

NOAA Technical Memorandum NMFS-NE-318

2024 discard estimation, precision, and sample size analysis for 14 federally managed species groups in the waters off the northeastern United States

US DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Northeast Fisheries Science Center
Woods Hole, Massachusetts
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2024 discard estimation, precision, and sample size analysis for 14 federally managed species groups in the waters off the northeastern United States

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Editorial Notes

Information Quality Act Compliance: In accordance with section 515 of Public Law 106-554, the Northeast Fisheries Science Center (NEFSC) completed both technical and policy reviews for this report. These pre-dissemination reviews are on file at the NEFSC Editorial Office.

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LIST OF ACRONYMS AND ABBREVIATIONS

AA = access area

AMS = Allocation Management System

ASM = At-Sea Monitoring Program

CFDBS = Commercial Fisheries Database System

CV = coefficient of variation

d/k = discard/kept

EFP = exempted fishing permit

EM = electronic monitoring

FMP = fishery management plan

FMRD = Fishery Monitoring and Research Division

GARFO = Greater Atlantic Regional Fisheries Office

GEN = general category

IFM = industry funded monitoring

IFS = Industry Funded Scallop Program

lg = large mesh

LIM = limited access category

MA = Mid-Atlantic

MAFMC = Mid-Atlantic Fishery Management Council

MPC = minimum pilot coverage

MREM = maximized retention electronic monitoring

MRIP = Marine Recreational Information Program

NE = New England

NEFMC = New England Fishery Management Council

NEFOP = Northeast Fisheries Observer Program

NEFSC = Northeast Fisheries Science Center

NOAA = National Oceanic and Atmospheric Administration

NMFS = National Marine Fisheries Service

OB = observed or observer

OBDBS = Observer Database System

OPEN = nonaccess area

SBRM = Standardized Bycatch Reporting Methodology

SE = standard error of the estimate

sm = small mesh

VTR = Vessel Trip Report

xlg = extra large mesh

EXECUTIVE SUMMARY

This report describes the analyses associated with the discard estimation of 14 federally managed fish and invertebrate species groups from the July 2022 through June 2023 reference period and the expected at-sea observer coverage for northeastern United States fisheries from April 2024 through March 2025 by using the Standardized Bycatch Reporting Methodology.

An estimated 50,457 mt (111,238,779 lb) of federally regulated species were discarded from nonconfidential fleets during the July 2022 through June 2023 reference period. The top species groups discarded were skates (Rajidae) and sea scallop (*Placopecten magellanicus*). Across all species groups examined, "no market" was the reason reported for the majority of discards. Analyses also revealed that for fleets with observer coverage, the coverage within a fleet corresponded with the spatial and temporal patterns of fishing activity in terms of kept weight of all species. The discards reported in this document may not necessarily correspond directly with the discard estimates derived for individual stock assessments because of differences in stratification and data. Hence, the discard estimates are not definitive, but they are indicative of where discarding occurred among commercial fleets and for which species groups.

An estimated 9,113 sea days are needed to achieve a precision-based performance standard (30% coefficient of variation of the discard estimate) for the 14 fish and invertebrate species groups across 58 fleets. The sea day analysis used a standardized protocol to account for the importance of the discarded species relative to the amount of discards by each fleet and total fishing mortality.

INTRODUCTION

The Standardized Bycatch Reporting Methodology (SBRM) Omnibus Amendment was implemented in February 2008 (NEFMC 2007; NMFS 2008) to address the requirements of the Magnuson-Stevens Fishery Conservation and Management Act to include standardized bycatch reporting methodology in all of the New England Fishery Management Council (NEFMC) and Mid-Atlantic Fishery Management Council (MAFMC) federal fishery management plans (FMPs). Because of a deficiency associated with an element of the amendment (the prioritization process), the regulations implementing the SBRM were removed by the National Marine Fisheries Service (NMFS) in December 2011 (NMFS 2011). A revised SBRM Omnibus Amendment was approved in March 2015, and the final rule became effective in July 2015 (NEFMC 2015). This report provides some of the information required by the annual discard report specified in the SBRM amendment.

The SBRM discard estimation methods described in Wigley et al. (2007) are still applicable, and the analyses conducted are similar to those conducted in 2023 (McAfee and Wigley 2023). The sample size analysis is based on the assumption that the pattern of fishing activity observed in the prior year will be similar to that in the upcoming year.

This document presents the estimated discards and associated precision as well as the number of sea days needed to obtain a 30% coefficient of variation (CV) on the discard estimates for the 14 species groups associated with NEFMC and MAFMC federal FMPs in northeastern United States fleets¹. Additionally, discard reasons associated with the discarded species are summarized. This document differs from SBRM documents prior to 2012 in that it does not include a sea day prioritization² and does not contain information about sea turtles.

METHODS

Data Sources

The analyses used fishery-dependent data collected from July 2022 through June 2023 from the Northeast Fisheries Science Center's (NEFSC) Observer Database System (OBDBS), the Vessel Trip Report (VTR; including logbooks from the surfclam [Spisula solidissima] and ocean quahog [Arctica islandica] fishery) database, the Greater Atlantic Regional Fisheries Office (GARFO) Commercial Fisheries Database System (CFDBS), the GARFO Allocation Management System (AMS), and the National Oceanic and Atmospheric Administration (NOAA) Marine Recreational Information Program (MRIP) database.

From July 2022 through June 2023, the NEFSC's Fishery Monitoring and Research Division (FMRD) managed 3 comprehensive observer programs (the Northeast Fisheries Observer Program [NEFOP], the Industry-Funded Scallop Program [IFS], and the At-Sea Monitoring Program [ASM]) that collect a broad range of data including information on all species, by disposition (retained and discarded), that are encountered during a fishing trip as well as gear characteristics data and economic information. Biological samples are collected in the NEFOP and IFS programs but not in the ASM program (NEFSC 2021a, 2021b). The FMRD contracts trained sea-going observers and monitors to collect these data. Fish and invertebrate species are recorded by weight. Conversion factors were applied to convert any dressed-weight data to live³-weight equivalents.

¹ "Fleet" is synonymous with "fishing mode."

² The <u>observer sea day allocation documents</u> are available online.

³ In this document, "live" is equivalent to "round" grade (i.e., includes the weight of the shell for shellfish).

Only observed hauls from non-state funded NEFOP4 and IFS trips with a "complete" sampling protocol were used in the analyses. An "observed" haul collects or estimates weights from all species of kept and discarded fish, invertebrates, protected species, rocks, and debris captured by the fishing gear. A "complete" sampling protocol includes obtaining species weights for both kept and discarded portions of all species in the catch (NEFSC 2021a). These trips are referred to collectively as observed (OB) trips. Observer training trips are included, while aborted trips and "set only" trips are excluded along with trips fishing in statistical areas associated with the Grand Banks (statistical areas < "400") and the U.S. Southeast Region (statistical areas ≥ "700"), trips landing outside the Greater Atlantic Region (e.g., trips landing in Canada), and "carrier" trips (*fleet_type* = "050"; no fishing effort occurred on these trips). Gear type was based on Northeast gear codes (negear). Trips using shrimp twinned trawl (negear = "450") were removed from the analyses because these trips are subject to the South Atlantic Fishery Management Council's shrimp FMP that has an SBRM provision and are therefore covered by the Southeast Fisheries Science Center's observer program (Scott-Denton et al. 2012). Hauls with no catch reported, hauls using a try net⁵, and hauls that contained species with discard reason "090" (discards by mistake) were excluded. Species weights with discard reason "039" (previously discarded) and catch of nonliving matter (items such as debris or shells that would not be kept and sold) were also excluded.

These analyses employed the same broad stratification scheme used in previous SBRM analyses, in which trips were partitioned into nonoverlapping fleets by using 5 classification variables: geographic region, gear type, mesh, access area, and trip category. Calendar quarter, based on the landing date of the trip, was used to capture seasonal variations in fishing activity and discard rates. Two broad geographical regions were defined: the New England (NE) and Mid-Atlantic (MA) regions are based on port of departure⁶; ports in states from Maine to Rhode Island constituted the NE region, and ports in states from Connecticut to North Carolina constituted the MA region. Some gear codes were combined because of their similarity or the inability to differentiate them from one another given the available VTR gear codes: hand line and troll line; sink, anchored, and drift gillnets; herring, menhaden, and unclassified purse seine; and single and paired midwater trawls. Trips for which gear was unknown were excluded. Mesh size groups were formed for all trawl⁷ and gillnet gear types. For trawls, 2 mesh groups were formed: small (sm; mesh less than 5.50 in) and large (lg; mesh 5.50 in and greater). For gillnets, 3 mesh groups were formed: small (mesh less than 5.50 in), large (mesh from 5.50 to 7.99 in), and extra large (xlg;

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⁴ State-funded NEFOP trips, such as Atlantic States Marine Fisheries Commission funded trips (program code = 042) and the New York State Department of Environmental Conservation funded trips (program code = 045) are excluded from the analyses. Additionally, the ASM trips (program codes = 230-235 and 242) associated with Northeast Multispecies (groundfish) FMP are also excluded. These trips may have different goals/objectives and/or different stratification/sea day allocations than the other NEFOP trips and IFS trips. To reduce potential bias within SBRM, these observed trips have not been used in the 2018-current analyses. This exclusion differs from the previous analyses conducted from 2012 to 2017.

⁵ A try net is often used concurrently with shrimp trawl and shrimp twin trawls but has not been reported in the VTR (no corresponding gear code in the VTR database); hence, a sampling frame is not available for this gear type.

⁶ Wigley et al. (2007) found that the majority (over 93%) of 2004 observed trips both originated and fished in the same region and exhibited the same general pattern as in the VTR data. An updated analysis with July 2007 through June 2011 data found similar results (Wigley et al. 2012). While data from both the VTR and OB are summarized by port landed, the allocation of sea day coverage is necessarily based on port of departure since an observer must physically board the vessel. A review of the NEFOP and VTR databases revealed few instances (approximately 2%) where the change of port of landing from port of departure results in a change in region (i.e., NE to MA or vice versa).

⁷ In the 2018 analyses (Wigley and Tholke 2018) and onward, specific mesh size groups were applied to all trawl gears. In analyses prior to 2018, only otter trawl, Ruhle trawl, and haddock separator trawl had specific mesh size groups. The application of specific mesh size groups to all trawl gear represents a refinement and resolves the inconsistent use of mesh size among trawl gear.

mesh 8.00 in and greater). Three access area categories⁸ were formed: access area (AA), all (access and nonaccess areas combined), and nonaccess area (OPEN). The sea scallop fishery was divided into general (GEN) and limited (LIM) access trip categories by using the AMS activity code. Trips from all other fleets were assigned a trip category called "all." Fleet stratification abbreviations are given in Table 1A.

The VTR data are used as a basis for defining the sampling frame, since all federally permitted vessels are required to file a VTR for each fishing trip except those vessels that hold only a federal commercial lobster permit⁹ (see GARFO VTR instructions for guidance¹⁰). These self-reported data¹¹ constitute the basis of commercial fishing activity. While dealer data are preferred because of more accurate weights, VTR data are used as a surrogate because dealer data do not contain mesh size or area fished information. Therefore, VTR data from commercial trips were used to expand the OB discard ratios to total discards. Conversion factors were applied to convert various units of measure to pounds and all weight to live weight. VTR trip data were grouped into fleets as defined above. Trips participating in the U.S./Canada access area, other special access programs, or those operating under the authority of an exempted fishing permit (EFP) could not be identified in the VTR data. These trips were grouped by the other stratification variables and not partitioned separately.

There are some fleets that contain few VTR trips. If a fleet has 3 or more VTR trips in any quarter, then the fleet is included as a unique fleet¹². If a fleet had fewer than 3 trips per quarter for all quarters, then there were too few trips to analyze as a fleet, and these trips were aggregated into "Other minor fleets." This aggregated fleet had no discard estimation and no observer coverage estimated for the upcoming year (Appendix Table 1); however, landings from these trips were aggregated and reported to allow tracking of industry activity not included in the analyses.

Gear types that continue to be aggregated into "Other minor fleets" are: gear unknown (negear = "999"), harpoon (negear = "030"), longline pelagic (negear = "040"), rakes (negear = "250"), and diving (negear = "330").

NE small mesh midwater trawl trips fishing in the groundfish access area (an exempted fishery for which 100% monitoring coverage was required¹³) were grouped¹⁴ together with NE small mesh midwater trawl trips fishing in open areas to form the NE small mesh midwater trawl fleet (Row 44 – row references in this text refer to Tables 2-7).

The clam fishery has a logbook system separate from the VTR logbook. The clam logbook data were used to augment the VTR data for the clam dredge fishery. The commercial and recreational landings (in live weight; from the CFDBS and MRIP databases) for the federally

¹¹ See Wigley et al. (2007) for more details on self-reported VTR data.

⁸ Trips associated with the scallop trawl and scallop dredge fleets were partitioned into "AA" or "OPEN" access categories based on AMS activity code; Northern Gulf of Maine Scallop Management Area scallop trips are considered "AA" access category. Trips associated with the NE small mesh midwater fleet (including exempted groundfish access area trips) were grouped into "all" access category. All other trips associated with the remaining fleets were assigned "OPEN" access category.

⁹ NMFS published an <u>interim final rule</u> in October 2023 that implements mandatory electronic VTR reporting for all federally permitted lobster vessels beginning April 1, 2024. The 2024 SBRM discard estimation and sample size analyses rely on VTR data before April 1, 2024, and therefore do not include fishing trips of vessels that hold only a federal commercial lobster permit.

¹⁰ GARFO VTR instructions.

¹² Prior to 2018, fleets with few trips were handled in a similar fashion qualitatively and not formally described in the documents.

¹³ For further information, see the Federal Register RIN 0648-AY47.

¹⁴ The 2019-current SBRM analyses do not separate groundfish access area exempted fishery and nonexempted trips in the small mesh midwater trawl fleets, regardless of spatial area fished (Wigley and Tholke 2019).

¹⁵ Aquaculture landings (*catch_source* = "A") for Atlantic salmon (*Salmo salar*) have been excluded from the CFDBS because these landings are not removals from the wild population.

managed species were used only in the sample size analysis and not in the discard estimation analysis.

A list of the 14 federally managed fish and invertebrate species groups that were analyzed and the individual species that compose each species group are given in Table 1B. Summaries of the data used, in terms of number of trips and number of sea days by fleet, calendar quarter, and data source (OB and VTR) are given in Tables 2 and 3.

The spatial and temporal patterns of observer coverage within a fleet were evaluated. Rather than the number of trips (a trip-based metric), the kept weight of all species reported in the VTR was used. The "kept weight with observer coverage" was derived as the kept weight of all species reported in the VTR summed by fleet, statistical area, and quarter, where at least 1 observed trip occurred in the fleet-quarter-statistical area cell and at least 3 observed trips occurred in the fleet-quarter stratum. The "kept weight" was derived as the kept weight of all species reported in the VTR summed over all statistical areas and quarters within a fleet. The percentages of "kept weight with observer coverage" were calculated by dividing the "kept weight with observer coverage" by the "kept weight." These percentages were derived for the individual fleets, confidential fleets combined into "Confidential fleets," "Other minor fleets," and all fleets combined. Additionally, as a relative measure of fleet activity among all fleets, the percentage of "kept weight" was derived by dividing the "kept weight" by the sum of the "kept weight" across all fleets.

Discard Estimation

Total discards of each of the 14 federally managed species groups were estimated for July 2022 through June 2023 by using a combined discard/kept (d/k) ratio estimator (Cochran 1963), where d = discarded pounds of a given species group and k = the kept pounds of all species (i.e., any species retained during the trip). Total discards (in weight) were derived by multiplying the estimated discard rate of each fleet by the corresponding fleet landings in the VTR database and then summing over fleets. In this analysis, no survival ratios were applied to discard estimates.

Simple imputation methods were used to fill quarterly cells for which there were fewer than 3 observed trips. Data from adjoining strata were pooled to impute estimates for cells with 0, 1, or 2 trips. In this imputation, only the temporal stratification (calendar quarter) was relaxed to an annual aggregation even though seasonal variation can occur for some species. This simple imputation could not be applied to fleets where observer coverage was low or missing throughout the year (i.e., too few data to support the simple imputation approach). In these cases, imputed values were not used, and the fleet was designated as a fleet in need of pilot coverage¹⁷. If some data were available, then discard estimates were derived, but these results were not used in the sample size analysis.

The variances and standard errors (SE) of the discard estimates were also derived. In this document, CV is defined as the ratio of the SE of the total discards divided by the total discards. The appendix presents the equations used in the analysis.

For each species group and fleet, the landings from the VTR and clam logbook are presented to provide perspective for the discard estimates.

Discard Reasons

For each species group and fleet, the fish dispositions associated with discarding (as reported by the at-sea observer) were grouped into 6 discard reason categories: no market,

¹⁶ The 3 trips for fleet-quarter correspond with a minimum threshold for allocating observer coverage.

¹⁷ Pilot coverage is defined as a minimum level of observer coverage necessary to acquire bycatch information with which to calculate variance estimates that can then be used to further define the level of sampling needed (NMFS 2004).

regulation (size), regulation (quota), regulation (other), poor quality, and other. The discard reason categories and the associated fish dispositions are summarized in Appendix Table 2. The discard reasons "No Market" and "Poor Quality" are considered economic discards and not regulatory discards.

The observed (nonextrapolated) discards associated with each of the 6 discard reason categories were summed for each species group for the fleets where discards could be estimated. For individual fleets, the percentage of observed discards by discard reason category was derived by dividing the sum of the observed discards for each discard reason category by the sum of the total observed discards for each species group and fleet. The discard reason category percentages were taken from the observed discard reason category percentages. For each fleet that composes the "Other fleets filtered out" (an aggregated fleet that represents fleets where the variance of the discard estimate was not used in the annual sample size analysis), the observed discard reason category percentages were then multiplied by the total estimated (extrapolated) discards for each species group to derive the estimated discards by discard reason category. The total estimated discards by discard reason category were summed over the fleets that compose the fleet aggregation for each species group. The estimated discard reason category percentage was derived by dividing the estimated discards for each discard reason category by the sum of the total estimated discards for each species group and fleet. In other words, the "Other fleets filtered out" group represents the weighted percentage where the weighting factor was the fleet extrapolated discards.

Sample Size Analysis

A sample size analysis (also referred to as sea day analysis) was conducted to estimate the number of baseline trips and sea days needed to monitor the 14 federally managed species groups in each fleet. As described in Wigley et al. (2007; and given in the Appendix), the number of trips and sea days needed to achieve a given precision level was based on the variance of the total discard estimate for a species group, with the assumption that the pattern of fishing activity observed in the prior year would be similar to that in the upcoming year. Sample sizes (trips and sea days) associated with the precision standard for discard estimates (30% CV) were derived. The sample size analysis was performed by using trips as the sampling unit and then converting the number of trips to sea days by multiplying by the weighted mean VTR trip length, where the weighting factor was the quarterly number of VTR trips that occurred from July 2022 through June 2023. The percentage of trips was derived by dividing the number of trips needed by the number of VTR trips that occurred in the fleet. When total discards could not be estimated because of little or no observer coverage (no data) or when total discards were 0 (no variance), the sample size (number of trips) was determined by using a pilot coverage level set to 2% of the quarterly VTR trips that occurred in a fleet, with a minimum of 3 trips per quarter (12 trips per year) and a maximum of 100 trips per quarter (400 trips per year). The 2% pilot coverage was the same as was used in previous sea day analyses. To avoid assigning more coverage than could be attained, if fewer than 3 VTR trips occurred in a fleet and quarter, then pilot coverage was set to 0. The quarterly trips were then multiplied by the quarterly mean VTR trip length to derive quarterly sea days. The quarterly trips and quarterly sea days were then summed for the annual number of trips and sea days. It is recognized that pilot coverage may still result in too much coverage in cases where little or no observer coverage may actually be needed, when effort changes sharply between years, or when the fleet comprises a low number of trips on an annual basis.

Some fleet/species combinations contribute very little to the total fishing mortality or discard of the species but may require significant resources to characterize the precision of the estimate. For example, a high variance estimate for a rare event within a fleet would require high levels of sampling, even though the total discard in that fleet was unimportant with respect to either the total discard or total fishing mortality of the resource. To address this situation, importance

filters were used to provide a standardized protocol to further refine the number of baseline sea days based on: (a) the importance of the discarded species relative to the total amount of discards by a fleet and (b) the total fishing mortality from discards.

The 2024 baseline sea days were filtered by using a 95% cut-point in the discard filter and a 98% cut-point for the total mortality filter from discards. In other words, estimates of sea day coverage for a given species or species group were retained for those fleets where discards constituted the upper cumulative 95% of the discard mortality and where discards constituted the upper cumulative 98% of the total fishing mortality.

To determine the number of sea days (referred to as the "2024 sea days needed") and trips needed to achieve a 30% CV on the estimates of discards for each of the 14 species groups within a fleet, the maximum number of sea days for the 14 species groups (i.e., the maximum number of sea days in a row) was used. This approach ensures that all SBRM species groups retained by the filter will have a 30% CV or less. In the event that sea days for each species group within a fleet were filtered out or that the number of sea days needed was fewer than the number of minimum pilot days, the number of sea days for the fleet was based on minimum pilot days to maintain monitoring coverage for that fleet. Minimum pilot coverage (MPC) represents a minimum threshold for the allocation of sea days and is defined as 3 trips per quarter for each quarter where industry activity was 3 trips or greater. The quarterly number of trips is multiplied by the quarterly mean VTR trip length and then summed over quarters to derive the annual minimum pilot days for the fleet. If the fleet was designated as a pilot fleet, then pilot sea days were used. These fleets are indicated with a "P." The fleets with sufficient data to estimate sample size are referred to as nonpilot fleets.

RESULTS

There were 58 fleets uniquely identified in the data from July 2022 through June 2023 (Tables 2 and 3; Appendix Table 1). There were no new fleets in this year's analyses, however 4 of the fleets were were not present in last year's analyses but had been included in one or more previous SBRM analyses: NE large mesh twin trawl fleet (Row 16), NE large mesh shrimp trawl (Row 21), NE hagfish pots and traps (Row 49), and MA crab pots and traps (Row 52).

Ten fleets in the 2023 anlayses with either no activity or with fewer than 3 trips per quarter in all quarters were excluded from the analyses: MA small mesh Rhule trawl, NE large mesh Ruhle trawl, NE small mesh haddock separator trawl, NE beach haul seine, NE other pots and traps, NE eel pots and traps, MA small mesh beam trawl, NE small mesh beam trawl, NE large mesh beam trawl, and NE mussel dredge. The other minor fleets not uniquely identified were aggregated into a single fleet labeled "Other minor fleets." Because of confidentiality rules, the landings and discards associated with 8 unique fleets were combined into a single aggregated fleet labeled "Confidential fleets" for reporting purposes in Tables 4 and 5: MA large mesh large mesh belly panel trawl (Row 9), MA large mesh scallop trawl (Row 12), NE large mesh twin trawl (Row 16), MA large mesh Rhule trawl (Row 17), NE large mesh shrimp trawl (Row 21), MA floating trap (Row 26), NE hagfish pots and traps (Row 49), and MA small mesh Scottish seine (Row 54). An additional confidential fleet, NE large mesh large mesh belly panel trawl (Row 11), was not aggregated with confidential fleets because this fleet was the only confidential fleet with some OB data; this fleet was aggregated into "Other minor fleets" in Tables 4 and 5. Hence, the fleet row numbers within Tables 2, 3, and 6 are sequential, while the fleet row numbers in Tables 4, 5, and 7 are ordered but with gaps in the row numbers.

There were 3 observed MA midwater trawl trips and 2 observed MA hagfish pot trips. Each fleet had less than 3 VTR trips in any quarter, which is an insufficient number of VTR trips to form a fleet. Consequently, these 5 trips were removed.

Of the 58 fleets examined, 26 fleets had little or no observer data: 5 fleets had sparse observer data across all quarters, while 21 fleets were missing observer data in all quarterly cells. The fleets with no observer coverage include trawl, floating trap, gillnet, purse seine, pot and trap fleets, Scottish seine, and dredge fleets, several of which have little industry activity. No discard estimation was performed for the 21 fleets with no observer coverage, and they were designated as fleets in need of pilot coverage (Tables 2 and 3; Appendix Table 1). The 5 fleets with sparse observer coverage were also designated as fleets in need of pilot coverage for the sample size analysis, however discard estimation was performed with the sparse observer data for these fleets. For the 32 remaining fleets (designated as nonpilot fleets; Rows 1-8, 13, 15, 19, 28-30, 32, 33, 35, 37, 39-41, 43-48, 50, 51, 53, 57, and 58), estimates of discards and their associated variance were derived and used to determine the sample sizes needed for a 30% CV. Of the 32 fleets, there were 14 fleets (Rows 2-4, 13, 15, 19, 30, 35, 37, 44, 46-48, and 51) where the simple imputation was applied (Tables 2 and 3).

Thus, for the discard estimation and precision analysis, 21 fleets had no discard estimation, and 37 fleets had discards estimated; however, discards from 1 of the 37 fleets (Row 11) was not reported because of confidentiality rules. For the sample size analysis, 32 fleets had sample sizes derived from the discard variances, and 26 fleets had sample sizes based upon pilot coverage.

From July 2022 through June 2023, 1,621 trips (5,002 sea days) were observed. When these trips were stratified, some trips were partitioned between strata, resulting in 1,725 trips (5,304 sea days; Tables 2 and 3) in the OB data set.

In terms of number of trips, the percentages of observed trips varied by fleet and calendar quarter. For the 37 fleets with some observer coverage, the annual percentage of observed trips by fleet ranged from 0.1% (NE lobster pot, Row 51; Table 2) to 25.3% (NE large mesh haddock separator trawl, Row 19; Table 2). Over all fleets, the percentage of observed trips was 2.6% (Table 2). The percentage of observer days was 4.3% (Table 3).

In terms of kept weight of all species, the percentage of observer coverage over all fleets was 67.1% (Table 4). For the 32 nonpilot fleets, the percentage of observer coverage ranged from 22% to 94% with an average of 69% (Table 4). Twenty-five of the 32 fleets had a percentage greater than or equal to 52% with an average of 80%. This finding indicates that the majority of kept weight within the fleet was associated with statistical areas and quarters with observer coverage. Additionally, these 25 fleets composed 65% of the total kept weight across all fleets. The kept weight of all species was considered a surrogate for fishing effort; hence, observer coverage occurred spatially and temporally where the majority of fishing effort occurred at the statistical area and quarter year scales. The landings associated with the combined fleet "Other minor fleets" contributed 0.2% of the total landings across all fleets (Table 4); thus, the uniquely identified fleets account for almost all of the total VTR landings.

Annual VTR landings for all fleets and estimated discards (live weight, in pounds) with associated precision (CV and SE) for 49 individual fleets (Rows 1-8, 10, 13-15, 18-20, 22-25, 27-48, 50-53, and 55-58) and 2 combined fleets ("Confidential fleets" and "Other minor fleets" [with landings only]) are summarized for each of the 14 species groups, the individual species that composed those species groups, and the 14 species groups combined (Tables 5A, 5B, and 5C; Figures 1A and 1B). There were 13 nonconfidential pilot fleets (Rows 18, 20, 22-27, 31, 34, 36, 52, 55, and 56) as well as the "Other minor fleets" that have no discard estimation. In Table 5A, the CVs associated with the cells (species group and fleet) that were not used in the sample size analysis (i.e., cells filtered out via the importance filter) are indicated in light shading. Precision of discards of individual species (Table 5B) and 14 species groups combined (Table 5C) was not used in the sample size analysis.

Based upon this analysis, 50,457 mt (111,238,779 lb; live weight) of discards for the 14 species groups occurred from July 2022 through June 2023 (Table 5C). The majority (53%) of the

discards comprises 2 species groups: skates (Rajidae; 41%) and sea scallop (*Placopecten magellanicus*; 12%); the remaining SBRM species groups each accounted for \leq 10% (Table 5A).

The percentage of discards to total catch varied among the 14 species groups (Figure 1A) and individual species (Figure 1B). One species group (SAL) had 0 discards (this species group is not presented in Figure 1A or Appendix Table 3A); in 1 species group (HERR), discards were less than 1% of total catch; in 4 species groups (SCOQ, TILE, BLUE, and SCAL), percentages of discards ranged between 1% and 10% of total catch; in 4 species groups (GFL, SBM, RCRAB, and FSB), discards ranged between 11% and 25% of total catch; and in 4 species groups (MONK, GFS, DOG, and SKATE), discards were greater than 25% of total catch (Figure 1A). The species groups with the highest percentage of total discards relative to total catch were: skates (68%), spiny dogfish (Squalus acanthias; 47%), small mesh groundfish (36%), and monkfish (Lophius americanus; 34%). For individual species (Table 5B; Figure 1B), most notable are the high percentages of discards to total catch for ocean pout (Zoarces americanus; 100%), windowpane flounder (Scophthalmus aguosus; >99%), and Atlantic wolffish (Anarhichas lupus; >99%); no possession is allowed for these 3 species. Atlantic halibut (Hippoglossus hippoglossus; 63%) have a 1 fish per trip limit. Chub mackerel (Scomber colias; 92%), red hake (Urophycis chuss; 88%), and butterfish (Peprilus triacanthus; 69%) had high percentages of discards to total catch for economic reasons ("No Market"). The NE small mesh otter trawl fleet (Row 7; 18%) and the NE OPEN LIM scallop dredge (Row 43; 17%) had the highest estimated discards of SBRM species (Table 5C).

The reasons for discarding varied among the 14 species groups (Appendix Table 3A) and individual species (Appendix Table 3B). Overall, for the 14 species groups, the majority of discards were attributed to "No Market" (82%), while "Regulation" (size, quota, and other), "Poor Quality," and "Other" contributed 15%, 2%, and 1%, respectively (Appendix Table 3A).

The percentages of discards to total catch by fleet were also summarized for 32 nonpilot fleets (Figure 2). Discards of 1 or more of the 14 species groups that were filtered out via the importance filter have been aggregated into a species group labeled "Other SBRM." Discards of species not federally managed have been aggregated into a species group labeled "Non-SBRM." The percentages of discards to total catch varied by fleet (Figure 2). There were 3 fleets (Rows 35, 44, and 58) where discards were less than 1% of the total catch in the fleet; 7 fleets (Rows 1, 2, 4, 28-30, and 57) where the percentages of discards ranged between 1% and less than 11%; 9 fleets (Rows 3, 32, 33, 37, 39, 43, 45, 47, and 53) where the percentages of discards ranged between 11% and less than 26% of total catch; 10 fleets (Rows 5, 7, 8, 13, 15, 19, 40, 41, 46, and 50) where the percentages of discards ranged between 26% and less than 50% of the total catch; and 3 fleets (Rows 6, 48, and 51) where discards were 50% or greater of the total catch (Figure 2).

The number of species groups discarded within a fleet also varied among fleets. In the majority of fleets (22 of the 32 fleets), "discards" comprised 2 or 3 discarded species groups. For 7 of these fleets (Rows 2, 13, 15, 30, 45, 46, and 57) the "Other SBRM" species group comprised the majority of the discards. This finding indicates that the majority of discards for those 7 fleets were filtered out via the importance filter. There were 11 of these fleets (Rows 1, 3, 4, 35, 40, 41, 44, 47, 48, 50, and 58) for which the "Non-SBRM" species group comprised the majority of the discards. There were 4 of these fleets where 2 of the 3 discarded species groups were "Other SBRM" and "Non-SBRM," and the third represented the majority or plurality of the discards: Rows 28 (spiny dogfish; 72%), 29 (spiny dogfish; 41%), 32 (spiny dogfish; 48%), and 53 (red deepsea crab [*Chaceon quinquedens*]; >99%; Figure 2). The remaining fleets (10 of the 32 fleets) had between 4 and 9 discarded species groups. The "Other SBRM" species group comprised the plurality of discards in 1 of these fleets (Rows 37), the "Non-SBRM" species group comprised the majority or plurality of the discards in 2 fleets (Rows 43 and 51), the skate species group comprised the plurality of the discards in 6 fleets (Rows 5, 6, 8, 19, 33, and 39), and squid (*Doryteuthis Jamerigo J pealeii, Illex illecebrosus*)-butterfish-mackerel (*Scomber colias, Scomber scombrus*)

comprised the plurality of discards in 1 fleet (Row 7). The dominant "Non-SBRM" species in the MA longline fleet (Row 1) was smooth dogfish (*Mustelus canis*), while striped bass (*Morone saxatilis*) was the dominant "Non-SBRM" species in the MA handline fleet (Row 3), and spinner shark (*Carcharhinus brevipinna*) was the dominant "Non-SBRM" species in the NE handline fleet (Row 4). "Fish, not known" was the dominant "Non-SBRM" species in the NE purse seine fleet and the NE small mesh midwater trawl fleets (Rows 35 and 44, respectively). The dominant "Non-SBRM" species in the scallop dredge fleets were sand dollar (Clypeasteroida; Rows 40 and 41) and mussels (Mytilidae; Row 43). Whelks (Buccinidae) were the dominant "Non-SBRM" species in the MA and NE conch pot fleets, and NE surfclam/ocean quahog dredge fleets (Rows 47, 48, and 58, respectively) while Jonah crab (*Cancer borealis*) and American lobster (*Homarus americanus*) were the dominant "Non-SBRM" species in the MA and NE lobster pot fleets (Rows 50 and 51, respectively; Figure 2).

The precision of the discard estimates varied by species group and fleet (Table 5A). Of the 14 species groups, 11 species groups (BLUE, FSB, GFL, MONK, RCRAB, SCAL, SKATE, GFS, DOG, SBM, and TILE) had an overall CV that was less than 30%, 2 species groups (HERR and SCOQ) had an overall CV that was greater than 30%, and 1 species group (SAL) had 0 discards and consequently no CV. The discards of 4 species groups (BLUE, HERR, SCOQ, and TILE) were filtered out in all fleets; this finding indicates that the discards of these species groups were a minor component of the total catch of these species (Table 5A; Figure 1A). The species group name abbreviations are given in Table 1B. The precision of the discard estimates for individual species are given in Table 5B; these precision estimates were not used in the sample size analysis.

The number of trips and sea days needed for each species group and fleet, as well as the number of pilot coverage trips and sea days, MPC trips and sea days, and the trips and sea days needed for the fleet (referred to as "2024 Trips Needed" and "2024 Sea Days Needed," respectively) are summarized in Tables 6A (trips) and 6B (sea days). For the 58 fleets, 3,362 trips and 9,113 sea days are needed.

Twenty-six fleets had insufficient observer information to estimate discards, and the sea days for these fleets were based on pilot coverage. For fleets with the pilot coverage designation, 747 sea days (8% of 9,113 sea days; Table 6B) were needed. There are 16 fleets for which the sea days for all species groups were filtered out via the importance filter, and MPC days were used to maintain some coverage (Rows 1-4, 13, 15, 30, 35, 44-48, 50, 57, 58; Table 6B). For 2 fleets (Rows 40 and 53) the sea days derived from the discard variance were less than the MPC; hence, MPC days were used. The 18 [16+2] fleets with MPC were associated with 518 sea days (6% of 9,113 sea days; Table 6B). The sea days needed for the remaining 14 fleets (7,848 sea days, representing 86% of the total sea days needed) were derived by using the variance of the discard estimate (Tables 6B). Of the 9,113 sea days, 3,525 sea days (39%) were associated with the NE small mesh otter trawl (Row 5) because of high variability of red deepsea crab discards among trips within this fleet.

The sample sizes (in terms of number of sea days, number of trips, and percentage of trips based on the July 2022 through June 2023 VTR trips) needed to achieve a 30% CV of the discard estimate in 16 fleets are given in Table 7. The relationship between sample size and precision, over a range of sample sizes, is shown in Figure 3 for species groups and fleets. Generally, the precision of the species group discard estimate increases (the uncertainty becomes smaller) as sample size increases, with larger increases in precision occurring at small sample sizes tapering to smaller increases at larger sample sizes (Figure 3).

DISCUSSION

A broad stratification was used to support deployment of observers on commercial fishing trips among various fleets by using attributes known prior to the trip departure. As discussed in previous discard estimation analyses (Wigley et al. 2007, 2011), species-specific stock assessment discard estimation may differ from this report because of the differences in stratification and data used (calendar year versus 12-month [July through June] time period; area fished versus region [port of departure]; gear groupings; discard mortality assumptions; and VTR landings versus dealer landings). Region, based on port of departure, was used for the deployment of observers. Although "area fished" may provide a better stratification for discard estimation, we expect that when uncertainty in the estimates is taken into account, the estimates would be in the same order of magnitude. The discard estimates presented here are not definitive estimates but rather are indicative of where discarding occurred among the commercial fleets for the 14 federally managed species groups.

No survival ratios were applied to the discard estimates; we do not account for potential survival of organisms returned to the water. When comparing discard estimates from this study with those from stock assessments, it is useful to note that survival ratios are applied in stock assessments for Georges Bank and Gulf of Maine stocks of Atlantic cod (*Gadus morhua*), Atlantic sea scallop, skates, spiny dogfish, fluke (*Paralichthys dentatus*), southern New England/Mid-Atlantic and Gulf of Maine stocks of winter flounder (*Pseudopleuronectes americanus*), southern New England/Mid-Atlantic yellowtail flounder (*Limanda ferruginea*), and Atlantic wolffish.

These analyses used effort and landings data from the VTR. The VTR was used instead of dealer (CFDBS) data because the VTR collects more detailed effort information (days fished, trip length, gear, and mesh), which is required to define trips, sea days, and fleets. Since VTR landings are a captain's hail weight estimate and dealer reported landings are generally more complete, the estimates of discards (expanded from VTR landings) may be underestimated. The magnitude of the underestimation will vary by fleet and year.

Discard estimates appropriately reflect the underlying data used (e.g., the VTR data used to raise the discard ratios to total discards and the observed trips used to derive the discard ratios were from the same VTR-based sampling frame). It is inappropriate to extrapolate beyond the sampling frame used unless it can be shown that the trips with no VTR reporting requirements have the same landings and discard characteristics as the trips with VTR reporting requirements.

These analyses use final data and are predicated upon accurately reported and audited data. After they were completed, some of the VTR data used were found to be incorrect, including the data elements used for the fleet stratification. While it is possible to remove the "erroneous" fleets and the associated sea days, the misaligned trips cannot be realigned without database corrections and completely rerunning the analyses. A rerun with corrected data may result in a change in the number of fleets and the number of sea days needed, but it is not expected to create major changes in the sea days needed. Examples of such fleets include the other trawl (Rows 22-25) or other dredge fleets (Rows 55 and 56). These tend to be general gear categories and are not primary gears supported by the observer program for which there are specific data collection logs and protocols. The majority of these trips are likely products of errors in gear reporting on the VTR and instead represent effort from trawl or dredge fleets with specifically defined gears. The identification of other "erroneous" fleets may occur. The number of fleets to be monitored and the number of sea days needed may be reduced in the sea day allocation process because of the removal of "erroneous" fleets or fleets with observer program limitations (e.g., detection, deployment, or database limitations).

The analysis of spatial and temporal observer coverage used live weight. As a result, fleets using scallop dredge and clam dredge targeting species with shells have higher kept weight percentage than other fleets because of the use of "live" weight rather than "landed meat" weight.

However, the use of live weight does not distort the observed percentage (spatial or temporal pattern) within a fleet. It is important to remember that percent observer coverage is an indicator of where observed kept weight (or trips) occurred relative to unobserved kept weight (or trips). The percentage observed should not be confused with the precision of the discard estimate, which is the metric used to describe discard variability and to determine the sample size needed for monitoring purposes. It is recognized that the fleets with minimum pilot coverage may lower the overall percentage of kept weight observed. Given the number of observed trips required for a fleet with MPC designation (3 trips per quarter), it may not be possible to cover all the statistical areas fished within a calendar quarter. In the future, an evaluation of the implications of MPC on the overall percentage of kept weight observed would be useful.

