

Processed Fishery Products

FRESH AND FROZEN

FISH FILLETS AND STEAKS. In 2012 the U.S. production of raw (uncooked) fish fillets and steaks, including blocks, was 674.7 million pounds—99.9 million pounds less than the 774.7 million pounds in 2011 due to decreases in cod, Alaska Pollock, hake, haddock and unclassified species. All fillets and steaks were valued at \$1.7 billion. Despite a decrease of 46.4 million pounds from the 2011 volume, Alaska pollock fillets and blocks led all species with 415 million pounds—62 percent of the total. Production of groundfish fillets and steaks (see Glossary Section—Groundfish) was 515.5 million pounds, a decrease of 89.8 million pounds from 2011.

FISH STICKS AND PORTIONS. The combined production of fish sticks and portions was 209.9 million pounds valued at \$346.9 million compared with the 2011 production of 252.1 million pounds valued at \$450.5 million. The total production of fish sticks amounted to 58.2 million pounds valued at \$87.4 million. The total production of fish portions amounted to 151.7 million pounds valued at \$259.5 million.

BREADED SHRIMP. The production of breaded shrimp in 2012 was 79.7 million pounds valued at \$194 million. This represents a decrease from the 2011 production of 92.5 million pounds valued at \$241 million.

CANNED PRODUCTS

CANNED FISHERY PRODUCTS. The pack of canned fishery products in the 50 states, American Samoa, and Puerto Rico was 879.3 million pounds valued at \$1.6 billion—a decrease in volume of 67.4 million pounds and an increase in value of 136.5 million dollars compared to 2011. The 2012 pack included 581.9 million pounds with a value of \$1.4 billion for human consumption and 297.4 million pounds valued at \$239.8 million for bait and animal food.

CANNED SALMON. The 2012 U.S. pack of salmon was 120.0 million pounds valued at \$410.4 million, decreases in volume from the 2011 levels of 147.7 million pounds but an increase in value from the 2011 level of \$377.4.

CANNED TUNA. The U.S. pack of tuna was 387.0 million pounds valued at \$886 million—an increase of 2.1 million pounds in quantity and of

\$117.3 million in value compared with the 2011 pack. The pack of albacore tuna was 159.0 million pounds comprising 41 percent of the tuna pack in 2012. Lightmeat tuna (bigeye, bluefin, skipjack, and yellowfin) comprised the remainder with a pack of 228 million pounds.

CANNED CLAMS. The 2012 U.S. pack of clams (whole, minced, chowder, juice, and specialties) was 72.3 million pounds valued at \$66.3 million. The pack of whole and minced clams was 17.2 million pounds. Clam chowder and clam juice was 55.1 million pounds and made up the majority of the pack.

OTHER CANNED ITEMS. The pack of pet food and bait was 297.4 million pounds valued at \$239.8 million—a decrease in volume and value from the 2011 levels of 305.9 million pounds worth \$224.9 million.

INDUSTRIAL FISHERY PRODUCTS

INDUSTRIAL FISHERY PRODUCTS. The value of the domestic production of industrial fishery products was \$497.5 million—an increase of \$62.4 million compared with the 2011 value and above recent historical levels.

FISH MEAL. The domestic production of fish and shellfish meal was 585.6 million pounds valued at \$280 million—decreases of 35.3 million pounds and an increase of \$41.3 million compared with 2011. Most of this production was fish meal (585.1 million pounds) while shellfish meal production was 492 thousand pounds—an increase of 406 thousand pounds from the 2011 level.

FISH OILS. The domestic production of fish oils was 115.1 million pounds (approximately 14.8 million gallons) valued at \$55.2 million—decreases of 28.1 million pounds and \$7.6 million in value compared with 2011 production.

OTHER INDUSTRIAL PRODUCTS. Oyster shell products, together with agar-agar, animal feeds, crab and clam shells processed for food serving, fish pellets, Irish moss extracts, kelp products, dry and liquid fertilizers, and mussel shell buttons were valued at \$162.3 million.

Processed Fishery Products

VALUE OF PROCESSED FISHERY PRODUCTS, 2011 AND 2012
(Processed from domestic catch and imported products)

Item	2011 (1)		2012	
	Thousand dollars	Percent of total	Thousand dollars	Percent of total
Edible:				
Fresh and frozen	7,889,380	79	8,060,712	78
Canned	1,251,332	13	1,372,940	13
Cured	122,618	1	154,181	1
Total edible	9,263,330	93	9,587,833	93
Industrial:				
Bait and animal food	247,032	2	255,230	2
Meal and oil	301,462	3	335,188	3
Other	128,271	1	156,079	2
Total industrial	676,765	7	746,497	7
Grand total	9,940,095	100	10,334,330	100

(1) Revised. Value is based on selling price at the plant.

