



**National Marine Fisheries Service
Southeast Fisheries Science Center**

SAFMC UPDATE

September 19, 2008

**Charleston Marriott Hotel
Charleston, SC**

**Drs. Tom Jamir, Steve Turner, Ken Brennan,
Vivian Matter and Jennifer Potts**



Southeast Region Headboat Survey

- **Headboat logbook reporting compliance has shown a marked improvement since the certified reminder letter was sent out in March 2008. Port Agents have seen better reporting and cooperation by captains throughout the Atlantic and Gulf of Mexico.**
- **The Headboat Survey Coordinator visited the Northeast Florida headboat captains, owners and staff in July to address concerns about personnel and other headboat related issues.**
- **A Headboat Survey representative will participate in the Catchability Workshop in Atlanta in November.**

Status of Data Collection Program

- For vermilion snapper, king & Spanish mackerel, all aging studies were completed and provided to SEDAR 16 and 17 Data Workshop.
- SEFSC Beaufort Lab is now processing red grouper samples (n=5,300 to date) for SEDAR 19 that is scheduled to begin in May 2008.
- Preliminary age workshop with SCDNR on red grouper was conducted and both groups felt they are consistent in aging this species.
- Started processing snowy grouper and tilefish samples for the update assessments scheduled in 2010.
- Gag samples are not yet being processed at this time.

Recreational Fishery Landings Update:

➤ **Seven species listed in past updates:**

1. **Snowy Grouper**
2. **Golden Tilefish**
3. **Vermilion Snapper**
4. **Black Sea Bass**
5. **Greater Amberjack**
6. **Dolphin**
7. **Red Porgy**

➤ **Seven new species added in latest request:**

8. **Gag Grouper**
9. **King Mackerel**
10. **Spanish Mackerel**
11. **Wahoo**
12. **Mutton Snapper**
13. **Yellowtail Snapper**
14. **Red Snapper**

Recreational Fishery Landings Update:

- **MRFSS Charterboat Estimates:**
 - **New charterboat method estimates used for this data request.**
 - **For East Florida, the For-Hire survey or new cbt method was implemented in 2003. Prior to that the traditional or old cbt method numbers were used.**
 - **For the rest of the South Atlantic states, the For-Hire survey or new cbt method was implemented in 2005, wave 2. Prior to that the traditional or old cbt method numbers were recalibrated using calibration factors from Sminkey (prior to and including 2004).**
 - **For the mid and North Atlantic states, the traditional or old cbt method estimates were used. There are currently no calibration factors available for this region.**

- **SEDAR 16 and DW-15 Estimated conversion factors for calibrating MRFSS charterboat landings and effort estimates from the Southeastern U.S. (NC to FL-east coast) in 1981-2003.**

Recreational Fishery Landings Update:

➤ **Weight Estimates:**

- **Weight estimates shown are from the original surveys.**
- **In MRFSS there are instances where there is an estimate of catch in numbers but not weight due to missing weight information.**
- **In rarely caught species such as snowy grouper and tilefish, this could lead to weight estimates that are biased towards the low end (see below).**

➤ **Percent of Catch with Missing Weights:**

- **For the last several years, wahoo weight estimates were shown to be 2– 6% low.**
- **Red Porgy in 2000 and Gag Grouper in 1998 also show some high percents indicating bias towards low weight estimates.**
- **Snowy Grouper and Tilefish were deselected from final table due to high percent of catch with missing weights. The weight estimates for these species is not supported by SEFSC.**

Recreational Landings of Snowy Grouper from North Carolina through Florida (pounds)

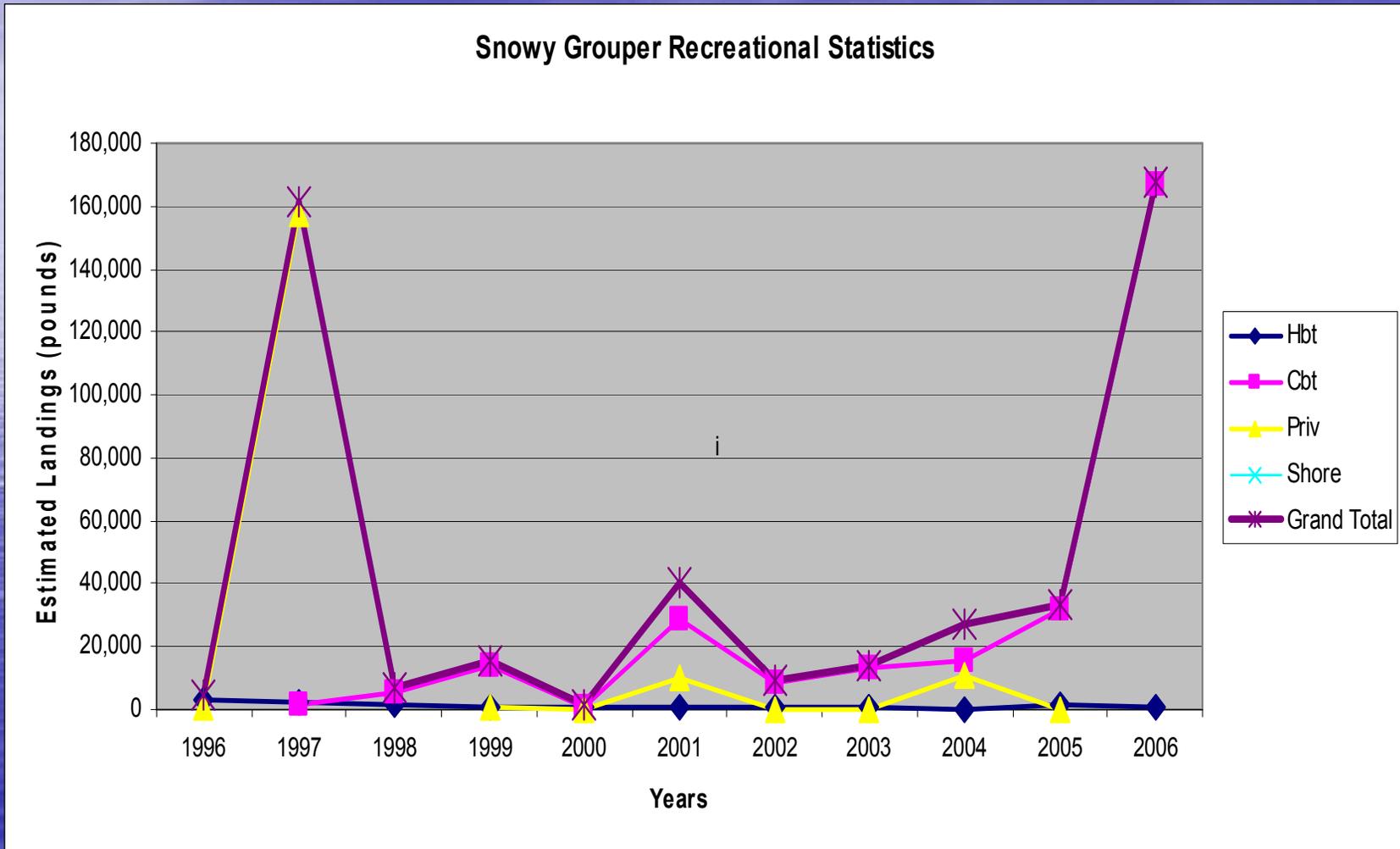
(Headboat Landings Exclude Florida Keys)

YEAR	HEADBOAT	CHARTERBOAT	PRIVATE BOAT	Commercial QUOTA	Recreational QUOTA	GRAND TOTAL
1996	3,422		1,005	344,508	None	4,427
1997	2,201	1,470	157,748	344,508	None	161,419
1998	1,275	5,814		344,508	None	7,089
1999	515	14,307	672	344,508	None	15,494
2000	513	964	0	344,508	None	1,477
2001	922	28,971	10,277	344,508	None	40,170
2002	535	8,511	0	344,508	None	9,046
2003	467	13,416	0	344,508	None	13,883
2004	325	15,670	10,857	344,508	None	26,851
2005	1,412	31,657	0	344,508	None	33,069
2006	641	166,901		151,000	None	167,542

2007 118,000 lbs gutted weight commercial quota

2008 84,000 lbs gutted weight commercial quota

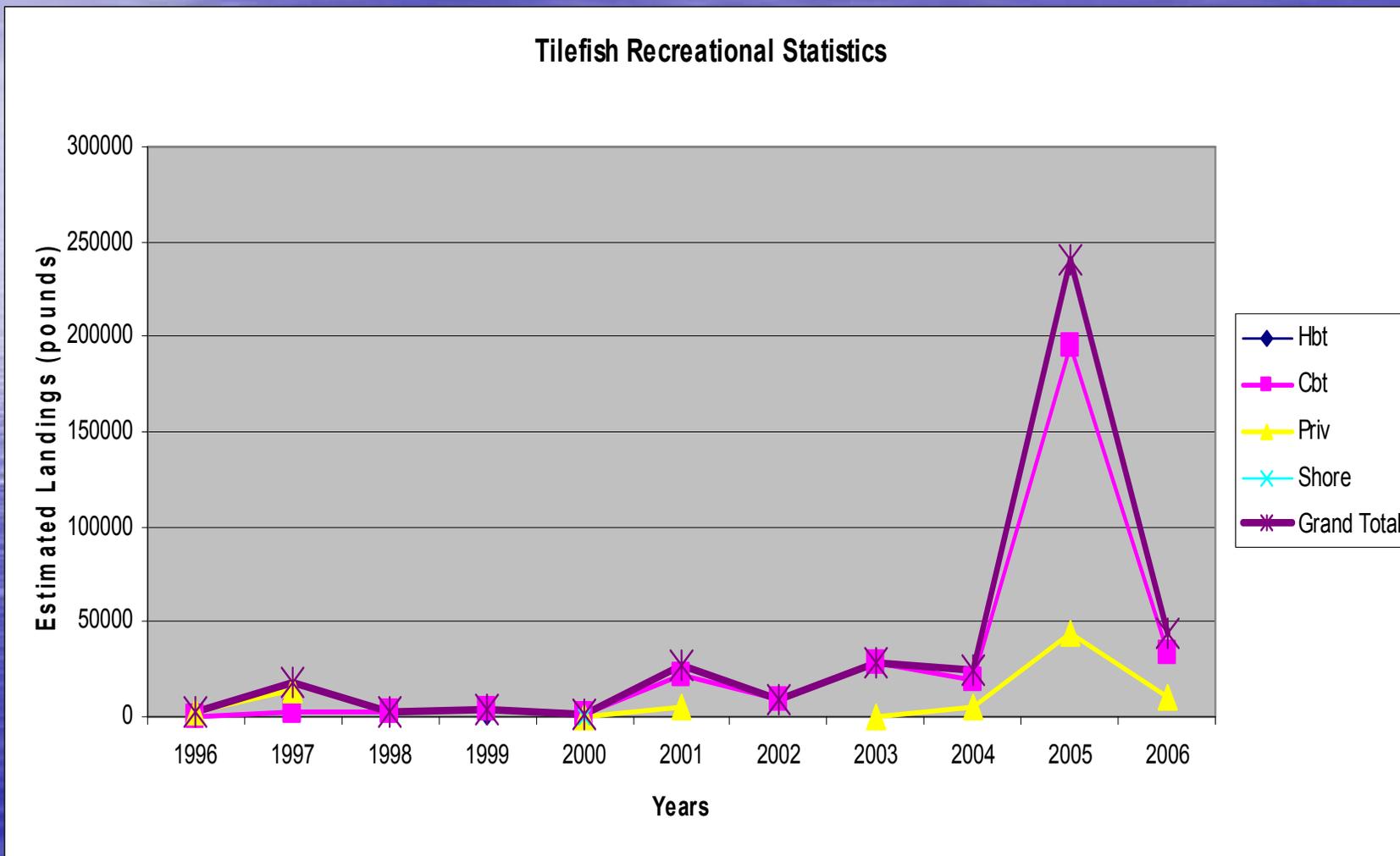
Snowy Grouper Recreational Statistics:



Recreational Landings of Tilefish from North Carolina through Florida (pounds) (Headboat Landings Exclude Florida Keys)

YEAR	HEADBOAT	CHARTERBOAT	PRIVATE BOAT	Commercial QUOTA	Recreational QOTA	GRAND TOTAL
1996		0	3,065	1,001,663	None	3,065
1997	968	1,976	14,726	1,001,663	None	17,670
1998		2,255		1,001,663	None	2,255
1999	3	4,409		1,001,663	None	4,413
2000		1,803	0	1,001,663	None	1,803
2001		21,529	5,271	1,001,663	None	26,800
2002		9,246		1,001,663	None	9,246
2003		28,029	0	1,001,663	None	28,029
2004		19,464	5,544	1,001,663	None	25,008
2005		195,807	44,433	1,001,663	None	240,240
2006		33,908	10,152	295,000	None	44,061

Tilefish Recreational Statistics:



Recreational Fishery Landings Update:

➤ **Two species dropped from list:**

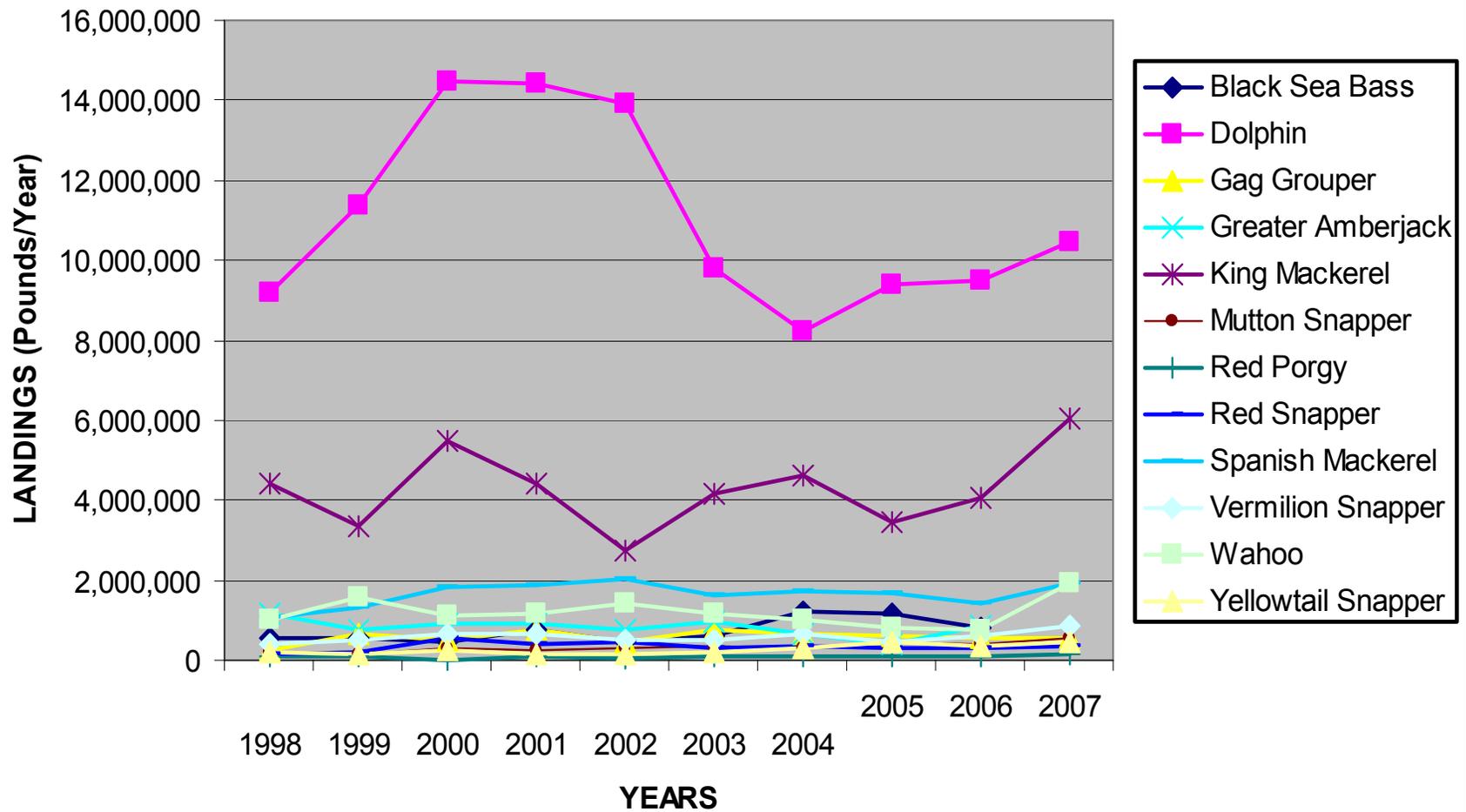
1. **Snowy Grouper**
2. **Golden Tilefish**

