

Appendix Table 1. Number of Northeast Fisheries Observer Program (NEFOP) and Vessel Trip Report (VTR) trips, by fleet and calendar quarter (Q) from July 2007 through June 2008 (SBRM 2009). "P" indicates fleets for which pilot coverage was assigned.

| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | NEFOP Fish set | | | | | NEFOP Protected Species set | | | | | VTR set | | | | | Pilot |
|-----|---------------------------------|-------------|---------------|--------|--------------|----------------|------------|------------|------------|--------------|-----------------------------|------------|------------|------------|--------------|---------------|---------------|---------------|---------------|----------------|-------|
| | | | | | | Q3 | Q4 | Q1 | Q2 | TOTAL | Q3 | Q4 | Q1 | Q2 | TOTAL | Q3 | Q4 | Q1 | Q2 | TOTAL | |
| 1 | Longline | OPEN | all | MA | all | 1 | 1 | . | 1 | 3 | 1 | 1 | . | 1 | 3 | 28 | 37 | 36 | 31 | 132 | P |
| 2 | Longline | OPEN | all | NE | all | 10 | 56 | 10 | 16 | 92 | 10 | 56 | 10 | 16 | 92 | 140 | 226 | 577 | 133 | 1,076 | |
| 3 | Hand Line | OPEN | all | MA | all | . | . | . | . | . | 1 | . | . | . | 1 | 1,625 | 894 | 181 | 884 | 3,584 | P |
| 4 | Hand Line | OPEN | all | NE | all | . | . | . | 3 | 3 | . | . | . | 3 | 3 | 1,267 | 276 | 197 | 354 | 2,094 | P |
| 5 | Otter Trawl | OPEN | all | MA | sm | 76 | 41 | 33 | 37 | 187 | 76 | 42 | 33 | 37 | 188 | 1,082 | 1,307 | 666 | 1,096 | 4,151 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 78 | 31 | 17 | 42 | 168 | 78 | 33 | 17 | 42 | 170 | 1,988 | 1,065 | 1,187 | 1,850 | 6,090 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 33 | 12 | 8 | 14 | 67 | 33 | 12 | 8 | 14 | 67 | 1,193 | 801 | 671 | 991 | 3,656 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 165 | 164 | 170 | 173 | 672 | 165 | 164 | 172 | 173 | 674 | 3,202 | 2,706 | 2,984 | 2,500 | 11,392 | |
| 9 | Scallop Trawl | AA | GEN | MA | all | . | . | 2 | 3 | 5 | . | . | 2 | 3 | 5 | 40 | 17 | 26 | 10 | 93 | P |
| 10 | Scallop Trawl | AA | LIM | MA | all | . | . | 1 | 1 | 2 | . | . | 1 | 1 | 2 | . | 1 | 6 | 7 | 14 | P |
| 11 | Scallop Trawl | OPEN | GEN | MA | all | . | . | . | 10 | 10 | . | . | . | 10 | 10 | 380 | 60 | 53 | 311 | 804 | P |
| 12 | Scallop Trawl | OPEN | LIM | MA | all | . | . | . | . | . | . | . | . | . | 35 | 36 | 6 | 7 | 84 | P | |
| 13 | Shrimp Trawl | OPEN | all | MA | all | . | . | . | . | . | . | . | . | . | 293 | 346 | 37 | 186 | 862 | P | |
| 14 | Shrimp Trawl | OPEN | all | NE | all | . | . | 16 | . | 16 | . | . | 16 | . | 16 | 19 | 363 | 2,252 | 72 | 2,706 | |
| 15 | Sink, Anchor, Drift Gillnet | OPEN | all | MA | sm | 11 | 3 | . | 1 | 15 | 111 | 100 | 37 | 65 | 313 | 786 | 478 | 275 | 421 | 1,960 | |
| 16 | Sink, Anchor, Drift Gillnet | OPEN | all | MA | lg | 3 | 7 | . | 2 | 12 | 16 | 28 | 16 | 19 | 79 | 158 | 322 | 135 | 224 | 839 | |
| 17 | Sink, Anchor, Drift Gillnet | OPEN | all | MA | xl | . | 10 | 12 | 11 | 33 | . | 44 | 31 | 45 | 120 | 148 | 1,088 | 516 | 1,154 | 2,906 | |
| 18 | Sink, Anchor, Drift Gillnet | OPEN | all | NE | sm | . | . | . | 3 | 3 | . | . | . | 3 | 3 | 68 | 4 | 3 | 5 | 80 | P |
| 19 | Sink, Anchor, Drift Gillnet | OPEN | all | NE | lg | 47 | 44 | 23 | 36 | 150 | 75 | 106 | 95 | 50 | 326 | 2,756 | 2,115 | 1,770 | 1,506 | 8,147 | |
