

Table C.7. World fish and seafood projections

Calendar year

		Average 2018-20est	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
FISH¹												
World												
Production	kt	177 801	180 024	181 281	185 424	188 117	190 121	192 118	192 676	196 214	198 317	200 529
of which aquaculture	kt	84 014	86 282	87 850	90 364	92 454	94 350	95 995	97 759	99 555	101 400	103 339
Consumption	kt	178 260	180 075	181 392	185 525	188 208	190 202	192 189	192 737	196 265	198 358	200 560
of which for food	kt	157 267	159 682	161 935	165 248	167 973	169 990	172 016	173 510	176 126	178 281	180 504
of which for reduction	kt	16 795	16 351	15 483	16 371	16 398	16 444	16 474	15 595	16 576	16 583	16 615
Price												
Aquaculture ²	USD/t	3 014.9	2 966.9	3 118.5	3 152.6	3 192.5	3 253.8	3 303.9	3 365.4	3 391.1	3 431.6	3 468.4
Capture ³	USD/t	1 858.6	1 850.6	1 907.6	1 920.9	1 930.0	1 949.3	1 961.0	1 986.5	1 987.3	1 998.5	2 011.0
Product traded ⁴	USD/t	3 053.4	3 033.3	3 167.4	3 196.7	3 213.1	3 253.0	3 277.4	3 326.9	3 331.0	3 352.9	3 377.5
Developed countries												
Production	kt	29 470	29 711	30 161	30 271	30 565	30 549	30 757	30 751	31 015	30 958	31 028
of which aquaculture	kt	4 798	4 866	4 942	5 031	5 129	5 234	5 321	5 389	5 421	5 453	5 500
Consumption	kt	37 302	36 587	37 112	37 269	37 426	37 430	37 490	37 486	37 670	37 757	37 875
of which for food	kt	31 477	30 888	31 361	31 519	31 678	31 667	31 726	31 710	31 886	31 983	32 102
of which for reduction	kt	4 740	4 709	4 760	4 759	4 756	4 770	4 770	4 783	4 790	4 780	4 779
Developing countries												
Production	kt	148 331	150 314	151 120	155 152	157 552	159 572	161 362	161 925	165 199	167 359	169 501
of which aquaculture	kt	79 216	81 415	82 908	85 333	87 325	89 116	90 673	92 370	94 134	95 947	97 839
Consumption	kt	140 958	143 488	144 280	148 256	150 782	152 773	154 700	155 251	158 595	160 601	162 684
of which for food	kt	125 791	128 794	130 574	133 729	136 295	138 322	140 289	141 800	144 240	146 298	148 402
of which for reduction	kt	12 056	11 642	10 723	11 612	11 642	11 674	11 703	10 813	11 786	11 804	11 837
OECD⁵												
Production	kt	29 156	29 390	29 418	29 717	30 169	30 133	30 323	29 897	30 412	30 440	30 525
of which aquaculture	kt	6 980	7 093	7 270	7 339	7 526	7 679	7 806	7 899	7 963	8 041	8 156
Consumption	kt	39 027	38 512	38 817	39 196	39 430	39 438	39 501	39 270	39 652	39 771	39 900
of which for food	kt	32 776	32 327	32 838	33 042	33 269	33 277	33 357	33 336	33 543	33 675	33 822
of which for reduction	kt	5 060	5 081	4 881	5 059	5 071	5 076	5 063	4 857	5 037	5 029	5 016
FISHMEAL⁶												
World												
Production	kt	5 474.2	5 416.6	5 249.0	5 504.1	5 545.7	5 596.7	5 640.0	5 454.5	5 728.7	5 764.6	5 805.8
from whole fish	kt	4 016.5	3 964.3	3 767.1	3 992.8	4 011.2	4 034.6	4 053.5	3 849.1	4 102.1	4 115.5	4 135.1
Consumption	kt	5 443.9	5 688.2	5 509.1	5 443.8	5 607.6	5 667.5	5 718.2	5 689.3	5 643.3	5 799.8	5 853.4
Variation in stocks	kt	154.0	-180.6	-174.1	141.3	14.2	0.2	-12.2	-173.8	141.4	15.8	-1.6
Price ⁷	USD/t	1 466.6	1 501.2	1 550.0	1 393.5	1 384.0	1 431.9	1 467.1	1 563.3	1 630.4	1 592.1	1 623.0
Developed countries												
Production	kt	1 701.3	1 692.1	1 717.0	1 729.2	1 741.1	1 757.2	1 769.9	1 785.0	1 799.5	1 809.3	1 821.6
from whole fish	kt	1 112.6	1 137.3	1 153.2	1 156.4	1 159.3	1 166.3	1 169.9	1 176.4	1 181.8	1 182.5	1 185.7
Consumption	kt	1 708.4	1 674.4	1 609.3	1 604.3	1 630.2	1 629.9	1 625.5	1 594.4	1 556.0	1 577.4	1 567.2
Variation in stocks	kt	62.7	-71.6	-64.1	42.3	0.2	-7.8	-11.2	-43.8	32.4	8.8	-1.6
Developing countries												
Production	kt	3 772.9	3 724.5	3 532.1	3 774.8	3 804.7	3 839.5	3 870.1	3 669.6	3 929.2	3 955.3	3 984.2
from whole fish	kt	2 903.9	2 827.0	2 613.9	2 836.4	2 852.0	2 868.2	2 883.6	2 672.7	2 920.3	2 933.0	2 949.3
Consumption	kt	3 735.5	4 013.7	3 899.8	3 839.5	3 977.3	4 037.6	4 092.7	4 095.0	4 087.4	4 222.4	4 286.2
Variation in stocks	kt	91.3	-109.0	-110.0	99.0	14.0	8.0	-1.0	-130.0	109.0	7.0	0.0
OECD⁵												
Production	kt	1 636.1	1 651.6	1 619.0	1 668.8	1 683.0	1 695.9	1 704.3	1 669.7	1 720.6	1 729.9	1 738.1
from whole fish	kt	1 146.8	1 173.8	1 133.2	1 174.9	1 181.2	1 186.1	1 186.3	1 144.0	1 186.8	1 188.0	1 188.1
Consumption	kt	1 794.3	1 862.0	1 791.5	1 761.5	1 796.0	1 797.4	1 794.7	1 758.8	1 725.2	1 751.7	1 747.2
Variation in stocks	kt	44.3	-80.6	-66.1	50.3	15.2	-6.8	-8.2	-50.8	40.4	16.8	1.4