➤ **List of Species included in the list:**

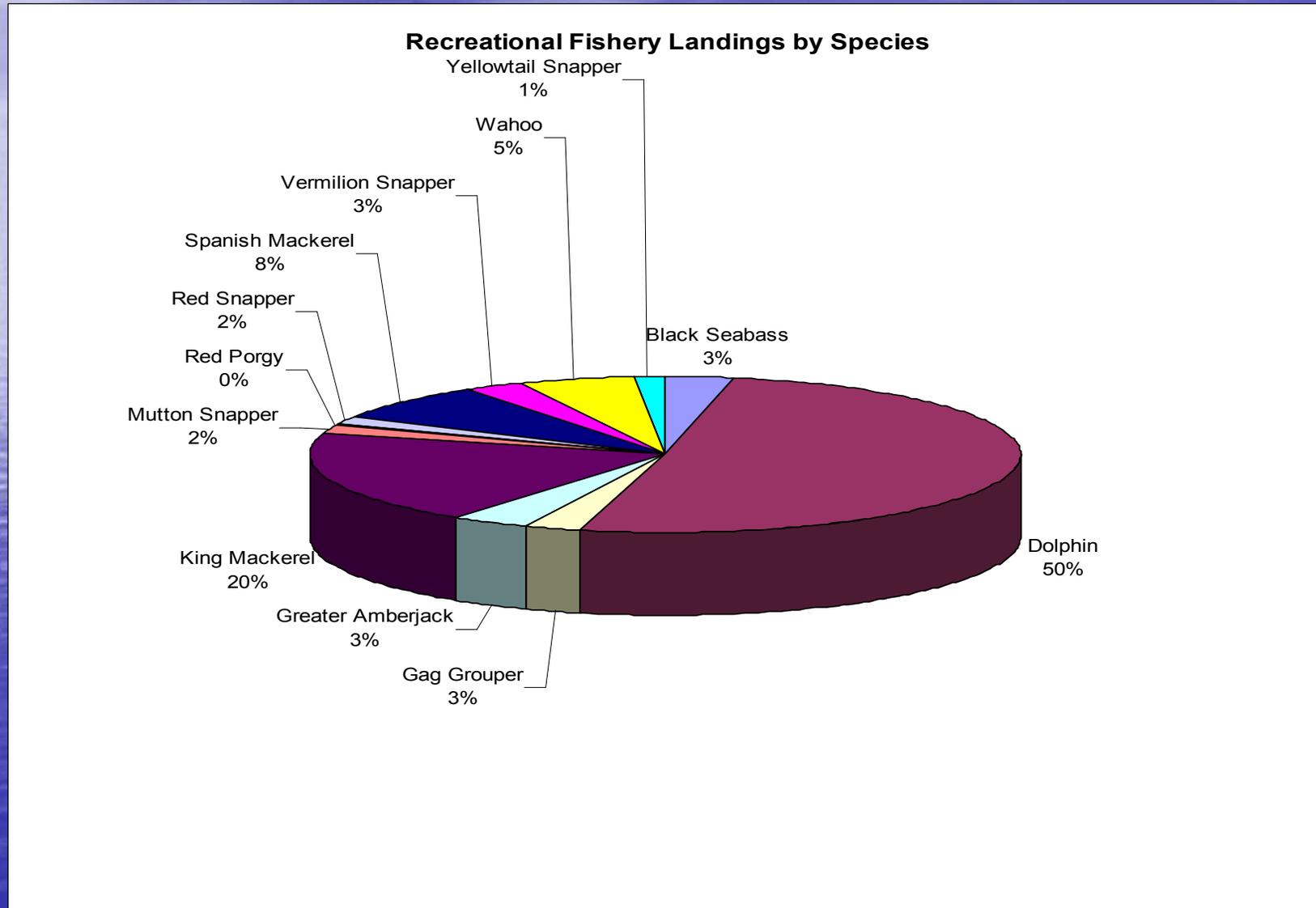
1. **Vermilion Snapper**
2. **Black Sea Bass**
3. **Greater Amberjack**
4. **Dolphin**
5. **Red Porgy**
6. **Gag Grouper**
7. **King Mackerel**
8. **Spanish Mackerel**
9. **Wahoo**
10. **Mutton Snapper**
11. **Yellowtail Snapper**
12. **Red Snapper**

South Atlantic Recreational Fishery Landings by Species (pounds)

TOTAL SOUTH ATLANTIC RECREATIONAL FISHERY LANDINGS X SPECIES



South Atlantic Recreational Fishery Landings Contribution by Species, 1998-2007 (lb)



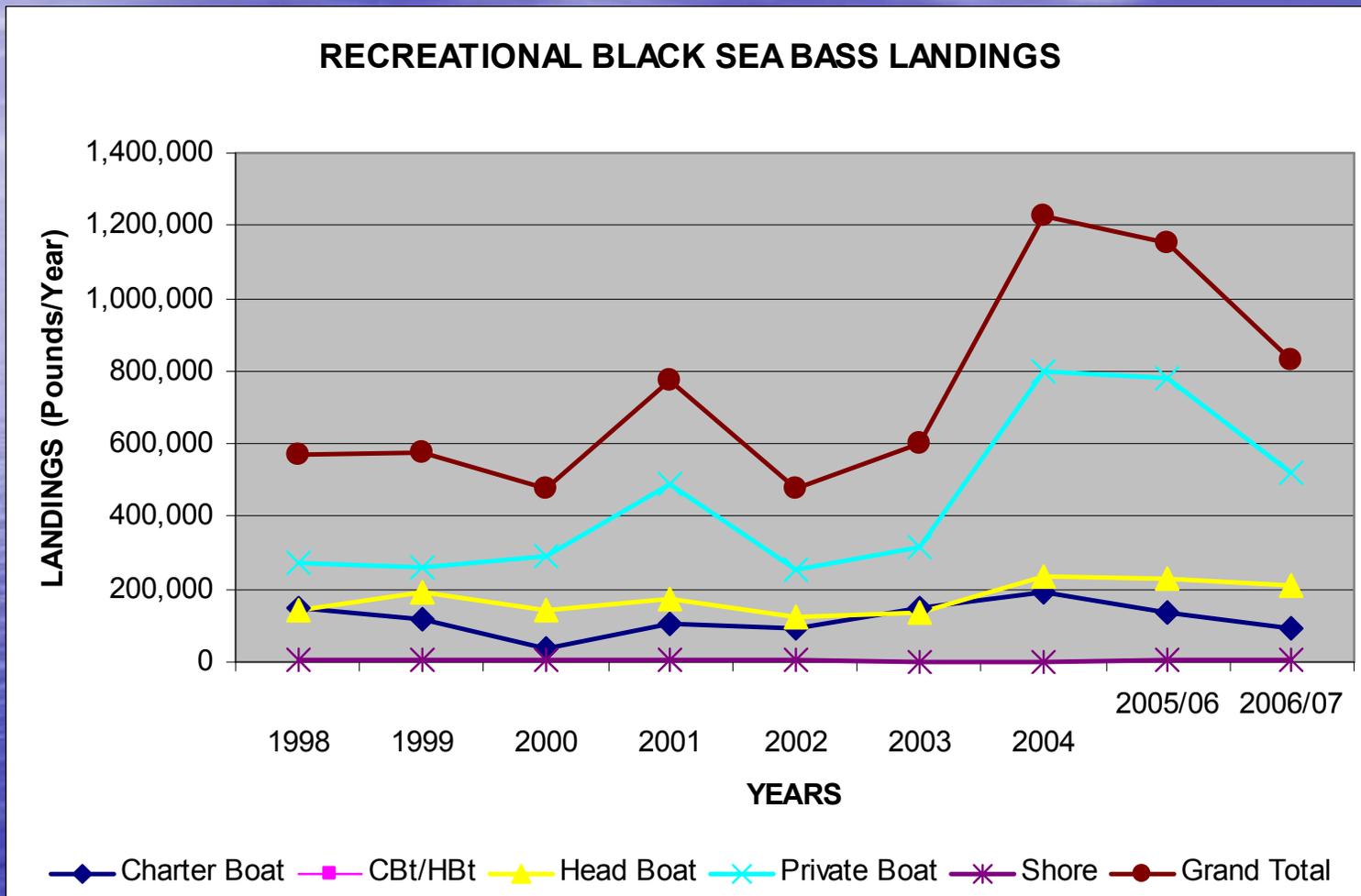
South Atlantic Recreational Fishery Landings by Species (pounds)

YEAR	Black Sea Bass	Dolphin	Gag Grouper	Greater Amberjack	King Mackerel	Mutton Snapper
1998	569,328	9,189,695	270,945	1,180,883	4,405,934	205,116
1999	575,530	11,363,710	663,912	765,477	3,358,997	146,527
2000	475,974	14,480,440	487,550	905,846	5,473,655	301,745
2001	772,276	14,420,214	760,372	909,075	4,404,439	262,203
2002	477,727	13,925,801	435,683	752,739	2,761,075	329,771
2003	603,195	9,786,766	769,583	976,920	4,165,962	337,483
2004	1,227,823	8,215,735	661,697	677,509	4,639,332	312,873
2005	1,150,446	9,411,630	597,972	415,741	3,440,278	441,281
2006	828,863	9,496,656	536,168	859,125	4,056,537	416,768
2007		10,451,099	580,745		6,035,722	572,621

South Atlantic Recreational Fishery Landings by Species (pounds)

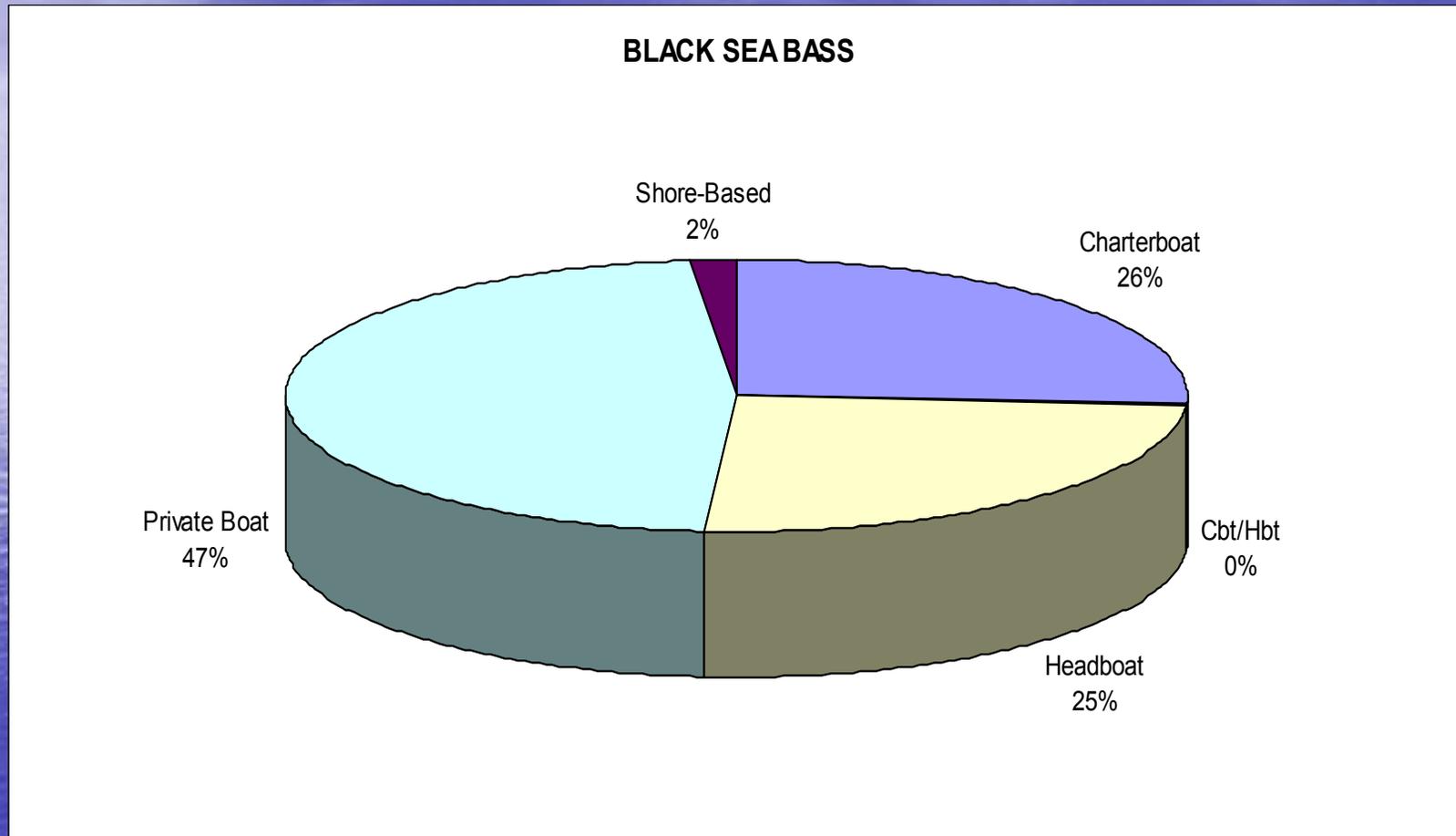
YEAR	Red Porgy	Red Snapper	Spanish Mackerel	Vermilion Snapper	Wahoo	Yellowtail Snapper
1998	85,057	168,404	1,070,938	412,159	1,010,831	225,769
1999	112,869	216,408	1,302,249	486,867	1,563,893	161,864
2000	20,937	533,904	1,848,286	679,330	1,128,106	257,232
2001	77,676	411,203	1,877,575	666,647	1,160,247	174,909
2002	75,091	453,695	2,035,740	516,426	1,405,601	165,026
2003	83,671	329,555	1,601,731	525,461	1,192,261	187,955
2004	121,539	378,793	1,750,770	672,239	1,026,534	327,533
2005	79,198	314,953	1,681,915	457,998	815,844	456,060
2006	96,913	280,797	1,404,959	616,273	753,750	373,364
2007	175,512	338,361	1,912,261	843,775	1,924,345	454,269

Black Sea Bass Recreational Statistics:



- June 1, 2006 – May 31, 2007 * Commercial 477,000 lbs gutted weight ** Recreational 633,000 lbs gutted weight
- June 1, 2007 – May 31, 2007 * Commercial 423,000 lbs gutted weight ** Recreational 560,000 lbs gutted weight
- June 1, 2008 – May 31, 2009 * Commercial 409,000 lbs gutted weight ** Recreational 409,000 lbs gutted weight

Black Sea Bass Recreational Statistics:

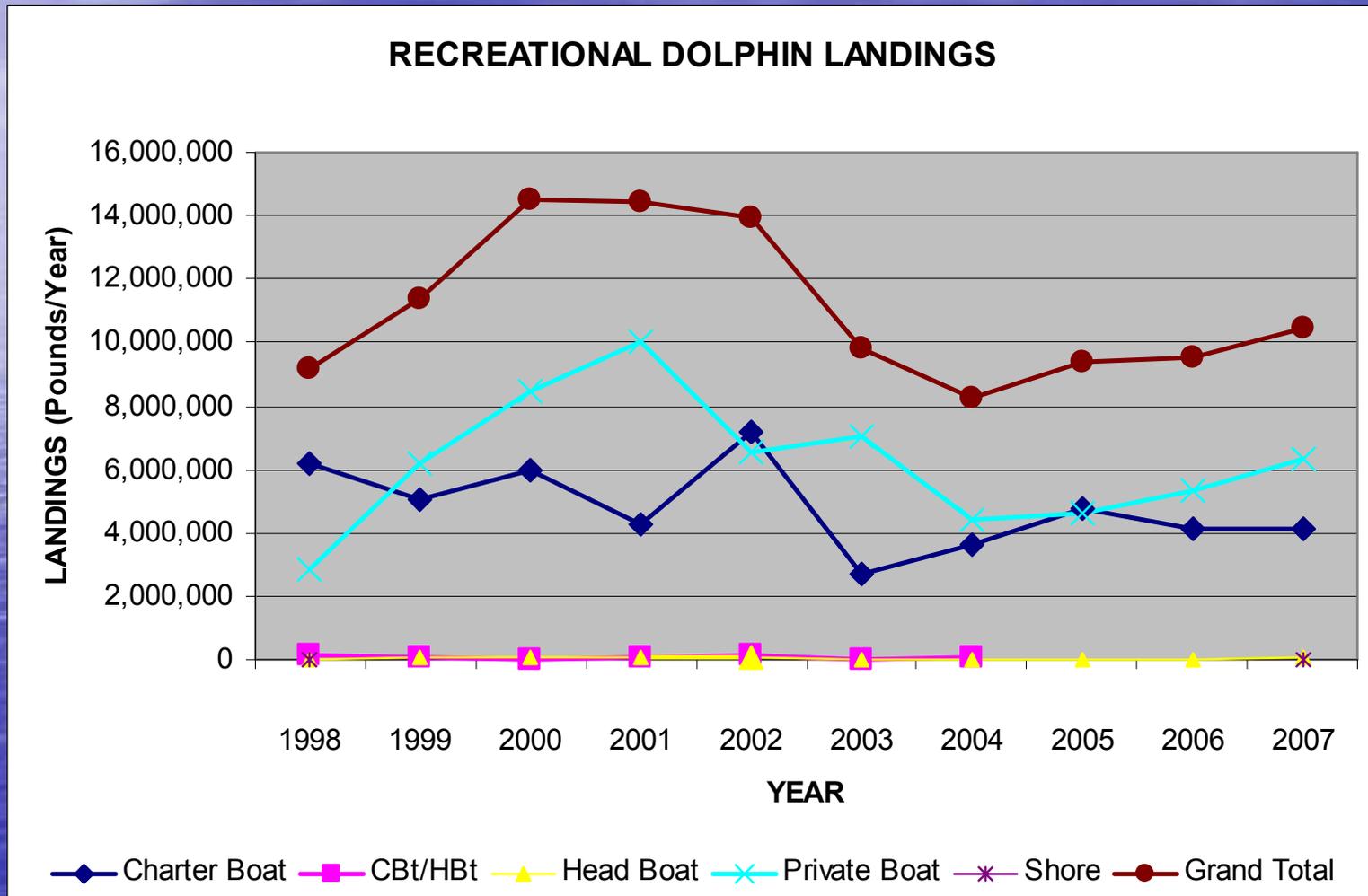


Recreational Landings of Black Sea Bass

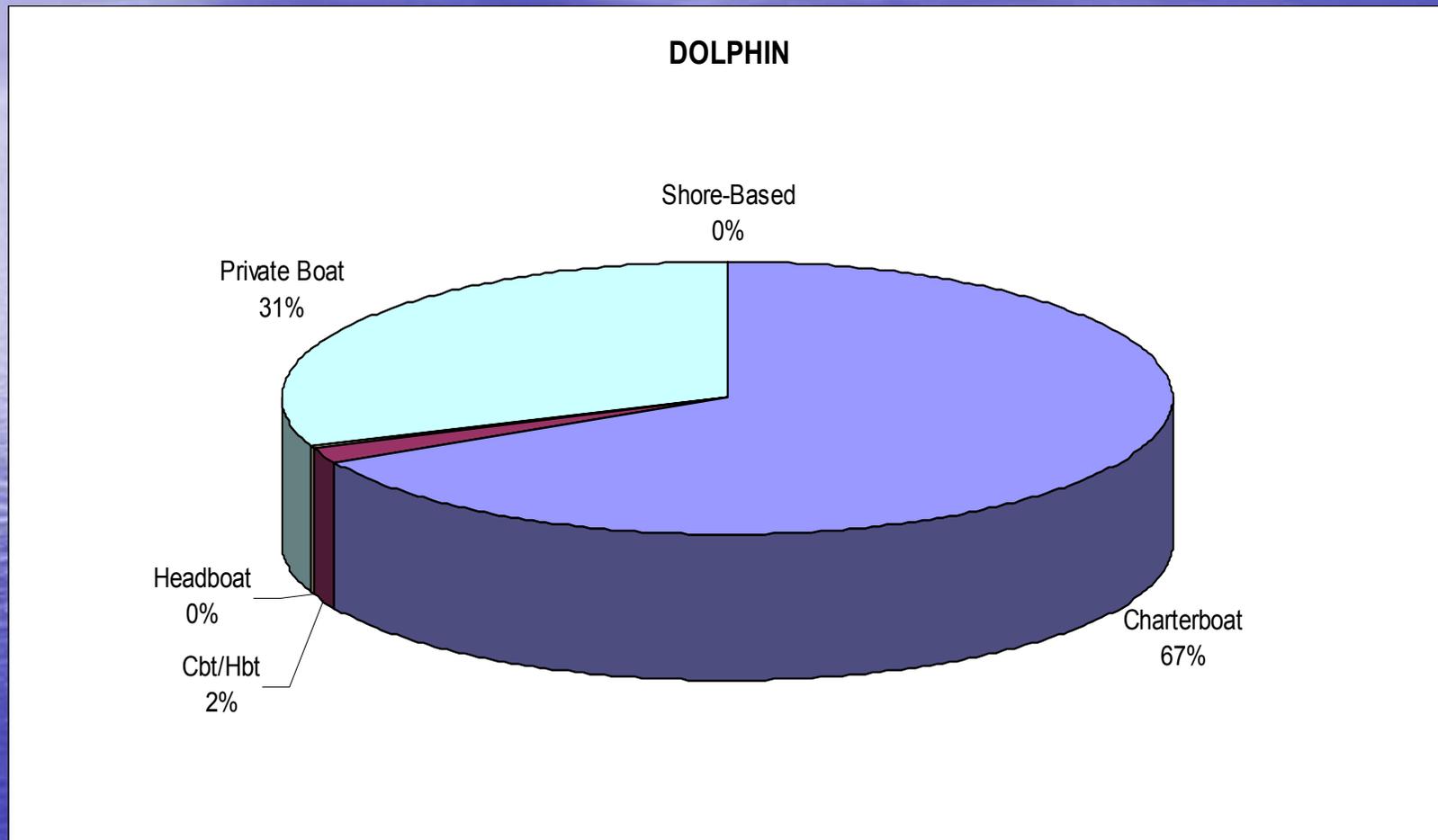
YEAR	Charteboat	Headboat	Private	Shore-Based	Grand Total
1998	148,276	142,503	269,518	9,031	569,328
1999	120,503	192,567	258,840	3,621	575,530
2000	35,748	144,588	289,645	5,993	475,974
2001	102,647	172,023	488,411	9,194	772,276
2002	94,993	123,274	254,771	4,689	477,727
2003	148,771	134,110	317,429	2,886	603,195
2004	189,118	237,584	798,302	2,819	1,227,823
2005/06	136,468	229,898	780,853	3,228	1,150,446
2006/07	94,283	208,303	522,667	3,610	828,863

- June 1, 2006 – May 31, 2007 * Commercial 477,000 lbs gutted weight ** Recreational 633,000 lbs gutted weight
- June 1, 2007 – May 31, 2007 * Commercial 423,000 lbs gutted weight ** Recreational 560,000 lbs gutted weight
- June 1, 2008 – May 31, 2009 * Commercial 409,000 lbs gutted weight ** Recreational 409,000 lbs gutted weight

Dolphin Recreational Statistics:



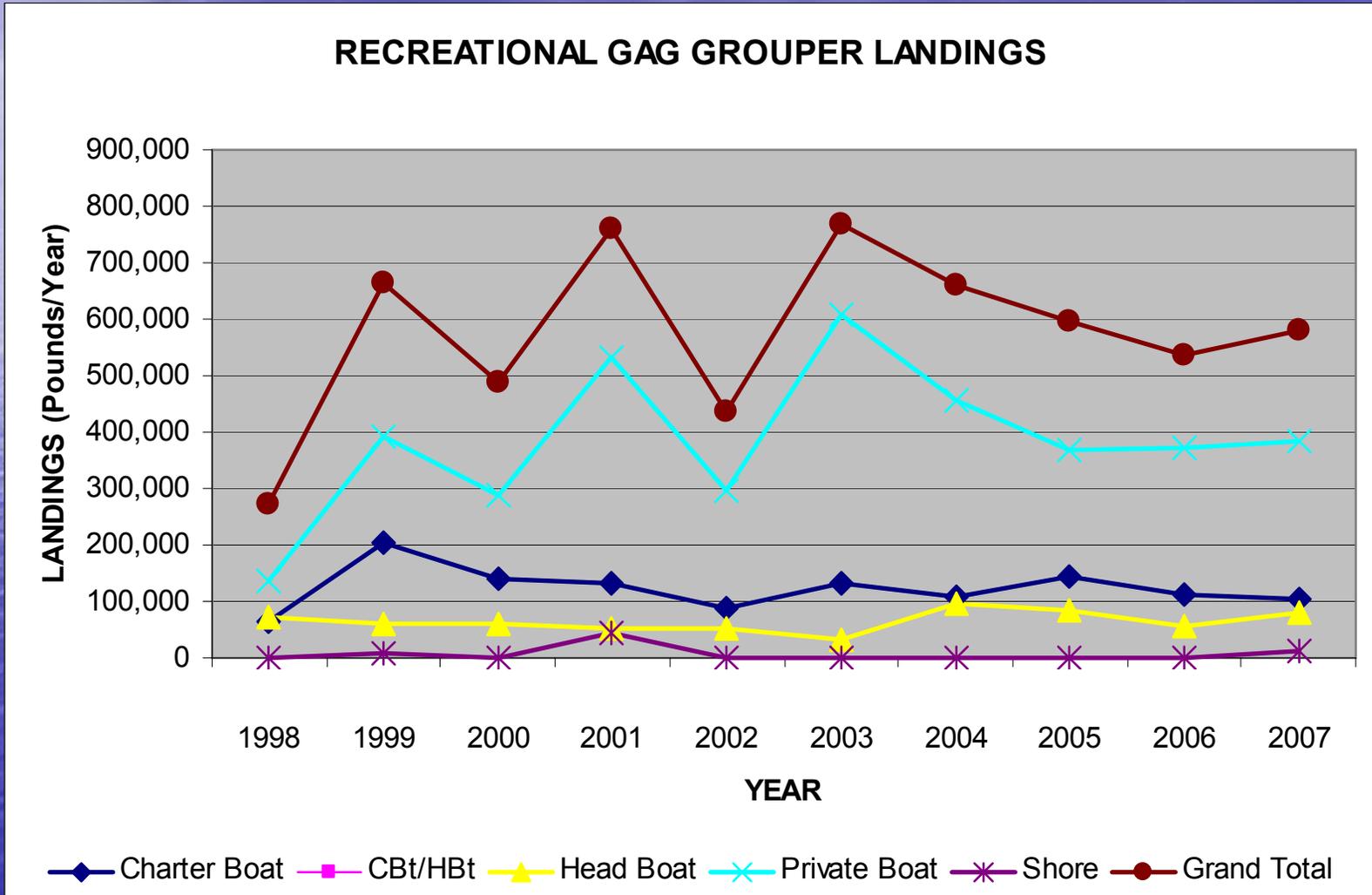
Dolphin Recreational Statistics:



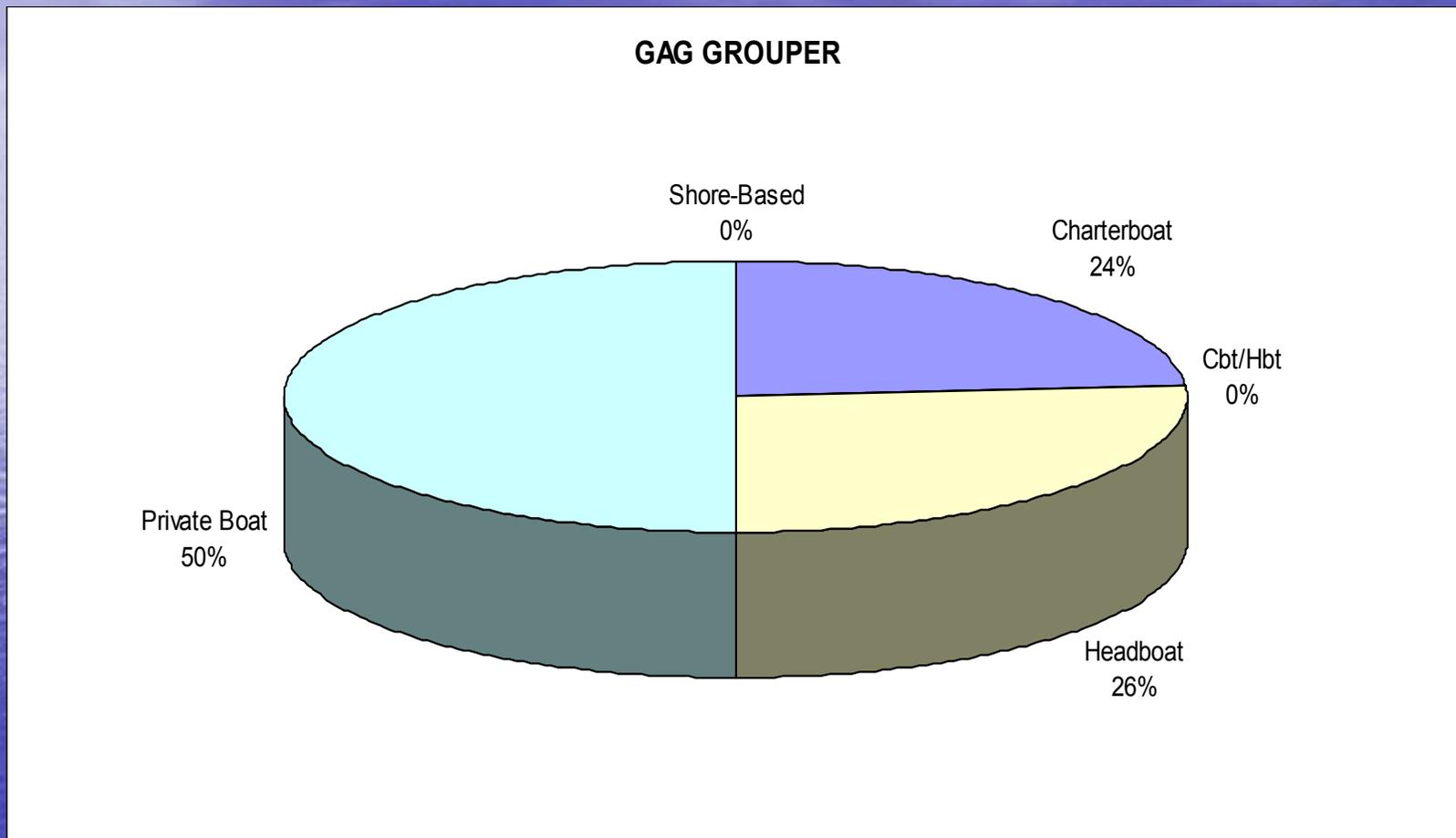
Recreational Landings of Dolphin

YEAR	Charterboat	CBt/HBt	Headboat	Private Boat	Grand Total
1998	6,172,090	151,144	21,315	2,845,147	9,189,695
1999	5,077,849	78,632	49,796	6,157,434	11,363,710
2000	5,947,388	413	69,888	8,462,750	14,480,440
2001	4,292,495	51,054	72,524	10,004,140	14,420,214
2002	7,174,881	144,161	39,236	6,567,523	13,925,801
2003	2,706,630	13,615	16,546	7,049,974	9,786,766
2004	3,661,684	84,517	26,966	4,442,568	8,215,735
2005	4,774,368		23,661	4,613,602	9,411,630
2006	4,137,505		25,903	5,333,248	9,496,656
2007	4,089,276		47,122	6,314,701	10,451,099