| 20 | Sink, Anchor, Drift Gillnet | OPEN | all | NE | xl | 86 | 48 | 11 | 28 | 173 | 96 | 69 | 35 | 46 | 246 | 1,249 | 927 | 385 | 1,118 | 3,679 | |
| 21 | Purse Seine | OPEN | all | MA | all | . | 1 | . | . | 1 | . | 1 | . | . | 1 | 144 | 32 | . | 51 | 227 | P |
| 22 | Purse Seine | OPEN | all | NE | all | 8 | 2 | . | 10 | 20 | 8 | 2 | . | 12 | 22 | 231 | 62 | . | 50 | 343 | |
| 23 | Scallop Dredge | AA | GEN | MA | all | 2 | 3 | 68 | 79 | 152 | 2 | 3 | 68 | 79 | 152 | 86 | 40 | 330 | 460 | 916 | |
| 24 | Scallop Dredge | AA | GEN | NE | all | 29 | . | . | 46 | 75 | 29 | . | . | 46 | 75 | 120 | 5 | 2 | 63 | 190 | |
| 25 | Scallop Dredge | AA | LIM | MA | all | 18 | 7 | 16 | 29 | 70 | 18 | 7 | 16 | 29 | 70 | 77 | 70 | 93 | 169 | 409 | |
| 26 | Scallop Dredge | AA | LIM | NE | all | 34 | 26 | 27 | 40 | 127 | 34 | 26 | 27 | 40 | 127 | 117 | 51 | 49 | 96 | 313 | |
| 27 | Scallop Dredge | OPEN | GEN | MA | all | 9 | 7 | 2 | 7 | 25 | 9 | 7 | 2 | 8 | 26 | 2,887 | 1,477 | 1,667 | 2,648 | 8,679 | |
| 28 | Scallop Dredge | OPEN | GEN | NE | all | 6 | 1 | 2 | 1 | 10 | 6 | 1 | 2 | 1 | 10 | 1,400 | 584 | 559 | 1,012 | 3,555 | |
| 29 | Scallop Dredge | OPEN | LIM | MA | all | 13 | 11 | 6 | 19 | 49 | 13 | 11 | 6 | 19 | 49 | 344 | 266 | 281 | 452 | 1,343 | |
| 30 | Scallop Dredge | OPEN | LIM | NE | all | 23 | 11 | 19 | 24 | 77 | 23 | 11 | 19 | 24 | 77 | 570 | 345 | 291 | 431 | 1,637 | |
| 31 | Mid-water Paired & Single Trawl | OPEN | all | MA | all | . | . | 1 | . | 1 | . | . | 3 | . | 3 | . | . | 41 | 3 | 44 | P |
| 32 | Mid-water Paired & Single Trawl | OPEN | all | NE | all | . | 9 | 23 | 14 | 46 | 1 | 9 | 24 | 15 | 49 | 2 | 105 | 133 | 62 | 302 | |
| 33 | Pots and Traps, Fish | OPEN | all | MA | all | . | . | . | 2 | 2 | . | . | . | 2 | 2 | 429 | 419 | 74 | 361 | 1,283 | P |
| 34 | Pots and Traps, Fish | OPEN | all | NE | all | . | . | . | 1 | 1 | . | . | . | 1 | 1 | 515 | 179 | . | 154 | 848 | P |
| 35 | Pots and Traps, Conch | OPEN | all | MA | all | . | . | . | . | . | . | . | . | 1 | 1 | 89 | 287 | 129 | 136 | 641 | P |
| 36 | Pots and Traps, Conch | OPEN | all | NE | all | . | . | . | . | . | . | . | . | . | 272 | 238 | . | 169 | 679 | P | |
| 37 | Pots and Traps, Hagfish | OPEN | all | MA | all | 1 | . | 1 | 1 | 3 | 1 | . | 1 | 1 | 3 | 9 | . | 5 | 9 | 23 | P |
| 38 | Pots and Traps, Hagfish | OPEN | all | NE | all | . | . | 2 | 5 | 7 | . | . | 2 | 5 | 7 | 66 | 36 | 19 | 36 | 157 | |
| 39 | Pots and Traps, Lobster | OPEN | all | MA | all | . | . | . | . | . | . | . | . | . | . | 1,327 | 535 | 232 | 715 | 2,809 | P |
| 40 | Pots and Traps, Lobster | OPEN | all | NE | all | . | . | . | . | . | . | . | . | . | 13,437 | 9,344 | 2,298 | 4,135 | 29,214 | P | |
| 41 | Pots and Traps, Crab | OPEN | all | MA | all | . | . | . | 1 | 1 | . | . | . | 1 | 1 | 64 | 34 | 17 | 11 | 126 | P |
| 42 | Pots and Traps, Crab | OPEN | all | NE | all | . | . | . | . | . | . | . | . | . | 51 | 18 | 5 | 32 | 106 | P | |
| 43 | Ocean Quahog/Surf Clam Dredge | OPEN | all | MA | all | . | . | . | . | . | . | . | . | . | 1,040 | 850 | 844 | 991 | 3,725 | P | |
| 44 | Ocean Quahog/Surf Clam Dredge | OPEN | all | NE | all | . | . | . | . | . | . | . | . | . | 920 | 514 | 472 | 838 | 2,744 | P | |
| | | | | | Total | 653 | 495 | 470 | 660 | 2,278 | 806 | 733 | 643 | 812 | 2,994 | 40,654 | 28,560 | 19,504 | 25,944 | 114,662 | |

