

CATCH STATISTICS 19705
BALAZS FOLDER

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SECTION 10 - HAWAII FISHERIES

Landings of commercially caught fish and shellfish in the State of Hawaii were 12.9 million pounds worth \$3.4 million to the fishermen--a gain of 1.1 million pounds (9 percent) and \$374,200 (12 percent) compared with the previous year. The increase resulted principally from a skipjack tuna harvest of 9.3 million pounds worth \$1.5 million--1.3 million pounds and \$275,300 more than in 1967. The skipjack catch, however, was somewhat less than the 10-year average (1958-67) of 10 million pounds. Landings of all other species of tuna declined slightly compared with a year earlier. Total tuna landings of 10.3 million pounds worth \$2.3 million were 80 percent of the volume and 65 percent of the value of the Hawaii catch.

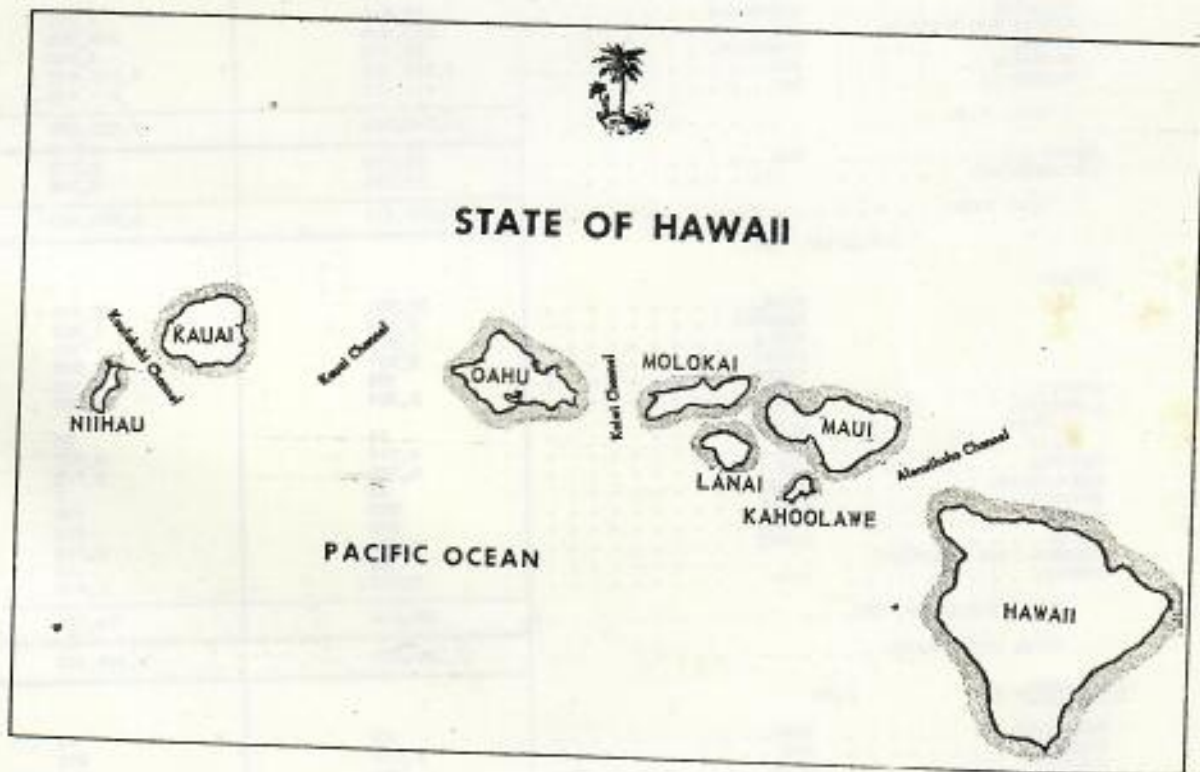
Among other leading species, landings of bigeye scad (898,770 pounds) increased 5 percent; striped marlin (411,986 pounds), 4 percent; and jack mackerel (241,279 pounds), 14 percent.

Fishery products were landed at six of

the eight principal islands that form the State of Hawaii. Oahu led the islands with a production of 10.7 million pounds. The Island of Hawaii was next with 960,900 pounds, followed by Maui with 921,500 pounds. The rest of the landings were made at Kauai, Molokai, and Lanai. In 1968, the catch was taken by 1,032 fishermen who operated 63 vessels of 5 net tons or more, 466 motor boats, and 14 other boats.

The data in this section were assembled and prepared for publication by the Bureau's area office, Honolulu, Hawaii, largely from information collected by the Hawaii Department of Land and Natural Resources, Division of Fish and Game.

The following tables contain summarized and detailed information on the 1968 operating units and catch by islands of the State of Hawaii. Condensed summary data on the operating units and catch of Hawaii, appearing in the following pages, have been published previously in Current Fishery Statistics No. 5248.



HAWAII FISHERIES

HAWAII - CATCH BY SPECIES, 1968 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
OCEAN CATCH CONTINUED:			
MILKFISH	AMA	26,061	\$7,842
MOUNTAIN BASS	AHOLEHOLE	7,291	4,688
MULLET	AMAAMA	26,740	27,898
PARROT FISH	UHU	3,075	1,062
RED BIGEYE	AWEOWED	1,790	704
RUDDERFISH	MEMUE	1,616	697
RUNNER	LAE	1,002	213
SARDINE	MAKAWA	24	9
SEA BASS, BLACK	HAMUPOU	20,865	12,430
SNAPPER:			
GRAY	UKU	49,256	24,496
PINK	KALIKALI	5,103	3,457
PINK	OPAKAPAKA	84,620	49,937
RED	ULAULA OR EHU	22,506	20,304
RED	ULAULA KGAE	69,656	76,866
SPOT	A'WA	1,023	122
SQUIRREL FISH	UU	8,966	6,489
SURGEON FISH:			
KALA		21,154	3,159
MAIKO		422	110
PALANI		7,733	1,668
PUALU		8,763	1,407
ATU		10,429	1,944
CONVICT	MANINI	8,519	4,535
ORANGE SPOT	NAENAE	240	22
TENPOUNDER	AWAAMA	4,418	1,342
THREADFIN	MOI	11,003	10,750
TILAPIA		1	(1)
TRIGGERFISH	HUMHUMU	2,600	809
TUNA:			
ALBACORE	AHIALAHA	22,640	8,213
BIGEYE AND BLUEFIN	AHI	563,916	498,333
LITTLE	KAWAKAWA	27,479	4,900
SKIPJACK	AHU	9,316,463	1,539,415
YELLOWFIN	AHI	411,671	204,480
TOTAL TUNA		10,342,369	2,255,561
WAHOO	ONO	23,599	6,717
UNCLASSIFIED		30,976	9,749
TOTAL FISH		12,815,174	3,370,448
SHELLFISH, ETC.			
CRABS:			
KONA		36,591	35,919
KUAHONU		3,113	3,022
MOALA		1,571	791
PAPAI		3,931	1,663
SAMOAN		158	166
OPIHI		5,339	18,927
LIMPET	ULAPAPAPA	24	20
LOBSTERS:	ULA	4,516	4,297
SLIPPER	HEE	5,735	3,703
SPINY	WANA	63	7
OCTOPUS	LIMU	355	112
SEA URCHIN	OPAE	406	618
SEACLED	MUHEE	3,294	2,148
SHRIMP		84	84
SQUID	HONU	3,063	2,400
TREPANG (SEA CUCUMBER)			
TURTLE			
TOTAL SHELLFISH, ETC.		66,354	74,007
TOTAL OCEAN CATCH		12,883,528	3,444,455
POND CATCH: 2/ FISH			
BARRACUDA	KAKU	87	74
BONEFISH	OIO	2,519	972
CREVALLE, JACK	ULUA	364	313

SEE FOOTNOTES AT END OF TABLE.

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HAWAII FISHERIES

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HAWAII - CATCH BY ISLANDS, 1968 - Continued

SPECIES		HAWAII		MOLOKAI		KAUAI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH CONTINUED:							
SHELLFISH, ETC. CONTINUED							
CRABS CONTINUED:							
	MOALA	-	-	-	-	1,571	\$791
	PAPAI	2,953	\$1,333	46	330	914	311
	SAMON	-	-	-	-	158	160
	OPIHI	2,028	6,350	1,369	4,503	-	-
LIMPET 2/							
LOBSTERS:							
	SLIPPER	-	-	-	-	24	20
	SPINY	-	-	30	33	3,816	3,816
	OCTOPUS	44	43	972	572	2,001	1,398
	SEAWEED	-	-	-	-	300	60
	SQUID	2,054	1,236	-	-	-	-
	TREPANG (SEA CUCUMBER)	54	84	-	-	-	-
	TURTLE	2,119	1,546	824	824	-	-
TOTAL SHELLFISH, ETC.		10,257	13,389	3,244	5,952	44,007	42,768
TOTAL OCEAN CATCH		960,680	261,680	26,240	15,851	10,696,542	2,860,783
POND CATCH 3/:							
FISH							
	BARRACUDA	-	-	-	-	87	74
	BONEY FISH	-	-	100	35	2,419	937
	CREVALLE, JACK	-	-	60	48	304	265
	MILKFISH	-	-	-	-	5,078	2,098
	MOUNTAIN BASS	-	-	-	-	8	3
	MULLET	-	-	130	162	1,002	1,001
	RUNNER	-	-	-	-	136	41
	SURGEON FISH	-	-	-	-	11	3
	TENPOUNDER	-	-	-	-	247	83
	THREADFIN	-	-	-	-	80	69
	UNCLASSIFIED	-	-	-	-	1,193	605
TOTAL FISH		-	-	290	245	11,455	6,079
SHELLFISH, ETC.							
CRABS:							
	KUAHONU	-	-	-	-	21	15
	MOALA	-	-	-	-	6	1
	SAMON	-	-	-	-	264	190
TOTAL SHELLFISH, ETC.		-	-	-	-	291	214
TOTAL POND CATCH		-	-	290	245	11,756	6,293
GRAND TOTAL		960,680	261,680	26,539	16,106	10,708,298	2,867,076
SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:							
FISH							
	AMBERJACK	28,688	\$10,473	4,234	\$1,007	-	-
	BARRACUDA	228	55	52	16	33	\$14
	BARRACUDA, JAPANESE	26	8	701	240	11	4
	BIGEYE SCAD	146,353	48,985	117,075	34,780	2,250	1,276
	BONEY FISH	12,648	1,825	3,756	647	55	13
CREVALLE:							
	BLUE	700	590	75	36	-	-
	JACK	1,961	857	9,483	5,398	292	164
	DANSELFISH	-	-	5	3	-	-
	DOLPHIN	1,643	537	600	283	93	36
GOATFISHES:							
	KUMU	135	170	445	306	-	-
	MOANO	-	-	56	28	-	-
	MOELUA	-	-	5,138	3,098	146	104
	WEKE	401	201	803	307	-	-
	WEKE-ULA	1,280	766	-	-	-	-
	MACKEREL, JACK	9,839	2,867	43,319	13,738	1,257	608
	MARLIN, BLACK	276	70	-	-	-	-
	MILKFISH	188	68	3,927	1,171	-	-
	MOUNTAIN BASS	165	126	862	606	-	-
	MULLET	4,790	4,642	665	663	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

HAWAII - CATCH BY ISLANDS, 1968 - Continued

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH CONTINUED:							
FISH CONTINUED							
PARROT FISH	UMU	16	88	119	\$39	-	-
RED BIGEYE	AMEOWEO	150	58	104	41	-	-
RUDDERFISH	NEMUE	506	222	159	71	-	-
RUNNER	LAE	-	8	566	128	-	-
SARDINE	MAKIWA	52	-	24	9	-	-
SEA BASS, BLACK	HAPUURUU	-	-	1,910	1,072	-	-
SHAPPER:		1,476	554	-	-	8	\$4
GRAY	UMU	-	-	-	-	-	-
PINK	KALIKALI	4,425	1,812	4,141	2,262	178	107
PINK	OPAKAPAKA	-	-	2	1	-	-
RED	ULAUULA OR EHU	258	106	38,197	20,209	89	40
RED	ULAUULA KOAE	295	173	955	573	6	2
SPOT	A'WA	49	29	1,161	735	48	30
SQUIRRELFISH	UU	-	-	103	23	-	-
SURGEON FISH:		424	271	876	548	-	-
	KALA	-	-	-	-	-	-
	PALANI	413	113	1,533	329	-	-
	PURUU	26	5	279	83	-	-
TANG, CONVICT	NANINI	-	-	27	8	-	-
TENPOUNDER	AWA'AWA	1,358	712	142	92	314	165
THREADFIN	MOI	-	-	113	24	-	-
		4,018	3,331	796	542	20	8
TUNA:							
LITTLE	KAWAKAWA	1,622	437	2,504	751	1,432	494
SKIPJACK	AKU	6,301	1,340	658,283	102,164	1,168	405
YELLOWFIN	AHI	31,556	10,887	3,340	741	10	4
TOTAL TUNA		39,679	12,664	664,127	103,656	2,627	903
WAHOO	OHO	3,893	905	1,044	471	-	-
UNCLASSIFIED		292	132	7,034	3,676	12	8
TOTAL FISH		266,895	93,639	914,679	197,119	7,437	3,485
SHELLFISH, ETC.							
CRABS:							
	KONA	1,406	892	2,100	1,066	-	-
	PAPAII	-	-	18	9	-	-
LIMPET 2/	OPIHI	53	193	1,099	5,881	-	-
LOBSTER, SPINY	ULA	154	134	513	314	-	-
OCTOPUS	HEE	991	775	1,634	953	94	52
SEA URCHIN	WANA	-	-	63	7	-	-
SEAWEED	LIMU	58	52	496	618	-	-
SHRIMP	OPAE	-	-	5	3	-	-
SQUID	MUHEE	1,235	909	120	30	-	-
TURTLE	HONU	-	-	-	-	-	-
TOTAL SHELLFISH, ETC.		3,694	2,955	6,698	8,881	94	52
TOTAL OCEAN CATCH		270,789	96,594	921,537	206,000	7,531	3,537
GRAND TOTAL		270,789	96,594	921,537	206,000	7,531	3,537

1/ LESS THAN 50 CENTS

2/ WEIGHT OF MEATS, BASED ON A YIELD OF 20 PERCENT.

3/ SALT-WATER.

HAWAII FISHERIES

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HAWAII - CATCH BY GEAR, 1968 - Continued

SPECIES		CAST NETS		SPEARS		BY HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
GOATFISH	MOANA	1	\$1	-	-	-	-
MOUNTAIN BASS	AHOLEHOLE	107	78	-	-	-	-
MULLET	AMAAMA	100	97	-	-	-	-
FARROT FISH	UHU	48	18	-	-	-	-
RUDDERFISH	NENUE	78	28	-	-	-	-
SURGEON FISH							
	NAIKO	166	78	-	-	-	-
	PALANI	23	5	-	-	-	-
	PUALU	13	1	-	-	-	-
TANG, CONVICT	MANINI	3,727	1,952	-	-	-	-
THREADFIN	MOI	485	315	-	-	-	-
UNCLASSIFIED		163	67	-	-	-	-
LIMPET	OPHI	-	-	28	\$113	5,311	\$18,814
LOBSTER, SPINY	ULA	-	-	-	-	59	59
OCTOPUS	HEE	-	-	4,892	3,272	-	-
TURTLE		-	-	120	50	-	-
TOTAL		4,911	2,638	5,040	3,415	5,370	18,873

SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVY	NEHU	325	\$245	-	-	-	-
BARRACUDA	KAKU	5	2	-	-	67	\$74
BARRACUDA, JAPANESE	KAWELEA	19	7	-	-	-	-
BIGEYE SCAD	AKULE	157	88	-	-	-	-
BONEFISH	OIO	185	49	-	-	2,519	972
CREVALLE, JACK	ULUA	292	215	6	\$2	364	313
DAMSEL FISH	KUPIPI	100	50	-	-	-	-
GOATFISHES:							
	KUNU	624	722	45	59	-	-
	MOELUA	4	3	-	-	-	-
	WEKE	6,720	2,508	-	-	-	-
	WEKE-ULA	-	-	4	2	-	-
MACKEREL, JACK	OPELU	61	43	-	-	-	-
MILKFISH	AWA	904	357	-	-	5,078	2,098
MOUNTAIN BASS	AHOLEHOLE	-	-	-	-	8	3
MULLET	AMAAMA	527	665	-	-	1,132	1,163
FARROT FISH	UHU	167	55	288	84	-	-
RED BIGEYE	AMEOME	3	1	-	-	-	-
RUDDERFISH	NENUE	375	152	-	-	-	-
RUNNER	LAE	15	3	-	-	136	41
SNAPPER, GRAY	UKU	3	2	-	-	-	-
SQUIRREL FISH	UU	189	112	22	19	-	-
SURGEON FISH:							
	KALA	3,678	503	-	-	-	-
	PALANI	340	46	1	(1)	-	-
	PUALU	535	84	-	-	11	3
TANG, CONVICT	MANINI	22	16	-	-	-	-
TENPOUNDER	AWAMA	89	22	-	-	247	83
THREADFIN	MOI	43	30	-	-	80	59
UNCLASSIFIED		22	8	42	22	1,193	605
CRAB:							
	KUAMONU	-	-	-	-	21	15
	NOALA	-	-	-	-	6	1
	SANDAN	-	-	-	-	264	108
SEA URCHIN	WANA	-	-	83	7	-	-
SEAWED	LIMU	-	-	355	112	-	-
SHRIMP	OPAE	496	618	-	-	-	-
SQUID	MUHEE	-	-	2,348	1,542	-	-
TREPANG (SEA CUCUMBER)		-	-	84	84	-	-
TOTAL		15,680	6,607	3,278	1,933	12,046	6,538

1/ LESS THAN 50 CENTS.

