

**COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT**  
**CALENDAR YEAR 2004**



**DIVISION OF AQUATIC RESOURCES**  
**DEPARTMENT OF LAND AND NATURAL RESOURCES**  
**STATE OF HAWAII**

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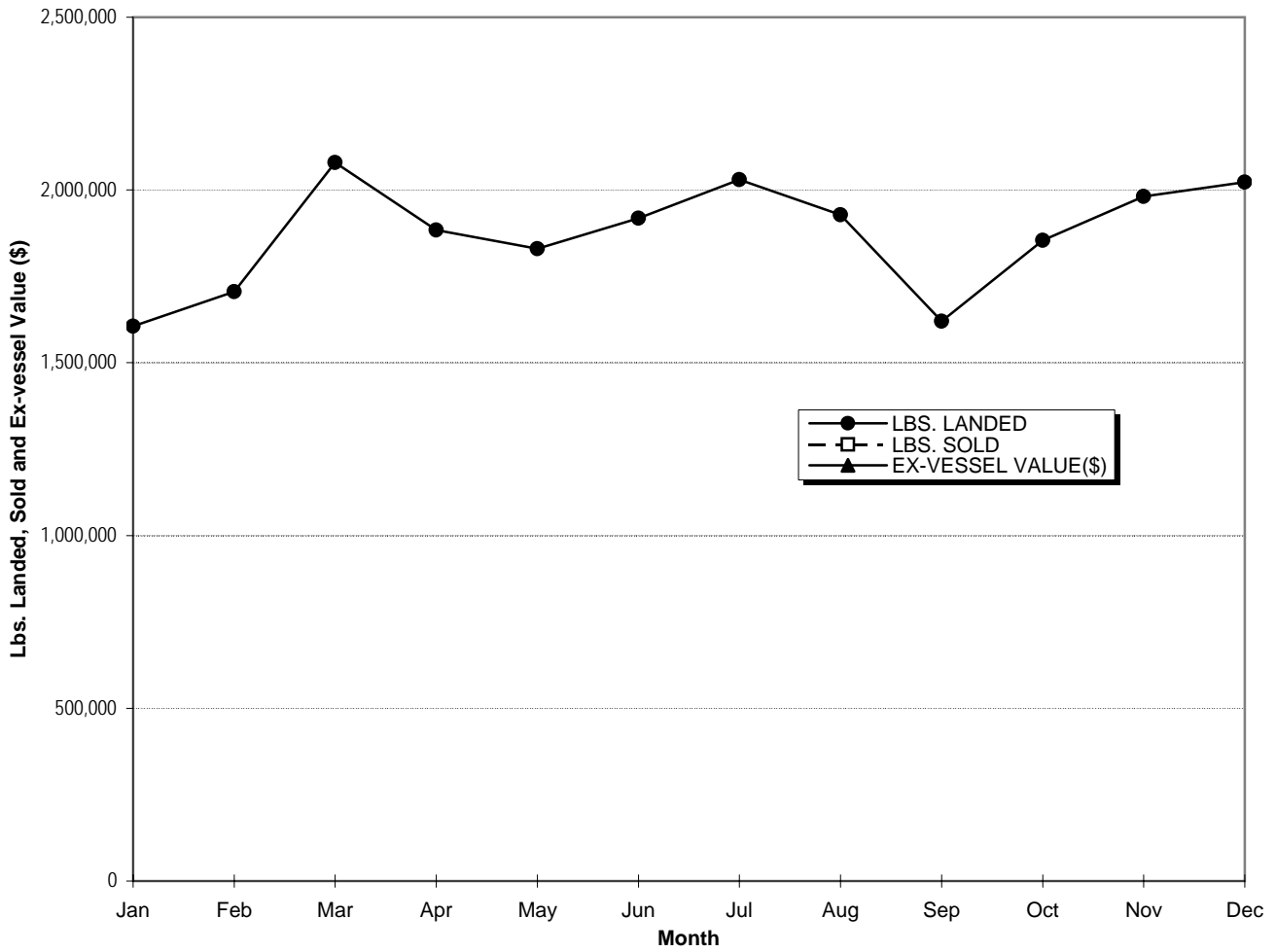
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Note: Data incomplete due to late submission and processing of fish catch records.

