## Explanation for possible generic checks:

CheckLUtable: this is a check against a look up table/vocabulary

CheckDATAformat: the format should fit with the recommendations

* CheckDATAformat1: related to the date(1st the format is checked, then another check is applied to see if year1<year2)
* CheckDATAformat2: related to numerical field (depending on rules it can be >0 or not, see the field rule explanation)

CheckYESNO: check if the reported value is Yes/No

CheckMinMax: Min value should be < Max value

CheckMandatory: based on criteria, frequently related to the occurrence of the species (field presence in the checklist)

* CheckMandatory1: annex\_ii\_partA <> 'Y\*' AND annex\_ii\_partB <> 'Y\*' in the reported checklist
* CheckMandatory2: When occurrence = 'PRE', Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B' in the reported checklist AND speciescode **not** in look up table keywintering\_species
* CheckMandatory3: When occurrence = 'PRE', Check if season = 'P' or (annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B') in the reported checklist AND speciescode **not** in look up table keywintering\_species
* CheckMandatory4: When occurrence = 'PRE', Check if Birds.1.8 <> 'B'
* CheckMandatory5: When occurrence = 'PRE', Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist

For the following group, checks are repeated between sections, and checks listed above are also used. For instance, CheckChange refers to CheckLUtable and CheckMandatory1

CheckMethod: serie of checks

* CheckMethod1: including one CheckLUtable and one CheckMandatory
* CheckMethod2: one additional check specific for short or long term trend

CheckChange: serie of checks that are similar between sections

CheckInfoAnnexII: serie of 8 checks that are repeated for each given season (1 to 6)

PLEASE NOTE: some of these generic checks depend on a condition, is these cases, it is followed by +condition

examples: CheckMandatory5 + condition

There are 4 levels of errors that can be triggered by the QA/QC in the tool and/or Reportnet. Please note that by default, all rules listed in this document should be applied to both the tool and Reportnet.

|  |  |
| --- | --- |
| **Error Level** | **Error description** |
| **BLOCKER** | a major error and data reported is blocked in Tool and/or Reportnet (see the field QA/QC in tool/CDR) and data is required to be redelivered |
| **WARNING** | a potential (or insignificant) error and data reported is not blocked |
| **INFO** | information message to further inform the MS reporter |
| **ERROR** | a major error but data reported is not blocked |

Make sure that the QA/QC should not be case sensitive (mainly for lu tables)

# Annex B - 1 Species information

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|  | Birds.1.1 Member State | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Member State - country isocode’ is present | Check if the reported value is in the vocabulary: countries  ✔Check passed  ✘Error in validation: message B003 | B003 | Invalid code. | **BLOCKER** | Invalid code. Please check the [vocabulary countries](http://dd.eionet.europa.eu/vocabulary/art12_2018/countries/view). |
|  | If ‘Member State - country isocode’ **not** present | ✘Error in validation: message B004 | B004 | Mandatory information missing. | **BLOCKER** | Mandatory information missing. The country code should be provided. |
|  | Birds.1.2 Species code | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Species code’ is present | Check if the reported value is in the vocabulary: speciescode| BDspecies  ✔Check passed  ✘Error in validation: message B005 | B005 | Invalid code. | **BLOCKER** | Invalid code. Please check the [vocabulary BDspecies](http://dd.eionet.europa.eu/vocabulary/art12_2018/BDspecies/view). |
|  | If ‘Species code’ **not** present | ✘Error in validation: message B006 | B006 | Mandatory information missing. | **BLOCKER** | Mandatory information missing. The species code should be provided. |
|  | Birds.1.3 EURING code | | | | | |
| CheckLUtable | If ‘EURING code’ is present | Check if the reported value is in the look up table: EURINGcode| lu\_bird\_species and corresponds to the speciescode reported in Birds.1.2  ✔Check passed  ✘Error in validation: message B007 | B007 | Incoherent information. | **WARNING** | Incoherent information in this section. The combination species code/EURING code should exist in the look up table lu\_bird\_species. |
|  | Birds.1.4 Species scientific name | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Species scientific name’ is present | Check if the reported value is in the vocabulary: speciesname| BDspecies and corresponds to the speciescode reported in Birds.1.2  ✔Check passed  ✘Error in validation: message B008 | B008 | Incoherent information. | **WARNING** | Incoherent information in this section. The combination species code/scientific name should exist in the [vocabulary BDspecies](http://dd.eionet.europa.eu/vocabulary/art12_2018/BDspecies/view). |
|  | If ‘Species scientific name’ **not** present | Check if Birds.1.2 is empty  ✔Check passed  ✘Error in validation: message B009 | B009 | Incoherent information. | **ERROR** | Incoherent information in this section. The scientific name should be provided. |
|  | Birds.1.5 Subspecific population | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Subspecific population’ is present | Check if the reported value is in the vocabulary: sub\_unit | BDspecies and corresponds to the speciescode reported in Birds.1.2  ✔Check passed  ✘Error in validation: message B010 | B010 | Incoherent information. | **WARNING** | Incoherent information in this section. The combination species code/ subspecific population should exist in the [vocabulary BDspecies](http://dd.eionet.europa.eu/vocabulary/art12_2018/BDspecies/view). |
| CheckLUtable | If ‘Subspecific population’ **not** present | Check if the “null” value is in the vocabulary: sub\_unit | BDspecies and corresponds to the speciescode reported in Birds.1.2  ✔Check passed  ✘Error in validation: message B011 | B011 | Incoherent information. | **WARNING** | Incoherent information in this section. The combination species code/ subspecific population should exist in the [vocabulary BDspecies](http://dd.eionet.europa.eu/vocabulary/art12_2018/BDspecies/view). |
|  | Birds.1.6 Alternative species scientific name | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |
|  | Birds.1.7 Common name | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |
|  | Birds.1.8 Season | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Season’ is present | Check if the reported value is in the vocabulary: seasonArt12  ✔Check passed  ✘Error in validation: message B012 | B012 | Invalid code. | **BLOCKER** | Invalid code. Please check the [vocabulary seasonArt12](http://dd.eionet.europa.eu/vocabulary/art12_2018/seasonArt12/view). |
|  | If ‘Season’ **not** present | ✘Error in validation: message B013 | B013 | Mandatory information missing. | **ERROR** | Mandatory information missing. Information on Season is expected for all reports. |
|  |  | | | | | |