SECTION 10 - HAWAII FISHERIES NMFS

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Landings of commercially caught fish and shellfish in the State of Hawaii were 11.1 million pounds worth \$3.9 million to the fishermen--an increase of 1.5 million pounds and \$417,000 compared with 1969. Tuna landings increased from 7.1 million pounds in 1969 to 8.5 million in 1970, and accounted largely for the gain. The principal increase was in skipjack tuna landings of 7.3 million pounds--1.4 million (23 percent) greater than in 1969. Compared with 1969, landings of yellowfin tuna (683,000 pounds) increased 66 percent but albacore, bluefin, and little tuna declined.

Landings of the white crab (*Portunus sanguinolentus*) called "kuahonu" by native Hawaiians were 40,800 pounds--112 percent more than in 1969. The marked increase followed a change from using nets in shallow inshore waters to using traps in deeper waters.

Hawaii State biologists continued investigations intended to develop a mariculture industry for prawns. Assisted by a Federal Aid to States cooperative program administered by NMFS, they began production-type experiments designed to culture the giant Malaysian prawn in ponds. Previous research had led to successful rearing of large numbers of prawns from fertilization through the various juvenile stages.

Fishery products were landed at six of the eight principal islands that form the State of Hawaii. Oahu led the islands with a production of 9.1 million pounds. The Island of Hawaii was next with 830,500 pounds, followed by Maui with 806,400 pounds. The rest of the landings were made at Kauai, Lanai, and Molokai. In 1970, 1,436 fishermen operated 82 vessels of 5 net tons or more, 637 motor boats, and 49 other boats.

The data in this section were assembled and prepared for publication by the NMFS's area office, Honolulu, Hawaii, largely from information collected by the Hawaii Department of Land and Natural Resources, Division of Fish and Game.

The following tables contain summarized and detailed information on the 1970 operating units and landings by islands of the State of Hawaii.



HAWAII FISHERIES

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HAWAII - LANDINGS BY SPECIES, 1970 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS
OCEAN CATCH CONTINUED:			
FISH CONTINUED			
MILKFISH	AMA	14,547	4,865
MOUNTAIN BASS	AHOLEHOLE	2,759	2,360
MULLET	AMAAMA	18,705	22,326
FARROT FISH	UHU	5,699	2,233
RED BIGEYE	ANEOMEA	1,655	775
RUDDERFISH	NENUE	3,267	1,538
RUNNER	LAE	1,474	347
SARDINE	MAKIAMA	1,050	525
SEA BASS, BLACK	HAPULUPUU	39,788	25,227
SNAPPERS:			
GRAY	UNU	48,075	28,394
PINK	KALIKALI	4,451	4,958
PINK	OPAKAPAKA	49,638	39,567
RED	ULAULA OR DHU	16,458	20,824
RED	ULAULA KOAE	38,193	59,876
SPOT	A'AMA	1,219	195
SQUIRRELFISH	UU	18,098	13,907
SURGEON FISH:			
	KALA	22,182	3,762
	MAIKO	622	198
	PALANI	17,422	4,335
	PUALU	8,963	1,955
	A'U	11,623	3,514
SWORDFISH, BROADBILL			
TANG:			
CONVICT	MANINI	8,736	5,726
ORANGE SPOT	NAENAE	1,320	271
TEMPONDER	AMAAMA	2,372	672
THREADFIN	MOI	11,261	11,957
TRIGGERFISH	HUMUMU	1,612	673
TUNA:			
ALBACORE	AHIPALAWA	20,001	10,639
BIGEYE AND BLUEFIN	AHI	476,753	510,015
LITTLE	KAMAKAWA	16,778	4,799
SKIPJACK	AKU	7,342,170	1,490,917
YELLOWFIN	AHI	683,013	496,979
TOTAL TUNA		8,538,721	2,521,349
WAHO	ONO	37,109	12,127
UNCLASSIFIED		24,742	12,260
TOTAL FISH		10,864,372	3,732,748
SHELLFISH ET AL.			
CRABS:			
	KONA	37,379	47,666
	KUAHONU	38,265	45,346
	MOALA	93	50
	PAPA I	5,622	2,784
	SANDAN	35	44
	OPIHI	4,246	20,346
LIMPET			
LOBSTERS:			
SLIPPER	ULAPAPAPA	222	241
SPINY	ULA	5,037	6,205
OCTOPUS	HEE	5,902	4,739
SEAWEEED	LIMU	49,302	10,165
SHRIMP	OPAE	2,317	3,850
SQUID	MUHEE	5,657	3,150
TREPANG (SEA CUCUMBER)		360	440
TURTLE	HONU	11,869	5,017
TOTAL SHELLFISH ET AL.		166,306	156,273
TOTAL OCEAN CATCH		11,030,678	3,889,021
POND CATCH: 1/			
FISH			
BARRACUDA	KAKU	626	555
BONFISH	OIO	3,524	1,410
CREVALLE, JACK	ULUA	325	297
MILKFISH	AWA	10,468	5,235
MOUNTAIN BASS	AHOLEHOLE	58	27
MULLET	AMAAMA	425	482

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

HAWAII - LANDINGS BY ISLANDS, 1970 - Continued

SPECIES		HAWAII		MOLOKAI		KAHOOLAWE	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH CONTINUED:							
FISH CONTINUED:							
TENPOUNDER	AKA'AWA	-	-	8	2	2,233	643
THREADFIN	MOI	141	138	-	-	2,822	3,325
TRIGGERFISH	HUMUHUMU	759	222	-	-	653	451
TUNA:							
ALBACORE	AHIPALAHA	1,404	811	-	-	18,597	9,829
BIGEYE AND BLUEFIN	AHI	54,689	45,099	-	-	421,629	403,807
LITTLE	KAWAKAWA	406	153	15	4	12,638	3,685
SKIPJACK	AKU	242,795	27,086	-	-	6,428,998	1,366,030
YELLOWFIN	AHI	156,200	95,959	-	-	506,320	393,039
TOTAL TUNA		455,494	171,018	15	4	7,368,362	2,236,583
WAHOO	ONO	14,782	5,284	-	-	15,124	4,565
UNCLASSIFIED		7,125	3,660	293	106	11,347	5,400
TOTAL FISH		817,512	337,581	10,914	5,198	8,987,526	3,116,478
SHELLFISH ET AL.							
CRABS:							
	KONA	2,843	2,558	-	-	32,978	44,222
	PAPA'I	2,596	1,483	-	-	2,445	982
	MOALA	-	-	-	-	93	50
	SAMDAN	-	-	-	-	35	44
	KUAHONU	-	-	-	-	38,238	45,331
	OPIHI	1,889	9,434	63	208	-	-
LIMPET 2/ LOBSTERS:							
SLIPPER	ULAPAPAPA	-	-	-	-	222	241
SPINY	ULA	99	98	-	-	4,747	5,948
OCTOPUS	HEE	25	34	645	565	3,422	2,702
SEAWEED	LIMU	51	136	-	-	48,707	14,596
SHRIMP	OPAE	321	527	-	-	789	1,306
SQUID	MUHEE	4,057	2,580	-	-	-	-
TREPANG (SEA CUCUMBER)		39	39	-	-	321	401
TURTLE	HOMU	68	17	-	-	1,537	811
TOTAL SHELLFISH ET AL.		13,008	16,906	708	770	133,531	116,634
TOTAL OCEAN CATCH		830,520	354,487	11,622	5,968	9,091,057	3,233,112
POND CATCH 3/:							
FISH							
BARRACUDA	KAKU	-	-	-	-	626	568
BONEFISH	OIO	-	-	-	-	3,524	1,410
CREVALLE JACK	ULUA	-	-	-	-	326	297
MILKFISH	AWA	-	-	-	-	10,468	5,235
MOUNTAIN BASS	AHOLEHOLE	-	-	-	-	58	27
MULLET	AHAHA	20	26	76	61	329	395
RUNNER	LAE	-	-	-	-	297	61
TENPOUNDER	AKA'AWA	-	-	-	-	148	51
THREADFIN	MOI	-	-	-	-	8	7
UNCLASSIFIED		-	-	310	119	656	238
TOTAL FISH		20	26	386	180	16,440	8,266
SHELLFISH							
CRABS:							
	KUAHONU	-	-	35	28	2,486	2,147
	MOALA	-	-	13	11	277	111
	SAMDAN	-	-	-	-	243	222
TOTAL SHELLFISH		-	-	48	39	3,006	2,480
TOTAL POND CATCH		20	26	434	219	10,446	10,756
GRAND TOTAL		830,540	354,513	12,056	6,187	9,110,503	3,243,878

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

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HAWAII - LANDINGS BY ISLANDS, 1970 - Continued

SPECIES	KAUAI		MAUI		LANAI	
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH:						
FISH						
AMBERJACK	10,369	4,262	2,590	622		
BARRACUDA	226	65	282	76	69	25
BARRACUDA, JAPANESE	56	18	207	59	46	22
BIGEYE SCAD	165,278	62,753	40,138	15,636		
BONEFISH	5,129	1,372	2,169	568	1,655	1,002
CREVALLE:					5	1
BLUE						
JACK	57	21	258	143		
DAMSEL FISH	4,227	1,608	4,570	2,389		
DOLPHIN	3	1	20	17	99	43
GOAT FISHES:	1,544	732	927	469		
KUMU	193	166	491	353	76	30
MALU	1	(1)				
MOANO	16	10	38	19		
MOELUA			5,524	3,300		
MEKE	3,664	1,353	6,181	2,678	21	23
WEKE-ULA	404	268				
OPELU	13,250	5,349	9,579	4,790	375	188
MACKEREL SCAD						
MARLIN:						
BLACK						
STRIPED	1,020	280	261	103		
MILKFISH	222	122				
MOUNTAIN BASS	32	40	3,662	1,111		
MULLET	85	65	1,736	1,313		
PARROT FISH	2,148	2,409	414	290	38	25
RED BIGEYE	79	37	632	222		
RUDDERY FISH	45	19	556	293		
RUNNER	683	416	373	167		
SEA BASS, BLACK			1,066	254		
SHIPPERS:	2,626	1,242	1,128	543		
GRAY						
PINK	7,405	3,513	3,101	1,839	18	11
PINK			37	16		
RED	418	162	26,255	16,060	210	144
RED	214	154	328	206		
SPOT	21	11	602	413		
SQUIRREL FISH			230	49		
SURGEON FISH:	1,054	682	541	352	579	372
KALA	166	72	1,224	319		
PALANI	1,223	392	665	192		
PUALU			201	91		
MANTINI	409	247	805	572	393	224
AWAANA	15	4	116	23		
MOI	7,252	7,716	1,046	778		
TANG, CONVICT						
TEMPONDER						
THREADFIN						
TUNA:						
BIGEYE AND BLUEFIN,			433	109		
LITTLE	614	197	2,034	488	171	62
SKIPJACK	4,201	1,266	661,301	100,035	4,881	1,600
YELLOWFIN	18,753	9,441	1,455	512	65	34
TOTAL TUNA	23,568	10,904	666,129	101,144	5,137	1,696
WAHOO	4,934	1,754	1,277	513	22	11
UNCLASSIFIED	479	232	5,466	2,834	32	28
TOTAL FISH	278,735	108,671	790,917	160,975	8,768	3,845
SHELLFISH ET AL.						
CRABS:						
KONA	884	680	677	425		
KUAHONU	12	9	15	6		
PAPA			481	319		
OPINI	643	3,112	1,651	7,596		
ULA			191	160		
HEE	475	389	1,258	965	137	84
LIMU	534	1,433				
OPAE			1,207	2,027		
MUHEE	690	570				
HONU	228	129	10,036	4,060		
TOTAL SHELLFISH ET AL.	3,406	6,322	15,516	15,557	137	84
TOTAL OCEAN CATCH	282,141	114,993	806,433	176,532	8,905	3,929
GRAND TOTAL	282,141	114,993	806,433	176,532	8,905	3,929

1/ LESS THAN 50 CENTS.

2/ THE WEIGHT OF MEAT FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.

3/ SALT-WATER.

HAWAII FISHERIES

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HAWAII - LANDINGS OF CATCH BY GEAR, 1970 - Continued

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR, SET, OR STAKE		LINES	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SNAPPERS:							
GRAY	UKU	450	277	70	24	47,530	28,081
PINK	KALIKALI	-	-	-	-	4,451	4,928
PINK	OPAKAPAKA	78	56	5	2	49,744	39,515
RED	ULALLA OR EHU	-	-	-	-	16,436	20,792
RED	ULALLA KOAE	-	-	-	-	38,153	59,878
SPOT	AIAWA	23	2	89	14	677	103
SQUIRREL FISH	UU	796	655	1,474	1,230	13,867	10,421
SURGEON FISH:							
	KALA	3,801	224	7,445	1,508	35	7
	MAIKO	21	3	92	14	33	19
	PALANI	8,548	2,125	1,360	342	116	28
	PUALU	475	93	1,155	337	228	46
	AIU	-	-	-	-	45	16
SMORDFISH, BROADBILL, TANG:							
CONVICT	MANINI	2,469	1,679	262	205	11	9
ORANGE SPOT	NAEME	1,144	195	176	76	-	-
TENPOUNDER	AWAANA	-	-	1,815	494	133	67
THREADFIN	MOI	-	-	6,019	6,564	17	18
TRIGGERFISH	HUMUHUMU	853	451	-	-	759	222
TUNA:							
ALBACORE	AHIPALAHA	-	-	-	-	39	17
BIGEYE AND BLUEFIN	AHI	-	-	-	-	2,212	1,948
LITTLE	KAWAKAWA	-	-	-	-	16,234	4,592
SKIPJACK	AKU	-	-	-	-	7,329,715	1,492,360
YELLOWFIN	AHI	-	-	-	-	98,030	35,990
WAHOO	ONO	-	-	-	-	10,469	3,258
UNCLASSIFIED		-	-	-	-	13,217	7,353
CRABS:							
	KUAHONU	3,755	1,801	2,022	784	-	-
	MOALA	36,199	45,287	20	12	33	37
	PAPAI	2,643	1,458	4	2	-	-
	SAMDAN	21	27	13	18	-	-
LOBSTERS:							
SLIPPER	LEAPAPAPA	222	241	-	-	-	-
SPINY	LLA	1,699	2,023	3,064	3,634	2	2
OCTOPUS	HEE	1,257	839	47	46	167	123
SHRIMP	OPAE	477	557	-	-	-	-
SQUID	MUHEE	-	-	-	-	-	-
TURTLE	HONU	-	-	9,980	3,005	5,471	2,990
TOTAL		111,982	85,590	144,622	78,543	8,096,547	1,972,355

LINES - CONTINUED

SPECIES		TROLL		LONG OR SET WITH HOOKS		LIFT NETS	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	KAHALA	98	38	-	-	-	-
BARRACUDA	KAKU	190	44	2,823	628	-	-
CREVALLE:							
BLUE	OMILU	17	5	-	-	-	-
JACK	ULUA	1,335	481	-	-	-	-
DOLPHIN	MAHINAHI	17,058	14,577	24,346	23,502	-	-
MACKEREL SCAD	OPELU	-	-	-	-	76,709	37,516
MARLIN:							
BLACK	AIU	92,618	27,305	79,578	41,014	-	-
SAIFISH	AIU LEPE	144	26	2,173	390	-	-
SHORTBILL	AIU	-	-	22,916	4,872	-	-
SILVER	AIU	135	47	1,325	966	-	-
STRIPED	AIU	7,348	3,054	329,867	213,540	-	-
SNAPPERS:							
PINK	OPAKAPAKA	-	-	11	14	-	-
RED	ULALLA OR EHU	-	-	22	32	-	-
SURGEON FISH	KALA	-	-	-	-	-	-
SMORDFISH, BROADBILL	AIU	-	-	11,777	3,498	16	2
TUNA:							
ALBACORE	AHIPALAHA	103	52	19,962	10,622	-	-
BIGEYE AND BLUEFIN	AHI	540	200	474,436	508,015	-	-
LITTLE	KAWAKAWA	11,376	4,169	-	-	-	-
SKIPJACK	AKU	31,409	14,863	1,085	388	-	-
YELLOWFIN	AHI	12,324	4,756	553,574	448,526	-	-
WAHOO	ONO	30	11	14,316	4,073	-	-
UNCLASSIFIED		-	-	2,348	491	4	3

