

Table C.7. World fish and seafood projections

Calendar year

		Average 2016-18est	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>FISH<sup>1</sup></b>												
<b>World</b>												
Production	kt	172 268	178 537	180 246	180 582	184 508	187 299	189 342	191 143	191 488	194 478	196 324
of which aquaculture	kt	79 833	85 329	87 769	90 000	93 044	94 682	96 371	97 854	99 264	100 736	102 156
Consumption	kt	172 525	178 432	180 221	180 722	184 533	187 114	189 107	190 793	191 753	194 503	196 449
of which for food	kt	152 784	158 502	160 667	162 250	165 752	168 306	170 306	171 992	173 830	175 812	177 777
of which for reduction	kt	15 226	15 529	15 275	14 315	14 747	14 896	14 975	15 063	14 271	15 126	15 194
Price												
Aquaculture <sup>2</sup>	USD/t	2 952.2	2 936.7	3 050.7	3 315.1	3 325.7	3 368.7	3 507.1	3 580.5	3 635.8	3 588.0	3 626.2
Capture <sup>3</sup>	USD/t	1 683.4	1 719.0	1 760.2	1 864.7	1 873.2	1 891.3	1 935.7	1 952.8	1 979.6	1 959.9	1 976.5
Product traded <sup>4</sup>	USD/t	2 977.5	3 059.1	3 145.1	3 382.7	3 393.6	3 437.4	3 542.6	3 580.5	3 635.8	3 588.0	3 626.2
<b>Developed countries</b>												
Production	kt	29 603	30 102	30 240	30 099	30 196	30 540	30 625	30 726	30 765	30 844	30 921
of which aquaculture	kt	4 579	4 744	4 882	4 983	5 061	5 136	5 208	5 293	5 308	5 372	5 431
Consumption	kt	37 357	37 352	37 365	37 446	37 846	38 057	38 291	38 223	38 420	38 450	38 630
of which for food	kt	32 111	32 256	32 328	32 466	32 905	33 124	33 386	33 341	33 549	33 612	33 819
of which for reduction	kt	4 379	4 321	4 267	4 215	4 181	4 178	4 150	4 127	4 116	4 083	4 056
<b>Developing countries</b>												
Production	kt	142 666	148 435	150 006	150 482	154 313	156 759	158 717	160 418	160 723	163 634	165 403
of which aquaculture	kt	75 254	80 585	82 887	85 017	87 982	89 546	91 163	92 561	93 956	95 364	96 725
Consumption	kt	135 168	141 080	142 856	143 276	146 688	149 058	150 816	152 571	153 333	156 053	157 819
of which for food	kt	120 673	126 246	128 339	129 784	132 847	135 182	136 920	138 651	140 281	142 200	143 958
of which for reduction	kt	10 848	11 208	11 009	10 100	10 566	10 717	10 826	10 936	10 155	11 043	11 138
<b>OECD</b>												
Production	kt	28 824	29 637	29 753	29 305	29 513	29 890	30 000	30 120	29 821	30 166	30 378
of which aquaculture	kt	6 373	6 673	6 824	6 960	7 058	7 166	7 262	7 366	7 415	7 517	7 617
Consumption	kt	38 532	38 728	38 806	38 699	39 202	39 423	39 678	39 623	39 650	39 843	40 067
of which for food	kt	33 050	33 223	33 366	33 517	33 994	34 241	34 524	34 493	34 716	34 799	35 035
of which for reduction	kt	4 460	4 564	4 514	4 271	4 312	4 301	4 288	4 279	4 098	4 223	4 226
<b>FISHMEAL<sup>5</sup></b>												
<b>World</b>												
Production	kt	4 865.7	5 033.3	5 022.3	4 822.3	4 974.4	5 066.2	5 132.5	5 203.6	5 049.8	5 316.4	5 380.6
from whole fish	kt	3 526.6	3 708.3	3 659.3	3 437.5	3 552.5	3 597.6	3 626.9	3 659.8	3 474.6	3 699.4	3 727.5
Consumption	kt	4 785.5	5 115.7	5 110.7	5 142.3	4 930.4	5 082.2	5 161.5	5 234.1	5 292.9	5 225.4	5 302.5
Variation in stocks	kt	80.2	-57.4	-63.4	-295.1	69.0	9.0	-4.0	-5.6	-243.1	90.9	78.0
Price <sup>6</sup>	USD/t	1 463.3	1 490.2	1 532.0	1 618.7	1 572.7	1 608.4	1 645.0	1 684.0	1 818.9	1 753.7	1 765.8
<b>Developed countries</b>												
Production	kt	1 523.2	1 561.8	1 563.6	1 561.7	1 570.6	1 595.9	1 607.6	1 621.6	1 637.5	1 648.4	1 660.1
from whole fish	kt	1 523.2	1 561.8	1 563.6	1 561.7	1 570.6	1 595.9	1 607.6	1 621.6	1 637.5	1 648.4	1 660.1
Consumption	kt	1 546.1	1 625.3	1 603.8	1 556.8	1 481.6	1 477.5	1 464.2	1 457.7	1 427.5	1 405.5	1 405.6
Variation in stocks	kt	4.5	-33.4	-3.4	-64.1	32.0	2.0	-3.0	-3.6	-57.1	33.9	11.0
<b>Developing countries</b>												
Production	kt	3 342.6	3 471.5	3 458.8	3 260.5	3 403.9	3 470.4	3 524.9	3 581.9	3 412.4	3 668.0	3 720.4
from whole fish	kt	3 342.6	3 471.5	3 458.8	3 260.5	3 403.9	3 470.4	3 524.9	3 581.9	3 412.4	3 668.0	3 720.4
Consumption	kt	3 423.1	3 640.4	3 631.9	3 685.6	3 523.8	3 654.7	3 722.2	3 776.4	3 865.4	3 820.0	3 897.0
Variation in stocks	kt	75.7	-24.0	-60.0	-231.0	37.0	7.0	-1.0	-2.0	-186.0	57.0	67.0
<b>OECD</b>												
Production	kt	1 517.6	1 575.2	1 573.6	1 524.0	1 545.3	1 563.3	1 573.9	1 586.3	1 558.4	1 601.4	1 614.9
from whole fish	kt	1 517.6	1 575.2	1 573.6	1 524.0	1 545.3	1 563.3	1 573.9	1 586.3	1 558.4	1 601.4	1 614.9
Consumption	kt	1 696.2	1 815.8	1 797.7	1 752.0	1 659.6	1 662.1	1 652.2	1 648.2	1 623.1	1 600.0	1 607.9
Variation in stocks	kt	7.8	-34.4	-18.4	-74.1	27.0	7.0	-1.0	-0.6	-62.1	33.9	31.0