No electronic monitoring (EM) data were included in the analyses. From July 2022 to June 2023, 2 EM programs operated within the Northeast Multispecies fishery. The audit model EM program was operational and available as an alternative to ASM monitoring requirements, while the maximized retention EM (MREM) program continued to operate under an EFP until January 9, 2023, upon which it became an operational EM program as part of the implementation of Amendment 23¹⁸. After the MREM program became operational, an additional EFP providing area and mesh exemptions for vessels fishing in the redfish Exemption Program was granted to a subset of MREM vessels. The audit model EM program only collects discard information on Northeast Multispecies FMP species (not all species), and the MREM program requires vessels to retain all (kept and discard) allocated Northeast Multispecies FMP species. Commercial fishing trips that elected to use audit model EM as a replacement for ASM were still subject to NEFOP observer coverage, while trips participating in MREM utilizing an EFP were not eligible for NEFOP observer coverage because of the gear and area exemptions granted under the EFPs; no operational MREM trips were covered by NEFOP observers. In addition to these EM programs, there was also an EM EFP in conjunction with the industry-funded monitoring (IFM) program in the Atlantic herring fishery from July 2022 until the program was suspended on April 1, 2023, due to a lack of federal funding¹⁹; these trips were still subject to NEFOP coverage. Discards from EM trips were characterized by using NEFOP data only. The SBRM analyses do not create specific, separate fleets for EFPs beyond the standard SBRM fleet stratifications of geographic region, gear type, mesh, access area, and trip category because EFPs are typically temporary, non-standard, and confined to a small segment of a fleet and/or fishery. The 2024 SBRM analyses, as well as past analyses, treated EFP trips the same as standard trips. Additionally, the small number of operational MREM trips not utilizing an EFP were not stratified into separate fleets. While this may result in a small amount of additional uncertainty in discard estimation for fleets containing MREM trips (Rows 7, 8, and 19), the overall impact on sea day estimation is expected to be low given the small percentage (1.4%) of MREM trips within these fleets. Future SBRM analyses will utilize data from the regional Catch Accounting and Monitoring System, a system that is focused on improved fisheries dependent data integration and catch estimation.

The number of sea days needed (3,525) increased significantly for the MA small mesh otter trawl fleet (Row 5) in SBRM 2024 compared to the number of sea days needed in SBRM 2023 (1,388) due to high variability of red deepsea crab discards in this fleet. Red deepsea crab discards previously drove coverage needs in this fleet and the NE large mesh otter trawl fleet in SBRM 2018, and were associated with trips fishing in deeper water (Wigley and Tholke 2018).

Fish may be discarded for economic reasons (e.g., "No Market" or "Poor Quality") or for regulatory reasons (size, quota, or other). When considering mechanisms to reduce discards, it may be useful to know why discarding is occurring. Observers classify the discards by fish disposition

¹⁸ See Greater Atlantic Regional Fisheries Office Amendment 23 website for more information.

¹⁹ For further information, see NMFS November 2, 2022, bulletin: <u>Atlantic Herring Industry-Funded Monitoring</u> Program Suspended Beginning in April 2023

based upon the NEFOP sampling protocol (NEFSC 2021a, 2021b) in which the observer asks the captain/crew why species are being discarded. Thus, these data should be considered a form of self-reported data, and as such, these data are difficult to verify and should be interpreted cautiously. Furthermore, it is important to note that large discard percentages may be associated with a small quantity of discards, and that for many species, the discards are associated with fleets that have been filtered out by the importance filter.

These analyses do not address the coverage needed for individual sectors or multiple stock components of a species. The analytical basis for the allocation of future sea day coverage is a specified level of precision defined in the SBRM Omnibus Amendment (i.e., 30% CV) and an expectation that the pattern of fishing activity observed in the prior year will be similar to that in the upcoming year.

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TABLES AND FIGURES

Table 1A. Fleet stratification abbreviations

| Abbreviation | Definition |
|--------------|--|
| NE | New England ports (RI and northward) |
| MA | Mid-Atlantic ports (CT and southward) |
| Sm | Small mesh (less than 5.50 in) |
| Lg | Large mesh (from 5.50 to 7.99 in for gillnet; 5.50 in and greater for trawl) |
| Xlg | Extra large mesh (8.00 in and greater for gillnet) |
| AA | Access area |
| OPEN | Nonaccess area |
| GEN | General category |
| LIM | Limited access category |

Table 1B. List of the 14 fish and invertebrate species groups (in bold), with species group abbreviations in parentheses and scientific names in italics. The species that compose these groups correspond to the 13 federal fishery management plans implemented in the waters off the northeastern United States.

| Species/Group | Scientific Name |
|---|-------------------------------|
| ATLANTIC HERRING (HERR) | Clupea harengus |
| ATLANTIC SALMON (SAL) | Salmo salar |
| BLUEFISH (BLUE) | Pomatomus saltatrix |
| FLUKE - SCUP - BLACK SEA BASS (FSB) | |
| Black sea bass | Centropristis striata |
| Fluke | Paralichthys dentatus |
| Scup | Stenotomus chrysops |
| LARGE MESH GROUNDFISH (GFL) | |
| Acadian redfish | Sebastes fasciatus |
| American plaice | Hippoglossoides platessoides |
| Atlantic cod | Gadus morhua |
| Atlantic halibut | Hippoglossus hippoglossus |
| Atlantic wolffish | Anarhichas lupus |
| Haddock | Melanogrammus aeglefinus |
| Ocean pout | Zoarces americanus |
| Pollock | Pollachius virens |
| White hake | Urophycis tenuis |
| Windowpane flounder | Scophthalmus aquosus |
| Winter flounder | Pseudopleuronectes americanus |
| Witch flounder | Glyptocephalus cynoglossus |
| Yellowtail flounder | Limanda ferruginea |
| MONKFISH (MONK) | Lophius americanus |
| RED DEEPSEA CRAB (RCRAB) | Chaceon quinquedens |
| SEA SCALLOP (SCAL) | Placopecten magellanicus |
| SKATE COMPLEX ²⁰ (SKATE) | Rajidae |
| Barndoor skate | Dipturus laevis |
| Clearnose skate | Raja eglanteria |
| Little skate | Leucoraja erinacea |
| Rosette skate | Leucoraja garmani |
| Smooth skate | Malacoraja senta |
| | Amblyraja radiata |
| Thorny skate Winter skate | |
| | Leucoraja ocellata |
| SMALL MESH GROUNDFISH (GFS) | Mandana di na mili di na |
| Offshore hake | Merluccius albidus |
| Red hake | Urophycis chuss |
| Silver hake | Merluccius bilinearis |
| SPINY DOGFISH (DOG) | Squalus acanthias |
| SQUID ²¹ - BUTTERFISH - MACKEREL (SBM) | G 1 1: |
| Atlantic chub mackerel | Scomber colias |
| Atlantic mackerel | Scomber scombrus |
| Butterfish | Peprilus triacanthus |
| Longfin inshore squid | Doryteuthis (Amerigo) pealeii |
| Northern shortfin squid | Illex illecebrosus |
| SURFCLAM - OCEAN QUAHOG ²² (SCOQ) | |
| Surfclam | Spisula solidissima |
| Ocean quahog | Arctica islandica |
| TILEFISH ²³ (TILE) | |
| Blueline tilefish | Caulolatilus microps |
| Golden tilefish | Lopholatilus chamaeleonticeps |

²⁰ Skate complex is composed of 7 species as well as skate, unknown, and little/winter mixed skate. Individual species are not summarized separately.

²¹ Squid, unclassified is included in this species group. Longfin inshore squid and northern shortfin squid are also known as Loligo squid and Illex squid, respectively.

²² Surfclams and ocean quahogs compose the species group and are not reported separately.

²³ Tilefish, unclassified is included in this species group.

Table 2. Number of observed (OB) and Vessel Trip Report (VTR) trips, by fleet and calendar quarter (Q) based on July 2022 through June 2023 data. See Table 1A for fleet stratification abbreviations; "P" indicates fleets with "pilot" designation.

| | FI | | | ОВ | | | | | VTR | | | | | | | |
|----|-------------------------------|----------------|------------------|--------|---------------|-----|----|----|-----|-------|-------|-----|-----|-------|-------|-------|
| Ro | ow Gear Type | Access Area | Trip Category | Region | Mesh Group | Q3 | Q4 | Q1 | Q2 | TOTAL | Q3 | Q4 | Q1 | Q2 | TOTAL | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 3 | 3 | 3 | 3 | 12 | 134 | 30 | 36 | 89 | 289 | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 11 | 3 | | 4 | 18 | 189 | 40 | 18 | 90 | 337 | |
| 3 | Hand Line | OPEN | all | MA | all | 4 | 4 | 2 | 3 | 13 | 810 | 731 | 96 | 607 | 2,244 | |
| 4 | Hand Line | OPEN | all | NE | all | 17 | 3 | | 4 | 24 | 1,117 | 376 | 5 | 381 | 1,879 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 105 | 58 | 36 | 128 | 327 | 566 | 605 | 338 | 646 | 2,155 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 39 | 27 | 13 | 25 | 104 | 1,035 | 585 | 393 | 656 | 2,669 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 49 | 59 | 27 | 43 | 178 | 749 | 697 | 320 | 785 | 2,551 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 55 | 31 | 57 | 36 | 179 | 1,452 | 838 | 836 | 1,100 | 4,226 | |
| 9 | Otter Trawl, LgMesh Belly Pan | el OPEN | all | MA | lg | | | | | | 12 | 1 | | | 13 | P |
| 10 | Otter Trawl, LgMesh Belly Pa | nel OPEN | all | NE | sm | 2 | 1 | 1 | 1 | 5 | 43 | 45 | 3 | 7 | 98 | P |
| 11 | Otter Trawl, LgMesh Belly Pa | nel OPEN | all | NE | lg | | | 1 | | 1 | 1 | 7 | 2 | - | 10 | P |
| 12 | Otter Trawl, Scallop | OPEN | GEN | MA | lg | | | | | | 13 | 6 | 2 | 16 | 37 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 3 | 2 | 1 | 10 | 16 | 19 | 29 | 9 | 48 | 105 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 2 | | 1 | | 3 | 19 | 6 | 8 | 6 | 39 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | | 3 | 1 | | 4 | 5 | 14 | 11 | - | 30 | |
| 16 | Otter Trawl, Twin | OPEN | all | NE | lg | | | | | | 5 | | | | 5 | P |
| 17 | Otter Trawl, Ruhle | OPEN | all | MA | lg | | | | | | • | | | 3 | 3 | P |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | | | | | | 11 | 9 | 4 | 2 | 26 | P |
| 19 | Otter Trawl, Haddock Separat | or OPEN | all | NE | lg | 3 | 1 | 5 | 10 | 19 | 22 | 12 | 8 | 33 | 75 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | | | | | | 75 | 73 | 22 | 1 | 171 | P |
| 21 | Otter Trawl, Shrimp | OPEN | all | NE | lg | | | | | | • | | | 21 | 21 | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | | | | | | 35 | 37 | 33 | 80 | 185 | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | | | | | | 46 | 46 | 51 | 70 | 213 | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | | | | | | 64 | 46 | 16 | 66 | 192 | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | | | | | | 79 | 23 | 18 | 64 | 184 | P |
| 26 | Floating Trap | OPEN | all | MA | all | | | | | | 17 | 10 | | 2 | 29 | P |
| 27 | Floating Trap | OPEN | all | NE | all | | | | | | 135 | 80 | 23 | 75 | 313 | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 3 | 5 | 5 | 3 | 16 | 210 | 353 | 597 | 188 | 1,348 | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 3 | 58 | 28 | 26 | 115 | 65 | 598 | 401 | 523 | 1,587 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | | 21 | 24 | 3 | 48 | 2 | 102 | 124 | 206 | 434 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | | | | | | 10 | 2 | 3 | 1 | 16 | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 15 | 7 | 4 | 4 | 30 | 651 | 277 | 67 | 219 | 1,214 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 41 | 25 | 21 | 15 | 102 | 871 | 234 | 232 | 585 | 1,922 | |
| 34 | Purse Seine | OPEN | all | MA | all | | | | | | 85 | 75 | | 2 | 162 | P |

| | FLEE | | | ОВ | | | | | VTR | | | | | | | |
|----|-------------------------------|----------------|------------------|--------|---------------|-----|-----|-----|-----|-------|--------|--------|-------|--------|--------|-------|
| Ro | w Gear Type | Access Area | Trip Category | Region | Mesh Group | Q3 | Q4 | Q1 | Q2 | TOTAL | Q3 | Q4 | Q1 | Q2 | TOTAL | Pilot |
| 35 | Purse Seine | OPEN | all | NE | all | 5 | | | 2 | 7 | 495 | 3 | 1 | 64 | 563 | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | | | | | | | 2 | 5 | 2 | 9 | P |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 26 | 22 | | 47 | 95 | 344 | 228 | 324 | 2,118 | 3,014 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 1 | 1 | | 1 | 3 | 34 | 5 | 3 | 47 | 89 | Р |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 16 | 10 | 13 | 44 | 83 | 176 | 108 | 90 | 445 | 819 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 34 | 9 | 3 | 4 | 50 | 457 | 198 | 147 | 264 | 1,066 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 17 | 6 | 8 | 9 | 40 | 253 | 466 | 1,127 | 545 | 2,391 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 2 | | 1 | 1 | 4 | 40 | 15 | 12 | 20 | 87 | Р |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 30 | 12 | 32 | 20 | 94 | 272 | 79 | 235 | 312 | 898 | |
| 44 | Trawl, Midwater | all | all | NE | sm | | 6 | 1 | 4 | 11 | 3 | 6 | 19 | 28 | 56 | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 5 | 4 | 3 | 3 | 15 | 288 | 227 | 47 | 443 | 1,005 | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 5 | 3 | | 3 | 11 | 733 | 171 | 1 | 154 | 1,059 | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 2 | 4 | | 3 | 9 | 157 | 313 | 25 | 139 | 634 | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 2 | 4 | | 4 | 10 | 242 | 405 | 5 | 318 | 970 | |
| 49 | Pots and Traps, Hagfish | OPEN | all | NE | all | | | | | | 4 | 1 | 1 | 3 | 9 | P |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 6 | 5 | 3 | 5 | 19 | 461 | 222 | 97 | 254 | 1,034 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 9 | 5 | | 4 | 18 | 10,913 | 6,851 | 2,080 | 4,910 | 24,754 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | | | | | | 29 | | | 1 | 30 | Р |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 3 | 3 | 3 | 4 | 13 | 15 | 23 | 37 | 21 | 96 | |
| 54 | Scottish Seine | OPEN | all | MA | sm | | | | | | | 4 | | 2 | 6 | P |
| 55 | Dredge, Other | OPEN | all | MA | all | | | | | | 9 | 97 | 96 | 23 | 225 | P |
| 56 | Dredge, Other | OPEN | all | NE | all | | • | | | | 19 | 32 | 27 | 21 | 99 | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 5 | 3 | 3 | 4 | 15 | 492 | 339 | 345 | 348 | 1,524 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 5 | 3 | 3 | 3 | 14 | 325 | 247 | 274 | 373 | 1,219 | |
| | | | | | Total | 528 | 411 | 303 | 483 | 1,725 | 24,308 | 16,029 | 8,674 | 17,427 | 66,438 | |

Table 3. Number of observed (OB) and Vessel Trip Report (VTR) sea days, by fleet and calendar quarter (Q) based on July 2022 through June 2023 data. See Table 1A for fleet stratification abbreviations; "P" indicates fleets with "pilot" designation.

| | FI | | | ОВ | | | | | VTR | | | | | | | |
|----|-------------------------------|----------------|------------------|--------|---------------|-----|-----|-----|-----|-------|-------|-------|-------|-------|--------|-------|
| R | ow Gear Type | Access Area | Trip Category | Region | Mesh Group | Q3 | Q4 | Q1 | Q2 | TOTAL | Q3 | Q4 | Q1 | Q2 | TOTAL | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 21 | 23 | 26 | 22 | 92 | 370 | 241 | 199 | 346 | 1,156 | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 11 | 3 | | 4 | 18 | 193 | 40 | 23 | 101 | 357 | |
| 3 | Hand Line | OPEN | all | MA | all | 4 | 12 | 2 | 3 | 21 | 899 | 761 | 118 | 632 | 2,410 | |
| 4 | Hand Line | OPEN | all | NE | all | 29 | 3 | | 4 | 36 | 1,226 | 386 | 7 | 430 | 2,049 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 209 | 175 | 191 | 213 | 788 | 1,262 | 1,404 | 1,464 | 1,232 | 5,362 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 83 | 110 | 71 | 92 | 356 | 2,172 | 1,459 | 1,770 | 1,763 | 7,164 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 182 | 164 | 117 | 116 | 579 | 2,608 | 1,902 | 1,208 | 1,943 | 7,661 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 83 | 74 | 224 | 129 | 510 | 3,193 | 2,426 | 3,027 | 3,209 | 11,855 | |
| 9 | Otter Trawl, LgMesh Belly Pan | nel OPEN | all | MA | lg | | | | | | 12 | 1 | | | 13 | P |
| 10 | Otter Trawl, LgMesh Belly Pa | nel OPEN | all | NE | sm | 6 | 3 | 4 | 3 | 16 | 127 | 134 | 17 | 26 | 304 | P |
| 11 | Otter Trawl, LgMesh Belly Pa | anel OPEN | all | NE | lg | | | 4 | | 4 | 3 | 24 | 13 | | 40 | P |
| 12 | Otter Trawl, Scallop | OPEN | GEN | MA | lg | | | | | | 19 | 9 | 3 | 21 | 52 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 3 | 2 | 8 | 10 | 23 | 34 | 66 | 54 | 49 | 203 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 2 | | 2 | | 4 | 25 | 8 | 39 | 9 | 81 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | | 23 | 9 | | 32 | 33 | 99 | 92 | | 224 | |
| 16 | Otter Trawl, Twin | OPEN | all | NE | lg | | | | | | 5 | | | | 5 | P |
| 17 | Otter Trawl, Ruhle | OPEN | all | MA | lg | | | | | | | | | 16 | 16 | P |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | | | | | | 61 | 46 | 15 | 3 | 125 | P |
| 19 | Otter Trawl, Haddock Separat | or OPEN | all | NE | lg | 24 | 7 | 30 | 67 | 128 | 154 | 99 | 60 | 249 | 562 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | | | | | | 211 | 257 | 131 | 17 | 616 | P |
| 21 | Otter Trawl, Shrimp | OPEN | all | NE | lg | | | | | | - | | | 23 | 23 | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | | | | | | 62 | 164 | 168 | 105 | 499 | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | | | | | | 156 | 227 | 257 | 113 | 753 | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | | | | | | 117 | 84 | 78 | 195 | 474 | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | | | | | | 109 | 59 | 52 | 84 | 304 | P |
| 26 | Floating Trap | OPEN | all | MA | all | | | | | | 17 | 10 | | 2 | 29 | P |
| 27 | Floating Trap | OPEN | all | NE | all | | | | | | 135 | 80 | 23 | 75 | 313 | Р |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 4 | 5 | 5 | 4 | 18 | 271 | 357 | 601 | 223 | 1,452 | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 4 | 58 | 28 | 26 | 116 | 77 | 605 | 401 | 528 | 1,611 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | | 22 | 31 | 4 | 57 | 4 | 108 | 147 | 220 | 479 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | | | | | | 10 | 2 | 6 | 3 | 21 | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 17 | 8 | 5 | 10 | 40 | 828 | 424 | 186 | 344 | 1,782 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 44 | 31 | 48 | 27 | 150 | 992 | 309 | 538 | 928 | 2,767 | |
| 34 | Purse Seine | OPEN | all | MA | all | | | | | | 87 | 75 | | 2 | 164 | P |

| | FLEE | | | ОВ | | | VTR | | | | | | | | | |
|-----|-------------------------------|----------------|------------------|--------|---------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|---------|-------|
| Ros | Gear Type | Access Area | Trip Category | Region | Mesh Group | Q3 | Q4 | Q1 | Q2 | TOTAL | Q3 | Q4 | Q1 | Q2 | TOTAL | Pilot |
| 35 | Purse Seine | OPEN | all | NE | all | 10 | | | 2 | 12 | 534 | 8 | 1 | 66 | 609 | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | | | | | | | 2 | 5 | 4 | 11 | P |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 60 | 57 | | 89 | 206 | 763 | 450 | 357 | 2,986 | 4,556 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 10 | 16 | | 8 | 34 | 355 | 44 | 35 | 379 | 813 | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 140 | 86 | 106 | 298 | 630 | 1,462 | 844 | 677 | 3,026 | 6,009 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 68 | 22 | 8 | 10 | 108 | 963 | 450 | 355 | 561 | 2,329 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 33 | 10 | 15 | 19 | 77 | 486 | 590 | 1,515 | 835 | 3,426 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 11 | | 10 | 15 | 36 | 363 | 111 | 109 | 207 | 790 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 309 | 132 | 236 | 197 | 874 | 2,869 | 734 | 1,835 | 3,210 | 8,648 | |
| 44 | Trawl, Midwater | all | all | NE | sm | | 24 | 4 | 15 | 43 | 23 | 29 | 85 | 140 | 277 | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 5 | 5 | 3 | 3 | 16 | 306 | 239 | 51 | 452 | 1,048 | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 5 | 3 | | 3 | 11 | 784 | 206 | 1 | 154 | 1,145 | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 2 | 4 | | 3 | 9 | 157 | 318 | 25 | 145 | 645 | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 2 | 4 | | 4 | 10 | 244 | 411 | 5 | 318 | 978 | |
| 49 | Pots and Traps, Hagfish | OPEN | all | NE | all | | | | | | 68 | 17 | 17 | 48 | 150 | P |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 6 | 5 | 9 | 6 | 26 | 558 | 319 | 174 | 353 | 1,404 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 9 | 5 | | 4 | 18 | 13,178 | 8,816 | 3,736 | 6,419 | 32,149 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | | | | | | 31 | | | 1 | 32 | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 35 | 30 | 20 | 33 | 118 | 134 | 160 | 242 | 166 | 702 | |
| 54 | Scottish Seine | OPEN | all | MA | sm | | | | | | | 6 | | 2 | 8 | P |
| 55 | Dredge, Other | OPEN | all | MA | all | | | | | | 33 | 112 | 99 | 46 | 290 | P |
| 56 | Dredge, Other | OPEN | all | NE | all | | | | | | 19 | 33 | 28 | 26 | 106 | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 12 | 10 | 9 | 14 | 45 | 929 | 716 | 745 | 811 | 3,200 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 16 | 11 | 7 | 9 | 43 | 517 | 413 | 482 | 711 | 2,123 | |
| | | | | | Total | 1,459 | 1,147 | 1,232 | 1,466 | 5,304 | 40,248 | 26,894 | 21,276 | 33,957 | 122,374 | * |

Table 4. Vessel Trip Report kept weight of all species (live mt), percentage of kept weight of all species across all fleets, kept weight of all species with observer (OB) coverage from statistical areas and quarters with at least 1 observed trip and at least 3 observed trips in the fleet and quarter, and percentage of kept weight of all species with observer coverage, by fleet based on July 2022 through June 2023 data. See Table 1A for fleet stratification abbreviations.

| Flee Row | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Kept Weight (mt) | Percentage of Kept Weight | Kept Weight with OB coverage (mt) | Percentage of Kept Weight with OB coverage |
|-------------|------------------------------|----------------|------------------|--------|---------------|---------------------|------------------------------|---|---|
| 1 | Longline, Bottom | OPEN | all | MA | all | 714 | 0.2 | 589 | 82.5 |
| 2 | Longline, Bottom | OPEN | all | NE | all | 630 | 0.2 | 582 | 92.4 |
| 3 | Hand Line | OPEN | all | MA | all | 177 | <0.1 | 51 | 28.9 |
| 4 | Hand Line | OPEN | all | NE | all | 683 | 0.2 | 156 | 22.8 |
| 5 | Otter Trawl | OPEN | all | MA | sm | 10,729 | 2.6 | 9,901 | 92.3 |
| 6 | Otter Trawl | OPEN | all | MA | lg | 6,130 | 1.5 | 5,288 | 86.3 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 17,667 | 4.3 | 15,251 | 86.3 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 20,948 | 5.1 | 18,961 | 90.5 |
| 10 | Otter Trawl, LgMesh Belly Pa | nel OPEN | all | NE | sm | 1,387 | 0.3 | 0 | 0.0 |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 395 | 0.1 | 99 | 25.2 |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 52 | <0.1 | 0 | 0.0 |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 771 | 0.2 | 283 | 36.7 |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 441 | 0.1 | 0 | 0.0 |
| 19 | Otter Trawl, Haddock Separat | or OPEN | all | NE | lg | 727 | 0.2 | 602 | 82.8 |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 364 | 0.1 | 0 | 0.0 |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 799 | 0.2 | 0 | 0.0 |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 715 | 0.2 | 0 | 0.0 |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 775 | 0.2 | 0 | 0.0 |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 172 | <0.1 | 0 | 0.0 |
| 27 | Floating Trap | OPEN | all | NE | all | 92 | <0.1 | 0 | 0.0 |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 1,876 | 0.5 | 1,616 | 86.1 |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 2,750 | 0.7 | 2,232 | 81.2 |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 791 | 0.2 | 489 | 61.8 |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 45 | <0.1 | 0 | 0.0 |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 2,008 | 0.5 | 1,729 | 86.1 |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 5,815 | 1.4 | 5,468 | 94.0 |
| 34 | Purse Seine | OPEN | all | MA | all | 16,931 | 4.2 | 0 | 0.0 |
| 35 | Purse Seine | OPEN | all | NE | all | 3,058 | 0.8 | 2,318 | 75.8 |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 7 | <0.1 | 0 | 0.0 |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 4,182 | 1.0 | 3,416 | 81.7 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 3,814 | 0.9 | 0 | 0.0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 35,052 | 8.6 | 28,761 | 82.1 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 2,338 | 0.6 | 2,056 | 87.9 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 3,131 | 0.8 | 2,306 | 73.6 |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 3,595 | 0.9 | 0 | 0.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 56,757 | 13.9 | 51,887 | 91.4 |
| 44 | Trawl, Midwater | all | all | NE | sm | 8,962 | 2.2 | 4,671 | 52.1 |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 450 | 0.1 | 172 | 38.2 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 272 | 0.1 | 221 | 81.5 |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 423 | 0.1 | 269 | 63.6 |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 478 | 0.1 | 342 | 71.6 |

| Flee Row | - | Access Area | Trip Category | Region | Mesh Group | Kept Weight (mt) | Percentage of Kept Weight | Kept Weight with OB coverage (mt) | Percentage of Kept Weight with OB coverage |
|-------------|-------------------------------|----------------|------------------|--------|---------------|---------------------|------------------------------|---|---|
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 643 | 0.2 | 355 | 55.2 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 19,799 | 4.9 | 4,383 | 22.1 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 7 | <0.1 | 0 | 0.0 |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 3,200 | 0.8 | 2,309 | 72.2 |
| 55 | Dredge, Other | OPEN | all | MA | all | 141 | <0.1 | 0 | 0.0 |
| 56 | Dredge, Other | OPEN | all | NE | all | 360 | 0.1 | 0 | 0.0 |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 90,067 | 22.1 | 44,285 | 49.2 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 74,334 | 18.2 | 62,277 | 83.8 |
| | Confidential fleets | | | | | 789 | 0.2 | 0 | 0.0 |
| | Other minor fleets | | | | | 946 | 0.2 | 0 | 0.0 |
| | | | | | Total | 407,383 | 100.0 | 273,323 | 67.1 |

Table 5A. Total catch (live lb), Vessel Trip Report landings (kept; live lb), estimated discards (live lb), associated coefficient of variation (CV), and standard error (SE) of the estimated discards (live lb) for 14 fish and invertebrate species groups, by fleet, based on July 2022 through June 2023 data. Dark shading indicates fleets not considered or with no observed trips in the annual analysis. Light shading indicates that the variance of the discard estimate was not used in the annual sample size analysis. Blank CV indicates either no discards or discards equal 0. See Table 1A for fleet stratification abbreviations; "P" indicates fleets with "pilot" designation.

Species Group: ATLANTIC HERRING (Clupea harengus)

| Fle | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | CV | SE | Pilot |
|-----|--------------------------------|----------------|------------------|----------|---------------|-----------|-----------|-----------|-------|-------|-------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | 51 | 11100 |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 80 | 80 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 3,040 | 2,927 | 113 | 0.595 | 67 | |
| 6 | Otter Trawl | OPEN | all | MA | lq | 0 | 0 | 0 | 0.333 | 0, | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 1,267,013 | 1,258,301 | 8,712 | 0.854 | 7,439 | |
| 8 | Otter Trawl | OPEN | all | NE | lq | 4,959 | 345 | 4,614 | 0.372 | 1,716 | |
| 10 | Otter Trawl, LgMesh Belly Pane | | all | NE | sm | 16,290 | 16,290 | 0 | 0.372 | 1,710 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 584 | 584 | 0 | | | r |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lq | 70 | 70 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | r |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE NE | sm | 0 | 0 | 0 | | | P |
| 19 | | | all | NE NE | | 24 | 0 | 24 | 0.787 | 19 | P |
| | Otter Trawl, Haddock Separator | | | | lg | | | 24 | 0.787 | 19 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 500 | 500 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 0 | 0 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 2,014,340 | 2,014,325 | 15 | 0.324 | 5 | |

| Flee | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------|-------------------------------|--------|----------|--------|-------|------------|------------|-----------|-------|-------|-------|
| 1.0# | Geal Type | Area | Category | | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 23 | 0 | 23 | 1.192 | 27 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | 0 | | | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 0 | 0 | 0 | | | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 50 | 0 | 50 | 1.633 | 82 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 0 | 0 | 0 | | | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 3 | 0 | 3 | 0.989 | 3 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 13,263,925 | 13,262,944 | 981 | 0.439 | 431 | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 791,800 | 791,800 | | | | |
| | | | | ŗ | TOTAL | 17,362,701 | 17,348,166 | 14,535 | 0.526 | 7,647 | |

Table 5A. Total catch (live lb), Vessel Trip Report landings (kept; live lb), estimated discards (live lb), associated coefficient of variation (CV), and standard error of the estimated discards (SE; live lb) for 14 fish and invertebrate species groups, by fleet, based on July 2022 through June 2023 data. Dark shading indicates fleets not considered or with no observed trips in the annual analysis. Light shading indicates that the variance of the discard estimate was not used in the annual sample size analysis. Blank CV indicates either no discards or discards equals 0. "P" indicates fleets with "pilot" designation.

Species Group: ATLANTIC SALMON (Salmo salar)

| Flee | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|------|--|----------------|------------------|--------|---------------|-------|------|-----------|----|----|-------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | 52 | 11100 |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 6 | Otter Trawl | OPEN | all | MA | lq | 0 | 0 | 0 | | | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 8 | Otter Trawl | OPEN | all | NE | lq | 0 | 0 | 0 | | | |
| 10 | Otter Trawl, LgMesh Belly Pane | | all | NE | sm | 0 | 0 | 0 | | | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | | | 1 |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lq | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | - |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | - | | | P |
| 19 | Otter Trawl, Haddock Separator | | all | NE | lq | 0 | 0 | 0 | | | - |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | | 0 | 0 | 0 | | | P |
| 22 | Otter Trawl, Shrimp Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| | · · · · · · · · · · · · · · · · · · · | OPEN | all | MA | | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | | | | lg | 0 | 0 | | | | |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | | | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 0 | 0 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee | | | | | | | | | | | |
|------|-------------------------------|----------------|------------------|--------|---------------|-------|------|-----------|----|----|------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilo |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 0 | 0 | 0 | | | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | 0 | | | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 0 | 0 | 0 | | | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 0 | 0 | 0 | | | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 0 | 0 | 0 | | | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 0 | 0 | 0 | | | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 0 | 0 | | | | |
| | | | | 5 | TOTAL | 0 | 0 | 0 | | | |

Table 5A. Total catch (live lb), Vessel Trip Report landings (kept; live lb), estimated discards (live lb), associated coefficient of variation (CV), and standard error of the estimated discards (SE; live lb) for 14 fish and invertebrate species groups, by fleet, based on July 2022 through June 2023 data. Dark shading indicates fleets not considered or with no observed trips in the annual analysis. Light shading indicates that the variance of the discard estimate was not used in the annual sample size analysis. Blank CV indicates either no discards or discards equals 0. "P" indicates fleets with "pilot" designation.

Species Group: BLUEFISH (Pomatomus saltatrix)

| .ee | et Gear Type | Access Area | Trip Category | Region | Mesh Group | | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
|-----|--------------------------------|----------------|------------------|--------|---------------|---|---------|-----------------|----------------------|---------------------------|---------------------------------|
| | Longline, Bottom | OPEN | all | MA | all | , | 41 | _ | - | - | |
| | Longline, Bottom | OPEN | all | NE | all | | 0 | | | | |
| | Hand Line | OPEN | all | MA | all | l | 27,267 | 27,267 27,267 | 27,267 27,267 0 | 27,267 27,267 0 | 27,267 27,267 0 |
| | Hand Line | OPEN | all | NE | all | | 19,212 | 19,212 19,212 | 19,212 19,212 0 | 19,212 19,212 0 | 19,212 19,212 0 |
| | Otter Trawl | OPEN | all | MA | sm | | 50,987 | 50,987 46,624 | 50,987 46,624 4,363 | 50,987 46,624 4,363 0.454 | 50,987 46,624 4,363 0.454 1,980 |
| | Otter Trawl | OPEN | all | MA | lg | | 28,049 | 28,049 26,049 | 28,049 26,049 2,000 | 28,049 26,049 2,000 0.539 | 28,049 26,049 2,000 0.539 1,078 |
| | Otter Trawl | OPEN | all | NE | sm | | 25,368 | 25,368 15,753 | 25,368 15,753 9,615 | 25,368 15,753 9,615 0.360 | 25,368 15,753 9,615 0.360 3,465 |
| | Otter Trawl | OPEN | all | NE | lg | | 12,108 | 12,108 11,929 | 12,108 11,929 179 | 12,108 11,929 179 1.556 | 12,108 11,929 179 1.556 279 |
| 0 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | | 120 | 120 120 | 120 120 0 | 120 120 0 | 120 120 0 |
| 3 | Otter Trawl, Twin | OPEN | all | MA | sm | | 1,057 | 1,057 781 | 1,057 781 276 | 1,057 781 276 0.488 | 1,057 781 276 0.488 135 |
| 4 | Otter Trawl, Twin | OPEN | all | MA | lg | | 100 | 100 100 | 100 100 0 | 100 100 0 | 100 100 0 |
| 5 | Otter Trawl, Twin | OPEN | all | NE | sm | | 1,438 | 1,438 60 | 1,438 60 1,378 | 1,438 60 1,378 0.639 | 1,438 60 1,378 0.639 881 |
| 8 | Otter Trawl, Ruhle | OPEN | all | NE | sm | | 10 | 10 10 | 10 10 | 10 10 | 10 10 |
| 9 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 0 | Otter Trawl, Shrimp | OPEN | all | MA | sm | | 35 | 35 35 | 35 35 | 35 35 | 35 35 |
| 2 | Otter Trawl, Other | OPEN | all | MA | sm | | 13,230 | 13,230 13,230 | 13,230 13,230 | 13,230 13,230 | 13,230 13,230 |
| 3 | Otter Trawl, Other | OPEN | all | MA | lg | | 3,370 | 3,370 3,370 | 3,370 3,370 | 3,370 3,370 | 3,370 3,370 |
| 4 | Otter Trawl, Other | OPEN | all | NE | sm | | 118 | 118 118 | 118 118 | 118 118 | 118 118 |
| 5 | Otter Trawl, Other | OPEN | all | NE | lg | | 293 | 293 293 | 293 293 | 293 293 | 293 293 |
| 7 | Floating Trap | OPEN | all | NE | all | | 3 | 3 3 | 3 3 | 3 3 | 3 3 |
| 8 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | | 213,888 | 213,888 213,766 | 213,888 213,766 122 | 213,888 213,766 122 0.832 | 213,888 213,766 122 0.832 101 |
| 9 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | | 91,915 | 91,915 88,459 | 91,915 88,459 3,456 | 91,915 88,459 3,456 0.975 | 91,915 88,459 3,456 0.975 3,368 |
| 0 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | | 2,784 | 2,784 2,724 | 2,784 2,724 60 | 2,784 2,724 60 1.113 | 2,784 2,724 60 1.113 67 |
| 1 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | | 10 | 10 10 | 10 10 | 10 10 | 10 10 |
| 2 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | | 69,378 | 69,378 69,215 | 69,378 69,215 163 | 69,378 69,215 163 1.045 | 69,378 69,215 163 1.045 170 |
| 3 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | | 5,664 | 5,664 5,195 | 5,664 5,195 469 | 5,664 5,195 469 0.791 | 5,664 5,195 469 0.791 371 |
| 4 | Purse Seine | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 5 | Purse Seine | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 6 | Dredge, Scallop | AA | GEN | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |

| Flee | | | | | | | | | | | |
|------|-------------------------------|----------------|------------------|--------|---------------|---------|---------|-----------|-------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 0 | 0 | 0 | | | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | 0 | | | Р |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 0 | 0 | 0 | | | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 0 | 0 | 0 | | | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 0 | 0 | 0 | | | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 0 | 0 | 0 | | | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 828 | 828 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 217 | 217 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 516 | 516 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 379 | 379 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 128 | 128 | | | | |
| | Other minor fleets | | | | | 468 | 468 | | | | |
| | | | | | FOTAL | 568,980 | 546,900 | 22,080 | 0.246 | 5,430 | |

