

Table A.25. World fish and seafood projections

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FISH												
World												
Production	kt	158 828	166 515	168 448	171 963	174 218	176 618	178 758	178 903	182 263	184 130	186 095
of which aquaculture	kt	66 254	72 830	75 304	77 508	79 774	82 187	84 330	86 083	87 796	89 625	91 562
Consumption	kt	158 082	165 506	167 539	171 104	173 559	176 009	178 324	178 419	181 929	183 946	185 986
of which for food	kt	135 794	143 762	147 002	149 591	152 253	154 924	157 504	159 097	161 389	163 681	165 890
of which for reduction	kt	16 082	15 697	14 688	15 762	15 654	15 532	15 365	13 944	15 133	14 930	14 833
Price												
Aquaculture ¹	USD/t	2 118.6	2 149.9	2 177.7	2 171.4	2 239.2	2 217.9	2 222.9	2 335.5	2 356.6	2 468.0	2 484.1
Capture ²	USD/t	1 455.3	1 498.5	1 552.8	1 593.9	1 632.5	1 695.2	1 733.6	1 817.9	1 850.8	1 932.6	1 967.3
Product traded ³	USD/t	2 810.2	2 791.7	2 867.8	2 903.3	2 925.7	3 025.9	3 044.7	3 208.6	3 212.2	3 367.0	3 368.1
Developed countries												
Production	kt	28 650	29 518	29 572	29 325	29 261	29 336	29 474	29 570	29 613	29 660	29 732
of which aquaculture	kt	4 263	4 524	4 551	4 663	4 817	5 006	5 189	5 343	5 490	5 616	5 737
Consumption	kt	36 576	37 210	37 289	37 231	37 345	37 398	37 630	37 669	37 800	37 811	37 949
of which for food	kt	31 467	32 014	32 160	32 285	32 489	32 615	32 890	32 976	33 169	33 225	33 399
of which for reduction	kt	4 035	4 193	4 133	3 957	3 874	3 807	3 769	3 728	3 666	3 621	3 585
Developing countries												
Production	kt	130 178	136 996	138 876	142 638	144 958	147 282	149 284	149 334	152 650	154 470	156 364
of which aquaculture	kt	61 991	68 306	70 753	72 846	74 957	77 181	79 141	80 740	82 306	84 009	85 825
Consumption	kt	121 506	128 296	130 251	133 874	136 214	138 611	140 695	140 751	144 130	146 135	148 038
of which for food	kt	104 327	111 749	114 842	117 307	119 764	122 309	124 613	126 121	128 221	130 456	132 492
of which for reduction	kt	12 046	11 505	10 555	11 805	11 780	11 724	11 595	10 216	11 467	11 309	11 248
OECD												
Production	kt	31 472	31 915	32 144	32 429	32 558	32 767	32 919	32 536	33 142	33 155	33 212
of which aquaculture	kt	5 921	6 273	6 348	6 520	6 755	7 028	7 296	7 543	7 776	7 940	8 122
Consumption	kt	38 815	38 951	39 347	39 749	40 034	40 162	40 359	40 029	40 590	40 595	40 747
of which for food	kt	31 543	32 131	32 341	32 568	32 856	33 024	33 314	33 420	33 634	33 762	33 948
of which for reduction	kt	6 092	5 717	5 909	6 092	6 096	6 063	5 975	5 544	5 891	5 767	5 734
FISHMEAL												
World												
Production	kt	5 181.9	5 336.2	5 178.0	5 460.3	5 466.6	5 476.6	5 469.6	5 161.5	5 487.2	5 477.6	5 491.5
from whole fish	kt	3 753.1	3 673.8	3 443.3	3 700.5	3 682.9	3 661.2	3 629.4	3 304.1	3 587.6	3 546.7	3 530.0
Consumption	kt	5 121.7	5 398.7	5 359.3	5 324.1	5 380.8	5 452.1	5 479.8	5 428.5	5 371.9	5 397.6	5 481.4
Variation in stocks	kt	60.2	-62.5	-181.3	136.1	85.7	24.5	-10.2	-266.9	115.3	80.0	10.1
Price ⁴	USD/t	1 614.1	1 674.3	1 691.1	1 481.8	1 489.1	1 495.2	1 524.6	1 610.1	1 560.8	1 591.1	1 616.1
Developed countries												
Production	kt	1 345.0	1 402.2	1 404.7	1 372.3	1 363.4	1 360.3	1 365.3	1 367.8	1 365.8	1 366.9	1 370.0
from whole fish	kt	948.7	992.2	983.5	943.4	925.6	911.6	904.5	896.6	883.6	874.6	867.9
Consumption	kt	1 787.6	1 732.0	1 688.2	1 605.5	1 575.7	1 555.3	1 536.8	1 413.2	1 406.1	1 389.0	1 392.3
Variation in stocks	kt	-4.3	-3.0	-50.3	45.1	0.7	-0.5	-0.2	-45.9	44.3	0.0	0.1
Developing countries												
Production	kt	3 836.9	3 934.0	3 773.3	4 087.9	4 103.2	4 116.3	4 104.3	3 793.7	4 121.5	4 110.7	4 121.4
from whole fish	kt	2 804.4	2 681.6	2 459.8	2 757.1	2 757.3	2 749.6	2 724.9	2 407.6	2 704.0	2 672.1	2 662.1
Consumption	kt	3 334.1	3 666.7	3 671.1	3 718.6	3 805.1	3 896.8	3 943.0	4 015.3	3 965.8	4 008.6	4 089.0
Variation in stocks	kt	64.4	-59.5	-131.0	91.0	85.0	25.0	-10.0	-221.0	71.0	80.0	10.0
OECD												
Production	kt	1 771.5	1 706.0	1 763.0	1 810.3	1 819.0	1 821.0	1 811.8	1 723.2	1 810.5	1 790.9	1 791.5
from whole fish	kt	1 389.7	1 311.7	1 358.4	1 398.8	1 399.4	1 391.4	1 370.9	1 272.7	1 349.9	1 321.1	1 312.7
Consumption	kt	1 972.3	1 967.4	1 943.8	1 891.3	1 873.5	1 866.9	1 860.2	1 742.0	1 743.0	1 733.0	1 754.3
Variation in stocks	kt	15.1	-3.0	-95.3	90.1	0.7	-0.5	-0.2	-90.9	89.3	0.0	0.1

