

Table A.7. World fish and seafood projections

Calendar year

		Average 2015-17est	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
FISH¹												
World												
Production	kt	171 747	176 476	178 380	180 473	181 458	184 920	187 031	188 820	190 965	190 893	194 675
of which aquaculture	kt	79 729	85 232	87 992	90 883	93 293	95 112	96 980	98 504	100 458	102 070	103 713
Consumption	kt	172 616	177 163	178 969	180 963	181 849	185 212	187 224	188 916	190 960	190 889	194 672
of which for food	kt	153 230	158 492	160 919	163 491	165 558	167 951	169 961	171 648	173 698	174 930	177 343
of which for reduction	kt	14 304	14 334	14 107	13 923	12 911	13 959	13 991	14 024	14 048	12 824	14 173
Price												
Aquaculture ²	USD/t	2 877.6	2 587.0	2 726.6	2 719.6	2 865.3	2 825.3	2 871.1	2 893.2	2 970.2	3 013.2	3 067.0
Capture ³	USD/t	1 557.4	1 603.1	1 664.6	1 684.3	1 748.1	1 734.6	1 755.2	1 764.4	1 781.5	1 803.1	1 818.9
Product traded ⁴	USD/t	2 827.8	2 942.4	3 106.0	3 147.1	3 319.0	3 278.3	3 332.4	3 354.4	3 398.1	3 447.8	3 499.3
Developed countries												
Production	kt	28 860	28 839	29 011	29 112	29 165	29 183	29 178	29 193	29 211	29 281	29 322
of which aquaculture	kt	4 578	4 765	4 924	5 088	5 188	5 228	5 258	5 311	5 371	5 470	5 549
Consumption	kt	37 018	36 746	36 593	36 586	36 559	37 081	36 875	37 253	37 135	37 579	37 433
of which for food	kt	31 893	32 368	32 266	32 303	32 303	32 860	32 676	33 076	32 981	33 432	33 317
of which for reduction	kt	4 428	3 901	3 850	3 806	3 779	3 745	3 722	3 700	3 677	3 669	3 639
Developing countries												
Production	kt	142 582	147 336	149 069	151 062	151 993	155 437	157 553	159 327	161 454	161 312	165 053
of which aquaculture	kt	75 149	80 466	83 067	85 793	88 103	89 882	91 720	93 191	95 085	96 599	98 162
Consumption	kt	135 555	140 386	142 344	144 346	145 259	148 099	150 319	151 632	153 793	153 279	157 208
of which for food	kt	121 326	126 112	128 641	131 176	133 243	135 080	137 273	138 560	140 704	141 486	144 013
of which for reduction	kt	9 872	10 428	10 252	10 112	9 127	10 210	10 264	10 320	10 366	9 150	10 530
OECD												
Production	kt	28 361	28 530	28 752	28 908	28 688	28 862	29 047	29 137	29 229	28 880	29 364
of which aquaculture	kt	6 197	6 414	6 641	6 846	6 986	7 037	7 081	7 160	7 242	7 364	7 466
Consumption	kt	38 349	38 704	38 584	38 634	38 369	39 017	38 914	39 365	39 296	39 477	39 717
of which for food	kt	33 107	33 610	33 594	33 722	33 696	34 254	34 141	34 607	34 554	35 031	35 025
of which for reduction	kt	4 507	4 472	4 393	4 340	4 151	4 191	4 201	4 186	4 171	3 925	4 120
FISHMEAL⁵												
World												
Production	kt	4 513.0	4 714.1	4 725.1	4 742.1	4 546.5	4 857.2	4 911.1	4 968.0	5 022.4	4 755.8	5 152.5
from whole fish	kt	3 218.7	3 402.3	3 358.7	3 325.0	3 086.6	3 354.9	3 371.5	3 388.6	3 403.1	3 105.5	3 452.5
Consumption	kt	4 551.0	4 839.6	4 803.3	4 842.9	4 875.0	4 850.2	4 860.2	4 961.9	5 017.1	4 949.9	5 045.7
Variation in stocks	kt	-73.3	63.8	86.1	38.5	-204.2	86.3	95.2	25.4	-0.3	-204.8	86.2
Price ⁶	USD/t	1 474.7	1 475.7	1 507.2	1 507.5	1 621.9	1 574.3	1 601.9	1 632.4	1 657.5	1 762.9	1 720.3
Developed countries												
Production	kt	1 472.9	1 465.0	1 476.9	1 486.2	1 498.6	1 506.6	1 514.3	1 523.0	1 531.5	1 543.3	1 550.7
from whole fish	kt	1 472.9	1 465.0	1 476.9	1 486.2	1 498.6	1 506.6	1 514.3	1 523.0	1 531.5	1 543.3	1 550.7
Consumption	kt	1 525.7	1 514.9	1 466.5	1 442.3	1 402.4	1 370.5	1 331.7	1 318.0	1 296.6	1 235.9	1 238.9
Variation in stocks	kt	4.7	-16.2	1.1	3.5	-42.2	34.3	10.2	0.4	-0.3	-42.8	34.2
Developing countries												
Production	kt	3 039.5	3 249.1	3 248.2	3 255.9	3 047.9	3 350.6	3 396.7	3 445.0	3 490.9	3 212.6	3 601.8
from whole fish	kt	3 039.5	3 249.1	3 248.2	3 255.9	3 047.9	3 350.6	3 396.7	3 445.0	3 490.9	3 212.6	3 601.8
Consumption	kt	3 219.9	3 324.7	3 336.8	3 400.6	3 472.6	3 479.7	3 528.5	3 644.0	3 720.5	3 714.0	3 806.8
Variation in stocks	kt	-78.0	80.0	85.0	35.0	-162.0	52.0	85.0	25.0	0.0	-162.0	52.0
OECD												
Production	kt	1 470.2	1 575.0	1 576.8	1 580.4	1 551.3	1 575.5	1 592.0	1 603.5	1 615.0	1 571.8	1 633.7
from whole fish	kt	1 470.2	1 575.0	1 576.8	1 580.4	1 551.3	1 575.5	1 592.0	1 603.5	1 615.0	1 571.8	1 633.7
Consumption	kt	1 657.5	1 639.5	1 604.6	1 588.2	1 553.3	1 528.3	1 496.9	1 491.6	1 476.9	1 419.2	1 429.7
Variation in stocks	kt	-70.4	23.8	26.1	28.5	-92.2	44.3	25.2	25.4	-0.3	-92.8	44.2