U.S. PRODUCTION OF FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, 2003-2012

Year	Fish sticks			Fish portions			Breaded shrimp		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
2003	31,484	14,281	34,743	162,103	73,529	226,915	152,032	68,961	465,347
2004	59,697	27,078	71,419	138,125	62,653	208,579	110,462	50,105	306,456
2005	61,751	28,010	75,654	180,840	82,028	323,353	120,097	54,476	277,613
2006	59,353	26,922	61,942	178,742	81,077	302,984	139,571	63,309	347,152
2007	73,926	33,533	104,974	194,005	88,000	300,137	86,131	39,069	200,147
2008	82,461	37,404	120,615	204,491	92,757	310,213	74,172	33,644	159,416
2009	79,586	36,100	125,258	140,584	63,768	291,569	97,124	44,055	251,594
2010	74,451	33,771	113,069	141,849	64,342	277,466	116,935	53,041	562,928
2011	80,034	36,303	104,829	172,051	78,042	345,686	92,460	41,940	240,976
2012	58,214	26,406	87,430	151,721	68,820	259,504	79,740	36,170	193,837

Processed Fishery Products

PRODUCTION OF FRESH AND FROZEN FILLETS AND STEAKS, BY SPECIES, 2011 AND 2012

Species	2011 (1)			2012		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Fillets:						
Amberjack	31	14	154	89	40	703
Anglerfish	298	135	1,858	311	141	2,034
Bluefish	90	41	297	99	45	404
Cobia	19	8	193	25	11	267
Cod	66,137	29,999	173,127	62,905	28,534	213,004
Cusk	22	10	86	11	5	42
Dolphinfish	6,086	2,761	36,567	3,167	1,437	22,093
Flounders	18,365	8,330	55,176	15,911	7,217	50,401
Groupers	955	433	9,573	1,262	572	12,219
Haddock	26,108	11,843	101,338	10,571	4,795	53,365
Hake	47,916	21,735	57,572	23,139	10,496	34,387
Halibut	8,114	3,680	50,395	3,746	1,699	31,302
Lingcod	111	51	523	169	77	840
Ocean perch:						
Atlantic	1,203	546	4,541	1,060	481	4,476
Pacific	167	76	349	464	210	1,382
Opah	184	83	1,640	188	85	1,672
Patagonian Toothfish	251	114	3,205	364	165	5,714
Pollock:						
Atlantic	2,347	1,065	7,235	2,373	1,076	7,661
Alaska	461,392	209,286	568,404	414,945	188,218	642,096
Rockfishes	2,280	1,034	6,132	2,446	1,109	7,942
Sablefish	687	312	3,742	94	43	935
Salmon	86,281	39,137	447,984	97,932	44,422	446,920
Sea bass	223	101	2,155	284	129	2,831
Sea trout	105	48	661	143	65	849
Shark	48	22	162	62	28	210
Snapper	538	244	4,946	501	227	5,794
Striped bass	137	62	1,231	87	39	941
Swordfish	2,206	1,001	17,753	2,309	1,047	18,757
Tilapia	10,394	4,715	30,253	7,458	3,383	24,904
Tuna	9,405	4,266	81,831	8,919	4,046	79,287
Wahoo	461	209	2,919	229	104	2,035
Wolffish	(2)	(2)	(2)	(2)	(2)	(2)
Yellowtail Jack	148	67	969	48	22	254
Unclassified	13,836	6,276	65,002	8,531	3,870	45,434
Total Fillet	766,542	347,701	1,737,971	669,840	303,837	1,721,153
Steaks:						
Halibut	1,146	520	12,799	839	381	9,912
Salmon	23	11	151	30	14	182
Swordfish	1,134	515	5,944	1,058	480	6,277
Tuna	1,858	843	9,464	700	318	6,584
Unclassified	3,962	1,797	6,405	2,287	1,037	3,004
Total Steaks	8,124	3,685	34,763	4,914	2,229	25,959
Grand total	774,666	351,386	1,772,733	674,754	306,066	1,747,112

(1) Revised

(2) Included in unclassified.

Note: Some fillet products were further processed into frozen blocks.

