

Processed Fishery Products

FRESH AND FROZEN

FISH FILLETS AND STEAKS. In 2005 the U.S. production of raw (uncooked) fish fillets and steaks, including blocks, was 612.2 million pounds—45.6 million pounds more than the 566.6 million pounds in 2004. These fillets and steaks were valued at \$1.1 billion. Alaska pollock fillets and blocks led all species with 383.3 million pounds—63 percent of the total. Production of groundfish fillets and steaks (see Glossary Section-Groundfish) was 484.5 million pounds.

FISH STICKS AND PORTIONS. The combined production of fish sticks and portions was 241.8 million pounds valued at \$396.9 million compared with the 2004 production of 197.8 million pounds valued at \$280.0 million. The total production of fish sticks amounted to 61.4 million pounds valued at \$74.8 million. The total production of fish portions amounted to 180.4 million pounds valued at \$322.1 million.

BREADED SHRIMP. The production of breaded shrimp in 2005 was 119.8 million pounds valued at \$275.6 million, compared with the 2004 production of 110.5 million pounds valued at \$306.5 million.

CANNED PRODUCTS

CANNED FISHERY PRODUCTS. The pack of canned fishery products in the 50 states, American Samoa, and Puerto Rico was 1.1 billion pounds valued at \$1.2 billion—a decrease of 23.4 million pounds and an increase of \$110.4 million compared with the 2004 pack. The 2005 pack included 802.1 million pounds valued at \$1.1 billion for human consumption and 279.9 million pounds valued at \$128.9 million for bait and animal food.

CANNED SALMON. The 2005 U.S. pack of salmon was 218.9 million pounds valued at \$301.0 million, compared with 199.4 million pounds valued at \$251.3 million packed in 2004.

CANNED TUNA. The U.S. pack of tuna was 446.1 million pounds valued at \$627.6 million—an increase of 12.0 million pounds in quantity and \$58.8 million in value compared with the 2004 pack. The pack of albacore

tuna was 185.6 million pounds comprising 42 percent of the tuna pack in 2005. Lightmeat tuna (bigeye, bluefin, skipjack, and yellowfin) comprised the remainder with a pack of 260.5 million pounds.

CANNED CLAMS. The 2005 U.S. pack of clams (whole, minced, chowder, juice, and specialties) was 123.3 million pounds valued at \$126.4 million. The pack of whole and minced clams was 29.1 million pounds and accounted for 24 percent of the total clam pack. Clam chowder and clam juice was 85.8 million pounds and made up the majority of the pack.

OTHER CANNED ITEMS. The pack of pet food was 279.9 million pounds valued at \$128.9 million—a decrease of 64.0 million pounds compared with the 2004 pack.

INDUSTRIAL FISHERY PRODUCTS

INDUSTRIAL FISHERY PRODUCTS. The value of the domestic production of industrial fishery products was \$206.8 million—an increase of \$4.4 million compared with the 2004 value of \$202.4 million

FISH MEAL. The domestic production of fish and shellfish meal was 565.2 million pounds valued at \$123.4 million—a decrease of 5.8 million pounds and \$29.2 million compared with 2004. Fish meal production was 561.1 million pounds valued at \$123.1 million—a decrease of 6.0 million pounds and \$29.2 million from the 2004 production. Shellfish meal production was 4.1 million pounds—an increase of 0.2 million pounds from the 2004 level.

FISH OILS. The domestic production of fish oils was 157.7 million pounds valued at \$30.9 million—a decrease of 21.7 million pounds and \$4.3 million in value compared with 2004 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, pearl essence, and mussel shell buttons were valued at \$52.5 million.