Table A.7. World fish and seafood projections (cont.)

Calendar year

		Average 2015-17est	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
FISH OIL⁵												
World												
Production	kt	910.6	935.9	933.8	934.2	902.3	947.7	956.3	964.8	973.2	930.6	993.0
from whole fish	kt	566.5	580.6	572.1	566.8	529.2	569.1	572.0	574.4	576.5	527.5	583.4
Consumption	kt	946.1	933.0	939.6	941.3	993.4	911.0	941.5	974.9	985.4	1 020.2	956.3
Variation in stocks	kt	-21.7	14.6	5.9	4.6	-79.4	48.4	26.5	1.6	-0.6	-77.9	48.4
Price ⁷	USD/t	1 654.7	1 645.4	1 798.5	1 833.6	1 979.9	1 825.7	1 857.7	1 864.7	1 888.1	2 137.7	1 919.2
Developed countries												
Production	kt	407.4	380.9	381.4	381.1	381.2	380.8	380.9	381.1	381.3	382.2	382.2
from whole fish	kt	407.4	380.9	381.4	381.1	381.2	380.8	380.9	381.1	381.3	382.2	382.2
Consumption	kt	544.5	499.0	511.9	515.7	585.8	480.1	498.9	517.4	519.9	583.5	485.0
Variation in stocks	kt	7.8	3.6	3.9	2.6	-28.4	23.4	4.5	-0.4	-0.6	-28.9	23.4
Developing countries												
Production	kt	503.3	555.0	552.4	553.1	521.1	566.9	575.5	583.7	591.9	548.4	610.8
from whole fish	kt	503.3	555.0	552.4	553.1	521.1	566.9	575.5	583.7	591.9	548.4	610.8
Consumption	kt	404.7	433.9	427.7	425.6	407.6	431.0	442.6	457.5	465.5	436.7	471.3
Variation in stocks	kt	-29.5	11.0	2.0	2.0	-51.0	25.0	22.0	2.0	0.0	-49.0	25.0
OECD												
Production	kt	466.9	461.6	462.5	464.0	458.7	464.8	469.5	473.3	477.3	469.9	484.8
from whole fish	kt	466.9	461.6	462.5	464.0	458.7	464.8	469.5	473.3	477.3	469.9	484.8
Consumption	kt	635.1	652.5	656.0	651.0	696.3	615.9	637.9	661.1	665.0	697.4	629.5
Variation in stocks	kt	-15.6	9.6	0.9	1.6	-29.4	18.4	6.5	1.6	-0.6	-27.9	18.4

Note: The term "fish" indicates fish, crustaceans, molluscs and other aquatic animals, but excludes aquatic mammals, crocodiles, caimans, alligators and aquatic plants.

Average 2015-17est: Data for 2017 are estimated.

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 (2018), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). doi: dx.doi.org/10.1787/agr-outl-data-en