Appendix Table 2. Number of Northeast Fisheries Observer Program (NEFOP) and Vessel Trip Report (VTR) sea days, by fleet and calendar quarter (Q) from July 2007 through June 2008 (SBRM 2009). "P" indicates fleets for which pilot coverage was assigned.

| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | NEFOP Fish set | | | | | NEFOP Protected Species set | | | | | VTR set | | | | | Pilot |
|-----|---------------------------------|-------------|---------------|--------|--------------|----------------|-------------|-------------|-------------|--------------|-----------------------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|---------------|----------------|-------|
| | | | | | | Q3 | Q4 | Q1 | Q2 | TOTAL | Q3 | Q4 | Q1 | Q2 | TOTAL | Q3 | Q4 | Q1 | Q2 | TOTAL | |
| 1 | Longline | OPEN | all | MA | all | 10 | 13 | . | 12 | 35 | 10 | 13 | . | 12 | 35 | 228 | 288 | 389 | 286 | 1191 | P |
| 2 | Longline | OPEN | all | NE | all | 10 | 80 | 10 | 39 | 139 | 10 | 80 | 10 | 39 | 139 | 208 | 356 | 672 | 272 | 1,508 | |
| 3 | Hand Line | OPEN | all | MA | all | . | . | . | . | . | 1 | . | . | . | 1 | 1,881 | 999 | 184 | 916 | 3,980 | P |
| 4 | Hand Line | OPEN | all | NE | all | . | . | . | 11 | 11 | . | . | . | 11 | 11 | 1,350 | 303 | 197 | 367 | 2,217 | P |
| 5 | Otter Trawl | OPEN | all | MA | sm | 140 | 114 | 165 | 65 | 484 | 140 | 119 | 165 | 65 | 489 | 2,011 | 2,631 | 2509 | 1,713 | 8,864 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 115 | 67 | 68 | 67 | 317 | 115 | 73 | 68 | 67 | 323 | 3,018 | 1,797 | 3,905 | 2,811 | 11,531 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 63 | 24 | 48 | 28 | 163 | 63 | 24 | 48 | 28 | 163 | 2,138 | 1952 | 2605 | 1908 | 8,603 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 808 | 872 | 865 | 1052 | 3597 | 808 | 872 | 870 | 1052 | 3602 | 7,531 | 6,606 | 7,056 | 6,643 | 27,836 | |
| 9 | Scallop Trawl | AA | GEN | MA | all | . | . | 4 | 7 | 11 | . | . | 4 | 7 | 11 | 83 | 42 | 60 | 21 | 206 | P |
| 10 | Scallop Trawl | AA | LIM | MA | all | . | . | 5 | 4 | 9 | . | . | 5 | 4 | 9 | . | 4 | 37 | 37 | 78 | P |
| 11 | Scallop Trawl | OPEN | GEN | MA | all | . | . | . | 20 | 20 | . | . | . | 20 | 20 | 700 | 118 | 113 | 634 | 1565 | P |
| 12 | Scallop Trawl | OPEN | LIM | MA | all | . | . | . | . | . | . | . | . | . | . | 241 | 260 | 66 | 50 | 617 | P |
| 13 | Shrimp Trawl | OPEN | all | MA | all | . | . | . | . | . | . | . | . | . | . | 1408 | 1610 | 123 | 501 | 3642 | P |
| 14 | Shrimp Trawl | OPEN | all | NE | all | . | . | 16 | . | 16 | . | . | 16 | . | 16 | 19 | 365 | 2,291 | 118 | 2,793 | |
| 15 | Sink, Anchor, Drift Gillnet | OPEN | all | MA | sm | 11 | 3 | . | 1 | 15 | 111 | 104 | 37 | 68 | 320 | 811 | 496 | 292 | 431 | 2,030 | |
| 16 | Sink, Anchor, Drift Gillnet | OPEN | all | MA | lg | 3 | 7 | . | 3 | 13 | 16 | 28 | 16 | 20 | 80 | 158 | 325 | 153 | 248 | 884 | |
| 17 | Sink, Anchor, Drift Gillnet | OPEN | all | MA | xlg | . | 12 | 12 | 11 | 35 | . | 55 | 34 | 52 | 141 | 170 | 1,492 | 719 | 1,564 | 3,945 | |
| 18 | Sink, Anchor, Drift Gillnet | OPEN | all | NE | sm | . | . | . | 3 | 3 | . | . | 3 | 3 | 68 | 4 | 3 | 5 | 80 | P | |
| 19 | Sink, Anchor, Drift Gillnet | OPEN | all | NE | lg | 51 | 65 | 42 | 75 | 233 | 79 | 133 | 135 | 91 | 438 | 3,062 | 2,352 | 2,056 | 1,854 | 9,324 | |
| 20 | Sink, Anchor, Drift Gillnet | OPEN | all | NE | xlg | 94 | 77 | 36 | 50 | 257 | 107 | 104 | 90 | 87 | 388 | 1,483 | 1,221 | 829 | 1,957 | 5,490 | |