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

HAWAII - LANDINGS OF CATCH BY GEAR, 1970 - Continued

SPECIES		LINES - CONTINUED				LIFT NETS		
		TROLL		LONG OR SET WITH HOOKS				
		ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS
ENGLISH CRABS:								
	KONA	-	-	-	-	37,379	47,885	
	KALHOMU	-	-	-	-	13	10	
	MOALA	-	-	-	-	89	48	
	PAPA	-	-	-	-	2,962	1,307	
LOBSTER, SPINY	SAMOAN	-	-	-	-	14	17	
	ULA	-	-	-	-	24	32	
TOTAL		174,725	69,634	1,540,561	1,260,571	117,210	86,820	
SPECIES		CAST NETS		SPEARS		BY HAND		
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	
GOATFISH	WEKE	7	2	-	-	-	-	
MOUNTAIN BASS	AHOLEHOLE	242	252	-	-	-	-	
MULLET	AMAAMA	76	77	-	-	-	-	
PARROT FISH	UHU	102	26	-	-	-	-	
RUDDERFISH	NEMUE	144	45	-	-	-	-	
SQUIRRELFISH	UU	100	75	-	-	-	-	
SURGEON FISH:								
	KALA	53	18	-	-	-	-	
	MAIKO	148	72	-	-	-	-	
	PUALU	4	2	-	-	-	-	
TANG, CONVICT	MANINI	4,406	2,554	-	-	-	-	
THREADFIN	MOI	298	268	-	-	-	-	
UNCLASSIFIED		254	165	-	-	-	-	
LIMPET 2/	OPIHI	-	-	-	-	4,246	20,346	
LOBSTER, SPINY	ULA	-	-	-	-	213	266	
OCTOPUS	HEE	-	-	-	-	-	-	
TOTAL		5,844	3,566	4,431	3,731	4,459	20,612	
SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND		
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	
BARRACUDA	KAKU	-	-	-	-	626	565	
BIGEYE SCAD	AKILE	100	75	-	-	-	-	
BONEFISH	OIO	-	-	-	-	3,534	1,410	
CREVALLE, JACK	ULUA	-	-	26	15	326	297	
DANSELFISH	KUPIPI	-	-	32	21	-	-	
EELS:								
CONGER	PUNI	-	-	11	4	-	-	
MORAY	PUNI	-	-	12	1	-	-	
GOATFISHES:								
	KUMU	15	9	267	339	-	-	
	MOANO	8	4	43	38	-	-	
	MOELUA	2	1	-	-	-	-	
	WEKE	3,029	1,213	-	-	-	-	
MILKFISH	AMA	56	12	100	50	-	-	
MOUNTAIN BASS	AHOLEHOLE	9	7	12	2	10,468	5,235	
MULLET	AMAAMA	23	8	25	27	58	27	
PARROT FISH	UHU	90	36	1,459	539	425	482	
RED BIGEYE	AMOWEO	90	36	87	48	-	-	
RUDDERFISH	NEMUE	40	21	117	48	-	-	
RUNNER	LAE	-	-	1,766	1,467	297	61	
SQUIRRELFISH	UU	805	123	40	28	-	-	
SURGEON FISH:								
	MAIKO	137	68	15	6	-	-	
	PALANI	10	3	125	46	-	-	
	PUALU	518	104	-	-	-	-	
TANG, CONVICT	MANINI	143	88	128	76	-	-	
TENPOUNDER	AMRAMA	1,462	1,636	-	-	148	51	
THREADFIN	MOI	145	56	-	-	8	7	
UNCLASSIFIED		-	-	2,496	1,427	966	357	
CRABS:								
	KUAHONU	-	-	-	-	2,521	2,175	
	MOALA	-	-	-	-	290	122	
	SAMOAN	-	-	-	-	243	322	
	ULA	7	7	-	-	-	-	
LOBSTER, SPINY	LIMU	-	-	49,302	16,165	-	-	
SEAMED	OPAE	1,398	2,460	444	843	-	-	
SHRIMP	MUHEE	-	-	186	160	-	-	
SQUID		-	-	360	440	-	-	
TREPANG (SEA CUCUMBER)	HONU	-	-	1,890	1,112	-	-	
TURTLE		-	-	-	-	-	-	
TOTAL		7,993	5,931	58,961	22,902	19,000	11,011	

1/ LESS THAN 90 CENTS.

2/ THE WEIGHT OF MEAT FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.

Fishery Stats for 1971

Digest 65

SECTION 10 - HAWAII FISHERIES

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Landings of commercially caught fish and shellfish in the State of Hawaii were 16.9 million pounds worth \$5.2 million--a gain of 5.8 million pounds and \$1.3 million compared with 1970. Landings of 14.7 million pounds of tuna (principally skipjack) increased 72 percent. Skipjack tuna landings of 13.3 million pounds were 6.0 million more than in 1970, and the best since 1965. Landings of albacore, little, and yellowfin tuna increased moderately, but landings of bluefin tuna declined.

Fishery products were landed at six of the eight principal islands that form the State of Hawaii. Oahu led the islands with a production of 13.7 million pounds. Maui was next with 1.6 million pounds, followed by the Island of Hawaii with 1.2 million. The rest of the landings were made at Kauai, Molokai, and Lanai. In 1971, 1,539 fishermen operated 91 vessels of 5 net tons or more, 773 motor boats, and 39 other boats.

In 1971, six scientists working from the NOAA ship Townsend Cromwell, assigned to the Hawaii laboratory of the Southwest Fisheries Center, made an extensive bait survey among the Caroline, Mariana, and Marshall Islands. Traveling 11,925 nautical miles, the Cromwell stopped at islands and atolls throughout the vast area to determine availability and abundance of baitfish species suitable for the surface pole-and-line skipjack tuna fishery and for live-bait purse seining. The scientists also collected baitfish specimens to provide biological information needed by the people of the islands for management of the bait resources. In addition, they investigated current systems of the Mariana Ridge area as possible mechanisms separating the central and western skipjack tuna stocks.

Two new ships were added to the Hawaii tuna fleet in 1971. The first, the Anela, an 87-foot steel-hulled vessel, is the first addition to the skipjack tuna fleet since 1955. With a cruising range of 2,000 miles at a speed of 13.8 knots, the Anela should be able to make long trips and possibly discover new skipjack tuna grounds. Her first fishing trip was an exploratory fishing charter to NMFS in the vicinity of the Marshall and Samoa Islands. The other vessel, the Lawala, is 76 feet with a hull and superstructure of aluminum alloy. Rigged as a longliner, the Lawala has a spray brine refrigeration system that will accommodate 15 tons of chilled fresh tuna or 20 tons of frozen tuna.

The following tables contain summarized and detailed information on the 1971 operating units and landings by islands of the State of Hawaii. Condensed summary data on the operating units and landings of Hawaii, appearing in the following pages, have been published previously in Current Fishery Statistics No. 6233.

The data in this section were assembled and prepared for publication by the NMFS area office, Honolulu, Hawaii, largely from information collected by the Hawaii Department of Land and Natural Resources, Division of Fish and Game.



HAWAII FISHERIES

HAWAII - LANDINGS BY SPECIES, 1971 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS
OCEAN CATCH			
CONTINUED			
FISH - CONTINUED			
MILKFISH	AMA	8,601	
MOUNTAIN BASS	AHOLEHOLE	3,109	2,775
MULLET	AMAAMA	13,858	2,882
PARROT FISH	UHU	3,289	10,056
RED BIGEYE	AMEMOKO	3,003	1,474
RUDDERFISH	MEHLE	4,725	1,694
RUNNER	LAE	1,025	2,195
SARDINE	MAKIAMA	119	257
SEA BASS, BLACK	HAPUUPUU	49,144	45
SNAPPERS:			35,601
GRAY	UKU	47,800	29,093
PINK	KALIKALI	6,898	7,228
PINK	OPAKAPAKA	79,602	67,340
RED	ULAULA OR EHU	21,073	27,791
RED	ULAULA KOAE	47,596	70,941
SPOT	A'AMA	1,010	174
SQUIRRELFISH	UU	19,520	16,888
SURGEON FISH:			
	KALA	15,450	2,733
	MAIKO	363	192
	PALANI	11,145	3,193
	PUALU	5,026	1,394
	A'U	2,350	796
SWORDFISH, BROADBILL,			
TANG:			
CONVIC	NANINI	6,499	5,855
ORANGE SPOT	NAENAE	1,360	317
TENPOUNDER	AWAAMA	1,781	536
THREADFIN	MOI	7,731	9,983
TRIGGERFISH	HUMUHUMU	1,681	616
TUNA:			
ALBACORE	AHIPALAHA	23,414	11,078
BIGEYE AND BLUEFIN,	AHI	472,268	568,124
LITTLE	KAWAKAWA	23,123	7,088
SKIPJACK	A'U	13,330,945	2,752,709
YELLOWFIN	AHI	825,596	517,114
TOTAL TUNA		14,676,336	3,855,063
Wahoo	ONO	30,111	12,038
UNCLASSIFIED		28,104	16,745
TOTAL FISH		16,618,653	5,027,466
SHELLFISH ET AL.			
CRABS:			
	KONA	48,707	70,141
	KUAHONU	42,554	50,754
	MOALA	117	78
	PAPAI	5,921	3,398
	SANDAN	41	58
	OPHI	2,635	13,325
LIMPET	ULAPAPAPA	90	107
LOBSTERS:	ULA	5,725	7,895
SLIPPER	HEE	8,399	7,924
SPINY	LIMU	88,613	28,367
OCTOPUS	OPAE	2,230	3,177
SEAMED	MUHEE	14,055	6,259
SHRIMP	HONU	437	547
SQUID		19,204	9,851
TREPANG (SEA CUCUMBER)		55	55
TURTLE			
UNCLASSIFIED			
TOTAL SHELLFISH ET AL.		238,094	201,938
TOTAL OCEAN CATCH		16,857,647	5,229,404
POND CATCH: 1/ FISH			
BARRACUDA	KAKU	700	609
BONEFISH	OIO	3,495	1,311
CREVALLE, JACK	ULUA	565	468
MILKFISH	AMA	6,047	4,025
MOUNTAIN BASS	AHOLEHOLE	194	119
MULLET	AMAAMA	1,198	1,524
RUNNER	LAE	547	110
TENPOUNDER	AWAAMA	236	84
THREADFIN	MOI	19	15
UNCLASSIFIED		358	149
TOTAL FISH		15,362	8,415

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

HAWAII - LANDINGS BY ISLANDS, 1971 - Continued

SPECIES		HAWAII		MOLOKAI		KAUAI	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH CONTINUED:							
LIMPET 2/	SHELLFISH, ET AL., CONTINUED						
LOBSTERS:	OPIHI	857	4,426	-	-	15	103
SLIPPER	ULAPAPAPA	-	-	-	-	90	107
SPINY	ULA	70	105	-	-	5,371	7,417
OCTOPUS	HEE	82	95	2,531	2,402	4,401	4,151
SEAWEED	LINU	77	214	-	-	88,477	27,416
SHRIMP	OPAE	-	-	-	-	1,743	2,292
SQUID	NUHEE	12,699	4,660	-	-	-	-
TREPANG (SEA CUCUMBER)		-	-	-	-	420	526
TURTLE	HONU	2,105	1,579	1,680	674	755	123
UNCLASSIFIED		56	56	-	-	-	-
TOTAL SHELLFISH, ET AL.		20,403	14,840	4,211	3,076	191,255	160,422
TOTAL OCEAN CATCH		1,246,789	530,328	10,320	6,150	13,695,728	4,240,666
POND CATCH: 3/ FISH							
BARRACUDA	KAKU	-	-	25	13	675	596
BONEFISH	OIO	-	-	175	88	3,321	1,223
CREVALLE, JACK	ULUA	-	-	-	-	585	468
MILKFISH	AWA	-	-	-	-	6,047	4,026
MOUNTAIN BASS	AHOLEHOLE	-	-	-	-	194	119
MULLET	AMAAMA	255	321	261	260	682	923
RUNNER	LAE	-	-	-	-	547	110
TENPOUNDER	AWAAMA	-	-	-	-	238	84
THREADFIN	MOI	-	-	-	-	19	15
UNCLASSIFIED		-	-	-	-	398	149
TOTAL FISH		255	321	461	381	14,666	7,713
SHELLFISH							
CRABS:	KUAHONU	-	-	30	24	43	39
	MOALA	-	-	25	25	152	136
	SAMOAN	-	-	-	-	3	1
TOTAL SHELLFISH		-	-	55	49	198	176
TOTAL POND CATCH		255	321	516	430	14,864	7,889
GRAND TOTAL		1,247,044	530,649	10,836	6,580	13,710,592	4,248,555
SPECIES		KALAU		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH:							
FISH							
AMBERJACK	KAHALA	7,575	3,789	2,964	1,211	18	8
BARRACUDA	KAKU	123	48	419	111	85	41
BARRACUDA, JAPANESE	KAMELEA	23	8	353	115	-	-
BIGEYE SCAD	AKULE	189,905	71,063	27,683	14,650	1,733	1,173
BONEFISH	OIO	3,405	917	1,104	279	15	5
CREVALLE:							
BLUE	OMILU	312	305	54	31	-	-
JACK	ULLA	4,099	1,890	6,088	4,048	65	46
DOLPHIN	MAHIMAH	1,925	1,064	1,893	1,435	45	21
GOATFISHES:							
	KUMU	39	40	402	372	17	10
	MOANO	2	1	78	45	1	1
	MOELUA	-	-	4,612	3,408	-	-
	WEKE	2,329	1,013	3,040	966	25	8
	WEKE-ULA	1,458	1,124	-	-	-	-
MACKEREL SCAD	OPELU	7,668	3,450	12,092	9,221	40	24
MARLIN:							
BLUE	AIU	300	351	100	48	-	-
STRIPED	AIU	518	254	73	18	-	-
MILKFISH	AWA	216	81	2,234	690	-	-
MOUNTAIN BASS	AHOLEHOLE	108	102	1,245	1,144	41	27
MULLET	AMAAMA	1,855	2,180	218	219	-	-
PARROT FISH	UHU	150	62	349	128	-	-
RED BIGEYE	AWOOME	784	429	180	76	6	4
RUDDERFISH	NENUE	2,276	1,128	547	262	-	-
RUNNER	LAE	2	{ }	915	242	17	4
SARDINE	NAKIAA	-	-	32	8	-	-
SEA BASS, BLACK	HAPUAPU	2,958	1,544	1,359	801	14	10

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

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HAWAII - LANDINGS BY ISLANDS, 1971 - Continued

SPECIES		KALAU		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH CONTINUED:							
FISH - CONTINUED							
SNAPPERS:							
GRAY	UKU	4,395	2,396	3,225	2,499	16	11
PINK	KALIKALI	36	29	-	-	-	-
PINK	OPAKAPAKA	133	94	36,706	28,126	12	7
RED	ULAULA OR ENU	897	678	769	634	-	-
RED	ULAULA KOAE	63	59	2,304	2,518	-	-
SPOT	ATAWA	3	2	162	43	-	-
SQUIRRELFISH	UU	319	290	408	317	534	338
SURGEON FISH:							
	KALA	481	180	1,142	318	-	-
	PALANI	13	6	508	165	10	2
	PALU	-	-	245	103	-	-
TANG:							
CONVICT	MANINI	1,743	1,088	794	692	415	314
ORANGE SPOT	NAENAE	-	-	215	80	-	-
TENPOUNDER	AWAHA	-	-	90	27	18	3
THREADFIN	NOI	4,920	6,072	619	619	22	10
TUNA:							
BIGEY AND BLUEFIN	AHI	1,474	786	62	40	-	-
LITTLE	KAWAKAWA	1,928	782	1,008	202	2,366	1,048
SKIPJACK	AKU	2,775	1,204	1,471,362	284,778	1,712	794
YELLOWFIN	AHI	21,394	11,708	5,804	1,443	14	8
TOTAL TUNA		27,571	14,480	1,478,256	226,463	4,092	1,850
WAHO	ONO	4,850	2,139	1,285	711	25	13
UNCLASSIFIED		2,927	2,457	3,256	2,099	18	8
TOTAL FISH		276,373	120,603	1,508,038	308,911	7,274	3,946
SHELLFISH, ET AL.							
CRABS:							
	KONA	2,507	2,437	255	189	-	-
	KUAHONU	45	41	8	6	-	-
	PAPAI	-	-	65	65	-	-
	OPIHI	501	2,537	1,262	6,260	-	-
LIMPET 2/	ULA	-	-	263	344	21	28
LOBSTERS, SPINY	HEE	309	324	1,021	912	55	40
OCTOPUS	LINU	254	734	3	3	-	-
SEAWEED	OPAE	-	-	487	665	-	-
SHRIMP	MUHEE	1,366	1,299	-	-	-	-
SQUID	HONU	17	21	-	-	-	-
TREPANG (SEA CUCUMBER)		500	50	14,164	7,425	-	-
TURTLE		-	-	-	-	-	-
TOTAL SHELLFISH, ET AL.		5,499	7,643	17,550	16,069	76	68
TOTAL OCEAN CATCH		281,872	128,246	1,615,588	320,000	7,350	4,014
GRAND TOTAL		281,872	128,246	1,615,588	320,000	7,350	4,014

1/ LESS THAN 50 CENTS.
 2/ THE WEIGHT OF MEAT FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.
 3/ SALTWATER.

