|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| agn.27.nea | Angel shark in subareas 1-10, 12 and 14 | Elasmobranch | 6.3 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| alf.27.nea | Alfonsinos in subareas 1-10, 12 and 14 | Demersal | 5.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| anf.27.3a46 | Anglerfish in Subareas 4 and 6, and Division 3.a | Benthic | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| ank.27.78abd | Black-bellied anglerfish in Subarea 7 and divisions 8.a-b and 8.d | Benthic | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| aru.27.5b6a | Greater silver smelt in divisions 5.b and 6.a | Pelagic | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| aru.27.6b7-1012 | Greater silver smelt in subareas 7-10 and 12, and Division 6.b | Pelagic | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| bli.27.5b67 | Blue ling in subareas 6-7 and Division 5.b | Demersal | 1 | 2018 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| boc.27.6-8 | Boarfish in subareas 6-8 | Pelagic | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| bsf.27.nea | Black scabbardfish in subareas 1, 2, 4-8, 10, and 14, and divisions 3.a, 9.a, and 12.b | Pelagic | 3.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| bsk.27.nea | Basking shark in Subareas 1-10, 12 and 14 | Elasmobranch | 6.3 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| bss.27.4bc7ad-h | Seabass in Divisions 4.b-c, 7.a, and 7.d-h | Demersal | 1.2 | 2018 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| bss.27.6a7bj | Seabass in divisions 6.a, 7.b, and 7.j | Demersal | 6.2 | 2017 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| cod.27.6a | Cod in Division 6.a | Demersal | 1.2 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png |  | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png |  |
| cod.27.6b | Cod in Division 6.b | Demersal | 6.2 | 2017 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| cod.27.7a | Cod in Division 7.a | Demersal | 3 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| cod.27.7e-k | Cod in divisions 7.e-k | Demersal | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| cyo.27.nea | Portuguese dogfish in subareas 1-10, 12 and 14 | Elasmobranch | 6.3 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| dgs.27.nea | Spurdog in Subareas 1-10, 12 and 14 | Elasmobranch | 1.2 | 2018 | MSY/PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| ele.2737.nea | European eel throughout its natural range | Demersal | 3.14 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| gag.27.nea | Tope in subareas 1-10, 12 and 14 | Elasmobranch | 5.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| gfb.27.nea | Greater forkbeard in subareas 1-10, 12 and 14 | Demersal | 3.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| ghl.27.561214 | Greenland halibut in subareas 5, 6, 12, and 14 | Demersal | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| guq.27.nea | Leafscale gulper shark in subareas 1-10, 12 and 14 | Elasmobranch | 6.3 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| gur.27.3-8 | Red gurnard in subareas 3-8 | Demersal | 6.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| had.27.46a20 | Haddock in Subarea 4, Division 6.a, and Subdivision 20 | Demersal | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| had.27.6b | Haddock in Division 6.b | Demersal | 1 | 2018 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| had.27.7a | Haddock in Division 7.a | Demersal | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| had.27.7b-k | Haddock in Divisions 7.b-k | Demersal | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| her.27.6a7bc | Herring in divisions 6.a and 7.b-c | Pelagic | 3 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| her.27.irls | Herring in divisions 7.a South of 52°30’N, 7.g-h, and 7.j-k | Pelagic | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png |  | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png |  |
| her.27.nirs | Herring in Division 7.a North of 52°30’N | Pelagic | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| hke.27.3a46-8abd | Hake in subareas 4, 6, and 7, and divisions 3.a, 8.a-b, and 8.d, Northern stock | Demersal | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| hom.27.2a4a5b6a7a-ce-k8 | Horse mackerel in Subarea 8 and divisions 2.a, 4.a, 5.b, 6.a, 7.a-c,e-k | Pelagic | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png |