| 21 | Purse Seine | OPEN | all | MA | all | . | 1 | . | . | 1 | . | 1 | . | 1 | 157 | 32 | . | 63 | 252 | P | |
| 22 | Purse Seine | OPEN | all | NE | all | 19 | 4 | . | 23 | 46 | 19 | 4 | . | 27 | 50 | 502 | 131 | . | 126 | 759 | |
| 23 | Scallop Dredge | AA | GEN | MA | all | 6 | 9 | 136 | 167 | 318 | 6 | 9 | 136 | 167 | 318 | 119 | 67 | 567 | 750 | 1503 | |
| 24 | Scallop Dredge | AA | GEN | NE | all | 66 | . | . | 117 | 183 | 66 | . | . | 117 | 183 | 187 | 10 | 6 | 126 | 329 | |
| 25 | Scallop Dredge | AA | LIM | MA | all | 145 | 48 | 123 | 216 | 532 | 145 | 48 | 123 | 216 | 532 | 671 | 570 | 629 | 1361 | 3231 | |
| 26 | Scallop Dredge | AA | LIM | NE | all | 256 | 241 | 224 | 365 | 1086 | 256 | 241 | 224 | 365 | 1086 | 867 | 454 | 446 | 811 | 2578 | |
| 27 | Scallop Dredge | OPEN | GEN | MA | all | 14 | 10 | 6 | 9 | 39 | 14 | 10 | 6 | 12 | 42 | 4,166 | 2,450 | 2,893 | 3,995 | 13,504 | |
| 28 | Scallop Dredge | OPEN | GEN | NE | all | 12 | 1 | 5 | 2 | 20 | 12 | 1 | 5 | 2 | 20 | 2,269 | 1004 | 745 | 1,696 | 5,714 | |
| 29 | Scallop Dredge | OPEN | LIM | MA | all | 126 | 75 | 64 | 159 | 424 | 126 | 75 | 64 | 159 | 424 | 3230 | 2294 | 2195 | 3981 | 11,700 | |
| 30 | Scallop Dredge | OPEN | LIM | NE | all | 266 | 141 | 198 | 313 | 918 | 266 | 141 | 198 | 313 | 918 | 5917 | 3482 | 2898 | 4472 | 16,769 | |
| 31 | Mid-water Paired & Single Trawl | OPEN | all | MA | all | . | . | 5 | . | 5 | . | . | 11 | . | 11 | . | . | 200 | 26 | 226 | P |
| 32 | Mid-water Paired & Single Trawl | OPEN | all | NE | all | . | 39 | 111 | 52 | 202 | 4 | 39 | 119 | 54 | 216 | 8 | 353 | 599 | 259 | 1219 | |
| 33 | Pots and Traps, Fish | OPEN | all | MA | all | . | . | . | 2 | 2 | . | . | . | 2 | 2 | 443 | 431 | 77 | 369 | 1,320 | P |
| 34 | Pots and Traps, Fish | OPEN | all | NE | all | . | . | . | 1 | 1 | . | . | . | 1 | 1 | 526 | 188 | . | 156 | 870 | P |
| 35 | Pots and Traps, Conch | OPEN | all | MA | all | . | . | . | . | . | . | . | . | 1 | 1 | 89 | 301 | 129 | 136 | 655 | P |
| 36 | Pots and Traps, Conch | OPEN | all | NE | all | . | . | . | . | . | . | . | . | . | . | 287 | 238 | . | 169 | 694 | P |
| 37 | Pots and Traps, Hagfish | OPEN | all | MA | all | 6 | . | 8 | 9 | 23 | 6 | . | 8 | 9 | 23 | 80 | . | 72 | 109 | 261 | P |
| 38 | Pots and Traps, Hagfish | OPEN | all | NE | all | . | . | 7 | 14 | 21 | . | . | 7 | 14 | 21 | 203 | 130 | 109 | 208 | 650 | |
| 39 | Pots and Traps, Lobster | OPEN | all | MA | all | . | . | . | . | . | . | . | . | . | . | 1,562 | 724 | 291 | 866 | 3,443 | P |
| 40 | Pots and Traps, Lobster | OPEN | all | NE | all | . | . | . | . | . | . | . | . | . | . | 15,835 | 11,445 | 3,789 | 5,705 | 36,774 | P |
| 41 | Pots and Traps, Crab | OPEN | all | MA | all | . | . | . | 4 | 4 | . | . | . | 4 | 4 | 64 | 83 | 51 | 33 | 231 | P |
| 42 | Pots and Traps, Crab | OPEN | all | NE | all | . | . | . | . | . | . | . | . | . | . | 159 | 144 | 55 | 39 | 397 | P |
| 43 | Ocean Quahog/Surf Clam Dredge | OPEN | all | MA | all | . | . | . | . | . | . | . | . | . | . | 1,590 | 1343 | 1417 | 1771 | 6,122 | P |
| 44 | Ocean Quahog/Surf Clam Dredge | OPEN | all | NE | all | . | . | . | . | . | . | . | . | . | . | 810 | 468 | 385 | 656 | 2,318 | P |
| | | | | | Total | 2221 | 1903 | 2158 | 2901 | 9,183 | 2380 | 2174 | 2399 | 3089 | 10,042 | 66,309 | 49,563 | 41,812 | 50,219 | 207,903 | |