Processed Fishery Products

VALUE OF PROCESSED FISHERY PRODUCTS, 2004 AND 2005 (Processed from domestic catch and imported products)

Item	2004 (1)		2005	
	<u>Thousand dollars</u>	<u>Percent of total</u>	<u>Thousand dollars</u>	<u>Percent of total</u>
Edible:				
Fresh and frozen	5,451,650	79	5,968,260	79
Canned	966,715	14	1,081,314	14
Cured	126,686	2	141,136	2
Total edible	6,545,051	95	7,190,710	95
Industrial:				
Bait and animal food	159,928	2	155,386	2
Meal and oil	187,801	3	154,335	2
Other	14,642	0	52,482	1
Total industrial	362,371	5	362,203	5
Grand total	6,907,422	100	7,552,913	100

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

U.S. PRODUCTION OF FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, 1996-2005

Year	Fish sticks			Fish portions			Breaded shrimp		
	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>
1996	65,244	29,594	55,802	213,962	97,053	306,501	108,486	49,209	341,770
1997	69,167	31,374	64,298	195,554	88,703	285,348	117,471	53,284	334,939
1998	68,778	31,197	63,473	184,681	83,771	211,356	109,481	49,660	333,257
1999	65,019	29,492	63,396	203,279	92,207	269,125	119,149	54,046	351,891
2000	39,925	18,110	42,549	182,736	82,889	233,368	121,399	55,066	375,453
2001	43,014	19,511	41,539	189,186	85,814	235,460	152,205	69,040	539,705
2002	47,587	21,585	51,060	186,748	84,708	237,426	146,724	66,554	463,781
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	61,394	27,848	74,794	180,421	81,838	322,072	119,754	54,320	275,558

Processed Fishery Products

PRODUCTION OF FRESH AND FROZEN FILLETS AND STEAKS, BY SPECIES, 2004 AND 2005

Species	2004 (1)			2005		
	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>
Fillets:						
Amberjack	59	27	273	48	22	185
Anglerfish	991	450	3,340	1,420	644	5,563
Bluefish	74	34	216	79	36	232
Cod	15,025	6,815	54,161	46,396	21,045	114,018
Cusk	78	35	275	82	37	304
Dolphinfish	4,040	1,833	16,649	3,960	1,796	17,366
Drum	14	6	80	8	4	43
Flounders	20,352	9,232	66,130	19,894	9,024	64,756
Groupers	1,691	767	12,670	1,736	787	13,019
Haddock	9,738	4,417	41,792	23,740	10,768	87,580
Hake	40,821	18,516	30,680	26,981	12,239	22,300
Halibut	2,013	913	14,121	4,843	2,197	26,844
Lingcod	133	60	331	144	65	367
Marlins	57	26	240	30	14	97
Ocean perch:						
Atlantic	1,147	520	3,029	1,475	669	4,079
Pacific	722	327	1,466	484	220	947
Pollock:						
Atlantic	3,329	1,510	5,786	2,006	910	4,033
Alaska	384,399	174,362	366,398	383,301	173,864	404,247
Rockfishes	3,866	1,754	9,075	3,346	1,518	7,466
Sablefish	119	54	461	109	49	436
Salmon	32,936	14,940	97,347	49,652	22,522	149,548
Sea bass	932	423	7,229	926	420	7,811
Sea trout	189	86	803	236	107	911
Shark	302	137	968	353	160	974
Snapper	977	443	6,392	891	404	6,520
Swordfish	2,329	1,056	15,893	2,384	1,081	16,704
Tilapia	2,415	1,095	7,132	4,472	2,028	11,163
Tuna	6,444	2,923	42,305	6,963	3,158	49,021
Wahoo	192	87	1,051	269	122	1,828
Whitefish	24	11	113	36	16	165
Wolffish	37	17	118	30	14	83
Unclassified	15,437	7,002	74,791	11,944	5,418	54,604
Total	550,882	249,878	881,315	598,238	271,359	1,073,214
Steaks:						
Halibut	4,146	1,881	22,336	3,157	1,432	17,864
Salmon	1,150	522	4,258	1,115	506	4,924
Swordfish	1,508	684	5,156	1,292	586	4,478
Tuna	3,642	1,652	11,175	3,176	1,441	10,349
Unclassified	5,248	2,380	8,622	5,207	2,362	8,221
Total	15,694	7,119	51,547	13,947	6,326	45,836
Grand total	566,576	256,997	932,862	612,185	277,685	1,119,050