Species Group: FLUKE (Paralichthys dentatus) - SCUP (Stenotomus chrysops) - BLACK SEA BASS (Centropristis striata)

| Flee | ot Gear Type | Access | Trip | Region | Mesh | | | Discarded | cv | SE | |
|------|--------------------------------|--------------|----------|--------|-------|------------|-----------|-----------|-------|---------|-------|
| 1 | Longline, Bottom | Area OPEN | Category | MA | Group | Total 3 | Kept 3 | Discarded | CV | SE | Pilot |
| | | | | | | - | 0 | | 0.450 | 125 | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 298 | - | 298 | 0.452 | 135 | |
| 3 | Hand Line | OPEN | all | MA | all | 213,068 | 168,466 | 44,602 | 0.623 | 27,769 | |
| 4 | Hand Line | OPEN | all | NE | all | 53,225 | 52,615 | 610 | 7.140 | 4,357 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 7,769,348 | 6,051,952 | 1,717,396 | 0.181 | 310,197 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 10,840,013 | 9,969,742 | 870,271 | 0.194 | 168,845 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 6,864,537 | 2,787,907 | 4,076,630 | 0.199 | 813,216 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 2,978,688 | 2,508,000 | 470,688 | 0.307 | 144,353 | |
| 10 | Otter Trawl, LgMesh Belly Pane | 1 OPEN | all | NE | sm | 85,050 | 68,195 | 16,855 | 0.425 | 7,164 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 183,028 | 37,804 | 145,224 | 0.511 | 74,186 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 103,212 | 101,321 | 1,891 | 0.128 | 242 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 3,911 | 2,237 | 1,674 | 0.618 | 1,035 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 7,266 | 7,266 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 11,654 | 11,650 | 4 | 0.971 | 4 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 74,841 | 74,841 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 591,553 | 591,553 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 1,086,212 | 1,086,212 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 70,646 | 70,646 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 100,703 | 100,703 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 17,881 | 17,881 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 14,269 | 13,605 | 664 | 0.222 | 147 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 5,860 | 4,924 | 936 | 1.101 | 1,030 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 110 | 110 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 33,984 | 32,014 | 1,970 | 0.575 | 1,133 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 36,161 | 22,164 | 13,997 | 0.217 | 3,036 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee Row | t Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|-------------|-------------------------------|----------------|------------------|--------|---------------|------------|------------|-----------|-------|---------|-------|
| 37 | Dredge, Scallop | AA | GEN | NE | all | 9,873 | 30 | 9,843 | 0.306 | 3,015 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 4,413 | 50 | 4,363 | 0.000 | 0 | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 134,415 | 4 | 134,411 | 0.280 | 37,674 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 84,751 | 23,754 | 60,997 | 0.347 | 21,193 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 11,158 | 0 | 11,158 | 0.789 | 8,809 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 6,613 | 2,395 | 4,218 | 0.499 | 2,106 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 254,716 | 80 | 254,636 | 0.388 | 98,676 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 772,724 | 605,870 | 166,854 | 0.176 | 29,314 | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 749,999 | 550,008 | 199,991 | 0.450 | 90,037 | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 851 | 800 | 51 | 0.859 | 44 | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 9,156 | 2,323 | 6,833 | 0.515 | 3,518 | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 175,489 | 156,135 | 19,354 | 1.053 | 20,383 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 64,236 | 45,204 | 19,032 | 0.716 | 13,631 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 3 | 0 | 3 | 1.011 | 3 | |
| 55 | Dredge, Other | OPEN | all | MA | all | 60 | 60 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 26,023 | 0 | 26,023 | 0.488 | 12,705 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 1,717 | 111 | 1,606 | 0.937 | 1,506 | |
| | Confidential fleets | | | | | 18,846 | 18,846 | | | | |
| | Other minor fleets | | | | | 218,379 | 218,379 | | | | |
| | | | | | TOTAL | 33,688,944 | 25,405,860 | 8,283,084 | 0.110 | 913,612 | |

Species Group: LARGE MESH GROUNDFISH

| Fle | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | CV | SE | Pilot |
|-----|--------------------------------|----------------|------------------|--------|---------------|------------|------------|-----------|-------|---------|-------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 68,265 | 55,610 | 12,655 | 6.535 | 82,698 | |
| 3 | Hand Line | OPEN | all | MA | all | 5,362 | 5,362 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 18,763 | 16,670 | 2,093 | 0.385 | 805 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 111,680 | 30 | 111,650 | 0.256 | 28,601 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 160,478 | 41,592 | 118,886 | 0.237 | 28,140 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 1,740,346 | 1,547,784 | 192,562 | 0.207 | 39,935 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 27,764,060 | 25,433,848 | 2,330,212 | 0.328 | 763,389 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 36,031 | 0 | 36,031 | 0.403 | 14,503 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 6,972 | 15 | 6,957 | 0.592 | 4,117 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 106 | 0 | 106 | 1.280 | 136 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 1,527,559 | 1,441,151 | 86,408 | 0.491 | 42,419 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 57 | 57 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 1,135 | 1,135 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 145,196 | 145,196 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 3 | 3 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 674 | 3 | 671 | 0.225 | 151 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 5 | 0 | 5 | 0.724 | 4 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 959,535 | 875,031 | 84,504 | 0.515 | 43,501 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 80,801 | 51,261 | 29,540 | 0.295 | 8,704 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee Row | t Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|-------------|-------------------------------|----------------|------------------|--------|---------------|------------|------------|-----------|-------|---------|-------|
| 37 | Dredge, Scallop | AA | GEN | NE | all | 18,146 | 166 | 17,980 | 0.168 | 3,028 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 3,915 | 3 | 3,912 | 0.000 | 0 | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 159,247 | 158 | 159,089 | 0.154 | 24,439 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 1,627 | 31 | 1,596 | 0.306 | 489 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 64,485 | 3 | 64,482 | 0.281 | 18,132 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 6,775 | 0 | 6,775 | 0.499 | 3,383 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 467,389 | 225 | 467,164 | 0.132 | 61,443 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 108 | 105 | 3 | 0.444 | 1 | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 267 | 267 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 158 | 98 | 60 | 0.741 | 44 | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 9,749 | 17 | 9,732 | 1.720 | 16,744 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 314,525 | 1,216 | 313,309 | 0.431 | 135,048 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 187 | 0 | 187 | 0.951 | 178 | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 69 | 0 | 69 | 1.684 | 116 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 766 | 0 | 766 | 1.029 | 788 | |
| | Confidential fleets | | | | | 4,546 | 4,546 | | | | |
| | Other minor fleets | | | | | 15,665 | 15,665 | | | | |
| | | | | | TOTAL | 33,694,652 | 29,637,248 | 4,057,404 | 0.194 | 787,428 | |

Species Group: MONKFISH (Lophius americanus)

| Flee | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|------|---------------------------------------|----------------|------------------|--------|---------------|-----------|-----------|-----------|-------|---------|-------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 526 | 21 | 505 | 0.698 | 353 | 11100 |
| 2 | Longline, Bottom | OPEN | all | NE | all | 27 | 27 | 0 | 0.050 | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 5 | 5 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 149,509 | 39,085 | 110,424 | 0.298 | 32,852 | |
| 6 | Otter Trawl | OPEN | all | MA | lq | 465,610 | 159,607 | 306,003 | 0.499 | 152,602 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 222,541 | 101,741 | 120,800 | 0.331 | 39,963 | |
| 8 | Otter Trawl | OPEN | all | NE | lq | 9,546,646 | 8,650,173 | 896,472 | 0.149 | 133,708 | |
| 10 | Otter Trawl, LgMesh Belly Pane | | all | NE | sm | 1,152 | 900 | 252 | 1.063 | 268 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 397 | 296 | 101 | 0.418 | 42 | - |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lq | 4,754 | 847 | 3,907 | 0.128 | 500 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 1,585 | 631 | 954 | 0.517 | 494 | - |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 238 | 238 | 224 | 0.317 | 131 | P |
| 19 | Otter Trawl, Haddock Separator | | all | NE | lq | 97,241 | 92,635 | 4,606 | 0.448 | 2,062 | - |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 92,633 | 4,000 | 0.440 | 2,002 | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 752 | 752 | | | | P |
| | · · · · · · · · · · · · · · · · · · · | OPEN | all | MA | | 7,604 | 7,604 | | | | P |
| 23 | Otter Trawl, Other | | | | lg | · | | | | | |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 2,102 | 2,102 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 33,335 | 33,335 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 48 | 48 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 446 | 78 | 368 | 0.544 | 200 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 535,130 | 529,517 | 5,613 | 0.479 | 2,688 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 11,415 | 11,415 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 461,788 | 458,848 | 2,939 | 0.481 | 1,413 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 3,341,879 | 3,212,382 | 129,497 | 0.230 | 29,834 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee Row | t Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|-------------|-------------------------------|----------------|------------------|--------|---------------|------------|------------|-----------|-------|---------|-------|
| 37 | Dredge, Scallop | AA | GEN | NE | all | 370,862 | 14,923 | 355,939 | 0.113 | 40,309 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 69,477 | 8,663 | 60,815 | 0.000 | 0 | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 1,605,271 | 21,527 | 1,583,744 | 0.116 | 183,346 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 85,971 | 11,329 | 74,642 | 0.200 | 14,914 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 126,617 | 5,402 | 121,216 | 0.305 | 37,030 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 97,738 | 3,088 | 94,650 | 0.434 | 41,103 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 3,080,944 | 20,703 | 3,060,240 | 0.134 | 409,901 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 10 | 10 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 199 | 55 | 144 | 2.632 | 380 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 22 | 0 | 22 | 0.637 | 14 | |
| 55 | Dredge, Other | OPEN | all | MA | all | 2,348 | 2,348 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 43,659 | 12,564 | 31,095 | 0.350 | 10,891 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 93,905 | 0 | 93,905 | 0.498 | 46,721 | |
| | Confidential fleets | | | | | 1,501 | 1,501 | | | | |
| | Other minor fleets | | | | | 2,598 | 2,598 | | | | |
| | | | | | TOTAL | 20,465,851 | 13,406,996 | 7,058,855 | 0.071 | 503,577 | |

Species Group: RED DEEPSEA CRAB (Chaceon quinquedens)

| Fle | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|-----|--------------------------------|--------|----------|--------|-------|---------|------|-----------|-------|---------|-------|
| | -17- | Area | Category | | Group | Total | Kept | Discarded | cv | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 728 | 550 | 178 | 0.596 | 106 | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 216,409 | 110 | 216,299 | 0.808 | 174,804 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 27 | 0 | 27 | 0.737 | 20 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 12,935 | 0 | 12,935 | 0.735 | 9,505 | |
| 10 | Otter Trawl, LgMesh Belly Pane | 1 OPEN | all | NE | sm | 0 | 0 | 0 | | | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 5 | 0 | 5 | 0.945 | 4 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | Р |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | Р |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 42 | 0 | 42 | 1.026 | 43 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 0 | 0 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------|-------------------------------|--------|----------|--------|-------|-----------|-----------|---|-----------|-----------------|-------------------------|
| | | Area | Category | | Group | Total | Kept | | Discarded | Discarded CV | Discarded CV SE |
| 7 | Dredge, Scallop | AA | GEN | NE | all | 0 | 0 | | 0 | 0 | 0 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | | 0 | 0 | 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 0 | 0 | | 0 | 0 | 0 |
| 10 | Dredge, Scallop | OPEN | GEN | MA | all | 120 | 0 | | 120 | 120 0.983 | 120 0.983 118 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 50 | 0 | | 50 | 50 1.637 | 50 1.637 82 |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 0 | 0 | | 0 | 0 | 0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 681 | 0 | _ | 681 | 681 0.676 | 681 0.676 461 |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | • | 0 | 0 | 0 |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | | 0 | 0 | 0 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | | 0 | 0 | 0 |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | | 0 | 0 | 0 |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | | 0 | 0 | 0 |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 2,101 | 0 | | 2,101 | 2,101 0.297 | 2,101 0.297 624 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 10,585 | 10,585 | | 0 | 0 | 0 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 5,833,479 | 4,631,081 | | 1,202,398 | 1,202,398 0.201 | 1,202,398 0.201 241,175 |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | | 0 | 0 | 0 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | | 0 | 0 | 0 |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 260 | 260 | | | | |
| | | | | ŗ | TOTAL | 6,077,424 | 4,642,586 | | 1,434,838 | 1,434,838 0.208 | 1,434,838 0.208 298,015 |

Species Group: SEA SCALLOP (Placopecten magellanicus)

| Fle | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|-----|--------------------------------|--------|----------|--------|-------|---------|--------|-----------|-------|--------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | CA | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 77,292 | 32,720 | 44,571 | 0.562 | 25,033 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 191,328 | 88,249 | 103,079 | 0.434 | 44,759 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 187,573 | 17,518 | 170,055 | 0.580 | 98,708 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 135,428 | 31,064 | 104,364 | 0.496 | 51,759 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 14,115 | 0 | 14,115 | 0.425 | 5,999 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 25 | 25 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 377 | 0 | 377 | 0.697 | 263 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 333 | 333 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 292 | 292 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 1,666 | 1,666 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 8,880 | 8,880 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | Р |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 335 | 0 | 335 | 1.100 | 368 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 6 | 0 | 6 | 0.669 | 4 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 970 | 0 | 970 | 0.767 | 744 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 1,125 | 1,125 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 14,578 | 14,578 | | | | P |

| Flee Row | t Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | CV | SE | Pilot |
|-------------|-------------------------------|----------------|------------------|--------|---------------|-------------|-------------|------------|-------|-----------|-------|
| 37 | Dredge, Scallop | AA | GEN | NE | all | 10,059,229 | 9,204,377 | 854,852 | 0.204 | 174,075 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 8,401,202 | 8,400,580 | 622 | 0.000 | 0 | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 80,823,799 | 77,254,269 | 3,569,530 | 0.191 | 683,345 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 5,377,855 | 5,103,262 | 274,593 | 0.276 | 75,690 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 7,251,255 | 6,668,805 | 582,450 | 0.608 | 354,203 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 7,941,133 | 7,919,348 | 21,786 | 0.499 | 10,878 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 132,259,053 | 125,106,141 | 7,152,911 | 0.286 | 2,045,906 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 5,498 | 5,498 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 87,548 | 87,548 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 106,799 | 106,799 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 302,203 | 192,181 | 110,022 | 0.734 | 80,749 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 72,748 | 68,206 | 4,542 | 0.463 | 2,104 | |
| | Confidential fleets | | | | | 83,633 | 83,633 | | | | |
| | Other minor fleets | | | | | 133 | 133 | | | | |
| | | | | ŗ | TOTAL | 253,406,408 | 240,397,230 | 13,009,179 | 0.169 | 2,199,071 | |

Species Group: SKATE COMPLEX (Rajidae)

| Fle | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|-----|--------------------------------|----------------|------------------|--------|---------------|------------|-----------|-----------|-------|-----------|-------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 10,514 | 0 | 10,514 | 0.722 | 7,588 | 11100 |
| 2 | Longline, Bottom | OPEN | all | NE | all | 36,644 | 945 | 35,698 | 0.694 | 24,770 | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | , | |
| 4 | Hand Line | OPEN | all | NE | all | 763 | 0 | 763 | 6.348 | 4,842 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 5,363,408 | 364,918 | 4,998,490 | 0.197 | 983,312 | |
| 6 | Otter Trawl | OPEN | all | MA | lq | 11,348,219 | 2,434,827 | 8,913,393 | 0.189 | 1,682,254 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 4,058,608 | 195,227 | 3,863,380 | 0.270 | 1,044,750 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 15,376,815 | 7,349,952 | 8,026,863 | 0.152 | 1,219,515 | |
| 10 | Otter Trawl, LgMesh Belly Pane | 1 OPEN | all | NE | sm | 54,346 | 13,858 | 40,488 | 0.642 | 26,012 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 109,351 | 10,595 | 98,756 | 0.529 | 52,215 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 326,252 | 9,897 | 316,354 | 0.066 | 20,915 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 932 | 0 | 932 | 0.586 | 546 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 1,498 | 1,498 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 415,650 | 27,171 | 388,478 | 0.241 | 93,431 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 42,090 | 42,090 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 397,545 | 397,545 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 4,711 | 4,711 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 33,451 | 33,451 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 5,222 | 1,969 | 3,253 | 0.566 | 1,842 | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 84,756 | 22,493 | 62,264 | 0.152 | 9,448 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 1,268,404 | 1,136,223 | 132,182 | 0.416 | 55,027 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 45,510 | 45,510 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 410,934 | 277,911 | 133,023 | 0.389 | 51,751 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 10,613,688 | 9,258,116 | 1,355,572 | 0.357 | 483,969 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | Р |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee Row | t Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | CV | SE | Pilot |
|-------------|-------------------------------|----------------|------------------|--------|---------------|------------|------------|------------|-------|-----------|-------|
| 37 | Dredge, Scallop | AA | GEN | NE | all | 473,380 | 0 | 473,380 | 0.121 | 57,430 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 265,836 | 0 | 265,836 | 0.000 | 0 | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 7,341,503 | 0 | 7,341,503 | 0.159 | 1,170,799 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 746,290 | 130 | 746,160 | 0.136 | 101,723 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 387,967 | 0 | 387,967 | 0.349 | 135,416 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 241,142 | 0 | 241,142 | 0.794 | 191,395 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 7,826,202 | 0 | 7,826,202 | 0.137 | 1,074,215 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 90 | 90 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 3,500 | 3,500 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 177,531 | 0 | 177,531 | 0.287 | 50,949 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 141,243 | 0 | 141,243 | 0.451 | 63,635 | |
| | Confidential fleets | | | | | 21,373 | 21,373 | | | | |
| | Other minor fleets | | | | | 31,925 | 31,925 | | | | |
| | | | | ŗ | TOTAL | 67,667,293 | 21,685,925 | 45,981,368 | 0.066 | 3,037,903 | |

Species Group: SMALL MESH GROUNDFISH

| Flee | | | | | | | | | | | |
|------|--------------------------------|----------------|------------------|--------|---------------|-----------|-----------|-----------|-------|-----------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 350 | 286 | 64 | 1.336 | 85 | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 127 | 65 | 62 | 5.995 | 370 | |
| 3 | Hand Line | OPEN | all | MA | all | 696 | 696 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 137 | 137 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 1,609,369 | 1,487,596 | 121,773 | 0.318 | 38,779 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 105,908 | 57,295 | 48,613 | 0.596 | 28,951 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 7,222,876 | 4,281,660 | 2,941,216 | 0.428 | 1,257,658 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 1,689,931 | 537,030 | 1,152,901 | 0.182 | 210,168 | |
| 10 | Otter Trawl, LgMesh Belly Pane | 1 OPEN | all | NE | sm | 3,065,200 | 2,847,815 | 217,385 | 0.111 | 24,164 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 2,187 | 1,977 | 210 | 0.442 | 93 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 285 | 285 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 15,291 | 2,805 | 12,486 | 0.262 | 3,266 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 3,520 | 3,520 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 37,546 | 5,737 | 31,809 | 0.418 | 13,287 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 25,258 | 25,258 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 1,743 | 1,743 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 328,666 | 328,666 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 329 | 329 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 172 | 172 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 9 | 9 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 29,247 | 23,801 | 5,446 | 0.394 | 2,144 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 3,818 | 2,424 | 1,394 | 0.484 | 674 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee Row | t Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|-------------|-------------------------------|----------------|------------------|--------|---------------|------------|-----------|-----------|-------|-----------|-------|
| 37 | Dredge, Scallop | AA | GEN | NE | all | 22,601 | 0 | 22,601 | 0.133 | 2,997 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 12,097 | 0 | 12,097 | 0.000 | 0 | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 159,359 | 70 | 159,289 | 0.168 | 26,791 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 1,584 | 0 | 1,584 | 0.506 | 801 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 6,598 | 0 | 6,598 | 0.417 | 2,751 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 34 | 18 | 16 | 2.378 | 37 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 344,802 | 55 | 344,747 | 0.164 | 56,509 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 1,826 | 1,825 | 1 | 0.420 | < 1 | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 602 | 602 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 5 | 5 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 16,418 | 8,983 | 7,435 | 1.595 | 11,861 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 395,395 | 2,144 | 393,251 | 0.727 | 286,087 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 7 | 0 | 7 | 0.958 | 7 | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 318 | 0 | 318 | 0.680 | 216 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 958 | 0 | 958 | 0.959 | 919 | |
| | Confidential fleets | | | | | 211 | 211 | | | | |
| | Other minor fleets | | | | | 114,796 | 114,796 | | | | |
| | | | | | TOTAL | 15,220,274 | 9,738,015 | 5,482,259 | 0.239 | 1,309,545 | |

Species Group: SPINY DOGFISH (Squalus acanthias)\

| Flee | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------|--------------------------------|--------|----------|--------|-------|-----------|-----------|-----------|-------|-----------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 133,710 | 97,226 | 36,484 | 1.078 | 39,337 | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 1,356,474 | 1,328,777 | 27,697 | 0.403 | 11,167 | |
| 3 | Hand Line | OPEN | all | MA | all | 312 | 63 | 249 | 0.471 | 118 | |
| 4 | Hand Line | OPEN | all | NE | all | 16,679 | 15,340 | 1,339 | 2.655 | 3,555 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 3,057,697 | 28,038 | 3,029,659 | 0.189 | 572,981 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 2,803,474 | 88,965 | 2,714,509 | 0.401 | 1,089,126 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 1,377,784 | 775 | 1,377,009 | 0.298 | 410,079 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 2,910,358 | 81,562 | 2,828,796 | 0.279 | 788,281 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 56,074 | 445 | 55,629 | 0.384 | 21,379 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 63,922 | 1,045 | 62,877 | 0.685 | 43,048 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 4,368 | 260 | 4,108 | 0.128 | 526 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 16,376 | 0 | 16,376 | 0.638 | 10,441 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 104,640 | 0 | 104,640 | 0.311 | 32,495 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 37,475 | 37,475 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 24,250 | 24,250 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 360 | 360 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 3,182,675 | 3,005,718 | 176,957 | 0.976 | 172,796 | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 5,272,823 | 5,136,818 | 136,005 | 0.166 | 22,641 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 59,888 | 55,893 | 3,995 | 0.441 | 1,763 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 8,124 | 8,124 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 3,245,516 | 2,603,376 | 642,140 | 0.542 | 348,108 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 327,544 | 253,916 | 73,628 | 0.225 | 16,532 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee Row | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|-------------|-------------------------------|--------|----------|--------|-------|------------|------------|------------|-------|-----------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 3,878 | 0 | 3,878 | 0.266 | 1,032 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 8,095 | 0 | 8,095 | 0.000 | 0 | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 15,275 | 0 | 15,275 | 0.222 | 3,384 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 1,443 | 0 | 1,443 | 0.631 | 911 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 2,821 | 0 | 2,821 | 0.813 | 2,294 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 1,173 | 0 | 1,173 | 0.499 | 586 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 92,363 | 0 | 92,363 | 0.402 | 37,146 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 5,019 | 3,300 | 1,719 | 0.426 | 732 | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 34 | 0 | 34 | 3.340 | 115 | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 1,015 | 1,015 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 3,149 | 0 | 3,149 | 0.846 | 2,663 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 39,033 | 0 | 39,033 | 0.530 | 20,683 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 40,458 | 0 | 40,458 | 1.068 | 43,219 | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 1,100 | 1,100 | | | | |
| | | | | | FOTAL | 24,275,382 | 12,773,841 | 11,501,541 | 0.136 | 1,569,950 | |

Species Group: SQUID (Doryteuthis [Amerigo] pealeii, Illex illecebrosus) - BUTTERFISH (Peprilus triacanthus) - MACKEREL (Scomber colias, Scomber scombrus)

| Flee | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|------|--------------------------------|----------------|------------------|--------|---------------|------------|------------|-----------|-------|-----------|-------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 1,004 | 1,004 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 1,273,561 | 1,260,927 | 12,634 | 0.397 | 5,014 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 15,653,455 | 13,335,315 | 2,318,140 | 0.320 | 741,635 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 490,604 | 392,703 | 97,901 | 0.622 | 60,878 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 35,975,466 | 28,499,129 | 7,476,337 | 0.207 | 1,545,643 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 671,660 | 544,095 | 127,565 | 0.557 | 71,023 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 172,133 | 108,770 | 63,363 | 0.336 | 21,259 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 1,067,282 | 768,477 | 298,805 | 0.416 | 124,226 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 2,270 | 2,270 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 2,310,450 | 1,689,865 | 620,585 | 0.293 | 182,033 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 955,015 | 955,015 | | | | Р |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 303 | 80 | 223 | 0.838 | 187 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 1,197 | 1,197 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 1,040,095 | 1,040,095 | | | | Р |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 35,713 | 35,713 | | | | Р |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 1,289,714 | 1,289,714 | | | | Р |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 1,275 | 1,275 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 11 | 11 | | | | Р |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 8,336 | 8,104 | 232 | 1.283 | 297 | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 350 | 140 | 210 | 0.688 | 145 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 2 | 2 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 4,243 | 2,698 | 1,545 | 0.573 | 885 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 1,427 | 273 | 1,154 | 0.683 | 788 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | Р |
| 35 | Purse Seine | OPEN | all | NE | all | 47 | 40 | 7 | 0.664 | 5 | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| ee w | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|---------|-------------------------------|--------|----------|--------|-------|------------|-------|------------|-----------------------|-----------------------------|---------------------------------------|
| | | Area | Category | | Group | | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
| Ι | Oredge, Scallop | AA | GEN | NE | all | | 69 | 69 0 | 69 0 69 | 69 0 69 0.417 | 69 0 69 0.417 29 |
| | Dredge, Scallop | AA | LIM | MA | all | | 77 | 77 0 | 77 0 77 | 77 0 77 0.000 | 77 0 77 0.000 0 |
|) | Dredge, Scallop | AA | LIM | NE | all | 1,485 | 5 | 5 0 | 5 0 1,485 | 5 0 1,485 0.362 | 5 0 1,485 0.362 537 |
|) | Dredge, Scallop | OPEN | GEN | MA | all | 985 | | 18 | 18 967 | 18 967 0.294 | 18 967 0.294 284 |
| | Dredge, Scallop | OPEN | GEN | NE | all | 830 | | 0 | 0 830 | 0 830 0.536 | 0 830 0.536 445 |
| | Dredge, Scallop | OPEN | LIM | MA | all | 669 | Э | 9 20 | 9 20 649 | 9 20 649 1.320 | 9 20 649 1.320 856 |
| | Dredge, Scallop | OPEN | LIM | NE | all | 4,101 | | 7 | 7 4,094 | 7 4,094 0.193 | 7 4,094 0.193 792 |
| | Trawl, Midwater | all | all | NE | sm | 6,486,941 | Ĺ | 6,486,533 | 6,486,533 408 | 6,486,533 408 2.515 | 6,486,533 408 2.515 1,027 |
| | Pots and Traps, Fish | OPEN | all | MA | all | 225 | | 27 | 27 198 | 27 198 0.722 | 27 198 0.722 143 |
| 5 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Conch | OPEN | all | MA | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Conch | OPEN | all | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| 2 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | ĺ | 0 | 0 | 0 | 0 |
| | Pots and Traps, Crab | OPEN | all | NE | all | 1 | _ | 0 | 0 1 | 0 1 1.323 | 0 1 1.323 2 |
| , | Dredge, Other | OPEN | all | MA | all | 0 | | 0 | 0 | 0 | 0 |
| 6 | Dredge, Other | OPEN | all | NE | all | 0 | | 0 | 0 | _ 0 | 0 |
| 7 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| 8 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | ĺ | 0 | 0 0 | 0 0 | 0 0 |
| | Confidential fleets | | | | | 169 | | 169 | 169 | 169 | 169 |
| | Other minor fleets | | | | | 398,941 | | 398,941 | 398,941 | 398,941 | 398,941 |
| | | | | | FOTAL | 67,850,106 | | 56,822,627 | 56,822,627 11,027,479 | 56,822,627 11,027,479 0.157 | 56,822,627 11,027,479 0.157 1,731,137 |

Species Group: SURFCLAM (Spisula solidissima) - OCEAN QUAHOG (Arctica islandica)

| Fle | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------|--------------------------------|--------|----------|--------|-------|--------|------|-----------|-------|-------|------|
| 1.0# | Geal Type | Area | Category | | Group | Total | Kept | Discarded | CA | SE | Pilo |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 1,094 | 0 | 1,094 | 0.483 | 529 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 10,309 | 0 | 10,309 | 0.485 | 5,002 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 1,354 | 0 | 1,354 | 0.707 | 958 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 3,809 | 10 | 3,799 | 0.689 | 2,618 | |
| 10 | Otter Trawl, LgMesh Belly Pane | 1 OPEN | all | NE | sm | 0 | 0 | 0 | | | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | Р |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | Р |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 65 | 0 | 65 | 1.134 | 74 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | Р |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 16 | 0 | 16 | 0.917 | 15 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | Р |

| Flee Row | t Gear Type | Access | Trip | Region | Mesh | | | Discarded | - | | |
|-------------|-------------------------------|--------|----------|--------|-------|-------------|-------------|-----------|-------|-----------|-------|
| | | Area | Category | | Group | Total | Kept | | CV | SE | Pilot |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 840 | 0 | 840 | 0.564 | 474 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 40 | 0 | 40 | 0.000 | 0 | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 88,215 | 0 | 88,215 | 0.279 | 24,633 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 8,223 | 0 | 8,223 | 0.348 | 2,860 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 209,790 | 209,125 | 665 | 0.562 | 374 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 825 | 0 | 825 | 2.378 | 1,963 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 120,155 | 0 | 120,155 | 0.387 | 46,510 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 2,793 | 0 | 2,793 | 1.003 | 2,802 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 158,064 | 158,064 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 201,400,232 | 198,321,737 | 3,078,495 | 0.655 | 2,014,898 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 163,766,630 | 163,757,487 | 9,143 | 1.044 | 9,541 | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 0 | 0 | | | | |
| | | | | , | TOTAL | 365,772,455 | 362,446,424 | 3,326,031 | 0.606 | 2,015,622 | |

Species Group: TILEFISH

| Flee | | | | | | | | | | | |
|------|--------------------------------|----------------|------------------|--------|---------------|-----------|-----------|-----------|-------|-------|-----|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pil |
| 1 | Longline, Bottom | OPEN | all | MA | all | 1,341,309 | 1,340,865 | 444 | 1.047 | 464 | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 24,066 | 24,066 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 1,470 | 1,470 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 8,432 | 5,416 | 3,016 | 0.450 | 1,357 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 12,881 | 3,345 | 9,536 | 0.630 | 6,011 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 36,886 | 13,996 | 22,890 | 0.401 | 9,175 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 984 | 713 | 271 | 0.733 | 199 | |
| 10 | Otter Trawl, LgMesh Belly Pane | open | all | NE | sm | 0 | 0 | 0 | | | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 582 | 582 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 1,765 | 1,209 | 556 | 0.554 | 308 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 130 | 130 | | | | Р |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 194 | 194 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 525 | 525 | | | | Р |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 547 | 547 | | | | Р |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | Р |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 3 | 3 | | | | Р |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 4,737 | 1,327 | 3,410 | 0.572 | 1,951 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | Р |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | Р |

| Flee | | | | | | | | | | | |
|------|-------------------------------|----------------|------------------|--------|---------------|-----------|-----------|-----------|-------|--------|------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilo |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 0 | 0 | 0 | | | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | 0 | | | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 0 | 0 | 0 | | | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 0 | 0 | 0 | | | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 0 | 0 | 0 | | | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 4 | 0 | 4 | 0.970 | 3 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 1,178 | 1,178 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 1,340 | 1,340 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 4,103 | 4,103 | | | | |
| | | | | | TOTAL | 1,441,136 | 1,401,009 | 40,127 | 0.280 | 11,239 | |

Species: BLACK SEA BASS (Centropristis striata)

| Flee | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|------|--------------------------------|----------------|------------------|--------|---------------|-----------|-----------|-----------|-------|---------|-------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 3 | 3 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 82 | 0 | 82 | 1.031 | 85 | |
| 3 | Hand Line | OPEN | all | MA | all | 156,638 | 127,457 | 29,181 | 0.732 | 21,350 | |
| 4 | Hand Line | OPEN | all | NE | all | 47,627 | 47,062 | 565 | 7.697 | 4,345 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 1,414,564 | 1,175,732 | 238,832 | 0.179 | 42,853 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 537,636 | 435,568 | 102,068 | 0.392 | 40,052 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 642,034 | 131,779 | 510,255 | 0.434 | 221,401 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 97,512 | 71,488 | 26,024 | 0.374 | 9,726 | |
| 10 | Otter Trawl, LgMesh Belly Pane | el OPEN | all | NE | sm | 2,754 | 0 | 2,754 | 0.425 | 1,170 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 9,476 | 3,370 | 6,106 | 0.637 | 3,890 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 2,759 | 2,045 | 714 | 0.128 | 91 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 552 | 47 | 505 | 0.639 | 323 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 136 | 136 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 4 | 0 | 4 | 0.971 | 4 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 115 | 115 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 99,248 | 99,248 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 29,831 | 29,831 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 5,064 | 5,064 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 1,496 | 1,496 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 420 | 420 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 616 | 616 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 2,762 | 2,743 | 19 | 0.778 | 15 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 4,156 | 3,733 | 423 | 0.762 | 322 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 81 | 45 | 36 | 1.113 | 40 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| ee 7 | t Gear Type | Access | Trip | Region | Mes | | | | | | |
|---------|-------------------------------|--------|----------|--------|-------|---|------------------|---------------------|-------------------------------|-------------------------------------|---|
| | | Area | Category | | Group | 4 | Total | | *** | • | |
| 37 | Dredge, Scallop | AA | GEN | NE | all | | 19 | 19 0 | 19 0 19 | 19 0 19 0.703 | 19 0 19 0.703 13 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | l | 376 | 376 0 | 376 0 376 | 376 0 376 0.940 | 376 0 376 0.940 353 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | | 4,236 | 4,236 1,085 | 4,236 1,085 3,151 | 4,236 1,085 3,151 0.900 | 4,236 1,085 3,151 0.900 2,837 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | | 677 | 677 0 | 677 0 677 | 677 0 677 1.006 | 677 0 677 1.006 681 |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 3 | Dredge, Scallop | OPEN | LIM | NE | all | | 1,299 | 1,299 0 | 1,299 0 1,299 | 1,299 0 1,299 0.680 | 1,299 0 1,299 0.680 884 |
| 4 | Trawl, Midwater | all | all | NE | sm | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | | 752 , 927 | 752,927 587,643 | 752,927 587,643 165,284 | 752,927 587,643 165,284 0.187 | 752,927 587,643 165,284 0.187 30,987 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | | 507,739 | 507,739 347,200 | 507,739 347,200 160,539 | 507,739 347,200 160,539 0.507 | 507,739 347,200 160,539 0.507 81,459 |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | | 851 | 851 800 | 851 800 51 | 851 800 51 0.859 | 851 800 51 0.859 44 |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | ١ | 8,825 | 8,825 2,195 | 8,825 2,195 6,630 | 8,825 2,195 6,630 0.498 | 8,825 2,195 6,630 0.498 3,298 |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | | 166,385 | 166,385 151,684 | 166,385 151,684 14,701 | 166,385 151,684 14,701 1.001 | 166,385 151,684 14,701 1.001 14,719 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | | 52,989 | 52,989 33,957 | 52,989 33,957 19,032 | 52,989 33,957 19,032 0.716 | 52,989 33,957 19,032 0.716 13,631 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | | 3 | 3 0 | 3 0 3 | 3 0 3 1.011 | 3 0 3 1.011 3 |
| 55 | Dredge, Other | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 56 | Dredge, Other | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | | 2,005 | 2,005 0 | 2,005 0 2,005 | 2,005 0 2,005 0.375 | 2,005 0 2,005 0.375 752 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Confidential fleets | | | | | | 575 | 575 575 | 575 575 | 575 575 | 575 575 |
| | Other minor fleets | | | | | | 3,010 | 3,010 3,010 | 3,010 3,010 | 3,010 3,010 | 3,010 3,010 |
| | | | | | TOTAL | | 4,557,482 | 4,557,482 3,266,147 | 4,557,482 3,266,147 1,291,335 | 4,557,482 3,266,147 1,291,335 0.191 | 4,557,482 3,266,147 1,291,335 0.191 247,112 |

Species: FLUKE (Paralichthys dentatus)

| Flee | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | CV | SE | Pilot |
|------|--------------------------------|----------------|------------------|--------|---------------|-----------|-----------|-----------|-------|-------------|-------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 216 | 0 | 216 | 0.513 | 111 | |
| 3 | Hand Line | OPEN | all | MA | all | 28,623 | 17,660 | 10,963 | 1.333 | 14,619 | |
| 4 | Hand Line | OPEN | all | NE | all | 3,551 | 3,551 | 0 | 1.000 | 11,013 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 1,114,546 | 924,948 | 189,598 | 0.190 | 35,974 | |
| 6 | Otter Trawl | OPEN | all | MA | lq | 7,886,578 | 7,587,219 | 299,359 | 0.334 | 99,888 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 1,373,188 | 989,426 | 383,762 | 0.251 | 96,431 | |
| 8 | Otter Trawl | OPEN | all | NE | lq | 1,646,241 | 1,527,238 | 119,003 | 0.570 | 67,781 | |
| 10 | Otter Trawl, LgMesh Belly Pane | | all | NE | sm | 1,000 | 1,000 | 0 | 0.070 | 01,101 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 24,032 | 15,140 | 8,892 | 0.599 | 5,323 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 89,355 | 88,283 | 1,072 | 0.128 | 137 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 2,566 | 1,410 | 1,156 | 0.609 | 704 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 585 | 585 | , | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lq | 11,650 | 11,650 | 0 | | | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 74,426 | 74,426 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 23,554 | 23,554 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 779,171 | 779,171 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 22,778 | 22,778 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lq | 72,708 | 72,708 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 44 | 44 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 1,667 | 1,069 | 598 | 0.229 | 137 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 2,039 | 1,123 | 916 | 1.124 | 1,030 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 110 | 110 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 4,156 | 2,971 | 1,185 | 0.542 | 642 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 36,072 | 22,111 | 13,961 | 0.217 | 3,036 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee | t Gear Type | Access | Trip | Region | Mesh | | | | Discarded | , , , | |
|------|-------------------------------|--------|----------|--------|-------|------------|------------|---------|-----------|-------------|-------------------|
| | | Area | Category | | Group | Total | Kept | Dis | | | |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 9,854 | 30 | | 9,824 | 9,824 0.307 | 9,824 0.307 3,015 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 4,413 | 50 | 4, | 363 | 363 0.000 | 363 0.000 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 133,998 | 4 | 133,9 | 94 | 0.280 | 94 0.280 37,553 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 65,584 | 8,557 | 57,0 | 27 | 0.366 | 27 0.366 20,899 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 9,650 | 0 | 9,6 | 50 | 0.760 | 50 0.760 7,337 |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 6,613 | 2,395 | 4,2 | 18 | 0.499 | 18 0.499 2,106 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 253,344 | 80 | 253,26 | 54 | 0.389 | 0.389 98,461 |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | | 0 | 0 | 0 |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 2,623 | 1,269 | 1,35 | 4 | 3.175 | 3.175 4,298 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 330 | 330 | | 0 | 0 | 0 |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | | 0 | 0 | 0 |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | | 0 | 0 | 0 |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 597 | 517 | 8 | 30 | 30 2.592 | 30 2.592 208 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 15 | 15 | | 0 | 0 | 0 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | | 0 | 0 | 0 |
| 55 | Dredge, Other | OPEN | all | MA | all | 60 | 60 | | | | |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 24,018 | 0 | 24,01 | . 8 | 0.500 | .8 0.500 12,019 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 1,606 | 0 | 1,60 | 6 | 0.937 | 0.937 1,506 |
| | Confidential fleets | | | | | 13,547 | 13,547 | | | | |
| | Other minor fleets | | | | | 52,410 | 52,410 | | | | |
| | | | | | TOTAL | 13,777,518 | 12,247,439 | 1,530,0 | 79 | 79 0.126 | 79 0.126 192,853 |