| ldb.27.7b-k8abd | Four-spot megrim in divisions 7.b-k, 8.a-b, and 8.d | Benthic | 5.9 | 2019 | PA/Stock status only |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| lez.27.4a6a | Megrim in divisions 4.a and 6.a | Benthic | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| lez.27.6b | Megrim in Division 6.b | Benthic | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| lin.27.3a4a6-91214 | Ling in Subareas 6-9, 12, and 14, and Divisions 3.a and 4.a | Demersal | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| mac.27.nea | Mackerel in subareas 1-8 and 14 and division 9.a | Pelagic | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| meg.27.7b-k8abd | Megrim in divisions 7.b-k, 8.a-b, and 8.d | Benthic | 1 | 2019 | MP |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| mon.27.78abd | White anglerfish in Subarea 7 and divisions 8.a-b and 8.d | Benthic | 1 | 2019 | MP |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| mur.27.67a-ce-k89a | Striped red mullet in subareas 6 and 8, and divisions 7.a-c, 7.e-k, and 9.a | Demersal | 5.2 | 2017 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| nep.fu.11 | Norway lobster in Division 6.a, Functional Unit 11 | Crustacean | 1 | 2019 | FMSY Ranges |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| nep.fu.12 | Norway lobster in Division 6.a, Functional Unit 12 | Crustacean | 1 | 2019 | FMSY Ranges |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| nep.fu.13 | Norway lobster in Division 6.a, Functional Unit 13 | Crustacean | 1 | 2019 | FMSY Ranges |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| nep.fu.14 | Norway lobster in Division 7.a, Functional Unit 14 | Crustacean | 1 | 2019 | FMSY Ranges |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| nep.fu.15 | Norway lobster in Division 7.a, Functional Unit 15 | Crustacean | 1 | 2019 | FMSY Ranges |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| nep.fu.16 | Norway lobster in divisions 7.b-c and 7.j-k, Functional Unit 16 | Crustacean | 1 | 2019 | FMSY Ranges |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| nep.fu.17 | Norway lobster in Division 7.b, Functional Unit 17 | Crustacean | 1 | 2019 | FMSY Ranges |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| nep.fu.19 | Norway lobster in divisions 7.a, 7.g, and 7.j, Functional Unit 19 | Crustacean | 1 | 2019 | FMSY Ranges |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| nep.fu.2021 | Norway lobster in divisions 7.g and 7.h, functional units 20 and 21 | Crustacean | 1 | 2019 | FMSY Ranges |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| nep.fu.22 | Norway lobster in divisions 7.f and 7.g, Functional Unit 22 | Crustacean | 1 | 2019 | FMSY Ranges |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| nop.27.6a | Norway pout in Division 6.a | Pelagic | 6.3 | 2018 | No advice |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| ory.27.nea | Orange roughy in subareas 1-10, 12 and 14 | Demersal | 6.3 | 2016 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| ple.27.7a | Plaice in Division 7.a | Benthic | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| ple.27.7bc | Plaice in divisions 7.b-c | Benthic | 6.2 | 2017 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| ple.27.7e | Plaice in Division 7.e | Benthic | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| ple.27.7fg | Plaice in divisions 7.f and 7.g | Benthic | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| ple.27.7h-k | Plaice in divisions 7.h-k | Benthic | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| pok.27.3a46 | Saithe in Subareas 4, 6 and Division 3.a | Demersal | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| pol.27.67 | Pollack in subareas 6-7 | Demersal | 4.12 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| por.27.nea | Porbeagle in subareas 1-10, 12 and 14 | Elasmobranch | 6.3 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| raj.27.67a-ce-h | Rays and skates in Subarea 6 and divisions 7.a-c and 7.e-h | Elasmobranch | 6.9 | 2018 | No advice |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| reb.2127.sp | Beaked redfish in ICES subareas 5, 12, and 14 and NAFO subareas 1 and 2 | Pelagic | 3 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rja.27.nea | White skate in subareas 1-10, 12 and 14 | Elasmobranch | 6.3 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjb.27.67a-ce-k | Common skate complex and flapper skate in Subarea 6 and divisions 7.a–c and 7.e–k | Elasmobranch | 6.3 | 2018 | PA/Stock status only |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjc.27.6 | Thornback ray in Subarea 6 | Elasmobranch | 3.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjc.27.7afg | Thornback ray in divisions 7.a and 7.f-g | Elasmobranch | 3.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjc.27.7e | Thornback ray in Division 7.e | Elasmobranch | 5.