(1) Revised

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

Processed Fishery Products

PRODUCTION OF CANNED FISHERY PRODUCTS, BY SPECIES, 2004 AND 2005

Species	Pounds per case	2004 (1)			2005		
		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	520	23	200	1,627	72	298
Chum	44.25	118,034	5,223	3,452	57,085	2,526	2,002
Pink	44.25	3,227,458	142,815	126,104	3,624,836	160,399	160,945
Coho	44.25	44,565	1,972	2,523	14,169	627	1,372
Sockeye	44.25	1,114,531	49,318	118,999	1,248,927	55,265	136,392
Total salmon		4,505,107	199,351	251,278	4,946,644	218,889	301,009
Specialties	48	14,792	710	5,182	18,688	897	5,424
Sardines, Maine	23.4	(5)	(5)	(5)	(5)	(5)	(5)
Tuna: (2)							
Albacore:							
Solid	18	8,375,778	150,764	279,754	9,108,222	163,948	304,598
Chunk	18	1,785,500	32,139	53,737	1,204,889	21,688	39,099
Total albacore		10,161,278	182,903	333,491	10,313,111	185,636	343,697
Lightmeat:							
Solid	18	302,056	5,437	9,000	324,500	5,841	10,688
Chunk	18	13,654,444	245,780	226,341	14,145,833	254,625	273,216
Total lightmeat		13,956,500	251,217	235,341	14,470,333	260,466	283,904
Total tuna		24,117,778	434,120	568,832	24,783,444	446,102	627,601
Specialties	48	104	5	31	63	3	12
Other	48	351,167	16,856	20,726	235,333	11,296	15,086
Total fish	--	28,988,948	651,042	846,049	29,984,172	677,187	949,132
Shellfish:							
Clam and clam products: (3)							
Whole and minced	15	2,200,267	33,004	60,271	1,938,200	29,073	61,989
Chowder and juice	30	2,270,967	68,129	46,664	2,858,467	85,754	56,071
Specialties	48	141,500	6,792	5,943	175,521	8,425	8,331
Total clams	--	4,612,733	107,925	112,878	4,972,188	123,252	126,391
Crabs, natural	20	821	16	261	308	6	65
Lobster meat and specialties	48	1,167	56	251	2,000	96	418
Oyster, specialties	48	9,271	445	676	4,521	217	420
Shrimp, natural (4)	6.75	152,444	1,029	5,157	97,333	657	3,365
Other	48	21,854	1,049	1,443	15,208	730	1,523
Total shellfish	--	4,798,290	110,520	120,666	5,091,558	124,958	132,182
Total for human consumption	--	33,787,238	761,562	966,715	35,075,730	802,145	1,081,314
For bait and animal food	48	7,164,479	343,895	133,038	5,832,146	279,943	128,858
Grand total	--	40,951,717	1,105,457	1,099,753	40,907,875	1,082,088	1,210,172