## INTRODUCTION

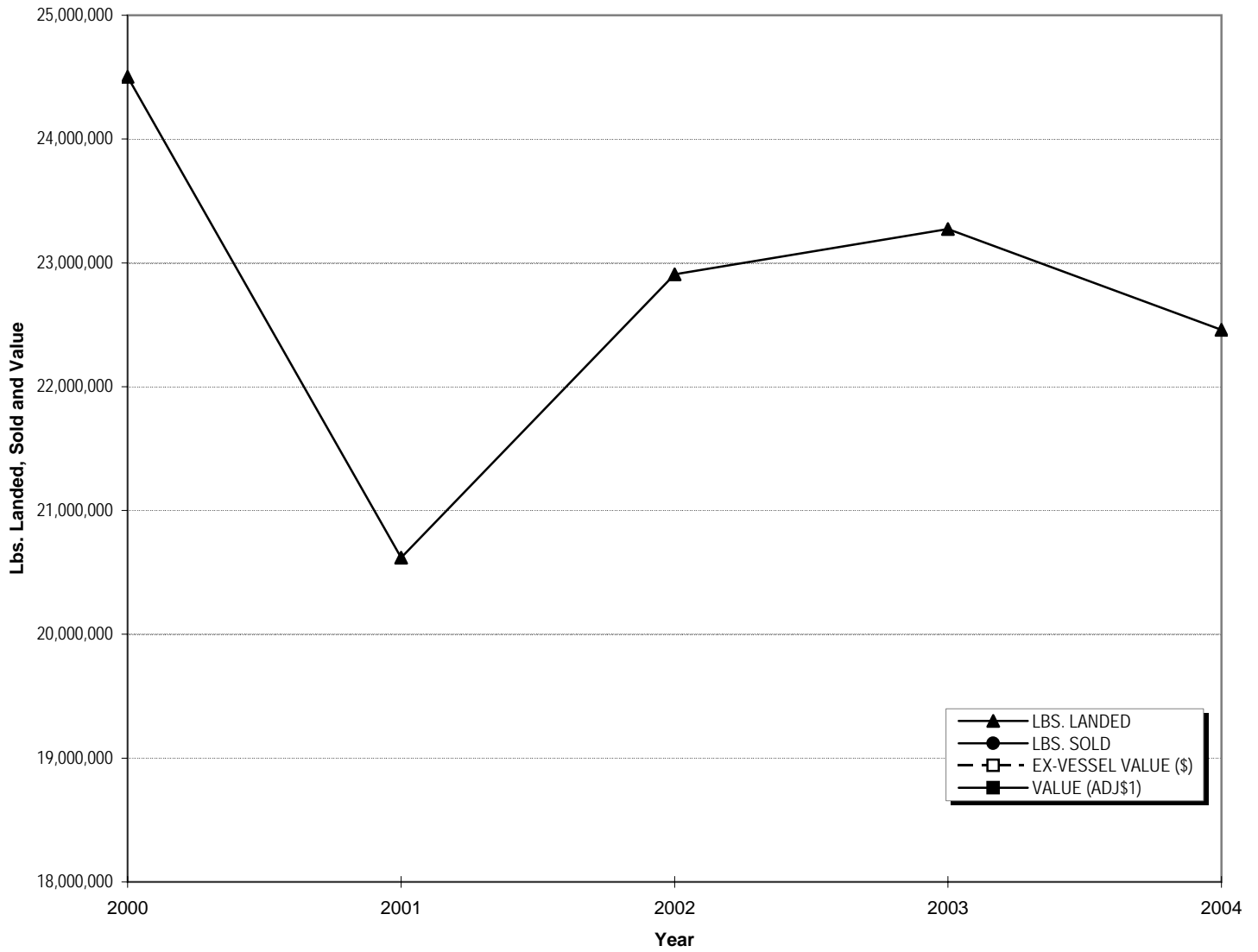
The information presented in this Commercial Marine Landing Summary Trend Report is compiled from fishing reports submitted by licensed fishermen. Commercial fishers are required to obtain commercial marine licenses and submit fishing reports to DLNR-DAR. In previous editions of these summary trend reports, including 1997 through 2001, only ex-vessel landing data (pounds sold and value of pounds sold) were reported. On October 2002, DLNR-DAR implemented new and revised commercial fishing report forms to improve the collection of fishing effort and total catch data. Since then commercial fishers no longer report ex-vessel landings on their fishing reports. The ex-vessel landing data are collected from commercial fish dealers. DLNR-DAR is in the process of integrating fishing effort and catch data from fishing report reports with ex-vessel landing data from commercial marine dealer reports. Until this process is completed, ex-vessel landing information by fisheries will not be available. Therefore, this commercial marine landings summary trend report only contains catch data or pounds landed. When the data integration process is completed, this summary trend report will be revised and the catch data will be replaced with ex-vessel value landing data.

**CHART A.1  
TOTAL SEA LANDINGS ANNUAL MONTHLY TRENDS, 2004**



<b>MONTH</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>EX-VESSEL VALUE(\$)</b>
<i>Jan</i>	1,605,595		
<i>Feb</i>	1,705,533		
<i>Mar</i>	2,079,402		
<i>Apr</i>	1,883,704		
<i>May</i>	1,830,168		
<i>Jun</i>	1,918,622		
<i>Jul</i>	2,029,787		
<i>Aug</i>	1,928,009		
<i>Sep</i>	1,620,224		
<i>Oct</i>	1,854,643		
<i>Nov</i>	1,981,567		
<i>Dec</i>	2,022,272		
<b>TOTAL</b>	<b>22,459,526</b>		

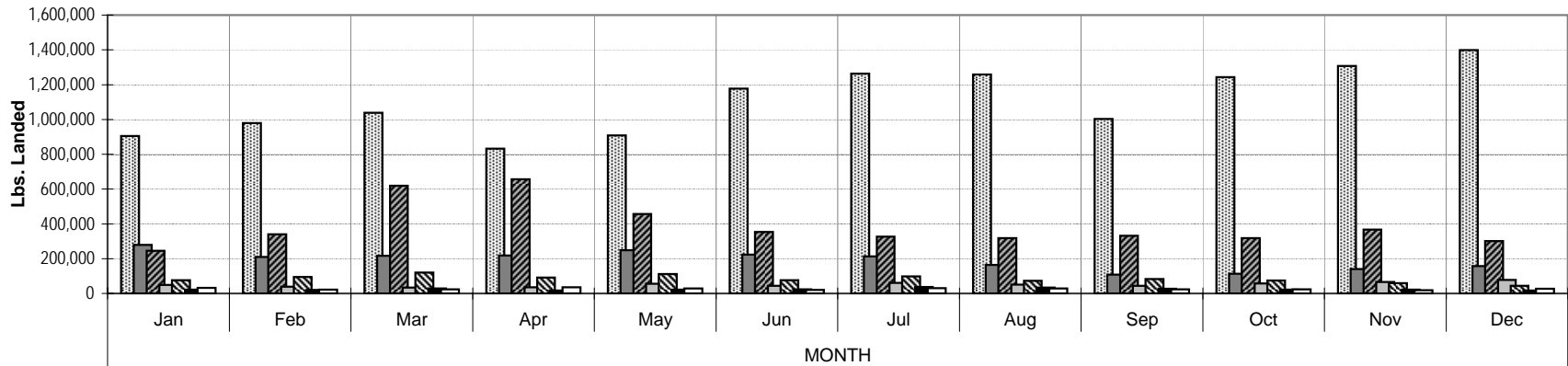
**CHART A.2  
TOTAL SEA LANDINGS ANNUAL 5 - YEAR TRENDS, 2000 - 2004**



