

**B-91**      **Brown seaweeds**  
**Algues brunes**  
**Algas pardas**

**Capture production by species, fishing areas and countries or areas**  
**Captures par espèces, zones de pêche et pays ou zones**  
**Capturas por especies, áreas de pesca y países o áreas**

| Species, Fishing area<br>Espèce, Zone de pêche<br>Especie, Área de pesca | 2002<br>t                    | 2003<br>t | 2004<br>t                  | 2005<br>t | 2006<br>t                    | 2007<br>t | 2008<br>t             | 2009<br>t | 2010<br>t  | 2011<br>t |
|--------------------------------------------------------------------------|------------------------------|-----------|----------------------------|-----------|------------------------------|-----------|-----------------------|-----------|------------|-----------|
| <b>Tangle</b>                                                            | <b>Laminaire digitée</b>     |           | <b>...C</b>                |           | <b>Laminaria digitata</b>    |           | <b>7,71(02)002,01</b> |           | <b>LQD</b> |           |
| 27 France                                                                | 51 251                       | 52 402    | 52 402                     | 15 635    | 12 856                       | 24 196    | 24 196 F              | 17 139    | 21 320     | 5 163     |
| Iceland                                                                  | 3                            | 4 072     | 3 734                      | 2 910     | 3 135                        | 4 753     | 3 995                 | 3 575     | 2 454      | 4 983     |
| 27 Fishing area total                                                    | 51 254                       | 56 474    | 56 136                     | 18 545    | 15 991                       | 28 949    | 28 191 F              | 20 714    | 23 774     | 10 146    |
| Species total                                                            | 51 254                       | 56 474    | 56 136                     | 18 545    | 15 991                       | 28 949    | 28 191 F              | 20 714    | 23 774     | 10 146    |
| <b>Japanese kelp</b>                                                     | <b>Laminaire du Japon</b>    |           | <b>Laminaria del Japón</b> |           | <b>Laminaria japonica</b>    |           | <b>7,71(02)002,02</b> |           | <b>LNJ</b> |           |
| 61 Japan                                                                 | 104 402                      | 84 274    | 91 122                     | 78 575    | 84 665                       | 72 767    | 73 244                | 80 115    | 74 052     | 61 339 F  |
| Korea Rep                                                                | ...                          | 37        | 0                          | 9         | 12                           | 28        | 2                     | 354       | 180        | 90        |
| 61 Fishing area total                                                    | 104 402                      | 84 311    | 91 122                     | 78 584    | 84 677                       | 72 795    | 73 246                | 80 469    | 74 232     | 61 429 F  |
| Species total                                                            | 104 402                      | 84 311    | 91 122                     | 78 584    | 84 677                       | 72 795    | 73 246                | 80 469    | 74 232     | 61 429 F  |
| <b>North European kelp</b>                                               | <b>...B</b>                  |           | <b>...C</b>                |           | <b>Laminaria hyperborea</b>  |           | <b>7,71(02)002,04</b> |           | <b>LAH</b> |           |
| 27 France                                                                | 3 249                        | 4 548     | 4 548                      | 464       | 1 491                        | 6 714     | 6 714 F               | 1 406     | 1 277      | 4 061     |
| Ireland                                                                  | 2 000 F                      | 1 900 F   | 1 700 F                    | 1 400 F   | 1 400 F                      | 1 400 F   | 1 400 F               | 1 400 F   | 1 400 F    | 1 400 F   |
| Russian Fed                                                              | ...                          | ...       | ...                        | ...       | ...                          | ...       | ...                   | ...       | ...        | 1 350     |
| 27 Fishing area total                                                    | 5 249 F                      | 6 448 F   | 6 248 F                    | 1 864 F   | 2 891 F                      | 8 114 F   | 8 114 F               | 2 806 F   | 2 677 F    | 6 811 F   |
| Species total                                                            | 5 249 F                      | 6 448 F   | 6 248 F                    | 1 864 F   | 2 891 F                      | 8 114 F   | 8 114 F               | 2 806 F   | 2 677 F    | 6 811 F   |
| <b>Wakame</b>                                                            | <b>Wakamé</b>                |           | <b>Abeto marino</b>        |           | <b>Undaria pinnatifida</b>   |           | <b>7,71(04)003,01</b> |           | <b>UDP</b> |           |