HAWAII FISHERIES

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HAWAII - LANDINGS OF CATCH BY GEAR, 1971 - Continued

ENGLISH	SPECIES	HAWAIIAN	POTS AND TRAPS		GILL NETS, ANCHOR, SET, OR STAKE		LINES	
			POUNDS	DOLLARS	POUNDS	DOLLARS	HAND	
							POUNDS	DOLLARS
SURGEON FISH:		KALA	4,086	340	7,619	1,485	42	5
		NAIRO	-	-	89	29	13	8
		PALANI	7,021	1,971	1,044	364	300	74
		PUALU	1,347	279	912	274	180	39
TANG:		MANINI	2,129	1,608	1,316	1,083	29	23
CONVICT		NAENAE	1,137	235	223	82	-	-
ORANGE SPOT		AWAWA	50	15	1,184	333	421	142
TENPOUNDER		MOI	-	-	3,245	4,038	13	15
THREADFIN		HUMUHUMU	570	331	-	-	1,303	277
TRIGGERFISH			-	-	-	-	-	-
TUNA:			-	-	-	-	-	-
BIG EYE AND BLUEFIN		AHI	-	-	-	-	901	399
LITTLE		KAWAKAWA	-	-	-	-	19,341	5,308
SKIPJACK		AKU	-	-	-	-	13,324,543	2,749,899
YELLOWFIN		AHI	-	-	-	-	370,082	152,676
MAHO		OMO	-	-	-	-	13,951	5,926
UNCLASSIFIED FISH			4,296	2,249	1,530	803	14,316	9,736
CRABS:			-	-	-	-	-	-
		KONA	599	767	-	-	-	-
		KUAMONO	42,491	50,696	8	6	2	2
		MOALA	48	34	-	-	-	-
		PAPAI	2,532	1,485	85	68	-	-
		SAMDAN	20	20	-	-	-	-
LOBSTERS:			-	-	-	-	-	-
SLIPPER		ULAPAPAPA	90	107	-	-	-	-
SPINY		ULA	2,113	2,796	3,253	4,636	-	-
OCTOPUS		HEE	797	941	85	84	156	146
SHRIMP		OFAE	1,166	1,213	-	-	-	-
SQUID		MAHEE	-	-	-	-	-	-
TURTLE		HONU	-	-	5,274	2,725	13,192	5,721
TOTAL			114,077	90,552	137,050	81,307	14,490,227	3,470,043

ENGLISH	SPECIES	HAWAIIAN	LINES, TROLL		LINES, LONG OR SET WITH HOOKS		LIFT NETS	
			POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK		KAHALA	22	8	40	20	-	-
BARRACUDA		KAKU	271	90	1,670	432	-	-
BIG EYE SCAD		AKULE	-	-	-	-	308	233
CREVALLE, JACK		ULUK	1,454	765	-	-	8	4
DOLPHIN		MAHIMAH	26,040	21,616	36,459	32,221	-	-
GOATFISH		MOANO	-	-	-	-	12	6
MACKEREL SCAD		OPELU	-	-	-	-	107,899	56,899
MARLIN:			-	-	-	-	-	-
BLACK		A'U	594	192	1,460	1,263	-	-
BLUE		A'U	29,362	9,345	15,899	11,671	-	-
SAILFISH		A'U LEPE	-	-	969	312	-	-
SHORTBILL		A'U	77	24	5,063	1,471	-	-
STRIPED		A'U	6,108	3,040	161,946	119,074	-	-
RUDDERFISH		NENU	-	-	-	-	20	10
SURGEON:			-	-	-	-	-	-
		KALA	-	-	-	-	150	20
SNORFISH, BROADBILL		NAIRO	19	19	-	-	-	-
TUNA:		A'U	-	-	2,350	796	-	-
ALBACORE			-	-	-	-	-	-
BIG EYE AND BLUEFIN		AHIFALANA	-	-	23,414	11,078	-	-
KAWAKAWA		AHI	1,062	710	470,305	567,015	-	-
SKIPJACK		KAWAKAWA	3,771	1,722	11	8	-	-
YELLOWFIN		AKU	6,317	2,805	85	45	-	-
MAHO		AHI	35,130	18,311	421,374	346,127	-	-
UNCLASSIFIED FISH		OMO	8,617	3,857	7,533	2,255	-	-
CRABS:			338	47	2,707	183	2	1
		KONA	-	-	-	-	46,108	69,374
		KUAMONO	-	-	-	-	8	9
		MOALA	-	-	-	-	69	44
		PAPAI	-	-	-	-	3,254	1,773
		SAMDAN	-	-	-	-	21	32
TOTAL			118,182	62,551	1,151,287	1,093,971	159,659	128,405

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

HAWAII - LANDINGS OF CATCH BY GEAR, 1971 - Continued

SPECIES		CAST NETS		SPEARS		BY HAND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CREVALLE:							
JACK	OMAHA	24	19	-	-	-	-
GOATFISHES:	ULUA	20	16	-	-	-	-
	KUMU	1	1	-	-	-	-
	MOANO	2	1	-	-	-	-
MOUNTAIN BASS	AHOLEHOLE	47	45	-	-	-	-
MULLET	AMAAMA	157	158	-	-	-	-
PARROT FISH	UHU	105	36	-	-	-	-
RUDDERFISH	NENUUE	410	191	-	-	-	-
SQUIRRELFISH	UU	66	33	-	-	-	-
SURGEON FISH:							
	KALA	99	23	-	-	-	-
	MAIKO	254	132	-	-	-	-
	PUALU	7	2	-	-	-	-
TANG, CONVICT	NAHINI	4,501	2,741	-	-	-	-
THREADFIN	MOI	248	258	-	-	-	-
UNCLASSIFIED		308	170	5	3	-	-
LIMPET	OPIHI	-	-	-	-	2,035	13,326
LOBSTER, SPINY	ULA	-	-	-	-	339	439
OCTOPUS	HEE	-	-	7,353	7,044	-	-
TOTAL		6,249	3,826	7,358	7,047	2,074	13,765
SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	KAHALA	-	-	16	3	-	-
BARRACUDA	KAKU	32	47	-	-	700	609
BONEFISH	OIO	-	-	-	-	3,496	1,311
CREVALLE, JACK	ULUA	166	213	127	95	-	-
DAMSELFISH	MAOMAO	270	177	100	62	585	468
EELS:							
CONGER	PUHI	-	-	1	(1)	-	-
MORAY	PUHI	40	4	-	-	-	-
GOATFISHES:							
	KUMU	47	110	427	482	-	-
	MOANO	14	8	132	131	-	-
	WEKE	3,664	1,809	465	205	-	-
	WEKE-ULA	-	-	50	40	-	-
	AWA	-	-	-	-	8,047	4,026
MILKFISH	AHOLEHOLE	224	208	39	31	194	119
MOUNTAIN BASS	AMAAMA	-	-	-	-	1,198	1,524
MULLET	UHU	27	13	1,633	700	-	-
PARROT FISH	AMEOMEOME	86	51	57	35	-	-
RED BIGEYE	NENUUE	379	115	123	57	-	-
RUDDERFISH	LAE	-	-	-	-	547	110
RUNNER	UKU	-	-	10	6	-	-
SNAPPER, GRAY	UU	117	98	2,803	2,428	-	-
SQUIRRELFISH							
SURGEON FISH:							
	KALA	1,653	336	96	76	-	-
	MAIKO	8	4	-	-	-	-
	PALANI	658	192	661	198	-	-
	PUALU	2,053	628	8	4	-	-
TANG, CONVICT	NAHINI	268	200	167	130	-	-
TEMPOUNDER	AMAAMA	25	10	-	-	238	84
THREADFIN	MOI	-	-	-	-	10	15
TRIGGERFISH	HUMUHUMU	8	8	-	-	-	-
UNCLASSIFIED FISH		660	525	1,317	766	388	149
CRABS:							
	KUAHONU	45	41	-	-	73	63
	MOALA	-	-	-	-	3	1
	PAPAI	-	-	50	75	-	-
	SAMDAN	-	-	-	-	177	161
	ULA	20	22	-	-	-	-
LOBSTERS, SPINY	HEE	-	-	8	9	-	-
OCTOPUS	LIMU	-	-	88,313	28,367	-	-
SEAMEED	OPAE	1,064	1,064	-	-	-	-
SHRIMP	MUNE	25	13	847	525	-	-
SQUID	HONU	44	55	393	492	-	-
TREPANG (SEA CUCUMBER)		-	-	12,930	7,125	-	-
TURTLE		-	-	56	56	-	-
UNCLASSIFIED SHELLFISH		-	-	-	-	-	-
TOTAL		11,805	6,911	111,377	42,212	15,635	8,640

1/ LESS THAN 50 CENTS.

NOTE:--THE WEIGHT OF MEATS FOR MOLLUSKS IS BASED ON A YIELD OF 25 PERCENT FOR HARD CLAMS AND 20 PERCENT FOR LIMPETS.

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SECTION 10 - HAWAII FISHERIES

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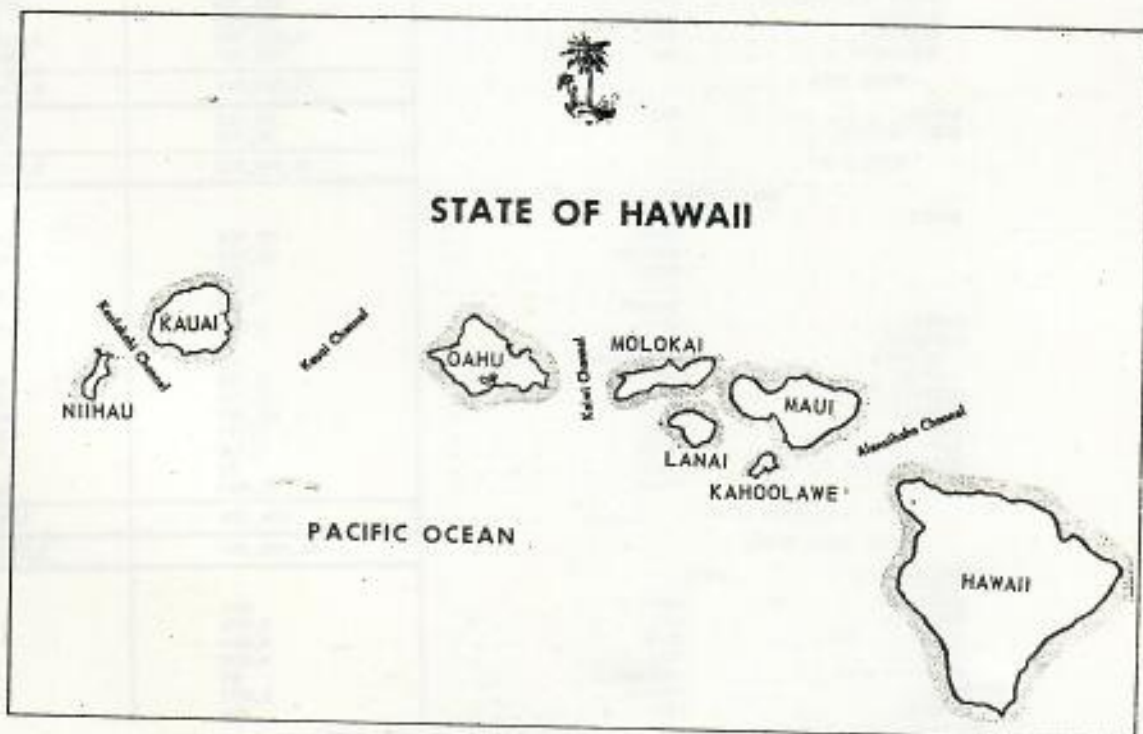
Landings of commercially caught fish and shellfish in the State of Hawaii were 14.4 million pounds worth \$5.7 million--a decline of 2.4 million pounds, but an increase of \$505,000 compared with 1971. Principal reason for the decline was a smaller harvest of tuna, mainly skipjack. Landings of skipjack tuna were 10.9 million pounds in 1972--18 percent less than in 1971. Landings of albacore and yellowfin tuna also declined moderately, but landings of bluefin and little tuna increased.

Fishery products were landed at six of the eight principal islands that form the State of Hawaii. Oahu led the islands with a production of 12.3 million pounds. The Island of Hawaii was next with 1.1 million pounds, followed by Maui with 723,000 pounds. The rest of the landings were made at Kauai, Molokai, and Lanai. In 1972, 1,732 fishermen operated 89 vessels of 5 net tons or more, 828 motorboats, and 11 other boats.

In 1972, a 92-foot, steel hull bait boat, the Anela, entered Hawaii's pole and line skipjack tuna fleet. Her distant water capability was demonstrated when NMFS chartered her for a special scientific exploratory expedition to the Marshall Islands, American Samoa, and the Fiji Islands. At the end of the voyage, which lasted from February to May 1972, the Anela joined the rest of the Hawaii fishing fleet.

Other information. Condensed summary data on the operating units and landings of the State of Hawaii, by islands, appearing in the following pages have been published previously in Current Fishery Statistics No. 6573.

Acknowledgments. The data in this section were assembled and prepared for publication by NMFS area office, Honolulu, Hawaii, largely from information collected by the Hawaii Department of Land and Natural Resources, Division of Fish and Game.



HAWAII FISHERIES

HAWAII - LANDINGS BY SPECIES, 1972 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS
<u>OCEAN CATCH CONTINUED:</u>			
MILKFISH	AWA	6,418	2,417
MOUNTAIN BASS	AHOLEHOLE	3,396	3,249
MULLET	AMAAMA	17,233	23,073
PARROT FISH	OHU	2,328	1,001
RED BIGEYE	AMEKONO	3,193	1,929
RUDDERFISH	MEHUI	5,056	2,337
RUNNER	LAE	1,498	456
SARDINE	MAKIWA	975	512
SEA BASS, BLACK	HAPUUPUU	36,251	31,090
<u>SNAPPERS:</u>			
BLUE LINE	TAAPE	3,520	1,007
GRAY	UKU	51,109	34,927
PINK	KALIKALIKI	6,966	8,477
PINK	OPAKAPAKA	112,204	100,373
RED	ULAULA OR OHU	29,409	42,132
RED	ULAULA KDAE	50,063	64,739
SPOT	ATAWA	1,227	334
SQUIRREL FISH	UU	15,446	14,272
SURGEON FISH			
	KALA	14,580	2,913
	MAIKO	253	142
	PALANI	9,087	3,019
	PUALU	1,998	580
<u>TANGI:</u>			
CONVICT	MANINI	6,038	4,762
ORANGE SPOT	NAENAE	691	166
TILPOUNDER	AWAANA	4,241	2,601
THREADFIN	MOI	6,893	6,926
TILAPIA		11	5
TRIGGERFISH	HUMUHUMU	942	454
<u>TUNA:</u>			
ALBACORE	AHUPALAHA	17,975	11,728
BIGEYE AND BLUEFIN	AHI	503,760	683,848
LITTLE	KAWAKAWA	29,865	7,184
SKIPJACK	AKU	10,903,593	2,949,440
YELLOWFIN	AHI	783,851	550,547
TOTAL TUNA		12,238,044	4,212,757
WAHOO	ONO	39,222	17,557
UNCLASSIFIED		30,759	19,383
TOTAL FISH		14,176,057	5,500,167
<u>SHELLFISH ET AL.</u>			
<u>CRABS:</u>			
	KONA	70,703	101,786
	KUAMONO	38,038	45,631
	MOALA	307	205
	PAPA	3,799	3,542
	SAMOAN	63	69
	OPIHI	3,312	17,016
<u>LIMPET:</u>			
<u>LOBSTERS:</u>			
SLIPPER	ULAPAPAPA	78	53
SPINY	ULA	5,195	8,165
OCTOPUS	HEE	9,476	9,340
SEAMED	LIMU	96,450	34,926
SHRIMP	OPAE	1,077	2,379
SQUID	MUHEE	2,240	1,582
TREPANG (SEA CUCUMBER)	LOLI	29	40
TURTLE	HONU	23,447	10,587
TOTAL SHELLFISH ET AL.		254,224	235,341
TOTAL OCEAN CATCH		14,430,281	5,735,508
<u>POND CATCH: 1/ FISH</u>			
BARRACUDA	KARU	382	338
BONEFISH	OIO	5,096	2,471
CREVALLE, JACK	ULUA	1,081	770
MILKFISH	AMA	1,608	810
MOUNTAIN BASS	AHOLEHOLE	95	69
MULLET	AMAAMA	2,077	2,577
RUNNER	LAE	204	52

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

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HAWAII - LANDINGS BY ISLANDS, 1972 - Continued

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH							
CONTINUED							
SHELLFISH ET AL.							
CRABS:							
	KONA	509	544	-	-	66,016	97,071
	KIAHONO	14	19	-	-	32,031	36,660
	MOALA	-	-	-	-	507	205
	PAPA	2,356	2,767	-	-	1,392	708
	SAMOA	-	-	5	6	56	63
	OPHI	668	4,733	351	1,633	7	43
LIMPET /							
LOBSTERS:							
	SLIPPER	-	-	-	-	76	53
	SPINY	1,543	2,944	-	-	3,375	4,872
	OCTOPUS	109	95	1,227	1,271	4,752	4,407
	SEAWEED	174	266	-	-	95,945	33,721
	SHRIMP	448	1,110	-	-	322	642
	SQUID	2,167	1,504	-	-	20	25
	TREPANG (SEA CUCUMBER)	-	-	-	-	15	19
	TURTLE	-	-	4,267	1,280	7,431	2,514
TOTAL SHELLFISH ET AL.		8,218	13,991	5,850	4,300	211,749	183,075
TOTAL OCEAN CATCH		1,090,557	590,311	15,762	9,577	12,326,912	4,776,573
POND CATCH 2/:							
FISH							
BARRACUDA	KAKU	-	-	11	6	371	332
BONEFISH	OIO	-	-	54	20	5,942	2,451
CREVALLE, JACK	ULUA	-	-	-	-	1,081	770
MILKFISH	AWA	-	-	-	-	1,609	810
MOUNTAIN BASS	ANOLEHOLE	1	1	-	1	94	68
MULLET	ANAHANA	1,649	2,062	-	-	428	535
KUNER	LAE	-	-	-	-	204	52
TEMPONDER	AWAAMA	-	-	-	-	330	118
THREADFIN	MOI	-	-	-	-	103	47
UNCLASSIFIED		-	-	-	-	609	226
TOTAL FISH		1,650	2,063	65	26	10,770	9,409
SHELLFISH							
CRABS:							
	MOALA	-	-	-	-	8	3
	SAMOA	-	-	-	-	226	228
TOTAL SHELLFISH		-	-	-	-	236	231
TOTAL POND CATCH		1,650	2,063	65	26	11,006	5,640
GRAND TOTAL		1,092,207	592,374	15,827	9,603	12,337,918	4,782,215
SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH:							
FISH							
AMBER JACK	KAHALA	8,680	5,120	3,435	1,497	-	-
BARRACUDA	KAKU	113	55	256	147	97	43
BARRACUDA, JAPANESE	KAWALEA	43	23	596	195	-	-
BIGEYE SCAD	AHULE	165,769	63,830	53,016	19,257	2,052	1,177
BONEFISH	OIO	4,706	1,382	760	239	25	1
CREVALLE:							
BLUE	OHILU	37	30	12	9	-	-
JACK	ULUA	3,640	2,285	6,276	4,742	62	38
DANIELFISH	MAOMO	6	2	13	11	-	-
DOLPHIN	MAHIMAH	2,837	1,642	4,400	3,249	316	161
EEL, CONGER	PUHI	10	3	-	-	-	-
GOATFISHES:							
	KUMU	46	48	365	399	-	-
	MOAMO	-	-	149	102	-	-
	MOELUA	-	-	9,807	7,886	-	-
	WEKE	1,932	670	2,270	1,269	-	-
	WEKE-ULA	1,769	1,389	-	-	-	-
MACKEREL SCAD	OPELU	4,024	1,895	7,143	4,608	1,273	726