Appendix Table 3. The number of sea days needed to achieve a 30% CV based on the variance of the total composite discard for each the 15 SBRM species groups, and 2009 SBRM standard sea days (the maximum number of sea days needed for each fleet) based on July 2007 through June 2008 data (SBRM 2009). Red font indicates basis for fleet sea days; species group abbreviation are given in Table 1. “P” indicates fleets for which pilot coverage was assigned. * indicates that pilot days were used to maintain fleet coverage.

| Row | Gear Type | Access Area | Trip Category | Region | Mesh Group | BLUE | HERR | SAL | RCRAB | SCAL | SBM | MONK | GFL | GFS | SKATE | DOG | FSB | SCOQ | TILE | TURS | 2009 SBRM Sea Day Standard | Pilot |
|-------|---------------------------------|-------------|---------------|--------|------------|------|------|-----|-------|------|-----|-------|-------|-------|-------|-------|-------|------|------|-------|----------------------------|-------|
| 1 | Longline | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 108 | 108 | P |
| 2 | Longline | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 456 | 0 | 0 | 0 | 31 | 456 | |
| 3 | Hand Line | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 80 | P |
| 4 | Hand Line | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 44 | P |
| 5 | Otter Trawl | OPEN | all | MA | sm | 0 | 0 | 0 | 0 | 0 | 0 | 623 | 0 | 1,242 | 294 | 623 | 456 | 0 | 0 | 1,495 | 1,495 | |
| 6 | Otter Trawl | OPEN | all | MA | lg | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 651 | 0 | 106 | 282 | 272 | 0 | 0 | 1,459 | 1,459 | |
| 7 | Otter Trawl | OPEN | all | NE | sm | 0 | 0 | 0 | 0 | 0 | 303 | 0 | 961 | 249 | 1,408 | 1,448 | 4,027 | 0 | 0 | 172 | 4,027 | |
| 8 | Otter Trawl | OPEN | all | NE | lg | 0 | 0 | 0 | 0 | 0 | 0 | 107 | 74 | 1,233 | 56 | 224 | 215 | 0 | 0 | 557 | 1,233 | |
| 9 | Scallop Trawl | AA | GEN | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 27 | P |
| 10 | Scallop Trawl | AA | LIM | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 46 | P |
| 11 | Scallop Trawl | OPEN | GEN | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 39 | P |
| 12 | Scallop Trawl | OPEN | LIM | MA | all | 97 | 0 | 0 | 0 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 0 | 0 | 97 | 97 | P |
| 13 | Shrimp Trawl | OPEN | all | MA | all | 0 | 80 | 0 | 0 | 0 | 80 | 80 | 80 | 80 | 80 | 0 | 80 | 0 | 0 | 80 | 80 | P |
| 14 | Shrimp Trawl | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 61 | |
| 15 | Sink, Anchor, Drift Gillnet | OPEN | all | MA | sm | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,155 | 1,155 | |
| 16 | Sink, Anchor, Drift Gillnet | OPEN | all | MA | lg | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 0 | 0 | 0 | 18 | 139 | |
| 17 | Sink, Anchor, Drift Gillnet | OPEN | all | MA | xlg | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 1,273 | 1,273 | |
| 18 | Sink, Anchor, Drift Gillnet | OPEN | all | NE | sm | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 12 | P |
| 19 | Sink, Anchor, Drift Gillnet | OPEN | all | NE | lg | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 51 | 0 | 0 | 0 | 187 | 187 | |
| 20 | Sink, Anchor, Drift Gillnet | OPEN | all | NE | xlg | 0 | 0 | 0 | 0 | 0 | 0 | 171 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 110 | 171 | |
| 21 | Purse Seine | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | P |
| 22 | Purse Seine | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 24 | |
| 23 | Scallop Dredge | AA | GEN | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | * |
| 24 | Scallop Dredge | AA | GEN | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | * |
| 25 | Scallop Dredge | AA | LIM | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 271 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 271 | |
| 26 | Scallop Dredge | AA | LIM | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 233 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 233 | |
| 27 | Scallop Dredge | OPEN | GEN | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 167 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 167 | |
| 28 | Scallop Dredge | OPEN | GEN | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | 43 | |
| 29 | Scallop Dredge | OPEN | LIM | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 269 | 0 | 0 | 125 | 398 | 329 | 0 | 0 | 0 | 398 | |
| 30 | Scallop Dredge | OPEN | LIM | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 198 | 116 | 0 | 102 | 0 | 254 | 0 | 0 | 0 | 254 | |
| 31 | Mid-water Paired & Single Trawl | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 41 | P |
| 32 | Mid-water Paired & Single Trawl | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 433 | 0 | 0 | 0 | 48 | 433 | |
| 33 | Pots and Traps, Fish | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 28 | 28 | P |
| 34 | Pots and Traps, Fish | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 17 | P |
| 35 | Pots and Traps, Conch | OPEN | all | MA | all | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | P |
| 36 | Pots and Traps, Conch | OPEN | all | NE | all | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | P |
| 37 | Pots and Traps, Hagfish | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 106 | 106 | P |
| 38 | Pots and Traps, Hagfish | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 55 | |
| 39 | Pots and Traps, Lobster | OPEN | all | MA | all | 0 | 0 | 0 | 69 | 0 | 0 | 0 | 69 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 69 | P |
| 40 | Pots and Traps, Lobster | OPEN | all | NE | all | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 430 | P |
| 41 | Pots and Traps, Crab | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 28 | P |
| 42 | Pots and Traps, Crab | OPEN | all | NE | all | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 70 | P |
| 43 | Ocean Quahog/Surf Clam Dredge | OPEN | all | MA | all | 0 | 0 | 0 | 0 | 122 | 0 | 122 | 0 | 0 | 0 | 0 | 0 | 122 | 0 | 122 | 122 | P |
| 44 | Ocean Quahog/Surf Clam Dredge | OPEN | all | NE | all | 0 | 0 | 0 | 0 | 46 | 0 | 46 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 46 | 46 | P |
| Total | | | | | | 126 | 109 | 29 | 598 | 295 | 509 | 2,413 | 2,648 | 2,930 | 2,358 | 4,359 | 5,784 | 198 | 29 | 8,175 | 15,125 | |

