

Table C.7. World fish and seafood projections

Calendar year

		Average 2019-21est	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
FISH¹												
World												
Production	kt	178 900	183 046	186 400	187 440	190 940	193 198	195 304	195 821	199 653	201 646	203 403
of which aquaculture	kt	87 389	90 777	93 241	95 111	96 892	98 702	100 665	102 718	104 498	106 119	107 659
Consumption	kt	179 726	182 421	186 329	187 546	190 930	193 192	195 302	195 933	199 648	201 646	203 407
of which for food	kt	158 897	161 484	165 396	167 841	170 275	172 613	174 769	176 801	179 256	181 296	183 136
of which for reduction	kt	15 959	16 313	16 425	15 313	16 378	16 394	16 430	15 109	16 452	16 491	16 492
Price												
Aquaculture ²	USD/t	3 026.0	3 740.8	3 407.6	3 490.3	3 481.9	3 577.0	3 689.3	3 932.5	3 829.7	3 919.9	4 012.7
Capture ³	USD/t	1 881.7	2 216.4	2 072.7	2 099.9	2 082.4	2 112.4	2 153.5	2 254.0	2 197.1	2 221.7	2 248.4
Product traded ⁴	USD/t	3 095.5	3 947.9	3 570.0	3 624.7	3 580.5	3 649.7	3 745.2	3 984.9	3 840.4	3 897.7	3 960.1
Developed countries												
Production	kt	28 909	28 864	29 192	29 671	29 656	29 895	29 907	30 232	30 284	30 404	30 473
of which aquaculture	kt	4 894	4 980	5 048	5 157	5 209	5 277	5 351	5 426	5 519	5 573	5 616
Consumption	kt	36 798	36 509	36 715	36 891	36 810	36 936	37 007	37 194	37 037	37 043	37 019
of which for food	kt	31 262	31 155	31 350	31 536	31 510	31 656	31 735	31 926	31 781	31 795	31 781
of which for reduction	kt	4 589	4 392	4 415	4 417	4 374	4 367	4 371	4 379	4 379	4 383	4 385
Developing countries												
Production	kt	149 991	154 182	157 209	157 769	161 284	163 303	165 397	165 589	169 369	171 242	172 930
of which aquaculture	kt	82 495	85 798	88 193	89 954	91 683	93 426	95 313	97 292	98 979	100 546	102 042
Consumption	kt	142 964	145 987	149 684	150 719	154 180	156 310	158 345	158 783	162 651	164 638	166 418
of which for food	kt	127 671	130 404	134 116	136 369	138 826	141 012	143 084	144 921	147 514	149 536	151 385
of which for reduction	kt	11 371	11 921	12 010	10 896	12 004	12 027	12 059	10 730	12 073	12 107	12 107
OECD⁵												
Production	kt	28 653	29 153	29 269	29 235	29 544	29 876	29 892	29 709	30 128	30 351	30 470
of which aquaculture	kt	7 198	7 361	7 459	7 639	7 767	7 892	8 027	8 177	8 323	8 452	8 566
Consumption	kt	38 419	38 412	39 001	38 958	39 076	39 241	39 323	39 279	39 297	39 369	39 392
of which for food	kt	32 179	32 304	32 923	33 132	33 116	33 310	33 426	33 664	33 490	33 586	33 647
of which for reduction	kt	5 058	4 964	4 952	4 717	4 868	4 856	4 839	4 574	4 784	4 778	4 757
FISHMEAL⁶												
World												
Production	kt	4 931.0	4 974.2	5 131.0	4 947.7	5 275.0	5 334.4	5 395.7	5 114.6	5 499.3	5 553.5	5 599.7
from whole fish	kt	3 516.8	3 553.8	3 685.5	3 475.5	3 773.7	3 807.5	3 845.5	3 543.8	3 904.5	3 936.5	3 960.6
Consumption	kt	4 997.4	5 001.8	5 122.7	5 081.8	5 183.2	5 286.8	5 401.3	5 252.2	5 410.4	5 495.2	5 595.6
Variation in stocks	kt	-75.2	-26.6	8.8	-134.1	91.4	46.5	-7.1	-139.6	86.3	55.3	0.6
Price ⁷	USD/t	1 453.1	1 558.3	1 484.4	1 548.6	1 381.1	1 415.5	1 502.2	1 611.9	1 546.7	1 585.5	1 625.6
Developed countries												
Production	kt	1 558.7	1 472.9	1 523.4	1 555.6	1 563.5	1 579.1	1 597.3	1 616.5	1 627.0	1 638.5	1 649.3
from whole fish	kt	983.6	901.1	943.5	968.1	968.3	976.4	987.1	998.7	1 001.5	1 005.6	1 009.0
Consumption	kt	1 611.4	1 516.2	1 528.8	1 480.8	1 496.3	1 493.7	1 490.2	1 431.3	1 456.7	1 454.5	1 453.3
Variation in stocks	kt	21.5	-17.6	7.8	-26.1	30.9	3.0	-8.1	-32.6	24.8	10.8	-0.4
Developing countries												
Production	kt	3 372.3	3 501.2	3 607.6	3 392.2	3 711.5	3 755.2	3 798.4	3 498.1	3 872.3	3 915.0	3 950.4
from whole fish	kt	2 533.2	2 652.7	2 742.0	2 507.3	2 805.4	2 831.1	2 858.4	2 545.1	2 903.0	2 930.9	2 951.6
Consumption	kt	3 584.2	3 785.6	3 883.9	3 881.0	3 956.9	4 053.1	4 161.1	4 060.9	4 183.8	4 260.6	4 352.4
Variation in stocks	kt	-96.7	-9.0	1.0	-108.0	60.5	43.5	1.0	-107.0	61.5	44.5	1.0
OECD⁵												
Production	kt	1 515.0	1 457.9	1 508.9	1 483.5	1 534.6	1 546.2	1 556.5	1 511.1	1 568.7	1 576.8	1 581.7
from whole fish	kt	1 054.0	1 004.4	1 047.9	1 015.2	1 058.9	1 063.5	1 066.7	1 014.1	1 064.4	1 065.5	1 063.4
Consumption	kt	1 715.6	1 652.4	1 676.5	1 621.3	1 624.6	1 614.0	1 604.3	1 539.1	1 563.5	1 564.3	1 566.2
Variation in stocks	kt	-11.9	-18.6	6.8	-27.1	34.9	-3.0	-8.1	-32.6	29.8	5.8	-0.4