# Annex B - 2 Population size

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Birds.2.1 Year or Period | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat1 | If ‘Year or Period’ is present | 1. Check if date has valid format: should be like YYYY or YYYY-YYYY.  ✔Check passed  ✘Error in validation: message B014  2. If check passed, and reported period like YYYY-YYYY, check if YYYY1 ≤ YYYY2.  ✔Check passed  ✘Error in validation: message B015 | B014  B015 | Incorrect data format.  Incoherent information. | **ERROR**  **ERROR** | Incorrect data format, it must be YYYY or YYYY-YYYY.  Incoherent information provided. Year1 should be ≤ than year2. |
| CheckMandatory2 | If ‘Year or Period’ **not** present | When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B' in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B016 | B016 | Mandatory information missing. | **ERROR** | Mandatory information missing. The year or period should be provided. |
|  | Birds.2.2a Population size - Unit | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Population size - Unit’ is present | 1. Check if the reported value is in the vocabulary: populationUnits  ✔Check passed  ✘Error in validation: message B017  2. If check passed:  - the reported value is the same as in the look up checklist  ✔Check passed  ✘Error in validation: message B018  - the reported value is the same as in the reported checklist  ✔Check passed  ✘Error in validation: message B019 | B017  B018  B019 | Invalid code.  Incoherent information.  Incoherent information. | **BLOCKER**  **ERROR**  **ERROR** | Invalid code. Please check the [vocabulary populationUnits](http://dd.eionet.europa.eu/vocabulary/art12_2018/populationUnits/view).  Incoherent information provided. The reported population unit differs with the recommended unit in the checklist on the reference portal.  Incoherent information provided. The reported population unit differs with the recommended unit in the reported checklist. |
|  |
|  | If ‘Population size - Unit’ **not** present | 1. Check if Birds.2.2b **and** Birds.2.2c **and** Birds.2.2d are empty  ✔Check passed  ✘Error in validation: message B020  2. If check passed:  When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B' in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B021 | B020  B021 | Incoherent information.  Mandatory information missing. | **ERROR**  **ERROR** | Incoherent information provided. Population size unit (2.2a) cannot be empty when Population size (2.2b,c,d) is provided.  Mandatory information missing. Population size unit should be provided. |
| CheckMandatory2 |
|  | Birds.2.2b Population size - Minimum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Population size - Minimum’ is present | Check the data type and value ≥ 0  ✔Check passed  ✘Error in validation: message B022 | B022 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only integers ≥ 0 are permitted. |
|  | Birds.2.2c Population size - Maximum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Population size - Maximum’ is present | 1. Check the data type and value ≥ 0  ✔Check passed  ✘Error in validation: message B023  2. If check passed, check if Birds.2.2c≥ Birds.2.2b  ✔Check passed  ✘Error in validation: message B024 | B023  B024 | Incorrect data format.  2.2c Population size - max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only integers ≥ 0 are permitted. |
| CheckMinMax |
|  | Birds.2.2d Population size - Best single value | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Population size - Best single value’ is present | 1. Check the data type and value ≥ 0  ✔Check passed  ✘Error in validation: message B025  2. If check passed, check if Birds.2.2**b** ≤ Birds.2.2d ≤ Birds.2.2c  ✔Check passed  ✘Error in validation: message B236 | B025  B236 | Incorrect data format.  Incoherent information. | **ERROR**  **WARNING** | Incorrect data format. Numeric field, only integers ≥ 0 are permitted.  Incoherent information provided. The best single value (2.2d) should not be less than the minimum (2.2b) or higher than the maximum (2.2c). |
| CheckMandatory2 + condition | If ‘Population size - Best single value’ **not** present | When occurrence = 'PRE' AND  Birds.2.2b AND Birds.2.2c **not** present  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B' in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B026 | B026 | Mandatory information missing. | **ERROR** | Mandatory information missing. Population size should be provided as interval (2.2b, c) and/or best single value (2.2d).  When only a minimum (or maximum) estimate of population size is available (e.g. through expert opinion) this should be entered in the ‘Best single value’ field and NOT the ‘(b) Minimum’ or ‘(c) Maximum’ fields. |
|  | Birds.2.3 Type of estimate | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Type of estimate’ is present | 1. Check if the reported value is in the vocabulary: typeEstimate  ✔Check passed  ✘Error in validation: message B027  2. If check passed, check if a value is present in at least one of these fields (Birds.2.2b or Birds.2.2c or Birds.2.2d)  ✔Check passed  ✘Error in validation: message B028 | B027  B028 | Invalid code.  Incoherent information. | **BLOCKER**  **WARNING** | Invalid code. Please check the [vocabulary typeEstimate.](http://dd.eionet.europa.eu/vocabulary/art12_2018/typeEstimate/view)  Incoherent information provided. Type of estimate was provided although there is no entry for population size (2.2b,c,d). Check coherence between these two fields.  If both interval (2.2b ‘Minimum’ and 2.2c ‘Maximum’) and a best single value (2.2d ‘Best single value’) are provided, field 2.3 ‘Type of estimate’ should correspond to the more accurate estimate. This should be noted in 2.7 ‘Additional information’. |
|  |
| CheckMandatory2 | If ‘Type of estimate’ **not** present | When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B' in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B029 | B029 | Mandatory information missing. | **ERROR** | Mandatory information missing. The type of estimate for population size should be provided. |
|  | Birds.2.4 Population size Method used | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMethod2 (condition slightly different) | If ‘Population size Method used’ is present | 1. Check if the reported value is in the vocabulary: methodsUsed  ✔Check passed  ✘Error in validation: message B030  2. If check passed, and the reported value is 'AbsentData', check if Birds.2.3 **not** present  ✔Check passed  ✘Error in validation: message B031 | B030  B031 | Invalid code.  Incoherent information. | **BLOCKER**  **WARNING** | Invalid code. Please check the [vocabulary methodsUsed](http://dd.eionet.europa.eu/vocabulary/art12_2018/methodsUsed/view).  Incoherent information provided. 2.3 Type of estimate should be empty when Population size Method used is 'AbsentData - Insufficient or no data available'.  When the method is assessed as 'AbsentData - Insufficient or no data available', the type of estimate used for the population size cannot be defined. If you want to report an estimate based on a method using limited data, please select ‘estimateExpert - Based mainly on expert opinion with very limited data’ for the method used. |
| If ‘Population size Method used’ **not** present | When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B' in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B032 | B032 | Mandatory information missing. | **ERROR** | Mandatory information missing. The method should be provided. In case the information to be reported in this section is not available use 'AbsentData - Insufficient or no data available'. |
|  | Birds.2.5 Sources | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMandatory2 | If ‘Sources of further information’ **not** present | When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B' in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B231 | B231 | Mandatory information missing. | **ERROR** | Mandatory information missing. Source of information is expected. |
|  | Birds.2.6\_, a, b, c, d, e Change and reason for change | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | Note: In this section, the user has to select first a main reason (that has to be clearly identified), and then can add up to 3 other reasons listed in the look up table. However, he can also select 'noChange', meaning only one entry is allowed. | | | | | |
| CheckChange | If ‘Change and reason for change’ is present | 1. Check if the reported value(s) are in the vocabulary: reasonChange  ✔Check passed  ✘Error in validation: message B033  2. If check passed, check   * if one of the reported value = 'noChange',check that there is no reason for change provided (meaning there should not be an additional value)   ✔Check passed  ✘Error in validation: message B034   * if all the reported value <> 'noChange' AND value in ( 'genuine', 'knowledge', 'method'), check that either 'genuine' or 'knowledge' or 'method' is indicated as main reason   ✔Check passed  ✘Error in validation: message B035 | B033  B034  B035 | Invalid code.  Incoherent information.  Incoherent information. | **BLOCKER**  **ERROR**  **ERROR** | Invalid code. Please check the vocabulary [reason Change](http://dd.eionet.europa.eu/vocabulary/art12_2018/reasonChange/view).  Incoherent information in this section. If 'noChange' is selected, there is no need to explain the nature of change.  Incoherent information in this section. Only one main reason is expected. |
| If ‘Change and reason for change’ **not** present | When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B' in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B036 | B036 | Mandatory information missing. | **ERROR** | Mandatory information missing. Indicate if there is any change since the previous reporting period (2008–2012) in the population size reported. Report 'noChange' if the answer to the question: ‘Is there a change between reporting periods?’ is 'No'. Provide the nature of that change (more than one option can be chosen) if the answer is 'Yes'. |
|  | Birds.2.7 Additional information | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |

# Annex B – 3 Population trend

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Birds.3.1.1 Short-term trend Period | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat1 | If ‘Short-term trend Period’ is present | 1. Check if date has valid format: should be like YYYY-YYYY.  ✔Check passed  ✘Error in validation: message B037  2. If check passed, check if YYYY1 ≤ YYYY2  ✔Check passed  ✘Error in validation: message B038 | B037  B038 | Incorrect data format.  Incoherent information. | **ERROR**  **ERROR** | Incorrect data format, it must be YYYY-YYYY.  Incoherent information provided. Year1 should be ≤ than year2. |
| CheckMandatory3 | If ‘Short-term trend Period’ **not** present | When occurrence = 'PRE'  Check if season = 'P' or (annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B') in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B039 | B039 | Mandatory information missing. | **ERROR** | Mandatory information missing. The period should be provided. |
|  | Birds.3.1.2 Short-term trend Direction | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Short-term trend Direction’ is present | 1. Check if the reported value is in the vocabulary: trends  ✔Check passed  ✘Error in validation: message B040  2. If check passed, and the reported value is 'D', check if Birds.3.1.3a or Birds.3.1.3b or Birds.3.1.3c is negative  ✔Check passed  ✘Error in validation: message B238 | B040  B238 | Invalid code.  Incoherent information. | **BLOCKER**  **ERROR** | Invalid code. Please check the [vocabulary trends](http://dd.eionet.europa.eu/vocabulary/art12_2018/trends/view).  Incoherent information provided. The trend direction is reported as 'D - decreasing'. At least one of the min, max or best single value should be negative. |
|  |
| CheckMandatory3 | If ‘Short-term trend Direction’ **not** present | When occurrence = 'PRE'  Check if season = 'P' or (annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B') in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B041 | B041 | Mandatory information missing. | **ERROR** | Mandatory information missing. Trend should be provided. In case the information to be reported in this section is not available use 'Unk - unknown'. |
|  | Birds.3.1.3a Short-term trend Magnitude - Minimum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Short-term trend Magnitude - Minimum’ is present | Check the data type  ✔Check passed  ✘Error in validation: message B042 | B042 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
|  | Birds.3.1.3b Short-term trend Magnitude - Maximum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Short-term trend Magnitude - Maximum’ is present | 1. Check the data type  ✔Check passed  ✘Error in validation: message B043  2. If check passed, check if Birds.3.1.3b ≥ Birds.3.1.3a (please consider that negative numbers can be reported for min)  ✔Check passed  ✘Error in validation: message B044 | B043  B044 | Incorrect data format.  3.1.3b Short-term trend Magnitude - max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
| CheckMinMax |
|  | Birds.3.1.3c Short-term trend Magnitude – Best single value | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Short-term trend Magnitude - Best single value’ is present | Check the data type  ✔Check passed  ✘Error in validation: message B045 | B045 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
| CheckMandatory3 + condition | If ‘Short-term trend Magnitude - Best single value’ **not** present | When occurrence = 'PRE' AND  Birds.3.1.3a AND Birds.3.1.3b **not** present  Check if season = 'P' or (annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B') in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B046 | B046 | Mandatory information missing. | **ERROR** | Mandatory information missing. Short term trend magnitude should be provided as interval (3.1.3a, b) and/or single value (3.1.3c).  When only a minimum (or maximum) value of magnitude is known (e.g. through expert opinion) this should be entered in the ‘Best single value’ field and NOT the ‘(a) Minimum’ or ‘(b) Maximum’ fields. |
|  | Birds.3.1.4 Short-term trend Method used | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMethod2 | If ‘Short-term trend Method used’ is present | 1. Check if the reported value is in the vocabulary: methodsUsed  ✔Check passed  ✘Error in validation: message B047  2. If check passed, and the reported value is 'AbsentData', check if Birds.3.1.2 is in ('U','Unk')  ✔Check passed  ✘Error in validation: message B048 | B047  B048 | Invalid code.  Incoherent information. | **BLOCKER**  **WARNING** | Invalid code. Please check the [vocabulary methodsUsed](http://dd.eionet.europa.eu/vocabulary/art12_2018/methodsUsed/view).  Inconsistent values provided in fields 3.1.2 Short-term trend Direction and 3.1.4 Short-term trend Method used. When the method is assessed as 'AbsentData - Insufficient or no data available', the trend cannot be defined. If you want to report a trend as stable, increasing or decreasing based on a method using limited data, please select ‘estimateExpert - Based mainly on expert opinion with very limited data’ for the method used |
| If ‘Short-term trend Method used’ **not** present | When occurrence = 'PRE'  Check if season = 'P' or (annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B') in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B049 | B049 | Mandatory information missing. | **ERROR** | Mandatory information missing. The method should be provided. In case the information to be reported in this section is not available use 'AbsentData - Insufficient or no data available'. |
|  | Birds.3.1.5 Sources | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMandatory3 | If ‘Sources of further information’ **not** present | When occurrence = 'PRE'  Check if season = 'P' or (annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B') in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B230 | B230 | Mandatory information missing. | **ERROR** | Mandatory information missing. Source of information is expected. |
|  | Birds.3.2.1 Long-term trend Period | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat1 | If ‘Long-term trend Period’ is present | 1. Check if date has valid format: should be like YYYY-YYYY.  ✔Check passed  ✘Error in validation: message B050  2. If check passed, check if YYYY1 ≤ YYYY2  ✔Check passed  ✘Error in validation: message B051 | B050  B051 | Incorrect data format.  Incoherent information. | **ERROR**  **ERROR** | Incorrect data format, it must be YYYY-YYYY.  Incoherent information provided. Year1 should be ≤ than year2. |
| CheckMandatory3 | If ‘Long-term trend Period’ **not** present | When occurrence = 'PRE'  Check if season = 'P' or (annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B') in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B052 | B052 | Mandatory information missing. | **ERROR** | Mandatory information missing. The period should be provided. |
|  | Birds.3.2.2 Long-term trend Direction | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Long -term trend Direction’ is present | 1. Check if the reported value is in the vocabulary: trends  ✔Check passed  ✘Error in validation: message B053  2. If check passed, and the reported value is 'D', check if Birds.3.2.3a or Birds.3.2.3b or Birds.3.2.3c is negative  ✔Check passed  ✘Error in validation: message B239 | B053  B239 | Invalid code.  Incoherent information. | **BLOCKER**  **ERROR** | Invalid code. Please check the [vocabulary trends](http://dd.eionet.europa.eu/vocabulary/art12_2018/trends/view).  Incoherent information provided. The trend direction is reported as 'D - decreasing'. At least one of the min, max or best single value should be negative. |
|  |
| CheckMandatory3 | If ‘Long -term trend Direction’ **not** present | When occurrence = 'PRE'  Check if season = 'P' or (annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B') in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B054 | B054 | Mandatory information missing. | **ERROR** | Mandatory information missing. Trend should be provided. In case the information to be reported in this section is not available use 'Unk - unknown'. |
|  | Birds.3.2.3a Long-term trend Magnitude - Minimum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Long-term trend Magnitude - Minimum’ is present | Check the data type  ✔Check passed  ✘Error in validation: message B055 | B055 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
|  | Birds.3.2.3b Long-term trend Magnitude - Maximum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Long-term trend Magnitude - Maximum’ is present | 1. Check the data type  ✔Check passed  ✘Error in validation: message B056  2. If check passed, check if Birds.3.2.3b ≥ Birds.3.2.3a (please consider that negative numbers can be reported for min)  ✔Check passed  ✘Error in validation: message B057 | B056  B057 | Incorrect data format.  3.2.3b Long-term trend Magnitude - max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
| CheckMinMax |
|  | Birds.3.2.3c Long-term trend Magnitude - Best single value | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Long-term trend Magnitude - Best single value’ is present | Check the data type  ✔Check passed  ✘Error in validation: message B058 | B058 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
| CheckMandatory3 + condition | If ‘Long-term trend Magnitude - Best single value’ **not** present | When occurrence = 'PRE' AND  Birds.3.2.3a AND Birds.3.2.3b **not** present  Check if season = 'P' or (annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B') in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B059 | B059 | Mandatory information missing. | **ERROR** | Mandatory information missing. Long term trend magnitude should be provided as interval (3.2.3a, b) and/or single value (3.2.3c).  When only a minimum (or maximum) value of magnitude is known (e.g. through expert opinion) this should be entered in the ‘Best single value’ field and NOT the ‘(a) Minimum’ or ‘(b) Maximum’ fields. |
|  | Birds.3.2.4 Long-term trend Method used | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMethod2 | If ‘Long-term trend Method used’ is present | 1. Check if the reported value is in the vocabulary: methodsUsed  ✔Check passed  ✘Error in validation: message B060  2. If check passed, and the reported value is 'AbsentData', check if Birds.3.2.2 is in ('U','Unk')  ✔Check passed  ✘Error in validation: message B061 | B060  B061 | Invalid code.  Incoherent information. | **BLOCKER**  **WARNING** | Invalid code. Please check the [vocabulary methodsUsed](http://dd.eionet.europa.eu/vocabulary/art12_2018/methodsUsed/view).  Inconsistent values provided in fields 3.2.2 Long-term trend Direction and 3.2.4 Long-term trend Method used. When the method is assessed as 'AbsentData - Insufficient or no data available', the trend cannot be defined. If you want to report a trend as stable, increasing or decreasing based on a method using limited data, please select ‘estimateExpert - Based mainly on expert opinion with very limited data’ for the method used |
| If ‘Long-term trend Method used’ **not** present | When occurrence = 'PRE'  Check if season = 'P' or (annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B') in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B062 | B062 | Mandatory information missing. | **ERROR** | Mandatory information missing. The method should be provided. In case the information to be reported in this section is not available use 'AbsentData - Insufficient or no data available'. |
|  | Birds.3.2.5 Sources | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMandatory3 | If ‘Sources of further information’ **not** present | When occurrence = 'PRE'  Check if season = 'P' or (annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' AND season <> 'B') in the reported checklist AND speciescode **not** in look up table keywintering\_species  ✔Check passed  ✘Error in validation: message B229 | B229 | Mandatory information missing. | **ERROR** | Mandatory information missing. Source of information is expected. |
|  | Birds.3.3 Additional information | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |

# Annex B – 4 Breeding distribution map and size

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Birds.4.1 Sensitive species | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckYESNO | If ‘Sensitive species’ is present | Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B063 | B063 | Invalid code. | **BLOCKER** | Invalid code. Code should be 'Yes' or 'No'. |
| CheckMandatory4 | If ‘Sensitive species’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B064 | B064 | Mandatory information missing. | **ERROR** | Mandatory information missing. Indicate whether information on species distribution is sensitive. |
|  | Birds.4.2 Year or period | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat1 | If ‘Year or period’ is present | 1. Check if date has valid format: should be like YYYY or YYYY-YYYY.  ✔Check passed  ✘Error in validation: message B065  2. If check passed, and reported period like YYYY-YYYY, check if YYYY1 ≤ YYYY2.  ✔Check passed  ✘Error in validation: message B066 | B065  B066 | Incorrect data format.  Incoherent information. | **ERROR**  **ERROR** | Incorrect data format, it must be YYYY or YYYY-YYYY.  Incoherent information provided. Year1 should be ≤ than year2. |
| CheckMandatory4 | If ‘Year or period’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B067 | B067 | Mandatory information missing. | **ERROR** | Mandatory information missing. Year or period should be provided. |
|  | Birds.4.3 Breeding distribution map | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |
|  | Birds.4.4 Breeding distribution surface area | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Breeding distribution surface area’ is present | Check the data type and Surface area ≥ 0  ✔Check passed  ✘Error in validation: message B068 | B068 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 is permitted. |
| CheckMandatory4 | If ‘Breeding distribution surface area’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B069 | B069 | Mandatory information missing. | **ERROR** | Mandatory information missing. Breeding distribution surface area should be provided. |
|  | Birds.4.5 Breeding distribution Method used | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Breeding distribution Method used’ is present | Check if the reported value is in the vocabulary: methodsUsed  ✔Check passed  ✘Error in validation: message B070 | B070 | Invalid code. | **BLOCKER** | Invalid code. Please check the [vocabulary methodsUsed](http://dd.eionet.europa.eu/vocabulary/art12_2018/methodsUsed/view). |
| CheckMandatory4 | If ‘Breeding distribution Method used’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B071 | B071 | Mandatory information missing. | **ERROR** | Mandatory information missing. Method should be provided. In case the information to be reported in this section is not available use 'AbsentData - Insufficient or no data available'. |
|  | Birds.4.6 Additional maps | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |
|  | Birds.4.7 Sources | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMandatory4 | If ‘Sources of further information’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B228 | B228 | Mandatory information missing. | **ERROR** | Mandatory information missing. Source of information is expected. |
|  | Birds.4.8 Additional information | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |

# Annex B – 5 Breeding distribution trend

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Birds.5.1.1 Short-term trend Period | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat1 | If ‘Short-term trend Period’ is present | 1. Check if date has valid format: should be like YYYY-YYYY.  ✔Check passed  ✘Error in validation: message B072  2. If check passed, check if YYYY1 ≤ YYYY2  ✔Check passed  ✘Error in validation: message B073 | B072  B073 | Incorrect data format.  Incoherent information. | **ERROR**  **ERROR** | Incorrect data format, it must be YYYY-YYYY.  Incoherent information provided. Year1 should be ≤ than year2. |
| CheckMandatory4 | If ‘Short-term trend Period’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B074 | B074 | Mandatory information missing. | **ERROR** | Mandatory information missing. The period should be provided. |
|  | Birds.5.1.2 Short-term trend Direction | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Short-term trend Direction’ is present | 1. Check if the reported value is in the vocabulary: trends  ✔Check passed  ✘Error in validation: message B075  2. If check passed, and the reported value is 'D', check if Birds.5.1.3a or Birds.5.1.3b or Birds.5.1.3c is negative  ✔Check passed  ✘Error in validation: message B240 | B075  B240 | Invalid code.  Incoherent information. | **BLOCKER**  **ERROR** | Invalid code. Please check the [vocabulary trends](http://dd.eionet.europa.eu/vocabulary/art12_2018/trends/view).  Incoherent information provided. The trend direction is reported as 'D - decreasing'. At least one of the min, max or best single value should be negative. |
|  |
| CheckMandatory4 | If ‘Short-term trend Direction’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B076 | B076 | Mandatory information missing. | **ERROR** | Mandatory information missing. Trend should be provided. In case the information to be reported in this section is not available use 'Unk - unknown'. |
|  | Birds.5.1.3a Short-term trend Magnitude - Minimum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Short-term trend Magnitude - Minimum’ is present | Check the data type  ✔Check passed  ✘Error in validation: message B077 | B077 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
|  | Birds.5.1.3b Short-term trend Magnitude - Maximum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Short-term trend Magnitude - Maximum’ is present | 1. Check the data type  ✔Check passed  ✘Error in validation: message B078  2. If check passed, check if Birds.5.1.3b ≥ Birds.5.1.3a (please consider that negative numbers can be reported for min)  ✔Check passed  ✘Error in validation: message B079 | B078  B079 | Incorrect data format.  5.1.3b Short-term trend Magnitude - max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
| CheckMinMax |
|  | Birds.5.1.3c Short-term trend Magnitude - Best single value | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Short-term trend Magnitude - Best single value’ is present | Check the data type  ✔Check passed  ✘Error in validation: message B080 | B080 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
| CheckMandatory4 + condition | If ‘Short-term trend Magnitude - Best single value’ **not** present | When occurrence = 'PRE' AND  Birds.5.1.3a AND Birds.5.1.3b **not** present  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B081 | B081 | Mandatory information missing. | **ERROR** | Mandatory information missing. Short term trend magnitude should be provided as interval (5.1.3a, b) and/or single value (5.1.3c).  When only a minimum (or maximum) value of magnitude is known (e.g. through expert opinion) this should be entered in the ‘Best single value’ field and NOT the ‘(a) Minimum’ or ‘(b) Maximum’ fields. |
|  | Birds.5.1.4 Short-term trend Method used | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMethod2 | If ‘Short-term trend Method used’ is present | 1. Check if the reported value is in the vocabulary: methodsUsed  ✔Check passed  ✘Error in validation: message B082  2. If check passed, and the reported value is 'AbsentData', check if Birds.5.1.2 is in ('U','Unk')  ✔Check passed  ✘Error in validation: message B083 | B082  B083 | Invalid code.  Incoherent information. | **BLOCKER**  **WARNING** | Invalid code. Please check the [vocabulary methodsUsed](http://dd.eionet.europa.eu/vocabulary/art12_2018/methodsUsed/view).  Inconsistent values provided in fields 5.1.2 Short-term trend Direction and 5.1.4 Short-term trend Method used. When the method is assessed as 'AbsentData - Insufficient or no data available', the trend cannot be defined. If you want to report a trend as stable, increasing or decreasing based on a method using limited data, please select ‘estimateExpert - Based mainly on expert opinion with very limited data’ for the method used |
| If ‘Short-term trend Method used’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B084 | B084 | Mandatory information missing. | **ERROR** | Mandatory information missing. The method should be provided. In case the information to be reported in this section is not available use 'AbsentData - Insufficient or no data available'. |
|  | Birds.5.1.5 Sources | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMandatory4 | If ‘Sources of further information’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B226 | B226 | Mandatory information missing. | **ERROR** | Mandatory information missing. Source of information is expected. |
|  | Birds.5.2.1 Long-term trend Period | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat1 | If ‘Long-term trend Period’ is present | 1. Check if date has valid format: should be like YYYY-YYYY.  ✔Check passed  ✘Error in validation: message B085  2. If check passed, check if YYYY1 ≤ YYYY2  ✔Check passed  ✘Error in validation: message B086 | B085  B086 | Incorrect data format.  Incoherent information. | **ERROR**  **ERROR** | Incorrect data format, it must be YYYY-YYYY.  Incoherent information provided. Year1 should be ≤ than year2. |
| CheckMandatory4 | If ‘Long-term trend Period’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B087 | B087 | Mandatory information missing. | **ERROR** | Mandatory information missing. The period should be provided. |
|  | Birds.5.2.2 Long-term trend Direction | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Long -term trend Direction’ is present | 1. Check if the reported value is in the vocabulary: trends  ✔Check passed  ✘Error in validation: message B088  2. If check passed, and the reported value is 'D', check if Birds.5.2.3a or Birds.5.2.3b or Birds.5.2.3c is negative  ✔Check passed  ✘Error in validation: message B241 | B088  B241 | Invalid code.  Incoherent information. | **BLOCKER**  **ERROR** | Invalid code. Please check the [vocabulary trends](http://dd.eionet.europa.eu/vocabulary/art12_2018/trends/view).  Incoherent information provided. The trend direction is reported as 'D - decreasing'. At least one of the min, max or best single value should be negative. |
|  |
| CheckMandatory4 | If ‘Long -term trend Direction’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B089 | B089 | Mandatory information missing. | **ERROR** | Mandatory information missing. Trend should be provided. In case the information to be reported in this section is not available use 'Unk - unknown'. |
|  | Birds.5.2.3a Long-term trend Magnitude - Minimum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Long-term trend Magnitude - Minimum’ is present | Check the data type  ✔Check passed  ✘Error in validation: message B090 | B090 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
|  | Birds.5.2.3b Long-term trend Magnitude - Maximum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Long-term trend Magnitude - Maximum’ is present | 1. Check the data type  ✔Check passed  ✘Error in validation: message B091  2. If check passed, check if Birds.5.2.3b ≥ Birds.5.2.3a (please consider that negative numbers can be reported for min)  ✔Check passed  ✘Error in validation: message B092 | B091  B092 | Incorrect data format.  5.2.3b Long-term trend Magnitude - max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
| CheckMinMax |
|  | Birds.5.2.3c Long-term trend Magnitude - Best single value | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Long-term trend Magnitude - Best single value’ is present | Check the data type  ✔Check passed  ✘Error in validation: message B093 | B093 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals are permitted. |
| CheckMandatory4 + condition | If ‘Long-term trend Magnitude - Best single value’ **not** present | When occurrence = 'PRE' AND  Birds.5.2.3a AND Birds.5.2.3b **not** present  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B094 | B094 | Mandatory information missing. | **ERROR** | Mandatory information missing. Long term trend magnitude should be provided as interval (5.2.3a, b) and/or single value (5.2.3c).  When only a minimum (or maximum) value of magnitude is known (e.g. through expert opinion) this should be entered in the ‘Best single value’ field and NOT the ‘(a) Minimum’ or ‘(b) Maximum’ fields. |
|  | Birds.5.2.4 Long-term trend Method used | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMethod2 | If ‘Short-term trend Method used’ is present | 1. Check if the reported value is in the vocabulary: methodsUsed  ✔Check passed  ✘Error in validation: message B095  2. If check passed, and the reported value is 'AbsentData', check if Birds.5.2.2 is in ('U','Unk')  ✔Check passed  ✘Error in validation: message B096 | B095  B096 | Invalid code.  Incoherent information. | **BLOCKER**  **WARNING** | Invalid code. Please check the [vocabulary methodsUsed](http://dd.eionet.europa.eu/vocabulary/art12_2018/methodsUsed/view).  Inconsistent values provided in fields 5.2.2 Long-term trend Direction and 5.2.4 Long-term trend Method used. When the method is assessed as 'AbsentData - Insufficient or no data available', the trend cannot be defined. If you want to report a trend as stable, increasing or decreasing based on a method using limited data, please select ‘estimateExpert - Based mainly on expert opinion with very limited data’ for the method used |
| If ‘Long-term trend Method used’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B097 | B097 | Mandatory information missing. | **ERROR** | Mandatory information missing. The method should be provided. In case the information to be reported in this section is not available use 'AbsentData - Insufficient or no data available'. |
|  | Birds.5.2.5 Sources | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMandatory4 | If ‘Sources of further information’ **not** present | When occurrence = 'PRE'  Check if Birds.1.8 <> 'B'  ✔Check passed  ✘Error in validation: message B227 | B227 | Mandatory information missing. | **ERROR** | Mandatory information missing. Source of information is expected. |
|  | Birds.5.3 Additional information | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |

# Annex B – 6 Progress in work related to international Species Action Plans (SAPs), Management Plans (MPs) and Brief Management Statements (BMSs)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Birds.6.0 Is/Will be the information related to international SAPs, MPs and BMSs (section 6) provided for the other season for this species? | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckYESNO | If ‘Is/Will be the information related to international SAPs, MPs and BMSs (section 6) provided for the other season for this species?’ is present | Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B232 | B232 | Invalid code. | **BLOCKER** | Invalid code. Code should be 'Yes' or 'No'. |
|  | If ‘Is/Will be the information related to international SAPs, MPs and BMSs (section 6) provided for the other season for this species?’ **not** present | ✘Error in validation: message B233 | B233 | Mandatory information missing. | **ERROR** | Mandatory information missing. Indicate whether information related to international plans is provided for the other season. |
|  | Birds.6.1 Type of international plan | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Type of international plan’ is present | 1. Check if the reported value is in the vocabulary: typeOfPlan  ✔Check passed  ✘Error in validation: message B098  2. If check passed, check if the reported value is in the look up table: sap\_mp\_bms | linkage\_species\_plans  ✔Check passed  ✘Error in validation: message B099 | B098  B099 | Invalid code.  Incoherent information. | **BLOCKER**  **ERROR** | Invalid code. Please check the [vocabulary typeOfPlan](http://dd.eionet.europa.eu/vocabulary/art12_2018/typeOfPlan/view) .  Incoherent information provided. The reported type of international plan differs with the one specified in the look up table linkage\_species\_plans. |
| CheckLUtable |
|  | If ‘Type of international plan’ **not** present | Check if Birds.6.0 = 'YES'  ✔Check passed  ✘Error in validation: message B100 | B100 | Mandatory information missing. | **ERROR** | Mandatory information missing. Information on Type of international plan is expected for all reports. In case there is no international plan use ‘NA - No plan’. |
|  | Birds.6.2 Has a national plan linked to the international SAP/MP/BMS been adopted? | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckYESNO | If ‘Has a national plan linked to the international SAP/MP/BMS been adopted?’ is present | Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B101 | B101 | Invalid code. | **BLOCKER** | Invalid code. Code should be 'Yes' or 'No'. |
|  | If ‘Has a national plan linked to the international SAP/MP/BMS been adopted?’ **not** present | Check if Birds.6.0 = 'YES' or Birds.6.1 <> ('SAP', 'BMS', 'MP')  ✔Check passed  ✘Error in validation: message B102 | B102 | Mandatory information missing. | **ERROR** | Mandatory information missing. Indicate whether a national plan linked to the international one has been adopted. |
|  | Birds.6.3 If ‘NO’, describe any measures and initiatives taken related to the international SAP/MP/BMS | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | If ‘If ‘NO’, describe any measures and initiatives taken related to the international SAP/MP/BMS’ is present | Check if Birds.6.2 is 'NO'  ✔Check passed  ✘Error in validation: message B103 | B103 | Incoherent information. | **ERROR** | Incoherent information in this section. Description of measures or initiatives is not expected if a national plan linked to the international one has been adopted (6.2 is ‘Yes’). |
|  | If ‘If ‘NO’, describe any measures and initiatives taken related to the international SAP/MP/BMS’ **not** present | Check if Birds.6.0 = 'YES' or Birds.6.2 <> 'NO'  ✔Check passed  ✘Error in validation: message B104 | B104 | Incoherent information. | **ERROR** | Incoherent information in this section. Description of measures or initiatives is expected if a national plan linked to the international one has not been adopted (6.2 is ‘No). |
|  | Birds.6.4 Assessment of the effectiveness of SAPs for globally threatened species (Art. 12, Species Action Plans) | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Assessment of the effectiveness of SAPs for globally threatened species (Art. 12, Species Action Plans)’ is present | 1. Check if the reported value is in the vocabulary: effectivenessSAPs  ✔Check passed  ✘Error in validation: message B105  2. Check if Birds.6.1 in ('SAP', 'BMS')  ✔Check passed  ✘Error in validation: message B221 | B105  B221 | Invalid code.  Incoherent information. | **BLOCKER**  **ERROR** | Invalid code. Please check the [vocabulary effectivenessSAPs](http://dd.eionet.europa.eu/vocabulary/art12_2018/effectivenessSAPs/view).  Incoherent information in this section. This section is to report on  the species’ national status in relation to objectives outlined in the SAPs/BMSs. |
|  |
|  | If ‘Assessment of the effectiveness of SAPs for globally threatened species (Art. 12, Species Action Plans)’ **not** present | Check if Birds.6.0 = 'YES' or Birds.6.1 <> ('SAP', 'BMS')  ✔Check passed  ✘Error in validation: message B222 | B222 | Mandatory information missing. | **ERROR** | Mandatory information missing. Information on the species’ national status in relation to objectives outlined in the SAPs/BMSs should be provided. |
|  | Birds.6.5 Assessment of the effectiveness of MPs for huntable species in non-Secure status (Articles 3 and 7, Management Plans) | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Assessment of the effectiveness of MPs for huntable species in non-Secure status (Articles 3 and 7, Management Plans)’ is present | 1. Check if the reported value is in the vocabulary: effectivenessMPs  ✔Check passed  ✘Error in validation: message B106  2. Check if Birds.6.1 = 'MP'  ✔Check passed  ✘Error in validation: message B223 | B106  B223 | Invalid code.  Incoherent information. | **BLOCKER**  **ERROR** | Invalid code. Please check the [vocabulary effectivenessMPs](http://dd.eionet.europa.eu/vocabulary/art12_2018/effectivenessMPs/view).  Incoherent information in this section. This section is to report on the status of huntable species in non-Secure status, in relation to objectives outlined in the MPs. |
|  |
|  | If ‘Assessment of the effectiveness of MPs for huntable species in non-Secure status (Articles 3 and 7, Management Plans)’ **not** present | Check if Birds.6.0 = 'YES' or Birds.6.1 <> 'MP'  ✔Check passed  ✘Error in validation: message B224 | B224 | Mandatory information missing. | **ERROR** | Mandatory information missing. Information on the status of huntable species in non-Secure status, in relation to objectives outlined in the MPs should be provided. |
|  | Birds.6.6 Sources of further information | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | If ‘Sources of further information’ **not** present | Check if Birds.6.0 = 'YES' or Birds.6.1 <> ('SAP', 'BMS', 'MP')  ✔Check passed  ✘Error in validation: message B225 | B225 | Mandatory information missing. | **ERROR** | Mandatory information missing. Source of information is expected. |