Appendix Table 4. Individual species (in alphabetical order) encountered in Northeast Fisheries Observer Program trips, by species reported in weight and species reported in number, during July 2007 through June 2010. Individual species listed reflects the unique species codes used by observers.

| Individual species reported in live pounds | |
|--|---------------------------------|
| ALEWIFE | |
| ALLIGATORFISH | |
| AMBERJACK, NK | EEL, CONGER |
| ANCHOVY, BAY | EEL, NK |
| ANCHOVY, NK | EEL, ROCK (GUNNEL) |
| ANCHOVY, STRIPED | EEL, SAND LANCE, NK |
| ANEMONE, NK | EEL, SLENDER SNIPE |
| ARGENTINE, ATLANTIC | EELGRASS |
| BARRELFISH | EELPOUT, NK |
| BASS, STRIPED | FILEFISH, NK |
| BATFISH, NK | FISH, NK |
| BEARDFISH | FLOUNDER, AMERICAN PLAICE |
| BLENNY, NK (FISH) | FLOUNDER, FOURSPOT |
| BLUEFISH | FLOUNDER, GULFSTREAM |
| BOARFISH, DEEPCBODY | FLOUNDER, LEFTEYE, NK |
| BOARFISH, NK | FLOUNDER, NK |
| BONITO, ATLANTIC | FLOUNDER, SAND DAB (WINDOWPANE) |
| BUTTERFISH | FLOUNDER, SOUTHERN |
| CAPELIN | FLOUNDER, SUMMER (FLUKE) |
| CLAM, NK | FLOUNDER, WINTER (BLACKBACK) |
| CLAM, RAZOR | FLOUNDER, WITCH (GREY SOLE) |
| CLAM, SURF | FLOUNDER, YELLOWTAIL |
| COBIA | GAPER, RED EYE |
| COD, ATLANTIC | GARFISH (NEEDLEFISH) |
| CORAL, STONY, NK | GRENADIER, COMMON (MARLINSPIKE) |
| CRAB, BLUE | GRENADIER, LONG-NOSED |
| CRAB, CANCER, NK | GRENADIER, NK |
| CRAB, DEEPSEA, RED | GRENADIER, ROUGHHEAD |
| CRAB, HERMIT, NK | GROUND FISH, NK |
| CRAB, HORSESHOE | GROUPEL, NK |
| CRAB, JONAH | GROUPEL, SNOWY |
| CRAB, LADY | HADDOCK |
| CRAB, NORTHERN STONE | HAGFISH, ATLANTIC |
| CRAB, ROCK | HAKE, LONGFIN |
| CRAB, SNOW | HAKE, NK |
| CRAB, SPECKLED, NK | HAKE, RED (LING) |
| CRAB, SPIDER, NK | HAKE, RED/WHITE MIX |
| CRAB, SPIDER, PORTLY | HAKE, SILVER (WHITING) |
| CRAB, TRUE, NK | HAKE, SOUTHERN |
| CROAKER, ATLANTIC | HAKE, SPOTTED |
| CUNNER (YELLOW PERCH) | HAKE, WHITE |
| CUSK | HALIBUT, ATLANTIC |
| CUSK-EEL, NK | HALIBUT, GREENLAND |
| CUTLASSFISH, ATL | HARVESTFISH |
| DOGFISH, CHAIN | HERRING, ATLANTIC |
| DOGFISH, NK | HERRING, BLUEBACK |
| DOGFISH, SMOOTH | HERRING, NK |
| DOGFISH, SPINY | HOGCHOCKER |
| DOLPHINFISH (MAHI MAHI) | HOGFISH |
| DORY, BUCKLER (JOHN) | HOUNDFISH |
| DORY, NK | INVERTEBRATE, NK |
| DRUM, BLACK | JACK, CREVALLE |
| DRUM, NK | JACK, NK |
| DRUM, RED | JELLYFISH, NK |
| ECHINODERM, NK | KINGFISH, NK |
| EEL, AMERICAN | |