Species: SCUP (Stenotomus chrysops)

| Fle Row | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------------|--------------------------------|--------|----------|--------|-------|-----------|-----------|-----------|-------|---------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | CA | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 27,807 | 23,349 | 4,458 | 0.886 | 3,951 | |
| 4 | Hand Line | OPEN | all | NE | all | 2,048 | 2,002 | 46 | 7.698 | 352 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 5,240,238 | 3,951,272 | 1,288,966 | 0.200 | 257,277 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 2,415,798 | 1,946,955 | 468,843 | 0.246 | 115,317 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 4,849,315 | 1,666,702 | 3,182,613 | 0.221 | 703,325 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 1,234,935 | 909,274 | 325,661 | 0.353 | 114,875 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 81,296 | 67,195 | 14,101 | 0.425 | 5,994 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 149,520 | 19,294 | 130,226 | 0.523 | 68,092 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 11,098 | 10,993 | 105 | 0.128 | 13 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 792 | 780 | 12 | 0.639 | 8 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 6,545 | 6,545 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 300 | 300 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 468,751 | 468,751 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 277,210 | 277,210 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 42,804 | 42,804 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 26,499 | 26,499 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 17,417 | 17,417 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 11,986 | 11,920 | 66 | 0.818 | 54 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 1,058 | 1,058 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 25,672 | 25,310 | 362 | 0.836 | 303 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 8 | 8 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |
| | | | | | | | Ü | | | | _ |

| ee w | et Gear Type | Access | Trip | Region | Mes | sh | sh | sh | sh | sh | sh |
|---------|-------------------------------|--------|----------|--------|-------|----|------------|----------------------|--------------------------------|--------------------------------------|--|
| | | Area | Category | | Group | | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
| 37 | Dredge, Scallop | AA | GEN | NE | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | | 42 | 42 0 | 42 0 42 | 42 0 42 0.976 | 42 0 42 0.976 41 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | | 14,930 | 14,930 14,112 | 14,930 14,112 818 | 14,930 14,112 818 1.054 | 14,930 14,112 818 1.054 862 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | | 831 | 831 0 | 831 0 831 | 831 0 831 1.312 | 831 0 831 1.312 1,091 |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 13 | Dredge, Scallop | OPEN | LIM | NE | all | | 72 | 72 0 | 72 0 72 | 72 0 72 0.583 | 72 0 72 0.583 42 |
| 4 | Trawl, Midwater | all | all | NE | sm | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | | 17,175 | 17,175 16,958 | 17,175 16,958 217 | 17,175 16,958 217 1.003 | 17,175 16,958 217 1.003 218 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | | 241,930 | 241,930 202,478 | 241,930 202,478 39,452 | 241,930 202,478 39,452 0.513 | 241,930 202,478 39,452 0.513 20,227 |
| 17 | Pots and Traps, Conch | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 8 | Pots and Traps, Conch | OPEN | all | NE | all | ı | 331 | 331 128 | 331 128 203 | 331 128 203 1.461 | 331 128 203 1.461 297 |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | | 8,507 | 8,507 3,934 | 8,507 3,934 4,573 | 8,507 3,934 4,573 1.818 | 8,507 3,934 4,573 1.818 8,316 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | | 11,232 | 11,232 11,232 | 11,232 11,232 0 | 11,232 11,232 0 | 11,232 11,232 0 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 55 | Dredge, Other | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 56 | Dredge, Other | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | | 111 | 111 111 | 111 111 0 | 111 111 0 | 111 111 0 |
| | Confidential fleets | | | | | | 4,724 | 4,724 4,724 | 4,724 4,724 | 4,724 4,724 | 4,724 4,724 |
| | Other minor fleets | | | | | | 162,959 | 162,959 162,959 | 162,959 162,959 | 162,959 162,959 | 162,959 162,959 |
| | | | | | TOTAL | | 15,353,943 | 15,353,943 9,892,274 | 15,353,943 9,892,274 5,461,669 | 15,353,943 9,892,274 5,461,669 0.141 | 15,353,943 9,892,274 5,461,669 0.141 769,753 |

Species: ACADIAN REDFISH (Sebastes fasciatus)

| Fle Row | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|------------|--------------------------------|----------------|------------------|--------|---------------|-----------|-----------|-----------|-------|--------|-------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 168 | 168 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 480 | 480 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 141 | 141 | 0 | | | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 1,019,166 | 1,018,648 | 518 | 1.004 | 520 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 4,868,443 | 4,839,940 | 28,503 | 0.405 | 11,534 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 0 | 0 | 0 | | | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 54,039 | 53,727 | 312 | 0.444 | 138 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 158 | 158 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 4,898 | 4,725 | 173 | 0.527 | 91 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 11 | 11 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------|-------------------------------|--------|----------|--------|-------|-----------|-----------|-----------|-------|--------|-------|
| 1.0# | Gear Type | Area | Category | | Group | Total | Kept | Discarded | cv | SE | Pilot |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 45 | 0 | 45 | 0.560 | 25 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | 0 | | | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 0 | 0 | 0 | | | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 3 | 0 | 3 | 1.622 | 5 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 0 | 0 | 0 | | | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 9 | 0 | 9 | 0.984 | 9 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 11,835 | 0 | 11,835 | 1.260 | 14,907 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 3,200 | 3,200 | | | | |
| | | | | | TOTAL | 5,962,596 | 5,921,198 | 41,398 | 0.455 | 18,856 | |

Species: AMERICAN PLAICE (Hippoglossoides platessoides)

| Flee | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------|--------------------------------|---------|----------|--------|-------|-----------|-----------|-----------|-------|--------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 14,418 | 14,418 | 0 | | | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 3,915 | 3,476 | 439 | 0.721 | 317 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 1,890,764 | 1,779,526 | 111,238 | 0.608 | 67,673 | |
| 10 | Otter Trawl, LgMesh Belly Pane | el OPEN | all | NE | sm | 0 | 0 | 0 | | | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 20,612 | 19,705 | 907 | 0.863 | 783 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 35 | 35 | | | | Р |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 26,200 | 26,200 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 5,155 | 4,361 | 794 | 0.563 | 447 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 20 | 20 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee Row | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|-------------|-------------------------------|--------|----------|--------|-------|-----------|-----------|-----------|-------|--------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 720 | 0 | 720 | 0.472 | 340 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | 0 | | | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 3,224 | 0 | 3,224 | 0.378 | 1,218 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 4,551 | 0 | 4,551 | 0.824 | 3,749 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 778 | 0 | 778 | 0.499 | 389 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 40,321 | 5 | 40,316 | 0.614 | 24,774 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 195 | 195 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 15 | 15 | | | | |
| | Other minor fleets | | | | | 71 | 71 | | | | |
| | | | | | TOTAL | 2,010,995 | 1,848,027 | 162,968 | 0.443 | 72,181 | |

Species: ATLANTIC COD (Gadus morhua)

| | Gear Type | Access | - | Region | Mesh | m-+-1 | W | Di d . d | cv | SE | D:1-+ |
|----|--------------------------------|--------|----------|--------|-------|---------|---------|-----------|-------|-------|-------|
| _ | | Area | Category | | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 6,250 | 5,983 | 267 | 7.204 | 1,925 | |
| 3 | Hand Line | OPEN | all | MA | all | 5,295 | 5,295 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 6,765 | 4,672 | 2,093 | 0.385 | 805 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 70 | 0 | 70 | 0.729 | 51 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 2,453 | 2,398 | 55 | 0.874 | 48 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 6,054 | 5,434 | 620 | 0.472 | 293 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 573,381 | 561,361 | 12,020 | 0.232 | 2,792 | |
| 10 | Otter Trawl, LgMesh Belly Pane | 1 OPEN | all | NE | sm | 9,667 | 0 | 9,667 | 0.425 | 4,109 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 25 | 0 | 25 | 1.008 | 26 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 28,127 | 26,687 | 1,440 | 0.349 | 503 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 7,377 | 7,377 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 86,307 | 83,141 | 3,166 | 0.533 | 1,688 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 10,307 | 8,185 | 2,122 | 0.361 | 765 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee Row | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|-------------|-------------------------------|--------|----------|--------|-------|---------|---------|-----------|-------|---------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | cv | SE | Pilot |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 152 | 0 | 152 | 0.446 | 68 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 3 | 3 | 0 | | | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 1,627 | 0 | 1,627 | 0.358 | 583 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 576 | 0 | 576 | 0.894 | 515 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 780 | 0 | 780 | 0.499 | 389 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 25,466 | 0 | 25,466 | 0.385 | 9,794 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 69 | 69 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 96 | 96 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 3,346 | 17 | 3,329 | 1.781 | 5,930 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 185,347 | 997 | 184,350 | 0.630 | 116,086 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | Р |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 298 | 298 | | | | |
| | | | | | TOTAL | 959,838 | 712,013 | 247,825 | 0.471 | 116,793 | |

Species: ATLANTIC HALIBUT (Hippoglossus hippoglossus)

| Fle Row | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | CV | SE | Pilo |
|------------|--------------------------------|----------------|------------------|--------|---------------|--------|--------|-----------|-------|--------|------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 17,396 | 5,309 | 12,087 | 6.838 | 82,659 | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 2,349 | 2,349 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 49 | 49 | 0 | | | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 1,442 | 978 | 464 | 0.730 | 339 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 36,551 | 19,300 | 17,251 | 0.213 | 3,679 | |
| 10 | Otter Trawl, LgMesh Belly Pane | el OPEN | all | NE | sm | 0 | 0 | 0 | | | Р |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | F |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | F |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 3,822 | 1,566 | 2,256 | 0.611 | 1,378 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | E |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | F |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | E |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | E |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 225 | 225 | | | | F |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | F |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | F |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 7,569 | 2,010 | 5,559 | 0.583 | 3,243 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 27,764 | 4,585 | 23,179 | 0.331 | 7,683 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | F |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | F |

| | t Gear Type | Access | Trip | Region | Mesh | | | | | |
|----|-------------------------------|--------|----------|--------|-------|--------|---------------|----------------------|----------------------------|-----------------------------------|
| | | Area | Category | | Group | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 65 | 65 0 | 65 0 65 | 65 0 65 1.192 | 65 0 65 1.192 78 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 997 | 997 146 | 997 146 851 | 997 146 851 0.651 | 997 146 851 0.651 554 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 13 | Dredge, Scallop | OPEN | LIM | NE | all | 500 | 500 0 | 500 0 500 | 500 0 500 0.647 | 500 0 500 0.647 324 |
| 4 | Trawl, Midwater | all | all | NE | sm | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 202 | 202 202 | 202 202 0 | 202 202 0 | 202 202 0 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Confidential fleets | | | | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| | Other minor fleets | | | | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| | | | | | TOTAL | 98,932 | 98,932 36,719 | 98,932 36,719 62,213 | 98,932 36,719 62,213 1.337 | 98,932 36,719 62,213 1.337 83,175 |

Species: ATLANTIC WOLFFISH (Anarhichas Iupus)

| Flee | | | | | | | | | | | |
|------|--------------------------------|----------------|------------------|--------|---------------|--------|------|-----------|-------|--------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 44,980 | 12 | 44,968 | 0.505 | 22,702 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 0 | 0 | 0 | | | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 3,629 | 0 | 3,629 | 0.466 | 1,690 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | Р |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 787 | 12 | 775 | 0.817 | 633 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | Р |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee | | | | | | | | | | | |
|------|-------------------------------|----------------|------------------|--------|---------------|--------|------|-----------|-------|--------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 0 | 0 | 0 | | | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | 0 | | | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 0 | 0 | 0 | | | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 0 | 0 | 0 | | | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 0 | 0 | 0 | | | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 0 | 0 | 0 | | | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 0 | 0 | | | | |
| | | | | | TOTAL | 49,395 | 24 | 49,371 | 0.461 | 22,774 | |

Species: HADDOCK (Melanogrammus aeglefinus)

| Fle | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | CV | SE | Pilot |
|-----|--------------------------------|----------------|------------------|--------|---------------|-----------|-----------|-----------|-------|---------|-------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 43,701 | 43,495 | 206 | 7.204 | 1,481 | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 1,223 | 1,223 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 7 | 0 | 7 | 0.792 | 5 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 4,863 | 4,863 | 0 | | | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 108,187 | 104,258 | 3,929 | 0.487 | 1,915 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 9,185,694 | 7,587,983 | 1,597,711 | 0.477 | 761,624 | |
| 10 | Otter Trawl, LgMesh Belly Pane | el OPEN | all | NE | sm | 552 | 0 | 552 | 0.598 | 330 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | Р |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 1,261,973 | 1,187,375 | 74,598 | 0.572 | 42,654 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | Р |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 72,883 | 72,883 | | | | Р |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | Р |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 31,826 | 30,298 | 1,528 | 0.684 | 1,046 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 1,492 | 773 | 719 | 0.566 | 407 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| | t Gear Type | Access | Trip | Region | Me | sh | sh | sh | sh | sh | sh |
|----|-------------------------------|--------|----------|--------|-------|----|------------|----------------------|--------------------------------|--------------------------------------|--|
| | | Area | Category | | Group | | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
| 7 | Dredge, Scallop | AA | GEN | NE | all | | 28 | 28 0 | 28 0 28 | 28 0 28 0.721 | 28 0 28 0.721 20 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | | 27 | 27 0 | 27 0 27 | 27 0 27 1.009 | 27 0 27 1.009 27 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | | 9 | 9 0 | 9 0 9 | 9 0 9 1.172 | 9 0 9 1.172 11 |
| 2 | Dredge, Scallop | OPEN | LIM | MA | all | | 26 | 26 0 | 26 0 26 | 26 0 26 0.499 | 26 0 26 0.499 13 |
| 13 | Dredge, Scallop | OPEN | LIM | NE | all | | 9,255 | 9,255 0 | 9,255 0 9,255 | 9,255 0 9,255 0.368 | 9,255 0 9,255 0.368 3,406 |
| 4 | Trawl, Midwater | all | all | NE | sm | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 15 | Pots and Traps, Fish | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 17 | Pots and Traps, Conch | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 8 | Pots and Traps, Conch | OPEN | all | NE | all | ١ | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 0 | Pots and Traps, Lobster | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 3 | Pots and Traps, Crab | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 5 | Dredge, Other | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 56 | Dredge, Other | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 8 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Confidential fleets | | | | | | 4,450 | 4,450 4,450 | 4,450 4,450 | 4,450 4,450 | 4,450 4,450 |
| | Other minor fleets | | | | | | 6,803 | 6,803 6,803 | 6,803 6,803 | 6,803 6,803 | 6,803 6,803 |
| | | | | | TOTAL | | 10,732,999 | 10,732,999 9,044,404 | 10,732,999 9,044,404 1,688,595 | 10,732,999 9,044,404 1,688,595 0.452 | 10,732,999 9,044,404 1,688,595 0.452 762,829 |

Species: OCEAN POUT (Zoarces americanus)

| Flee | et | | | | | | | | | | |
|------|--------------------------------|----------------|------------------|--------|---------------|---------|------|-----------|-------|--------|-------|
| | Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 94 | 0 | 94 | 0.955 | 90 | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 2,390 | 0 | 2,390 | 0.844 | 2,017 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 665 | 0 | 665 | 0.688 | 458 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 3,004 | 0 | 3,004 | 0.543 | 1,631 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 109,067 | 0 | 109,067 | 0.320 | 34,933 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 0 | 0 | 0 | | | Р |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 97 | 0 | 97 | 1.013 | 98 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 1,807 | 0 | 1,807 | 0.280 | 506 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | Р |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 0 | 0 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| | t Gear Type | Access | Trip | Region | Mes | sh | sh | sh | sh | sh | sh |
|----|-------------------------------|--------|----------|--------|-------|----|---------|------------|----------------------|-------------------------|--------------------------------|
| | | Area | Category | | Group | | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
| 37 | Dredge, Scallop | AA | GEN | NE | all | | 410 | 410 0 | 410 0 410 | 410 0 410 0.304 | 410 0 410 0.304 125 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | | 332 | 332 0 | 332 0 332 | 332 0 332 0.637 | 332 0 332 0.637 211 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | | 45 | 45 0 | 45 0 45 | 45 0 45 1.222 | 45 0 45 1.222 55 |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | | 61 | 61 0 | 61 0 61 | 61 0 61 0.499 | 61 0 61 0.499 31 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | | 9,401 | 9,401 0 | 9,401 0 9,401 | 9,401 0 9,401 0.229 | 9,401 0 9,401 0.229 2,153 |
| 4 | Trawl, Midwater | all | all | NE | sm | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 15 | Pots and Traps, Fish | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 17 | Pots and Traps, Conch | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 8 | Pots and Traps, Conch | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 0 | Pots and Traps, Lobster | OPEN | all | MA | all | ١ | 6,404 | 6,404 0 | 6,404 0 6,404 | 6,404 0 6,404 2.480 | 6,404 0 6,404 2.480 15,884 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | | 18,599 | 18,599 0 | 18,599 0 18,599 | 18,599 0 18,599 1.794 | 18,599 0 18,599 1.794 33,364 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 55 | Dredge, Other | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 56 | Dredge, Other | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | | 746 | 746 0 | 746 0 746 | 746 0 746 1.060 | 746 0 746 1.060 791 |
| | Confidential fleets | | | | | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| | Other minor fleets | | | | | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| | | | | | TOTAL | | 153,122 | 153,122 0 | 153,122 0 153,122 | 153,122 0 153,122 0.333 | 153,122 0 153,122 0.333 50,973 |

Species: POLLOCK (Pollachius virens)

| 2 Longl: 3 Hand 1 4 Hand 1 5 Otter 6 Otter 7 Otter 8 Otter 10 Otter 13 Otter 14 Otter 15 Otter 19 Otter 20 Otter 22 Otter 24 Otter | | OPEN OPEN OPEN OPEN OPEN OPEN OPEN OPEN | all | MA NE MA NE MA NE MA NE MA NE NE | all all all sm lg sm | Total 0 647 0 7,731 44 672 | 0 647 0 7,731 0 | 0 0 0 0 0 44 | CV | SE | Pilot |
|--|--|---|---|----------------------------------|----------------------|----------------------------------|-------------------|-----------------------------|-----------|--------|-------|
| 2 Longl: 3 Hand 1 4 Hand 1 5 Otter 6 Otter 7 Otter 8 Otter 10 Otter 13 Otter 14 Otter 15 Otter 19 Otter 20 Otter 22 Otter 24 Otter | Line Line Trawl Trawl, LgMesh Belly Pane | OPEN OPEN OPEN OPEN OPEN OPEN OPEN OPEN | all all all all all all all all all | NE MA NE MA MA NE | all all all sm | 647 0 7,731 44 | 647 0 7,731 | 0 0 0 44 | 1.019 | 44 | |
| 3 Hand 1 4 Hand 1 5 Otter 6 Otter 7 Otter 8 Otter 10 Otter 13 Otter 14 Otter 15 Otter 19 Otter 20 Otter 22 Otter 24 Otter | Line Line Trawl Trawl Trawl Trawl Trawl Trawl Trawl, LgMesh Belly Pane | OPEN OPEN OPEN OPEN OPEN OPEN OPEN OPEN | all all all all all all all | MA NE MA MA NE | all all sm | 7,731 44 | 7,731 | 0 0 44 | 1.019 | 44 | |
| 4 Hand 1 5 Otter 6 Otter 7 Otter 8 Otter 10 Otter 13 Otter 14 Otter 15 Otter 19 Otter 20 Otter 22 Otter 24 Otter | Line Trawl Trawl Trawl Trawl Trawl Trawl, LgMesh Belly Pane Trawl, Twin | OPEN OPEN OPEN OPEN OPEN OPEN OPEN OPEN | all all all all all all | NE MA MA NE | all sm | 7,731 | 7,731 | 0 44 | 1.019 | 44 | |
| 5 Otter 6 Otter 7 Otter 8 Otter 10 Otter 13 Otter 14 Otter 15 Otter 19 Otter 20 Otter 23 Otter 24 Otter | Trawl Trawl Trawl Trawl Trawl, LgMesh Belly Paneer Trawl, Twin | OPEN OPEN OPEN OPEN 1 OPEN OPEN | all all all all | MA MA NE | sm lg | 44 | 0 | 44 | 1.019 | 44 | |
| 6 Otter 7 Otter 8 Otter 10 Otter 13 Otter 14 Otter 15 Otter 18 Otter 19 Otter 20 Otter 22 Otter 24 Otter | Trawl Trawl Trawl Trawl, LgMesh Belly Pane Trawl, Twin Trawl, Twin | OPEN OPEN OPEN 1 OPEN OPEN | all all all | MA NE | lg | | | | 1.019 | 44 | |
| 7 Otter 8 Otter 10 Otter 13 Otter 14 Otter 15 Otter 18 Otter 19 Otter 20 Otter 22 Otter 23 Otter 24 Otter | Trawl Trawl, LgMesh Belly Pane Trawl, Twin Trawl, Twin | OPEN OPEN OPEN OPEN | all all | NE | | 672 | 680 | | | | L |
| 8 Otter 10 Otter 13 Otter 14 Otter 15 Otter 18 Otter 19 Otter 20 Otter 22 Otter 23 Otter 24 Otter | r Trawl, LgMesh Belly Pane er Trawl, Twin er Trawl, Twin | OPEN 1 OPEN OPEN | all | | sm | | 672 | 0 | | | |
| 10 Otte) 13 Otte) 14 Otte) 15 Otte) 18 Otte) 19 Otte) 20 Otte) 22 Otte) 23 Otte) 24 Otte) | er Trawl, IgMesh Belly Pane er Trawl, Twin er Trawl, Twin | OPEN OPEN | all | NE | | 380,294 | 361,042 | 19,252 | 0.748 | 14,404 | |
| 13 Ottes 14 Ottes 15 Ottes 18 Ottes 19 Ottes 20 Ottes 22 Ottes 23 Ottes 24 Ottes | er Trawl, Twin | OPEN | | | lg | 5,261,564 | 5,197,674 | 63,890 | 0.460 | 29,383 | |
| 14 Otte: 15 Otte: 18 Otte: 19 Otte: 20 Otte: 22 Otte: 23 Otte: 24 Otte: | er Trawl, Twin | | | NE | sm | 0 | 0 | 0 | | | P |
| 15 Otte: 18 Otte: 19 Otte: 20 Otte: 22 Otte: 23 Otte: 24 Otte: | | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 18 Ottes 19 Ottes 20 Ottes 22 Ottes 23 Ottes 24 Ottes | r Trawl Twin | | all | MA | lg | 0 | 0 | 0 | | | P |
| 19 Otte: 20 Otte: 22 Otte: 23 Otte: 24 Otte: | T TTGMT, TMTII | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 20 Ottes 22 Ottes 23 Ottes 24 Ottes | er Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 22 Otte: 23 Otte: 24 Otte: | er Trawl, Haddock Separator | OPEN | all | NE | lg | 88,951 | 88,174 | 777 | 0.484 | 376 | |
| 23 Otter | er Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | Р |
| 24 Otte | er Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | Р |
| | er Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | Р |
| 25 Otte | er Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | Р |
| | er Trawl, Other | OPEN | all | NE | lg | 3,116 | 3,116 | | | | P |
| 27 Float | ting Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 Gillr | net, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 Gillr | net, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 Gillr | net, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 Gillr | net, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 Gillr | net, Sink, Anchor, Drift | OPEN | all | NE | lg | 549,596 | 484,044 | 65,552 | 0.558 | 36,597 | |
| 33 Gillr | | OPEN | all | NE | xlg | 31,243 | 29,096 | 2,147 | 0.476 | 1,021 | |
| 34 Purse | net, Sink, Anchor, Drift | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 Purse | net, Sink, Anchor, Drift se Seine | | all | NE | all | 0 | 0 | 0 | | | |
| 36 Dredo | | OPEN | | MA | all | | | | | | P |

| Flee Row | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|-------------|-------------------------------|--------|----------|--------|-------|-----------|----|-----------|-------------------|-------------------------|--------------------------------|
| | | Area | Category | | Group | Total | | Kept | Kept Discarded | Kept Discarded CV | Kept Discarded CV SE |
| Dr | edge, Scallop | AA | GEN | NE | all | | 13 | 13 0 | 13 0 13 | 13 0 13 1.189 | 13 0 13 1.189 16 |
| | Dredge, Scallop | AA | LIM | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Dredge, Scallop | AA | LIM | NE | all | C |) | 0 | 0 0 | 0 0 | 0 0 |
|) | Dredge, Scallop | OPEN | GEN | MA | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| L | Dredge, Scallop | OPEN | GEN | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Dredge, Scallop | OPEN | LIM | MA | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Dredge, Scallop | OPEN | LIM | NE | all | 31 | | 0 | 0 31 | 0 31 0.962 | 0 31 0.962 29 |
| | Trawl, Midwater | all | all | NE | sm | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Fish | OPEN | all | MA | all | 3 | ĺ | 3 | 3 0 | 3 0 | 3 0 |
| | Pots and Traps, Fish | OPEN | all | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Conch | OPEN | all | MA | all | 0 | _ | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Conch | OPEN | all | NE | all | 0 | _ | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Lobster | OPEN | all | NE | all | 2,445 | | 0 | 0 2,445 | 0 2,445 0.942 | 0 2,445 0.942 2,302 |
| | Pots and Traps, Crab | OPEN | all | MA | all | 0 | | 0 | 0 | 0 | 0 |
| | Pots and Traps, Crab | OPEN | all | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| 5 | Dredge, Other | OPEN | all | MA | all | 0 | | 0 | 0 | 0 | 0 |
| 6 | Dredge, Other | OPEN | all | NE | all | 0 | | 0 | 0 | _ 0 | 0 |
| 7 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| 8 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Confidential fleets | | | | | 70 | | 70 | 70 | _ 70 | 70 |
| | Other minor fleets | | | | | 745 | | 745 | 745 | 745 | 745 |
| | | | | | TOTAL | 6,327,164 | | 6,173,014 | 6,173,014 154,150 | 6,173,014 154,150 0.319 | 6,173,014 154,150 0.319 49,160 |

Species: WHITE HAKE (Urophycis tenuis)

| Fle Row | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilo |
|------------|---|----------------|------------------|----------|---------------|-----------|-----------|-----------|-------|--------|------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | 55 | 1110 |
| 2 | Longline, Bottom | OPEN | all | NE | all | 8 | 8 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 200 | 200 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 1,365 | 30 | 1,335 | 0.683 | 912 | |
| 6 | Otter Trawl | OPEN | all | MA | lq | 7,018 | 1,597 | 5,421 | 1.647 | 8,931 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 44,227 | 44,161 | 66 | 0.733 | 48 | |
| 8 | Otter Trawl | OPEN | all | NE | lq | 2,694,088 | 2,657,007 | 37,081 | 1.001 | 37,136 | |
| 10 | Otter Trawl, LgMesh Belly Pane | | all | NE | sm | 0 | 0 | 0 | | | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 282 | 15 | 267 | 1.027 | 275 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lq | 0 | 0 | 0 | 1.027 | 273 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | - |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | 3 | | | Р |
| 19 | Otter Trawl, Haddock Separator | | all | NE | lq | 47,444 | 47,242 | 202 | 0.918 | 186 | - |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | 202 | 0.910 | 100 | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 57 | 57 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lq | 120 | 120 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lq | 19,412 | 19,412 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 15,412 | 19,412 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | - |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lq | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlq | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | 0 | | | Р |
| 32 | Gillnet, Sink, Anchor, Drift Gillnet, Sink, Anchor, Drift | OPEN | all | NE NE | | 250,675 | | 5,008 | 0.539 | 2 600 | P |
| | | | all | | lg "l~ | · | 245,667 | 484 | | 2,698 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg all | 8,926 | 8,442 | 484 | 0.548 | 265 | P |
| 35 | Purse Seine Purse Seine | | | MA | | 0 | 0 | 0 | | | P |
| | | OPEN | all | NE | all | | | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| | t Gear Type | Access | Trip | Region | Mes | sh | sh | sh | sh | sh | sh |
|----|-------------------------------|--------|----------|--------|-------|----|-----------|---------------------|-----------------------------|-----------------------------------|--|
| | | Area | Category | · | Group | | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
| 37 | Dredge, Scallop | AA | GEN | NE | all | | 331 | 331 0 | 331 0 331 | 331 0.392 | 331 0 331 0.392 130 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | | 400 | 400 0 | 400 0 400 | 400 0 400 0.610 | 400 0 400 0.610 244 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | | 6 | 6 0 | 6 0 6 | 6 0 6 1.619 | 6 0 6 1.619 10 |
| 2 | Dredge, Scallop | OPEN | LIM | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 3 | Dredge, Scallop | OPEN | LIM | NE | all | | 691 | 691 0 | 691 0 691 | 691 0 691 0.394 | 691 0 691 0.394 272 |
| 44 | Trawl, Midwater | all | all | NE | sm | | 100 | 100 100 | 100 100 0 | 100 100 0 | 100 100 0 |
| 15 | Pots and Traps, Fish | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 0 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 18 | Pots and Traps, Conch | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | | 83,791 | 83,791 0 | 83,791 0 83,791 | 83,791 0 83,791 0.954 | 83,791 0 83,791 0.954 79,912 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 3 | Pots and Traps, Crab | OPEN | all | NE | all | | 186 | 186 0 | 186 0 186 | 186 0 186 0.958 | 186 0 186 0.958 178 |
| 55 | Dredge, Other | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 56 | Dredge, Other | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Confidential fleets | | | | | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| | Other minor fleets | | | | | | 4,335 | 4,335 4,335 | 4,335 4,335 | 4,335 4,335 | 4,335 4,335 |
| | | | | | TOTAL | | 3,163,663 | 3,163,663 3,028,393 | 3,163,663 3,028,393 135,270 | 3,163,663 3,028,393 135,270 0.655 | 3,163,663 3,028,393 135,270 0.655 88,619 |

Species: WINDOWPANE FLOUNDER (Scophthalmus aquosus)

| Flee | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------|--------------------------------|---------|----------|--------|-------|---------|------|-----------|-------|--------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 42,991 | 0 | 42,991 | 0.262 | 11,247 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 93,963 | 0 | 93,963 | 0.272 | 25,588 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 36,451 | 0 | 36,451 | 0.225 | 8,218 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 121,782 | 55 | 121,727 | 0.201 | 24,482 | |
| 10 | Otter Trawl, LgMesh Belly Pane | el OPEN | all | NE | sm | 528 | 0 | 528 | 0.425 | 225 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 1,908 | 0 | 1,908 | 0.492 | 939 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 106 | 0 | 106 | 1.280 | 136 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 56 | 0 | 56 | 0.894 | 50 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 35 | 35 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 626 | 0 | 626 | 0.212 | 133 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 5 | 0 | 5 | 0.724 | 4 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 2,350 | 1 | 2,349 | 0.483 | 1,134 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 11 | 0 | 11 | 1.107 | 13 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | Р |

| Flee Row | t Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | |
|-------------|-------------------------------|----------------|------------------|--------|---------------|---------|------|-----------|-------|-------|-----|
| 37 | Dredge, Scallop | AA | GEN | NE | all | 6,018 | 0 | 6,018 | 0.286 | 1,72 | 21 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 3,807 | 0 | 3,807 | 0.000 | | О |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 91,764 | 0 | 91,764 | 0.185 | 16,94 | 12 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 1,191 | 0 | 1,191 | 0.277 | 33 | 3 (|
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 20,330 | 0 | 20,330 | 0.363 | 7,38 | 3 5 |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 1,075 | 0 | 1,075 | 0.499 | 53 | 7 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 86,079 | 0 | 86,079 | 0.233 | 20,02 | 1 |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | _ |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | ĺ |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | ĺ |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 69 | 0 | 69 | 1.684 | 11 | 6 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 20 | 0 | 20 | 1.068 | 2 | 1 |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 0 | 0 | | | | |
| | | | | | TOTAL | 511,167 | 91 | 511,076 | 0.092 | 46,86 | 4 |

Species: WINTER FLOUNDER (Pseudopleuronectes americanus)

| Fle Row | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | CV | SE | Pilo |
|------------|--------------------------------|----------------|------------------|--------|---------------|---------|---------|-----------|-------|--------|------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | 1110 |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 67 | 67 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 15 | 15 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 31,869 | 0 | 31,869 | 0.323 | 10,296 | |
| 6 | Otter Trawl | OPEN | all | MA | lq | 15,969 | 5,164 | 10,805 | 0.262 | 2,833 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 121,351 | 679 | 120,672 | 0.247 | 29,796 | |
| 8 | Otter Trawl | OPEN | all | NE | lq | 628,486 | 584,439 | 44,047 | 0.210 | 9,240 | |
| 10 | Otter Trawl, LgMesh Belly Pane | | all | NE | sm | 404 | 0 | 404 | 0.868 | 350 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 4,659 | 0 | 4,659 | 0.656 | 3,056 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lq | 0 | 0 | 0 | 0.000 | 3,000 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | - |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | - | | | Р |
| 19 | Otter Trawl, Haddock Separator | | all | NE | lq | 3,246 | 3,246 | 0 | | | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | - | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lq | 945 | 945 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lq | 220 | 220 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 3 | 3 | 0 | | | - |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lq | 48 | 3 | 45 | 0.568 | 25 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlq | 0 | 0 | 0 | 3.300 | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | Р |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lq | 5,937 | 5,718 | 219 | 0.593 | 130 | _ |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlq | 187 | 94 | 93 | 1.063 | 99 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | 1.303 | 33 | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | Р |

| Flee | t Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | CV | , | 7 SE |
|------|-------------------------------|----------------|------------------|--------|---------------|-----------|---------|-----------|-------|---|-------|
| 37 | Dredge, Scallop | AA | GEN | NE | all | 8,869 | 166 | 8,703 | 0.25 | 6 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0,009 | 0 | 0,703 | 0.230 | , | 2,23 |
| | | | | | | - | - | | | | 4.05 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 6,529 | 6 | 6,523 | 0.300 | _ | , |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 435 | 31 | 404 | 0.989 | | 40 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 19,022 | 3 | 19,019 | 0.505 | | 9,60 |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 3,714 | 0 | 3,714 | 0.499 | | 1,85 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 233,321 | 0 | 233,321 | 0.180 | | 41,99 |
| 44 | Trawl, Midwater | all | all | NE | sm | 3 | 0 | 3 | 0.444 | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 6 | Pots and Traps, Fish | OPEN | all | NE | all | 62 | 2 | 60 | 0.741 | | 4 |
| 17 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 0 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 1 | Pots and Traps, Lobster | OPEN | all | NE | all | 12,306 | 17 | 12,289 | 1.070 | | 13,14 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 3 | 3 | | | | |
| | Other minor fleets | | | | | 0 | 0 | | | | |
| | | | | | TOTAL | 1,097,671 | 600,821 | 496,850 | 0.113 | | 56,01 |

Species: WITCH FLOUNDER (Glyptocephalus cynoglossus)

| | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|----|--------------------------------|--------|----------|--------|-------|-----------|-----------|-----------|-------|--------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | CA | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 32,902 | 0 | 32,902 | 0.624 | 20,517 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 20,049 | 12,122 | 7,927 | 1.065 | 8,440 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 13,589 | 7,059 | 6,530 | 0.475 | 3,104 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 1,747,534 | 1,679,775 | 67,759 | 0.753 | 51,024 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 0 | 0 | 0 | | | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 13,731 | 13,318 | 413 | 0.841 | 348 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 14,153 | 14,153 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 2,264 | 2,176 | 88 | 0.609 | 54 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 7 | 7 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| | t Gear Type | Access | Trip | Region | Mes | | | | | | |
|----|-------------------------------|--------|----------|--------|-------|---|-----------|---------------------|-----------------------------|-----------------------------------|--|
| _ | | Area | Category | | Group | _ | | - | - | | * |
| 37 | Dredge, Scallop | AA | GEN | NE | all | | 856 | 856 0 | 856 0 856 | 856 0 856 0.469 | 856 0 856 0.469 402 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | | 105 | 105 0 | 105 0 105 | 105 0 105 0.000 | 105 0 105 0.000 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | | 7,384 | 7,384 6 | 7,384 6 7,378 | 7,384 6 7,378 0.188 | 7,384 6 7,378 0.188 1,390 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | | 2,268 | 2,268 0 | 2,268 0 2,268 | 2,268 0 2,268 1.081 | 2,268 0 2,268 1.081 2,452 |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | ı | 283 | 283 0 | 283 0 283 | 283 0 283 0.499 | 283 0 283 0.499 141 |
| 13 | Dredge, Scallop | OPEN | LIM | NE | all | | 50,090 | 50,090 220 | 50,090 220 49,870 | 50,090 220 49,870 0.271 | 50,090 220 49,870 0.271 13,499 |
| 4 | Trawl, Midwater | all | all | NE | sm | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | ı | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 18 | Pots and Traps, Conch | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | | 1 | 1 0 | 1 0 1 | 1 0 1 1.323 | 1 0 1 1.323 2 |
| 55 | Dredge, Other | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 56 | Dredge, Other | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Confidential fleets | | | | | | 8 | 8 8 | 8 8 | 8 8 | 8 8 |
| | Other minor fleets | | | | | | 213 | 213 213 | 213 213 | 213 213 | 213 213 |
| | | | | | TOTAL | | 1,905,438 | 1,905,438 1,729,057 | 1,905,438 1,729,057 176,381 | 1,905,438 1,729,057 176,381 0.325 | 1,905,438 1,729,057 176,381 0.325 57,408 |

Species: YELLOWTAIL FLOUNDER (Limanda ferruginea)

| :le | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | CV | SE | P: |
|-----|--------------------------------|----------------|------------------|--------|---------------|---------|---------|-----------|-------|--------|----------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | 52 | - |
| 2 | Longline, Bottom | OPEN | all | NE NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | <u> </u> |
| 4 | Hand Line | OPEN | all | NE NE | all | 0 | 0 | 0 | | | <u> </u> |
| | | | | | | | | | 0.500 | 9.5 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 42 | 0 | 42 | 0.589 | 25 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 218 | 168 | 50 | 0.852 | 42 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 2,667 | 2,049 | 618 | 0.897 | 554 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 601,726 | 526,776 | 74,950 | 0.287 | 21,532 | |
| 10 | Otter Trawl, LgMesh Belly Pane | el OPEN | all | NE | sm | 24,880 | 0 | 24,880 | 0.425 | 10,575 | |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | |
| 19 | Otter Trawl, Haddock Separator | r OPEN | all | NE | lg | 122 | 111 | 11 | 0.971 | 11 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 1,452 | 1,452 | | | | |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | T |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | T |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | L |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 12,957 | 12,890 | 67 | 1.503 | 101 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 46 | 36 | 10 | 0.918 | 9 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | H |

| Flee Row | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|-------------|-------------------------------|--------|----------|--------|-------|---------|---------|-----------|-------|--------|-------|
| | | Area | Category | _ | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 640 | 0 | 640 | 0.307 | 196 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | 0 | | | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 46,963 | 0 | 46,963 | 0.231 | 10,863 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 17,675 | 0 | 17,675 | 0.293 | 5,184 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 57 | 0 | 57 | 0.499 | 28 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 12,224 | 0 | 12,224 | 0.204 | 2,497 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 5 | 5 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 0 | 0 | | | | |
| | | | | | TOTAL | 721,674 | 543,487 | 178,187 | 0.151 | 26,961 | |

Species: OFFSHORE HAKE (Merluccius albidus)

| Fle Row | et Gear Type | Access Area | Trip | Region | Mesh | Total | Want | Discarded | CV | SE | P |
|------------|--------------------------------|----------------|----------|--------|-------|--------|--------|-----------|-------|-------|---|
| | | | Category | | Group | | Kept | | CV | SE | P |
| 1 | Longline, Bottom | OPEN | all | MA | all | 28 | 28 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 59,794 | 58,698 | 1,096 | 0.819 | 898 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 1,163 | 1,163 | 0 | | | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 8,596 | 1,242 | 7,354 | 0.525 | 3,859 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 6,118 | 6,118 | 0 | | | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 100 | 100 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | L |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 602 | 0 | 602 | 1.009 | 607 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 85 | 85 | | | | |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | ı |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 40 | 40 | | | | |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | r |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 9 | 9 | 0 | | | T |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 1,005 | 1,005 | 0 | | | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 0 | 0 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | t |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | H |

| lee | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|-----------------|-------------------------------|--------|----------|--------|-------|--------|----|--------|--------------|---|--------------------------|
| | | Area | Category | | Group | Tota | 1 | 1 Kept | | 1 | |
| Dredge, Scallop | | AA | GEN | NE | all | | 52 | | | | |
| | edge, Scallop | AA | LIM | MA | all | | 0 | | | | |
| | dge, Scallop | AA | LIM | NE | all | | 0 | | | | |
| | dge, Scallop | OPEN | GEN | MA | all | | 0 | | | | |
| Dredge, | Scallop | OPEN | GEN | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| Dredo | ge, Scallop | OPEN | LIM | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| Dredge | e, Scallop | OPEN | LIM | NE | all | | 52 | 52 0 | 52 0 52 | 52 0 52 0.517 | 52 0 52 0.517 27 |
| Tra | awl, Midwater | all | all | NE | sm | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| Pot | s and Traps, Fish | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| Po | ots and Traps, Fish | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| F | Pots and Traps, Conch | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| F | Pots and Traps, Conch | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 |
| J | Pots and Traps, Lobster | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Pots and Traps, Lobster | OPEN | all | NE | all | 0 |) | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Crab | OPEN | all | MA | all | 0 |) | 0 | 0 | 0 | 0 |
| | Pots and Traps, Crab | OPEN | all | NE | all | | 7 | 7 0 | 7 0 7 | 7 0 7 0.958 | 7 0 7 0.958 7 |
| | Dredge, Other | OPEN | all | MA | all | 0 | _ | 0 | 0 | _ 0 | 0 |
| | Dredge, Other | OPEN | all | NE | all | 0 | | 0 | 0 | 0 | 0 |
| 7 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | - | 0 | 0 0 | 0 0 | 0 0 |
| | Confidential fleets | | | | | 0 | | 0 | 0 | 0 | 0 |
| | Other minor fleets | | | | | 0 | | 0 | 0 | 0 | 0 |
| | | | | | TOTAL | 77,652 | | 68,488 | 68,488 9,164 | 68,488 9,164 0.437 | 68,488 9,164 0.437 4,009 |

Table 5B. Total catch (live lb), Vessel Trip Report landings (kept; live lb), estimated discards (live lb), associated coefficient of variation (CV), and standard error of the estimated discards (SE; live lb) for 26 individual species that compose the 14 species groups, by fleet, based on July 2022 through June 2023 data. Dark shading indicates fleets not considered or with no observed trips in the annual analysis. These CVs were not used in the annual sample size analysis. Blank CV indicates either no discards estimated or discards equal 0. See Table 1A for fleet stratification abbreviations; "P" indicates fleets with "pilot" designation.