# Annex B - 7 Main pressures and threats

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Birds.7.1a Characterisation of pressures/threats - pressurecode | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘pressurecode’ is present | 1. Check if the reported value is in the vocabulary: threats  ✔Check passed  ✘Error in validation: message B107  2. If check passed, when:   * Birds.7.1\_ = 'p', check number of pressure ≤ 10   ✔Check passed  ✘Error in validation: message B108   * Birds.7.1\_ = 't', check number of threats ≤ 10   ✔Check passed  ✘Error in validation: message B109   * Birds.7.1\_ = 'p' AND Birds.7.1b = 'H', check number of high pressures ≤ 5   ✔Check passed  ✘Error in validation: message B110   * Birds.7.1\_ = 't' AND Birds.7.1d = 'H', check number of high threats ≤ 5   ✔Check passed  ✘Error in validation: message B111  4. If check passed, when:   * Birds.7.1\_ = 't', check if reported code <> ('Xu', 'Xp', 'Xxp')   ✔Check passed  ✘Error in validation: message B112   * Birds.7.1\_ = 'p', check if reported code <> ('Xt', Xxt')   ✔Check passed  ✘Error in validation: message B113   * Birds.7.1\_ = 't' AND reported value is 'Xt', check that no other code is reported   ✔Check passed  ✘Error in validation: message B114   * Birds.7.1\_ = 'p' AND reported value is 'Xp', check that no other code is reported   ✔Check passed  ✘Error in validation: message B115 | B107  B108  B109  B110  B111  B112  B113  B114  B115 | Invalid code.  More entries than permitted.  More entries than permitted.  More entries than permitted.  More entries than permitted.  Incoherent information.  Incoherent information.  Incoherent information.  Incoherent information. | **BLOCKER**  **ERROR**  **ERROR**  **ERROR**  **ERROR**  **ERROR**  **ERROR**  **WARNING**  **WARNING** | Invalid code. Please check the [vocabulary threats](http://dd.eionet.europa.eu/vocabulary/art12_2018/threats/view).  More entries than permitted. Maximum of 10 pressures per report.  More entries than permitted. Maximum of 10 threats per report.  More entries than permitted. Maximum of 5 pressures with 'H - High importance' per report.  More entries than permitted. Maximum of 5 threats with 'H - High importance' per report.  Incoherent information in this section. Code 'Xu - Unknown pressure', 'Xp - No information on pressures ' or 'Xxp - No pressures ' should be reported as a pressure, not as a threat.  Incoherent information in this section. Code 'Xt - No information on threats' or 'Xxt - No threats ' should be reported as a threat, not as a pressure.  Incoherent information in this section. Code 'Xt - No information on threats' used but other threats listed.  Incoherent information in this section. Code 'Xp - No information on pressures' used but other pressures listed. |
|  |
| CheckMandatory5 + condition | If ‘pressurecode’ **not** present | When Birds.7.1\_ **not** present AND occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B116  When Birds.7.1\_ = 't' AND occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B117  When Birds.7.1\_ = 'p' AND occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B118 | B116  B117  B118 | Mandatory information missing.  Mandatory information missing.  Mandatory information missing. | **ERROR**  **ERROR**  **ERROR** | Mandatory information missing. The list of pressures and/or threats should be provided. Report 'Xp - No information on pressures' and/or 'Xt - No information on threats' for missing information.  Mandatory information missing. The list of threats should be provided. Report 'Xt - No information on threats' for missing information.  Mandatory information missing. The list of pressures should be provided. Report 'Xp - No information on pressures' for missing information. |
| CheckMandatory5 + condition |
| CheckMandatory5 + condition |
|  | Birds.7.1b and Birds.7.1d Characterisation of pressures/threats - ranking | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘ranking’ is present | 1. Check if the reported value is in the vocabulary: ranking  ✔Check passed  ✘Error in validation: message B119  2. If check passed, check if Birds.7.1a is present  ✔Check passed  ✘Error in validation: message B120 | B119  B120 | Invalid code.  Incoherent information. | **BLOCKER**  **ERROR** | Invalid code. Please check the [vocabulary ranking](http://dd.eionet.europa.eu/vocabulary/art12_2018/ranking/view).  Incoherent information in this section. Ranking is provided although no code indicated for pressure and/or threat. |
|  |
|  | If ‘ranking’ **not** present | Check if Birds.7.1a is null or in ('Xp', 'Xt', 'Xu', 'Xxp', 'Xxt')  ✔Check passed  ✘Error in validation: message B121 | B121 | Mandatory information missing. | **ERROR** | Mandatory information missing. This field cannot be empty unless the reported code is 'Xp', 'Xt', 'Xu', 'Xxp' or 'Xxt'. |
|  | Birds.7.1c and Birds.7.1e Characterisation of pressures/threats - location | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘location’ is present | 1. Check if the reported value is in the vocabulary: pressuresThreatsLocation  ✔Check passed  ✘Error in validation: message B122  2. If check passed, check if Birds.7.1a is present  ✔Check passed  ✘Error in validation: message B123 | B122  B123 | Invalid code.  Incoherent information. | **BLOCKER**  **ERROR** | Invalid code. Please check the [vocabulary pressuresThreatsLocation](http://dd.eionet.europa.eu/vocabulary/art12_2018/pressuresThreatsLocation/view) .  Incoherent information in this section. Location is provided although no code indicated for pressure and/or threat. |
|  |
|  | If ‘location’ **not** present | Check if Birds.7.1a is null or in ('Xp', 'Xt', 'Xu', 'Xxp', 'Xxt')  ✔Check passed  ✘Error in validation: message B124 | B124 | Mandatory information missing. | **ERROR** | Mandatory information missing. This field cannot be empty unless the reported code is 'Xp', 'Xt', 'Xu', 'Xxp' or 'Xxt'. Report 'unk - unknown' if needed. |
|  | Birds.7.1\_ Characterisation of pressures/threats – pressure type | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | If ‘pressure type’ is present | 1. Check if the reported value is 'p' or 't'  ✔Check passed  ✘Error in validation: message B125  2. If check passed, check if Birds.7.1ais present  ✔Check passed  ✘Error in validation: message B126 | B125  B126 | Invalid code.  Incoherent information. | **ERROR**  **ERROR** | Invalid code. Code should be 'p' = pressure or 't' = threat.  Incoherent information in this section. Type of pressure/threat is provided although no code indicated for pressure and/or threat. |
|  | If ‘pressure type’ **not** present | Check if Birds.7.1ais null  ✔Check passed  ✘Error in validation: message B127 | B127 | Mandatory information missing. | **ERROR** | The type of pressure or threats should be systematically provided. Code should be 'p' = pressure or 't' = threat. |
|  | Birds.7.2 Sources of information | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |
|  | Birds.7.3 Additional information | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |

# Annex B - 8 Conservation measures

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Birds.8.1a Are measures needed? | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckYESNO | If ‘Are measures needed? ’ is present | Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B128 | B128 | Invalid code. | **BLOCKER** | Invalid code. Code should be 'Yes' or 'No' |
| CheckMandatory5 | If ‘Are measures needed? ’ **not** present | When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B129 | B129 | Mandatory information missing. | **ERROR** | Mandatory information missing. Indicate whether measures are needed or not. |
|  | Birds.8.1b If yes, indicate the status of measures: | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | If ‘If yes, indicate the status of measures? ’ is present | 1. Check if Birds.8.1alike 'YES'  ✔Check passed  ✘Error in validation: message B130  2. Check if the reported value is in the vocabulary: measuresIdentified  ✔Check passed  ✘Error in validation: message B131 | B130  B131 | Incoherent information.  Invalid code. | **ERROR**  **BLOCKER** | Incoherent information in this section. Status of measures is not expected if no measures are needed.  Invalid code. Please check the [vocabulary measuresIdentified](http://dd.eionet.europa.eu/vocabulary/art12_2018/measuresIdentified/view). |
| CheckLUtable |
| CheckMandatory5 | If ‘If yes, indicate the status of measures? ’ **not** present | When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  Check if Birds.8.1alike 'YES'  ✔Check passed  ✘Error in validation: message B132 | B132 | Mandatory information missing. | **ERROR** | Mandatory information missing. Status of measures should be provided if measures are needed. |
|  | Birds.8.2 Main purpose of the measures taken | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | If ‘Main purpose of the measures taken’ is present | Check if Birds.8.1b = 'taken'  ✔Check passed  ✘Error in validation: message B133  2. If check passed, check if the reported value is in the vocabulary: measuresPurposeBirds  ✔Check passed  ✘Error in validation: message B134 | B133  B134 | Incoherent information.  Invalid code. | **WARNING**  **BLOCKER** | Incoherent information in this section. The main purpose of measures taken is not expected if no measures are identified and taken.  Invalid code. Please check the [vocabulary measuresPurposeBirds](http://dd.eionet.europa.eu/vocabulary/art12_2018/measuresPurposeBirds/view). |
| CheckLUtable |
| CheckMandatory5 + condition | If ‘Main purpose of the measures taken’ **not** present | When Birds.8.1b = 'taken' AND occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B135 | B135 | Incoherent information. | **ERROR** | Incoherent information in this section. The main purpose of measures taken is expected if measures are identified and taken. |
|  | Birds.8.3 Location of the measures | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | If ‘Location of the measures’ is present | Check if Birds.8.1b = 'taken'  ✔Check passed  ✘Error in validation: message B136  2. If check passed, check if the reported value is in the vocabulary: measuresLocation  ✔Check passed  ✘Error in validation: message B137 | B136  B137 | Incoherent information.  Invalid code. | **WARNING**  **BLOCKER** | Incoherent information in this section. Location of measures is not expected if no measures identified and taken.  Invalid code. Please check the [vocabulary measuresLocation](http://dd.eionet.europa.eu/vocabulary/art12_2018/measuresLocation/view). |
| CheckLUtable |
| CheckMandatory5 + condition | If ‘Location of the measures’ **not** present | When Birds.8.1b = 'taken' AND occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B138 | B138 | Incoherent information. | **ERROR** | Incoherent information in this section. The location of the measures is expected if measures are identified and taken |
|  | Birds.8.4 Response to the measures | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | If ‘Response to the measures’ is present | 1. Check if Birds.8.1a like 'YES'  ✔Check passed  ✘Error in validation: message B139  2. Check if the reported value is in the vocabulary: measuresResponse  ✔Check passed  ✘Error in validation: message B140 | B139  B140 | Incoherent information.  Invalid code. | **WARNING**  **BLOCKER** | Incoherent information in this section. Time frame of response to measures is not expected if no measures are needed.  Invalid code. Please check the [vocabulary measuresResponse](http://dd.eionet.europa.eu/vocabulary/art12_2018/measuresResponse/view). |
| CheckLUtable |
| CheckMandatory5 + condition | If ‘Response to the measures’ **not** present | When Birds.8.1a like 'YES' AND occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B141 | B141 | Mandatory information missing. | **ERROR** | Mandatory information missing. The time frame of the response to measures should be provided if measures are needed. |
|  | Birds.8.5 List of main conservation measures - measurecode | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘measurecode’ is present | 1. Check if the reported value is in the vocabulary: measures  ✔Check passed  ✘Error in validation: message B142  2. If check passed, check maximum of 10 codes are reported  ✔Check passed  ✘Error in validation: message B143 | B142  B143 | Invalid code.    More entries than permitted. | **BLOCKER**  **ERROR** | Invalid code. Please check the [vocabulary measures](http://dd.eionet.europa.eu/vocabulary/art12_2018/measures/view).    More entries than permitted. Maximum of 10 measures per biogeographical assessment. |
|  |
| CheckMandatory5 + condition | If ‘measurecode’ **not** present | When Birds.8.1a like 'YES' AND occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B144 | B144 | Mandatory information missing. | **ERROR** | Mandatory information missing. The list of measures should be provided if measures are needed. |
|  | Birds.8.6 Additional information | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |

# Annex B - 9 Natura 2000 (SPAs) coverage

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Birds.9.1a Population size inside the Natura 2000 (SPA) network - Population size - Unit | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Population size - Unit’ is present | 1. Check if the reported value is in the vocabulary: populationUnits  ✔Check passed  ✘Error in validation: message B145  2. If check passed, check if : the reported value is the same than in Birds.2.2a  ✔Check passed  ✘Error in validation: message B146 | B145  B146 | Invalid code.  Incoherent information. | **BLOCKER**  **ERROR** | Invalid code. Please check the [vocabulary populationUnits](http://dd.eionet.europa.eu/vocabulary/art12_2018/populationUnits/view).  Incoherent information provided. The reported population size unit within Natura 2000 network differs with the reporting unit used in 2.2. |
|  |
|  | If ‘Population size - Unit’ **not** present | 1. Check if Birds.9.1b **and** Birds.9.1c **and** Birds.9.1d are empty or = 0  ✔Check passed  ✘Error in validation: message B147  2. When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B148 | B147  B148 | Incoherent information.  Mandatory information missing. | **ERROR**  **ERROR** | Incoherent information provided. Population size unit within Natura 2000 network (9.1a) cannot be empty when Population size within within Natura 2000 network (9.1b,c,d) is provided.  Mandatory information missing. Population size unit within Natura 2000 network should be provided. |
| CheckMandatory5 |
|  | Birds.9.1b Population size inside the Natura 2000 (SPA) network - Population size - Minimum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Population size - Minimum’ is present | Check the data type and value ≥ 0  ✔Check passed  ✘Error in validation: message B149 | B149 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only integers ≥ 0 are permitted. |
|  | Birds.9.1c Population size inside the Natura 2000 (SPA) network - Population size - Maximum | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Population size - Maximum’ is present | 1. Check the data type and value ≥ 0  ✔Check passed  ✘Error in validation: message B150  2. If check passed, check if Birds.9.1c ≥ Birds.9.1b  ✔Check passed  ✘Error in validation: message B151 | B150  B151 | Incorrect data format.  9.1c Population size within Natura 2000 network - max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only integers ≥ 0 are permitted. |
| CheckMinMax |
|  | Birds.9.1d Population size inside the Natura 2000 (SPA) network - Population size - Best single value | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckDATAformat2 | If ‘Population size - Best single value’ is present | 1. Check the data type and value ≥ 0  ✔Check passed  ✘Error in validation: message B152  2. If check passed, check if Birds.9.1b ≤ Birds.9.1d ≤ Birds.9.1c  ✔Check passed  ✘Error in validation: message B237 | B152  B237 | Incorrect data format.  Incoherent information. | **ERROR**  **WARNING** | Incorrect data format. Numeric field, only integers ≥ 0 are permitted.  Incoherent information provided.  The best single value (9.1d) should not be less than the minimum (9.1b) or higher than the maximum (9.1c). |
| CheckMandatory5 + condition | If ‘Population size - Best single value’ **not** present | When occurrence = 'PRE' AND  Birds.9.1b AND Birds.9.1c **not** present  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B153 | B153 | Mandatory information missing. | **ERROR** | Mandatory information missing. Population size within Natura 2000 network should be provided as interval (9.1b, c) and/or best single value (9.1d) for annex I species and non-annex I species triggering SPA classification.  When only a minimum (or maximum) estimation of population size is available (e.g. through expert opinion) this should be entered in the ‘Best single value’ field and NOT the ‘(b) Minimum’ or ‘(c) Maximum’ fields. |
|  | Birds.9.2 Type of estimate | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Type of estimate’ is present | 1. Check if the reported value is in the vocabulary: typeEstimate  ✔Check passed  ✘Error in validation: message B154  2. If check passed, check if a value is present in at least one of these fields (Birds.9.1b or Birds.9.1c or Birds.9.1d)  ✔Check passed  ✘Error in validation: message B155 | B154  B155 | Invalid code.  Incoherent information. | **BLOCKER**  **WARNING** | Invalid code. Please check the [vocabulary typeEstimate.](http://dd.eionet.europa.eu/vocabulary/art12_2018/typeEstimate/view)  Incoherent information provided. Type of estimate was provided although there is no entry for population size within Natura 2000 network (9.1b,c,d). Check coherence between these two fields.  If both interval (9.1b ‘Minimum’ and 9.1c ‘Maximum’) and a best single value (9.1d ‘Best single value’) are provided, field 9.2 ‘Type of estimate’ should correspond to the more accurate estimate. This should be noted in 9.6 ‘Additional information’. |
|  |
| CheckMandatory5 | If ‘Type of estimate’ **not** present | When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B156 | B156 | Mandatory information missing. | **ERROR** | Mandatory information missing. The type of estimate for the population size within Natura 2000 network should be provided. |
|  | Birds.9.3 Population size inside the network Method used | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMethod2 (condition slightly different) | If ‘Population size inside the network Method used’ is present | 1. Check if the reported value is in the vocabulary: methodsUsed  ✔Check passed  ✘Error in validation: message B157  2. If check passed, and the reported value is 'AbsentData', check if Birds.9.2 **not** present  ✔Check passed  ✘Error in validation: message B158 | B157  B158 | Invalid code.  Incoherent information. | **BLOCKER**  **WARNING** | Invalid code. Please check the [vocabulary methodsUsed](http://dd.eionet.europa.eu/vocabulary/art12_2018/methodsUsed/view).  Incoherent information provided. 9.2 Type of estimate should be empty when Population size inside the network Method used is 'AbsentData - Insufficient or no data available'.  When the method is assessed as 'AbsentData - Insufficient or no data available', the type of estimate used for the population size cannot be defined. If you want to report an estimate based on a method using limited data, please select ‘estimateExpert - Based mainly on expert opinion with very limited data’ for the method used. |
| If ‘Population size inside the network Method used’ **not** present | When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B159 | B159 | Mandatory information missing. | **ERROR** | Mandatory information missing. The method should be provided. In case the information to be reported in this section is not available use 'AbsentData - Insufficient or no data available'. |
|  | Birds.9.4 Short-term trend of population size within the network Direction | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Short-term trend Direction’ is present | Check if the reported value is in the vocabulary: trends  ✔Check passed  ✘Error in validation: message B160 | B160 | Invalid code. | **BLOCKER** | Invalid code. Please check the [vocabulary trends](http://dd.eionet.europa.eu/vocabulary/art12_2018/trends/). |
| CheckMandatory5 | If ‘Short-term trend Direction’ **not** present | When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B161 | B161 | Mandatory information missing. | **ERROR** | Mandatory information missing. The Trend should be provided. In case the information to be reported in this section is not available use 'Unk - unknown'. |
|  | Birds.9.5 Short-term trend of population size within the network Method used | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckMethod2 | If ‘Short-term trend Method used’ is present | 1. Check if the reported value is in the vocabulary: methodsUsed  ✔Check passed  ✘Error in validation: message B162  2. If check passed, and the reported value is 'AbsentData', check if Birds.9.4 is in ('U','Unk')  ✔Check passed  ✘Error in validation: message B163 | B162  B163 | Invalid code.  Incoherent information. | **BLOCKER**  **WARNING** | Invalid code. Please check the [vocabulary methodsUsed](http://dd.eionet.europa.eu/vocabulary/art12_2018/methodsUsed/view).  Inconsistent values provided in fields 9.4 Short-term trend Direction and 9.5 Short-term trend Method used. When the method is assessed as 'AbsentData - Insufficient or no data available', the trend cannot be defined. If you want to report a trend as stable, increasing or decreasing based on a method using limited data, please select ‘estimateExpert - Based mainly on expert opinion with very limited data’ for the method used. |
| If ‘Short-term trend Method used’ **not** present | When occurrence = 'PRE'  Check if annex\_i <> 'Y\*' AND spa\_trigger <> 'Y' in the reported checklist  ✔Check passed  ✘Error in validation: message B164 | B164 | Mandatory information missing. | **ERROR** | Mandatory information missing. The method should be provided. In case the information to be reported in this section is not available use 'AbsentData - Insufficient or no data available'. |
|  | Birds.9.6 Additional information | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |

### Annex B - 10 Information related to Annex II species (Article 7)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Birds.10.0 Is/Will be the information related to Annex II species (section 10) provided for the other season for this species? | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckYESNO | If ‘Is/Will be the information related to Annex II species (section 10) provided for the other season for this species?’ is present | Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B234 | B234 | Invalid code. | **BLOCKER** | Invalid code. Code should be 'Yes' or 'No'. |
| CheckMandatory1 | If ‘Is/Will be the information related to Annex II species (section 10) provided for the other season for this species?’ **not** present | When occurrence = 'PRE'  Check if annex\_ii\_partA <> 'Y\*' AND annex\_ii\_partB <> 'Y\*' in the reported checklist  ✔Check passed  ✘Error in validation: message B235 | B235 | Mandatory information missing. | **ERROR** | Mandatory information missing. Indicate whether information related to Annex II species is provided for the other season. |
|  | Birds.10.1 Is the species nationally hunted? | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckYESNO | If ‘Is the species nationally hunted?’ is present | 1. Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B165  2. If check passed, check if annex\_ii\_partA like 'Y\*' or annex\_ii\_partB like 'Y\*' in the reported checklist  ✔Check passed  ✘Error in validation: message B166 | B165  B166 | Invalid code.  Incoherent information. | **BLOCKER**  **ERROR** | Invalid code. Code should be 'Yes' or 'No'.  Incoherent information in this section. This section is to report on Annex II species only. |
|  |
| CheckMandatory1 + condition | If ‘Is the species nationally hunted?’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES'  or (annex\_ii\_partA <> 'Y\*' AND annex\_ii\_partB <> 'Y\*' in the reported checklist)  ✔Check passed  ✘Error in validation: message B167 | B167 | Mandatory information missing. | **ERROR** | Mandatory information missing. Indicate whether this Annex II species is nationally hunted. Report 'No' if the answer to the question: ‘Is the species nationally hunted’ is 'No'. |
|  | Birds.10.2a Hunting bag - Unit | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckYESNO | If ‘Hunting bag - unit’ is present | 1. Check if the reported value is in the vocabulary: populationUnits  ✔Check passed  ✘Error in validation: message B168  2. Check if the reported value is 'i'  ✔Check passed  ✘Error in validation: message B169 | B168  B169 | Invalid code.  Incoherent information. | **ERROR**  **ERROR** | Invalid code. Please check the [vocabulary populationUnits](http://dd.eionet.europa.eu/vocabulary/art12_2018/populationUnits/).  Incoherent information provided. The reported unit for hunting bag differs with the recommended unit 'i - number of individuals' defined in the reporting format. |
|  |
| CheckMandatory1 + condition | If ‘Hunting bag - unit’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES'  or (annex\_ii\_partA <> 'Y\*' AND annex\_ii\_partB <> 'Y\*' in the reported checklist)  ✔Check passed  ✘Error in validation: message B170 | B170 | Mandatory information missing. | **ERROR** | Mandatory information missing. Population unit for hunting bag should be provided. |
|  | Birds.10.2b1min, max, unknown Hunting bag - Statistics/quantity per hunting season or year over the reporting period – Season/year1  The following checks apply to min, max, unknown. Should appear at higher level (10.2b1). Only one error message is expected in this case in order to avoid any duplication. | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckInfoAnnexII | If at least one field of ‘Hunting bag -Statistics/quantity per hunting season or year […] – Season/year1’ is present | 1. When Birds.10.1 like 'YES'  Check if Birds.10.2b1min and Birds.10.2b1max are present  ✔Check passed  ✘Error in validation: message B171  (in the following check, we want to make sure that only min/max are provided with max > 0 and unknown is ticked as No, OR the opposite where unknown is yes and min/max should be 0)  2. If check passed, check if, check if (Birds.10.2b1max > 0 and Birds.10.2b1x like 'no') OR (Birds.10.2b1min and Birds.10.2b1max = 0 and Birds.10.2b1x like 'yes')  ✔Check passed  ✘Error in validation: message B172 | B171  B172 | Min/max value should be provided systematically for all seasons.  Incoherent information. | **ERROR**  **ERROR** | Min/max value should be provided systematically for all seasons. Report '0' if no hunting bag or there was a temporary ban.  Incoherent information provided. Only min/max or unknown value is expected for 10.2b1 Statistics/quantity per hunting season or year over the reporting period – Season/year1. |
| If all fields of ‘Hunting bag - Statistics/quantity per hunting season or year […] – Season/year1’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B173 | B173 | Mandatory information missing. | **ERROR** | Mandatory information missing. Statistics/quantity per hunting season or year over the reporting period – Season/year1 should be provided (10.2b1min, 10.2b1max, 10.2b1x). |
| Birds.10.2b1min Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 1 min | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 1 min’ is present | Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B174 | B174 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b1max Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 1 max | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 1 max’ is present | 1. Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B175  2. If check passed, check if Birds.10.2b1max ≥ Birds.10.2b1min  ✔Check passed  ✘Error in validation: message B176 | B175  B176 | Incorrect data format.  10.2b1max Statistics/quantity on season/year 1- max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b1x Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 1 unknown | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 1 unknown’ is present | Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B177 | B177 | Invalid code. | **ERROR** | Invalid code. Code should be 'Yes' or 'No'. |
| If ‘Season/year 1 unknown’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B178 | B178 | Incorrect data format. | **ERROR** | Incorrect data format. This field cannot be empty. Code should be 'Yes' or 'No'. |
|  | Birds.10.2b2min, max, unknown Hunting bag - Statistics/quantity per hunting season or year over the reporting period – Season/year2  The following checks apply to min, max, unknown. Should appear at higher level (10.2b2). Only one error message is expected in this case in order to avoid any duplication. | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckInfoAnnexII | If at least one field of ‘Hunting bag -Statistics/quantity per hunting season or year […] – Season/year2’ is present | 1. When Birds.10.1 like 'YES'  Check if Birds.10.2b2min and Birds.10.2b2max are present  ✔Check passed  ✘Error in validation: message B179  (in the following check, we want to make sure that only min/max are provided with max > 0 and unknown is ticked as No, OR the opposite where unknown is yes and min/max should be 0)  2. If check passed, check if, check if (Birds.10.2b2max > 0 and Birds.10.2b2x like 'no') OR (Birds.10.2b2min and Birds.10.2b2max = 0 and Birds.10.2b2x like 'yes')  ✔Check passed  ✘Error in validation: message B180 | B179  B180 | Min/max value should be provided systematically for all seasons.  Incoherent information. | **ERROR**  **ERROR** | Min/max value should be provided systematically for all seasons. Report '0' if no hunting bag or there was a temporary ban.  Incoherent information provided. Only min/max or unknown value is expected for 10.2b2 Statistics/quantity per hunting season or year over the reporting period – Season/year2. |
| If all fields of ‘Hunting bag - Statistics/quantity per hunting season or year […] – Season/year2’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B181 | B181 | Mandatory information missing. | **ERROR** | Mandatory information missing. Statistics/quantity per hunting season or year over the reporting period – Season/year2 should be provided (10.2b2min, 10.2b2max, 10.2b2x). |
| Birds.10.2b2min Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 2 min | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 2 min’ is present | Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B182 | B182 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b2max Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 2 max | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 2 max’ is present | 1. Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B183  2. If check passed, check if Birds.10.2b2max ≥ Birds.10.2b2min  ✔Check passed  ✘Error in validation: message B184 | B183  B184 | Incorrect data format.  10.2b2max Statistics/quantity on season/year 2- max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b2x Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 2 unknown | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 2 unknown’ is present | Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B185 | B185 | Invalid code. | **ERROR** | Invalid code. Code should be 'Yes' or 'No'. |
| If ‘Season/year 2 unknown’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B186 | B186 | Incorrect data format. | **ERROR** | Incorrect data format. This field cannot be empty. Code should be 'Yes' or 'No'. |
|  | Birds.10.2b3min, max, unknown Hunting bag - Statistics/quantity per hunting season or year over the reporting period – Season/year3  The following checks apply to min, max, unknown. Should appear at higher level (10.2b3). Only one error message is expected in this case in order to avoid any duplication. | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckInfoAnnexII | If at least one field of ‘Hunting bag -Statistics/quantity per hunting season or year […] – Season/year3’ is present | 1. When Birds.10.1 like 'YES'  Check if Birds.10.2b3min and Birds.10.2b3max are present  ✔Check passed  ✘Error in validation: message B187  (in the following check, we want to make sure that only min/max are provided with max > 0 and unknown is ticked as No, OR the opposite where unknown is yes and min/max should be 0)  2. If check passed, check if, check if (Birds.10.2b3max > 0 and Birds.10.2b3x like 'no') OR (Birds.10.2b3min and Birds.10.2b3max = 0 and Birds.10.2b3x like 'yes')  ✔Check passed  ✘Error in validation: message B188 | B187  B188 | Min/max value should be provided systematically for all seasons.  Incoherent information. | **ERROR**  **ERROR** | Min/max value should be provided systematically for all seasons. Report '0' if no hunting bag or there was a temporary ban.  Incoherent information provided. Only min/max or unknown value is expected for 10.2b3 Statistics/quantity per hunting season or year over the reporting period – Season/year3. |
| If all fields of ‘Hunting bag - Statistics/quantity per hunting season or year […] – Season/year3’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B189 | B189 | Mandatory information missing. | **ERROR** | Mandatory information missing. Statistics/quantity per hunting season or year over the reporting period – Season/year3 should be provided (10.2b3min, 10.2b3max, 10.2b3x). |