Appendix Table 4, continued. Individual species (in alphabetical order) encountered in Northeast Fisheries Observer Program trips, by species reported in weight and species reported in number, during July 2007 through June 2010. Individual species listed reflects the unique species codes used by observers.

| | |
|------------------------------|------------------------------|
| KINGFISH, NORTHERN | RIBBONFISH, NK |
| KINGFISH, SOUTHERN | ROCKLING, FOURBEARD |
| LADYFISH | ROCKWEED, NK |
| LAMPREY, NK | ROSEFISH, BLACK BELLY |
| LAMPSHELL, NK | ROUGHY, BIG |
| LANTERNFISH, NK | RUNNER, BLUE |
| LEATHERJACKET | SALMON, ATLANTIC |
| LIZARDFISH | SAND DOLLAR |
| LOBSTER, AMERICAN | SAURY, ATLANTIC |
| LOOKDOWN | SCAD, BIGEYE |
| LUMPFISH | SCAD, MACKEREL |
| LUMPSUCKER, ATL SPNY | SCAD, ROUGH |
| MACKEREL, ATLANTIC | SCALLOP, BAY |
| MACKEREL, CHUB | SCALLOP, ICELANDIC |
| MACKEREL, FRIGATE | SCALLOP, NK |
| MACKEREL, KING | SCALLOP, SEA |
| MACKEREL, NK | SCORPIONFISH, NK |
| MACKEREL, SNAKE, NK | SCULPIN, LONGHORN |
| MACKEREL, SPANISH | SCULPIN, NK |
| MENHADEN, ATLANTIC | SCUP |
| MOLA, NK | SEA BASS, BLACK |
| MOLA, OCEAN SUNFISH | SEA BASS, NK |
| MOLLUSK, NK | SEA CUCUMBER, NK |
| MONKFISH (ANGLER, GOOSEFISH) | SEA PANSY |
| MOONFISH, ATLANTIC | SEA POTATO |
| MULLET, STRIPED | SEA ROBIN, ARMORED |
| MUMMICHOG | SEA ROBIN, NK |
| MUSSEL, NK | SEA ROBIN, NORTHERN |
| NEEDLEFISH, ATLANTIC | SEA ROBIN, STRIPED |
| OCEAN POUT | SEA SQUIRT, NK |
| OCTOPUS, NK | SEA URCHIN, NK |
| OPAH | SEATROUT (WEAKFISH), SPOTD |
| OYSTER, COMMON | SEATROUT, NK |
| PERCH, WHITE | SEAWEED, NK |
| PERIWINKLE, COMMON | SHAD, AMERICAN |
| PIGFISH | SHAD, GIZZARD |
| PINFISH | SHAD, HICKORY |
| PIPEFISH/SEAHORSE, NK | SHANNY, NK |
| POLLOCK | SHARK, ATL ANGEL |
| POMPANO, FLORIDA | SHARK, ATL SHARPNOSE |
| PORGY, NK | SHARK, BASKING |
| PUFFER, NK (BURRFISH) | SHARK, BIGNOSE |
| PUFFER, NORTHERN | SHARK, BLACK TIP |
| QUAHOG, HARD SHELL CLAM | SHARK, BLACKNOSE |
| QUAHOG, OCEAN (BLACK CLAM) | SHARK, BLUE (BLUE DOG) |
| RAVEN, SEA | SHARK, BLUNTNOSE SIXGILL |
| RAY, BULLNOSE | SHARK, BONNETHEAD |
| RAY, BUTTERFLY, NK | SHARK, CARCHARHIN, NK |
| RAY, BUTTERFLY, SMOOTH | SHARK, DUSKY |
| RAY, BUTTERFLY, SPINY | SHARK, FINETOOTH |
| RAY, COWNOSE | SHARK, HAMMERHEAD, SCALLOPED |
| RAY, EAGLE, NK | SHARK, HAMMERHEAD, SMOOTH |
| RAY, NK | SHARK, HAMMERHEAD, NK |
| RAY, TORPEDO | SHARK, MAKO, NK |
| RAY, MANTA, ATLANTIC | SHARK, MAKO, SHORTFIN |
| RAY, MANTA, NK | SHARK, NK |
| REDFISH, NK (OCEAN PERCH) | SHARK, NURSE |
| REMORA, NK | SHARK, PELAGIC |

Appendix Table 4, continued. Individual species (in alphabetical order) encountered in Northeast Fisheries Observer Program trips, by species reported in weight and species reported in number, during July 2007 through June 2010. Individual species listed reflects the unique species codes used by observers.