Species: RED HAKE (Urophycis chuss)

| | et Coop Time | 2000- | Mari e | Dogi o- | Me - | | | | | | |
|----|--------------------------------|----------------|------------------|---------|---------------|---|-----------|-------------------|---------------------------|---------------------------------|---|
| w | Gear Type | Access Area | Trip Category | Region | Mesh Group | | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
| | Longline, Bottom | OPEN | all | MA | all | | 64 | 64 0 | 64 0 64 | 64 0 64 1.336 | 64 0 64 1.336 85 |
| 2 | Longline, Bottom | OPEN | all | NE | all | | 75 | 75 65 | 75 65 10 | 75 65 10 0.955 | 75 65 10 0.955 10 |
| 3 | Hand Line | OPEN | all | MA | all | | 696 | 696 696 | 696 696 0 | 696 696 0 | 696 696 0 |
| 4 | Hand Line | OPEN | all | NE | all | | 10 | 10 10 | 10 10 0 | 10 10 0 | 10 10 0 |
| 5 | Otter Trawl | OPEN | all | MA | sm | | 97,032 | 97,032 45,672 | 97,032 45,672 51,360 | 97,032 45,672 51,360 0.538 | 97,032 45,672 51,360 0.538 27,657 |
| 5 | Otter Trawl | OPEN | all | MA | lg | | 20,618 | 20,618 14,936 | 20,618 14,936 5,682 | 20,618 14,936 5,682 1.293 | 20,618 14,936 5,682 1.293 7,348 |
| 7 | Otter Trawl | OPEN | all | NE | sm | | 1,191,704 | 1,191,704 198,974 | 1,191,704 198,974 992,730 | 1,191,704 198,974 992,730 0.352 | 1,191,704 198,974 992,730 0.352 349,841 |
| | Otter Trawl | OPEN | all | NE | lg | | 497,182 | 497,182 36,780 | 497,182 36,780 460,402 | 497,182 36,780 460,402 0.299 | 497,182 36,780 460,402 0.299 137,736 |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | | 139,242 | 139,242 17,515 | 139,242 17,515 121,727 | 139,242 17,515 121,727 0.381 | 139,242 17,515 121,727 0.381 46,339 |
| 3 | Otter Trawl, Twin | OPEN | all | MA | sm | | 441 | 441 441 | 441 441 0 | 441 441 0 | 441 441 0 |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | | 70 | 70 70 | 70 70 0 | 70 70 0 | 70 70 0 |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | | 4 | 4 0 | 4 0 4 | 4 0 4 1.153 | 4 0 4 1.153 5 |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | | 40 | 40 40 | 40 40 | 40 40 | 40 40 |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | | 7,735 | 7,735 862 | 7,735 862 6,873 | 7,735 862 6,873 0.397 | 7,735 862 6,873 0.397 2,730 |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | | 836 | 836 836 | 836 836 | 836 836 | 836 836 |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | | 315 | 315 315 | 315 315 | 315 315 | 315 315 |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | ١ | 2,129 | 2,129 2,129 | 2,129 2,129 | 2,129 2,129 | 2,129 2,129 |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | | 40 | 40 40 | 40 40 | 40 40 | 40 40 |
| 27 | Floating Trap | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | | 1,029 | 1,029 408 | 1,029 408 621 | 1,029 408 621 0.552 | 1,029 408 621 0.552 343 |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 34 | Purse Seine | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 35 | Purse Seine | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 36 | Dredge, Scallop | AA | GEN | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |

| Flee Row | t Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Ī |
|-------------|-------------------------------|----------------|------------------|--------|---------------|-----------|---------|-----------|-------|---------|---|
| 37 | Dredge, Scallop | AA | GEN | NE | all | 21,127 | 0 | 21,127 | 0.134 | 2,823 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 7,888 | 0 | 7,888 | 0.000 | 0 | + |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 144,434 | 0 | 144,434 | 0.165 | 23,767 | Ŧ |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 992 | 0 | 992 | 0.591 | 586 | Ť |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 4,773 | 0 | 4,773 | 0.545 | 2,599 | Ť |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 16 | 0 | 16 | 2.378 | 37 | Ť |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 292,892 | 20 | 292,872 | 0.191 | 55,867 | Ť |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | Ť |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 602 | 602 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | Ī |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 5 | 5 | 0 | | | Ī |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | Ī |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 15,983 | 8,548 | 7,435 | 1.595 | 11,861 | Ī |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 395,395 | 2,144 | 393,251 | 0.727 | 286,087 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 127 | 0 | 127 | 0.680 | 86 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 958 | 0 | 958 | 0.959 | 919 | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 134 | 134 | | | | |
| | | | | | TOTAL | 2,844,588 | 331,242 | 2,513,346 | 0.191 | 479,606 | |

Species: SILVER HAKE (Merluccius bilinearis)

| Flee | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------|--------------------------------|--------|----------|--------|-------|-----------|-----------|-----------|-------|-----------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 258 | 258 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 51 | 0 | 51 | 7.204 | 370 | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 127 | 127 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 1,452,543 | 1,383,226 | 69,317 | 0.282 | 19,533 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 84,127 | 41,196 | 42,931 | 0.538 | 23,099 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 6,022,576 | 4,081,444 | 1,941,132 | 0.568 | 1,101,927 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 1,186,631 | 494,132 | 692,499 | 0.127 | 87,661 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 2,925,958 | 2,830,300 | 95,658 | 0.241 | 23,059 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 1,646 | 1,436 | 210 | 0.442 | 93 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 215 | 215 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 14,684 | 2,805 | 11,879 | 0.264 | 3,142 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 3,480 | 3,480 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 29,811 | 4,875 | 24,936 | 0.440 | 10,978 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 24,337 | 24,337 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 1,428 | 1,428 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 326,537 | 326,537 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 249 | 249 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 172 | 172 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 27,213 | 22,388 | 4,825 | 0.399 | 1,925 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 3,818 | 2,424 | 1,394 | 0.484 | 674 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee Row | t Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | CV | SE | |
|-------------|-------------------------------|----------------|------------------|--------|---------------|------------|-----------|-----------|-------|-----------|--|
| 37 | Dredge, Scallop | AA | GEN | NE | all | 1,422 | 0 | 1,422 | 0.279 | 397 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 4,209 | 0 | 4,209 | 0.000 | 0 | |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 14,925 | 70 | 14,855 | 0.287 | 4,263 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 592 | 0 | 592 | 0.495 | 293 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 1,825 | 0 | 1,825 | 0.399 | 729 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 18 | 18 | 0 | | | |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 51,857 | 35 | 51,822 | 0.187 | 9,690 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 1,826 | 1,825 | 1 | 0.420 | < 1 | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 435 | 435 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 191 | 0 | 191 | 0.680 | 130 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 211 | 211 | | | | |
| | Other minor fleets | | | | | 114,662 | 114,662 | | | | |
| | | | | | TOTAL | 12,298,034 | 9,338,285 | 2,959,749 | 0.374 | 1,106,175 | |

Species: ATLANTIC CHUB MACKEREL (Scomber colias)

| Flee | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------|--------------------------------|--------|----------|--------|-------|--------|-------|-----------|-------|--------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 561 | 561 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 60 | 60 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 87,478 | 1,558 | 85,920 | 0.920 | 79,087 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 71 | 71 | 0 | | | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 35,076 | 6,875 | 28,201 | 0.858 | 24,190 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 10 | Otter Trawl, LgMesh Belly Pane | 1 OPEN | all | NE | sm | 0 | 0 | 0 | | | Р |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 42 | 0 | 42 | 1.754 | 74 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 9 | 0 | 9 | 1.153 | 10 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | Р |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 5 | 5 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 210 | 210 | | | | Р |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 206 | 206 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 41 | 11 | 30 | 1.055 | 32 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 2 | 2 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 243 | 150 | 93 | 1.045 | 97 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 200 | 200 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | Р |

| Flee | | | | | | | | | | | |
|------|-------------------------------|----------------|------------------|--------|---------------|---------|-------|-----------|-------|--------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 0 | 0 | 0 | | | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | 0 | | | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 0 | 0 | 0 | | | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 0 | 0 | 0 | | | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 0 | 0 | 0 | | | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 0 | 0 | 0 | | | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 0 | 0 | | | | |
| | | | | | TOTAL | 124,204 | 9,909 | 114,295 | 0.724 | 82,703 | |

Species: ATLANTIC MACKEREL (Scomber scombrus)

| Fle | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|-----|--------------------------------|--------|----------|--------|-------|-----------|-----------|-----------|-------|--------|-------|
| | | Area | Category | | Group | Total | Kept | Discarded | cv | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 296 | 296 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 1,272,520 | 1,259,886 | 12,634 | 0.397 | 5,014 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 52,950 | 31,595 | 21,355 | 0.444 | 9,478 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 979 | 951 | 28 | 0.662 | 19 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 1,357,681 | 1,238,845 | 118,836 | 0.536 | 63,641 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 106,410 | 11,500 | 94,910 | 0.739 | 70,096 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 34,839 | 34,008 | 831 | 0.398 | 330 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 2,355 | 515 | 1,840 | 0.951 | 1,751 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 10 | 10 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 72,462 | 0 | 72,462 | 0.639 | 46,318 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 6,400 | 6,400 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 9 | 0 | 9 | 0.945 | 9 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 408 | 408 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 17 | 17 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 69,498 | 69,498 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 11 | 11 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 272 | 40 | 232 | 1.283 | 297 | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 276 | 96 | 180 | 0.782 | 141 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 3,913 | 2,490 | 1,423 | 0.605 | 860 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 1,185 | 73 | 1,112 | 0.710 | 790 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | Р |
| 35 | Purse Seine | OPEN | all | NE | all | 47 | 40 | 7 | 0.664 | 5 | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------|-------------------------------|--------|----------|--------|-------|-----------|-----------|-----------|-------|---------|-------|
| ROW | Gear Type | Area | Category | | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 0 | 0 | 0 | | | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | 0 | | | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 0 | 0 | 0 | | | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 16 | 0 | 16 | 1.326 | 22 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 0 | 0 | 0 | | | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 76 | 0 | 76 | 0.639 | 49 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 6,343,541 | 6,343,133 | 408 | 2.517 | 1,027 | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 1 | 1 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 100,370 | 100,370 | | | | |
| | | | | | TOTAL | 9,426,543 | 9,100,183 | 326,360 | 0.325 | 105,970 | |

Species: BUTTERFISH (Peprilus triacanthus)

| 96 | et | | | | | | | | | | |
|----|--------------------------------|----------------|------------------|--------|---------------|---|-----------|---------------------|-------------------------------|-------------------------------------|---|
| w | Gear Type | Access Area | Trip Category | Region | Mesh Group | | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
| | Longline, Bottom | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 2 | Longline, Bottom | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 3 | Hand Line | OPEN | all | MA | all | | 7 | 7 7 | 7 7 0 | 7 7 0 | 7 7 0 |
| 4 | Hand Line | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 5 | Otter Trawl | OPEN | all | MA | sm | | 1,844,206 | 1,844,206 269,112 | 1,844,206 269,112 1,575,094 | 1,844,206 269,112 1,575,094 0.410 | 1,844,206 269,112 1,575,094 0.410 645,880 |
| 6 | Otter Trawl | OPEN | all | MA | lg | | 78,086 | 78,086 35,428 | 78,086 35,428 42,658 | 78,086 35,428 42,658 0.641 | 78,086 35,428 42,658 0.641 27,328 |
| 7 | Otter Trawl | OPEN | all | NE | sm | | 9,467,617 | 9,467,617 2,941,355 | 9,467,617 2,941,355 6,526,262 | 9,467,617 2,941,355 6,526,262 0.218 | 9,467,617 2,941,355 6,526,262 0.218 1,424,024 |
| 3 | Otter Trawl | OPEN | all | NE | lg | | 73,038 | 73,038 56,374 | 73,038 56,374 16,664 | 73,038 56,374 16,664 0.340 | 73,038 56,374 16,664 0.340 5,665 |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | | 96,636 | 96,636 42,409 | 96,636 42,409 54,227 | 96,636 42,409 54,227 0.348 | 96,636 42,409 54,227 0.348 18,872 |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | | 315,059 | 315,059 25,778 | 315,059 25,778 289,281 | 315,059 25,778 289,281 0.413 | 315,059 25,778 289,281 0.413 119,330 |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | | 640 | 640 640 | 640 640 0 | 640 640 0 | 640 640 0 |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | | 200,974 | 200,974 3,615 | 200,974 3,615 197,359 | 200,974 3,615 197,359 0.582 | 200,974 3,615 197,359 0.582 114,859 |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | | 177,340 | 177,340 177,340 | 177,340 177,340 | 177,340 177,340 | 177,340 177,340 |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | | 7 | 7 0 | 7 0 7 | 7 0 7 0.737 | 7 0 7 0.737 5 |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | | 545 | 545 545 | 545 545 | 545 545 | 545 545 |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | | 12,055 | 12,055 12,055 | 12,055 12,055 | 12,055 12,055 | 12,055 12,055 |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | | 3,083 | 3,083 3,083 | 3,083 3,083 | 3,083 3,083 | 3,083 3,083 |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | | 328,794 | 328,794 328,794 | 328,794 328,794 | 328,794 328,794 | 328,794 328,794 |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | | 230 | 230 230 | 230 230 | 230 230 | 230 230 |
| 27 | Floating Trap | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | İ | 7,858 | 7,858 7,858 | 7,858 7,858 0 | 7,858 7,858 0 | 7,858 7,858 0 |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | | 13 | 13 13 | 13 13 0 | 13 13 0 | 13 13 0 |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | | 67 | 67 38 | 67 38 29 | 67 38 29 0.668 | 67 38 29 0.668 20 |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | l | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 34 | Purse Seine | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 35 | Purse Seine | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 36 | Dredge, Scallop | AA | GEN | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |

| | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|----|-------------------------------|--------|----------|--------|-------|---|------------|----------------------|--------------------------------|--------------------------------------|--|
| | | Area | Category | | Group | | Total | | * | • | |
| 7 | Dredge, Scallop | AA | GEN | NE | all | | 3 | 3 0 | 3 0 3 | 3 0 3 0.719 | 3 0 3 0.719 2 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | | 24 | 24 0 | 24 0 24 | 24 0 24 0.000 | 24 0 24 0.000 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | | 21 | 21 0 | 21 0 21 | 21 0 21 0.394 | 21 0 21 0.394 8 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | | 5 | 5 0 | 5 0 5 | 5 0 5 1.127 | 5 0 5 1.127 5 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | | 62 | 62 0 | 62 0 62 | 62 0 62 1.252 | 62 0 62 1.252 77 |
| 12 | Dredge, Scallop | OPEN | LIM | MA | all | | 39 | 39 0 | 39 0 39 | 39 0.975 | 39 0 39 0.975 38 |
| 3 | Dredge, Scallop | OPEN | LIM | NE | all | | 576 | 576 0 | 576 0 576 | 576 0 576 0.361 | 576 0 576 0.361 208 |
| 14 | Trawl, Midwater | all | all | NE | sm | | 850 | 850 850 | 850 850 < 1 | 850 850 < 1 0.420 | 850 850 < 1 0.420 < 1 |
| 15 | Pots and Traps, Fish | OPEN | all | MA | all | | 26 | 26 26 | 26 26 0 | 26 26 0 | 26 26 0 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 17 | Pots and Traps, Conch | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 8 | Pots and Traps, Conch | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 0 | Pots and Traps, Lobster | OPEN | all | MA | all | ١ | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 55 | Dredge, Other | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 56 | Dredge, Other | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Confidential fleets | | | | | | 35 | 35 35 | 35 35 | 35 35 | 35 35 |
| | Other minor fleets | | | | | | 10,361 | 10,361 10,361 | 10,361 10,361 | 10,361 10,361 | 10,361 10,361 |
| | | | | | TOTAL | | 12,618,259 | 12,618,259 3,915,946 | 12,618,259 3,915,946 8,702,313 | 12,618,259 3,915,946 8,702,313 0.181 | 12,618,259 3,915,946 8,702,313 0.181 1,572,760 |

Species: LONGFIN INSHORE SQUID (Doryteuthis [Amerigo] pealeii)

| | et Gear Type | Access | Trip | Region | Mesh | , | | , | | | , |
|----|---------------------------------|--------|----------|--------|-------|---|------------|-----------------------|-------------------------------|-------------------------------------|---|
| .• | 1Fc | Area | Category | | Group | | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
| | Longline, Bottom | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Longline, Bottom | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Hand Line | OPEN | all | MA | all | | 140 | 140 140 | 140 140 0 | 140 140 0 | 140 140 0 |
| | Hand Line | OPEN | all | NE | all | | 981 | 981 981 | 981 981 0 | 981 981 0 | 981 981 0 |
| | Otter Trawl | OPEN | all | MA | sm | L | 7,710,624 | 7,710,624 7,501,140 | 7,710,624 7,501,140 209,484 | 7,710,624 7,501,140 209,484 0.314 | 7,710,624 7,501,140 209,484 0.314 65,703 |
| | Otter Trawl | OPEN | all | MA | lg | | 409,601 | 409,601 354,402 | 409,601 354,402 55,199 | 409,601 354,402 55,199 0.665 | 409,601 354,402 55,199 0.665 36,722 |
| | Otter Trawl | OPEN | all | NE | sm | | 19,471,369 | 19,471,369 19,035,557 | 19,471,369 19,035,557 435,812 | 19,471,369 19,035,557 435,812 0.291 | 19,471,369 19,035,557 435,812 0.291 126,617 |
| | Otter Trawl | OPEN | all | NE | lg | | 482,249 | 482,249 475,264 | 482,249 475,264 6,985 | 482,249 475,264 6,985 0.378 | 482,249 475,264 6,985 0.378 2,637 |
| | Otter Trawl, LgMesh Belly Panel | l OPEN | all | NE | sm | | 33,831 | 33,831 32,353 | 33,831 32,353 1,478 | 33,831 32,353 1,478 0.050 | 33,831 32,353 1,478 0.050 74 |
| | Otter Trawl, Twin | OPEN | all | MA | sm | | 749,824 | 749,824 742,184 | 749,824 742,184 7,640 | 749,824 742,184 7,640 0.920 | 749,824 742,184 7,640 0.920 7,030 |
| | Otter Trawl, Twin | OPEN | all | MA | lg | | 1,620 | 1,620 1,620 | 1,620 1,620 0 | 1,620 1,620 0 | 1,620 1,620 0 |
| | Otter Trawl, Twin | OPEN | all | NE | sm | | 1,737,734 | 1,737,734 1,686,250 | 1,737,734 1,686,250 51,484 | 1,737,734 1,686,250 51,484 0.967 | 1,737,734 1,686,250 51,484 0.967 49,779 |
| | Otter Trawl, Ruhle | OPEN | all | NE | sm | | 224,275 | 224,275 224,275 | 224,275 224,275 | 224,275 224,275 | 224,275 224,275 |
| | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | | 249 | 249 80 | 249 80 169 | 249 80 169 1.146 | 249 80 169 1.146 193 |
| | Otter Trawl, Shrimp | OPEN | all | MA | sm | ĺ | 652 | 652 652 | 652 652 | 652 652 | 652 652 |
| | Otter Trawl, Other | OPEN | all | MA | sm | Ì | 1,027,627 | 1,027,627 1,027,627 | 1,027,627 1,027,627 | 1,027,627 1,027,627 | 1,027,627 1,027,627 |
| | Otter Trawl, Other | OPEN | all | MA | lg | | 32,403 | 32,403 32,403 | 32,403 32,403 | 32,403 32,403 | 32,403 32,403 |
| | Otter Trawl, Other | OPEN | all | NE | sm | | 807,297 | 807,297 807,297 | 807,297 807,297 | 807,297 807,297 | 807,297 807,297 |
| | Otter Trawl, Other | OPEN | all | NE | lg | | 1,045 | 1,045 | 1,045 1,045 | 1,045 1,045 | 1,045 1,045 |
| | Floating Trap | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | l | 20 | 20 20 | 20 20 0 | 20 20 0 | 20 20 0 |
| | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | Ī | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | l | 20 | 20 20 | 20 20 0 | 20 20 0 | 20 20 0 |
| | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | ŀ | 42 | 42 0 | 42 0 42 | 42 0 42 0.851 | 42 0 42 0.851 36 |
| | Purse Seine | OPEN | all | MA | all | l | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| | Purse Seine | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Dredge, Scallop | AA | GEN | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |

| .ee | t Gear Type | Access | Trip | Region | Mesh | | | | | | |
|-----|-------------------------------|--------|----------|--------|-------|------------|-------|------------|--------------------|--------------------------|----------------------------------|
| | | Area | Category | | Group | | Total | | | | ** |
| | dge, Scallop | AA | GEN | NE | all | | 21 | | · | | |
| | lge, Scallop | AA | LIM | MA | all | | 53 | | | | |
| | Dredge, Scallop | AA | LIM | NE | all | | 700 | | | | |
| - | Dredge, Scallop | OPEN | GEN | MA | all | | 36 | | | | |
| _ | Dredge, Scallop | OPEN | GEN | NE | all | 59 | 7 | 7 0 | 7 0 597 | 7 0 597 0.574 | 7 0 597 0.574 342 |
| | Dredge, Scallop | OPEN | LIM | MA | all | 62 | _ | | | | |
| | Dredge, Scallop | OPEN | LIM | NE | all | 3,061 | | 7 | 7 3,054 | 7 3,054 0.216 | 7 3,054 0.216 659 |
| | Trawl, Midwater | all | all | NE | sm | 2,550 | | 2,550 | 2,550 0 | 2,550 0 | 2,550 0 |
| | Pots and Traps, Fish | OPEN | all | MA | all | 198 | | 0 | 0 198 | 0 198 0.722 | 0 198 0.722 143 |
| | Pots and Traps, Fish | OPEN | all | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Conch | OPEN | all | MA | all | (|) | 0 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Conch | OPEN | all | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Pots and Traps, Crab | OPEN | all | MA | all | 0 | | 0 | 0 | 0 | 0 |
| } | Pots and Traps, Crab | OPEN | all | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| 5 | Dredge, Other | OPEN | all | MA | all | 0 | | 0 | 0 | 0 | 0 |
| 6 | Dredge, Other | OPEN | all | NE | all | 0 | | 0 | 0 | 0 | 0 |
| 7 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| 8 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | | 0 | 0 0 | 0 0 | 0 0 |
| | Confidential fleets | | | | | 134 | | 134 | 134 | 134 | 134 |
| | Other minor fleets | | | | | 64,210 | | 64,210 | 64,210 | 64,210 | 64,210 |
| | | | | | TOTAL | 32,764,691 | | 31,990,249 | 31,990,249 774,442 | 31,990,249 774,442 0.201 | 31,990,249 774,442 0.201 155,670 |

Species: NORTHERN SHORTFIN SQUID (Illex illecebrosus)

| Fle | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|-----|--------------------------------|--------|----------|--------|-------|-----------|-----------|-----------|-------|---------|-------|
| ROW | Gear Type | Area | Category | | Group | Total | Kept | Discarded | CV | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 5,957,860 | 5,531,910 | 425,950 | 0.387 | 164,966 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 1,862 | 1,851 | 11 | 0.571 | 6 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 5,642,670 | 5,276,497 | 366,173 | 0.361 | 132,360 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 9,952 | 957 | 8,995 | 1.091 | 9,813 | |
| 10 | Otter Trawl, LgMesh Belly Pane | 1 OPEN | all | NE | sm | 6,827 | 0 | 6,827 | 0.401 | 2,737 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 1 | 0 | 1 | 0.869 | 1 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 299,271 | 0 | 299,271 | 0.172 | 51,431 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 547,000 | 547,000 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 37 | 0 | 37 | 0.358 | 13 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 0 | 0 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 84,125 | 84,125 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 0 | 0 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| | t Gear Type | Access | Trip | Region | Мо | sch | ngh . | ach. | neh . | neh . | nah . |
|----|-------------------------------|--------|----------|--------|---------------|-----|------------|-----------------------|---------------------------------|---------------------------------------|---|
| ' | Gear 13be | Area | Category | | Mesh Group | | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
| 7 | Dredge, Scallop | AA | GEN | NE | all | | 45 | 45 0 | 45 0 45 | 45 0.508 | 45 0 45 0.508 23 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | | 764 | 764 0 | 764 0 764 | 764 0 764 0.608 | 764 0 764 0.608 465 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | | 44 | 44 0 | 44 0 44 | 44 0.896 | 44 0 44 0.896 39 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | | 155 | 155 0 | 155 0 155 | 155 0.634 | 155 0 155 0.634 98 |
| 12 | Dredge, Scallop | OPEN | LIM | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| | Dredge, Scallop | OPEN | LIM | NE | all | | 373 | 373 0 | 373 0 373 | 373 0 373 0.554 | 373 0 373 0.554 207 |
| 4 | Trawl, Midwater | all | all | NE | sm | | 140,000 | 140,000 140,000 | 140,000 140,000 0 | 140,000 140,000 0 | 140,000 140,000 0 |
| 5 | Pots and Traps, Fish | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 7 | Pots and Traps, Conch | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 0 | Pots and Traps, Lobster | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | | 1 | 1 0 | 1 0 1 | 1 0 1 1.323 | 1 0 1 1.323 2 |
| 55 | Dredge, Other | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 56 | Dredge, Other | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Confidential fleets | | | | | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| | Other minor fleets | | | | | | 224,000 | 224,000 224,000 | 224,000 224,000 | 224,000 224,000 | 224,000 224,000 |
| | | | | | TOTAL | | 12,914,988 | 12,914,988 11,806,340 | 12,914,988 11,806,340 1,108,648 | 12,914,988 11,806,340 1,108,648 0.197 | 12,914,988 11,806,340 1,108,648 0.197 217,904 |

Species: BLUELINE TILEFISH (Caulolatilus microps)

| Fle | et Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|-----|--------------------------------|----------------|------------------|--------|---------------|--------|--------|-----------|-------|-------|-------|
| 1 | Longline, Bottom | OPEN | all | MA | all | 56,118 | 56,118 | 0 | | | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 20,923 | 20,923 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 2,248 | 930 | 1,318 | 0.522 | 688 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 1,416 | 1,271 | 145 | 0.575 | 83 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 7,326 | 2,484 | 4,842 | 0.330 | 1,599 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 8 | 8 | 0 | | | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 0 | 0 | 0 | | | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 431 | 431 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 1,553 | 1,164 | 389 | 0.562 | 218 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 69 | 69 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 30 | 30 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 0 | 0 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 0 | 0 | 0 | | | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | P |

| Flee | | | | | | | | | | | |
|------|-------------------------------|----------------|------------------|--------|---------------|--------|--------|-----------|-------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 0 | 0 | 0 | | | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 0 | 0 | 0 | | | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 0 | 0 | 0 | | | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | | | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 0 | 0 | 0 | | | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 0 | 0 | 0 | | | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 0 | 0 | 0 | | | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | | | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 504 | 504 | 0 | | | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 463 | 463 | 0 | | | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 55 | Dredge, Other | OPEN | all | MA | all | 0 | 0 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 0 | 0 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | | | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| | Confidential fleets | | | | | 0 | 0 | | | | |
| | Other minor fleets | | | | | 2,443 | 2,443 | | | | |
| | | | | | TOTAL | 93,531 | 86,838 | 6,693 | 0.262 | 1,756 | |

Table 5B. Total catch (live lb), Vessel Trip Report landings (kept; live lb), estimated discards (live lb), associated coefficient of variation (CV), and standard error of the estimated discards (SE; live lb) for 26 individual species that compose the 14 species groups, by fleet, based on July 2022 through June 2023 data. Dark shading indicates fleets not considered or with no observed trips in the annual analysis. These CVs were not used in the annual sample size analysis. Blank CV indicates either no discards estimated or discards equal 0. See Table 1A for fleet stratification abbreviations; "P" indicates fleets with "pilot" designation.

Species: GOLDEN TILEFISH (Lopholatilus chamaeleonticeps)

| Fle Row | et Gear Type | Access | Trip | Region | Mesh | | | | | | |
|------------|--------------------------------|---------|----------|--------|-------|-----------|-----------|-----------|-------|-------|-----|
| | | Area | Category | | Group | Total | Kept | Discarded | CA | SE | Pil |
| 1 | Longline, Bottom | OPEN | all | MA | all | 1,284,891 | 1,284,447 | 444 | 1.047 | 464 | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 3 | Hand Line | OPEN | all | MA | all | 2,988 | 2,988 | 0 | | | |
| 4 | Hand Line | OPEN | all | NE | all | 1,470 | 1,470 | 0 | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 4,559 | 2,861 | 1,698 | 0.671 | 1,139 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 10,800 | 1,409 | 9,391 | 0.639 | 6,002 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 26,757 | 8,708 | 18,049 | 0.477 | 8,602 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 794 | 523 | 271 | 0.733 | 199 | |
| 10 | Otter Trawl, LgMesh Belly Pane | el OPEN | all | NE | sm | 0 | 0 | 0 | | | |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 51 | 51 | 0 | | | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 212 | 45 | 167 | 0.637 | 107 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 120 | 120 | | | | |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 0 | 0 | | | | |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 17 | 17 | | | | |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 145 | 145 | | | | |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 147 | 147 | | | | |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 0 | 0 | | | | |
| 27 | Floating Trap | OPEN | all | NE | all | 0 | 0 | | | | |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | | | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | | | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | | | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 3 | 3 | | | | |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 0 | 0 | 0 | | | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 4,416 | 1,006 | 3,410 | 0.572 | 1,951 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | | | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 0 | 0 | | | | |

| ee | et Gear Type | Access | Trip | Region | W- | ~h | -h | -1 | ah l | a. | at |
|----|-------------------------------|--------|----------|--------|---------------|----|-----------|---------------------|----------------------------|----------------------------------|---|
| • | Gear Type | Area | Category | | Mesh Group | | Total | Total Kept | Total Kept Discarded | Total Kept Discarded CV | Total Kept Discarded CV SE |
| 7 | Dredge, Scallop | AA | GEN | NE | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 38 | Dredge, Scallop | AA | LIM | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | ĺ | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | | 4 | 4 0 | 4 0 4 | 4 0.970 | 4 0 4 0.970 3 |
| 44 | Trawl, Midwater | all | all | NE | sm | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | | 379 | 379 379 | 379 379 0 | 379 379 0 | 379 0 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | | 877 | 877 877 | 877 877 0 | 877 877 0 | 877 877 0 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 0 | 0 0 0 |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 55 | Dredge, Other | OPEN | all | MA | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 56 | Dredge, Other | OPEN | all | NE | all | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | | 0 | 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| | Confidential fleets | | | | | | 0 | 0 0 | 0 0 | 0 0 | 0 0 |
| | Other minor fleets | | | | | | 1,660 | 1,660 1,660 | 1,660 1,660 | 1,660 1,660 | 1,660 1,660 |
| | | | | | TOTAL | | 1,340,290 | 1,340,290 1,306,856 | 1,340,290 1,306,856 33,434 | 1,340,290 1,306,856 33,434 0.321 | 1,340,290 1,306,856 33,434 0.321 10,742 |

Table 5C. Total catch (live lb), Vessel Trip Report landings (kept; live lb), estimated discards (live lb), associated coefficient of variation (CV), and standard error (SE) of the estimated discards (live lb) for 14 Standardized Bycatch Reporting Methodology (SBRM) species groups combined, by fleet, based on July 2022 through June 2023 data. Dark shading indicates fleets not considered or with no observed trips in the annual analysis. These CV were not used in the annual sample size analysis. Blank CV indicates either no discards or discards equal 0. See Table 1A for fleet stratification abbreviations; "P" indicates fleets with "pilot" designation.

Species: 14 SBRM SPECIES GROUPS COMBINED

| Flee | at. | | | | | | | | | | |
|------|--------------------------------|----------------|------------------|--------|---------------|------------|------------|------------|-------|-----------|-------|
| Row | | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 1,487,181 | 1,438,992 | 48,189 | 0.831 | 40,066 | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 1,461,834 | 1,385,424 | 76,410 | 1.139 | 87,048 | |
| 3 | Hand Line | OPEN | all | MA | all | 271,776 | 226,924 | 44,852 | 0.619 | 27,770 | |
| 4 | Hand Line | OPEN | all | NE | all | 1,383,895 | 1,366,456 | 17,439 | 0.516 | 8,992 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 34,071,721 | 21,394,731 | 12,676,990 | 0.111 | 1,405,719 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 26,456,874 | 13,262,373 | 13,194,501 | 0.153 | 2,018,755 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 58,980,380 | 38,719,791 | 20,260,589 | 0.120 | 2,429,978 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 61,108,380 | 45,148,721 | 15,959,659 | 0.105 | 1,667,956 | |
| 10 | Otter Trawl, LgMesh Belly Pane | l OPEN | all | NE | sm | 3,500,511 | 3,056,393 | 444,118 | 0.112 | 49,672 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 1,435,361 | 822,156 | 613,205 | 0.261 | 159,788 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 441,442 | 115,075 | 326,367 | 0.064 | 20,929 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 2,351,747 | 1,696,807 | 654,940 | 0.278 | 182,369 | |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 967,677 | 967,677 | | | | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 2,194,998 | 1,578,424 | 616,573 | 0.176 | 108,469 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 76,073 | 76,073 | | | | P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 1,751,038 | 1,751,038 | | | | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 1,558,389 | 1,558,389 | | | | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 1,698,670 | 1,698,670 | | | | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 323,822 | 323,822 | | | | P |
| 27 | Floating Trap | OPEN | all | NE | all | 14 | 14 | | | | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 3,428,225 | 3,247,661 | 180,563 | 0.957 | 172,806 | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 5,465,234 | 5,261,596 | 203,638 | 0.122 | 24,765 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 1,872,483 | 1,729,292 | 143,191 | 0.385 | 55,132 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 65,172 | 65,172 | | | | P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 5,214,672 | 4,342,894 | 871,778 | 0.407 | 354,624 | |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 14,416,704 | 12,807,058 | 1,609,646 | 0.301 | 485,263 | |
| 34 | Purse Seine | OPEN | all | MA | all | 0 | 0 | | | | P |
| 35 | Purse Seine | OPEN | all | NE | all | 2,015,512 | 2,015,490 | 22 | 0.304 | 7 | |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 14,578 | 14,578 | | | | P |

| Flee Row | t Gear Type | Access Area | Trip Category | Region | Mesh Group | Total | Kept | Discarded | cv | SE | Pilot |
|-------------|-------------------------------|----------------|------------------|--------|---------------|-------------|-------------|-------------|-------|-----------|-------|
| 37 | Dredge, Scallop | AA | GEN | NE | all | 10,958,902 | 9,219,495 | 1,739,407 | 0.108 | 187,760 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 8,765,150 | 8,409,296 | 355,854 | 0.000 | 0 | P |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 90,328,570 | 77,276,028 | 13,052,542 | 0.105 | 1,369,196 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 6,308,849 | 5,138,524 | 1,170,325 | 0.111 | 129,453 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 8,061,623 | 6,883,335 | 1,178,288 | 0.324 | 381,559 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 8,296,101 | 7,924,868 | 371,233 | 0.528 | 196,114 | P |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 144,450,411 | 125,127,212 | 19,323,199 | 0.122 | 2,351,156 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 19,757,818 | 19,754,707 | 3,111 | 0.428 | 1,332 | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 775,949 | 608,862 | 167,087 | 0.175 | 29,314 | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 750,384 | 550,333 | 200,051 | 0.450 | 90,037 | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 1,871 | 1,820 | 51 | 0.859 | 44 | |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 9,156 | 2,323 | 6,833 | 0.515 | 3,518 | |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 208,962 | 167,046 | 41,916 | 0.693 | 29,054 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 793,411 | 65,026 | 728,385 | 0.435 | 316,666 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | | | | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 5,833,700 | 4,631,081 | 1,202,619 | 0.201 | 241,175 | |
| 55 | Dredge, Other | OPEN | all | MA | all | 93,456 | 93,456 | | | | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 264,863 | 264,863 | | | | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 201,989,068 | 198,526,482 | 3,462,586 | 0.583 | 2,017,335 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 164,118,426 | 163,825,804 | 292,621 | 0.309 | 90,550 | |
| | Confidential fleets | | | | | 130,407 | 130,407 | | | | |
| | Other minor fleets | | | | | 1,580,169 | 1,580,169 | | | | |
| | | | | | TOTAL | 907,491,607 | 796,252,827 | 111,238,779 | 0.047 | 5,205,894 | |

Table 6A. The number of trips needed to achieve a 30% coefficient of variation of the discard estimate for each of the 14 fish and invertebrate species groups, the number of pilot trips, the number of minimum pilot trips, and the maximum number of trips needed for each fleet (2024 Trips Needed) for fish and invertebrate species groups based on July 2022 through June 2023 data. Bold red font indicates basis for fleet trips. See Table 1A for fleet stratification abbreviations and Table 1B for species group abbreviations; "P" indicates fleets with "pilot" designation.

| | Fleet | | | | | | | | | | | | | | | | | | | | Min | 2024 | |
|-----|---------------------------------|----------|------|--------|-------|------|------|-----|-------|------|-----|------|-----|-----|-------|-----|-----|------|------|-------|-------|--------|-------|
| | Gear | Access | Trip | Region | Mesh | | | | | | | | | | | | | | | Pilot | Pilot | Trips | |
| Row | Туре | Area | | | Group | BLUE | HERR | SAL | RCRAB | SCAL | SBM | MONK | GFL | GFS | SKATE | DOG | FSB | scoq | TILE | Trips | Trips | Needed | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 12 | 12 | |
| 2 | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 12 | 12 | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 12 | 12 | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 12 | 12 | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 0 | 0 | 0 | 1,417 | 0 | 366 | 322 | 0 | 0 | 154 | 141 | 130 | 0 | 0 | 43 | 12 | 1,417 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 0 | 0 | 0 | 0 | 0 | 0 | 271 | 0 | 0 | 42 | 181 | 44 | 0 | 0 | 53 | 12 | 271 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 0 | 0 | 0 | 0 | 0 | 88 | 214 | 88 | 342 | 147 | 176 | 82 | 0 | 0 | 51 | 12 | 342 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 212 | 68 | 47 | 155 | 187 | 0 | 0 | 85 | 12 | 212 | |
| 9 | Otter Trawl, LgMesh Belly Panel | OPEN | all | MA | lg | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | P |
| 10 | Otter Trawl, LgMesh Belly Panel | OPEN | all | NE | sm | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | P P |
| 11 | Otter Trawl, LgMesh Belly Panel | OPEN | all | NE | lg | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | α | 3 | 3 | 3 | 3 | 3 | 3 | P |
| 12 | Otter Trawl, Scallop | OPEN | GEN | MA | lg | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 12 | 12 | |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | P P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | , |
| 16 | Otter Trawl, Twin | OPEN | all | NE | lg | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | P |
| 17 | Otter Trawl, Ruhle | OPEN | all | MA | lg | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | P |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |) P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 20 | 0 | 0 | 0 | 12 | 12 | 20 | |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | P |
| 21 | Otter Trawl, Shrimp | OPEN | all | NE | lq | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | B P |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | P |
| 23 | Otter Trawl, Other | OPEN | all | MA | lg | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | P |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | P |
| 25 | Otter Trawl, Other | OPEN | all | NE | lg | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | P |
| 26 | Floating Trap | OPEN | all | MA | all | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | P |
| 27 | Floating Trap | OPEN | all | NE | all | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | P |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157 | 0 | 0 | 0 | 27 | 12 | 157 | |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 33 | 12 | 38 | , |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlg | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 9 | 9 | |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | p P |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lq | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 26 | 12 | 93 | , |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlq | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 143 | 0 | 0 | 0 | 0 | 38 | 12 | 143 | , |
| 34 | Purse Seine | OPEN | all | MA | all | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | p P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 9 | 9 | , |
| 36 | Dredge, Scallop | AA | GEN | MA | all | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | B P |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 0 | | 0 | 0 | 0 | 0 | 16 | | 0 | 18 | 0 | | | 0 | 60 | 12 | 18 | |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 12 | | 12 | 12 | 12 | 12 | 12 | | | | 12 | 12 | | 12 | 12 | 12 | 12 | |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 0 | | 0 | 0 | 36 | | 13 | | | | 0 | 0 | | 0 | 18 | 12 | 36 | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 11 | 0 | 0 | 0 | 0 | 21 | 12 | 12 | |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 41 | | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 12 | 41 | |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 0 | 0 | 0 | 0 | 86 | 0 | 20 | | 30 | | 0 | 0 | | 0 | 19 | 12 | 86 | |
| 44 | Trawl, Midwater | all | all | NE | sm | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | | 0 | 12 | 12 | 12 | |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 12 | 12 | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | - | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | | | 0 | 21 | 9 | 9 | |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | 0 | | 0 | 0 | 0 | n | 0 | | n | 0 | 0 | 0 | | 0 | 15 | 12 | 12 | |
| 7 / | roco and rraps, concii | O E ISIN | α±± | LIU | атт | U | U | U | U | U | U | U | U | U | U | U | U | | U | 1.0 | 12 | 1.2 | 1 |

| | Fleet | | | | | | | | | | | | | | | | | | | | Min | 2024 | |
|-----|-------------------------------|--------|------|--------|--------|------|------|-----|-------|------|-----|-------|-----|-----|-------|-------|-----|------|------|-------|-------|--------|-------|
| | Gear | Access | Trip | Region | Mesh | | | | | | | | | | | | | | | Pilot | Pilot | Trips | |
| Row | Type | Area | | | Group | BLUE | HERR | SAL | RCRAB | SCAL | SBM | MONK | GFL | GFS | SKATE | DOG | FSB | SCOQ | TILE | Trips | Trips | Needed | Pilot |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 12 | 12 | |
| 49 | Pots and Traps, Hagfish | OPEN | all | NE | all | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | P |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 12 | 12 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 77 | 0 | 0 | 0 | 0 | 0 | 340 | 12 | 77 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 12 | 12 | |
| 54 | Scottish Seine | OPEN | all | MA | sm | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | P |
| 55 | Dredge, Other | OPEN | all | MA | all | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 12 | 12 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 12 | 12 | |
| | | | | | Totals | 207 | 207 | 207 | 1,630 | 329 | 661 | 1,212 | 553 | 752 | 827 | 1,168 | 650 | 207 | 207 | 1,423 | 579 | 3,362 | |

Table 6B. The number of sea days needed to achieve a 30% coefficient of variation of the discard estimate for each of the 14 fish and invertebrate species groups, the number of pilot sea days, the number of minimum pilot sea days, and the maximum number of sea days needed for each fleet (2024 Sea Days Needed) for fish and invertebrate species groups based on July 2022 through June 2023 data. Bold red font indicates basis for fleet sea days. See Table 1A for fleet stratification and Table 1B for species group abbreviations; "P" indicates fleets with "pilot" designation.