<b>YEAR</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>EX-VESSEL VALUE (\$)</b>	<b>HCPI<sup>1</sup></b>	<b>VALUE (ADJ\$<sup>1</sup>)</b>
<b>2000</b>	<b>24,503,119</b>			<b>176.5</b>	
<b>2001</b>	<b>20,617,941</b>			<b>179.1</b>	
<b>2002</b>	<b>22,906,685</b>			<b>180.6</b>	
<b>2003</b>	<b>23,274,104</b>			<b>184.3</b>	
<b>2004</b>	<b>22,459,526</b>			<b>190.2</b>	

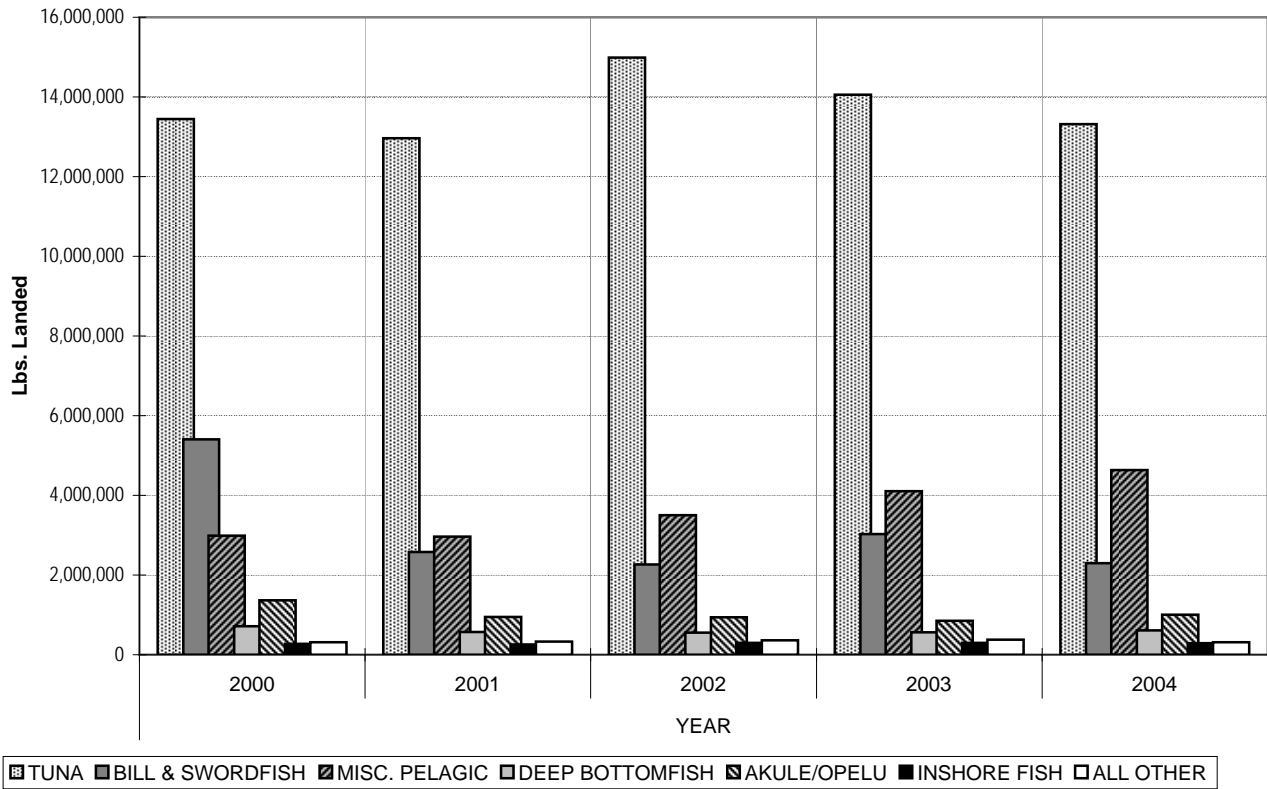
<sup>1</sup> Honolulu Consumer Price Index (all wage earners)

**CHART B.1  
SEA LANDINGS BY SPECIES GROUP ANNUAL MONTHLY TRENDS, 2004**



<i>Calendar Year 2004</i>		<i>MONTH</i>												<i>YEAR</i>
<i>SPECIES GROUP</i>		<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>TOTAL</i>
TUNA	<i>Lbs. Landed</i>	904,731	978,977	1,039,102	832,373	908,333	1,177,336	1,264,009	1,258,477	1,002,756	1,243,465	1,307,101	1,398,342	<b>13,315,002</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
BILLFISH	<i>Lbs. Landed</i>	278,317	209,972	216,191	217,792	248,676	223,860	213,220	164,593	108,993	113,571	141,186	157,806	<b>2,294,177</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value(\$)</i>													
MISC. PELAGIC	<i>Lbs. Landed</i>	245,201	340,600	619,414	655,574	456,496	353,826	325,784	317,779	332,093	318,688	366,668	301,424	<b>4,633,547</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value(\$)</i>													
DEEP BOTTOMFISH	<i>Lbs. Landed</i>	48,466	39,509	33,006	34,921	55,595	43,176	61,136	51,563	43,901	57,988	65,557	77,574	<b>612,392</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
AKULE/OPELU	<i>Lbs. Landed</i>	75,751	94,864	120,305	90,950	111,599	76,392	98,937	72,577	82,650	74,587	59,753	44,353	<b>1,002,718</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
INSHORE FISH	<i>Lbs. Landed</i>	21,638	19,996	27,947	16,749	21,529	24,007	36,473	33,609	26,813	22,330	22,218	16,353	<b>289,662</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
ALL OTHER	<i>Lbs. Landed</i>	31,491	21,615	23,437	35,345	27,940	20,025	30,228	29,411	23,018	24,014	19,084	26,420	<b>312,028</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>1,605,595</b>	<b>1,705,533</b>	<b>2,079,402</b>	<b>1,883,704</b>	<b>1,830,168</b>	<b>1,918,622</b>	<b>2,029,787</b>	<b>1,928,009</b>	<b>1,620,224</b>	<b>1,854,643</b>	<b>1,981,567</b>	<b>2,022,272</b>	<b>22,459,526</b>
	<i>Lbs. Sold</i>													
	<i>Ex-vessel Value (\$)</i>													