Processed Fishery Products

PRODUCTION OF CANNED FISHERY PRODUCTS, BY SPECIES, 2011 AND 2012

Species	Pounds per case	2011 (1)			2012		
		Standard Cases	Thousand pounds	Thousand dollars	Standard Cases	Thousand pounds	Thousand dollars
For human consumption:							
Fish:							
Herring	23.4	(5)	(5)	(5)	(5)	(5)	(5)
Salmon:							
Chinook	44.25	159	7	88	159	7	88
Chum	44.25	34,192	1,513	2,406	3,130	139	301
Pink	44.25	2,368,589	104,810	201,230	1,700,369	75,241	189,715
Coho	44.25	9,294	411	879	30	1	9
Sockeye	44.25	925,600	40,958	172,782	1,008,677	44,634	220,290
Total salmon		3,337,834	147,699	377,386	2,712,366	120,022	410,404
Specialties	48	6,505	312	1,301	7,577	364	1,610
Sardines, Maine	23.4	(5)	(5)	(5)	(5)	(5)	(5)
Tuna: (2)							
Albacore:							
Solid	18	7,658,722	137,857	358,086	7,150,825	128,715	382,128
Chunk	18	1,403,004	25,254	56,000	1,684,584	30,323	72,907
Total albacore		9,061,726	163,111	414,086	8,835,409	159,037	455,035
Lightmeat:							
Solid	18	489,485	8,811	24,262	440,385	7,927	23,634
Chunk	18	11,832,418	212,984	330,373	12,225,445	220,058	407,389
Total lightmeat		12,321,903	221,794	354,635	12,665,830	227,985	431,022
Total tuna		21,383,629	384,905	768,721	21,501,239	387,022	886,057
Specialties	48	42	2	25	43	2	25
Other	48	3,938	189	262	3,912	188	256
Total fish	--	24,731,947	533,108	1,147,694	24,225,136	507,598	1,298,352
Shellfish:							
Clam and clam products: (3)							
Whole and minced	15	1,660,109	24,902	45,477	1,148,709	17,231	27,308
Chowder and juice	30	2,699,348	80,980	54,201	1,835,687	55,071	39,011
Specialties	48	(5)	(5)	(5)	(5)	(5)	(5)
Total clams	--	4,359,457	105,882	99,678	2,984,396	72,301	66,319
Crab meat and specialties							
Oyster, specialties	48	(5)	(5)	(5)	(5)	(5)	(5)
Shrimp, natural (4)	6.75	(5)	(5)	(5)	(5)	(5)	(5)
Other	48	35,438	1,701	3,517	36,067	1,731	6,281
Total shellfish	--	4,406,490	107,809	103,638	3,033,771	74,292	74,588
Total for human consumption	--	29,138,438	640,917	1,251,332	27,258,907	581,890	1,372,940
For bait and animal food	48	6,373,036	305,906	224,953	6,196,773	297,445	239,844
Grand total	--	35,511,474	946,823	1,476,285	33,455,680	879,335	1,612,784

(1) Revised.

(2) Flakes included with chunk.

(3) "Cut out" or "drained" weight of can contents are given for whole or minced clams, and net contents for other clam products.

(4) Drained weight.

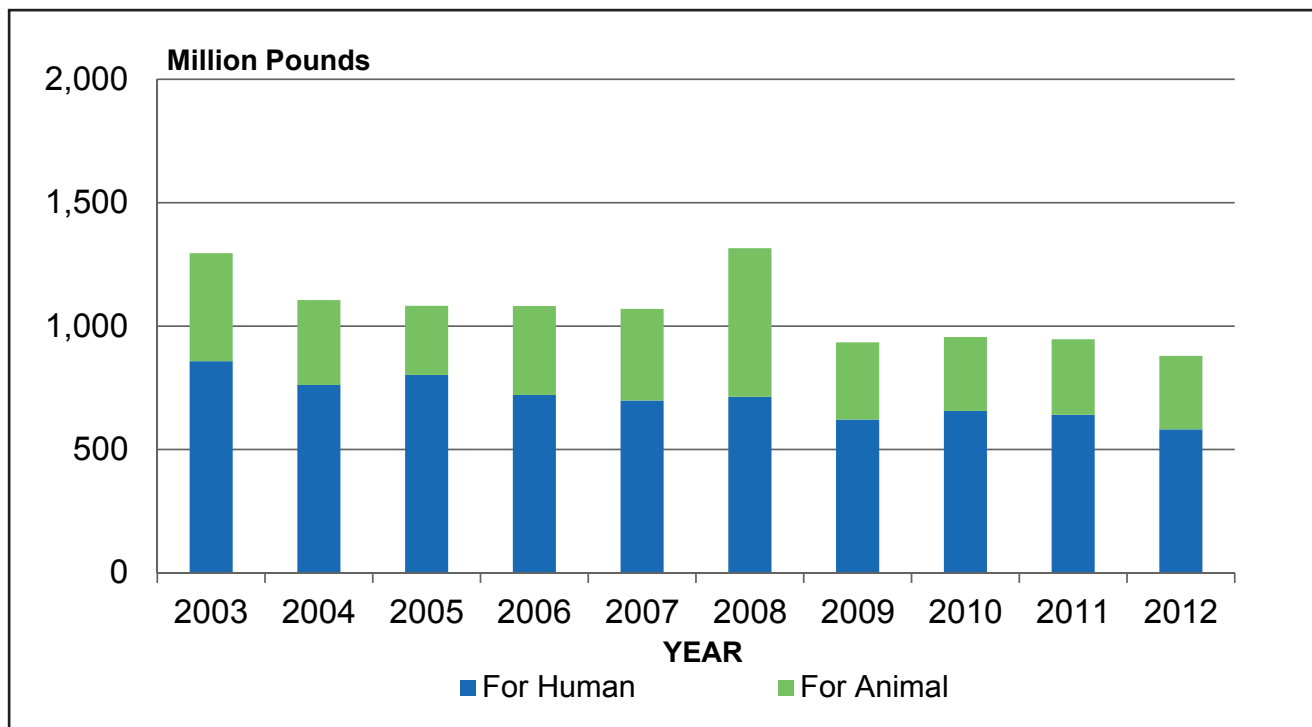
(5) Confidential included with 'Other.'