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Table A.25. World fish and seafood projections (cont.)

Calendar year

		Average 2011-13est	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FISH OIL												
World												
Production	kt	1 084.3	1 073.1	1 035.4	1 108.4	1 118.0	1 123.8	1 127.0	1 065.3	1 139.6	1 152.1	1 162.8
from whole fish	kt	716.0	707.1	656.5	717.7	715.3	711.6	705.1	633.4	697.8	689.6	686.7
Consumption	kt	1 073.3	1 081.3	1 077.9	1 078.4	1 099.5	1 124.2	1 127.4	1 121.5	1 095.6	1 141.5	1 162.1
Variation in stocks	kt	11.0	-8.2	-42.5	30.0	18.6	-0.3	-0.4	-56.3	43.9	10.6	0.7
Price ⁵	USD/t	1 821.2	1 843.2	1 947.4	1 844.1	1 879.5	1 925.2	1 974.4	2 153.9	2 034.1	2 051.7	2 072.4
Developed countries												
Production	kt	389.5	376.0	379.1	377.4	380.2	382.0	385.0	387.4	388.9	391.1	393.7
from whole fish	kt	177.3	187.1	183.9	176.4	172.9	169.9	167.9	165.7	162.6	160.3	158.4
Consumption	kt	616.7	581.0	576.6	578.4	588.9	602.3	607.4	605.6	580.1	611.0	620.8
Variation in stocks	kt	5.0	-0.2	-12.5	5.0	-6.4	-0.3	-0.4	-11.3	8.9	0.6	0.7
Developing countries												
Production	kt	694.8	697.1	656.3	731.0	737.8	741.9	742.0	677.9	750.7	761.0	769.1
from whole fish	kt	538.7	520.1	472.6	541.3	542.4	541.8	537.2	467.7	535.3	529.3	528.3
Consumption	kt	456.7	500.2	501.3	500.0	510.6	521.9	519.9	515.9	515.5	530.4	541.4
Variation in stocks	kt	6.0	-8.0	-30.0	25.0	25.0	0.0	0.0	-45.0	35.0	10.0	0.0
OECD												
Production	kt	597.2	560.4	578.5	595.8	604.2	609.1	611.4	595.4	619.9	630.8	639.5
from whole fish	kt	309.5	293.9	303.9	313.5	313.8	312.1	307.5	285.1	303.1	296.7	295.0
Consumption	kt	839.6	829.5	818.8	818.9	829.8	845.0	846.9	840.0	808.5	851.3	863.2
Variation in stocks	kt	3.3	-0.2	-12.5	15.0	3.6	-0.3	-0.4	-26.3	23.9	0.6	0.7

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

Average 2011-13est: Data for 2013 are estimated.

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

Source: OECD and FAO Secretariats.