| Birds.10.2b3min Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 3 min | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 3 min’ is present | Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B190 | B190 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b3max Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 3 max | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 3 max’ is present | 1. Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B191  2. If check passed, check if Birds.10.2b3max ≥ Birds.10.2b3min  ✔Check passed  ✘Error in validation: message B192 | B191  B192 | Incorrect data format.  10.2b3max Statistics/quantity on season/year 3 - max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b3x Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 3 unknown | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 3 unknown’ is present | Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B193 | B193 | Invalid code. | **ERROR** | Invalid code. Code should be 'Yes' or 'No'. |
| If ‘Season/year 3 unknown’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B194 | B194 | Incorrect data format. | **ERROR** | Incorrect data format. This field cannot be empty. Code should be 'Yes' or 'No'. |
|  | Birds.10.2b4min, max, unknown Hunting bag - Statistics/quantity per hunting season or year over the reporting period – Season/year4  The following checks apply to min, max, unknown. Should appear at higher level (10.2b4). Only one error message is expected in this case in order to avoid any duplication. | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckInfoAnnexII | If at least one field of ‘Hunting bag -Statistics/quantity per hunting season or year […] – Season/year4’ is present | 1. When Birds.10.1 like 'YES'  Check if Birds.10.2b4min and Birds.10.2b4max are present  ✔Check passed  ✘Error in validation: message B195  (in the following check, we want to make sure that only min/max are provided with max > 0 and unknown is ticked as No, OR the opposite where unknown is yes and min/max should be 0)  2. If check passed, check if, check if (Birds.10.2b4max > 0 and Birds.10.2b4x like 'no') OR (Birds.10.2b4min and Birds.10.2b4max = 0 and Birds.10.2b4x like 'yes')  ✔Check passed  ✘Error in validation: message B196 | B195  B196 | Min/max value should be provided systematically for all seasons.  Incoherent information. | **ERROR**  **ERROR** | Min/max value should be provided systematically for all seasons. Report '0' if no hunting bag or there was a temporary ban.  Incoherent information provided. Only min/max or unknown value is expected for 10.2b4 Statistics/quantity per hunting season or year over the reporting period – Season/year4. |
| If all fields of ‘Hunting bag - Statistics/quantity per hunting season or year […] – Season/year4’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B197 | B197 | Mandatory information missing. | **ERROR** | M Mandatory information missing. Statistics/quantity per hunting season or year over the reporting period – Season/year4 should be provided (10.2b4min, 10.2b4max, 10.2b4x). |
| Birds.10.2b4min Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 4 min | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 4 min’ is present | Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B198 | B198 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b4max Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 4 max | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 4 max’ is present | 1. Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B199  2. If check passed, check if Birds.10.2b4max ≥ Birds.10.2b4min  ✔Check passed  ✘Error in validation: message B200 | B199  B200 | Incorrect data format.  10.2b4max Statistics/quantity on season/year 4 - max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b4x Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 4 unknown | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 4 unknown’ is present | Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B201 | B201 | Invalid code. | **ERROR** | Invalid code. Code should be 'Yes' or 'No'. |
| If ‘Season/year 4 unknown’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B202 | B202 | Incorrect data format. | **ERROR** | Incorrect data format. This field cannot be empty. Code should be 'Yes' or 'No'. |
|  | Birds.10.2b5min, max, unknown Hunting bag - Statistics/quantity per hunting season or year over the reporting period – Season/year5  The following checks apply to min, max, unknown. Should appear at higher level (10.2b5). Only one error message is expected in this case in order to avoid any duplication. | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckInfoAnnexII | If at least one field of ‘Hunting bag -Statistics/quantity per hunting season or year […] – Season/year5’ is present | 1. When Birds.10.1 like 'YES'  Check if Birds.10.2b5min and Birds.10.2b5max are present  ✔Check passed  ✘Error in validation: message B203  (in the following check, we want to make sure that only min/max are provided with max > 0 and unknown is ticked as No, OR the opposite where unknown is yes and min/max should be 0)  2. If check passed, check if, check if (Birds.10.2b5max > 0 and Birds.10.2b5x like 'no') OR (Birds.10.2b5min and Birds.10.2b5max = 0 and Birds.10.2b5x like 'yes')  ✔Check passed  ✘Error in validation: message B204 | B203  B204 | Min/max value should be provided systematically for all seasons.  Incoherent information. | **ERROR**  **ERROR** | Min/max value should be provided systematically for all seasons. Report '0' if no hunting bag or there was a temporary ban.  Incoherent information provided. Only min/max or unknown value is expected for 10.2b5 Statistics/quantity per hunting season or year over the reporting period – Season/year5. |
| If all fields of ‘Hunting bag - Statistics/quantity per hunting season or year […] – Season/year5’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B205 | B205 | Mandatory information missing. | **ERROR** | Mandatory information missing. Statistics/quantity per hunting season or year over the reporting period – Season/year5 should be provided (10.2b5min, 10.2b5max, 10.2b5x). |
| Birds.10.2b5min Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 5 min | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 5 min’ is present | Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B206 | B206 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b5max Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 5 max | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 5 max’ is present | 1. Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B207  2. If check passed, check if Birds.10.2b5max ≥ Birds.10.2b5min  ✔Check passed  ✘Error in validation: message B208 | B207  B208 | Incorrect data format.  10.2b5max Statistics/quantity on season/year 5 - max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b5x Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 5 unknown | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 5 unknown’ is present | Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B209 | B209 | Invalid code. | **ERROR** | Invalid code. Code should be 'Yes' or 'No'. |
| If ‘Season/year 5 unknown’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B210 | B210 | Incorrect data format. | **ERROR** | Incorrect data format. This field cannot be empty. Code should be 'Yes' or 'No'. |
|  | Birds.10.2b6min, max, unknown Hunting bag - Statistics/quantity per hunting season or year over the reporting period – Season/year6  The following checks apply to min, max, unknown. Should appear at higher level (10.2b6). Only one error message is expected in this case in order to avoid any duplication. | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckInfoAnnexII | If at least one field of ‘Hunting bag -Statistics/quantity per hunting season or year […] – Season/year6’ is present | 1. When Birds.10.1 like 'YES'  Check if Birds.10.2b6min and Birds.10.2b6max are present  ✔Check passed  ✘Error in validation: message B211  (in the following check, we want to make sure that only min/max are provided with max > 0 and unknown is ticked as No, OR the opposite where unknown is yes and min/max should be 0)  2. If check passed, check if, check if (Birds.10.2b6max > 0 and Birds.10.2b6x like 'no') OR (Birds.10.2b6min and Birds.10.2b6max = 0 and Birds.10.2b6x like 'yes')  ✔Check passed  ✘Error in validation: message B212 | B211  B212 | Min/max value should be provided systematically for all seasons.  Incoherent information. | **ERROR**  **ERROR** | Min/max value should be provided systematically for all seasons. Report '0' if no hunting bag or there was a temporary ban.  Incoherent information provided. Only min/max or unknown value is expected for 10.2b6 Statistics/quantity per hunting season or year over the reporting period – Season/year6. |
| If all fields of ‘Hunting bag - Statistics/quantity per hunting season or year […] – Season/year6’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B213 | B213 | Mandatory information missing. | **ERROR** | Mandatory information missing. Statistics/quantity per hunting season or year over the reporting period – Season/year6 should be provided (10.2b6min, 10.2b6max, 10.2b6x). |
| Birds.10.2b6min Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 6 min | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 6 min’ is present | Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B214 | B214 | Incorrect data format. | **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b6max Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 6 max | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 6 max’ is present | 1. Check the data type and ≥ 0  ✔Check passed  ✘Error in validation: message B215  2. If check passed, check if Birds.10.2b6max ≥ Birds.10.2b6min  ✔Check passed  ✘Error in validation: message B216 | B215  B216 | Incorrect data format.  10.2b6max Statistics/quantity on season/year 6 - max should be ≥ min. | **ERROR**  **ERROR** | Incorrect data format. Numeric field, only decimals ≥ 0 are permitted. |
| Birds.10.2b6x Hunting bag - Statistics/quantity per hunting season or year over the reporting period - Season/year 6 unknown | | | | | |
| **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| If ‘Season/year 6 unknown’ is present | Check if the reported value is 'YES' or 'NO'  ✔Check passed  ✘Error in validation: message B217 | B217 | Invalid code. | **ERROR** | Invalid code. Code should be 'Yes' or 'No'. |
| If ‘Season/year 6 unknown’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B218 | B218 | Incorrect data format. | **ERROR** | Incorrect data format. This field cannot be empty. Code should be 'Yes' or 'No'. |
|  | Birds.10.3 Hunting bag or quantity taken in the wild Method used | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
| CheckLUtable | If ‘Hunting bag Method used’ is present | Check if the reported value is in the vocabulary: methodsUsed.  ✔Check passed  ✘Error in validation: message B219 | B219 | Invalid code. | **BLOCKER** | Invalid code. Please check the [vocabulary methodsUsed](http://dd.eionet.europa.eu/vocabulary/art12_2018/methodsUsed/view). |
|  | If ‘Hunting bag Method used’ **not** present | When occurrence = 'PRE'  Check if Birds.10.0 = 'YES' or Birds.10.1 like 'NO'  ✔Check passed  ✘Error in validation: message B220 | B220 | Mandatory information missing. | **ERROR** | Mandatory information missing. The method should be provided. In case the information to be reported in this section is not available use 'AbsentData - Insufficient or no data available'. |
|  | Spec.3.5 Additional information | | | | | |
|  | **Rule explanation** | | **Error code** | **Error message** | **Error class** | **Description for users** |
|  | No check | | | | | |