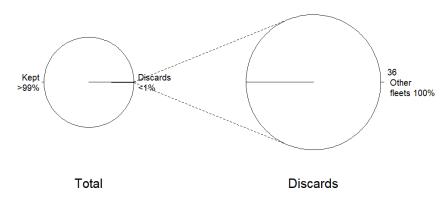
| | Fleet Gear | Access | Trin | Region | Mesh | | | | | | | | | | | | | | | Pilot | Min Pilot | 2024 Sea Days | |
|-----|--|----------|------|----------|------------|------|------|-----|-------|------|------|----------------|-----|-----|---|-----|------|------|------|----------|--------------|------------------|----------|
| Row | Type | Area | тттр | Region | Group | BLUE | HERR | SAL | RCRAB | SCAL | SBM | MONK | GFL | GFS | SKATE | DOG | FSB | scoo | TILE | Days | Days | Needed | Pilot |
| 1 | Longline, Bottom | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 011111111111111111111111111111111111111 | 0 | 0 | 0002 | | 61 | | 61 | |
| | Longline, Bottom | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | | | 13 | |
| | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 13 | 13 | |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 14 | |
| | Otter Trawl | OPEN | all | MA | sm | 0 | 0 | 0 | 3,525 | 0 | _ | 802 | 0 | | 382 | 352 | 323 | 0 | 0 | 10 | 32 | 3,525 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 0 | 0 | 0 | 0 | 0 | | 728 | 0 | | 113 | 486 | 119 | 0 | 0 | | 35 | 728 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 0 | 0 | 0 | 0 | 0 | - | 641 | 265 | | 441 | 527 | 245 | 0 | 0 | | 37 | 1,026 | |
| | Otter Trawl | OPEN | all | NE | lg | 0 | 0 | 0 | 0 | 0 | - | 129 | 595 | | 133 | 435 | 524 | 0 | | | 35 | 595 | |
| | Otter Trawl, LgMesh Belly Panel | | all | MA | lg | 3 | 3 | 3 | 3 | 3 | | 3 | 3 | | 3 | 3 | 32.1 | 3 | | | | 3,33 | P |
| | Otter Trawl, LgMesh Belly Panel | | all | NE | sm | 46 | 46 | 46 | 46 | 46 | | 46 | 46 | | 46 | 46 | 46 | 46 | | | | 46 | P |
| 11 | Otter Trawl, LgMesh Belly Panel | | all | NE | lg | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | 10 | 10 | 10 | 10 | | | | 10 | P |
| | Otter Trawl, Scallop | OPEN | GEN | MA | lq | 13 | 13 | 13 | 13 | 13 | | 13 | 13 | | 13 | 13 | 13 | 13 | | | | 13 | P |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 0 | 0 | 13 | 0 | 0 | | 0 | 1.0 | | 0 | 0 | 13 | 0 | 13 | | | 33 | - |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lg | 27 | 27 | 27 | 27 | 27 | | 27 | 27 | Ŭ | 27 | 27 | 27 | 27 | Ŭ | - 00 | | 27 | P |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | | 0 | 27 | 0 | 0 | | | 66 | г |
| 16 | Otter Trawl, Twin | OPEN | all | NE | lq | 3 | 3 | 3 | 3 | 3 | | 3 | 3 | | 3 | 3 | 3 | 3 | | | | 3 | P |
| 17 | Otter Trawl, Ruhle | OPEN | all | MA | lg | 16 | 16 | 16 | 16 | 16 | | 16 | 16 | | | 16 | 16 | 16 | | | | 16 | P |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE. | sm | 43 | 43 | 43 | 43 | 43 | | 43 | 43 | | 43 | 43 | 43 | 43 | | | | 43 | P |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 0 | 0 | 43 | 0 | 0 | - 43 | 0 | -13 | 4.5 | 91 | 148 | 4.0 | -13 | - 13 | | 91 | 148 | |
| | Otter Trawl, Shrimp | OPEN | all | MA | sm | 37 | 37 | 37 | 37 | 37 | Ŭ | 37 | 37 | 37 | 37 | 37 | 37 | 37 | | | | 37 | P |
| 21 | | OPEN | all | NE NE | | 37 | 31 | 3/ | 37 | 37 | | 3 / | 37 | | 37 | 3 / | 37 | 37 | 3 / | | | 31 | P |
| 22 | Otter Trawl, Shrimp Otter Trawl, Other | OPEN | all | MA | lg sm | 38 | 38 | 38 | 38 | 38 | _ | 38 | 38 | _ | 38 | 38 | 38 | 38 | Ŭ | | _ | 38 | P |
| 23 | Otter Trawl, Other Otter Trawl, Other | OPEN | all | MA | lq | 45 | 45 | 45 | 45 | 45 | | 45 | 45 | | 45 | 45 | 45 | 45 | | | | 45 | P |
| | Otter Trawl, Other | OPEN | all | NE | sm | 34 | 34 | 34 | 34 | 34 | | 34 | 34 | | | 34 | 34 | 34 | | | | 34 | P |
| | Otter Trawl, Other | OPEN | all | NE NE | lg | 24 | 24 | 24 | 24 | 24 | | 24 | 24 | | 24 | 24 | 24 | 24 | | | | 24 | P |
| 26 | Floating Trap | OPEN | all | MA | all | 6 | 24 | 24 | 24 | 6 | 6 | 24 | - 4 | | 6 | 6 | 24 | - 44 | 24 | | 24 | 24 | P |
| | Floating Trap | OPEN | all | NE | all | 12 | 12 | 12 | 12 | 12 | - | 12 | 12 | | 12 | 12 | 12 | 12 | | | 12 | 12 | P |
| 28 | | OPEN | all | MA | | 0 | 0 | 12 | 0 | 0 | | 0 | 0 | | 0 | 169 | 12 | 0 | 12 | | | 169 | г |
| | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | | 0 | 38 | 0 | 0 | 0 | | | 38 | |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | <u> </u> | | 10 | |
| | Gillnet, Sink, Anchor, Drift Gillnet, Sink, Anchor, Drift | OPEN | all | NE NE | xlg sm | 9 | 9 | 0 | 0 | 9 | | 9 | 9 | | | 9 | 0 | 0 | 9 | | | 10 | P |
| | Gillnet, Sink, Anchor, Drift Gillnet, Sink, Anchor, Drift | OPEN | all | NE NE | lq | 0 | 0 | 9 | 0 | 0 | - | 0 | 0 | | 0 | 137 | 9 | 0 | 0 | | | 137 | P |
| | | OPEN | all | NE NE | | 0 | 0 | 0 | 0 | 0 | - | 89 | 0 | | 205 | 137 | 0 | 0 | 0 | 55 | | 205 | |
| 34 | Gillnet, Sink, Anchor, Drift Purse Seine | OPEN | all | MA | xlg all | 6 | 0 | 0 | 0 | 6 | | 69 | 6 | _ | 205 | 6 | 0 | 0 | 0 | 6 6 | 19 | 203 | P |
| 35 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 22 | 14 | 14 | г |
| | | | GEN | | | 3 | 3 | 2 | 3 | 3 | | 3 | 3 | _ | 3 | 3 | 0 | 3 | 3 | | | 14 | P |
| 37 | Dredge, Scallop | AA AA | GEN | MA NE | all | 0 | 0 | 3 | 0 | 0 | _ | 24 | 0 | | 27 | 0 | 3 | 0 | 0 | | _ | 27 | P |
| 38 | Dredge, Scallop | AA | LIM | MA | all | 117 | 117 | 117 | 117 | 117 | - | 117 | 117 | | 117 | 117 | 117 | 117 | 117 | | 20 117 | 117 | P |
| 39 | Dredge, Scallop | | | | all | | 0 | 117 | 117 | 263 | 117 | | | | 186 | 0 | 117 | | | | | 263 | P |
| | Dredge, Scallop | AA | LIM | NE | | 0 | 0 | 0 | - | | _ | 99 | 0 | | | 0 | 0 | 0 | 0 | | | | |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 59 | 0 | | 23 | 0 | U | 0 | 0 | | | 27 59 | |
| | Dredge, Scallop | | GEN | NE | | | 100 | 100 | 100 | Ů | Ü | | | Ŭ | | | 100 | 108 | Ŭ | | - | | - D |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | | 108 | | 108 | 108 | P |
| | Dredge, Scallop | OPEN | LIM | NE | all | 0 | 0 | 0 | 0 | 828 | 0 | 193 0 | 189 | | 205 | 0 | U | 0 | 0 | | 114 | 828 | - |
| 44 | Trawl, Midwater | all | all | NE | sm | - | Ŭ | 0 | - | 0 | | - | | _ | - | - | U | | | | | 66 | - |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | - 0 | 0 | 0 | _ | 0 | 0 | _ | 0 | 0 | U | 0 | 0 | 20 | | 13 | |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | - 0 | 0 | 0 | | 0 | 0 | | Ü | 0 | U | 0 | 0 | | | 10 | |
| | Pots and Traps, Conch | OPEN | all | MA | all | 0 | 0 | - 0 | 0 | 0 | | 0 | 0 | | Ü | 0 | 0 | 0 | 0 | | | 12 | <u> </u> |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | U | 0 | 0 | 22 | 12 | 12 | 1 |

| | Fleet Gear Type | Access Area | Trip | Region | Mesh Group | BLUE | HERR | SAL | RCRAB | SCAL | SBM | MONK | GFL | GFS | SKATE | DOG | FSB | scoq | TILE | Pilot Days | | 2024 Sea Days Needed | Pilot |
|----|-------------------------------|----------------|------|--------|---------------|------|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|---------------|-------|----------------------------|-------|
| 49 | Pots and Traps, Hagfish | OPEN | all | NE | all | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | P |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 17 | 17 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 100 | 0 | 0 | 0 | 0 | 0 | 453 | 17 | 100 | |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | P |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91 | 91 | 91 | |
| 54 | Scottish Seine | OPEN | all | MA | sm | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | P |
| 55 | Dredge, Other | OPEN | all | MA | all | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | P |
| 56 | Dredge, Other | OPEN | all | NE | all | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | P |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 | 25 | 25 | |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 21 | 21 | |
| | | | | | Totals | 747 | 747 | 747 | 4,318 | 1,838 | 1,922 | 3,511 | 1,830 | 2,553 | 2,553 | 3,039 | 1,958 | 747 | 747 | 3,297 | 1,821 | 9,113 | |

Table 7. Number of sea days, trips, and percentage of trips (based upon previous industry activity) needed to achieve a 30% coefficient of variation of the discard estimate, by fleet and species group, based on July 2022 through June 2023 data. See Table 1A for fleet stratification abbreviations and Table 1B for species group abbreviations. MPC = Minimum Pilot Coverage.

| Fleet | | | | | | | | | |
|-------|--------------------------------|---------------|------------------|--------|---------------|------------------|----------|-------|------------|
| Row | 44 | ccess Area | Trip Category | Region | Mesh Group | Species Group | Sea Days | Trips | % of Trips |
| 5 | Otter Trawl | OPEN | all | MA | sm | RCRAB | 3,525 | 1,417 | 66 |
| | | | | | | SBM | 911 | 366 | 17 |
| | | | | | | MONK | 802 | 322 | 15 |
| | | | | | | SKATE | 382 | 154 | 7 |
| | | | | | | DOG | 352 | 141 | 7 |
| | | | | | | FSB | 323 | 130 | 6 |
| 6 | Otter Trawl | OPEN | all | MA | lg | MONK | 728 | 271 | 10 |
| Ü | occor frami | OLDIV | all | 1111 | 19 | DOG | 486 | 181 | 7 |
| | | | | | | FSB | 119 | 44 | 2 |
| | | | | | | SKATE | 113 | 42 | 2 |
| 7 | Otter Trawl | OPEN | all | NE | sm | GFS | 1,026 | 342 | 13 |
| , | occor frami | OLDIV | all | IND. | Sitt | MONK | 641 | 214 | 8 |
| | | | | | | DOG | 527 | 176 | 7 |
| | | | | | | SKATE | 441 | 147 | 6 |
| | | | | | | GFL | 265 | 88 | 4 |
| | | | | | | SBM | 264 | 88 | 4 |
| | | | | | | | | | 3 |
| 0 | Otton Marris | ODEN | -11 | NTT. | 1- | FSB | 245 | 82 | 5 |
| 8 | Otter Trawl | OPEN | all | NE | lg | GFL | 595 | 212 | 4 |
| | | | | | | FSB | 524 | 187 | |
| | | | | | | DOG | 435 | 155 | 4 |
| | | | | | | GFS | 190 | 68 | 2 |
| | | | | | | SKATE | 133 | 47 | 1 |
| | | | | | | MONK | 129 | 46 | 1 |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | DOG | 148 | 20 | 26 |
| | | | | | | SKATE | 91 | 12 | 16 |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | | | sm | DOG | 169 | 157 | 12 |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | | | lg | DOG | 38 | 38 | 2 |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | | | lg - | DOG | 137 | 93 | 8 |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | SKATE | 205 | 143 | 7 |
| | | | | | | MONK | 89 | 62 | 3 |
| 37 | Dredge, Scallop | AA | GEN | NE | all | SKATE | 27 | 18 | 1 |
| | | | | | | MONK | 24 | 16 | 1 |
| 39 | Dredge, Scallop | AA | LIM | I NE | all | SCAL | 263 | 36 | 4 |
| | | | | | | GFS | 205 | 28 | 3 |
| | | | | | | SKATE | 186 | 25 | 3 |
| | | | | | | MONK | 99 | 13 | 2 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | MPC | 27 | 12 | 1 |
| | | | | | | SKATE | 23 | 11 | 1 |
| 41 | | OPEN | | | all | MONK | 59 | 41 | 2 |
| 43 | Dredge, Scallop | OPEN | LIM | I NE | all | SCAL | 828 | 86 | 10 |
| | | | | | | GFS | 285 | 30 | 3 |
| | | | | | | SKATE | 205 | 21 | 2 |
| | | | | | | MONK | 193 | 20 | 2 |
| | | | | | | GFL | 189 | 20 | 2 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | GFS | 100 | 77 | <1 |
| | | | | | | GFL | 34 | 26 | <1 |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | MPC | 91 | 12 | 13 |
| | | | | | | RCRAB | 46 | 6 | 7 |

SPECIES: ATLANTIC HERRING



SPECIES: BLUEFISH

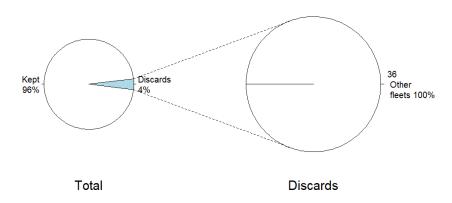
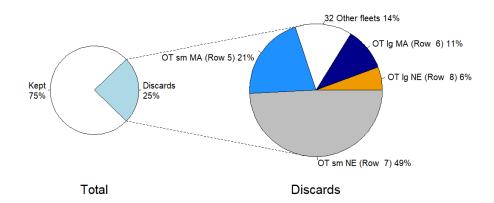


Figure 1A. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for each of the 14 species groups (except Atlantic salmon [Salmo salar]), based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: ATLANTIC HERRING (Clupea harengus)
Bottom: BLUEFISH (Pomatomus saltatrix)

SPECIES: FLUKE - SCUP - BLACK SEA BASS



SPECIES: LARGE MESH GROUNDFISH

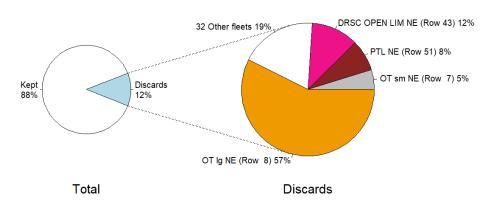
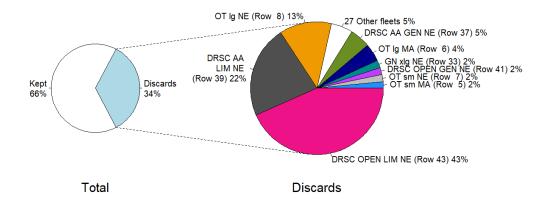


Figure 1A, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for each of the 14 species groups (except Atlantic salmon [Salmo salar]), based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: FLUKE (Paralichthys dentatus) - SCUP (Stenotomus chrysops) - BLACK SEA BASS (Centropristis striata)

Bottom: LARGE MESH GROUNDFISH

SPECIES: MONKFISH



SPECIES: RED DEEPSEA CRAB

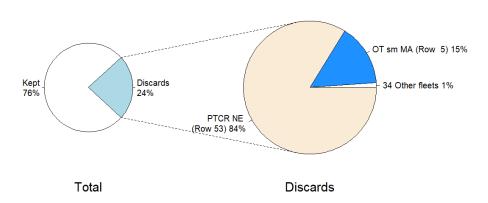
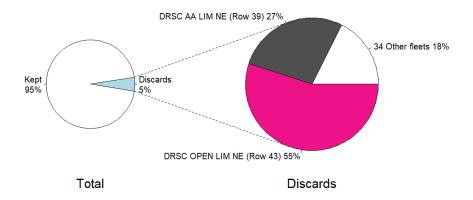


Figure 1A, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for each of the 14 species groups (except Atlantic salmon [Salmo salar]), based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: MONKFISH (Lophius americanus)

Bottom: RED DEEPSEA CRAB (Chaceon guinguedens)

SPECIES: SEA SCALLOP



SPECIES: SKATE COMPLEX

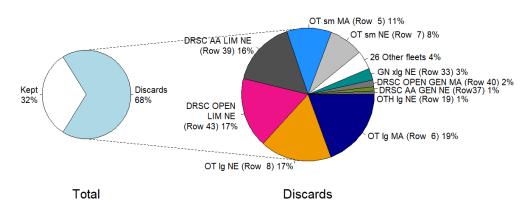
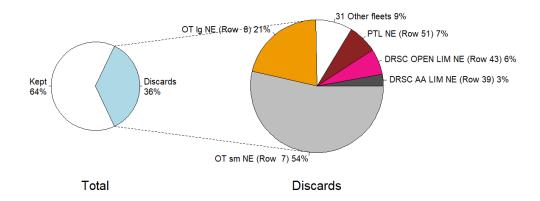


Figure 1A, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for each of the 14 species groups (except Atlantic salmon [Salmo salar]), based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: SEA SCALLOP (Placopecten magellanicus)

Bottom: SKATE COMPLEX (Rajidae)

SPECIES: SMALL MESH GROUNDFISH



SPECIES: SPINY DOGFISH

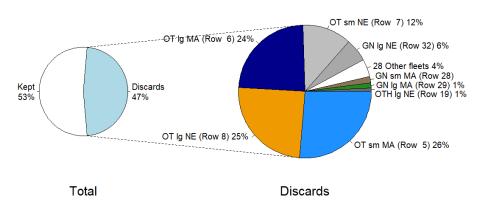
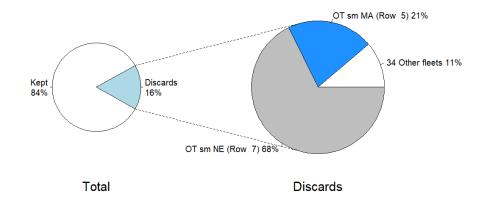


Figure 1A, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for each of the 14 species groups (except Atlantic salmon [Salmo salar]), based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: SMALL MESH GROUNDFISH

Bottom: SPINY DOGFISH (Squalus acanthias)

SPECIES: SQUID - BUTTERFISH - MACKEREL



SPECIES: SURFCLAM - OCEAN QUAHOG

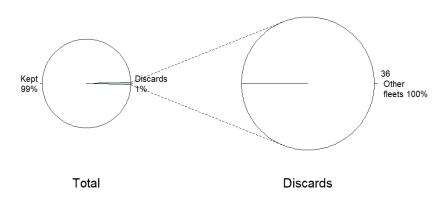


Figure 1A, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for each of the 14 species groups (except Atlantic salmon [Salmo salar]), based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: SQUID (Doryteuthis [Amerigo] pealeii, Illex illecebrosus) - BUTTERFISH (Peprilus triacanthus) - MACKEREL (Scomber colias, Scomber scombrus)

Bottom: SURFCLAM (Spisula solidissima) - OCEAN QUAHOG (Arctica islandica)

SPECIES: TILEFISH

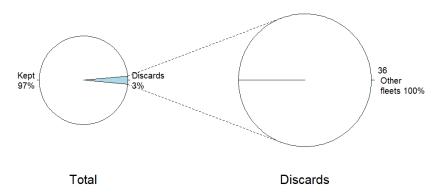
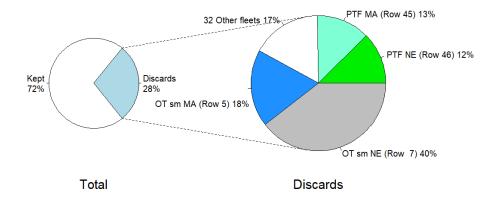


Figure 1A, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for each of the 14 species groups (except Atlantic salmon [Salmo salar]), based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations. Pictured: TILEFISH

SPECIES: BLACK SEA BASS



SPECIES: FLUKE

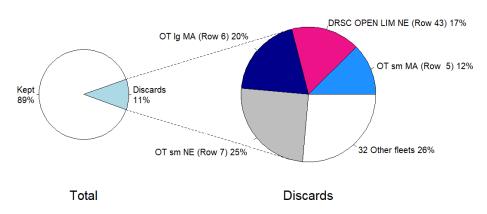
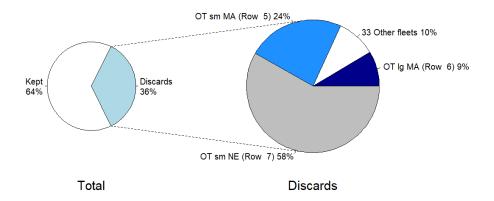


Figure 1B. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: BLACK SEA BASS (Centropristis striata)

Bottom: FLUKE (Paralichthys dentatus)

SPECIES: SCUP



SPECIES: ACADIAN REDFISH

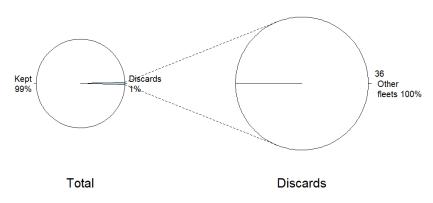
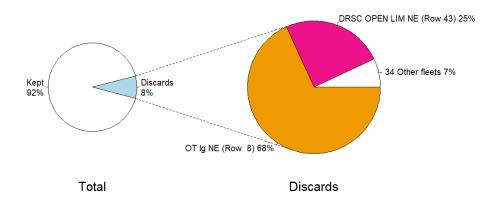


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: SCUP (Stenotomus chrysops)

Bottom: ACADIAN REDFISH (Sebastes fasciatus)

SPECIES: AMERICAN PLAICE



SPECIES: ATLANTIC COD

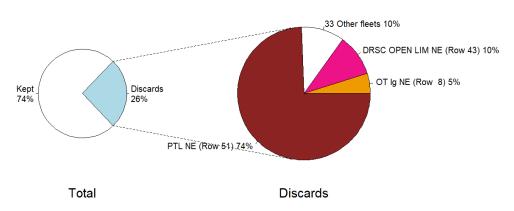
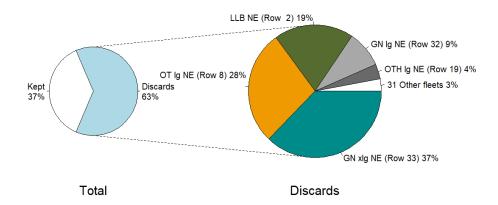


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: AMERICAN PLAICE (Hippoglossoides platessoides)

Bottom: ATLANTIC COD (Gadus morhua)

SPECIES: ATLANTIC HALIBUT



SPECIES: ATLANTIC WOLFFISH

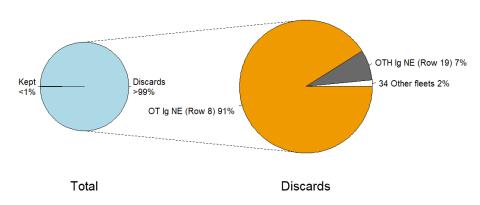
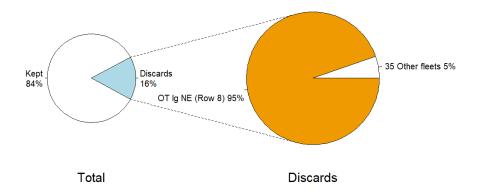


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: ATLANTIC HALIBUT (Hippoglossus hippoglossus)
Bottom: ATLANTIC WOLFFISH (Anarhichas lupus)

SPECIES: HADDOCK



SPECIES: OCEAN POUT

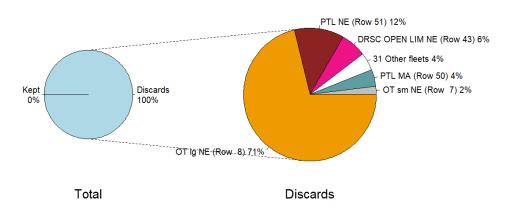
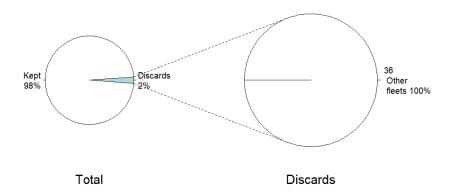


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: HADDOCK (Melanogrammus aeglefinus)
Bottom: OCEAN POUT (Zoarces americanus)

SPECIES: POLLOCK



SPECIES: WHITE HAKE

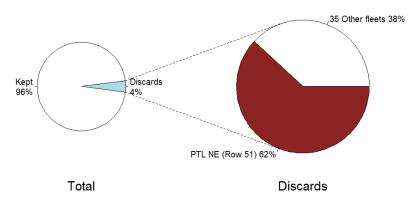
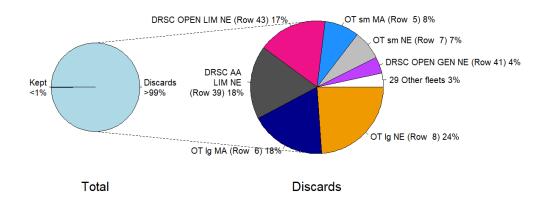


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: POLLOCK (Pollachius virens)

Bottom: WHITE HAKE (Urophycis tenuis)

SPECIES: WINDOWPANE FLOUNDER



SPECIES: WINTER FLOUNDER

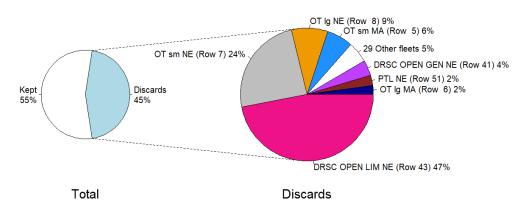
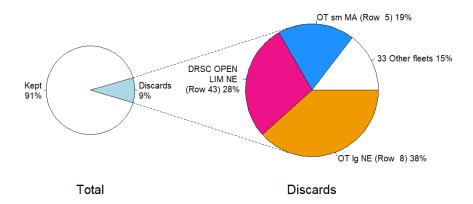


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: WINDOWPANE FLOUNDER (Scophthalmus aquosus)

Bottom: WINTER FLOUNDER (Pseudopleuronectes americanus)

SPECIES: WITCH FLOUNDER



SPECIES: YELLOWTAIL FLOUNDER

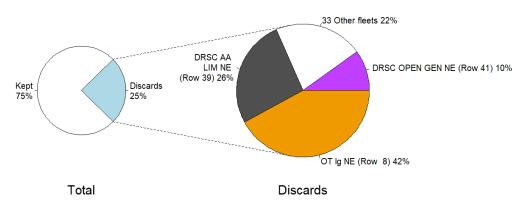
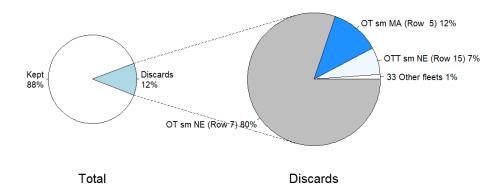


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: WITCH FLOUNDER (*Glyptocephalus cynoglossus*) Bottom: YELLOWTAIL FLOUNDER (*Limanda ferruginea*)

SPECIES: OFFSHORE HAKE



SPECIES: RED HAKE

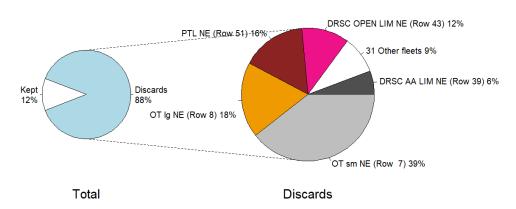
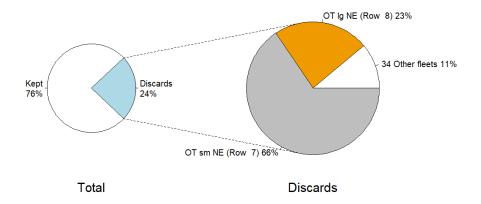


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: OFFSHORE HAKE (Merluccius albidus)
Bottom: RED HAKE (Urophycis chuss)

SPECIES: SILVER HAKE



SPECIES: ATLANTIC CHUB MACKEREL

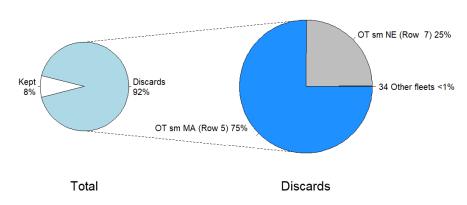
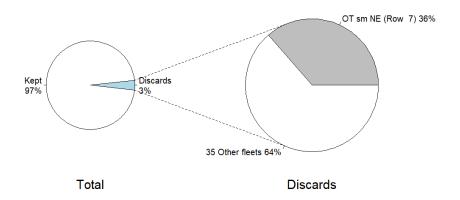


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: SILVER HAKE (Merluccius bilinearis)

Bottom: ATLANTIC CHUB MACKEREL (Scomber colias)

SPECIES: ATLANTIC MACKEREL



SPECIES: BUTTERFISH

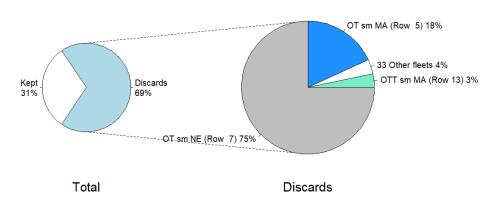
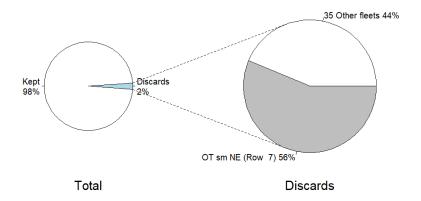


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: ATLANTIC MACKEREL (Scomber scombrus)
Bottom: BUTTERFISH (Peprilus triacanthus)

SPECIES: LONGFIN INSHORE SQUID



SPECIES: NORTHERN SHORTFIN SQUID

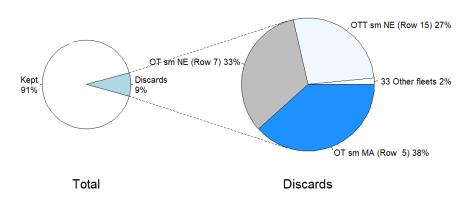
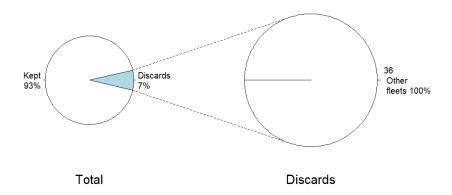


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: LONGFIN INSHORE SQUID (*Doryteuthis* [*Amerigo*] *pealeii*) Bottom: NORTHERN SHORTFIN SQUID (*Illex illecebrosus*)

SPECIES: BLUELINE TILEFISH



SPECIES: GOLDEN TILEFISH

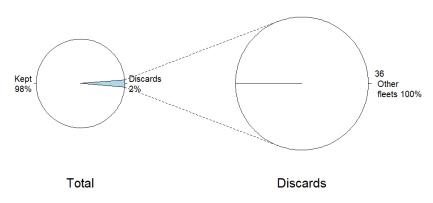
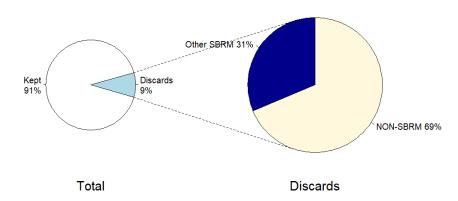


Figure 1B, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by fleet (Discards, right pie) for the 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Appendix Table 4 for fleet abbreviations.

Top: BLUELINE TILEFISH (Caulolatilus microps)

Bottom: GOLDEN TILEFISH (Lopholatilus chamaeleonticeps)

FLEET: Longline, Bottom OPEN all MA all (Row 1)



FLEET: Longline, Bottom OPEN all NE all (Row 2)

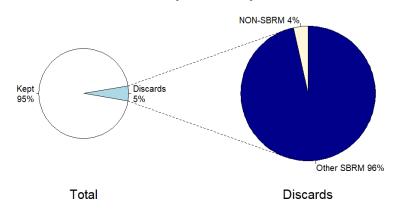
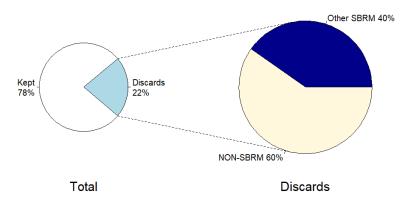
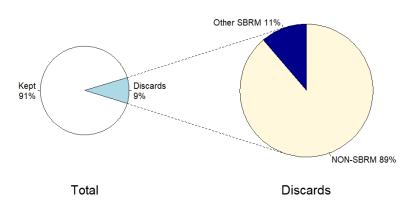


Figure 2. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by species groups (Discards, right pie) for 32 nonpilot fleets, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Table 1A for fleet stratification abbreviations and Table 1B for species group abbreviations. Standardized Bycatch Reporting Methodology (SBRM) species groups that were filtered out through the importance filter have been aggregated and labeled "Other SBRM." Non-SBRM species have been grouped and labeled "Non-SBRM."