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

Calendar year

		Average 2019-21est	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
FISH OIL⁶												
World												
Production	kt	1 091.8	1 169.1	1 214.3	1 187.7	1 244.0	1 260.7	1 270.7	1 227.5	1 299.2	1 308.0	1 315.8
from whole fish	kt	567.4	609.4	646.1	605.2	661.7	668.8	676.5	619.3	690.0	693.2	695.3
Consumption	kt	1 120.7	1 181.9	1 216.7	1 216.3	1 220.7	1 255.9	1 271.9	1 259.2	1 275.6	1 301.6	1 316.0
Variation in stocks	kt	-27.6	-2.8	2.6	-28.6	23.3	4.8	-1.2	-31.7	23.7	6.3	-0.1
Price ⁸	USD/t	1 910.3	2 312.5	2 028.6	1 922.0	1 738.8	1 744.1	1 773.3	2 108.8	1 979.2	2 033.1	2 088.2
Developed countries												
Production	kt	439.1	435.8	454.7	466.7	462.7	469.0	468.4	479.7	477.6	480.2	483.1
from whole fish	kt	167.7	158.2	172.2	173.5	173.2	173.4	173.7	173.8	173.8	174.0	174.2
Consumption	kt	581.9	650.3	662.1	662.3	645.7	672.4	687.6	721.0	712.3	731.7	742.9
Variation in stocks	kt	-2.1	-2.8	2.6	-10.6	7.3	2.8	-1.2	-13.7	7.7	4.3	-0.1
Developing countries												
Production	kt	653.0	733.3	759.6	721.0	781.4	791.7	802.3	747.8	821.6	827.7	832.7
from whole fish	kt	400.1	451.2	473.9	431.8	488.4	495.7	503.1	445.6	516.3	519.2	521.1
Consumption	kt	479.9	481.6	509.6	514.0	540.0	553.5	559.3	518.2	548.3	559.9	568.0
Variation in stocks	kt	-25.5	0.0	0.0	-18.0	16.0	2.0	0.0	-18.0	16.0	2.0	0.0
OECD⁵												
Production	kt	593.8	613.0	636.8	639.3	643.1	649.2	647.8	647.5	654.6	656.9	658.9
from whole fish	kt	199.0	188.4	206.2	197.1	203.6	202.9	201.8	190.1	198.7	198.1	197.0
Consumption	kt	770.6	797.9	827.5	826.2	825.8	854.9	867.4	857.6	868.0	889.6	901.6
Variation in stocks	kt	-3.4	-2.3	2.6	-15.6	12.3	2.8	-1.2	-18.7	12.7	4.3	-0.1

Note: The term "fish" indicates fish, crustaceans, molluscs and other aquatic animals, but excludes aquatic mammals, crocodiles, caimans, alligators and aquatic plants. Average 2019-21est: Data for 2021 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 (2022), "OECD-FAO Agricultural Outlook", OECD Agriculture statistics (database). dx.doi.org/10.1787/agr-outl-data-en