**Table C.7. World fish and seafood projections (cont.)**

Calendar year

		Average 2016-18est	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>FISH OIL<sup>5</sup></b>												
<b>World</b>												
Production	kt	1 086.2	1 028.7	1 037.3	1 012.4	1 043.0	1 063.0	1 078.4	1 094.0	1 070.6	1 116.4	1 128.5
from whole fish	kt	614.5	645.2	645.4	614.1	636.8	646.9	654.5	662.4	631.2	669.4	673.9
Consumption	kt	1 095.9	1 057.9	1 067.8	1 077.4	1 036.0	1 075.6	1 079.9	1 091.7	1 111.4	1 086.0	1 128.8
Variation in stocks	kt	-19.8	0.8	-5.6	-45.0	22.0	-2.6	3.5	2.3	-40.8	30.4	-0.3
Price <sup>7</sup>	USD/t	1 601.0	1 633.4	1 688.1	1 803.0	1 787.7	1 837.4	1 880.9	1 925.5	2 053.9	2 009.2	2 048.1
<b>Developed countries</b>												
Production	kt	435.9	429.4	432.5	433.8	437.8	445.2	449.2	453.5	458.4	462.3	466.4
from whole fish	kt	435.9	429.4	432.5	433.8	437.8	445.2	449.2	453.5	458.4	462.3	466.4
Consumption	kt	571.5	602.7	600.2	610.5	583.8	610.8	616.1	628.3	645.6	620.3	644.2
Variation in stocks	kt	-8.5	-2.2	-2.6	-21.0	15.0	1.4	-1.5	-1.7	-19.8	16.4	2.7
<b>Developing countries</b>												
Production	kt	651.3	599.3	604.7	578.6	605.2	617.8	629.2	640.5	612.2	654.1	662.2
from whole fish	kt	651.3	599.3	604.7	578.6	605.2	617.8	629.2	640.5	612.2	654.1	662.2
Consumption	kt	479.9	425.2	442.7	446.9	437.2	454.8	458.8	463.4	465.8	465.7	484.7
Variation in stocks	kt	-11.3	3.0	-3.0	-24.0	7.0	-4.0	5.0	4.0	-21.0	14.0	-3.0
<b>OECD</b>												
Production	kt	508.5	523.6	526.0	516.7	523.3	529.0	532.5	536.2	531.1	541.5	545.6
from whole fish	kt	508.5	523.6	526.0	516.7	523.3	529.0	532.5	536.2	531.1	541.5	545.6
Consumption	kt	714.4	754.9	762.7	767.5	736.0	766.0	768.5	778.7	788.2	766.6	797.1
Variation in stocks	kt	-1.7	-1.2	-4.6	-19.0	10.0	-2.6	5.5	-0.7	-18.8	11.4	-2.3

Note: The term "fish" indicates fish, crustaceans, molluscs and other aquatic animals, but excludes aquatic mammals, crocodiles, caimans, alligators and aquatic plants. Average 2016-18est: Data for 2018 are estimated. Prices are in nominal terms.

1. Data are in live weight equivalent.
2. World unit value of aquaculture fisheries production (live weight basis).
3. FAO estimated value of world ex vessel value of capture fisheries production excluding for reduction.
4. World unit value of trade (sum of exports and imports).
5. Data are in product weight.
6. Fishmeal, 64-65% protein, Hamburg, Germany.
7. Fish oil, any origin, N.W. Europe.

Source: OECD/FAO (2019), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: [dx.doi.org/10.1787/agr-outl-data-en](https://dx.doi.org/10.1787/agr-outl-data-en)