| 61 Japan                                                                 | 3 179                        | 3 680     | 3 673                      | 3 613     | 3 575                        | ...       | ...                   | ...       | ...        | ...       |
| Korea Rep                                                                | ...                          | 942       | 719                        | 4 740     | 3 569                        | 6 384     | 3 114                 | 3 882     | 4 783      | 2 742     |
| 61 Fishing area total                                                    | 3 179                        | 4 622     | 4 392                      | 8 353     | 7 144                        | 6 384     | 3 114                 | 3 882     | 4 783      | 2 742     |
| Species total                                                            | 3 179                        | 4 622     | 4 392                      | 8 353     | 7 144                        | 6 384     | 3 114                 | 3 882     | 4 783      | 2 742     |
| <b>Chilean kelp</b>                                                      | <b>...B</b>                  |           | <b>Chascón</b>             |           | <b>Lessonia nigrescens</b>   |           | <b>7,71(05)001,01</b> |           | <b>LJX</b> |           |
| 87 Chile                                                                 | 96 428                       | 108 899   | 151 752                    | 203 897   | 161 834                      | 136 766   | 202 262               | 222 628   | 190 746    | 241 633   |
| 87 Fishing area total                                                    | 96 428                       | 108 899   | 151 752                    | 203 897   | 161 834                      | 136 766   | 202 262               | 222 628   | 190 746    | 241 633   |
| Species total                                                            | 96 428                       | 108 899   | 151 752                    | 203 897   | 161 834                      | 136 766   | 202 262               | 222 628   | 190 746    | 241 633   |
| <b>...A</b>                                                              | <b>...B</b>                  |           | <b>Huiro palo</b>          |           | <b>Lessonia trabeculata</b>  |           | <b>7,71(05)001,02</b> |           | <b>LJZ</b> |           |
| 87 Chile                                                                 | 25 956                       | 69 272    | 65 290                     | 46 923    | 27 552                       | 31 010    | 33 754                | 54 120    | 62 734     | 46 239    |
| 87 Fishing area total                                                    | 25 956                       | 69 272    | 65 290                     | 46 923    | 27 552                       | 31 010    | 33 754                | 54 120    | 62 734     | 46 239    |
| Species total                                                            | 25 956                       | 69 272    | 65 290                     | 46 923    | 27 552                       | 31 010    | 33 754                | 54 120    | 62 734     | 46 239    |
| <b>...A</b>                                                              | <b>...B</b>                  |           | <b>Chascón nep</b>         |           | <b>Lessonia spp</b>          |           | <b>7,71(05)001,XX</b> |           | <b>EOZ</b> |           |
| 81 New Zealand                                                           | 3                            | 1         | 0                          | -         | -                            | -         | -                     | -         | 1          | 0         |
| 81 Fishing area total                                                    | 3                            | 1         | 0                          | -         | -                            | -         | -                     | -         | 1          | 0         |
| Species total                                                            | 3                            | 1         | 0                          | -         | -                            | -         | -                     | -         | 1          | 0         |
| <b>Kelp nei</b>                                                          | <b>Kelps nca</b>             |           | <b>Huiros nep</b>          |           | <b>Macrocystis spp</b>       |           | <b>7,71(05)002,XX</b> |           | <b>GQO</b> |           |
| 77 USA                                                                   | 47 104                       | 47 654    | 33 724                     | 65 868    | 3 046                        | 4         | 3 719                 | 4 203     | 3 602      | 2 921     |
| 77 Fishing area total                                                    | 47 104                       | 47 654    | 33 724                     | 65 868    | 3 046                        | 4         | 3 719                 | 4 203     | 3 602      | 2 921     |
