



Serial No. 472

Document No. 27

ANNUAL REPORT - MAY 1957GUIDE TO THE SAMPLESREPORTED TO THE COMMISSION

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The following notes may serve as a guide to the sampling data reported to the Commission in 1956, and published in I.C.N.A.F. circulars and meeting documents.

A considerable quantity of data is involved and as yet only a fraction of the data of some countries has been reported. Other countries have reported on all their samplings. Two countries, France and Italy, have reported no samplings.

Canada (Maritimes and Quebec) - See Document Serial No. 450

Length frequency of cod and halibut samples were reported by individual samples for 1955 and 1956.

Cod - In 3 ca. groups:-

1955,	38	samples	totaling	11,875	fish
1956,	43	samples	totaling	12,534	fish

Halibut - In 2 ca. groups:-

1955,	52	samples	totaling	12,790	fish
1956,	60	samples	totaling	18,632	fish

The samples reported were all taken from commercial landings after discarding undersized fish.

Sampling was stratified according to the size category in which the fish were landed. The figures were adjusted to give the length frequency of the whole catch. Data from the samples was not "raised" to the total commercial landings and length frequencies were not separated into sexes.

Discards were reported in the Research Report - Document Serial No. 446, E No. 3.

Canada (Newfoundland) - See Document Serial No. 450.

Cod and Halibut Length frequency reported (not separated by sex)

Data provisional - but complete data with full discussion promised for later in the year. Each frequency was adjusted according to the number of fish in the landings from which the samples were taken. These adjusted figures were then grouped by statistical subdivision/gears/and quarters (i.e. three month periods - January - March, April - June, July-September, October - December). Data were reported by centimeters.

Canada (Newfoundland) continued.....

Data were reported for 1955 and 1956.

cod

1955 (otter trawler only) 6,415 fish measured
1956 (all gears) 23,242 fish measured

halibut

1955 (otter trawlers only) 46,490 fish measured
1956 (otter trawlers only) 39,026 fish measured

Denmark - See Document Serial No. 44B.

Three samples of cod were reported on the forms circulated by the Secretariat.

These data give for each fish the length, weight, sex, age at first maturity, and age and year class.

The samples were taken from the catch of the research cutter "Adolf Jensen".

God - 1956 3 samples; 883 fish.

France No sampling reported.

Germany - See Document Serial No. 450

Ten samples of cod and three of reefish were reported in detail. These were market samples, from trawler landings, originally stratified according to market categories and adjusted to give the figures for the total landings.

Data were reported on age and length composition gutted right (for two of the samples), and of reefish length composition.

Guo

1956, 10 samples 4,817 fish measured, 194B aged.

Reefish

1956, 3 samples 680 fish measured.

Iceland - See Document Serial No. 452 and No. 2. (Icelandic Research Report)
All samples were taken from commercial landings.

Old Age frequency distribution given for the years 1952 - 1956.

Reefish Percentage length frequency distribution for year 1951 - 1956, based on 2 - 3 samples in the year. (3,271 fish).

Not reported by individual samples, nor sexes.

Uruguay - See Document Serial No. 471.

161 samples of cod were reported, seven from the "G. C. Sain", a research vessel and three from the "Lougva" a fishing vessel.

Samples taken by bottle, long line, pelagic long line, harp line and purse seine, all classed as commercial gear.

Data reported give age and length frequencies (in cm.) by sexes for each sample separately.

USA

1953, 1. samples 1,839 fish.

Portugal - See Documents Serial Nos. 454, 455, 468 and 469.

Data reported included a list of all samples taken from Subareas 1, 2, 3 and 4. These lists give month, statistic 1 subdivision, latitude and longitude, gear, number of specimens for each sample and some other observations where applicable. These included length measurements, weight, sex maturity and whether otoliths were collected, age and age at first maturity determined and whether examined for parasites.

Samples were taken at sea from the catches of otter trawlers and dory vessels after a trial commercial discarding.

USA

Subarea 1 Document Serial No. 455 (TD 14) 53 samples 7,302 fish

Subarea 2 Document Serial No. 454 (TD 13) 21 samples 2,300 fish.

Subarea 3 Document Serial No. 468 (TD 26) 12 samples 2,724 fish.

Data on length, sexes and ages etc., were summarized in the above documents. The original samples were not reported.

In addition the full wing samples were taken and listed in Document serial number 469, but a summary has been prepared.

Subdivision 3 53 samples 7,04 fish

Subdivision 4 15 samples 2,459 fish

Spain

The data on the Spanish cod and haddock sampling is given in Document serial No. 447 (TD 9).

All samples were taken on bona commercial vessels fishing in Subarea 3.

The data were summarized in 3 cm (25 - 27 etc) length groups.

Cod

The age composition (based on otoliths) of the Spanish samples 1953 - 1956.

Age and size of cod of 60 fish taken in 1956 were given in the first fish age/length key.

Spain continued.....

Haddock

The age composition (based on otoliths) of the Spanish samples 1954 - 1956 is given.

An age/length key based on 91 fish sampled in 1956 was given.

The data are not given separately by sexes.

United Kingdom - Document serial No. 456 (FD 15)

Data on 956 cod length measurements from Subarea 1, reported in 5 cm. length groups (45 - 49 etc).

The data are raised to total landings. Not separated by sexes.

United States - Document serial No. 470

Haddock 1955

Length composition of each month's otter trawler landings from statistical Subdivision 52. Raised figures based on 354 samples comprising 27,164 fish.

Reported in cm. Not separated by sexes.

Cod 1955

Percentage length composition of cod landings from Subarea 5 reported by quarters (January - March etc.). Reported in 3 cm. groups.

Data not separated by sexes.

Sampling was based on market categories but only the raised figures are reported in the document.