



**Table III.A.1 General description of the fishing sector**

|   |   | Country                               |             | Estonia        |                |                    |                        |
|---|---|---------------------------------------|-------------|----------------|----------------|--------------------|------------------------|
|   |   | NP years                              |             | 2009-2010      |                |                    |                        |
| Region  | Sub-area  | Target species or species assemblages |             |                |                |                    |                        |
|   |   | Demersal (a)                          | Pelagic (a) | Industrial (b) | Deep-water (a) | Tuna and tuna-like | Other highly migratory |
| Baltic Sea  | ICES areas III b-d                                | Yes                                   | Yes         | No             | No             |                    |                        |
| North Sea and Eastern Arctic  | ICES Sub-areas I, II, IIIa, IV and VIId           | No                                    | No          | No             | Yes            | No                 | No                     |
| North Atlantic  | ICES Sub-areas V, XIV (excl. VIId), and NAFO area | Yes                                   | No          | No             | Yes            | No                 | No                     |
| Mediterranean Sea and Black Sea   | All geographical sub-areas                        | No                                    | No          | No             | No             | No                 | No                     |
| Other regions where fisheries are operated by EU vessels and managed by RFMOs   | Central East Atlantic                             | No                                    | No          | No             | No             | No                 | No                     |
|   | Antarctic   | No                                    | No          | No             | No             | No                 | No                     |
|   | Central West Atlantic                             | No                                    | No          | No             | No             | No                 | No                     |
|   | Indian Ocean                                      | No                                    | No          | No             | No             | No                 | No                     |
|   | Pacific Ocean                                     | No                                    | No          | No             | No             | No                 | No                     |
| (a) Including fish, crustaceans and molluscs                                    |   |                                       |             |                |                |                    |                        |
| (b) Fisheries targeting species for the production of fish meal, fish oil, etc. |   |                                       |             |                |                |                    |                        |

**Table III.B.1 Population segments for collection of economic data**

|  |   |                 |                            |  |   | Country           | Estonia   |
|--|---|-----------------|----------------------------|--|---|-------------------|-----------|
|  |   |                 |                            |  |   | NP years          | 2009-2010 |
| Supra region   | Fleet segment (c)                                     | Reference years | Total population no. N (b) | Planned sample no. (a) (b)<br>-----<br>P | Planned sample rate (a)<br>-----<br>P/N*100 (%) | Sampling strategy |           |
| Baltic Sea, North Sea and Eastern Arctic, and North Atlantic   | Pelagic trawlers : 12-<18m                            | 2008            | 28                         | 20                                       | 71  | Stratified random |           |
| Baltic Sea, North Sea and Eastern Arctic, and North Atlantic   | Pelagic trawlers : 24-<40m                            | 2008            | 40                         | 30                                       | 75  | Stratified random |           |
| Baltic Sea, North Sea and Eastern Arctic, and North Atlantic   | Vessels using Polyvalent "passive" gears only; 0-<10m | 2008            | 793                        | 100                                      | 13  | Stratified random |           |
| Baltic Sea, North Sea and Eastern Arctic, and North Atlantic   | Vessels using other Passive gears; 10-<12m            | 2008            | 89                         | 25                                       | 28  | Stratified random |           |
| Baltic Sea, North Sea and Eastern Arctic, and North Atlantic   | Pelagic trawlers; 40m or larger                       | 2008            | 6                          | 6  | 100   | Exhaustive        |           |
| Baltic Sea, North Sea and Eastern Arctic, and North Atlantic   | Pelagic trawlers : 12-<18m                            | 2009            | 28                         | 20                                       | 71  | Stratified random |           |
| Baltic Sea, North Sea and Eastern Arctic, and North Atlantic   | Pelagic trawlers : 24-<40m                            | 2009            | 40                         | 30                                       | 75  | Stratified random |           |
| Baltic Sea, North Sea and Eastern Arctic, and North Atlantic   | Vessels using Polyvalent "passive" gears only; 0-<10m | 2009            | 793                        | 100                                      | 13  | Stratified random |           |
| Baltic Sea, North Sea and Eastern Arctic, and North Atlantic   | Vessels using other Passive gears; 10-<12m            | 2009            | 89                         | 25                                       | 28  | Stratified random |           |
| Baltic Sea, North Sea and Eastern Arctic, and North Atlantic   | Pelagic trawlers; 40m or larger                       | 2009            | 5                          | 5  | 100   | Exhaustive        |           |
|  |   |                 |                            |  |   |                   |           |
|  |   |                 |                            |  |   |                   |           |
|  |   |                 |                            |  |   |                   |           |
|  |   |                 |                            |  |   |                   |           |
|  |   |                 |                            |  |   |                   |           |
| (a) Where planned sample nos. and rates differ for the estimation of different parameters within a segment, please give the appropriate range. |   |                 |                            |  |   |                   |           |
| (b) planned sample can be modified based on updated information on the total population (fleet register)                                       |   |                 |                            |  |   |                   |           |
| (c) put an asterisk in the case the segment has been clustered with other segment(s)   |   |                 |                            |  |   |                   |           |