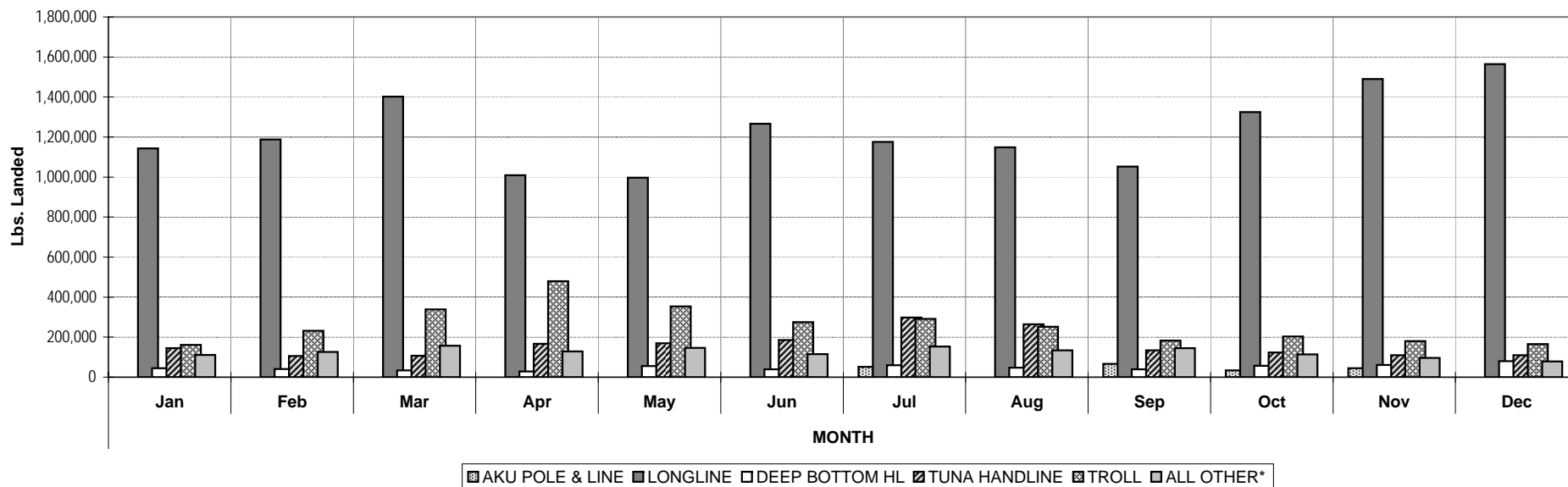
**CHART B.2  
SEA LANDINGS BY SPECIES GROUPS ANNUAL 5 - YEAR TRENDS, 2000 - 2004**



<i>Calendar Year</i>		<b>YEAR</b>				
<b>SPECIES GROUP</b>		<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
TUNA	<i>Lbs. Landed</i>	13,446,932	12,966,476	14,984,882	14,055,058	13,315,002
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
BILL & SWORDFISH	<i>Lbs. Landed</i>	5,405,400	2,577,817	2,263,181	3,029,870	2,294,177
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
MISC. PELAGIC	<i>Lbs. Landed</i>	2,989,745	2,964,877	3,501,554	4,107,392	4,633,547
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
DEEP BOTTOMFISH	<i>Lbs. Landed</i>	715,904	573,815	557,083	559,111	612,392
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
AKULE/OPELU	<i>Lbs. Landed</i>	1,361,786	944,260	939,149	847,465	1,002,718
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
INSHORE FISH	<i>Lbs. Landed</i>	269,298	258,277	301,162	295,184	289,662
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
ALL OTHER	<i>Lbs. Landed</i>	314,054	332,419	359,674	380,024	312,028
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>24,503,119</b>	<b>20,617,941</b>	<b>22,906,685</b>	<b>23,274,104</b>	<b>22,459,526</b>
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					

<sup>1</sup> Honolulu Consumer Price Index (all wage earners)