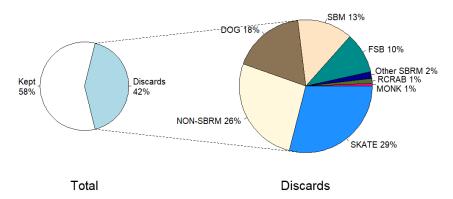
FLEET: Hand Line OPEN all MA all (Row 3)



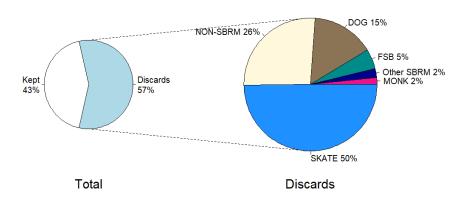
FLEET: Hand Line OPEN all NE all (Row 4)



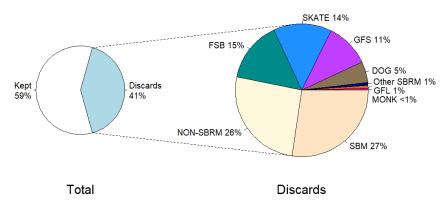
FLEET: Otter Trawl OPEN all MA sm (Row 5)



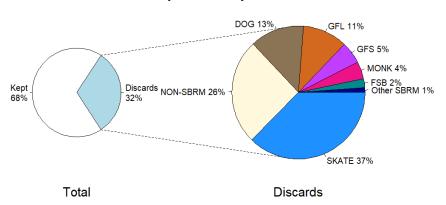
FLEET: Otter Trawl OPEN all MA Ig (Row 6)



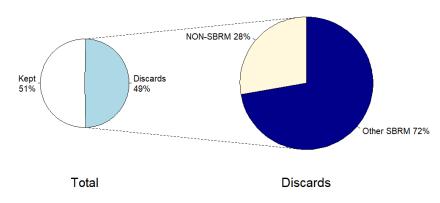
FLEET: Otter Trawl OPEN all NE sm (Row 7)



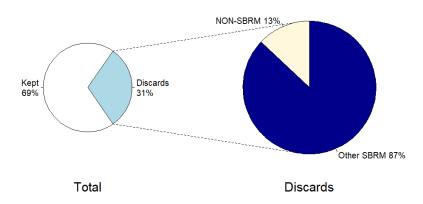
FLEET: Otter Trawl OPEN all NE Ig (Row 8)



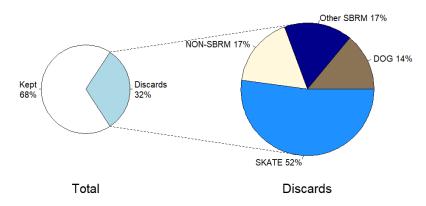
FLEET: Otter Trawl, Twin OPEN all MA sm (Row 13)



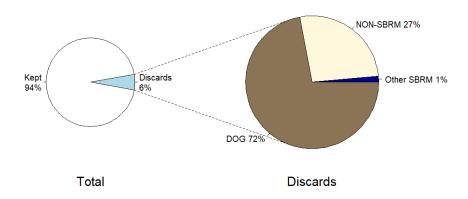
FLEET: Otter Trawl, Twin OPEN all NE sm (Row 15)



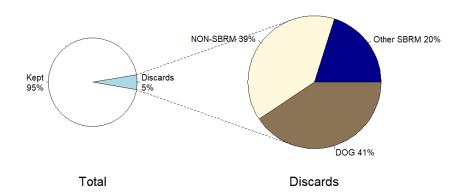
FLEET: Otter Trawl, Haddock Separator OPEN all NE Ig (Row 19)



FLEET: Gillnet OPEN all MA sm (Row 28)



FLEET: Gillnet OPEN all MA Ig (Row 29)



FLEET: Gillnet OPEN all MA xlg (Row 30)

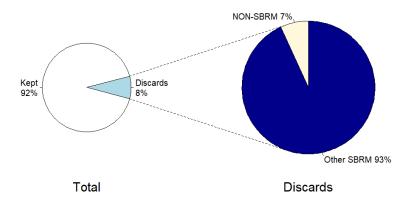
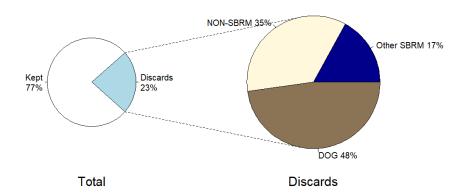


Figure 2, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by species groups (Discards, right pie) for 32 nonpilot fleets, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Table 1A for fleet stratification abbreviations and Table 1B for species group abbreviations. Standardized Bycatch Reporting Methodology (SBRM) species groups that were filtered out through the importance filter have been aggregated and labeled "Other SBRM" non-SBRM species have been grouped and labeled "Non-SBRM."

FLEET: Gillnet OPEN all NE Ig (Row 32)



FLEET: Gillnet OPEN all NE xlg (Row 33)

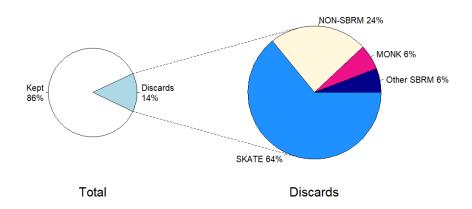
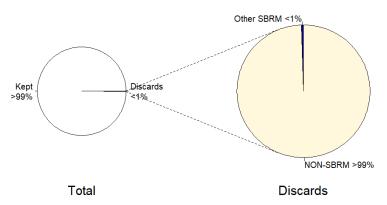
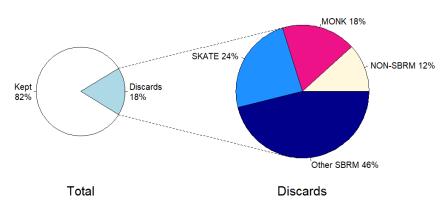


Figure 2, continued. Percentage of Vessel Trip Report landings (kept) and estimated discards (Total, left pie) and the percentage of estimated discards by species groups (Discards, right pie) for 32 nonpilot fleets, based on July 2022 through June 2023 data. Because percentages have been rounded, they may not always sum to 100%. See Table 1A for fleet stratification abbreviations and Table 1B for species group abbreviations. Standardized Bycatch Reporting Methodology (SBRM) species groups that were filtered out through the importance filter have been aggregated and labeled "Other SBRM" non-SBRM species have been grouped and labeled "Non-SBRM."

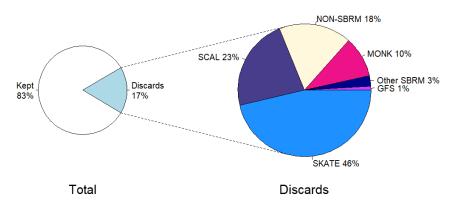
FLEET: Purse Seine OPEN all NE all (Row 35)



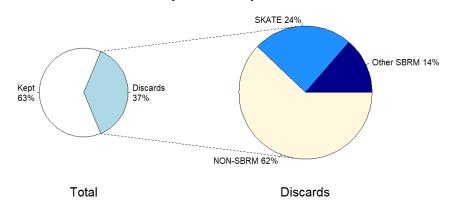
FLEET: Dredge, Scallop AA GEN NE all (Row 37)



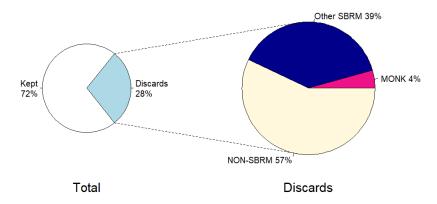
FLEET: Dredge, Scallop AA LIM NE all (Row 39)



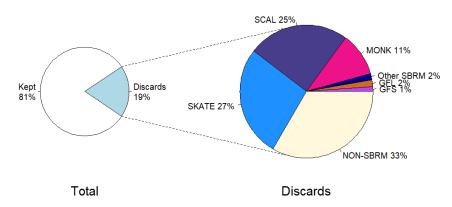
FLEET: Dredge, Scallop OPEN GEN MA all (Row 40)



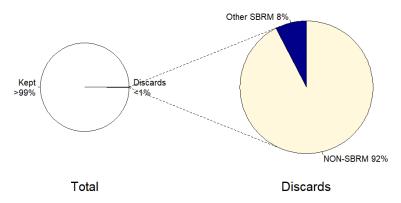
FLEET: Dredge, Scallop OPEN GEN NE all (Row 41)



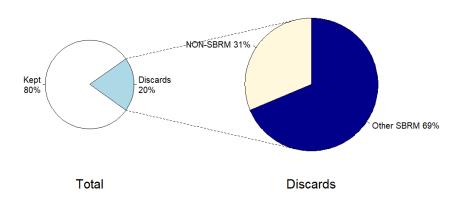
FLEET: Dredge, Scallop OPEN LIM NE all (Row 43)



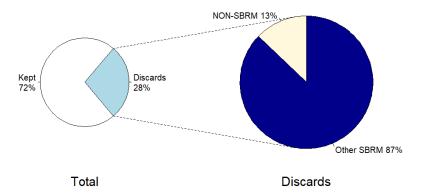
FLEET: Trawl, Midwater all all NE sm (Row 44)



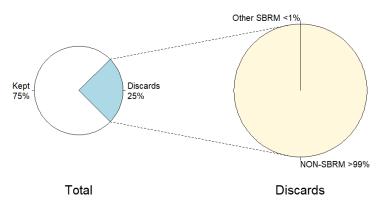
FLEET: Pots and Traps, Fish OPEN all MA all (Row 45)



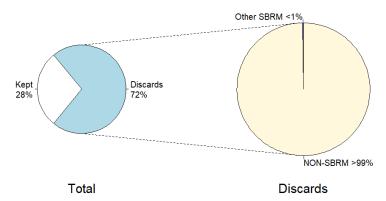
FLEET: Pots and Traps, Fish OPEN all NE all (Row 46)



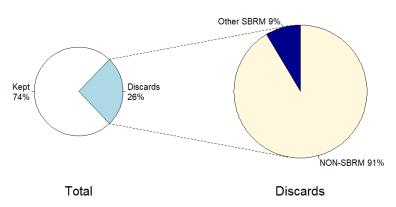
FLEET: Pots and Traps, Conch OPEN all MA all (Row 47)



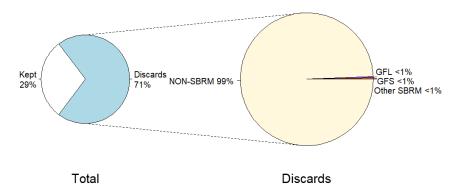
FLEET: Pots and Traps, Conch OPEN all NE all (Row 48)



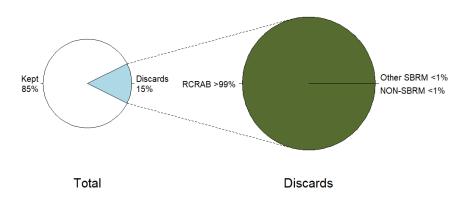
FLEET: Pots and Traps, Lobster OPEN all MA all (Row 50)



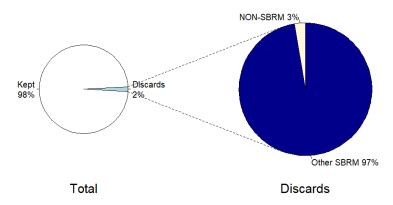
FLEET: Pots and Traps, Lobster OPEN all NE all (Row 51)



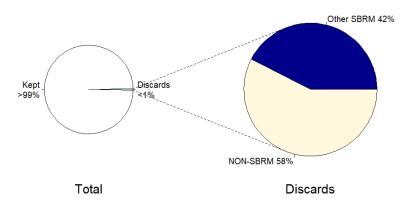
FLEET: Pots and Traps, Crab OPEN all NE all (Row 53)



FLEET: Dredge, Ocean Quahog/Surf Clam OPEN all MA all (Row 57)



FLEET: Ocean Quahog/Surf Clam Dredge OPEN all NE all (Row 58)



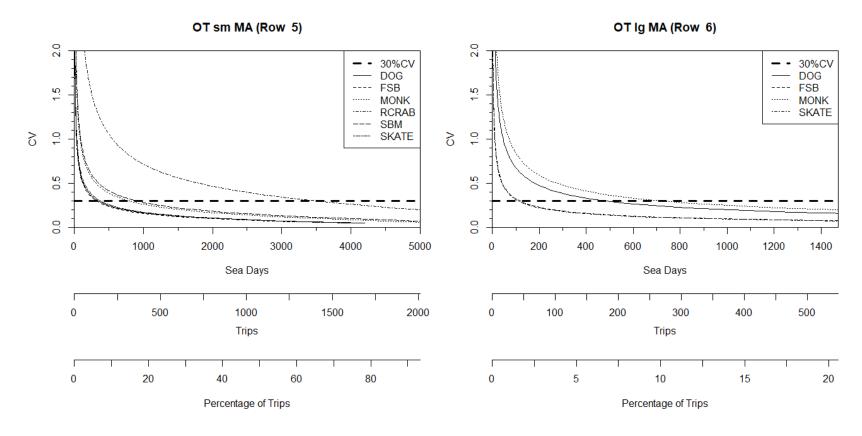


Figure 3. Results from the 2024 sample size analysis conducted for selected fleets, based on July 2022 through June 2023 data. The curves represent the relationship between the coefficient of variance (CV) and the sample size (sea days, trips, and percent of trips) for each of the species groups that was not filtered out. The dash line is the 30% CV. Minimum pilot coverage (MPC) is indicated with an arrow when MPC is greater than the variance-based sample size. For species group and fleet abbreviations, see Table 1B and Appendix Table 4, respectively.

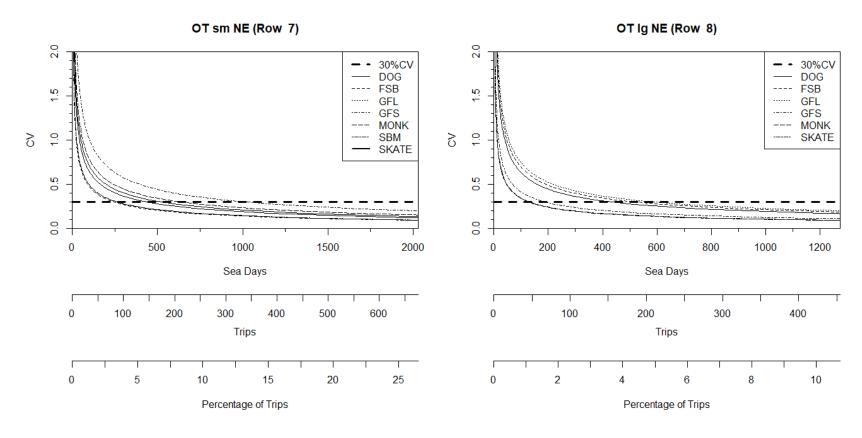


Figure 3, continued. Results from the 2024 sample size analysis conducted for selected fleets, based on July 2022 through June 2023 data. The curves represent the relationship between the coefficient of variance (CV) and the sample size (sea days, trips, and percent of trips) for each of the species groups that was not filtered out. The dash line is the 30% CV. Minimum pilot coverage (MPC) is indicated with an arrow when MPC is greater than the variance-based sample size. For species group and fleet abbreviations, see Table 1B and Appendix Table 4, respectively.

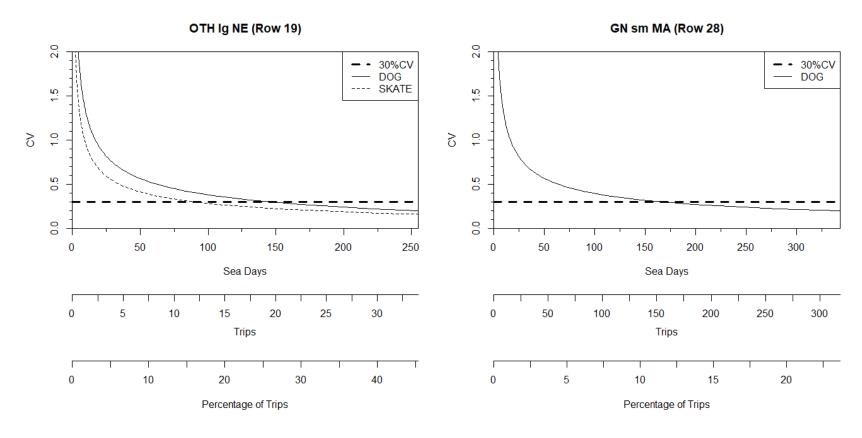


Figure 3, continued. Results from the 2024 sample size analysis conducted for selected fleets, based on July 2022 through June 2023 data. The curves represent the relationship between the coefficient of variance (CV) and the sample size (sea days, trips, and percent of trips) for each of the species groups that was not filtered out. The dash line is the 30% CV. Minimum pilot coverage (MPC) is indicated with an arrow when MPC is greater than the variance-based sample size. For species group and fleet abbreviations, see Table 1B and Appendix Table 4, respectively.

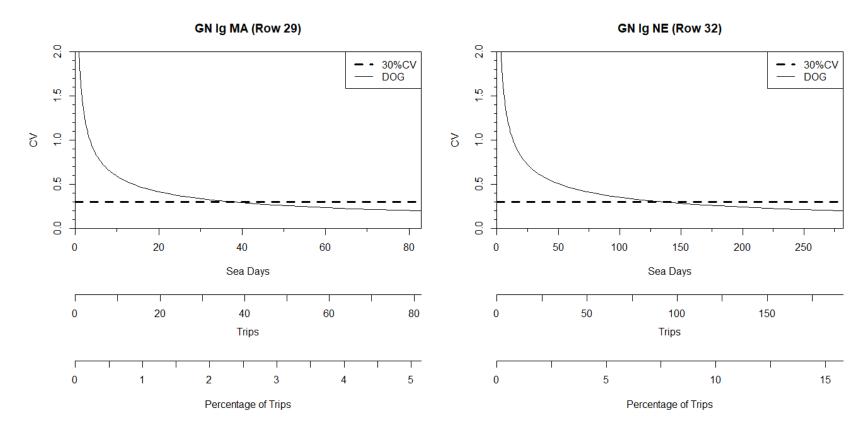


Figure 3, continued. Results from the 2024 sample size analysis conducted for selected fleets, based on July 2022 through June 2023 data. The curves represent the relationship between the coefficient of variance (CV) and the sample size (sea days, trips, and percent of trips) for each of the species groups that was not filtered out. The dash line is the 30% CV. Minimum pilot coverage (MPC) is indicated with an arrow when MPC is greater than the variance-based sample size. For species group and fleet abbreviations, see Table 1B and Appendix Table 4, respectively.

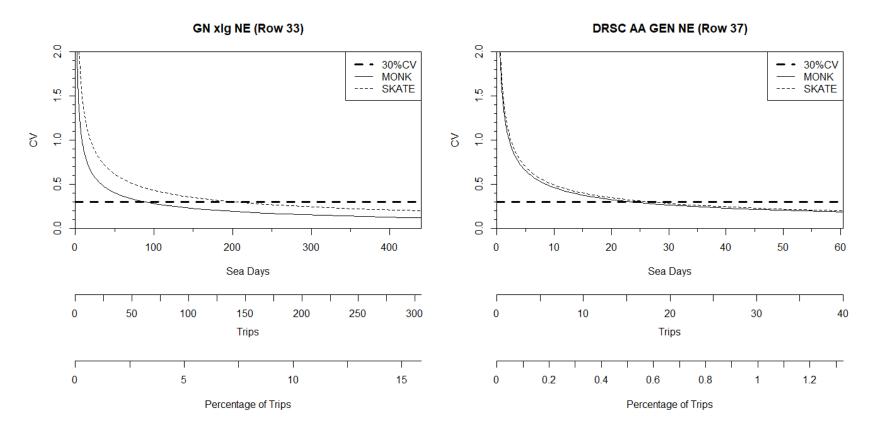


Figure 3, continued. Results from the 2024 sample size analysis conducted for selected fleets, based on July 2022 through June 2023 data. The curves represent the relationship between the coefficient of variance (CV) and the sample size (sea days, trips, and percent of trips) for each of the species groups that was not filtered out. The dash line is the 30% CV. Minimum pilot coverage (MPC) is indicated with an arrow when MPC is greater than the variance-based sample size. For species group and fleet abbreviations, see Table 1B and Appendix Table 4, respectively.

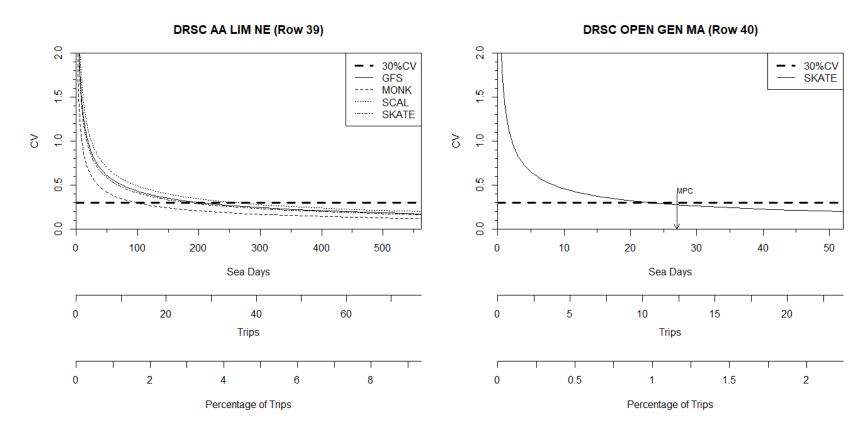


Figure 3, continued. Results from the 2024 sample size analysis conducted for selected fleets, based on July 2022 through June 2023 data. The curves represent the relationship between the coefficient of variance (CV) and the sample size (sea days, trips, and percent of trips) for each of the species groups that was not filtered out. The dash line is the 30% CV. Minimum pilot coverage (MPC) is indicated with an arrow when MPC is greater than the variance-based sample size. For species group and fleet abbreviations, see Table 1B and Appendix Table 4, respectively.

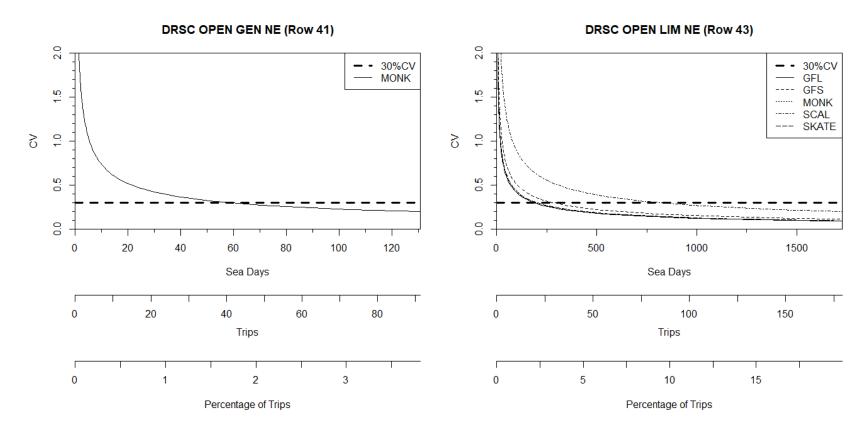


Figure 3, continued. Results from the 2024 sample size analysis conducted for selected fleets, based on July 2022 through June 2023 data. The curves represent the relationship between the coefficient of variance (CV) and the sample size (sea days, trips, and percent of trips) for each of the species groups that was not filtered out. The dash line is the 30% CV. Minimum pilot coverage (MPC) is indicated with an arrow when MPC is greater than the variance-based sample size. For species group and fleet abbreviations, see Table 1B and Appendix Table 4, respectively.

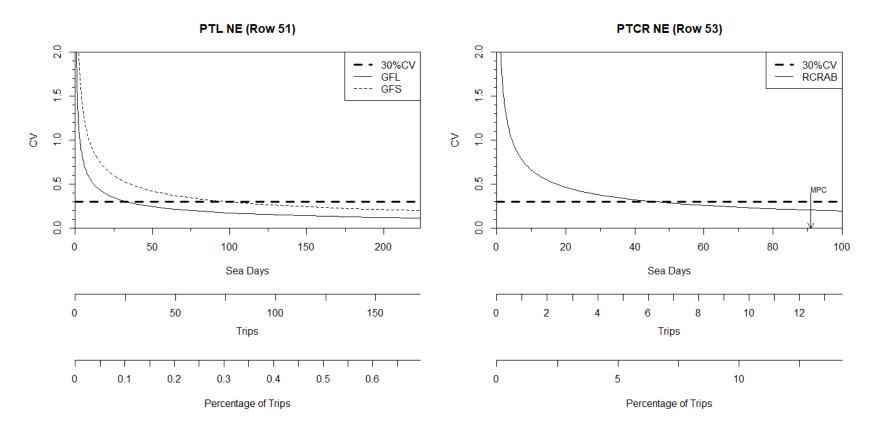


Figure 3, continued. Results from the 2024 sample size analysis conducted for selected fleets, based on July 2022 through June 2023 data. The curves represent the relationship between the coefficient of variance (CV) and the sample size (sea days, trips, and percent of trips) for each of the species groups that was not filtered out. The dash line is the 30% CV. Minimum pilot coverage (MPC) is indicated with an arrow when MPC is greater than the variance-based sample size. For species group and fleet abbreviations, see Table 1B and Appendix Table 4, respectively.

APPENDIX. EQUATIONS USED IN DISCARD ESTIMATION AND SAMPLE SIZE ANALYSES

Total discarded pounds for species j in fleet h (i.e., gear type, access area, trip category, region, and mesh group stratum combination) is defined as:

(1)
$$\hat{D}_{j,h} = \sum_{q=1}^{Q} K_{q,h} r_{c,j,h}$$

where

$$(2) \quad r_{c,j,h} = \frac{\sum_{q=1}^{Q} N_{q,h} \sum_{i=1}^{n_{q,h}} \frac{d_{j,i,q,h}}{n_{q,h}}}{\sum_{q=1}^{Q} N_{q,h} \sum_{i=1}^{n_{q,h}} \frac{k_{i,q,h}}{n_{q,h}}}$$

where $\hat{D}_{j,h}$ is total discarded pounds for species j in fleet h; $K_{q,h}$ is vessel trip report (VTR) total kept pounds of all species in quarter q and fleet h; $r_{c,j,h}$ is the combined ratio of species j in fleet h; $d_{j,i,q,h}$ is discards of species j from trip i in quarter q and fleet h; $k_{i,q,h}$ is kept pounds of all species on trip i in quarter q and fleet h; $N_{q,h}$ is the number of VTR trips in quarter q and fleet h; $n_{q,h}$ is the number of observed trips in quarter q and fleet q. A fleet is defined by a gear type, access area, trip category, region, and mesh group combination. In Eq. 2 q denotes calendar quarters.

Variance of $\hat{D}_{i,h}$ for species j in fleet h is defined as:

$$(3) V(\hat{D}_{j,h}) = \sum_{q=1}^{Q} K_{q,h}^{2} \left(\frac{N_{q,h} - n_{q,h}}{n_{q,h} N_{q,h}} \right) \frac{1}{\left(\sum_{i=1}^{n_{q,h}} k_{i,q,h} \atop n_{q,h} \right)^{2}} \left[\frac{\sum_{i=1}^{n_{q,h}} \left(d_{j,i,q,h}^{2} + \left(r_{c,j,h} \right)^{2} k_{i,q,h}^{2} - 2 r_{c,j,h} d_{j,i,q,h} k_{i,q,h} \right)}{n_{q,h} - 1} \right]$$

where $\hat{D}_{j,h}$ is total discarded pounds for species j in fleet h; $K_{q,h}$ is VTR total kept pounds of all species in quarter q and fleet h; $r_{c,j,h}$ is the combined ratio of species j in fleet h; $d_{j,i,q,h}$ is discards of species j from trip i in quarter q and fleet h; $k_{i,q,h}$ is kept pounds of all species on trip i in quarter q and fleet h; $N_{q,h}$ is the number of VTR trips in quarter q and fleet h; $n_{q,h}$ is the number of observed trips in quarter q and fleet h.

Standard Error of the discard estimate for species *j* in fleet *h* is defined as:

(4)
$$SE(\hat{D}_{j,h}) = \sqrt{V(\hat{D}_{j,h})}$$

Coefficient of variation (CV) of $\hat{D}_{j,h}$ for species j in fleet h is defined as:

(5)
$$CV(\hat{D}_{j,h}) = \frac{\sqrt{V(\hat{D}_{j,h})}}{\hat{D}_{j,h}}$$

Total discarded pounds of species *j* over all fleets, *h*, from 1 to *H* fleets, is defined as:

(6)
$$\hat{D}_{T,j} = \sum_{h=1}^{H} \hat{D}_{j,h}$$

Variance of $\hat{D}_{T,i}$ for species j over all fleets is defined as:

(7)
$$V(\hat{D}_{T,j}) = \sum_{h=1}^{H} V(\hat{D}_{j,h}) + \sum_{h=1}^{H} \sum_{k \neq h} Cov(\hat{D}_{j,h}, \hat{D}_{j,k})$$

where the covariance term equals 0 (fleets are independent; nonoverlapping strata).

CV of $\hat{D}_{T,j}$ for species j over all fleets is defined as:

(8)
$$CV(\hat{D}_{T,j}) = \frac{\sqrt{V(\hat{D}_{T,j})}}{\hat{D}_{T,j}}$$

The number of sea days and trips needed to achieve a 30% CV is derived based on the variance of the total discards for species j in fleet h by using the combined ratio method and the d/k discard ratio (Eq. 3).

From Eq. 3, let

(9)
$$\hat{S}_{j,q,h}^2 = \left[\frac{\sum_{i=1}^{n_{q,h}} \left(d_{j,i,q,h}^2 + \left(r_{c,j,h} \right)^2 k_{i,q,h}^2 - 2r_{c,j,h} \ d_{j,i,q,h} k_{i,q,h} \right)}{n_{q,h} - 1} \right] \quad \text{and} \quad$$

(10)
$$\delta_{q,h} = \frac{n_{q,h}}{\sum_{q=1}^{Q} n_{q,h}}$$

where $\delta_{q,h}$ is the fraction of the trips in quarter q in fleet h; $r_{c,j,h}$ is the combined annual ratio of species j in fleet h; $d_{j,i,q,h}$ is discards of species j from trip i in quarter q in fleet h; $k_{i,q,h}$ is kept pounds of all species on trip i in quarter q in fleet h; and $n_{q,h}$ is the number of observed trips in quarter q in fleet h. The $r_{c,j,h}$ in Eq. 9 is defined in Eq. 2 where the summation is over quarters within a given fleet defined by gear, region, access area, trip type, and so forth.

The number of trips necessary to achieve a 30% CV based on the variance of the composite annual total discards for species group j in fleet h is defined as:

(11)
$$\hat{T}D_{30j,h} = \frac{\sum_{q=1}^{Q} \left(\frac{K_{q,h}^{2}}{\overline{k}_{q,h}^{2}} \hat{S}_{j,q,h}^{2} \frac{1}{\delta_{q,h}} \right)}{(0.09)\hat{D}_{j,h}^{2} + \frac{\sum_{q=1}^{Q} \frac{K_{q,h}^{2}}{\overline{k}_{q,h}^{2}} \hat{S}_{j,q,h}^{2}}{N_{h}}}$$

where $0.09 = 0.30^2$, the square of the 30% CV, the given precision level.

The number of sea days necessary to achieve a 30% CV based on the variance of the composite annual total discards for species group j in fleet h is defined as:

(12)
$$\hat{S}D_{30,i,h} = \hat{T}D_{30,i,h} * \overline{DA_h}$$

where \overline{DA}_h is the weighted average trip length of VTR trips in fleet h (weighted by the number of VTR trips in each quarter).

When total discards could not be estimated because of little or no observer coverage (no data) or when total discards are 0 (no variance), sample size was determined by pilot coverage, where 2% of the quarterly VTR trips for a fleet were multiplied by the quarterly mean VTR trip length.

(13)
$$\hat{S}_{30,j,h,q} = \hat{T}_{h,q} * \overline{DA}_{h,q}$$

where $\hat{T}_{h,q}$ is 2% of the VTR trips in fleet h and quarter q, and $3 <= \hat{T}_{h,q} <= 100$ trips; $\overline{DA}_{h,q}$ is the average trip length of VTR trips in fleet h and quarter q. If there were fewer than 3 VTR trips in fleet h and quarter q, then pilot coverage was set to 0 for that fleet and quarter. The quarterly trips and sea days were then summed for annual number of trips and sea days.

The achieved precision resulting from the number of funded sea days can be derived by converting funded sea days into funded trips. The number of funded trips, $\hat{T}F_h$ for fleet h is defined as:

(14)
$$\hat{T}F_h = \hat{S}F_h / \overline{DA}$$

where $\hat{S}F_h$ is the number of funded sea days in fleet h, and $\overline{D}\overline{A}_h$ is the weighted average trip length of VTR trips in fleet h (weighted by the number of VTR trips in each quarter).

The achieved CV of \hat{D}_{j} is based on the variance of the composite annual total discards for species group j in fleet h and the number of funded trips in fleet h and rewriting Eq. 11.

From Eq. 11, let

$$(15) \quad CV(\hat{D}_{j,h}) = \sqrt{\frac{\sum_{q=1}^{Q} \left(\frac{K_{q,h}^{2}}{\bar{k}_{q,h}^{2}} \hat{S}_{j,q,h}^{2} \frac{1}{\delta_{q,h}}\right) - \hat{T}F_{h}} \frac{\sum_{q=1}^{Q} \left(\frac{K_{q,h}^{2}}{\bar{k}_{q,h}^{2}} \hat{S}_{j,q,h}^{2}\right)}{N_{h}}}{\hat{T}F_{h} * \hat{D}_{j,h}^{2}}$$

Appendix Table 1. The number of fleets used in 2024 analyses and reported in the tables of this report.

```
58 fleets uniquely identified in Tables 2 & 3
   21 fleets with no observer coverage
      discard estimation not conducted
      pilot fleet designation for sample size analysis
       8 confidential fleets (Rows 9,12,16,17,21,26,49,54)
            aggregated into "Confidential fleets" in Tables 4 & 5
       13 nonconfidential fleets
   5 fleets with sparse observer coverage
      discard estimation conducted
      pilot fleet designation for sample size analysis
       1 confidential fleet (Row 11)
            aggregated into "Other Minor Fleets" in Tables 4 \& 5
            (This is the only confidential fleet with some observer
            data, therefore this fleet cannot be aggregated into
            "Confidential fleets")
        4 nonconfidential fleets
   32 fleets with sufficient observer coverage
      discard estimation conducted
      variance of discard used for sample size analysis
      nonpilot fleets
       0 confidential fleets
            aggregated into "Confidential Fleets" in Tables 4 & 5
       32 nonconfidential fleets
Other minor fleets
    not uniquely identified
    aggregated into "Other minor fleets" in Tables 4 & 5
```

Appendix Table 2. Discard reason categories used in Appendix Tables 3A and 3B and the associated discard fish dispositions. Fish disposition descriptions taken directly from the Observer Database System.

| Discard Reason Category | FISH DISPOSITIION Code | FISH DISPOSITIION Description |
|----------------------------|------------------------------|--|
| | 001 | NO MARKET, REASON NOT SPECIFIED |
| | 002 | NO MARKET, TOO SMALL |
| | 003 | NO MARKET, TOO LARGE |
| | 005 | NO MARKET, WONT KEEP UNTIL TRIP END |
| No Market | 006 | NO MARKET, BUT RETAINED BY VESSEL FOR ALTERNATE PROGRAM |
| | 007 | NO MARKET, BUT RETAINED FOR OBSERVER FOR SCIENTIFIC PURPOSES |
| | 008 | NO MARKET, BROUGHT ONBOARD ONLY FOR THE PURPOSE OF OBSERVER SAMPLING |
| Damilatian (Gina) | 012 | REGULATIONS PROHIBIT RETENTION, TOO SMALL |
| Regulation (Size) | 013 | REGULATIONS PROHIBIT RETENTION, TOO LARGE |
| | 004 | NO MARKET, QUOTA FILLED |
| Danulation (Ouata) | 014 | REGULATIONS PROHIBIT RETENTION, QUOTA FILLED |
| Regulation (Quota) | 015 | REGULATIONS PROHIBIT RETENTION, NO QUOTA IN AREA |
| | 025 | REGULATIONS PROHIBIT ANY RETENTION |
| | 009 | DISCARDED, FEMALE |
| | 011 | REGULATIONS PROHIBIT RETENTION, REASON NOT SPECIFIED |
| Regulation (Other) | 022 | REGULATIONS PROHIBIT RETENTION, V-NOTCHED |
| | 023 | REGULATIONS PROHIBIT RETENTION, SOFT-SHELL |
| | 024 | REGULATIONS PROHIBIT RETENTION, WITH EGGS |
| | 030 | POOR QUALITY, GREY MEAT/PARASITES OBSERVED |
| | 031 | POOR QUALITY, REASON NOT SPECIFIED |
| | 032 | POOR QUALITY, SANDFLEA DAMAGE |
| | 033 | POOR QUALITY, SEAL DAMAGE |
| Poor Quality | 034 | POOR QUALITY, SHARK DAMAGE |
| | 035 | POOR QUALITY, CETACEAN DAMAGE |
| | 036 | POOR QUALITY, HAGFISH DAMAGE |
| | 037 | POOR QUALITY, SHELL DISEASE |
| | 038 | POOR QUALITY, GEAR DAMAGE |
| | 000 | DISCARDED, UNKNOWN REASON |
| | 040 | NOT BROUGHT ON BOARD, OPERATIONAL DISCARDS |
| Other | 041 | NOT BROUGHT ON BOARD, REASON NOT SPECIFIED |
| | 042 | NOT BROUGHT ON BOARD, GEAR DAMAGE PREVENTED CAPTURE |

| Discard Reason Category | FISH DISPOSITIION Code | FISH DISPOSITIION Description |
|----------------------------|------------------------------|--|
| | 043 | NOT BROUGHT ON BOARD, FELL OUT/OFF OF GEAR |
| | 044 | NOT BROUGHT ON BOARD, CONSIDERED TO HAVE NO MARKET VALUE |
| | 045 | NOT BROUGHT ON BOARD, SAFETY REASON |
| | 046 | NOT BROUGHT ON BOARD, MECHANICAL FAILURE |
| | 047 | NOT BROUGHT ON BOARD, SPINY DOG CLOGGING PUMP |
| | 048 | NOT BROUGHT ON BOARD, VESSEL CAPACITY FILLED |
| | 049 | NOT BROUGHT ON BOARD, NOT ENOUGH FISH TO PUMP ABOARD |
| | 052 | INCIDENTAL TAKE (MAMMAL, SEA TURTLE, SEA BIRD) |
| | 053 | DEBRIS |
| | 054 | EMPTY SHELLS |
| | 062 | UPGRADED |
| | 063 | RETAINING ONLY CERTAIN SIZE BETTER PRICE TRIP QUOTA IN EFFECT |
| | 064 | RETAINING ONLY CERTAIN SIZE FOR BEST PRICE DUE TO PRICE DIFFERENCE |
| | 070 | NOT BROUGHT ON BOARD, QUALITY OF FISH |
| | 071 | NOT BROUGHT ON BOARD, CLOGGED PUMP OTHER |
| | 099 | DISCARDED, OTHER |

Note: Fish disposition codes "039" = POOR QUALITY, PREVIOUSLY DISCARDED and "090" = DISCARDED BY OBSERVER, INTENDED KEPT CATCH have been excluded from this report.

Appendix Table 3A. Estimated discards (live lb) and percentage by discard reason category for 14 species groups, based on July 2022 through June 2023 data. See Table 1A for fleet stratification abbreviations.

