

Tab E, No. 4(a)

Estimated Red Snapper Dead Discards 1981-2011

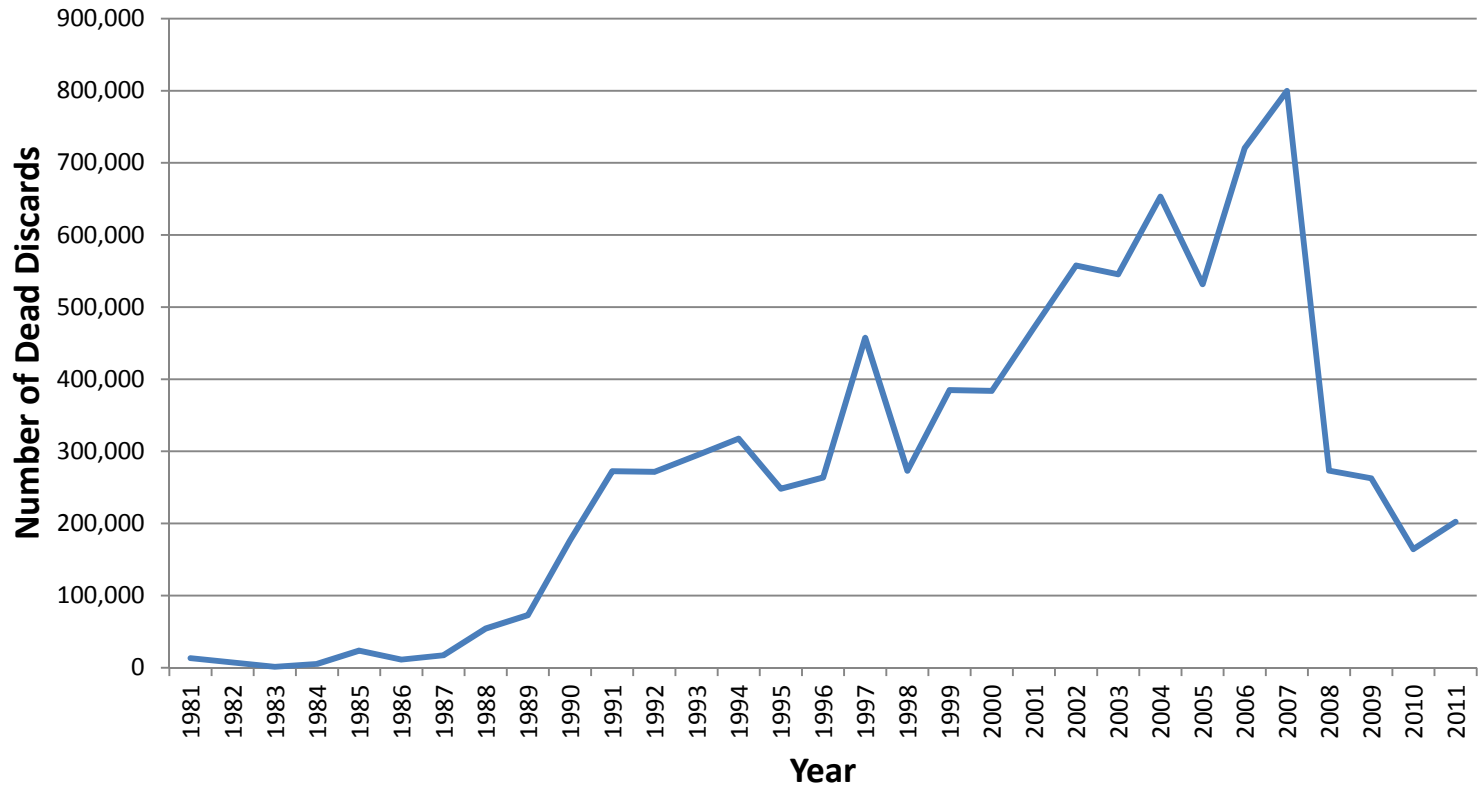
Source: SEDAR 31 (2013)