**CHART C.1  
SEA LANDINGS BY FISHING METHOD ANNUAL MONTHLY TRENDS, 2004**

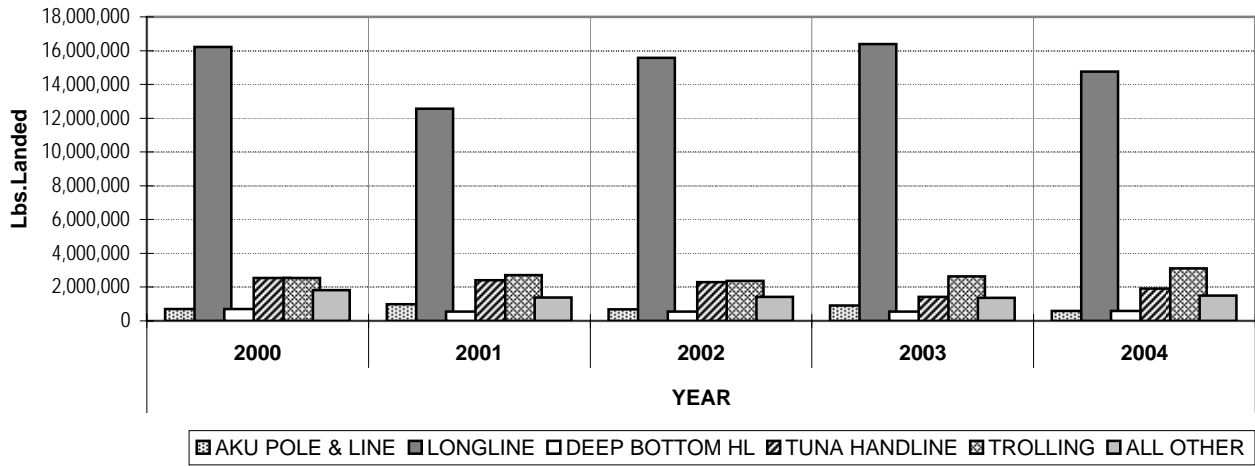


Calendar Year 2004		MONTH												YEAR TOTAL
METHOD		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
AKU POLE & LINE	Lbs. Landed	0	*	*	*	*	*	51,861	*	66,005	34,347	44,542	*	578,171
	Lbs. Sold													
	Ex-vessel Value (\$)													
LONGLINE	Lbs. Landed	1,142,885	1,188,277	1,401,612	1,008,632	997,362	1,266,086	1,175,636	1,148,256	1,052,137	1,324,890	1,489,821	1,563,745	14,759,339
	Lbs. Sold													
	Ex-vessel Value (\$)													
DEEP BOTTOM HL	Lbs. Landed	45,191	40,153	33,850	28,951	54,997	39,878	59,602	47,605	39,879	56,378	61,575	79,393	587,452
	Lbs. Sold													
	Ex-vessel Value (\$)													
TUNA HANDLINE	Lbs. Landed	144,331	105,719	107,397	166,560	169,811	185,015	297,964	264,459	134,036	122,959	110,093	109,441	1,917,785
	Lbs. Sold													
	Ex-vessel Value (\$)													
TROLL	Lbs. Landed	161,478	231,480	338,589	479,314	353,858	275,074	291,608	251,244	182,623	202,578	179,799	165,486	3,113,131
	Lbs. Sold													
	Ex-vessel Value (\$)													
ALL OTHER*	Lbs. Landed	111,710	125,746	157,011	128,234	146,693	114,474	153,116	133,961	145,544	113,491	95,737	77,931	1,503,648
	Lbs. Sold													
	Ex-vessel Value (\$)													
<b>TOTAL</b>	Lbs. Landed	<b>1,605,595</b>	<b>1,691,375*</b>	<b>2,038,459*</b>	<b>1,811,691*</b>	<b>1,722,721*</b>	<b>1,880,527*</b>	<b>2,029,787</b>	<b>1,845,525*</b>	<b>1,620,224</b>	<b>1,854,643</b>	<b>1,981,567</b>	<b>1,995,996*</b>	<b>22,459,526</b>
	Lbs. Sold													
	Ex-vessel Value (\$)													

\* 'Monthly' totals do not include landings for "Aku Pole & Line" due to confidentiality requirements.



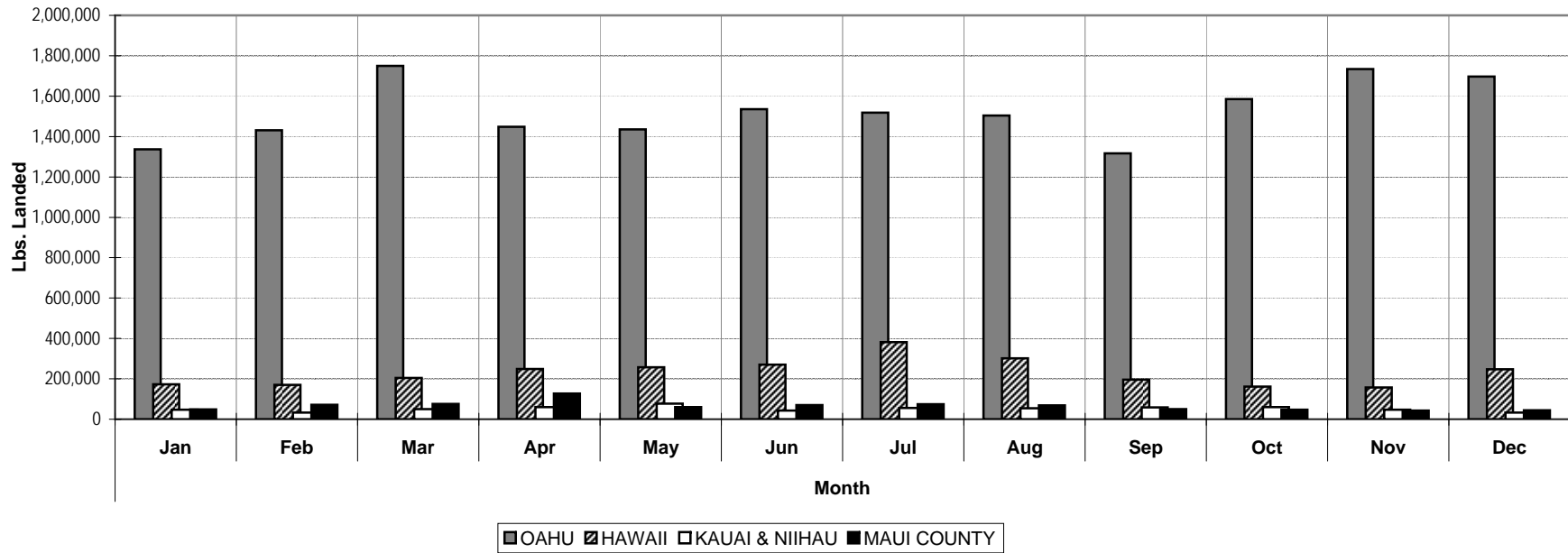
**CHART C.2  
SEA LANDINGS FISHING METHOD ANNUAL 5 - YEAR TRENDS, 2000 - 2004**