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

HAWAII - LANDINGS BY ISLANDS, 1972 - Continued

SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
<u>OCEAN CATCH:</u>							
<u>CONTINUED:</u>							
MARLIN:							
SHORTBILL	AIU	-	-	34	14	-	-
STRIPED	AIU	762	339	-	-	-	-
UNCLASSIFIED		-	-	100	27	-	-
MILKFISH	ANA	21	14	3,596	1,214	-	-
MOUNTAIN BASS	AHOLEHOLE	185	103	1,164	1,039	30	24
MULLET	AMAANA	2,088	2,525	279	303	-	-
PARROT FISH	UHU	8	3	165	63	-	-
RED BIGEYE	AWEOME	368	231	400	233	-	-
RUDDERFISH	NEKUE	1,404	874	692	397	-	-
RUNNER	LAE	-	-	1,190	398	-	-
SARDINE	MAKIWA	-	-	83	26	-	-
SEA BASS, BLACK	HAPUUPUU	1,967	966	3,191	1,904	-	-
SNAPPERS:							
BLUE LINE	TAAPE	100	40	20	10	-	-
GRAY	UKU	4,242	2,281	4,803	3,032	1,318	708
PINK	KALIKALI	-	-	28	22	-	-
PINK	OPAKAPAKA	160	109	55,010	45,814	107	96
RED	ULAULA OR EHU	1,409	1,090	357	312	-	-
RED	ULAULA KOAE	633	584	3,191	3,436	13	13
SPOT	AANA	-	-	137	38	-	-
SQUIRRELFISH	UU	638	755	672	636	306	182
SURGEON FISH:							
	KALA	777	307	1,306	281	-	-
	PALANI	30	8	498	189	10	1
TANG, CONVICT	MAHINI	318	190	413	362	310	248
TEMPONDER	AMANA	-	-	71	21	-	-
THREADFIN	HOT	4,067	3,376	856	669	-	-
TUNA:							
BIGEYE AND BLUEFIN	AHI	1,484	832	114	56	-	-
LITTLE	KAWAKAWA	1,554	761	17,825	2,869	1,568	690
SKIPJACK	AKU	3,593	1,729	503,367	85,093	2,431	1,103
YELLOWFIN	AHI	29,136	15,903	3,466	1,417	59	27
TOTAL TUNA		35,624	19,225	524,772	90,035	4,056	1,820
WAHOO							
UNCLASSIFIED	ONO	5,898	2,660	2,300	1,503	162	73
		3,881	3,143	6,257	4,127	-	-
TOTAL FISH		258,992	119,134	699,902	200,665	10,149	5,361
SHELLFISH ET AL.							
CRABS:							
	KONA	3,884	3,879	204	292	-	-
	KUAHONU	323	269	5,670	6,663	-	-
	PAPAI	-	-	21	17	-	-
LIMPET 1/	OPIHI	373	1,837	1,713	6,568	-	-
LOBSTER, SPINY	ULA	-	-	277	349	-	-
OCTOPUS	HEE	141	155	3,138	3,343	109	69
SEAWEED	LIMU	341	939	-	-	-	-
SHRIMP	OPAE	-	-	307	618	-	-
SQUID	MUHEE	53	53	-	-	-	-
TREPANG (SEA CUCUMBER)	LOLI	14	21	-	-	-	-
TURTLE	HONU	200	140	11,549	6,633	-	-
TOTAL SHELLFISH ET AL.		5,320	7,313	22,969	26,503	109	69
TOTAL OCEAN CATCH		263,921	126,447	722,871	227,168	10,258	5,430
GRAND TOTAL		263,921	126,447	722,871	227,168	10,258	5,430

1/ THE WEIGHT OF MEAT FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.

2/ SALTWATER.

HAWAII FISHERIES

HAWAII - LANDINGS OF CATCH BY GEAR, 1972 - Continued

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR SET, OR STAKE		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
SQUIRREL FISH	UU	235	221	1,115	1,108	13,048	12,085
SURGEON FISH	KALA	1,615	121	7,576	1,722	58	11
	MAIKO	3	1	33	25	3	2
	PALANI	5,569	2,079	2,032	740	253	100
	PUALU	489	113	773	243	137	36
TANGI							
COW FISH	MANINI	1,654	1,232	1,540	1,393	36	39
ORANGE SPOT	AHI	551	159	14	7	5	1
TENPOUNDER	AMAAMA	-	-	1,419	657	291	179
THREADFIN, PACIFIC	MOI	-	-	4,666	6,261	69	110
TILAPIA		-	-	-	-	11	9
TRIGGER FISH	HUNUHUNU	459	333	-	-	473	131
TUNA							
ALBACORE	AHIPALAHA	-	-	-	-	97	39
BIGEYE	AHI	-	-	-	-	4,913	3,624
LITTLE	KAWAKAWA	-	-	-	-	24,687	5,249
SKIPJACK	AKU	-	-	-	-	10,890,623	2,943,407
YELLOWFIN	AHI	-	-	-	-	376,343	123,964
MAHOO	ONO	-	-	-	-	19,343	6,103
UNCLASSIFIED FISH		5,769	2,422	4,879	3,140	10,101	11,763
CRABS							
	KUAHONU	37,429	45,044	11	15	-	-
	PAPA I	1,899	1,306	10	10	-	-
	SAMOAN	31	44	-	-	-	-
LOBSTERS							
SLIPPER	ULAPAPAPA	78	53	-	-	-	-
SPINY	ULA	4,116	6,562	694	1,029	-	-
OCTOPUS	HEE	1,205	903	29	26	-	-
SQUID	MUHEE	-	-	-	-	204	217
TURTLE	HONU	-	-	9,736	5,264	2,195	1,537
TOTAL		101,427	85,906	179,732	110,271	12,063,614	3,791,575

SPECIES		LINES - CONTINUED					
		TROLL		LONG OR SET WITH HOOKS		LIFT NETS	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
AMBERJACK	KAHALA	192	79	-	-	-	-
BARRACUDA	KAKU	425	161	1,535	536	-	-
CREVALLE							
BLUE JACK	OHILU	15	5	-	-	-	-
DOLPHIN	ULU	2,519	1,271	-	-	-	-
MACKEREL SCAD	MAHIMAH	39,084	32,823	31,551	31,494	-	-
MARLIN	OPELU	-	-	-	-	66,917	41,391
BLACK SAILFISH	AIU	3,001	340	-	-	-	-
SHORTBILL	AIU LEPE	-	-	662	275	-	-
SILVER STRIPED	AIU	36	9	5,760	2,296	-	-
UNCLASSIFIED	AIU	103	15	-	-	-	-
SNAPPER	AIU	3,348	1,679	138,739	111,338	-	-
GRAY	UNU	504	127	-	-	-	-
PINK	UNU	178	119	-	-	-	-
RED	OPAKAPAKA	180	136	-	-	-	-
TUNA	ULAULA KOAE	34	26	-	-	-	-
ALBACORE	AHIPALAHA	-	-	17,878	11,699	-	-
BIGEYE	AHI	618	353	498,229	679,671	-	-
LITTLE	KAWAKAWA	4,175	1,935	-	-	-	-
SKIPJACK	AKU	12,505	5,874	465	159	-	-
YELLOWFIN	AHI	54,010	31,749	393,498	332,834	-	-
MAHOO	ONO	14,760	7,432	5,219	2,022	-	-
UNCLASSIFIED FISH		17	5	1,257	92	-	-
CRABS							
	KONA	-	-	-	-	70,700	101,786
	KUAHONU	-	-	-	-	599	572
	MOALA	-	-	-	-	307	205
	PAPA I	-	-	-	-	1,588	1,320
	SAMOAN	-	-	-	-	32	45
TOTAL		134,709	83,538	1,055,013	1,172,616	140,146	140,319

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

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HAWAII - LANDINGS OF CATCH BY GEAR, 1972 - Continued

SPECIES		CAST NETS		SPEARS		BY HAND	
		POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ENGLISH	HAWAIIAN						
BARRACUDA, JAPANESE	KAVELEA	28	11	-	-	-	-
GOATFISHES:	KURU	2	3	-	-	-	-
	MOANO	35	54	-	-	-	-
	WEKE	11	11	-	-	-	-
MILKFISH	AMA	31	16	-	-	-	-
MOUNTAIN BASS	AHOLEHOLE	292	360	-	-	-	-
MULLET	AWAMA	267	204	-	-	-	-
PARROT FISH	UHU	42	18	-	-	-	-
RED BIGEYE	AWEOWEO	6	3	-	-	-	-
RUDDERFISH	NENUE	202	99	-	-	-	-
RUNNER	LAE	2	-	-	-	-	-
SPOT	AAWA	12	2	-	-	-	-
SURGEON FISH:	KALA	59	14	-	-	-	-
	MAINO	214	114	-	-	-	-
	PALANI	23	11	-	-	-	-
	PUALU	16	6	-	-	-	-
TANG, CONVICT	HANINI	2,649	2,029	-	-	-	-
THREADFIN, PACIFIC	MOI	223	287	-	-	-	-
UNCLASSIFIED		422	255	-	-	-	-
LIMPET 2/	OPHI	-	-	-	-	-	-
LOBSTER, SPINY	ILA	-	-	-	-	3,302	16,960
OCTOPUS	HEE	-	-	-	-	343	461
TOTAL		4,546	3,506	7,004	7,074	3,645	17,427

SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
		POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ENGLISH	HAWAIIAN						
BARRACUDA	KAKU	14	7	-	-	382	338
BONEFISH	OIO	629	256	210	90	5,996	2,471
CREVALLE, JACK	ULUA	1,792	2,050	4	5	1,081	770
DAMSELFISH	MAMMO	-	-	6	2	-	-
EEL		-	-	-	-	-	-
CONGER	PUHI	-	-	8	2	-	-
MORAY	PUHI	-	-	3	(1)	-	-
GOATFISHES:	KURU	38	77	173	281	-	-
	MOANO	-	-	45	37	-	-
	WEKE	2,777	1,190	649	342	-	-
	WEKE-ULA	1,198	954	-	-	-	-
MILKFISH	AMA	-	-	-	-	-	-
MOUNTAIN BASS	AHOLEHOLE	50	47	31	33	1,608	810
MULLET	AWAMA	-	-	-	-	95	69
PARROT FISH	UHU	-	-	-	-	2,077	2,597
RED BIGEYE	AWEOWEO	21	5	133	68	-	-
RUDDERFISH	NENUE	-	-	26	19	-	-
RUNNER	LAE	125	52	128	90	-	-
SNAPPER, BLUE LINE	TAAPE	45	15	-	-	204	52
SPOT	AAWA	100	40	-	-	-	-
SQUID	UU	-	-	5	1	-	-
SURGEON FISH:	KALA	921	721	127	137	-	-
	PALANI	725	180	69	41	-	-
TANG:		25	5	188	82	-	-
CONVICT	HANINI	100	50	23	23	-	-
ORANGE SPOT	MAENAE	-	-	11	2	-	-
TENPOUNDER	AWAMA	-	-	-	-	-	-
THREADFIN, PACIFIC	MOI	-	-	-	-	330	118
UNCLASSIFIED FISH		-	-	-	-	105	47
CRABS:		452	193	333	779	609	226
	PAPA	-	-	302	906	-	-
	MOALA	-	-	-	-	-	-
	SANDAN	-	-	-	-	8	3
LIMPET 2/	OPHI	-	-	-	-	228	228
LOBSTER, SPINY	ILA	-	-	10	50	-	-
OCTOPUS	HEE	31	43	21	50	-	-
SEAKEED	LINU	-	-	1,034	1,120	-	-
SHRIMP	OPAE	-	-	96,460	34,926	-	-
SQUID	MUHEE	1,077	2,379	-	-	-	-
TREPANG (SEA CUCUMBER)	LOLI	-	-	45	45	-	-
TURTLE	HONU	-	-	29	40	-	-
TOTAL		10,320	8,284	113,778	43,974	12,721	7,729

1/ LESS THAN 90 CENTS.

2/ THE WEIGHT OF MEAT FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.

Fishing stats for 1973

Digest 67
NMFS

SECTION 10 - HAWAII FISHERIES

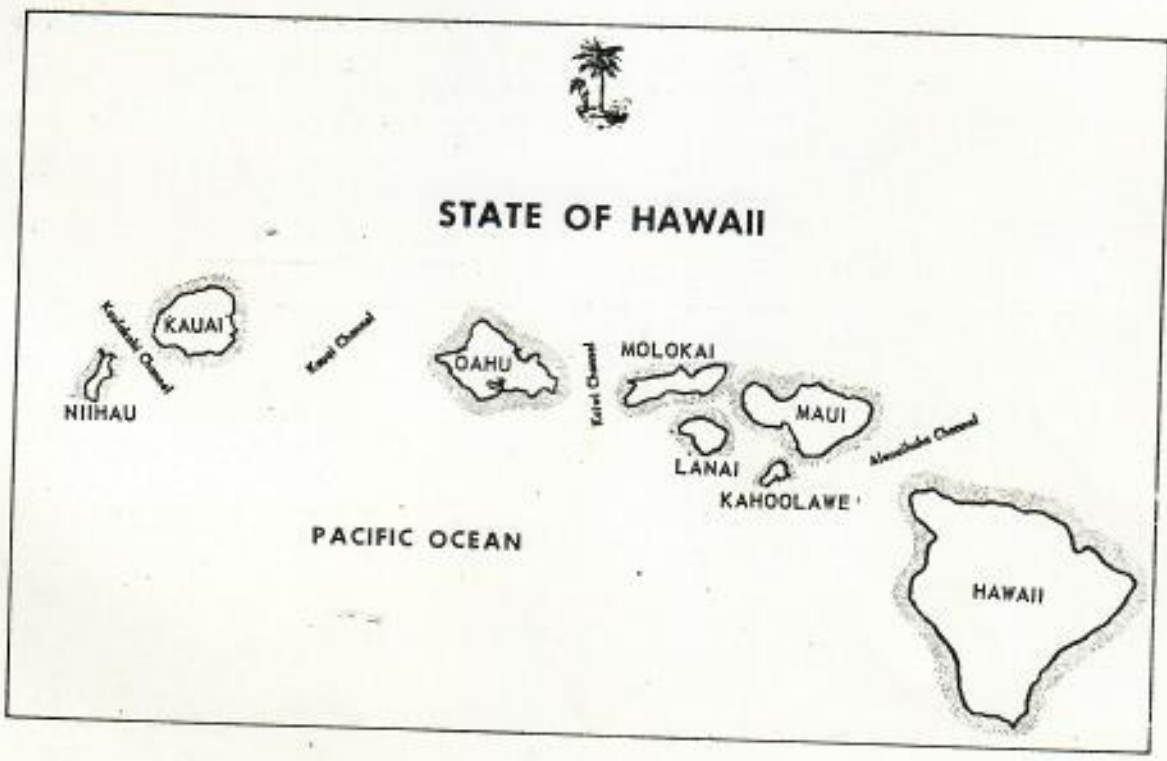
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Landings of commercially caught fish and shellfish in the State of Hawaii were 14.0 million pounds worth \$6.1 million -- a decline of 408,000 pounds, but an increase of \$372,000 compared with 1972. A smaller harvest of tuna, mainly skipjack, was the principal reason for the decline. Landings of skipjack tuna were 10.7 million pounds in 1973--179,000 pounds less than in 1972. Landings of bigeye, bluefin, little, and yellowfin tuna also declined moderately, but landings of albacore increased. Landings of bigeye scad (down 153,000 pounds) were also a major cause of the total lower landings in 1973.

Fish and shellfish were landed at six of the eight principal islands in the State of Hawaii. Oahu led the islands with a production of 11.6 million pounds. Hawaii was next with 1.3 million pounds, followed by Maui with 854,000 pounds. The rest of the landings were made at Kauai, Molokai, and Lanai. In 1973, 2,091 fishermen operated 104 vessels of 5 net tons or more, 1,095 motor boats, and 2 other boats.

Other information. Condensed summary data on the operating units and landings of the State of Hawaii, by islands, appearing in the following pages have been published previously in Current Fishery Statistics No. 6822.

Acknowledgments. The data in this section were assembled and prepared for publication by NMFS area office, Honolulu, Hawaii, largely from information collected by the Hawaii Department of Land and Natural Resources, Division of Fish and Game.