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

Calendar year

		Average 2018-20est	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
FISH OIL⁶												
World												
Production	kt	1 104.3	1 156.5	1 133.9	1 175.5	1 192.6	1 195.7	1 207.0	1 170.8	1 227.8	1 230.0	1 235.1
from whole fish	kt	683.8	681.1	646.5	687.4	692.4	696.5	699.5	661.9	707.1	709.4	710.4
Consumption	kt	1 048.1	1 133.8	1 134.5	1 127.7	1 170.9	1 181.2	1 206.0	1 201.2	1 201.7	1 225.3	1 234.5
Variation in stocks	kt	7.8	-8.9	-27.2	26.3	5.1	2.9	-5.6	-31.0	25.5	4.1	0.0
Price ⁸	USD/t	1 783.9	1 852.1	1 865.6	1 728.3	1 723.0	1 798.0	1 827.1	1 988.3	1 977.4	1 997.7	2 027.1
Developed countries												
Production	kt	463.3	489.3	501.1	499.5	509.7	507.5	513.7	513.5	523.6	520.9	522.9
from whole fish	kt	207.5	206.5	208.0	207.5	207.4	208.0	207.8	208.0	208.1	207.3	207.1
Consumption	kt	597.6	639.3	647.2	635.6	651.2	658.0	667.2	674.9	664.5	672.8	671.4
Variation in stocks	kt	-1.4	-6.4	-16.2	12.3	2.1	-1.1	-0.6	-15.0	11.5	3.1	0.0
Developing countries												
Production	kt	641.0	667.2	632.8	676.0	682.9	688.2	693.4	657.3	704.2	709.1	712.2
from whole fish	kt	476.3	474.7	438.5	479.9	485.0	488.5	491.8	453.9	499.0	502.1	503.4
Consumption	kt	450.5	494.5	487.3	492.0	519.7	523.2	538.8	526.3	537.2	552.5	563.1
Variation in stocks	kt	9.2	-2.5	-11.0	14.0	3.0	4.0	-5.0	-16.0	14.0	1.0	0.0
OECD⁵												
Production	kt	538.7	575.8	575.7	583.3	593.8	591.0	596.5	585.5	604.3	601.6	602.9
from whole fish	kt	244.8	248.5	238.3	247.1	247.6	247.8	247.1	236.7	245.7	245.2	244.4
Consumption	kt	729.4	770.6	772.2	758.2	788.5	793.3	809.9	804.9	800.8	816.7	821.0
Variation in stocks	kt	-1.6	8.1	-19.7	14.3	7.1	-0.1	-2.6	-21.0	13.5	3.1	0.0

Note: The term "fish" indicates fish, crustaceans, molluscs and other aquatic animals, but excludes aquatic mammals, crocodiles, caimans, alligators and aquatic plants. Average 2018-20est: Data for 2020 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. Excludes Costa Rica.
6. Data are in product weight.
7. Fishmeal, 64-65% protein, Hamburg, Germany.
8. Fish oil, any origin, N.W. Europe.

Source: OECD/FAO (2021), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en