# RDBES revision of CL and CE tables

10 March 2020

**CL table**

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| --- | --- | --- | --- | --- | --- |
| **Order** | **Name** | **Type** | **Req.** | **Basic checks** | **Comments** |
| 1 | Record type | String | M | Code list | Fixed value CL. |
| 2 | Data type of scientific weight | String | M | Code list | “Census”: for data coming from official census data (e.g. logbooks, sales notes, declarative forms).  “Estimate”: for data coming from estimates based on sampling  Dot not provide overlapping data. |
| 3 | Data source of scientific weight | String | M | Code list | Source of the data proveded in the table.  For census data: “Logbook”, “Sales notes”, “Other declarative forms”, “Combination of census data”, "Sampling data" |
| 4 | National Programme behind scientific weight | String | O | Code list | Indicate the sampling scheme in the national program (EU table 5A) if the ‘Data source of the scientific weight’ is from sampling data. |
| 5 | Data source landings value | String | M | Code list | “Sales notes”: if value of landings are derived directly from the sales notes  “Average prices”: if value of landings are estimated based on average prices  “Combination of sales note and average prices”: if data sources are combined  “Other”: if value of landings are estimated from other sources |
| 6 | Landing country | String | M | Code list | ISO 3166 alpha-3 codes. In the special case where a vessel lands the catch in country A, but the catch is transported directly to country B, it should be registered as if it had been landed in country B. |
| 7 | Vessel flag country | String | M | Code list | ISO 3166 alpha-3 codes. The flag country of the vessel. This may be different from the landing country (see description of landing country). |
| 8 | Year | Integer | M | Code list | 1900 - 3000. |
| 9 | Quarter | Integer | M | Code list | 1-4. |
| 10 | Month | Integer | O | Code list | 1-12. |
| 11 | Area | String | M | Code list | Most detailed FAO area (http://www.fao.org/fishery/area/search/en).  E.g. ICES division 27.4.c, subdivisions in the Baltic Sea (e.g. 27.3.d.25).  Division in Mediterranean and Black Seas (e.g. 37.1.1) and NAFO (e.g. 21.1A). |
| 12 | Statistical rectangle | String | M | Code list | Ices statistical rectangle (e.g. 41G9), mandatory for FAO area 27. Use ‘99x9’ if unknown. |
| 13 | GSA subarea | String | M | Code list | GSA subarea, mandatory for FAO area 37 (Mediterranean and Black Sea). Use ‘99x9’ if unknown |
| 14 | EEZ (Exclusive Economic Zone) | String | M | Code list | EEZ indicator  “EU”: EU waters  “RFMO”: International waters  “COAST”: non-EU coastal waters |
| 15 | Species | Integer | M | Code list | The AphiaID, which is a 6 digit code, is used for the species in the species field. The AphiaIDs are maintained by WoRMS. Only species AphiaIDs with status “Accepted” or “Alternate Representation” are allowed. |
| 16 | Species FAO code | String | O | Code list | FAO alpha-3 species code |
| 17 | Landing category | String | M | Code list | The intended usage at the time of landing. This should match the comparable field in the SL record (whether or not the fish was actually used for this or another purpose). Codes: “IND” = industry or “HUC” = human consumption or “None” for logbook registered discards. |
| 18 | Catch category |  | M | Code list | “LAN”: Landings  “REGDIS”: Logbook registered discards  “BMS”: landings below minimum reference size |
| 19 | Commercial size category scale | String | O | Code list | Commercial sorting scale code (optional for unsorted landings). |
| 20 | Commercial size category | Integer | O | Code list | Commercial sorting category in the given scale (optional for unsorted landings). |
| 21 | National fishing activity | String | O | Code list | Fishing activity (like métier) – National level as defined by each country. |
| 22 | Metier 6 fishing activity | String | M | Code list | RCG accepted métier level 6 codes |
| 23 | Mitigation device | String | M | Code list | Mitigation devices: Sorting grid, functional pingers, seal excluder device and turtle excluder device, unknown, None. |
| 24 | Harbour | String | M | Code list | Landing harbour. Using harbour LOCODE codes (5 alpha- numeric) from the European Master Data Register Code- Location.xls |
| 25 | Vessel length category | String | M | Code list | Grouping of vessels into fleet segments according to the vessel length categories defined in RDBES code list. |
| 26 | Official weight | Integer | M | 0-2 000 000 000 (i.e. 2 million t) | Live weight in kg |
| 27 | Scientific weight | Integer | M | 0-2 000 000 000 (i.e. 2 million t) | The estimated scientific weight. Can be the same as official weight or adjusted. |
| 28 | Explain difference | String | M | Code list | Explaining the differences between official weight and scientific weight. Can be “Sample data”, “Unallocated catches”, “Area misreporing”, “Correction for overweight in boxes”. |
| 29 | Total official landings value | Integer | M | 1-100 000 000 | In €. Official sales value of the landings. Here, the estimated landings value can be reported. If logbook registered discards, put NA.  Conversion factors by month can be found here: http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=ei\_mfrt\_m&lang=en |
| 30 | Number of unique vessels | Integer | M | 1-100 000 | Number of the active unique vessels within the aggregation level. This field should not be aggregated or use for any other purpose that check the number of vessels at the aggregation level of the data. |
| 31 | Landings RSE | Integer | O | 0-1 | Relative Standard Error of the estimated landings  For census data: NA |
| 32 | Value RSE | Integer | O | 0-1 | Relative Standard Error of the estimated value of landings  For census data: NA |
| 33 | Qualitative bias | String | M | Code list | For estimated data: A semi‐quantitative scale ranging from +++ (large overestimate) to −−− (large underestimate) can be used as in Hyder et al 2017  For census data: NA |
| 34 | Fishing Technique | String | O | Code list | Indicating which fishing technique there have been used. For EU FDI data. |
| 35 | Deep Sea Regulation | String | O | Code list | Indicating if the fishery is in the deep sea EU regulation ‘Yes’ or not ‘No’. For EU FDI data. |