Calendar Year		YEAR				
FISHING METHOD		2000	2001	2002	2003	2004
AKU POLE & LINE	<i>Lbs. Landed</i>	706,491	990,621	675,754	905,939	578,171
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
LONGLINE	<i>Lbs. Landed</i>	16,212,093	12,570,081	15,580,447	16,396,779	14,759,339
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
DEEP BOTTOM HL	<i>Lbs. Landed</i>	709,791	558,545	557,037	546,979	587,452
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
TUNA HANDLINE	<i>Lbs. Landed</i>	2,532,530	2,407,141	2,292,894	1,419,854	1,917,785
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
TROLLING	<i>Lbs. Landed</i>	2,531,000	2,700,032	2,376,941	2,632,831	3,113,131
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
ALL OTHER	<i>Lbs. Landed</i>	1,811,214	1,391,521	1,423,612	1,371,722	1,503,648
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>24,503,119</b>	<b>20,617,941</b>	<b>22,906,685</b>	<b>23,274,104</b>	<b>22,459,526</b>
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					

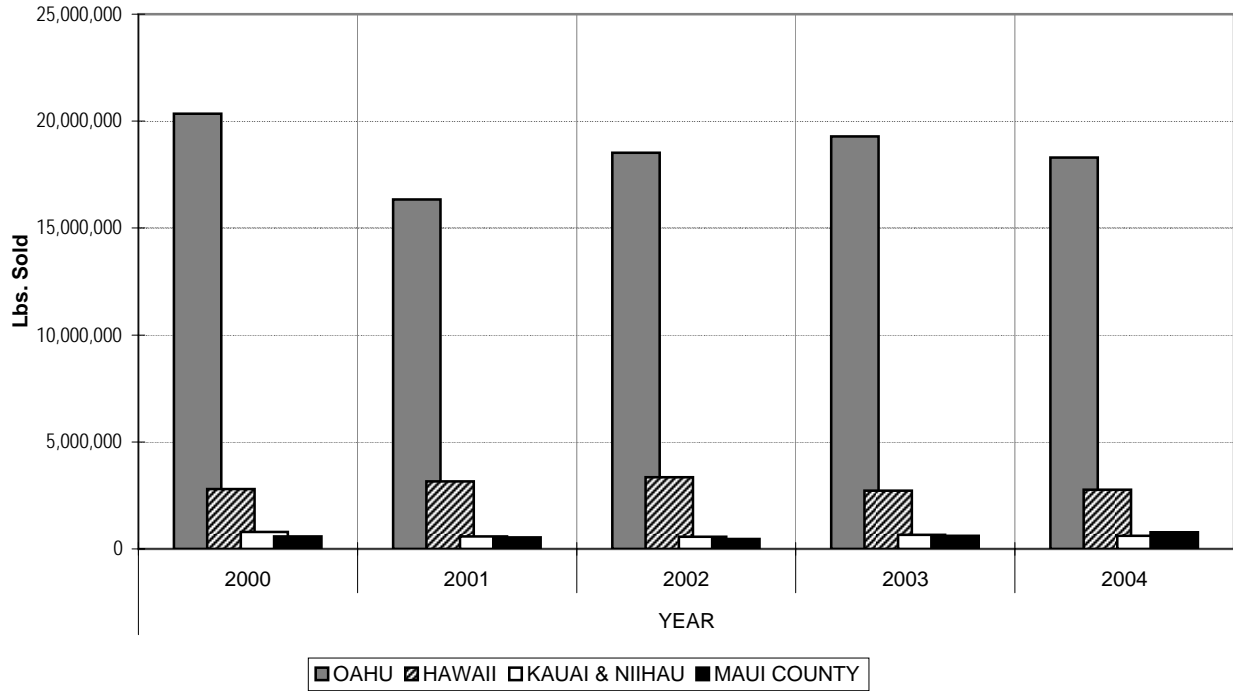
<sup>1</sup> Honolulu Consumer Price Index (all wage earners)

**CHART D.1  
SEA LANDINGS BY PORT ANNUAL MONTHLY TRENDS, 2004**



Calendar Year 2004		Month												TOTAL
PORT		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
OAHU	Lbs. Landed	1,337,070	1,431,555	1,749,913	1,447,942	1,435,773	1,535,652	1,518,304	1,503,772	1,316,456	1,584,770	1,734,597	1,696,869	18,292,673
	Lbs. Sold													
	Ex-vessel Value (\$)													
HAWAII	Lbs. Landed	173,632	169,501	204,684	248,369	257,453	270,230	381,570	301,990	195,276	162,172	156,545	247,545	2,768,967
	Lbs. Sold													
	Ex-vessel Value (\$)													
KAUAI & NIIHAU	Lbs. Landed	46,475	33,409	49,524	60,208	76,982	42,449	55,323	54,092	58,392	60,071	47,610	33,325	617,860
	Lbs. Sold													
	Ex-vessel Value (\$)													
MAUI COUNTY	Lbs. Landed	48,418	71,068	75,281	127,185	59,960	70,291	74,590	68,155	50,100	47,630	42,815	44,533	780,026
	Lbs. Sold													
	Ex-vessel Value (\$)													
TOTAL	Lbs. Landed	1,605,595	1,705,533	2,079,402	1,883,704	1,830,168	1,918,622	2,029,787	1,928,009	1,620,224	1,854,643	1,981,567	2,022,272	22,459,526
	Lbs. Sold													
	Ex-vessel Value (\$)													

**CHART D.2  
SEA LANDINGS BY PORT ANNUAL 5-YEAR TRENDS, 2000 - 2004**



<i>Calendar Year</i>		<i>YEAR</i>				
<b>PORT</b>		<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
<b>OAHU</b>	<i>Lbs. Landed</i>	20,344,754	16,332,445	18,524,894	19,284,040	18,292,673
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>HAWAII</b>	<i>Lbs. Landed</i>	2,792,247	3,159,203	3,348,593	2,716,575	2,768,967
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>KAUAI &amp; NIIHAU</b>	<i>Lbs. Landed</i>	785,651	588,460	569,250	663,909	617,860
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>MAUI COUNTY</b>	<i>Lbs. Landed</i>	580,467	537,833	463,948	609,580	780,026
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					
<b>TOTAL</b>	<i>Lbs. Landed</i>	<b>24,503,119</b>	<b>20,617,941</b>	<b>22,906,685</b>	<b>23,274,104</b>	<b>22,459,526</b>
	<i>Lbs. Sold</i>					
	<i>Value (Adj\$)<sup>1</sup></i>					