Estimated dead discards in the recreational red snapper fishery 1981-2011

Year	MRIP east			MRIP west			Texas			Headboat east			Headboat west			Total dead discards
	Discards	Mortality rate	Dead	Discards	Mortality rate	Dead	Discards	Mortality rate	Dead	Discards	Mortality rate	Dead	Discards	Mortality rate	Dead	
1981	51,548	0.21	10,825	10,037	0.22	2,208	514	0.22	113	0	0.21	0	0	0.22	0	13,146
1982	16,659	0.21	3,498	14,344	0.22	3,156	619	0.22	136	0	0.21	0	2,356	0.22	518	7,309
1983	479	0.21	101	3,585	0.22	789	86	0.22	19	0	0.21	0	1,124	0.22	247	1,155
1984	25,159	0.21	5,283	0	0.22	0	0	0.22	0	0	0.21	0	0	0.22	0	5,283
1985	15,349	0.21	3,223	45,856	0.22	10,088	47,238	0.22	10,392	0	0.21	0	0	0.22	0	23,704
1986	39,599	0.21	8,316	5,036	0.22	1,108	236	0.22	52	1,696	0.21	356	6,049	0.22	1,331	11,163
1987	62,666	0.21	13,160	7,844	0.22	1,726	7,619	0.22	1,676	1,648	0.21	346	1,114	0.22	245	17,153
1988	64,040	0.21	13,448	147,211	0.22	32,386	34,329	0.22	7,552	2,541	0.21	534	1,505	0.22	331	54,252
1989	168,435	0.21	35,371	114,579	0.22	25,207	15,429	0.22	3,394	5,746	0.21	1,207	34,888	0.22	7,675	72,855
1990	424,721	0.21	89,191	172,929	0.22	38,044	26,652	0.22	5,863	31,607	0.21	6,637	166,801	0.22	36,696	176,433
1991	769,651	0.21	161,627	256,574	0.22	56,446	86,464	0.22	19,022	32,870	0.21	6,903	128,563	0.22	28,284	272,282
1992	847,379	0.21	177,950	214,942	0.22	47,287	24,753	0.22	5,446	50,477	0.21	10,600	137,089	0.22	30,160	271,442
1993	900,495	0.21	189,104	259,803	0.22	57,157	30,631	0.22	6,739	39,714	0.21	8,340	149,917	0.22	32,982	294,321
1994	709,312	0.21	148,956	282,222	0.22	62,089	95,673	0.22	21,048	38,892	0.21	8,167	351,020	0.22	77,224	317,484
1995	393,610	0.21	82,658	408,644	0.22	89,902	149,909	0.22	32,980	21,497	0.21	4,514	173,347	0.22	38,136	248,190
1996	878,667	0.21	184,520	100,060	0.22	22,013	39,742	0.22	8,743	63,884	0.21	13,416	159,022	0.22	34,985	263,677
1997	1,796,061	0.21	377,173	103,049	0.22	22,671	50,180	0.22	11,040	132,184	0.21	27,759	85,033	0.22	18,707	457,349
1998	933,276	0.21	195,988	105,271	0.22	23,160	60,634	0.22	13,339	138,777	0.21	29,143	51,183	0.22	11,260	272,890
1999	1,268,605	0.21	266,407	228,956	0.22	50,370	131,464	0.22	28,922	173,167	0.21	36,365	12,732	0.22	2,801	384,866
2000	1,433,219	0.21	300,976	127,605	0.22	28,073	64,560	0.22	14,203	172,955	0.21	36,321	18,447	0.22	4,058	383,631
2001	1,934,396	0.21	406,223	54,550	0.22	12,001	42,833	0.22	9,423	174,019	0.21	36,544	31,910	0.22	7,020	471,212
2002	2,280,040	0.21	478,808	43,270	0.22	9,519	62,256	0.22	13,696	225,834	0.21	47,425	36,925	0.22	8,124	557,573
2003	1,973,629	0.21	414,462	184,735	0.22	40,642	133,373	0.22	29,342	211,693	0.21	44,456	74,855	0.22	16,468	545,369
2004	2,413,011	0.21	506,732	274,135	0.22	60,310	229,890	0.22	50,576	85,396	0.21	17,933	79,051	0.22	17,391	652,942
2005	1,849,815	0.21	388,461	339,593	0.22	74,710	185,774	0.22	40,870	53,136	0.21	11,159	74,551	0.22	16,401	531,602
2006	2,393,573	0.21	502,650	429,127	0.22	94,408	169,427	0.22	37,274	292,684	0.21	61,464	112,161	0.22	24,675	720,471
2007	2,959,674	0.21	621,532	284,832	0.22	62,663	82,617	0.22	18,176	344,900	0.21	72,429	113,193	0.22	24,902	799,702
2008	1,845,033	0.1	184,503	262,197	0.105	27,531	118,428	0.105	12,435	397,386	0.1	39,739	86,233	0.105	9,054	273,262
2009	1,947,812	0.1	194,781	195,482	0.105	20,526	73,095	0.105	7,675	357,992	0.1	35,799	36,251	0.105	3,806	262,587
2010	1,426,636	0.1	142,664	6,779	0.105	712	19,754	0.105	2,074	156,197	0.1	15,620	31,475	0.105	3,305	164,374
2011	1,412,941	0.1	141,294	108,302	0.105	11,372	120,537	0.105	12,656	333,703	0.1	33,370	33,291	0.105	3,496	202,188

Shaded area shows years when venting was required.

Recreational Red Snapper Dead Discards



Estimated dead discards in the commercial red snapper fishery 2007-2011

Year	Handline east			Handline west			Longline east			Longline west			Total dead discards
	Discards	Mortality rate	Dead	Discards	Mortality rate	Dead	Discards	Mortality rate	Dead	Discards	Mortality rate	Dead	
2007	881,634	0.745	656,817	383,383	0.825	316,291	37,231	0.815	30,343	0	0.930	0	1,003,452
2008	374,712	0.555	207,965	557,104	0.670	373,260	5,124	0.650	3,331	491	0.845	415	584,970
2009	2,604,700	0.555	1,445,609	103,320	0.670	69,224	34,994	0.650	22,746	395	0.845	334	1,537,913
2010	1,288,694	0.555	715,225	271,026	0.670	181,587	14,965	0.650	9,727	215	0.845	182	906,722
2011	937,693	0.555	520,420	190,414	0.670	127,577	19,712	0.650	12,813	1,288	0.845	1,088	661,898

Shaded area shows years when venting was required.

Commercial Red Snapper Dead Discards