HAWAII FISHERIES

HAWAII - LANDINGS BY SPECIES, 1973 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS
OCEAN CATCH - CONTINUED:			
FISH - CONTINUED			
MILKFISH	AWA	9,527	4,134
MOUNTAIN BASS	AHOLEHOLE	2,413	2,248
MULLET	AMAAMA	11,189	15,358
PARROTFISH	UHU	3,888	1,810
RED BIGEYE	AWEOME	5,038	3,248
RUDDERFISH	NENUE	8,593	3,167
RUNNER	LAE	888	285
SARDINE	MAKIWA	70	29
SEA BASS, BLACK	HAPUPUU	50,051	49,491
SNAPPERS:			
BLUE LINE	TAAPE	5,396	2,658
GRAY	UKU	67,116	48,992
PINK	KALIKALI	6,213	6,433
PINK	OPAKAPAKA	125,925	115,099
RED	ULAUULA OR EHU	21,035	31,668
RED	ULAUULA KOAE	41,461	70,623
SPOT	A'AWA	1,000	213
SQUIRRELFISH	UU	21,188	20,692
SURGEONFISH:			
	KALA	15,284	3,588
	MAIKO	733	437
	PALANI	13,109	3,954
	PUALU	8,118	2,652
TANG:			
CONVICT	MANINI	9,586	7,948
ORANGE SPOT	NAENAE	509	69
TENPOUNDER	AWAWA	18,925	12,639
THREADFIN	MOI	5,205	6,371
TRIGGERFISH	HUMUHUMU	909	399
TUNA:			
ALBACORE	AHIPALAHA	30,735	27,647
BIGEYE	AHI	408,640	688,289
BLUEFIN	AHI	50	53
LITTLE	KAWAKAWA	25,302	7,894
SKIPJACK	AHU	10,724,817	3,203,336
YELLOWFIN	AHI	722,176	625,675
TOTAL TUNA		11,911,720	4,552,904
WAHOO	ONO	59,943	30,965
UNCLASSIFIED		48,383	30,656
TOTAL FISH		13,786,222	5,688,914
SHELLFISH ET AL.			
CLAMS	CLEPE	16	32
CRABS:			
	KONA	45,748	75,151
	KUAHONU	29,243	35,731
	MOALA	932	606
	PAPAI	2,660	2,313
	SAMOAN	57	100
	OPIHI	4,154	25,523
LIMPET			
LOBSTERS:			
SLIPPER	ULAPAPAPA	85	112
SPINY	ULA	5,331	8,251
OCTOPUS	HEE	12,624	13,622
SEA URCHIN	WANA	295	77
SEAWEED	LIMU	96,987	35,056
SHRIMP	OPAE	473	1,066
SQUID	MUHEE	11,123	6,754
TREPANG (SEA CUCUMBER)	LOLI	188	286
TURTLES, GREEN	HONU	18,367	7,815
UNCLASSIFIED		4,363	3,852
TOTAL SHELLFISH ET AL.		232,946	215,267
TOTAL OCEAN CATCH		14,019,168	6,104,181
POND CATCH: 1/			
FISH			
BARRACUDA	KAKU	537	485
BONEFISH	OTO	8,137	3,963
CREVALLE:			
BLUE	OMILU	25	11
JACK	ULUA	575	424
MILKFISH	AWA	851	427
MOUNTAIN BASS	AHOLEHOLE	638	534

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

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HAWAII - LANDINGS BY ISLANDS, 1973 - Continued

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH-CONTINUED							
SHELLFISH ET AL							
CRABS:							
	KONA	837	902	7	7	41,165	70,259
	KUAHONU	-	-	-	-	26,335	32,261
	MOALA	-	-	-	-	932	506
	PAPA I	2,219	2,009	-	-	741	304
	SANDAN	-	-	-	-	57	100
LIMPET 2/	OPIHI	1,260	8,041	569	2,863	30	228
LOBSTERS:							
	SLIPPER	-	-	13	19	72	93
	SPINY	37	61	57	86	3,871	6,016
OCTOPUS	HEE	275	372	1,115	1,213	8,054	8,631
SEA URCHINS	WANA	-	-	-	-	205	77
SEAWEED	LIMU	152	394	-	-	90,405	34,630
SHRIMP	OPAE	263	659	-	-	60	149
SQUID	MUHEE	10,217	5,816	-	-	-	-
TREPANG (SEA CUCUMBER)	LOLI	-	-	-	-	63	95
TURTLES	HONU	-	-	3,998	1,564	8,498	3,576
UNCLASSIFIED		-	-	3,289	3,299	-	-
TOTAL SHELLFISH ET AL		15,290	18,254	9,048	9,051	166,598	157,025
TOTAL OCEAN CATCH		1,277,701	770,357	25,163	18,274	11,612,550	4,962,071
POND CATCH: 3/							
FISH							
BARRACUDA	KAKU	-	-	-	-	537	485
BONEFISH	OIO	-	-	90	22	8,087	3,941
CREVALLE:							
BLUE	OMILU	-	-	25	11	-	-
JACK	ULU	-	-	-	-	575	424
MILKFISH	AWA	-	-	-	-	851	427
MOUNTAIN BASS	AHOLEHOLE	78	89	-	-	560	465
MULLET	AMAAMA	2,016	2,448	-	-	365	409
SNAPPERS							
BLUE LINE	TAAPE	-	-	-	-	24	11
TENPOUNDER	AKAANA	-	-	-	-	220	103
THREADFIN	MOI	-	-	-	-	89	94
TILAPIA		929	965	-	-	-	-
UNCLASSIFIED		-	-	-	-	1,193	537
TOTAL FISH		3,023	3,502	75	33	12,502	6,896
SHELLFISH							
CRABS:							
	PAPA I	-	-	-	-	15	6
	SANDAN	-	-	-	-	182	201
TOTAL SHELLFISH		-	-	-	-	197	207
TOTAL POND CATCH		3,023	3,502	75	33	12,699	7,103
GRAND TOTAL		1,280,724	773,859	25,238	18,307	11,625,249	4,969,174
SPECIES		KAUAI		MAUI		LANAI	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
OCEAN CATCH							
AMBERJACK	KAHALA	5,538	3,979	4,165	2,014	26	13
BARRACUDA	NAKU	168	77	439	171	-	-
BARRACUDA		-	-	175	57	-	-
JAPANESE	KAWELEA	-	-	-	-	-	-
BIG EYE SCAD	AKULE	143,169	52,750	55,048	22,040	2,025	1,307
BONEFISH		10,531	2,941	1,013	379	-	-
CREVALLE:							
BLUE	OMILU	161	72	-	-	-	-
JACK	ULU	3,723	2,217	6,376	5,045	78	53
DANSELFISH	KIPIPI	-	-	33	26	68	66
DOLPHINFISH	MAHINAHI	1,624	1,192	1,907	1,448	180	90

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

HAWAII - LANDINGS BY ISLANDS, 1973 - Continued

SPECIES	KALAU		MAUI		LANAI		
	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS	
ENGLISH							
HAWAIIAN							
OCEAN CATCH - CONTINUED							
FISH - CONTINUED							
GOATFISHES:							
	KUNU	140	243	359	416	3	4
	MALU	-	-	4	2	-	-
	MOANO	5	4	117	98	-	-
	MOELUA	-	-	17,696	14,306	-	-
	WEKE	1,584	796	1,181	413	21	16
	WEKE-ULA	2,336	1,861	178	97	-	-
MACKEREL, SCAD.	OPELU	9,040	3,518	7,728	4,835	2,359	1,494
MILKFISH	AWA	21	17	4,302	1,808	-	-
MOUNTAIN BASS	AHOLEHOLE	339	238	714	616	-	-
MULLET	AMAAMA	2,817	3,486	149	179	-	-
PARROTFISH	UMU	-	-	174	75	-	-
RED BIGEYE	AWOWEO	223	136	295	170	-	-
RUDDERFISH	NENUE	636	463	454	212	-	-
RUNNER	LAE	-	-	685	191	-	-
SEA BASS, BLACK	HAPUUPUU	1,279	736	2,593	1,647	-	-
SNAPPERS:							
BLUE LINE	TAAPE	916	473	171	94	-	-
GRAY	UKU	4,201	2,479	6,354	5,280	1,734	1,206
PINK	KALINALI	8	6	19	10	-	-
PINK	OPAKAPAKA	35	24	45,461	37,853	147	96
RED	ULAULA OR EHU	366	305	160	152	-	-
RED	ULAULA KOAE	136	162	2,320	2,456	16	12
SPOT	A'AMA	11	4	69	20	-	-
SQUIRRELFISH	ALAIHI	1,409	1,370	707	719	728	597
SURGEONFISH:							
	KALA	1,432	592	2,041	307	-	-
	PALANI	-	-	434	154	-	-
	PUALU	18	9	-	-	-	-
TANG,							
CONVICT	HANINI	152	100	625	634	260	202
TENPOUNDER	AWAAMA	-	-	132	82	-	-
THREADFIN	MOI	3,869	4,820	490	487	-	-
TRIGGERFISH	HUMUNU	31	11	-	-	25	25
TUNA:							
LITTLE	KAWAKAWA	1,699	884	7,770	1,299	295	135
SKIPJACK	AKU	3,647	2,101	654,594	98,355	5,430	3,018
YELLOWFIN	AHI	14,586	9,073	4,453	1,373	233	117
TOTAL TUNA		19,932	12,058	666,817	101,017	5,958	3,270
WAHOO	ONO	5,089	3,168	1,298	777	-	-
UNCLASSIFIED		6,891	3,391	6,303	4,648	67	61
TOTAL FISH		226,933	103,089	609,066	210,941	13,715	8,512
SHELLFISH ET AL.							
CLAMS	OLEPE	-	-	16	32	-	-
CRABS:							
	KOMA	2,898	3,126	781	817	60	40
	KUAHONU	179	193	2,729	3,277	-	-
LIMPET 2/	OPIHI	1,097	6,193	1,168	6,148	10	50
LOBSTERS, SPINY	ULA	26	42	1,336	2,046	-	-
OCTOPUS	HEE	537	635	2,623	2,739	20	12
SEAWEED	LIMU	403	817	27	115	-	-
SHRIMP	OPAE	-	-	130	276	-	-
SQUID	MUHEE	906	938	-	-	-	-
TREPANG, SEA		-	-	-	-	-	-
CUCUMBER	LOLI	125	191	-	-	-	-
TURTLES	HONU	400	195	5,471	2,430	-	-
UNCLASSIFIED		-	-	1,074	593	-	-
TOTAL SHELLFISH ET AL.		6,573	12,300	15,357	16,485	90	102
TOTAL OCEAN CATCH		233,506	115,439	654,443	229,426	13,805	8,614
GRAND TOTAL		233,506	115,439	654,443	229,426	13,805	8,614

1/ LESS THAN 50 CENTS.

2/ THE WEIGHT OF MEAT FOR LIMPETS IS BASED ON A YIELD OF 20 PERCENT.

3/ SALTWATER.

HAWAII FISHERIES

HAWAII - LANDINGS OF CATCH BY GEAR, 1973 - Continued

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR SET, OR STAKE		LINES	
		POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
ENGLISH	HAWAIIAN						
SURGEONFISH:	KALA	581	57	11,235	2,398	53	14
	MAIKO	-	-	257	94	-	-
	PALANI	4,913	1,535	6,230	1,896	192	53
	PUALU	1,424	371	3,695	1,400	258	66
TANG:	MANINI	1,348	1,152	3,632	3,065	17	14
CONVIC	NAENAE	454	54	55	15	-	-
ORANGE SPOT	AWAANA	-	-	5,231	2,819	498	309
TENPOUNDER	MOI	-	-	3,587	4,193	28	32
THREADFISH	HUMUHUMU	322	242	-	-	479	156
TRIGGERFISH							
TUNA:							
ALBACORE	AHIPALAHA	-	-	-	-	594	431
BIGEYE	AHI	-	-	-	-	8,765	4,698
BLUEFIN	AHI	-	-	-	-	50	63
LITTLE	KAWAKAWA	-	-	-	-	22,835	6,577
SKIPJACK	AKU	-	-	-	-	10,703,138	3,191,408
YELLOWFIN	AHI	-	-	26	18	401,872	254,176
MAHO	ONO	-	-	25	8	18,914	9,073
UNCLASSIFIED FISH		2,075	912	14,324	6,086	23,799	17,764
CRABS:							
	KONA	47	48	2	2	60	105
	KUAKONU	28,952	35,393	14	27	-	-
	MOALA	10	8	-	-	-	-
	PAPA I	1,938	1,462	-	-	-	-
LOBSTERS:							
SLIPPER	ULAPAPAPA	72	93	13	19	-	-
SPINY	ULA	4,605	7,177	493	676	1	2
OCTOPUS	HEE	1,300	1,081	120	126	766	1,015
SHRIMP	CPAE	15	19	-	-	-	-
SQUID	MUHEE	-	-	-	-	9,424	5,766
TURTLES	HONU	-	-	14,360	6,096	-	-
TOTAL		61,964	78,703	211,932	115,467	11,907,258	4,130,515

SPECIES		LINES - CONTINUED				LIFT NETS	
		TROLL		LONG OR SET WITH HOOKS		POUNDS	DOLLARS
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS		
AMBERJACK	KAHALA	52	23	-	-	-	-
BARRACUDA	KAHU	258	133	608	205	-	-
BARRACUDA	KAWALEA	9	2	-	-	-	-
JAPANESE							
CREVALLE:							
BLUE	OWILU	15	8	-	-	-	-
JACK	ULUA	2,472	1,352	-	-	-	-
DOLPHINFISH	MAHIMAHU	33,924	36,663	17,764	20,724	-	-
GOATFISH	KUMU	1	2	-	-	-	-
MACKEREL SCAD	OPELU	-	-	-	-	103,442	70,621
MARLIN:							
BLUE	AIU	23,532	4,671	9,177	8,000	-	-
SAILFISH	AIU LEPE	212	44	1,103	402	-	-
SHORTBILL	AIU	123	48	7,281	3,188	-	-
BLACK	AIU	110	100	577	419	-	-
STRIPED	AIU	18,517	6,164	85,604	87,262	-	-
UNCLASSIFIED	AIU	2,004	589	-	-	-	-
SEA BASS, BLACK	HAPUUPUU	6	8	-	-	-	-
SNAPPERS:							
GRAY	UKU	166	99	-	-	-	-
PINK	CPAKAPAKA	33	27	-	-	-	-
RED	ULAUULA OR EHU	4	5	-	-	-	-
TUNA:							
ALBACORE	AHIPALAHA	-	-	30,141	27,216	-	-
BIGEYE	AHI	-	-	399,875	683,591	-	-
LITTLE	KAWAKAWA	2,467	1,317	-	-	-	-
SKIPJACK	AKU	21,503	11,677	176	251	-	-
YELLOWFIN	AHI	105,174	58,491	215,104	262,990	-	-
MAHO	ONO	30,825	17,816	10,179	4,068	-	-
UNCLASSIFIED FISH		33	18	130	5	-	-
CRABS:							
	KONA	-	-	-	-	45,639	74,066
	KUAKONU	-	-	-	-	277	311
	MOALA	-	-	-	-	922	598
	PAPA I	-	-	-	-	737	301
	SAMON	-	-	-	-	57	100
TOTAL		241,440	171,227	777,719	1,118,341	151,074	145,927

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII FISHERIES

363

HAWAII - LANDINGS OF CATCH BY GEAR, 1973 - Continued

SPECIES		CAST NETS		SPEARS		BY HAND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
CREVALLE, JACK	ULUA	6	8	-	-	-	-
DANSELFISH	KUPIPI	21	22	-	-	-	-
GOATFISHES:							
	KUMU	15	21	-	-	-	-
	MOANO	4	3	-	-	-	-
	WEKE	25	19	-	-	-	-
MOUNTAIN BASS	AMOLEHOLE	51	73	-	-	-	-
MULLET	AMAAMA	180	258	-	-	-	-
PARROTFISH	UHU	41	19	-	-	-	-
RUDDERFISH	NENUE	288	157	-	-	-	-
SURGEONFISH:							
	KALA	381	101	-	-	-	-
	MAIKO	421	311	-	-	-	-
	PALANI	121	55	-	-	-	-
	PUALU	74	23	-	-	-	-
TANG, CONVICT	MANINI	4,356	3,444	-	-	-	-
THREADFIN	MOI	521	592	-	-	-	-
UNCLASSIFIED FISH		854	892	-	-	-	-
LIMPET	OPIHI	-	-	-	-	4,154	23,523
LOBSTERS, SPINY	ULA	-	-	-	-	232	396
OCTOPUS	HEE	52	99	8,627	9,206	-	-
UNCLASSIFIED SHELLFISH		-	-	-	-	-	-
TOTAL		7,451	6,097	8,627	9,206	8,789	27,771

SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
ENGLISH	HAWAIIAN	POUNDS	DOLLARS	POUNDS	DOLLARS	POUNDS	DOLLARS
BARRACUDA	KAKU	-	-	-	-	537	485
BONEFISH	OIO	3,432	1,481	-	-	6,137	3,963
CREVALLE:							
BLUE	OHILU	-	-	-	-	25	11
JACK	ULUA	6,213	9,358	1	1	575	424
DANSELFISH	KUPIPI	166	129	-	-	-	-
EELS, MORAY	PUHI	56	0	10	5	-	-
GOATFISHES:							
	KUMU	66	109	49	89	-	-
	MOANO	4	2	5	6	-	-
	WEKE	6,610	3,552	5	2	-	-
BIGEYE SCAD	AKULE	100	25	-	-	-	-
MACKEREL SCAD	OPELU	6	3	-	-	-	-
MILKFISH	AWA	-	-	-	-	851	427
MOUNTAIN BASS	AMOLEHOLE	94	114	-	-	638	554
MULLET	AMAAMA	-	-	-	-	2,362	2,657
PARROTFISH	UHU	545	292	343	57	-	-
RED BIGEYE	AMEOMEO	1	1	-	-	-	-
RUDDERFISH	NENUE	6,188	1,965	3	3	-	-
RUNNER	LAE	201	60	-	-	-	-
SNAPPERS:							
BLUE LINE	TAAPE	92	64	2	1	24	11
GRAY	UHU	19	20	-	-	-	-
SPOT	AYANA	54	10	-	-	-	-
SQUIRRELFISH	ALAH	342	374	111	111	-	-
SURGEONFISH:							
	KALA	1,131	687	-	-	-	-
	MAIKO	21	23	-	-	-	-
	PALANI	1,094	260	3	1	-	-
TANG, CONVICT	MANINI	209	240	10	10	-	-
TENPOUNDER	AWAANA	-	-	-	-	220	103
THREADFIN	MOI	-	-	-	-	89	94
TILAPIA		-	-	-	-	929	905
TRIGGERFISH	HUNUHUNU	8	1	-	-	-	-
UNCLASSIFIED FISH		3,951	1,898	896	516	1,193	537
CLAMS	OLEPE	16	32	-	-	-	-
CRABS:							
	PAPA I	-	-	285	550	15	6
	SAMOAN	-	-	-	-	162	201
OCTOPUS	HEE	-	-	1,739	2,095	-	-
SEA URCHIN	WANA	-	-	295	77	-	-
SEAWEED	LIMU	-	-	95,987	35,066	-	-
SHRIMP	OPAE	458	1,067	-	-	-	-
SQUID	MUHEE	-	-	1,699	968	-	-
TREPANG, (SEA CUCUMBER)	LOLI	-	-	168	286	-	-
TURTLES, GREEN	HONU	480	192	3,527	1,527	-	-
TOTAL		33,577	21,975	105,908	42,281	15,797	10,638

NOTE:--THE WEIGHT OF NETS FOR MOLLUSKS IS BASED ON A YIELD OF 25 PERCENT FOR HARD CLAMS AND 20 PERCENT FOR LIMPETS.