<sup>1</sup> Honolulu Consumer Price Index (all wage earners)

**APPENDICES**  
**Statistical Tables**  
**Calendar 2004**

**Appendix A - Sea Landings by Species**

<b>SPECIES</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>	<b>SPECIES</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>
<b>TUNAS</b>				<b>AKULE/OPELU</b>			
Aku	896,754			Akule	734,571		
Bigeye	8,605,114			Hahalalu	8,574		
Kawakawa	7,411			Opelu	259,051		
Keokeo	77			Opelu Mama	522		
Tombo	947,455			<b>SUBTOTAL</b>	<b>1,002,718</b>		
Yellowfin	2,802,014						
Unclassified	56,177			<b>JACKS</b>			
<b>SUBTOTAL</b>	<b>13,315,002</b>			Barred-jack	32		
<b>BILLFISHES &amp; SWORDFISH</b>				Butaguchi	25,902		
Black marlin	10,119			Dobe	10,646		
Blue marlin	832,411			Guncan	1,363		
Sailfish	7,209			Kamanu	4,270		
Shortbill spearfish	398,310			Kihikihi	310		
Striped marlin	794,229			Lae	408		
Swordfish	245,307			Menpachi (sasa)	667		
Unclassified	6,592			No-bite	44		
<b>SUBTOTAL</b>	<b>2,294,177</b>			Omaka	59		
<b>MISC. PELAGIC FISHES</b>				Omilu	7,671		
Kaku	32,607			Paopao	68		
Mahimahi	2,067,534			Papa	7,381		
Malolo <sup>2</sup>	---			White	14,768		
Mola mola	110			Unclass./misc.	1,964		
Monchong	702,134			<b>SUBTOTAL</b>	<b>75,553</b>		
Ono	847,909			<b>INSHORE FISHES</b>			
Opah	674,438			<i>Parrotfishes</i>			
Walu	308,800			Panuhunuhu	627		
<b>SUBTOTAL</b>	<b>4,633,532</b>			Panunu	88		
<b>DEEP BOTTOMFISHES</b>				Uhu	31,334		
Alfonsin <sup>2</sup>	---			<i>Goatfishes</i>			
Armorhead <sup>2</sup>	---			Kumu	2,162		
Ehu	36,874			Malu	132		
Golden kale	204			Moano	2,604		
Hapuupuu	43,610			Moana kali	926		
Hauliuli <sup>2</sup>	---			Munu	119		
Hogo	2,044			Weke nono	5,602		
Kahala	8,830			Weke pueo <sup>2</sup>	---		
Kalekale	10,209			Weke, red	49,655		
Lehi	6,833			Weke, white	4,781		
Opakapaka	136,883			Weke(unclass.) <sup>2</sup>	3,013		
Taape	45,218			<i>Surgeonfishes</i>			
Ukikiki (gindai)	5,742			Api	93		
Uku	157,771			Black kole <sup>2</sup>	15		
Ulaula (onaga)	158,086			Kala	21,253		
Yellow-tail kale <sup>2</sup>	55			Kalalei	251		
<b>SUBTOTAL</b>	<b>612,359</b>			Kole	2,039		
				Maiii	171		
				Maiko	2,277		
				Manini	9,824		
				Naenae	9,241		

<sup>2</sup>Due to low level of fishermen reporting and to preserve confidentiality, data for these species are pooled under their respective species group unclassified/miscellaneous or the Unclass./Misc. category.

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
<b>INSHORE FISHES(cont.)</b>			
<i>Surgeonfishes(cont.)</i>			
Opelu kala	2,062		
Pakuikui	378		
Palani	33,777		
Pualu	7,067		
<i>Damselfishes</i>			
Kupipi	123		
Maomao	1,622		
<i>Squirrelfishes</i>			
Alaihi	135		
Uu	29,466		
Uukanipo	28		
<i>Wrasses</i>			
Aawa	2,041		
Ea	21		
Hilu <sup>2</sup>	---		
Hinalea	43		
Kupoupou	63		
Laenihi	3,926		
Poou <sup>2</sup>	---		
<i>Miscellaneous Inshore Fishes</i>			
Ahaaha	467		
Aholehole	1,893		
Amaama	8,028		
Awa	1,024		
Awaawa	430		
Aweoweo	14,117		
Humuhumu	113		
Iheihe <sup>2</sup>	---		
Kawelea	2,973		
Makiawa <sup>2</sup>	---		
Moi	197		
Mu	2,044		
Nenu	19,349		
Nohu	928		
Nunu	52		
Oililepa	3,590		
Oio	2,002		
Oopuhue <sup>2</sup>	---		
Pakii <sup>2</sup>	---		
Poopaa	270		
Puhi (brown) <sup>4</sup>	---		
Puhi (white)	57		
Puhi (misc.) <sup>4</sup>	67		
Roi	682		
Saba <sup>4</sup>	---		
Summer mullet <sup>4</sup>	---		
Tilapia <sup>4</sup>	---		
Toau	3,303		
Uouoa	143		
Wahanui	84		
<b>SUBTOTAL</b>	<b>288,772</b>		
<b>SHARKS</b>			
Mako	74,067		
Oceanic whitetip	4		
Thresher	63,738		
Tiger	126		
Unclass/misc	4,354		