| 81 New Zealand                                                           | 1                            | 5         | 27                         | 8         | 12                           | 6         | 35                    | 45        | 45         | 66        |
| 81 Fishing area total                                                    | 1                            | 5         | 27                         | 8         | 12                           | 6         | 35                    | 45        | 45         | 66        |
| 87 Chile                                                                 | 9 774                        | 11 501    | 9 543                      | 8 786     | 9 319                        | 10 950    | 17 060                | 14 092    | 11 723     | 19 400    |
| 87 Fishing area total                                                    | 9 774                        | 11 501    | 9 543                      | 8 786     | 9 319                        | 10 950    | 17 060                | 14 092    | 11 723     | 19 400    |
| Species total                                                            | 56 879                       | 59 160    | 43 294                     | 74 662    | 12 377                       | 10 960    | 20 814                | 18 340    | 15 370     | 22 387    |
| <b>North Atlantic rockweed</b>                                           | <b>...B</b>                  |           | <b>...C</b>                |           | <b>Ascophyllum nodosum</b>   |           | <b>7,71(06)006,01</b> |           | <b>ASN</b> |           |
| 21 Canada                                                                | 34 159                       | 10 076    | 7 741                      | 7 531     | 8 145                        | 4 404     | 2 740                 | 2 797     | 4 406      | 1 982     |
| USA                                                                      | 59                           | 1 745     | 1 388                      | 1 946     | 3 155                        | 2 218     | 3 204                 | 3 978     | 5 366      | 6 638     |
| 21 Fishing area total                                                    | 34 218                       | 11 821    | 9 129                      | 9 477     | 11 300                       | 6 622     | 5 944                 | 6 775     | 9 772      | 8 620     |
| 27 France                                                                | 7 914                        | 4 429     | 4 429                      | 1 376     | 4 261                        | ...       | ...                   | ...       | ...        | ...       |
| Iceland                                                                  | 14 959                       | 18 047    | 17 736                     | 18 186    | 17 829                       | 17 114    | 18 564                | 18 988    | 18 560     | 10 754    |
| Ireland                                                                  | 34 000 F                     | 33 000 F  | 28 200                     | 28 000 F  | 28 000 F                     | 28 000 F  | 28 000 F              | 28 000 F  | 28 000 F   | 28 000 F  |
| 27 Fishing area total                                                    | 56 873 F                     | 55 476 F  | 50 365                     | 47 562 F  | 50 090 F                     | 45 114 F  | 46 564 F              | 46 988 F  | 46 560 F   | 38 754 F  |
| Species total                                                            | 91 091 F                     | 67 297 F  | 59 494                     | 57 039 F  | 61 390 F                     | 51 736 F  | 52 508 F              | 53 763 F  | 56 332 F   | 47 374 F  |
| <b>Bull kelp</b>                                                         | <b>Durvillee antarctique</b> |           | <b>Cochayuyo</b>           |           | <b>Durvillaea antarctica</b> |           | <b>7,71(08)001,01</b> |           | <b>DVA</b> |           |
| 81 New Zealand                                                           | 3                            | -         | -                          | -         | -                            | -         | -                     | -         | -          | -         |
| 81 Fishing area total                                                    | 3                            | -         | -                          | -         | -                            | -         | -                     | -         | -          | -         |
| 87 Chile                                                                 | 2 312                        | 1 764     | 2 733                      | 2 562     | 2 292                        | 4 274     | 4 872                 | 5 872     | 6 048      | 6 468     |
| 87 Fishing area total                                                    | 2 312                        | 1 764     | 2 733                      | 2 562     | 2 292                        | 4 274     | 4 872                 | 5 872     | 6 048      | 6 468     |
| Species total                                                            | 2 315                        | 1 764     | 2 733                      | 2 562     | 2 292                        | 4 274     | 4 872                 | 5 872     | 6 048      | 6 468     |