Processed Fishery Products

PRODUCTION OF CANNED FISHERY PRODUCTS, 2003-2012

Year	For human consumption			For animal food and bait			Total		
	Thousand Pounds	Metric Tons	Thousand dollars	Thousand Pounds	Metric Tons	Thousand dollars	Thousand Pounds	Metric Tons	Thousand dollars
2003	858,065	389,216	1,075,916	437,209	198,317	162,691	1,295,274	587,532	1,238,607
2004	761,562	345,442	966,715	343,895	155,990	133,038	1,105,457	501,432	1,099,753
2005	802,229	363,889	1,081,457	280,268	127,129	129,215	1,082,497	491,017	1,210,672
2006	721,102	327,090	1,100,794	360,241	163,404	229,109	1,081,343	490,494	1,329,903
2007	698,831	316,988	1,090,070	371,032	168,299	233,614	1,069,863	485,287	1,323,684
2008	713,946	323,844	1,191,214	601,678	272,919	231,273	1,315,624	596,763	1,422,487
2009	621,256	281,800	1,190,067	312,887	141,925	217,699	934,143	423,724	1,407,766
2010	656,420	297,750	1,196,346	299,300	135,762	217,583	955,720	433,512	1,413,929
2011	640,917	290,588	1,251,332	305,906	138,209	224,953	946,823	429,476	1,476,285
2012	581,890	263,944	1,372,940	297,445	134,920	239,844	879,335	398,864	1,612,784

Production of Canned Fishery Products, 2003-2012



Processed Fishery Products

PRODUCTION OF MEAL AND OIL, 2011 AND 2012

Product	2011			2012		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Dried scrap and meal:						
Fish	620,737	281,564	238,679	585,073	265,387	279,824
Shellfish	86	39	3	492	223	147
Total, scrap and meal	620,823	281,603	238,682	585,565	265,611	279,971
Body oil, total	143,171	64,942	62,780	115,090	52,204	55,217

Note: To convert pounds of oil to gallons divide by 7.75
The above data includes products in American Samoa and Puerto Rico

PRODUCTION OF INDUSTRIAL PRODUCTS, 2003-2012

Year	Scrap and meal		Marine animal oil		Meal and oil	Other industrial products	Grand total
	Thousand pounds	Metric tons	Thousand pounds	Metric tons	-----Thousand dollars-----		
2003	602,833	273,443	195,699	88,768	168,446	53,514	221,960
2004	571,012	259,009	179,400	81,375	187,801	14,642	202,443
2005	565,169	256,359	157,680	71,523	154,335	52,496	206,831
2006	582,900	264,402	142,747	64,750	185,712	61,000	246,712
2007	563,221	255,475	152,205	69,040	277,874	62,025	339,899
2008	492,828	223,545	190,023	86,194	245,240	64,631	309,871
2009	472,805	214,463	168,157	76,276	227,438	61,657	289,095
2010	487,692	221,216	136,362	61,853	218,937	64,040	282,977
2011	620,823	281,603	143,171	64,942	301,462	133,640	435,102
2012	585,565	265,611	115,090	52,204	335,188	162,341	497,529

Note: Does not include the value of imported items that may be further processed.