**Table III.B.2 Clustering of fleet segments**

|                       |                 |                                      |  | Country                                  | Estonia        |
|-----------------------|-----------------|--------------------------------------|--|--|----------------|
|                       |                 |                                      |  | NP years                                 | 2009-2010      |
| Supra region          | Reference years | Name of the clustered fleet segments | Total number of vessels in the cluster | Fleet segments which have been clustered | No. Of vessels |
| Baltic Sea            | 2008            | Pelagic trawlers : 12-<18m           | 28                                     | Demersal trawlers : 12-<18m              | 4              |
|                       |                 |                                      |  | Netters/seiners: 12-<18m                 | 2              |
|                       |                 |                                      |  | Pelagic trawlers : 12-<18m               | 17             |
|                       |                 |                                      |  | Demersal trawlers : 18-<24m              | 1              |
|                       |                 |                                      |  | Pelagic trawlers : 18-<24m               | 4              |
| Baltic Sea            | 2008            | Pelagic trawlers : 24-<40m           | 40                                     | Demersal trawlers 24-<40m                | 2              |
|                       |                 |                                      |  | Netters/longliners 24-<40m               | 1              |
|                       |                 |                                      |  | Pelagic trawlers 24-<40m                 | 37             |
| North Atlantic (NAFO) | 2008            | Pelagic trawlers; 40m or larger      | 6                                      | Pelagic trawlers; 40m or larger          | 1              |
|                       |                 |                                      |  | Demersal trawlers; 40m or larger         | 5              |
| Baltic Sea            | 2009            | Pelagic trawlers : 12-<18m           | 28                                     | Demersal trawlers : 12-<18m              | 4              |
|                       |                 |                                      |  | Netters/seiners: 12-<18m                 | 2              |
|                       |                 |                                      |  | Pelagic trawlers : 12-<18m               | 17             |
|                       |                 |                                      |  | Demersal trawlers : 18-<24m              | 1              |

**Table III.B.3 Sampling strategy**

|                         |                        |                     |                          |                                | <b>Country</b>            | Estonia                   |
|-------------------------|------------------------|---------------------|--------------------------|--------------------------------|---------------------------|---------------------------|
|                         |                        |                     |                          |                                | <b>NP years</b>           | 2009-2010                 |
| <b>Variables</b>        | <b>Reference years</b> | <b>Data sources</b> | <b>Sampling strategy</b> | <b>Data Quality Method (a)</b> | <b>Planned target (b)</b> | <b>Fleet segments (c)</b> |
| Gross value of landings | 2008                   | logbook             | Exhaustive               | Census                         |                           | all segments              |
| Other income            | 2008                   | questionnaires      | Fixed panel              | Coverage rate                  | 10%                       | all segments              |
| Gross value of landings | 2009                   | logbook             | Exhaustive               | Census                         |                           | all segments              |
| Other income            | 2009                   | questionnaires      | Fixed panel              | Coverage rate                  | 10%                       | all segments              |
|                         |                        |                     |                          |                                |                           |                           |
|                         |                        |                     |                          |                                |                           |                           |
|                         |                        |                     |                          |                                |                           |                           |

(a) specify the methods use and the planned target

(b) planned quality target shall refer to the first year of the implementation of the NP. For subsequent years, targets may be adjusted according to past experience

(c) fleet segments can be reported as "all segments" in the case the sampling strategy is the same for all segments, otherwise MS should specify the segments for which a specific sampling strategy has been used