SHARK, PORBEAGLE (MACKEREL SHARK)
 SHARK, SAND TIGER
 SHARK, SANDBAR (BROWN SHARK)
 SHARK, SEVENGILL SHARPNOSE
 SHARK, SILKY
 SHARK, SMALLTOOTH SAND TIGER
 SHARK, SPINNER
 SHARK, THRESHER
 SHARK, THRESHER, BIGEYE
 SHARK, TIGER
 SHARK, WHITE
 SHEEPSHEAD
 SHELLFISH, NK
 SHORTSPINE BOARFISH
 SHRIMP, MANTIS
 SHRIMP, NK
 SHRIMP, PANDALID (NORTHERN)
 SHRIMP, PANDALID, NK (NORTHERN)
 SHRIMP, PENAEID (SOUTHERN)
 SHRIMP, ROYAL RED
 SHRIMP, SCARLET
 SHRIMP, SHORE, NK
 SILVERSIDE, ATLANTIC
 SILVERSIDE, NK
 SKATE, BARNDOR
 SKATE, CLEARNOSE
 SKATE, LITTLE
 SKATE, NK
 SKATE, ROSETTE
 SKATE, SMOOTH
 SKATE, THORNY
 SKATE, WINTER (BIG)
 SLENDER SNIPEFISH
 SMELT, RAINBOW
 SNAIL, MOONHELL, NK
 SNAIL, NK
 SNAKEBLENNY
 SNAPPER, NK
 SNAPPER, VERMILLION
 SNIPEFISH, LONGSPINE
 SNIPEFISH, NK
 SPADEFISH
 SPONGE, NK
 SPOT
 SQUID, ATL LONG-FIN
 SQUID, NK
 SQUID, SHORT-FIN
 SQUIRRELFISH, NK
 STARFISH, BRITTLE, NK
 STARFISH, SEASTAR, NK
 STARGAZER, NK
 STINGRAY, ATLANTIC
 STINGRAY, BLUNTNOSE
 STINGRAY, NK
 STINGRAY, ROUGHTAIL
 STINGRAY, SOUTHERN
 STURGEON, ATLANTIC
 STURGEON, NK

SWORDFISH
 TAUTOG (BLACKFISH)
 TILEFISH, BLUELINE
 TILEFISH, GOLDEN
 TILEFISH, NK
 TOADFISH, NK
 TOADFISH, OYSTER
 TRIGGERFISH, NK (LEATHERJACKET)
 TUNA, ALBACORE
 TUNA, BIG EYE
 TUNA, BLUEFIN
 TUNA, LITTLE (FALSE ALBACORE)
 TUNA, NK
 TUNA, SKIPJACK
 TUNA, YELLOWFIN
 TURTLE, TERRAPIN ²³
 WEAKFISH (SQUETEAGUE SEA TROUT)
 WHELK, CHANNELED (SMOOTH)
 WHELK, KNOBBED
 WHELK, LIGHTNING
 WHELK, NK, CONCH
 WHITING, BLACK (HAKE, OFFSHORE)
 WOLFFISH, ATLANTIC
 WOLFFISH, NORTHERN
 WORM, BLOOD
 WORM, NK
 WRECKFISH
 WRYMOUTH

Individual species reported in numbers

BIRD, NK
 CORMORANT, DBL CREST
 CORMORANT, NK
 DOLPHIN, BOTTLENOSE
 DOLPHIN, RISSO'S
 DOLPHIN, WHITESIDED
 DOLPHIN, COMMON (FORMERLY SADDLEBACK)
 DOVEKIE
 EIDER, COMMON
 FULMAR, NORTHERN
 GANNET, NORTHERN
 GREBE, HORNED
 GULL, GREAT BLK-BACK
 GULL, HERRING
 GULL, NK
 KITTIWAKE, BLK-LEGGD
 LOON, COMMON
 LOON, NK
 LOON, RED-THROATED
 MURRE, THIN-BILLED
 PELICAN, BROWN
 PORPOISE, HARBOR
 PORPOISE/DOLPHIN, NK
 SCOTER, BLACK

²³ Freshwater turtles are reported in weight while sea turtles are reported in numbers.

Appendix Table 4, continued. Individual species (in alphabetical order) encountered in Northeast Fisheries Observer Program trips, by species reported in weight and species reported in number, during July 2007 through June 2010. Individual species listed reflects the unique species codes used by observers.

SCOTER, SURF
SEAL, GRAY
SEAL, HARBOR
SEAL, HARP
SEAL, NK
SHEARWATER, GREATER
SHEARWATER, NK
SHEARWATER, SOOTY
STORM PETREL, NK
STORM PETREL, WILSON
TURTLE, GREEN
TURTLE, KEMP'S RIDLEY
TURTLE, LEATHERBACK
TURTLE, LOGGERHEAD
TURTLE, NK HARD-SHELL
WHALE, HUMPBACK
WHALE, MINKE
WHALE, PILOT, NK