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rje.27.7de | Small-eyed ray in divisions 7.d and 7.e | Elasmobranch | 5.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rje.27.7fg | Small-eyed ray in divisions 7.f and 7.g | Elasmobranch | 3.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjf.27.67 | Shagreen ray in subareas 6-7 | Elasmobranch | 5.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjh.27.4a6 | Blonde ray in Subarea 6 and Division 4.a | Elasmobranch | 5.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjh.27.7afg | Blonde ray in divisions 7.a and 7.f-g | Elasmobranch | 5.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjh.27.7e | Blonde ray in Division 7.e | Elasmobranch | 5.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rji.27.67 | Sandy ray in subareas 6-7 | Elasmobranch | 5.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjm.27.67bj | Spotted ray in Subarea 6 and divisions 7.b and 7.j | Elasmobranch | 3.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjm.27.7ae-h | Spotted ray in divisions 7.a and 7.e-h | Elasmobranch | 3.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjn.27.678abd | Cuckoo ray in subareas 6-7 and divisions 8.a-b and 8.d | Elasmobranch | 3.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rjr.27.23a4 | Starry ray in Subareas 2 and 4, and Division 3.a | Elasmobranch | 3.14 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rju.27.7bj | Undulate ray in divisions 7.b and 7.j | Elasmobranch | 6.3 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rju.27.7de | Undulate ray in divisions 7.d and 7.e | Elasmobranch | 3.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| rng.27.5b6712b | Roundnose grenadier in subareas 6-7 and divisions 5.b and 12.b | Demersal | 5.2 | 2018 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| san.27.6a | Sandeel in Division 6.a | Demersal | 6.3 | 2018 | No advice |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| sbr.27.6-8 | Blackspot seabream in subareas 6-8 | Demersal | 6.3 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| sck.27.nea | Kitefin shark in subareas 1-10, 12 and 14 | Elasmobranch | 6.3 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| sdv.27.nea | Smooth-hound in subareas 1-10, 12 and 14 | Elasmobranch | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| sho.27.67 | Black-mouth dogfish in subareas 6 and 7 | Elasmobranch | 3.9 | 2019 | PA/Stock status only |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| sol.27.7a | Sole in Division 7.a | Benthic | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png |  | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png |
| sol.27.7bc | Sole in divisions 7.b and 7.c | Benthic | 6.2 | 2017 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| sol.27.7e | Sole in Division 7.e | Benthic | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| sol.27.7fg | Sole in divisions 7.f and 7.g | Benthic | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| sol.27.7h-k | Sole in Divisions 7.h-k | Benthic | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png |  | D:\Adriana\Documents\R\win-library\3.6\fisheryO\symbols\orange_oh.png |
| spr.27.67a-cf-k | Sprat in Subarea 6 and Divisions 7.a-c and 7.f-k | Pelagic | 5.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| spr.27.7de | Sprat in divisions 7.d and 7.e | Pelagic | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| syc.27.67a-ce-j | Lesser spotted dogfish in Subarea 6 and divisions 7.a-c and 7.e-j | Elasmobranch | 3.9 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| syt.27.67 | Greater-spotted dogfish in subareas 6 and 7 | Elasmobranch | 3.9 | 2019 | No advice |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| usk.27.3a45b6a7-912b | Tusk in subareas 4 and 7-9 and divisions 3.a, 5.b, 6.a, and 12.b | Demersal | 3.2 | 2019 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| usk.27.6b | Tusk in Division 6.b | Demersal | 5.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| whb.27.1-91214 | Blue whiting in subareas 1-9, 12, and 14 | Pelagic | 1 | 2019 | MP |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| whg.27.6a | Whiting in Division 6.a | Demersal | 1 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| whg.27.6b | Whiting in Division 6.b | Demersal | 6.2 | 2018 | PA |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| whg.27.7a | Whiting in Division 7.a | Demersal | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |
| whg.27.7b-ce-k | Whiting in divisions 7.b-c and 7.e-k | Demersal | 1 | 2019 | MSY |  |  | MSY |  |  |  |  |
| PA |  |  |  |  |