AVERAGE
POUNDS
GREEN SEA TURTLES.

← pounds/year
← to the fisherman

\$/pound

Year	Average Pounds	\$/pound
1957-60	3424	0.14
1960-61 to 1964-65	844	0.17
1965-66 to 1967-69	4380	0.27
1969-70-1971-72	15,592	0.44
1972-73	33,060	0.41
1973-74	6322	0.39

TIM SMITH
REFERRED TO THIS TABLE
AS "OFFICIAL CATCH STATISTICS"
FOR HAWAII, BUT DID NOT
GIVE A REFERENCE

50 04900 H48

20 October 1978

John -
When you have the opportunity, I
would greatly appreciate receiving a copy of
the table of "lbs of sea turtle catch
in Hawaii" that you referred to
over the telephone several months ago.
I believe that mentioned that this
resulted from Tim Smith work.

Mabalo -

Georg Balay
HMNB - Coconut IS.

by area

1) separate totals from
list of areas by one or
two spaces

2) add yearly totals

try to make area
map more legible

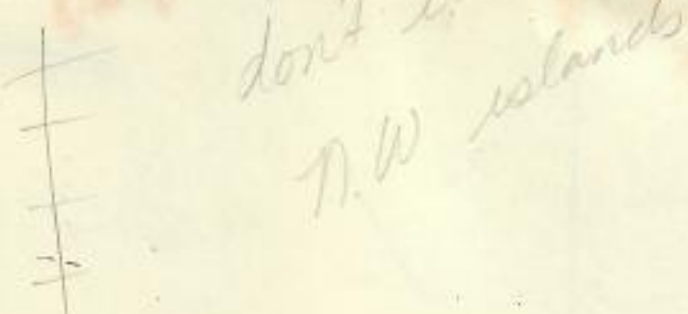
look for sketches of
methods of capture

total for each area
for 1948 - 1974
and percentage
of grand total

maybe

8 lbs

don't include
N.W. islands



Hana Han

for 1948 - 1974.3

✓ done

x partial

○ ~~should~~ should be done?

✓ ✓ lbs/area/yr - total for island

✓ ✓ lbs/month by year ~~def~~

x lbs/license/yr - value & % total catch ~~part~~

✓ total lbs/^{sold}year - value (should come before
which table? lbs/license/yr)

○ number/yr graph (could be broken down by island)



island %yr by year - bar graphs
monthly % by year - line graphs

✓ lbs/method/yr

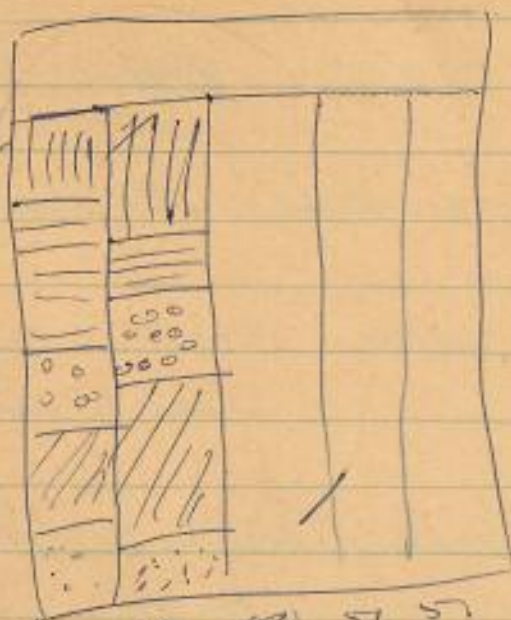
✓ mean wt/yr by islands

~~scribbled out text~~

lbs/Island - all years graph
lbs/month - all years - graph

Randy 734-1632

2/10



98 99 80 51 57

yo

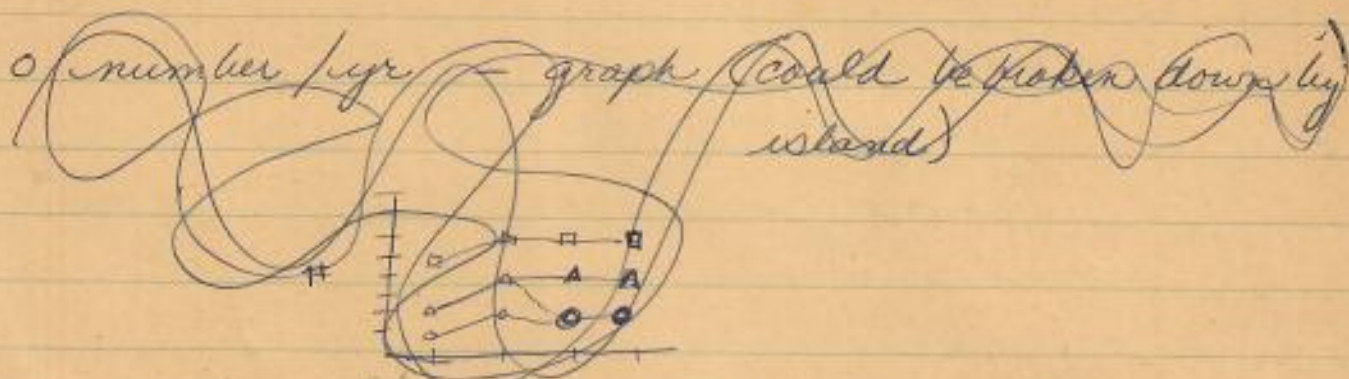
✓ done x partial 0 ~~is~~ should be done?

✓ ✓ lbs/area/yr - total for island

✓ ✓ lbs/month by year ~~dep~~

x lbs/license/yr - value & % total catch ~~dep~~

✓ total lbs^{old}/year - value (should come before
which table? lbs/license/yr)



island %/yr by year - bar graph
monthly % by year - line graph

✓ lbs/method/yr

✓ mean wt/yr by islands

~~scribbled out text~~

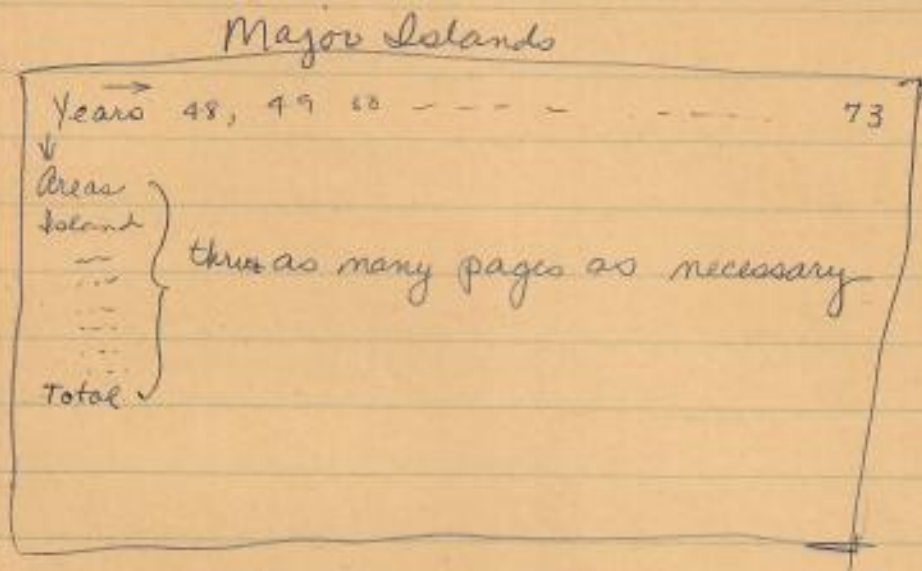
lbs/Island - all years graph
lbs/month - all years - graph

Randy 734-1632

#10 Pounds caught ~~by~~ in each year by area

1948 - 1973 = 26 years

areas = 46 on 6 islands



add 1st 6 mos
of 74

If it's too crowded to put %'s next to # lbs they can go under, then skip a space so area #'s should be ~~triple spaced~~ ~~triple~~ triple spaced

% under each area entry is % of catch for that island; % under each island total is % of catch for all the islands

#16

~~#12~~

Leeward Islands

in () after island is area code?

Platz following 1a - arrange in
increasing area code #

map of fishing area codes should precede
1a, 1b

#1 ~~Turtle Catch Data 1948-1973~~

~~lbs fisherman / yr~~

~~fisherman~~ ~~lbs caught~~ ~~lbs sold~~ ~~# value~~ ~~port.~~

lbs / port / yr

port lbs

1. p. 109 - Pounds sold x price / lb = value
2. is fisherman code on p. 25 yours and does it correspond to #'s on p. 105?
3. methods
4. p. 88 what does NA mean
5. get chart of area codes for N.W. Haw. Is.

$$\begin{array}{r}
 \text{www} \quad 714 \\
 \quad \quad .13 \\
 \hline
 2142 \\
 714 \\
 \hline
 92,82
 \end{array}$$

Year

Scuba

DIVE



Pounds

%

Pounds

5/20



Hand

Comb

Pounds

%

Pounds

%

| . | | . | | . | | . | | . |

FORD

SPEAR

GAFF

NET, GAFF, SPEAR



NET



HAND



98 columns

SCUBA, HAND, DIVE, SHD, MISC., UNKNOWN.

1948 - 1953

	1948	1949	1950	1951	1952	1953
HAWAII						
101						
102						
103						
105			1994	269 (100%)		200 (100%)
107			(100%)			
108						
121						
122						
126						
128						
HAWAII Total			1994 16.8	269 (5.2%)		200 (2.1%)

	1948	1949	1950	1951	1952	1953
MAUI						
300		250 (3.1%)	100 (38.2)		150 (100%)	
301	230* (9.6%)	325 (4%)		535* (100%)		
302	2166* (90.4%)	7398 (92.1%)				200 (100%)
303						
304		60 (.7%)	78 (43.8)			
320						
321						
322						
323						
MAUI Total	2396* (12%)	8033 (51.2%)	178 (1.5)	535* (10.5%)	150 (5.5%)	200 (2.1%)

DAHLI	1948	1949	1950	1951	1952	1953
306						
309	50 (100%)					
DAHLI Total	50 (3%)					

MOLOKAI						
310		486* (100%)		12 (100%)		
311			500* (35.7)		125 (100%)	1200* (39.2%)
312			902 (64.3)			
313						1864* (60.8%)
314						
Molokai Total		486* (3.1%)	1402* (11.8)	12 (2%)	125 (4.6%)	3064* (32.4%)

DAHLI						
400	11774* (75.1%)	1075 (17.4%)	1046 (15.2)	100 (6%)		
401	3226 (20.6%)	3634* (58.8%)	635 (9.2)	125 (7.5%)	954 (51.4%)	
402		224* (3.3%)	73 (1.1)	340 (20.4%)	400 (21.6%)	
403	500 (3.2%)		605 (8.8)			
404		328 (5.3%)	209 (3)	280 (16.8%)		3* (1%)
405						
406				125 (7.5%)		
407		568.5 (9.2%)	4043* (58.5)	696 (41.8%)		3657* (95.7%)
408					237 (12.8%)	
409		344* (5.6%)	290 (4.2%)		265 (14.3%)	180 (4.7%)
420	185 (1.2%)					
421						
428						
DAHLI Total	15,685* (78.7%)	6183.5* (39.4%)	6901* (58.2)	1666 (32.4%)	1856 (67.9%)	3840* (40.6%)

	1948	1949	1950	1951	1952	1953
Kaui						
500	*					
501						
503		1000 (100%)	200 (100%)		600 (100%)	1000* (100%)
504						
520						
521						
Kaui Total		1000 (6.3%)	200 (1.7%)		600 (2.2%)	1000* (10.5%)

Necker Island

1139

1519 (27.5)

French Frigate

Shoals 1239 422 (2.0)

1169 (9.9) 1143 (22.2)

807 (8.5)

Gardner Pinnacles

1539

355 (3.8)

Pearl + Hermes

2119

1380 (6.9)

1954 - 1959

	1954	1955	1956	1957	1958	1959
Hand						
101						
102						186 (100%)
103						
105	900 (100%)					
107						
108						
121						
122					167 (100%)	
126						
128						
Hand Total	900 (29.6%)				167 (52%)	186 (26.1%)

			1956	1957	1958	1959
Hand						
300						
301						
302	30 (78.9%)	449* (59.9%)	735 (100)	355 (100%)	457 (37.1%)	500 (100%)
303						
304						
320	8 (21.1%)					
321		300 (40.1%)			360 (29.2%)	
322						
323						
Hand Total	38 (1.3%)	749 (6.7%)	735 (10.6)	355 (5.1%)	1233 (38.5%)	500 (7.0%)

	1954 1954	1955	1956	1957	1958	1959
LANAI						
308						
309						
LANAI Total						

LOLUKA	54	55				
310	582* (23.3%)	468 (5.1%)	905 (18.5)			
311	487* (23.7%)					
312		700* (7.6%)				
313						
314	984* (47.9%)	8025* (87.3%)	4000* (81.5)			
LOLUKA Total	2053* (67.5%)	9193* (82.5%)	4905* (20.9)			

OAHU						
400						
401		275 (37.3%)				28 (100)
402		127 (17.2%)				
403						
404						
405					10 (100)	
406						
407	49 (100%)	170 (23%)	90 (10.8)			
408						
409		166 (22.5%)				
420						
421			728 (87.4)			
422			15 (1.8)			
OAHU Total	49 (1.6%)	738 (6.7%)	833 (12%)		10 (.3%)	28 (3.9%)

KAUAI	1954	1955	1956	1957	1958	1959
500		223 (50.1%)	45* (10)			
501		222 (50%)	297 (65.7)			
503						
504			110 (24.3)			
520						
521						
Kauai Total		445 (47%)	452* (6.5)			

French Frigate
Shoals 1239

341 (49)

Gardner Pinnacles
1539

1797 (56)

~~1960-1964~~

1960 - 1964.