Gag Grouper Recreational Statistics:



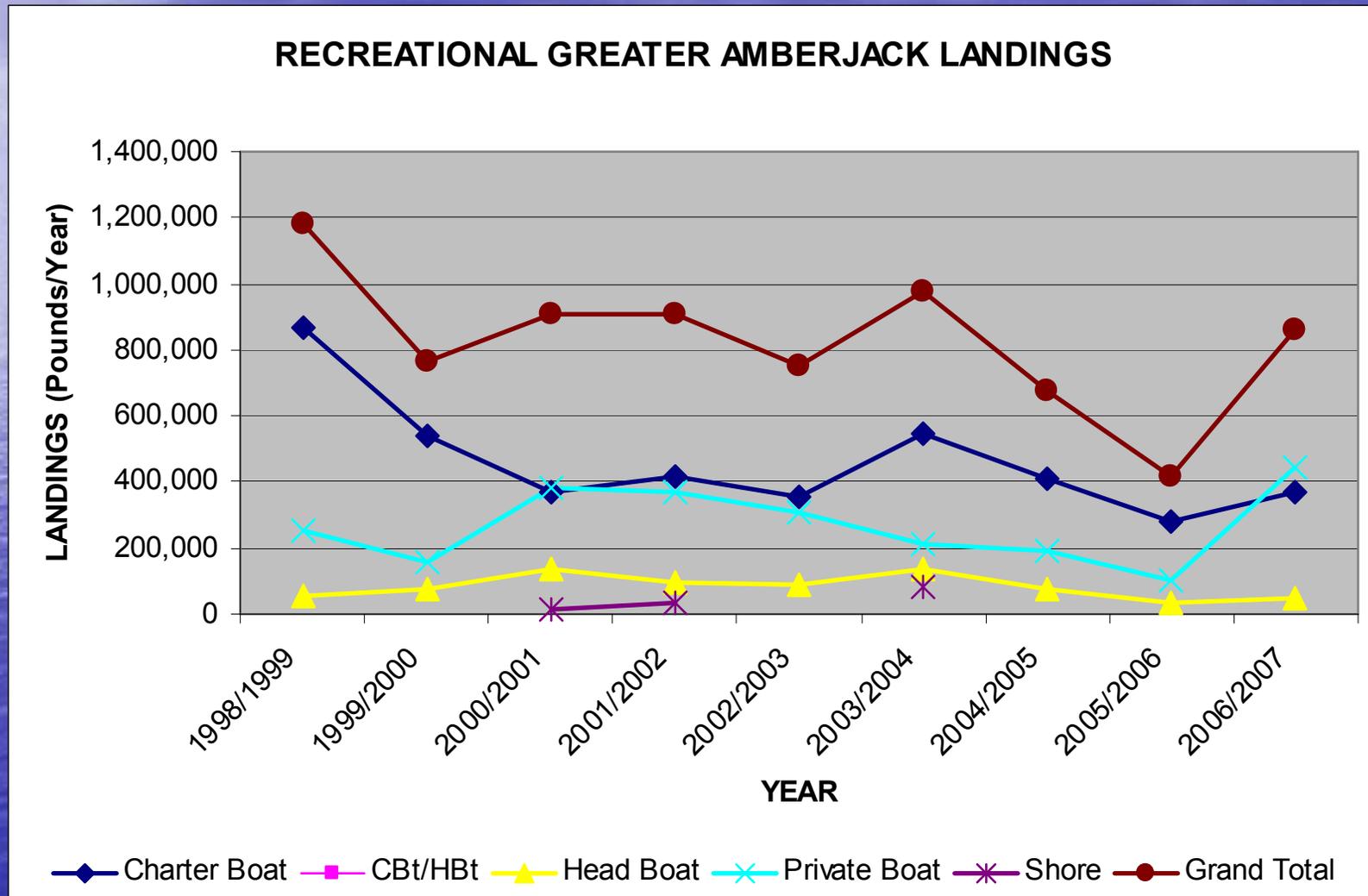
Gag Grouper Recreational Statistics:



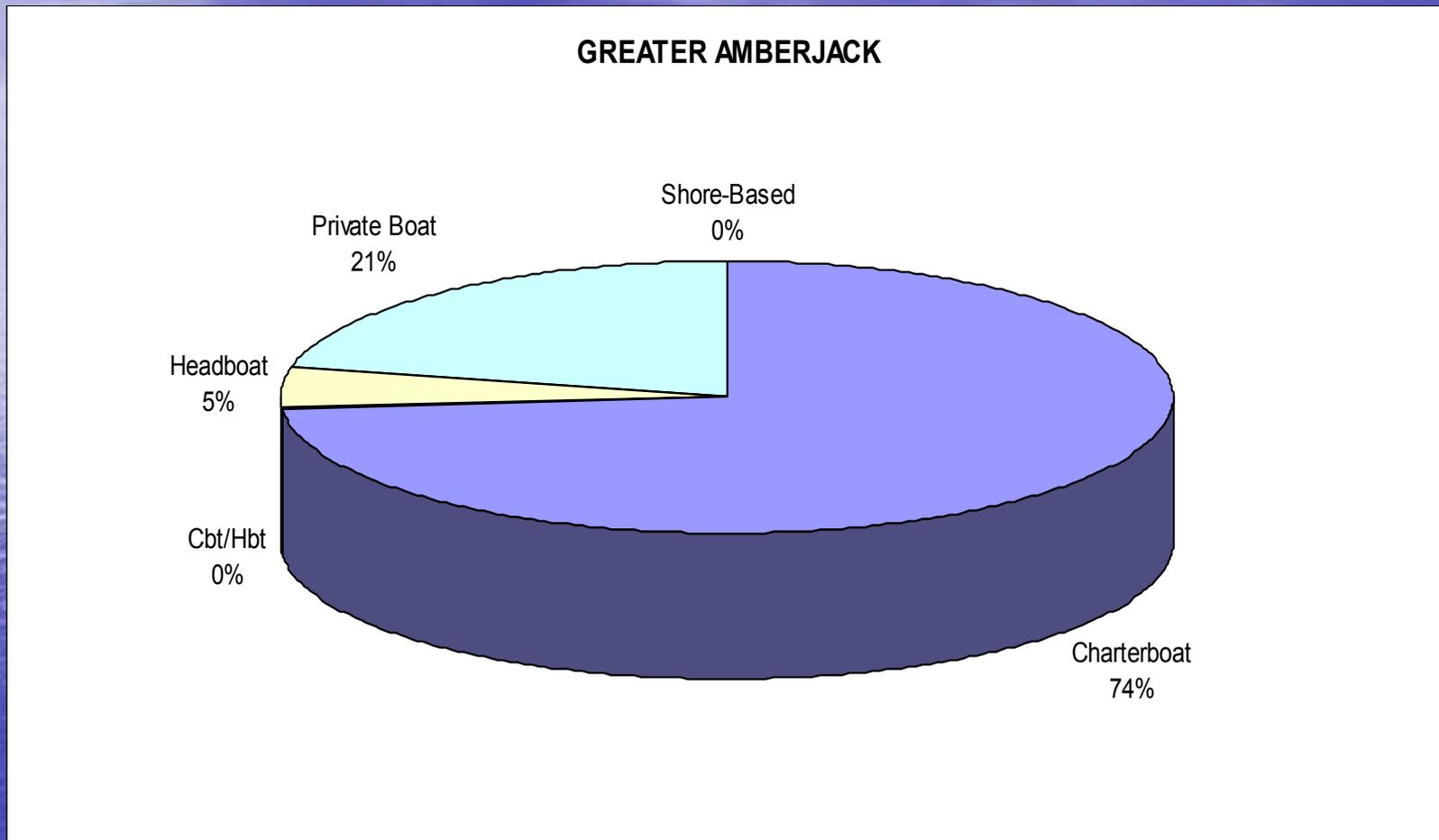
Recreational Landings of Gag Grouper

YEAR	Charterboat	Headboat	Private Boat	Shore-Based	Grand Total
1998	64,323	70,876	135,746	0	270,945
1999	205,739	58,345	390,745	9,083	663,912
2000	138,624	60,908	288,017	0	487,550
2001	133,586	52,772	530,536	43,479	760,372
2002	87,142	50,558	297,984	0	435,683
2003	130,349	32,492	606,743	0	769,583
2004	109,850	97,323	454,524	0	661,697
2005	143,448	84,650	369,874	0	597,972
2006	110,863	54,914	370,391	0	536,168
2007	105,946	78,803	382,148	13,848	580,745

Greater Amberjack Recreational Statistics:



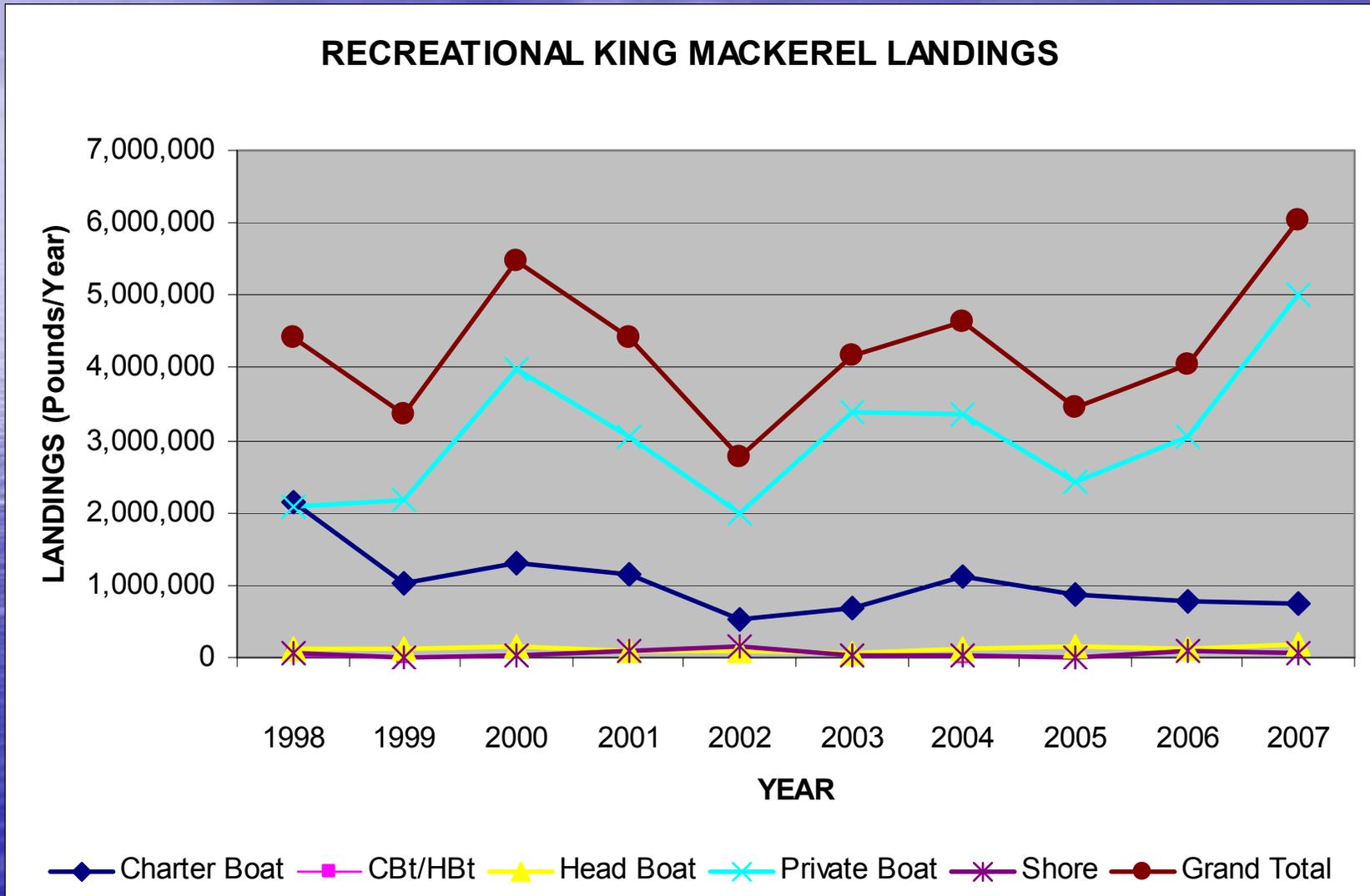
Greater Amberjack Recreational Statistics:



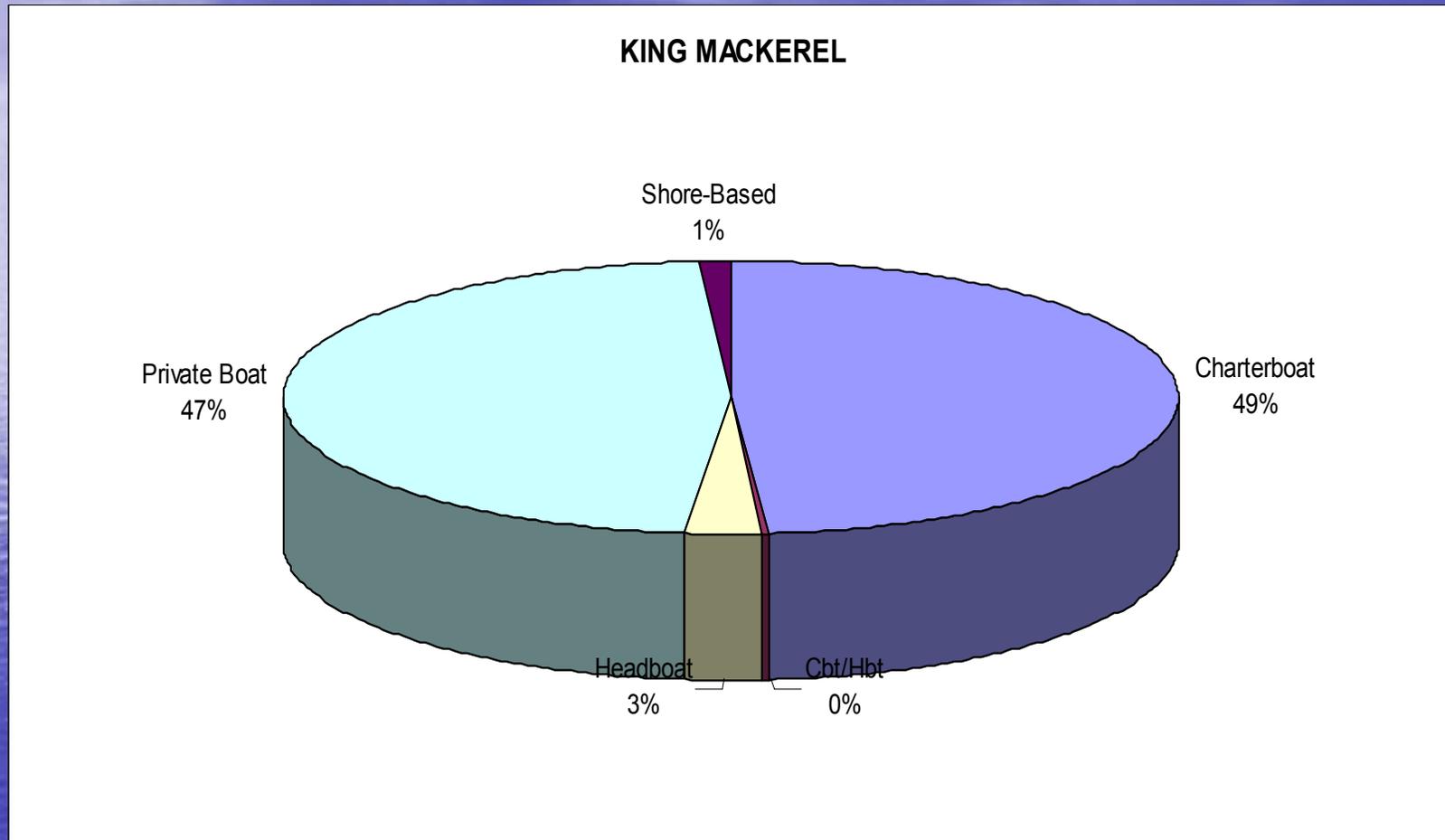
Recreational Landings of Greater Amberjack

YEAR	Charterboat	Headboat	Private Boat	Shore-Based	Grand Total
1998/1999	870,483	56,527	253,873		1,180,883
1999/2000	538,386	72,172	154,919		765,477
2000/2001	371,094	134,104	385,262	15,387	905,846
2001/2002	413,673	92,629	366,847	35,927	909,075
2002/2003	356,023	86,612	310,104		752,739
2003/2004	549,524	135,563	209,160	82,672	976,920
2004/2005	407,868	76,091	193,550		677,509
2005/2006	281,615	33,739	100,387		415,741
2006/2007	367,929	48,404	442,792		859,125

King Mackerel Recreational Statistics:



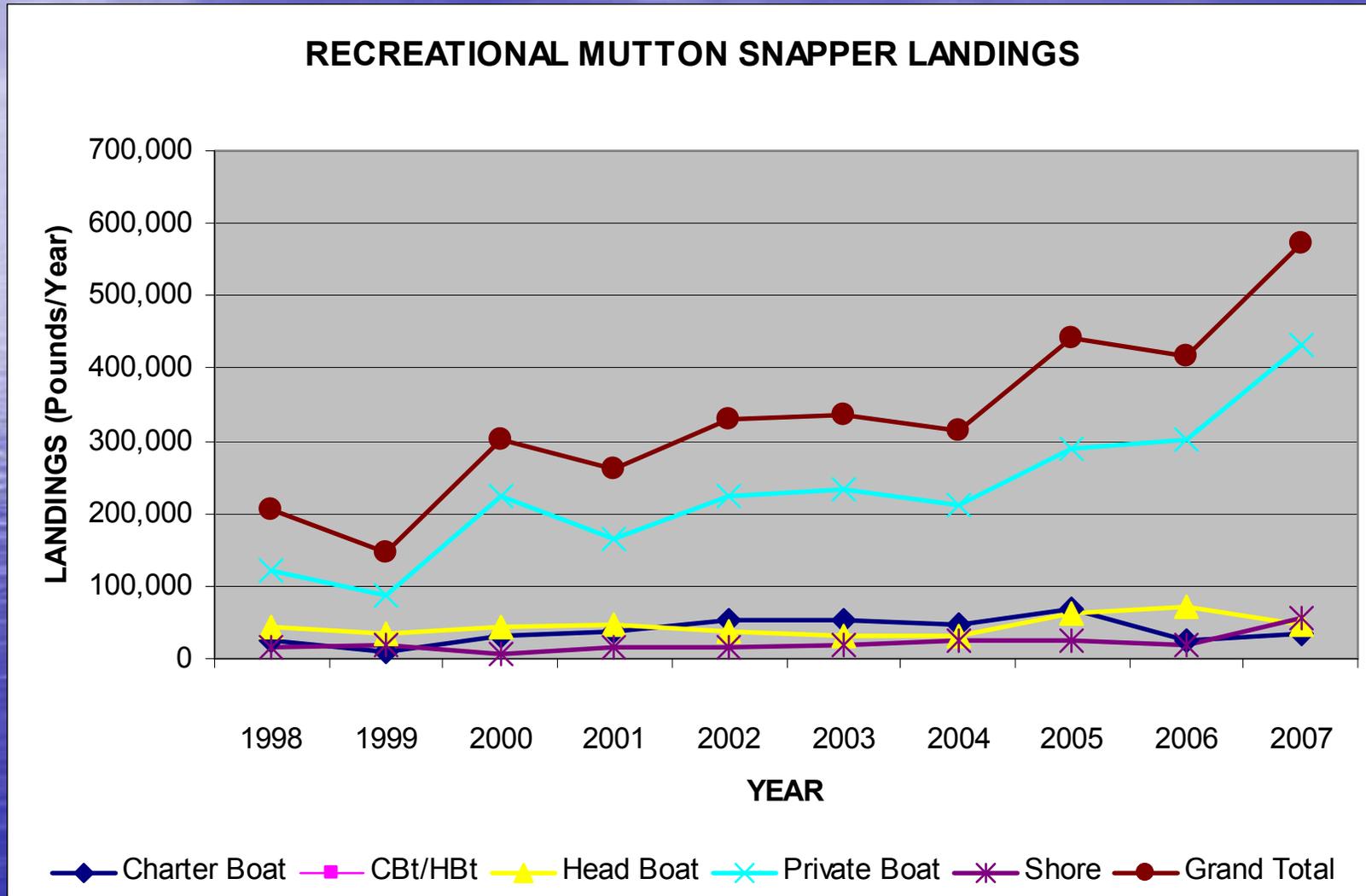
King Mackerel Recreational Statistics:



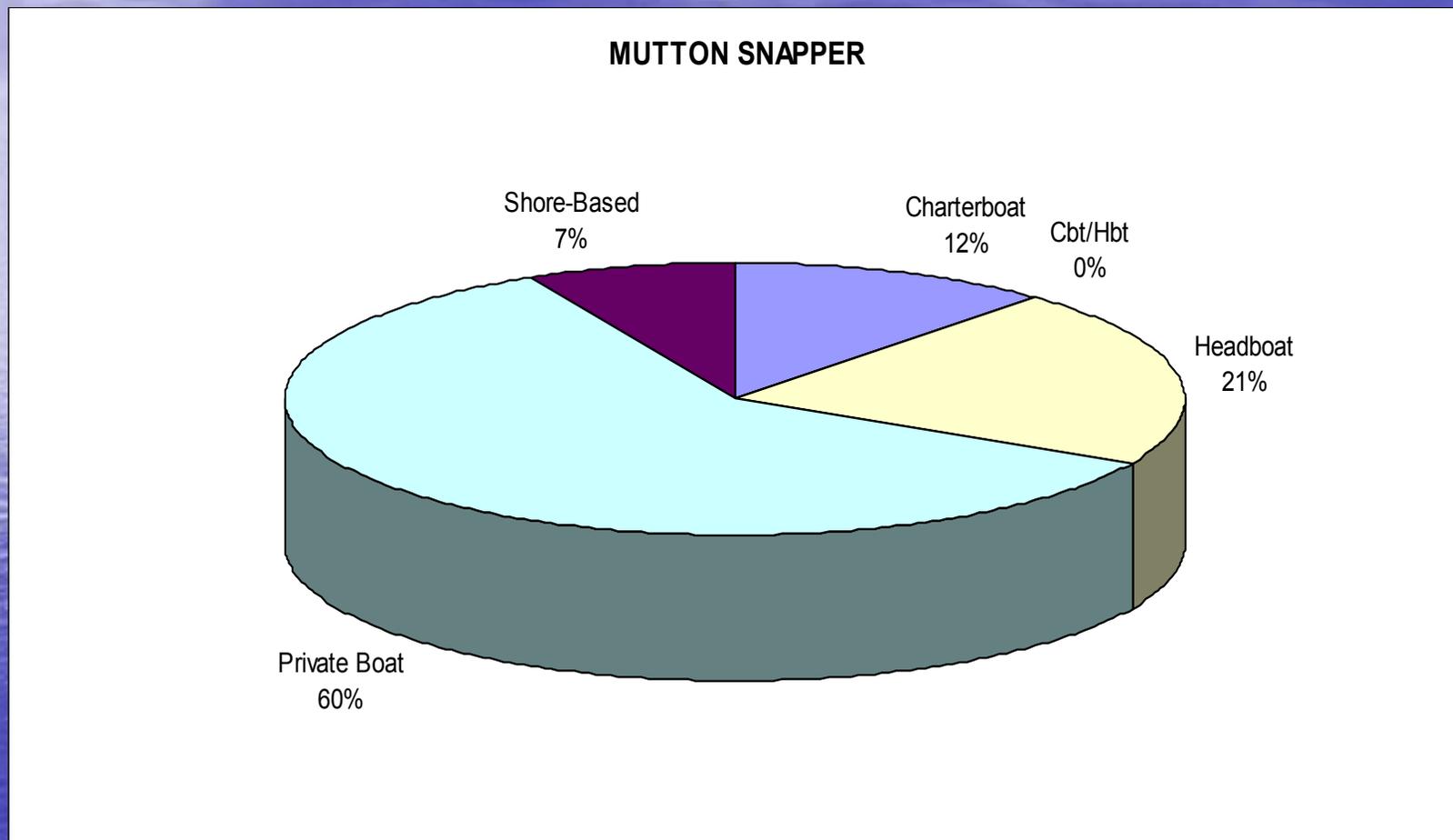
Recreational Landings of King Mackerel

YEAR	Charterboat	Cbt/Hbt	Headboat	Private Boat	Shore-Based	Grand Total
1998	2,142,363	16,054	121,795	2,073,287	52,435	4,405,934
1999	1,027,299	3,751	133,771	2,180,119	14,057	3,358,997
2000	1,321,630		149,796	3,984,041	18,187	5,473,655
2001	1,149,348		103,118	3,062,376	89,598	4,404,439
2002	518,957		93,290	2,000,759	148,070	2,761,075
2003	696,146		65,199	3,388,192	16,426	4,165,962
2004	1,128,628	217	120,200	3,363,879	26,409	4,639,332
2005	869,573		148,768	2,414,154	7,783	3,440,278
2006	773,958		132,494	3,056,802	93,282	4,056,537
2007	759,898		201,668	5,020,938	53,217	6,035,722

Mutton Snapper Recreational Statistics:



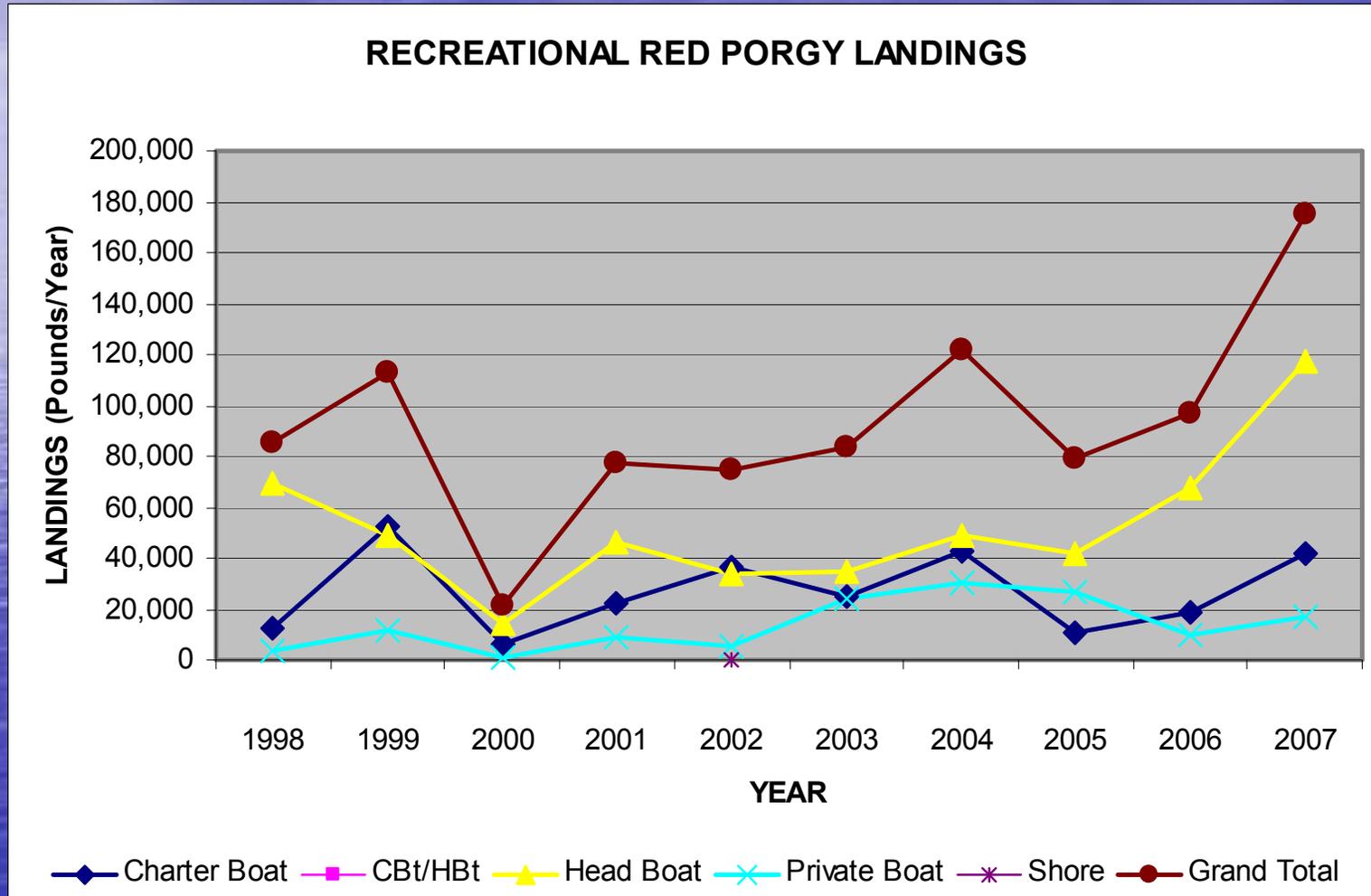
Mutton Snapper Recreational Statistics:



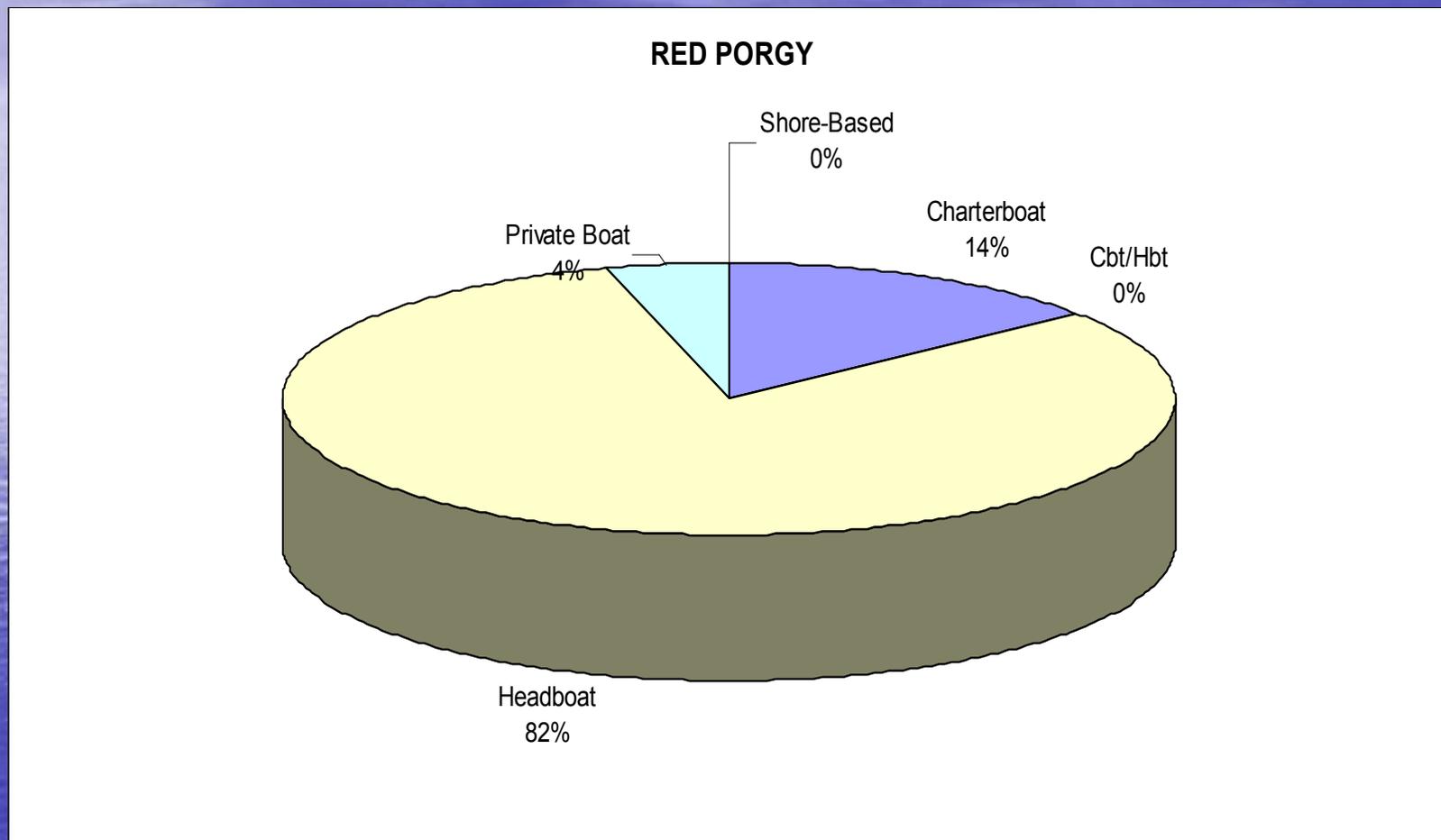
Recreational Landings of Mutton Snapper

YEAR	Charterboat	Headboat	Private Boat	Shore-Based	Grand Total
1998	24,040	43,360	122,606	15,110	205,116
1999	7,842	33,376	87,774	17,536	146,527
2000	31,209	42,861	222,704	4,972	301,745
2001	36,123	46,284	164,652	15,144	262,203
2002	52,503	35,783	224,932	16,552	329,771
2003	52,590	32,489	232,668	19,737	337,483
2004	46,241	32,304	210,608	23,720	312,873
2005	68,249	61,506	288,069	23,457	441,281
2006	24,914	70,026	302,491	19,337	416,768
2007	35,435	46,974	433,563	56,649	572,621

Red Porgy Recreational Statistics:



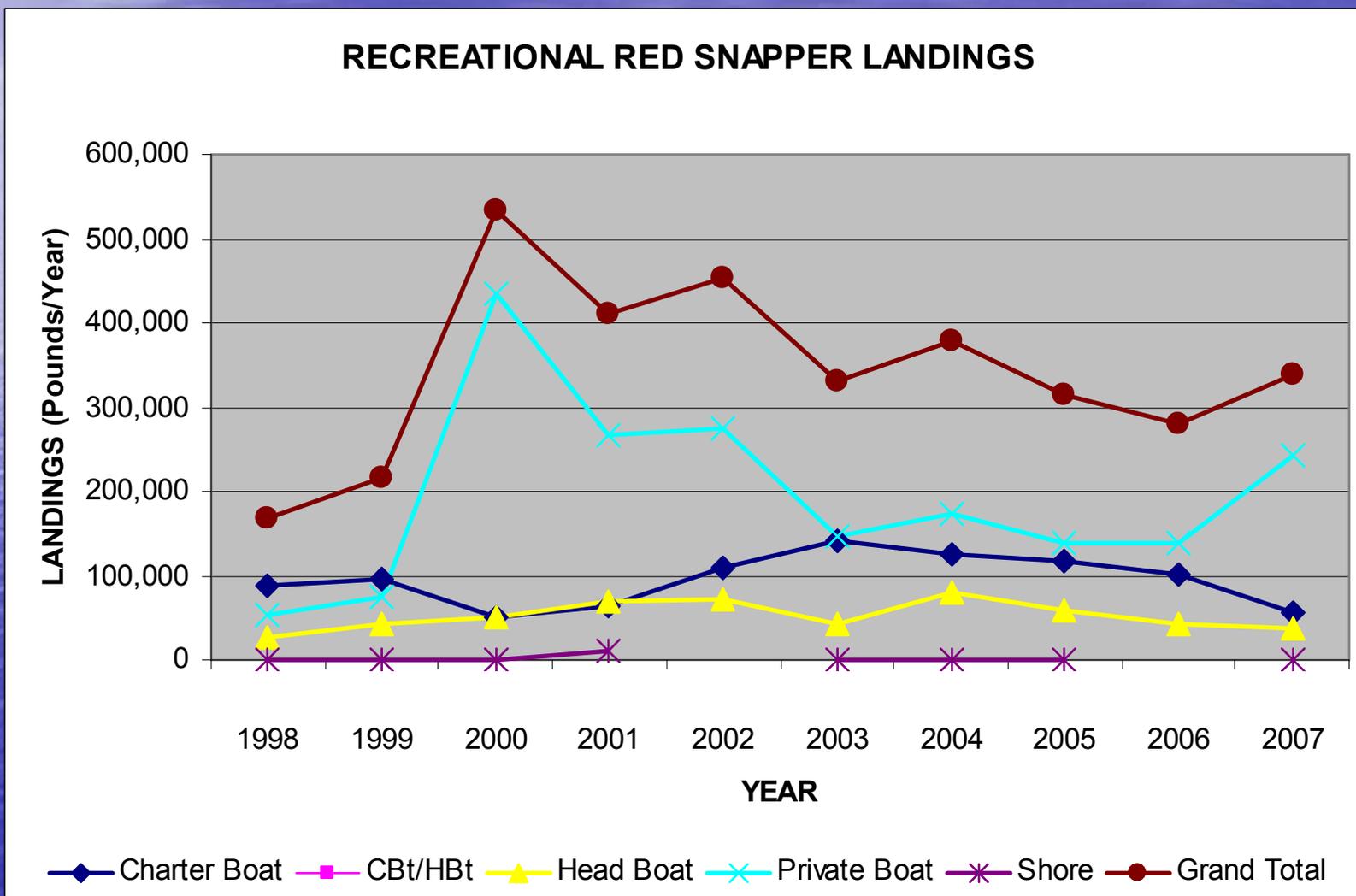
Red Porgy Recreational Statistics:



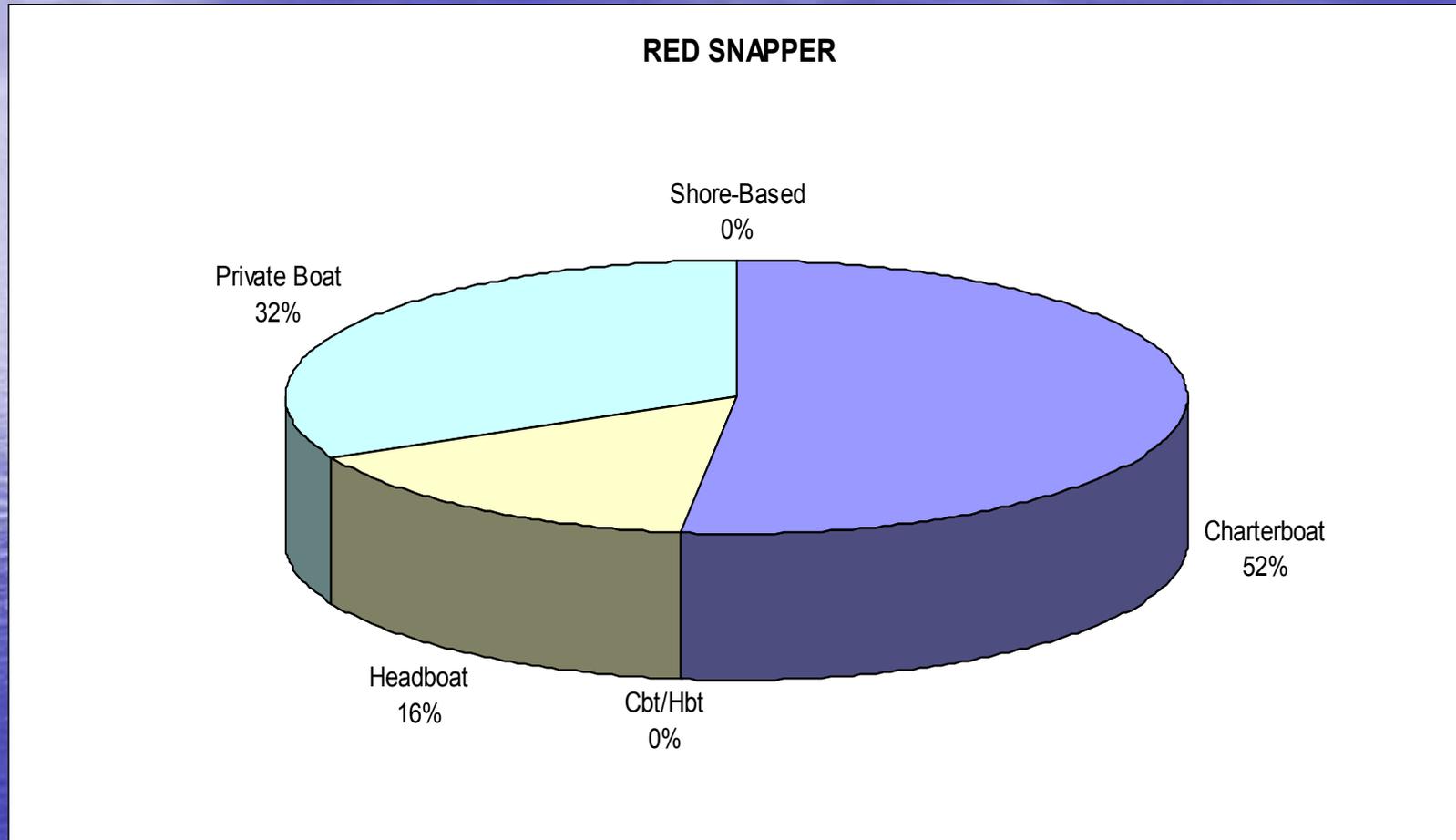
Recreational Landings of Red Porgy

YEAR	Charterboat	Headboat	Private Boat	Grand Total
1998	12,072	69,262	3,723	85,057
1999	52,513	48,656	11,700	112,869
2000	6,452	13,906	579	20,937
2001	22,340	46,308	9,028	77,676
2002	36,159	33,341	5,591	75,091
2003	25,081	34,742	23,848	83,671
2004	42,299	49,308	29,931	121,539
2005	10,387	42,143	26,668	79,198
2006	19,050	67,679	10,183	96,913
2007	41,785	117,254	16,473	175,512

Red Snapper Recreational Statistics:



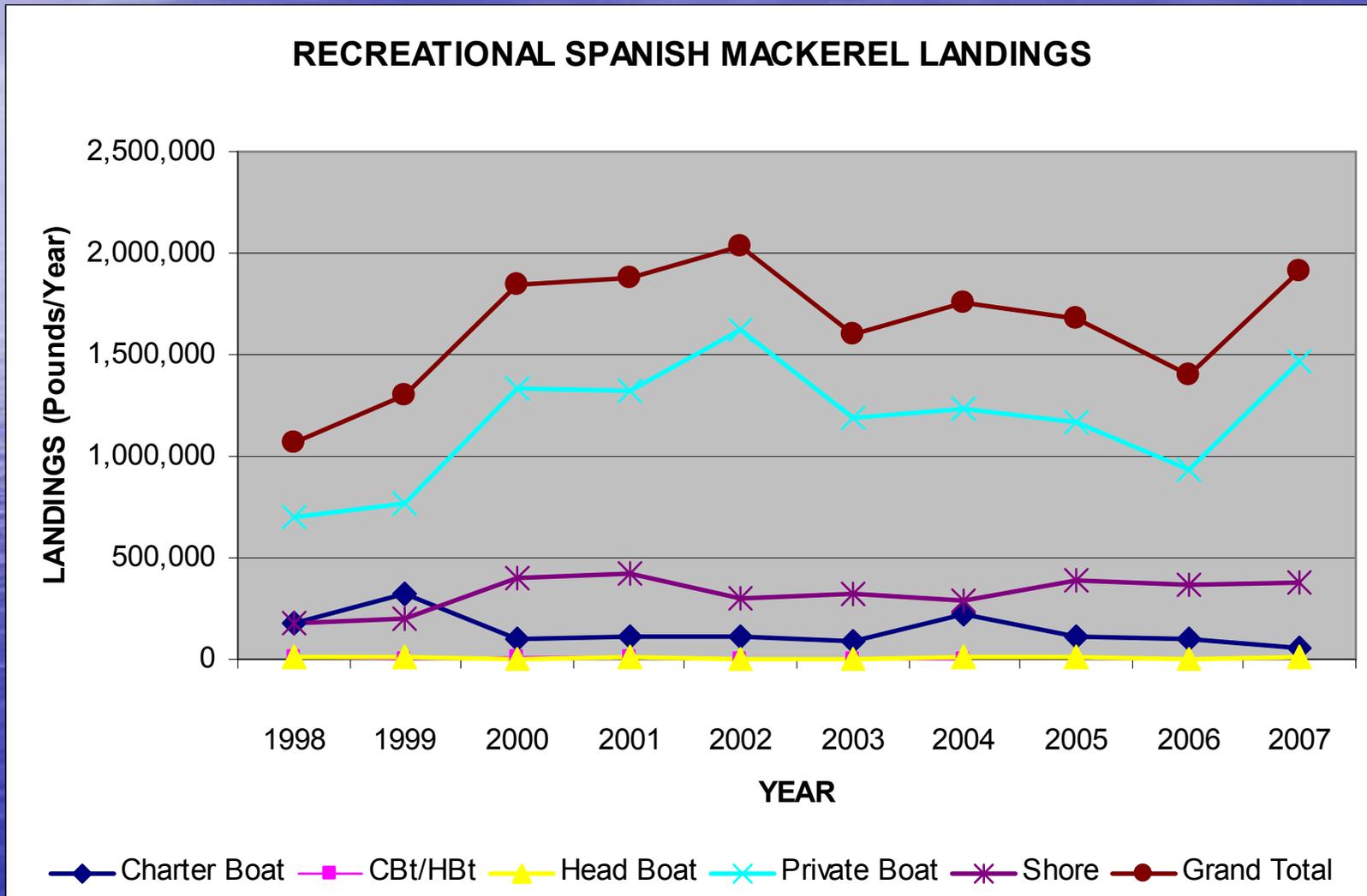
Red Snapper Recreational Statistics:



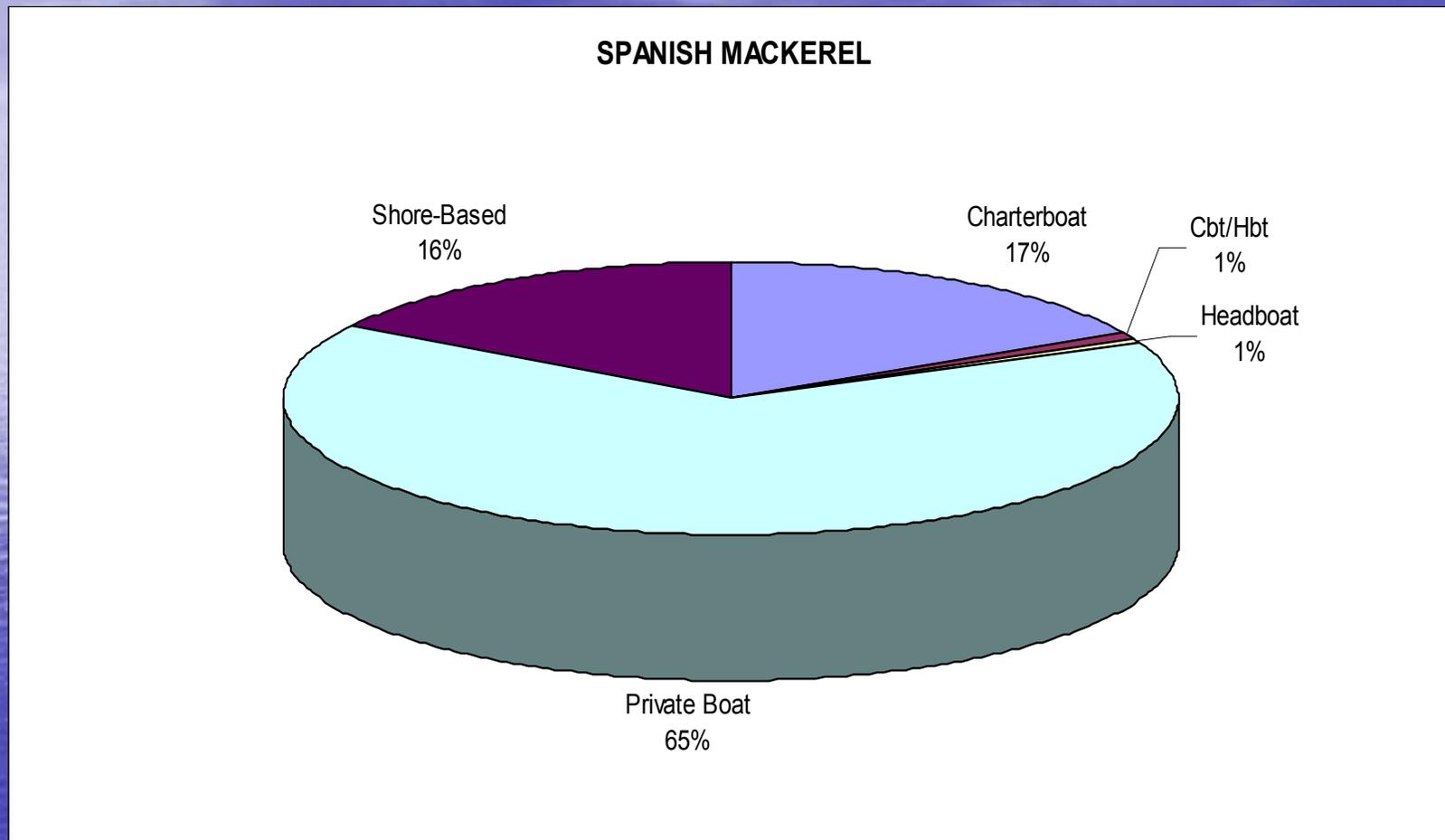
Recreational Landings of Red Snapper

YEAR	Charterboat	Headboat	Private Boat	Shore-Based	Grand Total
1998	87,446	26,848	54,110	0	168,404
1999	97,079	43,558	75,771	0	216,408
2000	50,497	49,403	434,004	0	533,904
2001	65,238	68,384	267,071	10,510	411,203
2002	108,031	70,796	274,868		453,695
2003	141,010	41,353	147,192	0	329,555
2004	125,308	80,349	173,137	0	378,793
2005	116,716	58,695	139,542	0	314,953
2006	100,444	41,432	138,922		280,797
2007	57,150	37,460	243,751	0	338,361

Spanish Mackerel Recreational Statistics:



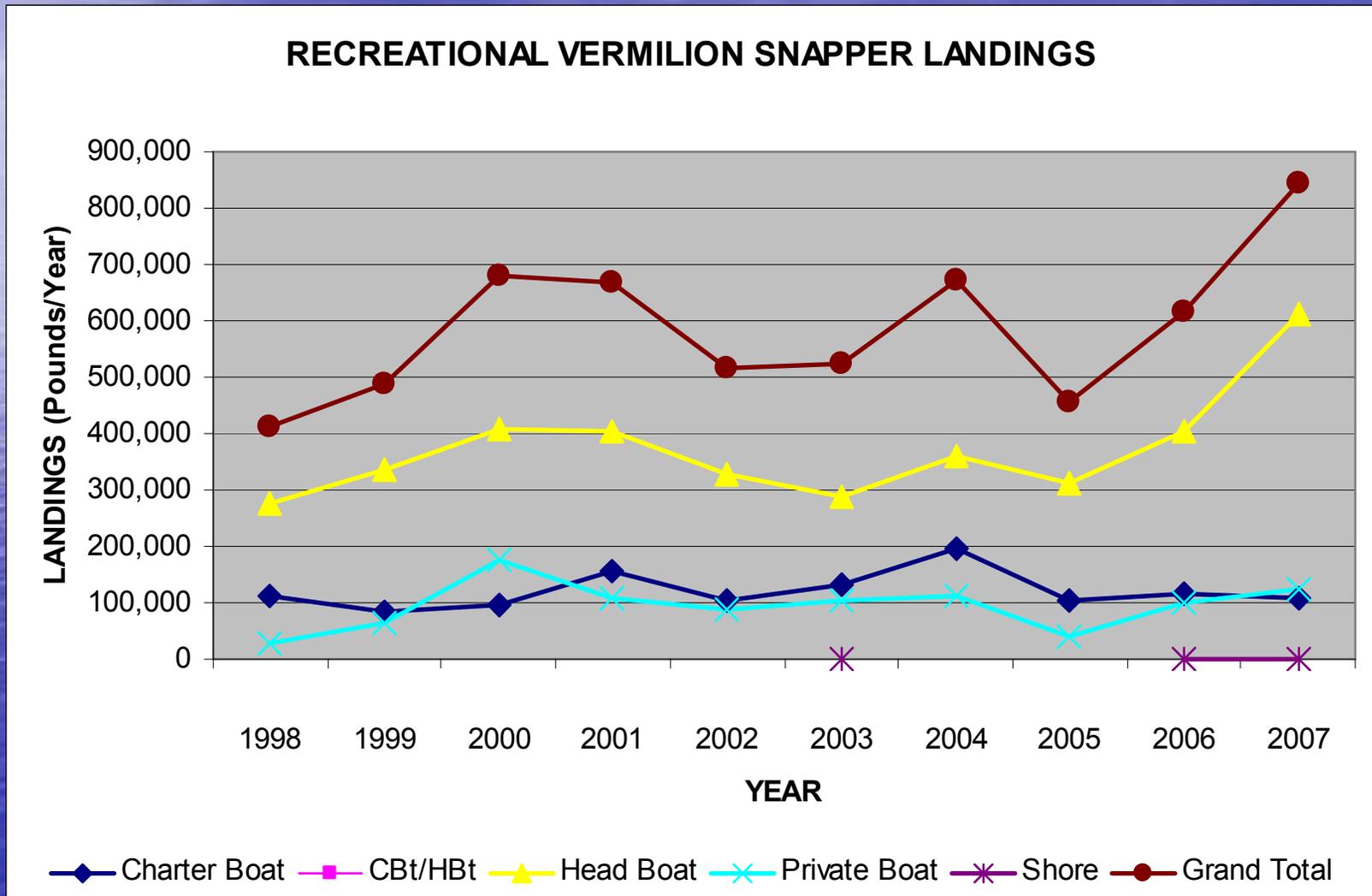
Spanish Mackerel Recreational Statistics:



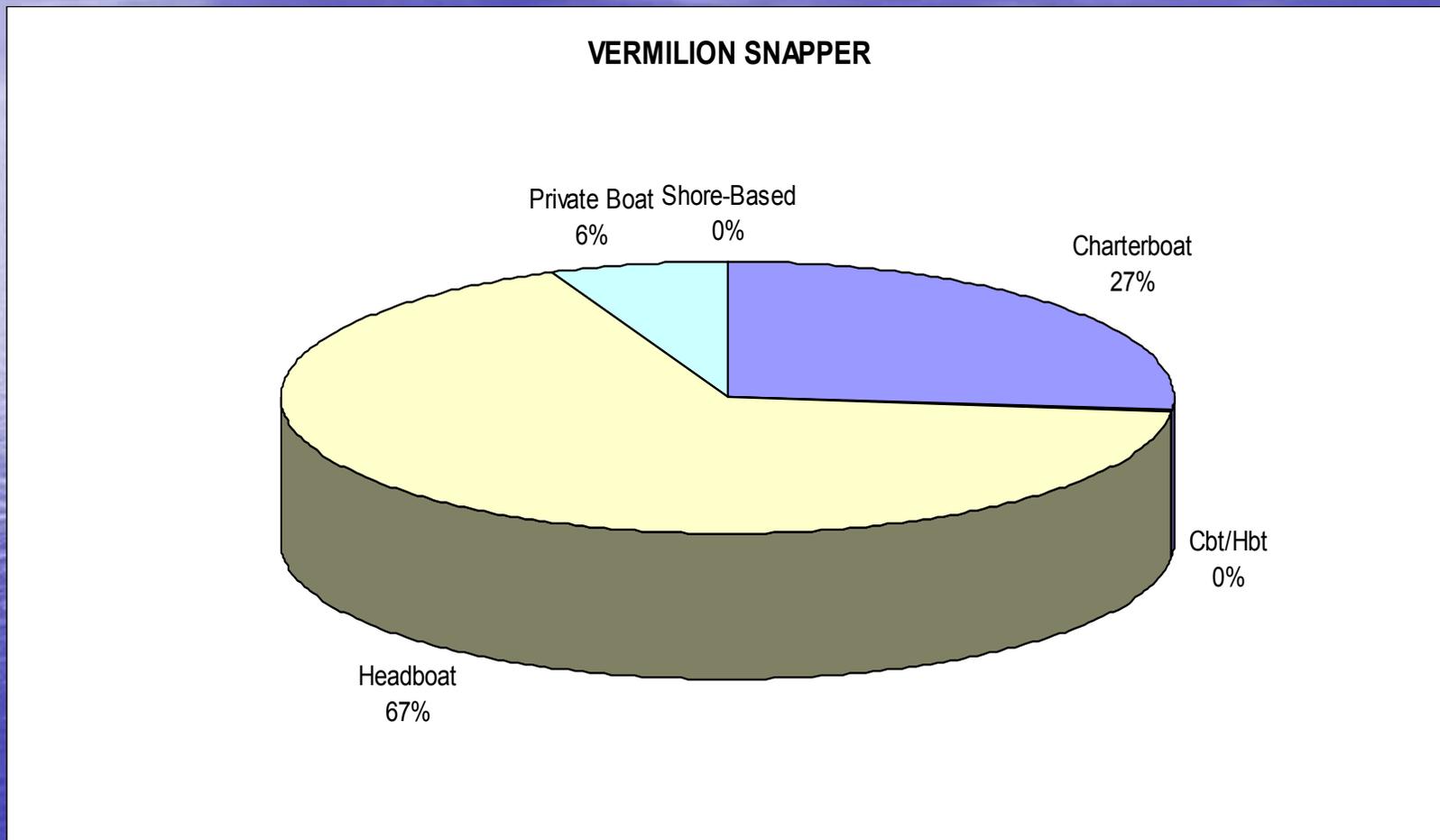
Recreational Landings of Spanish Mackerel

YEAR	Charterboat	Cbt/Hbt	Headboat	Private Boat	Shore-Based	Grand Total
1998	182,762	6,175	6,225	702,326	173,450	1,070,938
1999	327,640	508	9,345	766,385	198,371	1,302,249
2000	101,810	10,864	3,896	1,336,521	395,195	1,848,286
2001	108,042	12,740	10,723	1,318,867	427,203	1,877,575
2002	114,273	0	5,435	1,620,978	295,055	2,035,740
2003	90,529	2,710	2,828	1,186,880	318,783	1,601,731
2004	219,790	1,171	15,607	1,228,775	285,426	1,750,770
2005	112,548		11,500	1,171,347	386,521	1,681,915
2006	101,245		4,092	937,771	361,851	1,404,959
2007	51,098		6,556	1,472,002	382,605	1,912,261

Vermilion Snapper Recreational Statistics:



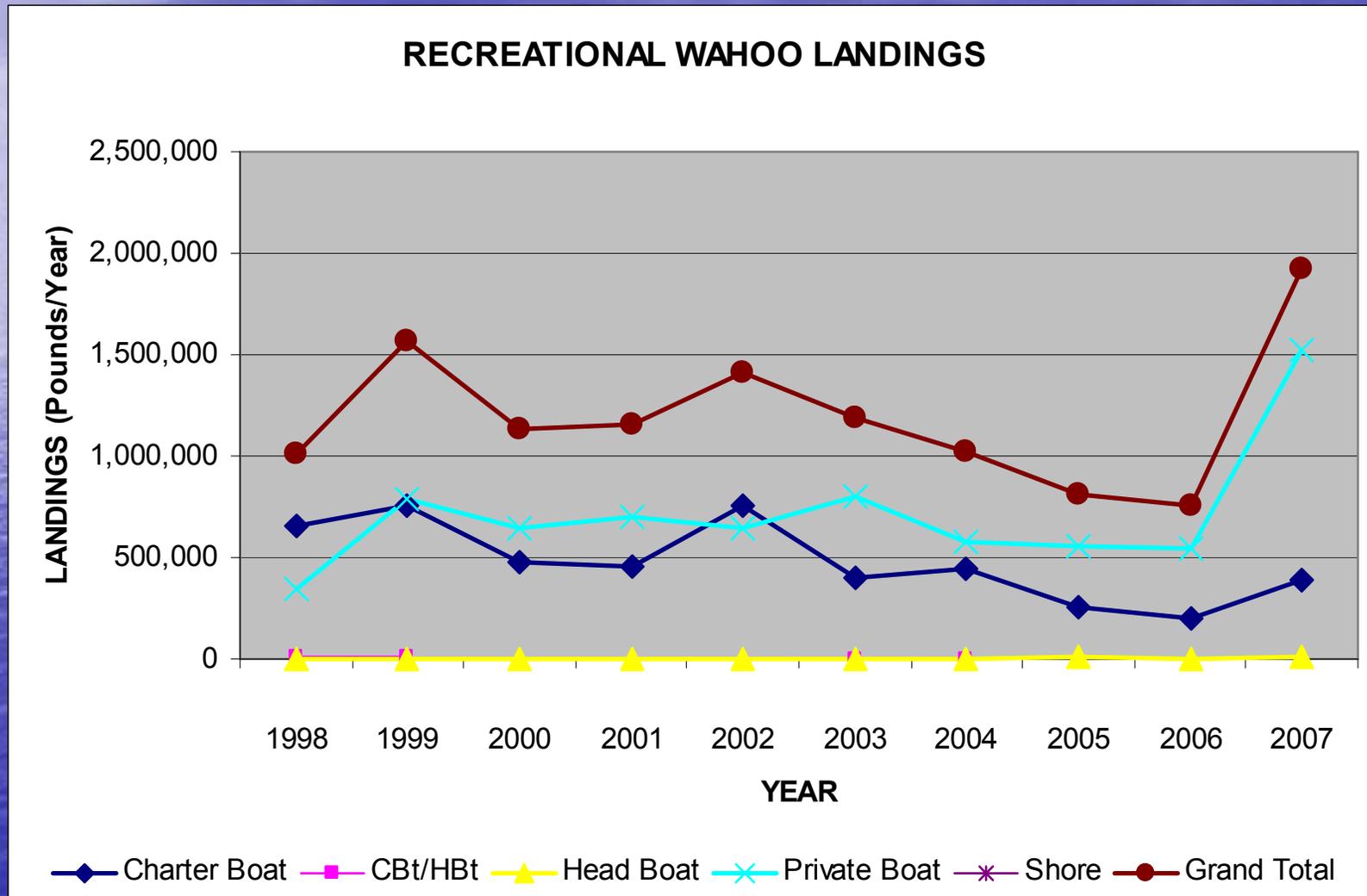
Vermilion Snapper Recreational Statistics:



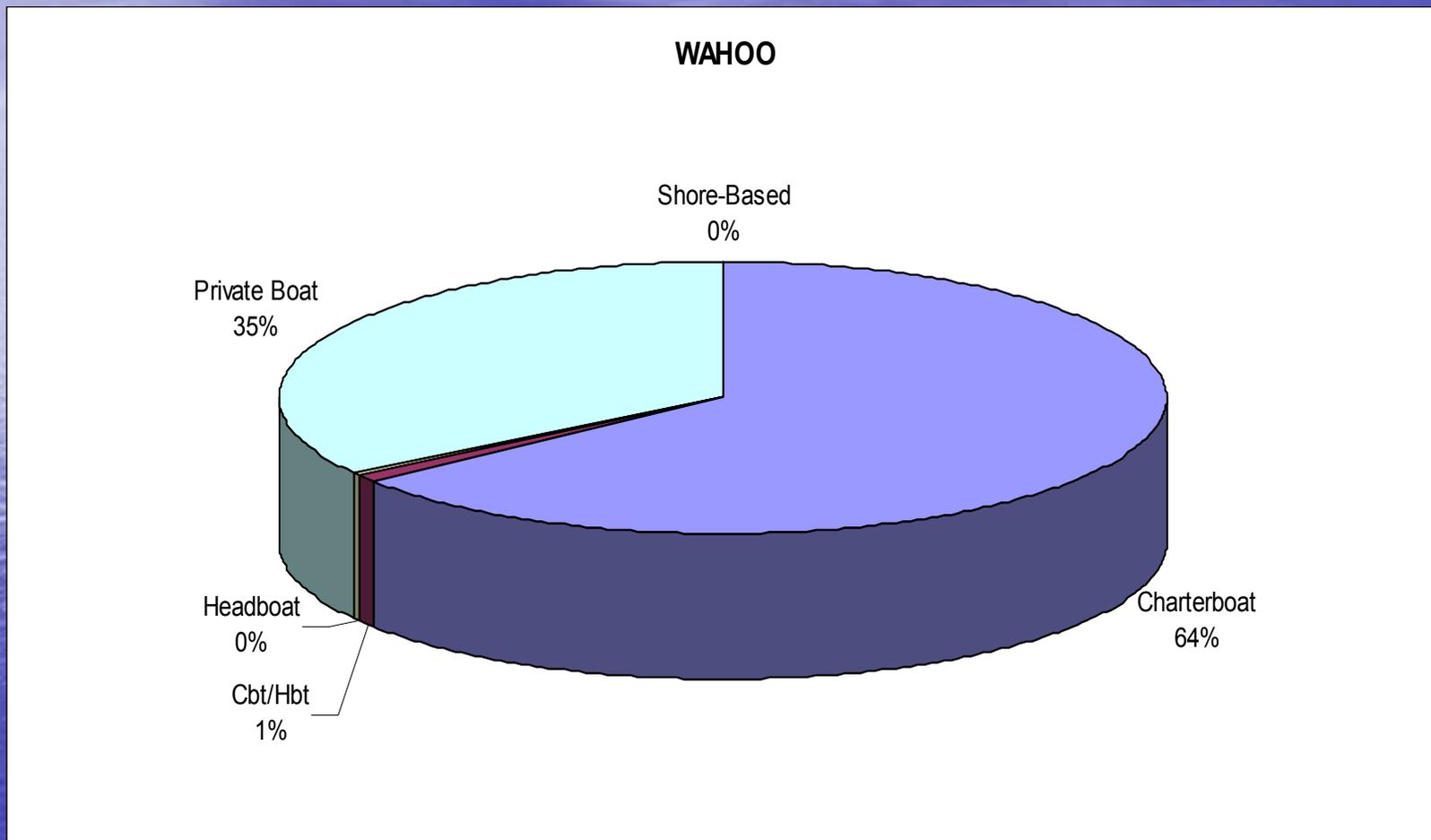
Recreational Landings of Vermilion Snapper

YEAR	Charterboat	Headboat	Private Boat	Shore-Based	Grand Total
1998	110,382	275,492	26,285		412,159
1999	85,806	335,732	65,330		486,867
2000	96,543	406,785	176,001		679,330
2001	154,159	402,620	109,867		666,647
2002	103,351	326,447	86,628		516,426
2003	133,446	287,444	103,598	973	525,461
2004	197,148	361,562	113,529		672,239
2005	105,355	311,977	40,666		457,998
2006	115,251	402,351	98,671	0	616,273
2007	107,096	613,765	122,041	873	843,775

Wahoo Recreational Statistics:



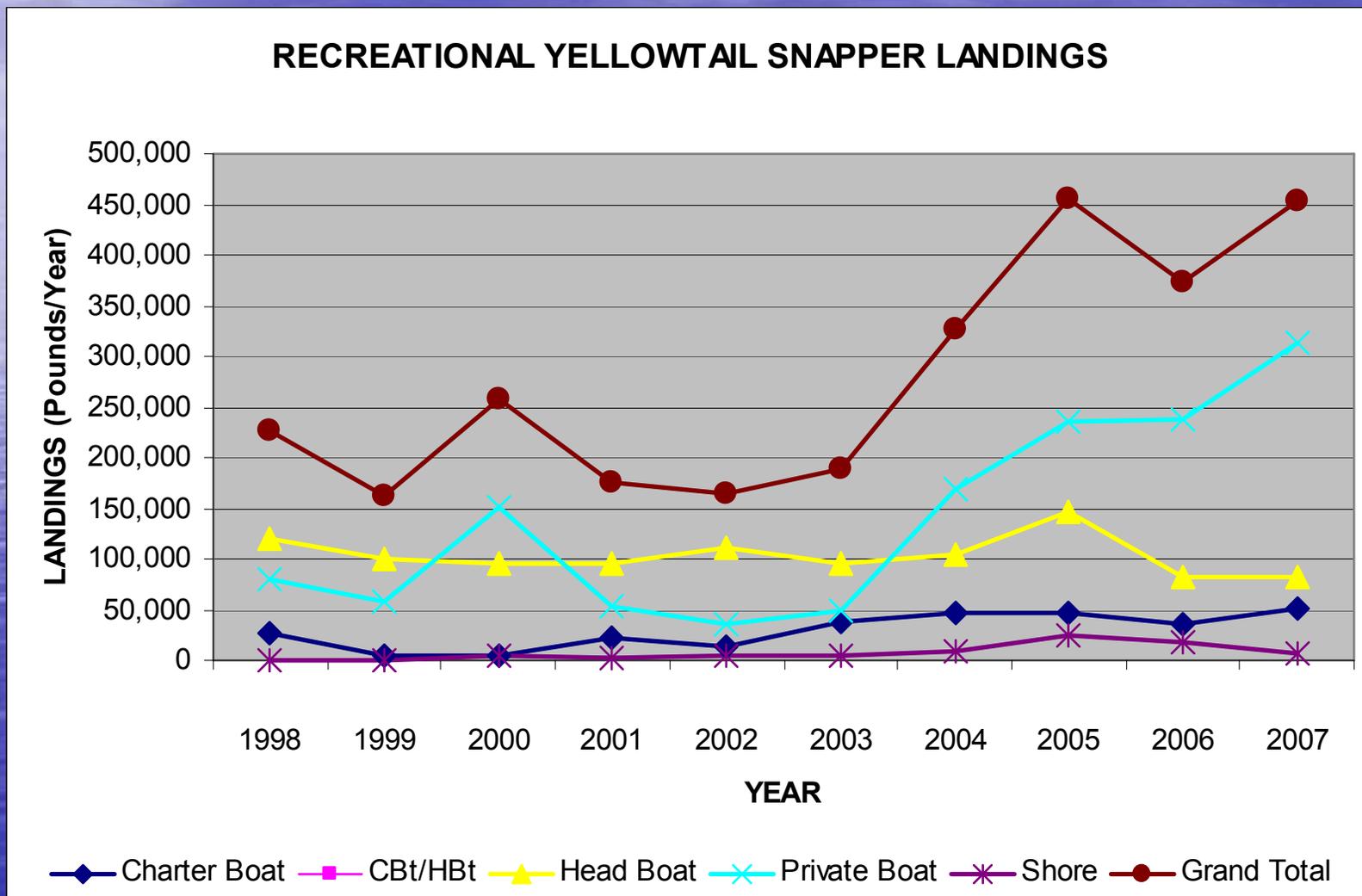
Wahoo Recreational Statistics:



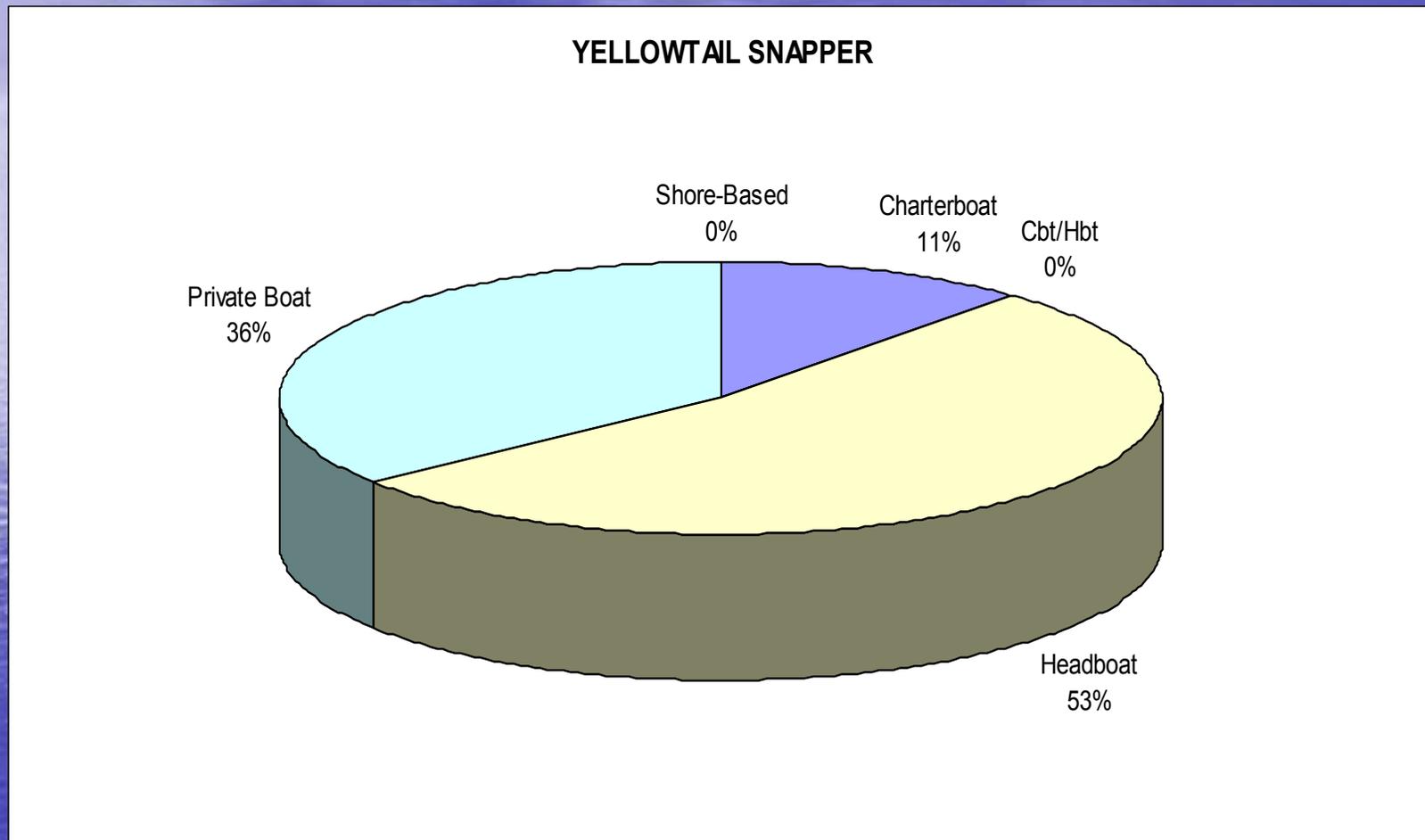
Recreational Landings of Wahoo

YEAR	Charterboat	Cbt/Hbt	Headboat	Private Boat	Grand Total
1998	651,202	8,121	2,549	348,959	1,010,831
1999	758,166	15,615	5,358	784,753	1,563,893
2000	482,750		5,467	639,889	1,128,106
2001	457,466		863	701,917	1,160,247
2002	756,379		4,881	644,342	1,405,601
2003	396,596	0	623	795,043	1,192,261
2004	440,090	0	5,216	581,229	1,026,534
2005	252,441		5,790	557,613	815,844
2006	204,435		3,001	546,314	753,750
2007	388,250		10,278	1,525,817	1,924,345

Yellowtail Snapper Recreational Statistics:



Yellowtail Snapper Recreational Statistics:



Recreational Landings of Yellowtail Snapper

YEAR	Charterboat	Headboat	Private Boat	Shore-Based	Grand Total
1998	25,672	119,808	80,289	0	225,769
1999	3,983	98,905	57,996	981	161,864
2000	5,409	94,696	151,857	5,270	257,232
2001	22,407	96,209	54,187	2,108	174,909
2002	13,978	110,374	36,652	4,022	165,026
2003	38,673	96,406	48,491	4,386	187,955
2004	47,436	103,518	168,310	8,269	327,533
2005	47,200	147,470	236,427	24,962	456,060
2006	35,949	83,329	236,859	17,227	373,364
2007	51,255	81,889	313,713	7,412	454,269