SPECIES	LBS. LANDED	LBS. SOLD	VALUE(\$)
<b>CRABS</b>			
Aama	228		
Kona	12,120		
Kuahonu <sup>2</sup>	---		
Samoa	1,761		
Crab (unclass./misc.) <sup>2</sup>	12,050		
<b>SUBTOTAL</b>	<b>26,159</b>		
<b>SHRIMP</b>			
Laevigatus <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>---</b>		
<b>OTHER ANIMALS</b>			
Hee (day tako)	18,846		
Hee (unclass./misc.) <sup>2</sup>	3,617		
Lole (sea cucumber) <sup>2</sup>	171		
Muhee (squid)	645		
Opihi makaiauli	673		
Opihi 'alina	7,522		
Opihi (unclass.)	75		
<b>SUBTOTAL</b>	<b>31,549</b>		
<b>SEAWEEDS</b>			
Limu kohu	2,630		
Limu manauea <sup>2</sup>	---		
Limu ogo	7,461		
Limu wawaeiole	6,393		
Unclass./misc. <sup>2</sup>	422		
<b>SUBTOTAL</b>	<b>16,906</b>		
<b>CORALS</b>			
Black <sup>2</sup>	---		
<b>SUBTOTAL</b>	<b>---</b>		
<b>UNCLASS./MISC.</b>			
Unclass./misc. <sup>2</sup>	12,267		
<b>TOTAL</b>	<b>22,459,526</b>		

**Appendix B - Sea Landings by Fishing Method**

<b>FISHING METHOD</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>
Aku pole & line	578,171		
Longline	14,759,339		
Deepbottom handline	587,452		
Inshore handline	301,810		
Tuna handline	1,917,785		
Other handline <sup>3</sup>	273		
Trolling	3,113,131		
Diving	103,369		
Net	965,679		
Trap	46,647		
Rod & reel (casting, dunking, etc.)	47,683		
Handpick (limu & opihi)	21,367		
Miscellaneous <sup>3</sup>	16,820		
<b>TOTAL</b>	<b>22,459,526</b>		

**Appendix C - Sea Landings by Island**

<b>ISLAND</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>
Oahu	18,292,673		
Hawaii	2,768,967		
Maui	719,845		
Kauai & Niihau	617,860		
Molokai	34,777		
Lanai	25,404		
<b>STATE TOTAL</b>	<b>22,459,526</b>		

**Appendix F - Sea Landings by Area Fished**

<b>AREA (area catch code)</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>
<b>Main Hawaiian Islands (refer to Fisheries Chart No. 1)</b>			
Kaula (508,528)	45,059		
Kaulakahi Channel (521,525)	13,407		
Niihau (505-506,526,527)	145,758		
Makahuena Pt. - Kekaha (500,520)	482,281		
Barking Sands - Na Pali Coast (501-502,522)	30,413		
Hanalei - Moloa'a Bay (503,523)	74,415		
Anahola - Nawiliwili (504,524)	157,085		
Sand Is. - Ala Wai (400,420)	78,896		
Pearl Harbor - Barbers Pt. (401,421)	283,535		
Barbers Pt. - Kaena Pt. (402-403,422-423)	575,616		
Kaena Pt. - Kahuku (404-405,424-425)	496,233		
Laie Pt. - Kahana Bay (406-426)	208,463		
Kaneohe Bay (407,427)	351,409		
Kailua Bay - Makapuu Pt. (408,428)	93,294		
Makapuu Pt. - Diamond Head (409)	32,232		

**Appendix F - Sea Landings by Area Fished (cont.)**

<b>AREA (area catch code)</b>	<b>LBS. LANDED</b>	<b>LBS. SOLD</b>	<b>VALUE(\$)</b>
Kawai (Molokai) Channel (332,429)	74,649		
Penguin Bank (331)	113,864		
Kealaikahiki Channel (327)	62,986		
Alenuihaha Channel (324-325)	24,825		
Auau, Kalohi & Pailolo Channels (321)	35,141		
Alalakeiki Channel (320)	78,390		
Molokai (310-314,333)	72,554		
Lanai (308-309,328)	101,057		
Kahoolawe (306-307,326)	54,363		
Makena - Hana (304-305)	64,889		
Hana - Kahului (302-303,322-323)	218,666		
Honolua - Lahaina (301)	4,823		
Lahaina - Makena (300)	90,831		
Milolii - South Pt. (100,108,120,128)	170,108		
Punaluu - Kalapana (107,127)	170,156		
Kona Coast (101,121)	1,162,354		
Keahole - Kawaihae (102,122)	192,593		
Kohala - Hamakua Coast (103-104,123-124)	151,518		
Hilo (105,125)	268,415		
Puna - Kalapana (106,126)	287,405		
Other (all other area codes from Fisheries Chart No. 1 not listed above)	318,332		
<b>SUBTOTAL</b>	<b>6,786,015</b>		
<b>Northwestern Hawaiian Islands offshore - 200 mile EEZ (refer to Fisheries Chart No. 2)</b>			
Nihoa (16223C,16123A,16222I)	21,344		
Twin Bank (16323C,16223A) <sup>3</sup>	---		
Necker (16423D,16423E,16423F,16423B,16423C)	68,147		
French Frigate (16623H,16623I,16623F)	13,491		
Brooks Bank (16624A,16623G)	3,908		
St. Rogatien (16724F,16724C)	20,241		
Gardner Pinnacles (16825C,16725A,16824I,16824F,16724G,16724D)	37,744		
Maro Reef (17025D, 17025E, 17025A, 17025B)	25,155		
Laysan (17125G, 17125H) <sup>3</sup>	---		
North Hampton (17225E, 17225F, 17225C)	3,034		
Pioneer Bank (17326B, 17326C, 17325H, 17325I) <sup>3</sup>	---		
Lisianski (17426C, 17326A, 17425I, 17325G) <sup>3</sup>	---		
Other (all other areas codes from Fisheries Chart No. 2 not listed above) <sup>3</sup>	118,711		
<b>SUBTOTAL</b>	<b>311,775</b>		
Other areas (not in Fisheries Charts 1 & 2) (other mid-ocean and missing area fished codes)	15,361,736		
<b>TOTAL</b>	<b>22,459,526</b>		

<sup>3</sup>Due to low level of fishermen reporting and to preserve confidentiality, data for these fishing methods and areas pooled under their respective group totals.