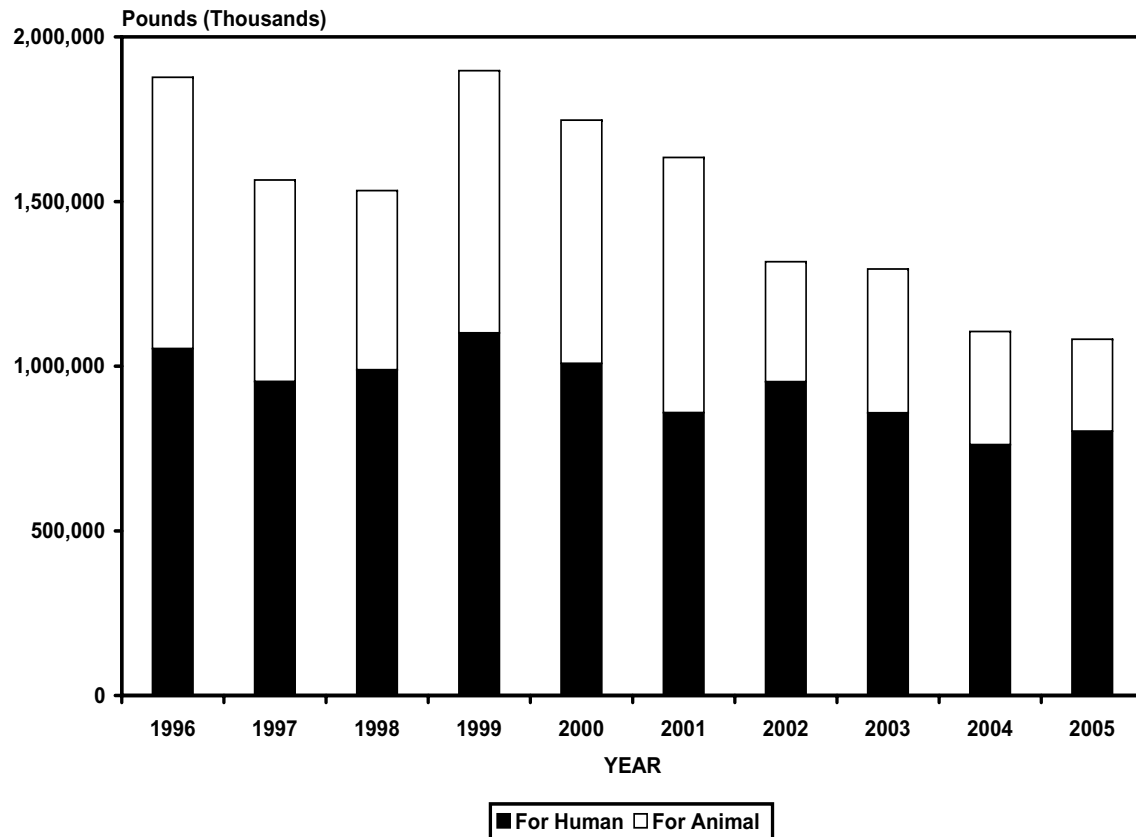
- (1) Revised.
- (2) Flakes included with chunk.
- (3) "Cut out" or "drained" weight of can contents are given for whole or minced clams, and net contents for other clam products.
- (4) Drained weight.
- (5) Confidential included with 'Other.'

Processed Fishery Products

PRODUCTION OF CANNED FISHERY PRODUCTS, 1996-2005

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
1996	1,052,909	477,596	1,428,937	824,094	373,807	370,945	1,877,003	851,403	1,799,882
1997	952,755	432,167	1,361,437	612,320	277,747	231,756	1,565,075	709,913	1,593,193
1998	988,693	448,468	1,425,564	544,328	246,906	349,765	1,533,021	695,374	1,775,329
1999	1,100,329	499,106	1,521,880	796,769	361,412	339,548	1,897,098	860,518	1,861,428
2000	1,008,098	457,270	1,334,012	738,821	335,127	291,992	1,746,919	792,397	1,626,004
2001	858,388	389,362	1,110,426	775,698	351,854	289,941	1,634,086	741,217	1,400,367
2002	952,624	432,107	1,150,224	364,546	165,357	139,618	1,317,170	597,464	1,289,842
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	802,145	363,851	1,081,314	279,943	126,981	128,858	1,082,088	490,832	1,210,172

Production of Canned Fishery Products, 1996-2005



Processed Fishery Products

PRODUCTION OF MEAL AND OIL, 2004 AND 2005

Product	2004			2005		
	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>
Dried scrap and meal:						
Fish	567,111	257,240	152,265	561,125	254,525	123,083
Shellfish	3,901	1,769	359	4,052	1,838	338
Total, scrap and meal	571,012	259,009	152,624	565,177	256,363	123,421
Body oil, total	179,400	81,375	35,177	157,680	71,523	30,914

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, 1996-2005

Year	Scrap and meal		Marine animal oil		Meal and oil	Other industrial products	Grand total
	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand pounds</u>	<u>Metric tons</u>			
					----- Thousand dollars -----		
1996	643,124	291,719	248,399	112,673	187,968	85,583	273,551
1997	724,668	328,707	283,379	128,540	229,222	118,128	347,350
1998	613,434	278,252	222,697	101,015	172,574	60,800	233,374
1999	686,250	311,281	286,182	129,811	188,854	79,325	268,179
2000	638,244	289,506	192,348	87,248	135,815	83,023	218,838
2001	643,989	292,111	279,416	126,742	173,908	82,770	256,678
2002	637,930	289,363	210,867	95,649	181,129	51,886	233,015
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	565,177	256,363	157,680	71,523	154,335	52,482	206,817

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