	1960	19601	1962	1963	1964
101					
102					
103					100 (100%)
105					
107					
108					
121					
122					
126					
128					
Hawaii Total					100 (62%)

	1960	1961	1962	1963	1964
300	824 (39.8%)	609 (100%)			
301	785 (37.9%)				
302	460 (22.2%)			224 (100%)	70 (7%)
303					
304					
320					200 (20%)
321					730 (73%)
322					
323					
Mall Total	2069 (55.3%)	609 (85.9%)		224 (58.9%)	1000 (62.2%)

LANAI	60	61	62	63	64
308					
309	1670 (100%)	100 (100%)			
Total	1670 (44.7%)	100 (14.1%)			

MOLOKAI	60	61	62	63	64
310					
311					
312					
313					
314					
Total					

OAHU	60	61	62	63	64
400					274 (53.8%)
401					235 (46.2%)
402					
403					
404					
405					
406					
407					
408					
409					
420			477 (100)	156 (100%)	
421					
428					
OAHU Total			477 (100)	156 (41.1%)	509 (31.6%)

KAWAI	1960	1961	62	63	64
500					
501					
503					
504					
520					
521					
Kawai Total					

1965 - 1969

	1965	1966	1967	1968	1969
101					
102					
103		20 (7.4%)			
105				200 (8.3)	
107		250 (92.6%)			
108				247 (10.3)	
121				1482 (61.6)	
122				250 (10.4)	1200 (70.6%)
126				227 (9.4)	
129					500 (29.4%)
Hawaii Total		270 (52%)		2406 (71.8)	1700 (16.7%)

	1965	1966	1967	68	69
300	120 (100%)	40 (100%)	535 (94.9%)		2266 (29.5%)
301					
302			29 (5.1%)		41 (1.5%)
303					
304					
320					2590 (33.7%)
321				824 (100%)	2780 (36.2%)
322					
323					
Main Total	120 (8%)	40 (.8%)	564 (11.2%)	824 (24.6)	7677 (75.4%)

LANAI	65	66	67	1968	1969
308					
309		590 (100%)	2150 (100%)	120 (100)	150 (100%)
LANAI Total		590 (11.4%)	2150 (42.9%)	120 (3.6)	150 (1.5%)

MOLOKAI	65	66	67	68	69
310	1080 (100%)	325 (100%)			
311					
312					
313					
314					
MOLOKAI Total	1080 (71.5%)	325 (6.3%)			150 (100%) 150 (1.5%)

KAUAI	65	66	67		
400					
401					
402	80 (26.8)				
403					
404		3400 (86.1%)	2300 (100%)		
405					
406					
407					134 (26.9%)
408					150 (30.1%)
409		90 (2.3%)			214 (43%)
420	230 (74.2%)				
421		457 (11.6%)			
422					
KAUAI TOTAL	310 (20.5%)	3947 (76.3%)	2300 (45.9%)		498 (4.9%)

Kawai	65	66	67	1968	19689
500					
501					
503					
504					
520					
521					
Kawai Total					

1970 - 1974

Hawai	1970	1971	1972	1973	1974
101		1900 (90.3%)			
102					
103					
105					
107					
108					
121	68 (100%)	205 (97.5%)			
122					
126					
128					
HAWAII Total	68 (.5%)	2105 (10.6%)			

HAWAII	70	71	72	73
300	2300 (22.9%)	1950 (13.8%)	289.5 (2.3%)	1351 (23.6%)
301	600 (6.9%)			
302	2666 (26.6%)	7859 (55.5%)	8525 (67.5%)	3520 (61.5%)
303	500 (5.9%)			
304				
305				400 (7.2%)
320	1730 (17.2%)	2240 (15.8%)	1700 (13.5%)	450 (7.9%)
321	1250 (12.5%)	365 (2.6%)	400 (3.2%)	
322	540 (5.4%)	550 (3.9%)	900 (7.1%)	
323	450 (4.5%)	1200 (8.5%)	817 (6.5%)	
HAWAII Total	10,036 (80.3%)	14,164 (71.2%)	12,631.5 (49.2%)	5721 (29.9%)

LANAI	1970	1971	1972	1973	1974
308		40 (21.1%)			
309		150 (78.9%)			
LANAI TOTAL		190 .9%			

	70	71	72	73
310				126 (3.2%)
311				60 (1.5%)
312				1598 (40%)
313				1409 (35.2%)
314		1680 (100%)	5067 (100%)	805 (20.1%)
Houkai Total		1680 (8.5%)	5067 (20%)	3998 (20.8%)

OHAWI	70	71	72	73
400				
401			400 (5.2%)	1566 (17.4%)
402			2200 (28.6%)	
403		60 (6.7%)		
404	1304 (83%)	755 (84.8%)	1750 (22.8%)	286 (3.2%)
405		75 (8.4%)		
406			1354 (17.6%)	3053 (33.9%)
407	233 (14.8%)		1669 (21.7%)	3740 (41.5%)
408	35 (2.2%)			42 (.5%)
409			312 (4.1%)	325 (3.5%)
420				
421				
422				
OHAWI Total	1572 (12.6%)	890 (4.5%)	7685 (38%)	9012 (47.1%)

Kawai	1970	1971	1972	1973
500		500 (58.5%)		
501				400 (100%)
503	800 (96.4%)			
504	30 (3.6%)	130 (15.2%)	200 (100%)	
520		100 (11.7%)		
521		125 (14.6%)		
Kawai Total	830 (6.6%)	855 (4.3%)	200 (.8%)	400 (2.1%)

1974

Need map - AREAS for Northwestern Is.

part of findings

may be of importance

To show that Is. Resident (LOCAL MAORI) DID NOT ALWAYS BENEFIT FROM CATCH

Pounds Caught by Areas of Islands 1970-1974

19 70 19 71 19 72 19 73 19 74

HAWAII

101 1900(90.3%)

102

103

105

107

108

121 68(100%)^D

122 205(9.7%)

126

128

Total 2105(10.6%)

MAUI

300 2300(22.9%)

301 600(6%)⁰

302 2666(26.6%)

303 500(5%)⁰

304

305

320 1730(17.2%)

321 1250(12.5%)

322 540(5.4%)

323 450(4.5%)

Total 10,036(80.3%)

1950(13.8%)

7859(55.5%)

2240(15.8%)

365(2.6%)

550(3.9%)

1200(8.5%)

14,164(71.2%)

2895(2.3%)

8525(67.5%)

1700(13.5%)

400(3.2%)

900(7.1%)

817(6.5%)

1351(23.6%)

3520(61.5%)

400(7%)⁰

450(7.9%)

12,631.5(49.2%)

5721(29.9%)

TABLE LIKE

THIS BUT WITH

NO. ANIMALS AND MEAN WITH

NEXT TO LBS, WHERE

SUCH DATA EXISTS.

For all years -

arrive at lbs total

for each area with

a percentage of Is

total for each -

This will show

area of greatest take

for all years combined

for each Is.

also totals for each

Is all years,

Grand total of

percentage for

each Is.

26

19

Pounds Caught by Areas of Islands 1970-1974

	19 70	19 71	19 72	19 73	1974
LANAI					
308		40(21.1%)			
309		150(Set Free) (78.9%)			
Total		190(4.9%)			
MOLOKAI					
310				126(3.2%)	
311				60(1.5%)	
312				1598(40%)	
313				1409(35.2%)	
314		1680(100%)	5067(100%)	805(20.1%)	
Total		1680(8.5%)	5067(20%)	3998(20.9%)	
OAHU					
400			400(5.2%)	1566(17.4%)	
401			2200(28.6%)		
402					
403		60(6.7%)			
404		755(84.8%)	1750(22.8%)	286(3.2%)	
405	1304(83%)	75(8.4%)			
406					
407			1354(17.6%)	3053(33.9%)	
408	233(14.8%)		1669(21.7%)	3740(41.5%)	
409	35(2.2%)			42(0.5%)	
420			312(4.1%)	325(3.5%)	
421					
428					
Total	1572(12.6%)	890(4.5%)	7685(30%)		9012(47.1%)

Sheela
Net Beach
↑

Pounds Caught by Areas of Islands 1970-1974

	19 70	19 71	19 72	19 73	19 74
KAUAI					
500		500 (58.5%)			
501				400 (100%)	
503	800 (96.4%)				
504	30 (3.6%)	130 (15.2%)	200 (100%)		
520		100 (11.7%)			
521		125 (14.6%)			
Total	830 (6.6%)	855 (4.3%)	200 (0.8%)	400 (2.1%)	

Pounds Caught by Areas of Islands 1965-1969

	19 65	19 66	19 67	19 68	19 69
HAWAII					
101					
102					
103		20 (7.4%)		200 (8.3)	
105		250 (92.6%)			
107					
108				247 (10.3)	
121				1482 (61.6)	
122				250 (10.4)	1200 (70.6%)
126				227 (9.4)	
128				2406 (71.8)	500 (29.4%)
Total		270 (5.2%)			1700 (16.7%)
MAUI					
300	120 (100%)	40 (100%)	535 (94.9%)		2266 (29.5%)
301					
302			29 (5.1%)		41 (0.5%)
303					
304					
320					
321				824 (100%)	2590 (33.7%)
322					2780 (36.2%)
323					
Total	120 (8%)	40 (0.8%)	564 (11.2%)	824 (24.6%)	7677 (75.4%)

Pounds Caught by Areas of Islands 1965-1969

	19 65	19 66	19 67	19 68	19 69
LANAI					
308		590 (100%)	2150 (100%)	120 (100)	150 (100%)
309		590 (11.4%)	2150 (42.9%)	120 (3.6)	150 (1.5%)
Total					
MOLOKAI					
310	1080 (100%)	325 (100%)			
311					
312					
313					
314					
Total	1080 (71.5%)	325 (6.3%)			150 (100%) 150 (1.5%)
OAHU					
400					
401					
402	80 (25.8)				
403					
404		3400 (86.1%)	2300 (100%)		
405					
406					
407					
408					
409		90 (2.3%)			134 (26.9%)
420	230 (74.2%)				150 (30.1%)
421		457 (11.6%)			214 (43%)
428					
Total	310 (20.5%)	3947 (76.3%)	2300 (45.9%)		498 (4.9%)

Pounds Caught by Areas of Islands 19 65-19 69

19 65 19 66 19 67 19 68 19 69

KAUAI

500
501
503
504
520
521

Pounds Caught by Areas of Islands 1960-1964

	19 60	19 61	19 62	19 63	19 64
HAWAII					
101					
102					
103					
105					
107					
108					
121					
122					
126					
128					
Total					100 (100%)
					100 (6.2%)
MAUI					
300	824 (39.8%)	609 (100%)			
301	785 (37.9%)				
302	460 (22.2%)		224 (100%)		70 (7%)
303					
304					
320					
321					200 (20%)
322					730 (73%)
323					
Total	2069 (55.3%)	609 (85.9%)		224 (58.9%)	1000 (62.2%)

Pounds Caught by Areas of Islands 1960-1964

19 60 19 61 19 62 19 63 19 64

LANAI

308				
309	¹⁰	¹⁰		
Total	1670(100%)	100(100%)		
	1670(44.7%)	100(14.1%)		

MOLOKAI

310
311
312
313
314

OAHU

400				
401				274(53.8%)
402				235(46.2%)
403				
404				
405				
406				
407				
408				
409				
420	¹⁰			
421			156(100%)	
428	¹⁰			
Total	477(100)		156(41.1%)	509(31.6%)

Pounds Caught by Areas of Islands 1960-1964

19 60 19 61 19 62 19 63 19 64

KAUAI

500
501
503
504
520
521

Pounds Caught by Areas of Islands 1954-1959

	1954	1955	1956	1957	1958	1959
LANAI						
308						
309						
MOLOKAI						
310	582 [†] (28.3 [†])	468(5.1 [†])	905(18.5)			
311	487 [†] (23.7 [†])	700 [†] (7.6 [†])				
312						
313						
314	984 [†] (47.9 [†])	8025 [†] (87.3 [†])	4000 [†] (81.5)			
Total	2053 [†] (67.5 [†])	9193 [†] (82.6 [†])	4905 [†] (70.9)			
OAHU						
400						
401		275(37.3 [†])				28(100) [°]
402		127(17.2 [†])				
403					10(100) [°]	
404						
405						
406						
407	49(100 [°])	170(23 [°])	90(10.8)			
408		166(22.5 [†])				
409						
420						
421			728(87.4)			
428			15(1.8)			
Total	49(1.6 [†])	738(6.7 [†])	833(12 [†])		10(0.3 [†])	28(3.9 [†])

Pounds Caught by Areas of Islands 19 54-19 59

	1954	1955	1956	1957	1958	1959
HAWAII						
101						
102						
103						
105						
107						
108						
121						
122						
126						
128						
Total	900 (100%)				167 (100%)	186 (100%)
	900 (29.6%)				167 (5.2%)	186 (26.1%)
MAUI						
300						
301						
302	30 (78.9%)	449 (59.9%)	735 (100%)	355 (100%)	457 (37.1%)	500 (100%)
303					416 (33.7%)	
304						
320						
321	8 (21.1%)	300 (40.1%)			360 (29.2%)	
322						
323						
Total	38 (1.3%)	749 (6.7%)	735 (10.6)	355 (51%)	1233 (38.5%)	500 (70%)

Pounds Caught by Areas of Islands 19 54-19 59

19 54 19 55 19 56 19 57 19 58 19 59

KAUAI

500	223(50.1%)	45 ⁰ (10)			
501	222(50%)	297(65.7)			
503					
504		110(24.3)			
520					
521					
Total	445(4%)	452 ⁰ (6.5)			

FRENCH FRIGATE SHOALS

1239

341(49)⁰

GARDNER PINNACLES

1539

1797(56)⁰

Pounds Caught by Areas of Islands 1948-1953

	19 48	1949	19 50	19 51	19 52	19 53
LANAI						
308						
309						
Total	50 (100%) 50 (0.3%)					
MOLOKAI						
310		486* (100%)		12 (100%)	125 (100%)	1200* (39.2%)
311			500* (35.7)			
312			902 (64.3)			
313						
314						
Total		486* (3.1%)	1402* (11.8)	12 (0.2%)	125 (4.6%)	1864* (60.8%) 3064* (32.4%)
OAHU						
400	11774* (75.1%)	1075 (17.4%)	1046 (15.2)	100 (6%)		
401	3226 (20.6%)	3634* (58.8%)	635 (9.2)	125 (7.5%)	954 (51.4%)	
402		234* (3.8%)	73 (1.1)	340 (20.4%)	400 (21.6%)	
403	500 (3.2%)		605 (8.8)			
404		328 (5.3%)	209 (3.0%)	280 (16.8%)		3* (0.1%)
405						
406						
407		568.5 (9.2%)	4043* (58.5)	125 (7.5%)		
408		344* (5.6%)	290 (4.2%)	696 (41.8%)	237 (12.8%)	3657* (95.2%)
409					265 (14.3%)	180 (4.7%)
420						
421	185 (1.2%)					
428						
Total	15,685* (78.7%)	6183.5* (39.4%)	6901* (58.3)	1666 (32.4%)	1856 (67.9%)	3840* (40.6%)

Pounds Caught by Areas of Islands 1948-1953

	19 48	19 49	19 50	19 51	19 52	19 53
KADAI						
500						
501						
503		1000 (100%)	200 (100%)		600 (100%)	1000 (100%)
504						
520						
521						
Total		1000 (6.3%)	200 (1.7%)		600 (22%)	1000 (10.5%)
NECKER ISLAND						
1139				1519 (29.5)		
FRENCH FRIGATE SHOALS						
1239	422 (2.1)		1169 (9.9)	1143 (22.2)		807 (8.5)
GARDNER PINNACLES						
1539						355 (3.8)
PEARL & HERMES						
2119	1380 (6.9)					

Pounds Caught by Areas of Islands 1948-1953

	1948	1949	1950	1951	1952	1953
HAWAII						
101						
102						
103						
105			1994 (100%)	269 (100%)		200 (100%)
107						
108						
121						
122						
126						
128						
Total			1994 (16.8%)	269 (5.2%)		200 (2.1%)
MAUI						
300						
301	230 (9.6)		100 (56.2)		150 (100%)	
302	2166 (90.4)			535 (100%)		
303						
304						
320						
321						
322						
323						
Total	2396* (12%)	8033 (51.2%)	178 (1.5)	535* (10.5%)	150 (5.5%)	200 (2.1%)

*In final copy: 1) Name set all asterisks & % signs
 2) use 1 1/2 spacing between area numbers 3) make sure
 all columns are straight and centered under year
 4) At end of one group of years, if there is room start
 in on next group to make one continuous table*

POUNDS OF TURTLE FROM THE HAWAIIAN ISLANDS REPORTED AS BEING COMMERCIALY CAPTURED BY VARIOUS FISHING METHODS
1948-1973

YEAR	NET	GAFT	SCUBA	SPEAR	HAND	DIVE
1948	4,006 (20.1%)			10 (.1%)		
1949	9,919.5 (63.2%)			60 (.4%)		
1950	9,815.5 (82.9%)					398 (3.3%)
1951	1,317 (25.6%)					
1952	1,516 (55.5%)					
1953	3,990 (42.2%)					
1954	979 (32.2%)					
1955	7,252 (65.2%)					
1956	2,696 (38.9%)					
1957	265 (38.1%)					
1958	130 (4.1%)		360 (11.2%)		286 (8.9%)	457 (14.3%)
1959	214 (30%)					
1960					130 (3.5%)	
1961					709 (100%)	

YEAR	NET	GAPT	SCUBA	SPEAR	HAND	DIVE
1962						
1963	224 (58.9%)					
1964	70 (4.3%)				730 (45.4%)	
1965	80 (5.3%)			1,200 (79.5%)		
1966	4,312 (83.4%)			590 (11.4%)		
1967	2,429 (48.4%)			2,585 (51.6%)		
1968	2,980 (88.9%)			120 (3.6%)		
1969	6,795 (66.8%)	500 (4.9%)	1,210 (11.9%)		1,456 (14.3%)	
1970	10,117 (80.9%)	930 (7.4%)		540 (4.3%)	419 (3.4%)	
1971	6,105 (30.7%)	10,130 (50.9%)	750 (3.8%)	1,365 (6.9%)	745 (3.7%)	115 (.6%)
1972	11,546 (45.1%)	6,999 (27.4%)	4,300 (16.8%)	254 (1%)	34.5 (.1%)	
1973	12,135 (63.4%)	1,906 (10%)	4,588 (24%)		60 (.3%)	
1948-1973	98,893 (49.5%)	20,465 (10.2%)	11,208 (5.6%)	6,724 (3.4%)	4,569.5 (2.3%)	970 (.5%)

YEAR	NOOSE	TRAP	HOOK AND LINE	TROLLING	HANDLINE	UNKNOWN	YEARLY TOTAL, LBS
1962		477(100%)					477.0
1963		156(41.1%)					380.0
1964			100(6.2%)			709(44.1%)	1,609.0
1965						230(15.2%)	1,510.0
1966			20(.4%)			250(4.8%)	5,172.0
1967							5,014.0
1968						250(7.5%)	3,350.0
1969		214(2.1%)					10,175.0
1970						500(4%)	12,506.0
1971	355(1.8%)					319(1.6%)	19,884.0
1972						2,450(9.6%)	25,583.5
1973	400(2.1%)					42(.2%)	19,131.0
1948-1973	755(.3%)	847(.4%)	505(.3%)	167(.1%)	2,997(1.5%)	5,667(29.9%)	199,767.5

Table Pound and percent of turtle from the Hawaiian Islands reported as being commercially captured by month, 1948-1973

Month	Pounds	% of Total
January	19,690	9.9
February	17,003	8.5
March	23,152	11.6
April	19,750	9.9
May	15,179.5	7.6
June	18,650	9.3
July	16,895.5	8.5
August	16,899.5	8.5
September	16,056	8.0
October	13,361.5	6.7
November	9,487.5	4.8
December	13,643	6.8
Total	199,767.5	100.0