**CE table**

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| --- | --- | --- | --- | --- | --- |
| **Order** | **Name** | **Type** | **Req.** | **Basic checks** | **Comments** |
| 1 | Record type | String | M | Code list | Fixed value CE. |
| 2 | Data type for scientific effort | String | M | Code list | “Census”: for data coming from official census data (e.g. logbooks, sales notes, declarative forms).  “Estimate”: for data coming from estimates based on sampling  Dot not provide overlapping data. |
| 3 | Data source for scientific effort | String | M | Code list | Source of the data proveded in the table.  For census data: “Logbook”, “Sales notes”, “Other declarative forms”, “Combination of census data”, "Sampling data" |
| 4 | National Programme behind scientific effort | String | O | Code list | Indicate the sampling scheme in the national program (EU table 5A) if the ‘Data source of the scientific effort’ is from sampling data. |
| 5 | Vessel flag country | String | M | Code list | ISO 31661 alpha-3 codes. The flag country of the vessel. |
| 6 | Year | Integer | M | Code list | 1900-3000. |
| 7 | Quarter | Integer | M | Code list | 1-4. |
| 8 | Month | Integer | O | Code list | 1-12. |
| 9 | Area | String | M | Code list | Most detailed FAO area (http://www.fao.org/fishery/area/search/en).  E.g. ICES division 27.4.c, subdivisions in the Baltic Sea (e.g. 27.3.d.25).  Division in Mediterranean and Black Seas (e.g. 37.1.1) and NAFO (e.g. 21.1A). |
| 10 | Statistical rectangle | String | M | Code list | Ices statistical rectangle (e.g. 41G9), mandatory for FAO area 27. Use ‘99x9’ if unknown. |
| 11 | GSA subarea | String | M | Code list | GSA subarea, mandatory for FAO area 37 (Mediterranean and Black Sea). Use ‘99x9’ if unknown |
| 12 | EEZ (Exclusive Economic Zone) | String | M | Code list | EEZ indicator  “EU”: EU waters  “RFMO”: International waters  “COAST”: non-EU coastal waters |
| 13 | National fishing activity | String | O | Code list | Fishing activity (like métier) – National level as defined by each country. |
| 14 | Metier 6 fishing activity | String | M | Code list | RCG accepted métier level 6 codes |
| 15 | Mitigation device | String | M | Code list | Mitigation devices: Sorting grid, functional pingers, seal excluder device and turtle excluder device, unknown, None. |
| 16 | Harbour | String | M | Code list | Landing harbour. Using harbour LOCODE codes (5 alpha-numeric) from the European Master Data Register Code- Location.xls |
| 17 | Vessel length category | String | M | Code list | Grouping of vessels into fleet segments according to the vessel length categories defined in RDBES code list. |
| 18 | Number of fraction trips | Decimal (2 decimals) | M | 0.01-50 000 | A trip is defined as the period between when a vessel departs from a port (or factory ship) and arrives at a port (or factory ship) for discharge of the landings.  If a trip covers more than one area/rectangle/métier/month, the trip should be split up according to effort, following principles agreed on the 2nd Workshop on Transversal Variables\* on splitting up days at sea.  In the case of small-scale fisheries, one landing can equal one day at sea. |
| 19 | Number of dominant trips | Decimal (2 decimals) | M | 0-50 000 | If a trip covers more than one rectangle, the rectangle with the most fishing is used. A trip is defined as the period between when a vessel departs from a port (or factory ship) and arrives at a port (or factory ship) for discharge of the catch |
