Meta-data for working group data templates

# RV data

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| --- | --- |
| **Variable** | **Description** |
| Region\* | Region ID |
| year\_surv\* | Year associated with the survey period. For example if two sets were collected December 28, 2017 and January 7, 2018, they would have the same year\_surv. |
| year\* | Year the data was collected |
| month\* | Month the data was collected |
| day\* | Day the data was collected |
| strata\* | Stratum ID in which the data was collected |
| strata\_area\* | Area covered by stratum (in km2) |
| set\* | Set ID in which the data was collected |
| trip\* | Trip during which the data was collected |
| vessel\* | Vessel used to collect data |
| nafo\* | Northwest Atlantic Fisheries Organization zone where the data was collected |
| shrimp\_sp | Abundance of general unidentified shrimp (in kilograms) |
| pandalus\_sp | Abundance of general pandalid shrimp (in kilograms) |
| pandalus\_borealis | Abundance of northern shrimp (in kilograms) |
| pandalus\_montagui | Abundance of striped shrimp (in kilograms) |
| chionoecetes\_opilio | Abundance of snow crab (in kilograms) |
| gadus\_morhua | Abundance of Atlantic cod (in kilograms) |
| reinhardtius\_hippoglossoides | Abundance of turbot (in kilograms) |
| sebastes\_mentella | Abundance of redfish (in kilograms) |
| large\_benthivores | Abundance of large benthivore species excluding species listed above (in kilograms) |
| medium\_benthivores | Abundance of medium benthivore species excluding species listed above (in kilograms) |
| small\_benthivores | Abundance of small benthivore species excluding species listed above (in kilograms) |
| piscivores | Abundance of piscivore species excluding species listed above (in kilograms) |
| planktivores | Abundance of planktivore species excluding species listed above (in kilograms) |
| plankpiscivores | Abundance of plankpiscivore species excluding species listed above (in kilograms) |
| shellfish | Abundance of shellfish species excluding species listed above (in kilograms) |

\* These should correspond to the same survey ID values in the Diet data and Abiotic data; we should be able to uniquely link data here to a row in Diet data and Abiotic data tabs.

# Diet data

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| --- | --- |
| **Variable** | **Description** |
| region | Region ID |
| year\_surv\* | Year associated with the survey period. For example if two sets were collected December 28, 2017 and January 7, 2018, they would have the same year\_surv. |
| year\* | Year the data was collected |
| month\* | Month the data was collected |
| day\* | Day the data was collected |
| strata\* | Stratum ID in which the data was collected |
| strata\_area\* | Area covered by stratum (in km2) |
| set\* | Set ID in which the data was collected |
| trip\* | Trip during which the data was collected |
| vessel\* | Vessel used to collect data |
| nafo\* | Northwest Atlantic Fisheries Organization zone where the data was collected |
| stomach\_id | Unique identifier for individual stomachs |
| predator\_species | Use full scientific name (e.g. *Gadus morhua*) |
| predator\_length | Length of predator (in cm) |
| shrimp\_weight | Weight of unidentified shrimp in stomach (in grams) |
| pandalus\_sp\_weight | Weight of unidentified pandalid shrimp in stomach (in grams) |
| pandalus\_borealis\_weight | Weight of northern shrimp in stomach (in grams) |
| pandalus\_montagui\_weight | Weight of striped shrimp in stomach (in grams) |
| chionoecete\_opilio\_weight | Weight of snow crab in stomach (in grams) |
| foragefish\_weight | Weight of forage fish in stomach. Forage fish species in this category may differ by region (in grams). May include capelin, sand lance, smelt, herring and arctic cod. |
| other\_weight | Weight of everything else in stomach (in grams) |
| comments | If there are any associated comments with the data. |

\* These should correspond to the same survey ID values in the RV data and Abiotic data; we should be able to uniquely link data here to a row in RV data and Abiotic data tabs.

# Abiotic data

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| --- | --- |
| **Variable** | **Description** |
| region\* | Region ID |
| year\_surv\* | Year associated with the survey period. For example if two sets were collected December 28, 2017 and January 7, 2018, they would have the same year\_surv. |
| year\* | Year the data was collected |
| month\* | Month the data was collected |
| day\* | Day the data was collected |
| strata\* | Stratum ID in which the data was collected |
| strata\_area\* | Area covered by stratum (in km2) |
| set\* | Set ID in which the data was collected |
| trip\* | Trip during which the data was collected |
| vessel\* | Vessel used to collect data |
| nafo\* | Northwest Atlantic Fisheries Organization zone where the data was collected |
| latitude | In decimal degrees |
| longitude | In decimal degrees |
| depth | Depth of the trawl sample (in meters) |
| temperature\_at\_bottom | In Celsius |
| tow\_length | In kilometers |
| salinity**+** | Measure of salinity |
| oxygen**+** | Measure of oxygen concentration at the bottom of the trawl |

\* These should correspond to the same survey ID values in the RV data and Diet data; we should be able to uniquely link data here to a row in RV data and Diet data tabs.

**+** Include salinity and oxygen level if available.