Table III.C.1 Selection of metiers to be sampled

|     |                 |                                |                |           |                        |                     |           |                |             |                 |                   |                | Country        | Estonia           |  |  |
|-----|-----------------|--------------------------------|----------------|-----------|------------------------|---------------------|-----------|----------------|-------------|-----------------|-------------------|----------------|----------------|-------------------|--|--|
|     |                 |                                |                |           |                        |                     |           |                |             |                 |                   |                | NP years       | 2009-2010         |  |  |
| MS  | Reference years | Region                         | Fishing ground | Gear LVL4 | Target Assemblage LVL5 | Metier LVL6         | Effort    | Total Landings | Total Value | Selected Effort | Selected Landings | Selected Value | Selected Other | Selected Discards |  |  |
| EST | 2006-2007       | Baltic Sea                     | IIIb-d         | OTB       | Small pelagic          | OTB_SPF_100_0_0     | 1624*     | 2544           | 107879      | NA              | N                 | N              | N              | N                 |  |  |
| EST | 2006-2007       | Baltic Sea                     | IIIb-d         | OTM       | Small pelagic          | OTM_SPF_100_0_0     | 37468*    | 62700          | 8888962     | NA              | Y                 | Y              | N              | N                 |  |  |
| EST | 2006-2007       | Baltic Sea                     | IIIb-d         | PTB       | Small pelagic          | PTB_SPF_100_0_0     | 207*      | 204            | 27639       | NA              | N                 | N              | N              | N                 |  |  |
| EST | 2006-2007       | Baltic Sea                     | IIIb-d         | PTM       | Small pelagic          | PTM_SPF_100_0_0     | 1622*     | 3615           | 496197      | NA              | Y                 | N              | N              | N                 |  |  |
| EST | 2006-2007       | Baltic Sea                     | IIIb-d         | GNS       | Demarsal fish          | GNS_DEF >=36_0_0    | 5321936** | 1326           | 1689837     | NA              | N                 | Y              | N              | N                 |  |  |
| EST | 2006-2007       | Baltic Sea                     | IIIb-d         | FPN       | Small pelagic          | FPN_SPF>=16_0_0     | 1918**    | 6514           | 871353      | NA              | Y                 | Y              | N              | N                 |  |  |
| EST | 2006-2007       | Baltic Sea                     | IIIb-d         | FYK       | Demarsal fish          | FYK_DEF>=16_0_0     | 50720**   | 1328           | 990114      | NA              | N                 | Y              | N              | N                 |  |  |
| EST | 2006-2007       | Baltic Sea                     | IIIb-d         | SDN       | Demarsal fish          | SDN_DEF >=100_0_0   | 502***    | 55             | 25055       | NA              | N                 | N              | N              | N                 |  |  |
| EST | 2006-2007       | Baltic Sea                     | IIIb-d         | SB        | Demarsal fish          | SB_DEF_X_0_0        | 156***    | 11             | 4651        | NA              | N                 | N              | N              | N                 |  |  |
| EST | 2006-2007       | Baltic Sea                     | IIIb-d         | LLS       | Demarsal fish          | LLS_X_0_0           | 186228**  | 21,5           | 36292       | NA              | N                 | N              | N              | N                 |  |  |
|     |                 |                                |                |           |                        |                     |           |                |             |                 |                   |                |                |                   |  |  |
| EST | 2006-2007       | North Atlantic                 | 3LM            | OTB       | Crustaceans            | OTB_CRU_40_2_19-22  | 971       | 11532          | 18261662    | Y               | Y                 | Y              | N              | N                 |  |  |
| EST | 2006-2007       | North Atlantic                 | 3MNO           | OTB       | Demarsal fish          | DTB_DEF_130-280_0_0 | 296       | 12808          | 22446952    | Y               | Y                 | Y              | N              | N                 |  |  |
| EST | 2006-2007       | North Atlantic                 | 3M             | OTB       | Cephalopods            | OTB_CEP_140_0_0     | 11        | 22             | 26437       | N               | N                 | N              | N              | N                 |  |  |
| EST | 2006-2007       | North Atlantic                 | XII            | OTM       | Demarsal fish          | OTM_DEF_145_0_0     | 42        | 201            | 390543      | N               | N                 | N              | N              | N                 |  |  |
|     |                 |                                |                |           |                        |                     |           |                |             |                 |                   |                |                |                   |  |  |
| EST | 2006-2007       | North Sea and Eastern Atlantic | I-II           | OTM       | Crustaceans            | OTM_CRU_40_2_19-22  |           | 65             | 138056      | N               | N                 | N              | N              | N                 |  |  |



















**Table IV.A.1. - General overview of aquaculture activities**

|               |                          |            |          |       |                              |           |        | Country  | Estonia   |
|---------------|--------------------------|------------|----------|-------|------------------------------|-----------|--------|----------|-----------|
|               |                          |            |          |       |                              |           |        | NP years | 2009-2010 |
|               | Fish farming techniques  |            |          |       | Shellfish farming techniques |           |        |          |           |
|               | Land based farms         |            |          | Cages |                              |           |        |          |           |
|               | Hatcheries and Nurseries | On growing | Combined | Cages | Rafts                        | Long line | Bottom | Other    |           |
| Rainbow trout |                          | 7          | 3        | 1     |                              |           |        |          |           |

**Table IV.A.2. - Population segments for collection of aquaculture data**

|               |                          |                            |  | Country   | Estonia           |
|---------------|--------------------------|----------------------------|--|---|-------------------|
|               |                          |                            |  | NP years  | 2009-2010         |
| Segment       | Year to which data refer | Total population no. N (b) | Planned sample no. (a) (b)<br>-----<br>P | Planned sample rate (a)<br>-----<br>P/N*100 (%) | Sampling strategy |
| Rainbow trout | 2008                     | 11                         | 11                                       | 100   | Exhaustive        |
| Rainbow trout | 2009                     | 11                         | 11                                       | 100   | Exhaustive        |

(a) Where planned sample nos. and rates differ for the estimation of different parameters within a segment, please give the appropriate range.

