

Recreational Catch Survey

Hawke Bay is a mixed fin-fish fishery. We survey 18 species both landed and released. Those species are:

Snapper	Gurnard	Tarakihi	Trevally	Groper
Blue Cod	Kahawai	Red Cod	School Shark	Rig
Kingfish	Barracouta	Albacore	Skipjack	Marlin
Carpet Shark	Mackerel	Spiny-Back Shark		

We only survey on competition days. Why? It's a numbers game.

- Good timeframe spread over summer – October through to April
- Anglers fish hard so as to win prizes
- Covers timeframe spread of tides; Moon phases; water salinity; water temperature; seasonal changes; wide sea area

We record:

- Name and Date of Competition
- Number of anglers (all have to register)
- Number of boats
- Target species (both landed and released)
- By-Catch (non-targeted)
- Number of anglers surveyed
- Number of boats surveyed
- Boat Name

We have now completed Year 9. This has been at a personal cost of an average of 130 hours plus per year = a total of 1170 hours over the past 9 years which is at no financial cost to the MPI.

We believe this method is the most accurate. The survey is done on the spot. We have the trust of anglers to be honest and they appreciate the reason for all our effort. Honesty and accuracy is paramount.

Colin Murray
Hawke's Bay Sports Fishing Club

Survey Results

Ramp Survey:

Season	No. of Anglers Surveyed	No. of Competition Days	No. of Fish Caught per angler per day				
			Snapper	Gurnard	Tarakihi	Trevally	Groper
2006-07	1691	16	0.94	2.19	0.44	0.15	0.23
2007-08	2700	17	0.85	1.55	0.36	0.10	0.09
2008-09	2352	17	0.94	1.98	0.43	0.08	0.07
2009-10	2252	13	0.66	1.42	0.48	0.11	0.09
2010-11	2150	17	0.85	1.70	0.37	0.17	0.04
2011-12	455	5	0.34	2.23	0.44	0.10	0.006
2012-13	2100	16	0.38	1.33	0.36	0.14	0.14
2013-14	914	13	0.8	1.5	0.5	0.2	0.06
2014-15	1378	15	0.48	1.02	0.34	0.15	0.03
TOTAL	16122	130					

Average over 9 years

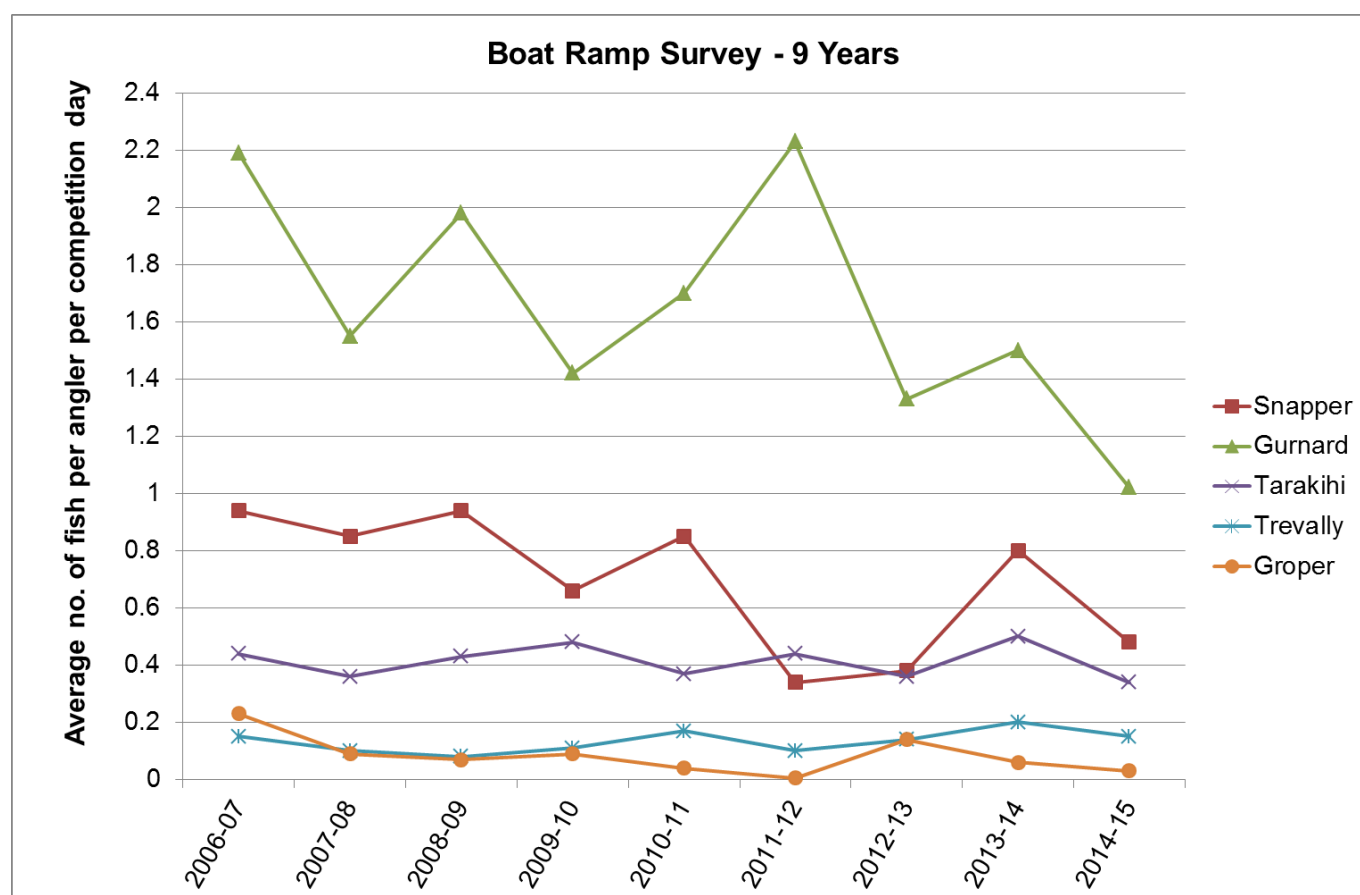
0.69

1.65

0.35

0.13

0.08



Value of fishing to the Hawke's Bay economy:

Recreational boats*	2,000
Total value of boats	\$83,000,000
Total value of fishing gear	\$28,000,000
Maintenance/consumables/fuel	\$10,104,000
Total:	NZ\$121,104,000**

*This is an estimated number of recreational boat ownership in Hawke's Bay across four clubs (HBSFC, Napier Sailing Club, Clifton Marine, and Mahia Sports Fishing Club). It is estimated that 30% of these boats are not registered to any club.

** Does not include WOF, insurance, cost of towing vehicle, storage etc.

Our numbers:

- 9 years
- 16122 anglers surveyed
- 4988 boats surveyed
- 16 full ring-binders of data
- 15 reams of paper
- 1170 hours work