| 20 | Official days at sea | Decimal (2 decimals) | M | 0.01-25 000 | Number of days at sea following principles agreed on the 2nd Workshop on Transversal Variables\*.  In the case of small-scale fisheries, one landing can equal one day at sea. |
| 21 | Scientific days at sea | Decimal (2 decimals) | M | 0.01-25 000 | Days at sea after reallocation (e.g. based on VMS analysis). Can be equal to official days at sea. |
| 22 | Official fishing days | Decimal (2 decimals) | M | 0.01-25 000 | Number of fishing days per ICES rectangle, following principles agreed on the 2nd Workshop on Transversal Variables\*. |
| 23 | Scientific fishing days | Decimal (2 decimals) | M | 0.01-25 000 | Fishing days after reallocation (e.g. based on VMS analysis)  Can be equal to official days at sea. |
| 24 | Complete data set for fishing hours | String | M | Code list | Indicate 'Yes' where the four following fields 24, 25, 26 and 31 (CEnumberOfHaulsOrSets, CEvesselFishingHour, CEsoakingMeterHour and CEkWFishingHours) all have the complete data and not partial data. Indicate 'No' where 0 would be inserted into the four fields. |
| 25 | Number of hauls/sets | Integer | O | 1-250 000 | Number of hauls or settings of gear. |
| 26 | Vessel fishing time | Decimal (2 decimals) | O | 0.01-1 200 000 | Active gears. The number of hours the vessel is conducting fishing related activity. |
| 27 | Soaking time | Decimal (2 decimals) | O | 0.01-1 200 000 | For passive gears, the number of hours the gear is fishing. |
| 28 | Official kW Days at sea | Integer | M | 1-2 500 000 | Vessel kW\*Days at sea |
| 29 | Scientific kW Days at sea | Integer | M | 1-2 500 000 | Effort after reallocation (e.g. based on VMS)  Can be equal to official days at sea. |
| 30 | Official kW Fishing days | Integer | M | 1-2 500 000 | Vessel kW\*Fishing days |
| 31 | Scientific kW Fishing days | Integer | M | 1-2 500 000 | Effort after reallocation (e.g. based on VMS)  Can be equal to official days at sea. |
| 32 | kW fishing hours | Integer | O | 1-2 500 000 | Vessel kW\*Fishing hours |
| 33 | GT Days at sea | Integer | M | 1-2 500 000 | Vessel GT (Gross Tonnage)\*Days at sea |
| 34 | GT Fishing days | Integer | M | 1-2 500 000 | Vessel GT (Gross Tonnage)\*Fishing days |
| 35 | GT Fishing hours | Integer | O | 1-2 500 000 | Vessel GT (Gross Tonnage)\*Fishing hours |
| 36 | Number of unique vessels | Integer | M | 1-100 000 000 | Number of the active unique vessels |
| 37 | Effort RSE | Decimal (2 decimals) | M | 0-1 | Relative Standard Error of the estimated effort  For census data: NA |
| 38 | Qualitative bias | String | M | Code list | For estimated data: A semi‐quantitative scale ranging from +++ (large overestimate) to −−− (large underestimate) can be used as in Hyder et al 2017  For census data: NA |
| 39 | Fishing Technique | String | O | Code list | Indicating which fishing technique there have been used. For EU FDI data. |
| 40 | Deep Sea Regulation | String | O | Code list | Indicating if the fishery is in the deep sea EU regulation ‘Yes’ or not ‘No’. For EU FDI data. |

\*See report: 2016 2nd Workshop on Transversal Variables (Nicosia): <https://datacollection.jrc.ec.europa.eu/documents/10213/891027/2016_WorkshopTransversal+Variables_2nd.pdf>