Species Group: ATLANTIC HERRING (Clupea harengus)

| | Fleet | | | Percen | tage by Discar | rd Reason Cat | egory | | |
|---------------|--|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row Gear Type | Access Trip Region Mesh Area Category Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| | 36 Other fleets filtered out | 14,535 | 91.5 | 0.0 | 0.3 | 0.0 | 0.0 | 8.2 | 100.0 |
| | Total | 14,535 | 91.5 | 0.0 | 0.3 | 0.0 | 0.0 | 8.2 | 100.0 |

Species Group: ATLANTIC SALMON (Salmo salar) - No Discards

Species Group: BLUEFISH (Pomatomus saltatrix)

| | Fleet | | | Percen | tage by Discar | rd Reason Cat | egory | | |
|---------------|--|-----------|-----------|----------------------|--------------------|-----------------------|-----------------|-------|-------|
| Row Gear Type | Access Trip Region Mesh Area Category Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| | 36 Other fleets filtered out | 22,080 | 62.5 | 1.5 | 19.2 | 0.0 | 10.9 | 6.0 | 100.0 |
| | Total | 22,080 | 62.5 | 1.5 | 19.2 | 0.0 | 10.9 | 6.0 | 100.0 |

Species Group: FLUKE (Paralichthys dentatus) - SCUP (Stenotomus chrysops) - BLACK SEA BASS (Centropristis striata)

| | | Fleet | | | | | Percentage by Discard Reason Category | | | | | | |
|-----|-------------|---------------------|------------------|--------|---------------|-----------|---------------------------------------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 1,717,396 | 39.9 | 52.4 | 6.7 | 0.0 | 0.2 | 0.9 | 100.0 |
| 6 | Otter Trawl | OPEN | all | MA | lg | 870,271 | 46.8 | 40.5 | 8.7 | 0.0 | 2.7 | 1.3 | 100.0 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 4,076,630 | 40.2 | 43.5 | 13.1 | 0.0 | 0.1 | 3.1 | 100.0 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 470,688 | 48.8 | 38.4 | 11.7 | 0.0 | 0.2 | 1.0 | 100.0 |
| | | 32 Other fleets fil | ltered out | | | 1,148,098 | 39.7 | 46.6 | 11.0 | 0.0 | 1.2 | 1.5 | 100.0 |
| | | | | | Total | 8,283,084 | 41.3 | 45.1 | 10.9 | 0.0 | 0.5 | 2.1 | 100.0 |

Species Group: LARGE MESH GROUNDFISH

| | Fle | et | | | | | Percentage by Discard Reason Category | | | | | | | |
|-----|-------------------------|----------------|------------------|--------|---------------|-----------|---------------------------------------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|--|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 192,562 | 9.3 | 19.5 | 69.9 | 1.1 | 0.0 | 0.3 | 100.0 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 2,330,212 | 6.0 | 85.6 | 7.9 | 0.0 | 0.4 | 0.1 | 100.0 | |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 467,164 | 79.5 | 0.0 | 20.5 | 0.0 | 0.0 | 0.0 | 100.0 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 313,309 | 68.5 | 0.7 | 20.4 | 8.6 | 0.0 | 1.8 | 100.0 | |
| | 32 Other f | fleets fil | tered out | | | 754,157 | 34.9 | 22.2 | 37.5 | 0.3 | 3.6 | 1.6 | 100.0 | |
| | | | | | Total | 4,057,404 | 24.8 | 54.3 | 18.7 | 0.8 | 0.9 | 0.5 | 100.0 | |

Species Group: MONKFISH (Lophius americanus)

| | Flee | t | | | | | | Percent | tage by Discar | rd Reason Cat | egory | | |
|-----|------------------------------|----------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Rov | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 110,424 | 44.8 | 38.4 | 16.8 | 0.0 | 0.0 | 0.0 | 100.0 |
| 6 | Otter Trawl | OPEN | all | MA | lg | 306,003 | 52.0 | 16.7 | 30.3 | 0.0 | 0.0 | 1.0 | 100.0 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 120,800 | 14.2 | 48.6 | 20.7 | 0.0 | 0.0 | 16.5 | 100.0 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 896,472 | 13.7 | 86.3 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 129,497 | 1.7 | 1.3 | 0.0 | 0.0 | 96.9 | 0.1 | 100.0 |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 355,939 | 95.4 | 2.6 | 1.5 | 0.0 | 0.4 | 0.1 | 100.0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 1,583,744 | 97.2 | 0.0 | 2.8 | 0.0 | 0.0 | 0.0 | 100.0 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 121,216 | 86.9 | 10.6 | 2.5 | 0.0 | 0.0 | 0.0 | 100.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 3,060,240 | 97.4 | 0.0 | 2.6 | 0.0 | 0.0 | 0.0 | 100.0 |
| | 27 Other fl | eets fil | ltered out | : | | 374,519 | 86.2 | 8.8 | 3.3 | 0.0 | 1.6 | 0.1 | 100.0 |
| | | | | | Total | 7,058,855 | 79.9 | 13.9 | 4.0 | 0.0 | 1.9 | 0.3 | 100.0 |

Species Group: RED DEEPSEA CRAB (Chaceon quinquedens)

| | Fle | eet | | | | | | Percent | age by Disca | rd Reason Cate | gory | | |
|-----|----------------------|----------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 216,299 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | 1,202,398 | 34.1 | 1.8 | 5.9 | 58.2 | 0.0 | 0.0 | 100.0 |
| | 34 Other | fleets fil | tered out | t | | 16,141 | 99.7 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 100.0 |
| | | | | | Total | 1,434,838 | 44.8 | 1.5 | 4.9 | 48.8 | 0.0 | 0.0 | 100.0 |

Species Group: SEA SCALLOP (Placopecten magellanicus)

| | | Fleet | | | | | | Percent | tage by Disca | rd Reason Cat | egory | | |
|-----|-----------------|---------------------|------------------|--------|---------------|------------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 3,569,530 | 88.9 | 0.0 | 6.1 | 0.0 | 1.7 | 3.2 | 100.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 7,152,911 | 92.3 | 0.0 | 0.0 | 0.0 | 7.4 | 0.2 | 100.0 |
| | | 34 Other fleets fil | tered out | : | | 2,286,738 | 55.9 | 0.4 | 26.9 | 0.3 | 6.0 | 10.5 | 100.0 |
| | | | | | Total | 13,009,179 | 85.0 | 0.1 | 6.4 | 0.0 | 5.6 | 2.9 | 100.0 |

Species Group: SKATE COMPLEX (Rajidae)

| | Fleet | : | | | | | | Percent | tage by Discar | rd Reason Cat | egory | | |
|-----|--------------------------------|----------------|------------------|--------|---------------|------------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 4,998,490 | 91.7 | 0.0 | 8.3 | 0.0 | 0.0 | 0.0 | 100.0 |
| 6 | Otter Trawl | OPEN | all | MA | lg | 8,913,393 | 92.5 | 0.7 | 4.1 | 0.0 | 0.0 | 2.7 | 100.0 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 3,863,380 | 76.0 | 0.0 | 23.9 | 0.0 | 0.0 | 0.0 | 100.0 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 8,026,863 | 88.4 | 0.2 | 9.8 | 0.0 | 0.0 | 1.6 | 100.0 |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 388,478 | 98.2 | 0.0 | 0.3 | 0.0 | 0.0 | 1.5 | 100.0 |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 1,355,572 | 14.5 | 0.2 | 36.5 | 0.1 | 45.7 | 3.0 | 100.0 |
| 37 | Dredge, Scallop | AA | GEN | NE | all | 473,380 | 88.3 | 0.0 | 11.7 | 0.0 | 0.0 | 0.0 | 100.0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 7,341,503 | 99.1 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 | 100.0 |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | 746,160 | 96.3 | 0.0 | 3.6 | 0.0 | 0.0 | 0.1 | 100.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 7,826,202 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | 26 Other fle | ets fil | tered out | | | 2,047,946 | 86.4 | 0.0 | 3.5 | 0.0 | 1.3 | 8.7 | 100.0 |
| | Total | | | | | 45,981,368 | 90.1 | 0.2 | 7.0 | 0.0 | 1.4 | 1.3 | 100.0 |

Species Group: SMALL MESH GROUNDFISH

| | Fle | et | | | | | Percentage by Discard Reason Category | | | | | | | |
|-----|-------------------------|----------------|------------------|--------|---------------|-----------|---------------------------------------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|--|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 2,941,216 | 50.9 | 2.5 | 44.5 | 0.0 | 1.3 | 0.9 | 100.0 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 1,152,901 | 94.0 | 1.7 | 0.0 | 2.0 | 2.3 | 0.0 | 100.0 | |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 159,289 | 98.4 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 100.0 | |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 344,747 | 98.3 | 0.0 | 1.7 | 0.1 | 0.0 | 0.0 | 100.0 | |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 393,251 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| | 31 Other | fleets fil | tered out | | | 490,856 | 92.7 | 0.8 | 1.0 | 0.0 | 5.4 | 0.0 | 100.0 | |
| | | | | | Total | 5,482,259 | 71.6 | 1.7 | 24.1 | 0.4 | 1.7 | 0.5 | 100.0 | |

Species Group: SPINY DOGFISH (Squalus acanthias)

| | Fleet | | | | | | | Percent | tage by Discar | d Reason Cat | egory | | |
|-----|--------------------------------|----------------|------------------|----------|---------------|------------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 3,029,659 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 6 | Otter Trawl | OPEN | all | MA | lg | 2,714,509 | 99.7 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 100.0 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 1,377,009 | 91.0 | 0.0 | 9.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 2,828,796 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 104,640 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | 176,957 | 98.3 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 100.0 |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lg | 136,005 | 31.6 | 0.0 | 8.9 | 0.0 | 51.9 | 7.6 | 100.0 |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 642,140 | 99.6 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 100.0 |
| | 28 Other fle | ets fil | tered out | <u> </u> | | 491,824 | 91.5 | 0.0 | 0.1 | 0.0 | 3.2 | 5.3 | 100.0 |
| | | | | 1 | Total | 11,501,541 | 97.6 | 0.0 | 1.2 | 0.0 | 0.8 | 0.3 | 100.0 |

Species Group: SQUID (Doryteuthis [Amerigo] pealeii, Illex illecebrosus) - BUTTERFISH (Peprilus triacanthus) - MACKEREL (Scomber colias, Scomber scombrus)

| | | Fleet | | | | | | Percent | tage by Discar | rd Reason Cat | egory | | |
|-----|-------------|---------------------|------------------|--------|---------------|------------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 2,318,140 | 81.8 | 6.5 | 8.2 | 0.0 | 0.5 | 3.0 | 100.0 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 7,476,337 | 93.7 | 5.3 | 0.1 | 0.0 | 0.5 | 0.5 | 100.0 |
| | | 34 Other fleets fil | | | 1,233,001 | 96.9 | 0.5 | 1.2 | 0.0 | 0.3 | 1.1 | 100.0 | |
| | | | | | Total | 11,027,479 | 91.6 | 5.0 | 1.9 | 0.0 | 0.4 | 1.1 | 100.0 |

Species Group: SURFCLAM (Spisula solidissima) - OCEAN QUAHOG (Arctica islandica)

| | Fleet | | | Percent | tage by Disca | rd Reason Cate | egory | | |
|---------------|--|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row Gear Type | Access Trip Region Mesh Area Category Group | | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| | 36 Other fleets filtered out | 3,326,031 | 89.7 | 0.0 | 9.5 | 0.7 | 0.0 | 0.0 | 100.0 |
| | Total | 3,326,031 | 89.7 | 0.0 | 9.5 | 0.7 | 0.0 | 0.0 | 100.0 |

Species Group: TILEFISH

| | Fleet | | | Percent | tage by Disca | rd Reason Cate | egory | | |
|---------------|------------------------------|------------------------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row Gear Type | | Mesh roup Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| | 36 Other fleets filtered out | 40,127 | 62.6 | 9.5 | 3.5 | 15.2 | 9.2 | 0.0 | 100.0 |
| | Tot | al 40,127 | 62.6 | 9.5 | 3.5 | 15.2 | 9.2 | 0.0 | 100.0 |

Appendix Table 3B. Estimated discards (live lb) and percentage by discard reason category for 26 individual species that compose the 14 species groups, based on July 2022 through June 2023 data. See Table 1A for fleet stratification abbreviations.

Species: BLACK SEA BASS (Centropristis striata)

| | Fle | et | | | | | | Perce | entage by Disca | rd Reason Catego | ry | | |
|-----|----------------------|----------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 238,832 | 5.7 | 69.8 | 22.7 | 0.0 | 0.1 | 1.7 | 100.0 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 510,255 | 28.9 | 38.3 | 28.7 | 0.0 | 0.0 | 4.1 | 100.0 |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | 165,284 | 0.0 | 97.2 | 0.0 | 0.0 | 2.8 | 0.0 | 100.0 |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | 160,539 | 0.0 | 88.8 | 5.5 | 0.0 | 0.0 | 5.8 | 100.0 |
| | 32 Other f | fleets fil | tered out | | | 216,425 | 12.9 | 45.9 | 31.5 | 0.1 | 0.1 | 9.4 | 100.0 |
| | | | | | Total | 1,291,335 | 14.6 | 59.2 | 21.5 | 0.0 | 0.4 | 4.2 | 100.0 |

Species: FLUKE (Paralichthys dentatus)

| | | Fleet | | | | | | Perce | entage by Discar | d Reason Categ | ory | | |
|-----|-----------------|---------------------|------------------|--------|---------------|-----------|-----------|----------------------|--------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 189,598 | 9.7 | 76.3 | 12.6 | 0.0 | 0.5 | 0.9 | 100.0 |
| 6 | Otter Trawl | OPEN | all | MA | lg | 299,359 | 0.6 | 79.5 | 12.2 | 0.0 | 7.7 | 0.0 | 100.0 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 383,762 | 13.8 | 36.3 | 47.9 | 0.0 | 0.3 | 1.8 | 100.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 253,264 | 86.3 | 0.0 | 13.7 | 0.0 | 0.0 | 0.0 | 100.0 |
| | | 32 Other fleets fil | tered out | | | 404,096 | 49.4 | 22.9 | 25.4 | 0.0 | 2.1 | 0.3 | 100.0 |
| | | | | | Total | 1,530,079 | 32.1 | 40.2 | 24.9 | 0.0 | 2.2 | 0.6 | 100.0 |

Species: SCUP (Stenotomus chrysops)

| | | Fleet | | | | | | Perce | entage by Discar | d Reason Categ | ory | | |
|-----|-------------|---------------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 1,288,966 | 51.0 | 45.4 | 2.7 | 0.0 | 0.2 | 0.8 | 100.0 |
| 6 | Otter Trawl | OPEN | all | MA | lg | 468,843 | 73.3 | 24.2 | 1.7 | 0.0 | 0.8 | 0.0 | 100.0 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 3,182,613 | 45.4 | 45.2 | 6.2 | 0.0 | 0.1 | 3.1 | 100.0 |
| | | 33 Other fleets fil | ltered out | 1 | | 521,247 | 50.2 | 47.7 | 0.9 | 0.0 | 0.4 | 0.8 | 100.0 |
| | | | | | Total | 5,461,669 | 49.6 | 43.7 | 4.5 | 0.0 | 0.2 | 2.1 | 100.0 |

Species: ACADIAN REDFISH (Sebastes fasciatus)

| | Fleet | | | Perce | entage by Discar | d Reason Categ | ory | | |
|---------------|--|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row Gear Type | Access Trip Region Mesh Area Category Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| | 36 Other fleets filtered out | 41,398 | 23.6 | 61.1 | 0.0 | 0.0 | 0.3 | 15.1 | 100.0 |
| | Total | 41,398 | 23.6 | 61.1 | 0.0 | 0.0 | 0.3 | 15.1 | 100.0 |

Species: AMERICAN PLAICE (Hippoglossoides platessoides)

| | | Fleet | | | | | | Perce | entage by Disca | rd Reason Catego | ory | | |
|-----|-----------------|---------------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 8 | Otter Trawl | OPEN | all | NE | lg | 111,238 | 0.0 | 99.5 | 0.0 | 0.0 | 0.3 | 0.2 | 100.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 40,316 | 97.7 | 0.0 | 2.3 | 0.0 | 0.0 | 0.0 | 100.0 |
| | | 34 Other fleets fil | tered out | | | 11,413 | 51.1 | 17.2 | 31.6 | 0.0 | 0.1 | 0.0 | 100.0 |
| | | | | | Total | 162,968 | 27.7 | 69.1 | 2.8 | 0.0 | 0.2 | 0.1 | 100.0 |

Species: ATLANTIC COD (Gadus morhua)

| | Fle | et | | | | | | Perce | entage by Discar | d Reason Categ | ory | | |
|-----|------------------------------|----------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|--------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 8 | Otter Trawl | OPEN | all | NE | lg | 12,020 | 0.0 | 99.3 | 0.7 | 0.0 | 0.0 | 0.0 | 100.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 25,466 | 59.4 | 0.0 | 40.6 | 0.0 | 0.0 | 0.0 | 100.0 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 184,350 | 50.8 | 0.0 | 34.7 | 14.6 | 0.0 | 0.0 | 100.0 |
| | 33 Other fleets filtered out | | | | | 25,990 | 16.8 | 11.6 | 53.9 | 0.3 | 17.1 | 0.3 | 100.0 |
| | | Total | 247,825 | 45.6 | 6.0 | 35.6 | 10.9 | 1.8 | 0.0 | 100.0 | | | |

Species: ATLANTIC HALIBUT (Hippoglossus hippoglossus)

| | Fleet | = | | | | | | Perce | entage by Disca | rd Reason Catego | ry | | |
|-----|--------------------------------|----------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 2 | Longline, Bottom | OPEN | all | NE | all | 12,087 | 0.0 | 35.5 | 0.0 | 0.0 | 0.0 | 64.5 | 100.0 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 17,251 | 0.0 | 83.3 | 14.7 | 0.0 | 0.0 | 2.1 | 100.0 |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | 2,256 | 0.0 | 63.9 | 36.1 | 0.0 | 0.0 | 0.0 | 100.0 |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lg | 5,559 | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlg | 23,179 | 0.0 | 73.2 | 9.9 | 0.0 | 9.2 | 7.8 | 100.0 |
| | 31 Other fl | eets fil | tered out | | | 1,881 | 39.9 | 24.7 | 35.5 | 0.0 | 0.0 | 0.0 | 100.0 |
| | | | | | Total | 62,213 | 1.2 | 69.3 | 10.1 | 0.0 | 3.4 | 16.0 | 100.0 |

Species: ATLANTIC WOLFFISH (Anarhichas lupus)

| | Fle | et | | | | | | Perce | entage by Discar | d Reason Categ | ory | | |
|-----|------------------------------|----------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 8 | Otter Trawl | OPEN | all | NE | lg | 44,968 | 21.1 | 0.0 | 78.9 | 0.0 | 0.0 | 0.0 | 100.0 |
| 19 | Otter Trawl, Haddock Separat | or OPEN | all | NE | lg | 3,629 | 1.2 | 0.0 | 98.8 | 0.0 | 0.0 | 0.0 | 100.0 |
| | 34 Other | : | | 775 | 0.0 | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 | 100.0 | | |
| | | 1 | Total | 49,371 | 19.3 | 0.0 | 80.7 | 0.0 | 0.0 | 0.0 | 100.0 | | |

Species: HADDOCK (Melanogrammus aeglefinus)

| | | Fleet | | | | | | Perce | entage by Disca | rd Reason Catego | ry | | |
|-----|-------------|----------------------|------------------|--------|---------------|-----------|-----------|----------------------|--------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 8 | Otter Trawl | OPEN | all | NE | lg | 1,597,711 | 0.0 | 99.7 | 0.0 | 0.0 | 0.3 | 0.0 | 100.0 |
| | | 35 Other fleets filt | tered out | | | 90,884 | 6.2 | 86.2 | 5.5 | 0.0 | 2.1 | 0.0 | 100.0 |
| | | | | | Total | 1,688,595 | 0.3 | 99.0 | 0.3 | 0.0 | 0.3 | 0.0 | 100.0 |

Species: OCEAN POUT (Zoarces americanus)

| | Flo | eet | | | | | | Perce | entage by Disca | rd Reason Catego | ry | | |
|-----|-------------------------|----------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 7 | Otter Trawl | OPEN | all | NE | sm | 3,004 | 42.0 | 0.0 | 58.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 109,067 | 87.7 | 0.0 | 12.3 | 0.0 | 0.0 | 0.0 | 100.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 9,401 | 94.5 | 0.0 | 5.3 | 0.0 | 0.2 | 0.0 | 100.0 |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | 6,404 | 2.9 | 0.0 | 97.1 | 0.0 | 0.0 | 0.0 | 100.0 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 18,599 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | 31 Other | tered out | | | 6,648 | 46.9 | 0.0 | 53.1 | 0.0 | 0.0 | 0.0 | 100.0 | |
| | | | | | Total | 153,122 | 83.4 | 0.0 | 16.6 | 0.0 | 0.0 | 0.0 | 100.0 |

Species: POLLOCK (Pollachius virens)

| | Fleet | | | Perc | entage by Discar | rd Reason Categ | ory | | |
|---------------|--|---------|-----------|----------------------|--------------------|-----------------------|-----------------|-------|-------|
| Row Gear Type | Access Trip Region Mes Area Category Grou | | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| | 36 Other fleets filtered out | 154,150 | 0.0 | 89.9 | 0.0 | 0.0 | 8.9 | 1.1 | 100.0 |
| | Total | 154,150 | 0.0 | 89.9 | 0.0 | 0.0 | 8.9 | 1.1 | 100.0 |

Species: WHITE HAKE (Urophycis tenuis)

| | Fle | et | | | | | | Perce | entage by Discar | d Reason Categ | ory | | |
|-----|------------------------------|------------------|-----|----|-------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Rov | Gear Type | Area Category Gr | | | | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 83,791 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | 35 Other fleets filtered out | | | | | 51,479 | 75.6 | 5.2 | 0.2 | 0.1 | 15.8 | 3.0 | 100.0 |
| | | | | | Total | 135,270 | 90.7 | 2.0 | 0.1 | 0.1 | 6.0 | 1.2 | 100.0 |

Species: WINDOWPANE FLOUNDER (Scophthalmus aquosus)

| | | Fleet | | | | | | Perce | entage by Disca | rd Reason Catego | ry | | |
|-----|-----------------|------------------------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 42,991 | 38.7 | 0.0 | 61.3 | 0.0 | 0.0 | 0.0 | 100.0 |
| 6 | Otter Trawl | OPEN | all | MA | lg | 93,963 | 21.5 | 0.0 | 78.5 | 0.0 | 0.0 | 0.0 | 100.0 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 36,451 | 24.2 | 0.0 | 75.8 | 0.0 | 0.0 | 0.0 | 100.0 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 121,727 | 7.7 | 0.0 | 91.9 | 0.4 | 0.0 | 0.0 | 100.0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 91,764 | 71.0 | 0.0 | 29.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 20,330 | 53.4 | 0.0 | 46.6 | 0.0 | 0.0 | 0.0 | 100.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 86,079 | 58.6 | 0.0 | 41.4 | 0.0 | 0.0 | 0.0 | 100.0 |
| | | 29 Other fleets filtered out | | | | 17,771 | 55.2 | 0.0 | 44.6 | 0.0 | 0.0 | 0.2 | 100.0 |
| | | | | | Total | 511,076 | 37.4 | 0.0 | 62.5 | 0.1 | 0.0 | 0.0 | 100.0 |

Species: WINTER FLOUNDER (Pseudopleuronectes americanus)

| | Flee | et | | | | | | Perce | entage by Discar | d Reason Categ | ory | | |
|-----|------------------------------|----------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 31,869 | 66.1 | 0.8 | 32.5 | 0.0 | 0.0 | 0.6 | 100.0 |
| 6 | Otter Trawl | OPEN | all | MA | lg | 10,805 | 19.9 | 34.0 | 46.1 | 0.0 | 0.0 | 0.0 | 100.0 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 120,672 | 3.1 | 7.6 | 87.5 | 1.7 | 0.0 | 0.0 | 100.0 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 44,047 | 4.1 | 60.3 | 35.6 | 0.0 | 0.0 | 0.0 | 100.0 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 19,019 | 74.6 | 0.0 | 25.4 | 0.0 | 0.0 | 0.0 | 100.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 233,321 | 87.8 | 0.0 | 12.2 | 0.0 | 0.0 | 0.0 | 100.0 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 12,289 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | 29 Other fleets filtered out | | | | | 24,827 | 65.1 | 0.4 | 33.8 | 0.3 | 0.4 | 0.0 | 100.0 |
| | | | | | Total | 496,850 | 55.6 | 8.0 | 35.9 | 0.4 | 0.0 | 0.0 | 100.0 |

Species: WITCH FLOUNDER (Glyptocephalus cynoglossus)

| | | Fleet | | | | | | Perce | entage by Disca | rd Reason Catego | ory | | |
|-----|-----------------|---------------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 32,902 | 92.3 | 1.9 | 5.9 | 0.0 | 0.0 | 0.0 | 100.0 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 67,759 | 0.0 | 99.9 | 0.0 | 0.0 | 0.1 | 0.0 | 100.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 49,870 | 85.3 | 0.0 | 14.7 | 0.0 | 0.0 | 0.0 | 100.0 |
| | | 33 Other fleets fil | tered out | | | 25,849 | 78.9 | 7.8 | 13.1 | 0.0 | 0.0 | 0.2 | 100.0 |
| | | | | | Total | 176,381 | 52.9 | 39.9 | 7.2 | 0.0 | 0.0 | 0.0 | 100.0 |

Species: YELLOWTAIL FLOUNDER (Limanda ferruginea)

| | | Fleet | | | | | | Perce | entage by Discar | d Reason Categ | ory | | |
|-----|-----------------|---------------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 8 | Otter Trawl | OPEN | all | NE | lg | 74,950 | 0.1 | 99.6 | 0.1 | 0.0 | 0.1 | 0.0 | 100.0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 46,963 | 52.1 | 0.0 | 44.3 | 3.6 | 0.0 | 0.0 | 100.0 |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | 17,675 | 25.7 | 0.0 | 74.3 | 0.0 | 0.0 | 0.0 | 100.0 |
| | | 33 Other fleets fil | | | 38,598 | 20.8 | 0.2 | 79.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| | | | | | Total | 178,187 | 20.9 | 41.9 | 36.2 | 0.9 | 0.1 | 0.0 | 100.0 |

Species: OFFSHORE HAKE (Merluccius albidus)

| | | Fleet | | | | | | Perce | entage by Disca | rd Reason Categ | ory | | |
|-----|-------------------|-----------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 | Otter Trawl | OPEN | all | MA | sm | 1,096 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 7 | Otter Trawl | OPEN | all | NE | sm | 7,354 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 602 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | 33 0 | ther fleets fil | ltered out | : | | 111 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | | | | | Total | 9,164 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |

Species: RED HAKE (Urophycis chuss)

| | Fle | et | | | | | | Perce | entage by Disca | rd Reason Catego | ry | | |
|-----|-------------------------|----------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 7 | Otter Trawl | OPEN | all | NE | sm | 992,730 | 72.2 | 2.1 | 25.7 | 0.0 | 0.0 | 0.0 | 100.0 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 460,402 | 94.3 | 0.0 | 0.0 | 5.6 | 0.1 | 0.0 | 100.0 |
| 39 | Dredge, Scallop | AA | LIM | NE | all | 144,434 | 98.3 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 | 100.0 |
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | 292,872 | 98.1 | 0.0 | 1.9 | 0.1 | 0.0 | 0.0 | 100.0 |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | 393,251 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | 31 Other f | leets fil | tered out | | | 229,657 | 98.1 | 0.1 | 1.7 | 0.0 | 0.1 | 0.0 | 100.0 |
| | | | | | Total | 2,513,346 | 87.5 | 0.9 | 10.6 | 1.0 | 0.0 | 0.0 | 100.0 |

Species: SILVER HAKE (Merluccius bilinearis)

| | | Fleet | | | | | | Perce | entage by Discar | d Reason Categ | ory | | |
|-----|-------------|---------------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 7 | Otter Trawl | OPEN | all | NE | sm | 1,941,132 | 39.5 | 2.7 | 54.5 | 0.0 | 1.9 | 1.4 | 100.0 |
| 8 | Otter Trawl | OPEN | all | NE | lg | 692,499 | 93.8 | 2.6 | 0.0 | 0.0 | 3.6 | 0.0 | 100.0 |
| | | 34 Other fleets fil | ltered out | = | | 326,118 | 91.5 | 1.2 | 0.4 | 0.0 | 6.8 | 0.0 | 100.0 |
| | | | | | Total | 2,959,749 | 58.0 | 2.5 | 35.8 | 0.0 | 2.9 | 0.9 | 100.0 |

Species: ATLANTIC CHUB MACKEREL (Scomber colias)

| | Fleet | | | | | | Perce | entage by Discar | rd Reason Categ | ory | | |
|---------------|---------------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 5 Otter Trawl | OPEN | all | MA | sm | 85,920 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| 7 Otter Trawl | OPEN | all | NE | sm | 28,201 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 |
| | 34 Other fleets fil | ltered ou | t | | 174 | 46.6 | 0.0 | 0.0 | 0.0 | 53.4 | 0.0 | 100.0 |
| | | | | Total | 114,295 | 99.9 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 100.0 |

Species: ATLANTIC MACKEREL (Scomber scombrus)

| | | Fleet | | | | | | Perce | entage by Disca | rd Reason Catego | ry | | |
|-----|-------------|---------------------|------------------|--------|---------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| 7 | Otter Trawl | OPEN | all | NE | sm | 118,836 | 99.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 100.0 |
| | | 35 Other fleets fil | tered out | | | 207,524 | 93.3 | 0.0 | 0.0 | 0.0 | 0.6 | 6.1 | 100.0 |
| | | | | | Total | 326,360 | 95.5 | 0.0 | 0.0 | 0.0 | 0.4 | 4.1 | 100.0 |

Species: BUTTERFISH (Peprilus triacanthus)

| | Fleet | | | | | | Percentage by Discard Reason Category | | | | | | | | | |
|-----|-------------------|----------------|------------------|--------|---------------|-----------|---------------------------------------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|--|--|--|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 1,575,094 | 81.3 | 6.1 | 8.4 | 0.0 | 0.0 | 4.1 | 100.0 | | | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 6,526,262 | 93.7 | 5.9 | 0.0 | 0.0 | 0.0 | 0.4 | 100.0 | | | |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | 289,281 | 99.1 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | | | |
| | 33 Other | fleets fil | tered out | | | 311,675 | 98.7 | 0.7 | 0.6 | 0.0 | 0.0 | 0.0 | 100.0 | | | |
| | | | | | Total | 8,702,313 | 91.8 | 5.6 | 1.6 | 0.0 | 0.0 | 1.0 | 100.0 | | | |

Species: LONGFIN INSHORE SQUID (Doryteuthis [Amerigo] pealeii)

| Fleet | | | | | | Percentage by Discard Reason Category | | | | | | | |
|---------------|---------------------|------------------|--------|---------------|-----------|---------------------------------------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|--|
| Row Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total | |
| 7 Otter Trawl | OPEN | all | NE | sm | 435,812 | 91.5 | 1.9 | 0.0 | 0.0 | 6.6 | 0.0 | 100.0 | |
| | 35 Other fleets fil | tered out | 2 | | 338,631 | 77.8 | 14.5 | 3.8 | 0.0 | 3.5 | 0.3 | 100.0 | |
| | | | | Total | 774,442 | 85.5 | 7.4 | 1.7 | 0.0 | 5.3 | 0.2 | 100.0 | |

Species: NORTHERN SHORTFIN SQUID (Illex illecebrosus)

| | Fleet | | | | | | | Percentage by Discard Reason Category | | | | | | | | | |
|-----|-------------------|----------------|------------------|--------|---------------|-----------|-----------|---------------------------------------|-----------------------|-----------------------|-----------------|-------|-------|--|--|--|--|
| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total | | | | |
| 5 | Otter Trawl | OPEN | all | MA | sm | 425,950 | 84.7 | 0.0 | 14.8 | 0.0 | 0.1 | 0.4 | 100.0 | | | | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 366,173 | 94.9 | 0.0 | 0.7 | 0.0 | 1.4 | 3.0 | 100.0 | | | | |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | 299,271 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | | | | |
| | 33 Other | fleets fil | ltered out | | | 17,255 | 98.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 100.0 | | | | |
| | | | | | Total | 1,108,648 | 92.4 | 0.0 | 6.0 | 0.0 | 0.5 | 1.1 | 100.0 | | | | |

Species: BLUELINE TILEFISH (Caulolatilus microps)

| | Fleet | | | Percentage by Discard Reason Category | | | | | | | |
|---------------|--|-----------|-----------|---------------------------------------|-----------------------|-----------------------|-----------------|-------|-------|--|--|
| Row Gear Type | Access Trip Region Mesh Area Category Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total | | |
| | 36 Other fleets filtered out | 6,693 | 82.0 | 16.8 | 1.2 | 0.0 | 0.0 | 0.0 | 100.0 | | |
| | Total | 6,693 | 82.0 | 16.8 | 1.2 | 0.0 | 0.0 | 0.0 | 100.0 | | |

Species: GOLDEN TILEFISH (Lopholatilus chamaeleonticeps)

| | Fleet | Percentage by Discard Reason Category | | | | | | | | |
|---------------|------------------------------------|---------------------------------------|-----------|-----------|----------------------|-----------------------|-----------------------|-----------------|-------|-------|
| Row Gear Type | Access Trip Regio Area Category | n Mesh Group | Discarded | No Market | Regulation (Size) | Regulation (Quota) | Regulation (Other) | Poor Quality | Other | Total |
| | 36 Other fleets filtered out | | 33,434 | 58.7 | 8.1 | 4.0 | 18.2 | 11.0 | 0.0 | 100.0 |
| | | Total | 33,434 | 58.7 | 8.1 | 4.0 | 18.2 | 11.0 | 0.0 | 100.0 |

Appendix Table 4. Fleet abbreviations used in Figures 1A, 1B, 2, and 3. Fleets that were filtered out through the importance filter and fleets designated as in need of pilot coverage have been aggregated into "Other fleets."

| Row | Fleet Row Gear Type | Access Area | Trip Category | Region | Mesh Group | Fleet Abbreviation |
|-----|---------------------------------|----------------|------------------|--------|---------------|------------------------------|
| 1 | Longline, Bottom | OPEN | all | MA | all | LLB MA (Row 1) |
| 2 | Longline, Bottom | OPEN | all | NE | all | LLB NE (Row 2) |
| 3 | Hand Line | OPEN | all | MA | all | HL MA (Row 3) |
| 4 | Hand Line | OPEN | all | NE | all | HL NE (Row 4) |
| 5 | Otter Trawl | OPEN | all | MA | sm | OT sm MA (Row 5) |
| 6 | Otter Trawl | OPEN | all | MA | lg | OT lg MA (Row 6) |
| 7 | Otter Trawl | OPEN | all | NE | sm | OT sm NE (Row 7) |
| 8 | Otter Trawl | OPEN | all | NE | lq | OT lg NE (Row 8) |
| 9 | Otter Trawl, LqMesh Belly Panel | OPEN | all | MA | lq | OTLMB lg MA (Row 9) |
| 10 | Otter Trawl, LqMesh Belly Panel | OPEN | all | NE | sm | OTLMB sm NE (Row 10) |
| 11 | Otter Trawl, LqMesh Belly Panel | OPEN | all | NE | lq | OTLMB lg NE (Row 11) |
| 12 | Otter Trawl, Scallop | OPEN | GEN | MA | lq | OTSC OPEN GEN 1q MA (Row 12) |
| 13 | Otter Trawl, Twin | OPEN | all | MA | sm | OTT sm MA (Row 13) |
| 14 | Otter Trawl, Twin | OPEN | all | MA | lq | OTT lg MA (Row 14) |
| 15 | Otter Trawl, Twin | OPEN | all | NE | sm | OTT sm NE (Row 15) |
| 16 | Otter Trawl, Twin | OPEN | all | NE | lg | OTT lg NE (Row 16) |
| 17 | Otter Trawl, Ruhle | OPEN | all | MA | lg | OTR lg MA (Row 17) |
| 18 | Otter Trawl, Ruhle | OPEN | all | NE | sm | OTR sm NE (Row 18) |
| 19 | Otter Trawl, Haddock Separator | OPEN | all | NE | lg | OTH lg NE (Row 19) |
| 20 | Otter Trawl, Shrimp | OPEN | all | MA | sm | OTSH sm MA (Row 20) |
| 21 | Otter Trawl, Shrimp | OPEN | all | NE | lg | OTTH lg NE (Row 21) |
| 22 | Otter Trawl, Other | OPEN | all | MA | sm | OTO sm MA (Row 22) |
| 23 | Otter Trawl, Other | OPEN | all | MA | lq | OTO lg MA (Row 23) |
| 24 | Otter Trawl, Other | OPEN | all | NE | sm | OTO sm NE (Row 24) |
| 25 | Otter Trawl, Other | OPEN | all | NE | lq | OTO lg NE (Row 25) |
| 26 | Floating Trap | OPEN | all | MA | all | FT MA (Row 26) |
| 27 | Floating Trap | OPEN | all | NE | all | FT NE (Row 27) |
| 28 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | sm | GN sm MA (Row 28) |
| 29 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | lq | GN lg MA (Row 29) |
| 30 | Gillnet, Sink, Anchor, Drift | OPEN | all | MA | xlq | GN xlg MA (Row 30) |
| 31 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | sm | GN sm NE (Row 31) |
| 32 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | lq | GN lg NE (Row 32) |
| 33 | Gillnet, Sink, Anchor, Drift | OPEN | all | NE | xlq | GN xlg NE (Row 33) |
| 34 | Purse Seine | OPEN | all | MA | all | PS MA (Row 34) |
| 35 | Purse Seine | OPEN | all | NE | all | PS NE (Row 35) |
| 36 | Dredge, Scallop | AA | GEN | MA | all | DRSC AA GEN MA (Row 36) |
| 37 | Dredge, Scallop | AA | GEN | NE | all | DRSC AA GEN NE (Row 37) |
| 38 | Dredge, Scallop | AA | LIM | MA | all | DRSC AA LIM MA (Row 38) |
| 39 | Dredge, Scallop | AA | LIM | NE | all | DRSC AA LIM NE (Row 39) |
| 40 | Dredge, Scallop | OPEN | GEN | MA | all | DRSC OPEN GEN MA (Row 40) |
| 41 | Dredge, Scallop | OPEN | GEN | NE | all | DRSC OPEN GEN NE (Row 41) |
| 42 | Dredge, Scallop | OPEN | LIM | MA | all | DRSC OPEN LIM MA (Row 42) |

| Row | Fleet Row Gear Type | Access Area | Trip Category | Region | Mesh Group | Fleet Abbreviation |
|-----|-------------------------------|----------------|------------------|--------|---------------|---------------------------|
| 43 | Dredge, Scallop | OPEN | LIM | NE | all | DRSC OPEN LIM NE (Row 43) |
| 44 | Trawl, Midwater | all | all | NE | sm | TMW all sm NE (Row 44) |
| 45 | Pots and Traps, Fish | OPEN | all | MA | all | PTF MA (Row 45) |
| 46 | Pots and Traps, Fish | OPEN | all | NE | all | PTF NE (Row 46) |
| 47 | Pots and Traps, Conch | OPEN | all | MA | all | PTC MA (Row 47) |
| 48 | Pots and Traps, Conch | OPEN | all | NE | all | PTC NE (Row 48) |
| 49 | Pots and Traps, Hagfish | OPEN | all | NE | all | PTH NE (Row 49) |
| 50 | Pots and Traps, Lobster | OPEN | all | MA | all | PTL MA (Row 50) |
| 51 | Pots and Traps, Lobster | OPEN | all | NE | all | PTL NE (Row 51) |
| 52 | Pots and Traps, Crab | OPEN | all | MA | all | PTCR MA (Row 52) |
| 53 | Pots and Traps, Crab | OPEN | all | NE | all | PTCR NE (Row 53) |
| 54 | Scottish Seine | OPEN | all | MA | sm | SS sm MA (Row 54) |
| 55 | Dredge, Other | OPEN | all | MA | all | DRO MA (Row 55) |
| 56 | Dredge, Other | OPEN | all | NE | all | DRO NE (Row 56) |
| 57 | Dredge, Ocean Quahog/Surfclam | OPEN | all | MA | all | DRC MA (Row 57) |
| 58 | Dredge, Ocean Quahog/Surfclam | OPEN | all | NE | all | DRC NE (Row 58) |
| | Other fleets filtered out | | | | | Other fleets |

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