(b) planned sample can be modified based on updated information on the total population



**Table IV.A.3 Sampling strategy - Aquaculture sector**

|                                     |                 |                    |                   |                         | Country            | Estonia      |
|-------------------------------------|-----------------|--------------------|-------------------|-------------------------|--------------------|--------------|
|                                     |                 |                    |                   |                         | NP years           | 2009-2010    |
| Variables (as listed in Appendix X) | Reference years | Data sources       | Sampling strategy | Data Quality Method (a) | Planned target (b) | Segments (c) |
| Turnover                            | 2008            | financial accounts | Exhaustive        | Census                  |                    | all segments |
| Energy costs                        | 2008            | questionnaires     | Exhaustive        | Census                  |                    | all segments |
| Turnover                            | 2009            | financial accounts | Exhaustive        | Census                  |                    | all segments |
| Energy costs                        | 2009            | questionnaires     | Exhaustive        | Census                  |                    | all segments |
|                                     |                 |                    |                   |                         |                    |              |
|                                     |                 |                    |                   |                         |                    |              |
|                                     |                 |                    |                   |                         |                    |              |

(a) specify the methods used and the planned target

(b) planned quality target shall refer to the first year of the implementation of the NP. For subsequent years, targets may be adjusted according to past experience

(c) segments can be reported as "all segments" in the case the sampling strategy is the same for all segments, otherwise MS should specify the segments for which a specific sampling strategy has been used

**Table IV.B.1. - Processing industry: Population segments for collection of economic data**

|                 |           |
|-----------------|-----------|
| <b>Country</b>  | Estonia   |
| <b>NP years</b> | 2009-2010 |

| <b>Segment (b)</b> | <b>Year to which data refer</b> | <b>Total population no.<br/>-----<br/>N</b> | <b>Planned sample no. (a)<br/>-----<br/>P</b> | <b>Planned sample rate (a)<br/>-----<br/>P/N*100 (%)</b> | <b>Sampling strategy</b> |
|--------------------|---------------------------------|---|---|--|--------------------------|
| Companies          | 2008                            | 90  | 50  | 56   | Stratified random        |
| Companies          | 2009                            | 90  | 50  | 56   | Stratified random        |
|                    |                                 |   |   |  |                          |
|                    |                                 |   |   |  |                          |
|                    |                                 |   |   |  |                          |

(a) Where planned sample nos. and rates differ for the estimation of different parameters within a segment, please give the appropriate range.

(b) in case of no stratification, put all the population

**Table IV.B.2 Sampling strategy - Processing industry**

|                                       |                 |                    |                   |                         | Country            | Estonia       |
|---------------------------------------|-----------------|--------------------|-------------------|-------------------------|--------------------|---------------|
|                                       |                 |                    |                   |                         | NP years           | 2009-2010     |
| Variables (as listed in Appendix XII) | Reference years | Data sources       | Sampling strategy | Data Quality Method (a) | Planned target (b) | Segments (c)  |
| Turnover                              | 2008            | financial accounts | Exhaustive        | Census                  |                    | all companies |
| Other operational costs               | 2008            | questionnaires     | Stratified random | Precision target, 10%   | 10%                | all companies |
| Other income                          | 2008            | questionnaires     | Stratified random | Precision target, 10%   | 10%                | all companies |
| Turnover                              | 2009            | financial accounts | Exhaustive        | Census                  |                    | all companies |
| Other operational costs               | 2009            | questionnaires     | Stratified random | Precision target, 10%   | 10%                | all companies |
| Other income                          | 2009            | questionnaires     | Stratified random | Precision target, 10%   | 10%                | all companies |
|                                       |                 |                    |                   |                         |                    |               |
|                                       |                 |                    |                   |                         |                    |               |
|                                       |                 |                    |                   |                         |                    |               |

(a) specify the methods use and the planned target

(b) planned quality target shall refer to the first year of the implementation of the NP. For subsequent years, targets may be adjusted according to past experience

(c) when a segmentation is not used, do not consider this column