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**Captures par espèces, zones de pêche et pays ou zones**  
**Capturas por especies, áreas de pesca y países o áreas**

| Species, Fishing area<br>Espèce, Zone de pêche<br>Especie, Área de pesca | 2002<br>t               | 2003<br>t      | 2004<br>t                | 2005<br>t      | 2006<br>t                 | 2007<br>t      | 2008<br>t      | 2009<br>t             | 2010<br>t      | 2011<br>t      |
|--------------------------------------------------------------------------|-------------------------|----------------|--------------------------|----------------|---------------------------|----------------|----------------|-----------------------|----------------|----------------|
| <b>Golden Cystoseira</b>                                                 | <b>Cystoseira dorée</b> |                | <b>Cistosira barbuda</b> |                | <b>Cystoseira barbata</b> |                |                | <b>7,71(09)001,01</b> |                | <b>YQT</b>     |
| 37 Ukraine                                                               | 36                      | 36             | ...                      | ...            | 4                         | 31             | -              | 14                    | 5              | -              |
| 37 Fishing area total                                                    | 36                      | 36             | ...                      | ...            | 4                         | 31             | -              | 14                    | 5              | -              |
| Species total                                                            | 36                      | 36             | ...                      | ...            | 4                         | 31             | -              | 14                    | 5              | -              |
| <b>Brown seaweeds</b>                                                    | <b>Algues brunes</b>    |                | <b>Algas pardas</b>      |                | <b>Phaeophyceae</b>       |                |                | <b>7,71(XX)XXX,XX</b> |                | <b>SWB</b>     |
| 21 USA                                                                   | 17                      | 94             | 222                      | 246            | 158                       | 48             | 25             | 23                    | 57             | 36             |
| 21 Fishing area total                                                    | 17                      | 94             | 222                      | 246            | 158                       | 48             | 25             | 23                    | 57             | 36             |
| 27 France                                                                | 9 958                   | 6 789          | 1 890                    | 3 724          | 382                       | ...            | ...            | 352                   | ...            | 22             |
| Norway                                                                   | 182 641                 | 153 209        | 148 322                  | 153 906        | 145 429                   | 134 671        | 154 215        | 160 361               | 158 516        | 152 382        |
| Russian Fed                                                              | 4 046                   | 3 426          | 2 639                    | 2 756          | 2 153                     | 4 573          | 4 616          | 1 812                 | 1 748          | 95             |
| Spain                                                                    | 233                     | 0              | 129                      | 109            | 46                        | 61             | 75             | ...                   | 49             | 86             |
| 27 Fishing area total                                                    | 196 878                 | 163 424        | 152 980                  | 160 495        | 148 010                   | 139 305        | 158 906        | 162 525               | 160 313        | 152 585        |
| 37 Spain                                                                 | 1                       | 1              | -                        | -              | -                         | 1              | ...            | ...                   | 2              | 0              |
| 37 Fishing area total                                                    | 1                       | 1              | -                        | -              | -                         | 1              | ...            | ...                   | 2              | 0              |
| 47 South Africa                                                          | 25 000 F                | 15 693         | 20 531                   | 5 884          | 8 531                     | 11 694         | 10 767         | 10 849                | 12 176         | 10 673         |
| 47 Fishing area total                                                    | 25 000 F                | 15 693         | 20 531                   | 5 884          | 8 531                     | 11 694         | 10 767         | 10 849                | 12 176         | 10 673         |
| 57 Australia                                                             | 9 916                   | 8 879          | 12 570                   | 14 167         | 15 504                    | 2 223          | 1 923          | 1 923 F               | 1 923 F        | 1 923 F        |
| 57 Fishing area total                                                    | 9 916                   | 8 879          | 12 570                   | 14 167         | 15 504                    | 2 223          | 1 923          | 1 923 F               | 1 923 F        | 1 923 F        |
| 61 Japan                                                                 | 6 973                   | 7 207          | 6 375                    | 6 881          | 8 209                     | ...            | ...            | ...                   | ...            | ...            |
| Korea Rep                                                                | 7 000 F                 | 2 744          | 5 284                    | 3 522          | 2 934                     | 2 685          | 2 981          | 2 971                 | 2 622          | 5 086          |
| Russian Fed                                                              | 6 210                   | 2 486          | 8 490                    | 6 674          | 8 720                     | 2 977          | 5 531          | 4 006                 | 4 168          | 5 191          |
| 61 Fishing area total                                                    | 20 183 F                | 12 437         | 20 149                   | 17 077         | 19 863                    | 5 662          | 8 512          | 6 977                 | 6 790          | 10 277         |
| 67 USA                                                                   | ...                     | ...            | ...                      | ...            | ...                       | ...            | ...            | ...                   | ...            | 3              |
| 67 Fishing area total                                                    | ...                     | ...            | ...                      | ...            | ...                       | ...            | ...            | ...                   | ...            | 3              |
| 77 Mexico                                                                | 24 923                  | 22 092         | 22 275                   | 31             | 124                       | 229            | 294            | 258                   | 409            | 597            |
| Tonga                                                                    | 407                     | 319            | 1 707                    | 420            | 356                       | 107            | 0              | 16                    | 1              | 104            |
| USA                                                                      | 3                       | 3              | 3                        | 3              | 3                         | 2              | 3              | 3                     | 2              | 16             |
| 77 Fishing area total                                                    | 25 333                  | 22 414         | 23 985                   | 454            | 483                       | 338            | 297            | 277                   | 412            | 717            |
| Species total                                                            | 277 328 F               | 222 942        | 230 437                  | 198 323        | 192 549                   | 159 271        | 180 430        | 182 574 F             | 181 673 F      | 176 214 F      |
| <b>Group total</b>                                                       | <b>714 120</b>          | <b>681 226</b> | <b>710 898</b>           | <b>690 752</b> | <b>568 701</b>            | <b>510 290</b> | <b>607 305</b> | <b>645 182</b>        | <b>618 375</b> | <b>621 443</b> |

See paragraph 5 of the INTRODUCTION.

Voir le paragraphe 5 de l'INTRODUCTION.

Véase el párrafo 5 en la INTRODUCCIÓN.