



SNA1 Management Plan

29 September 2017

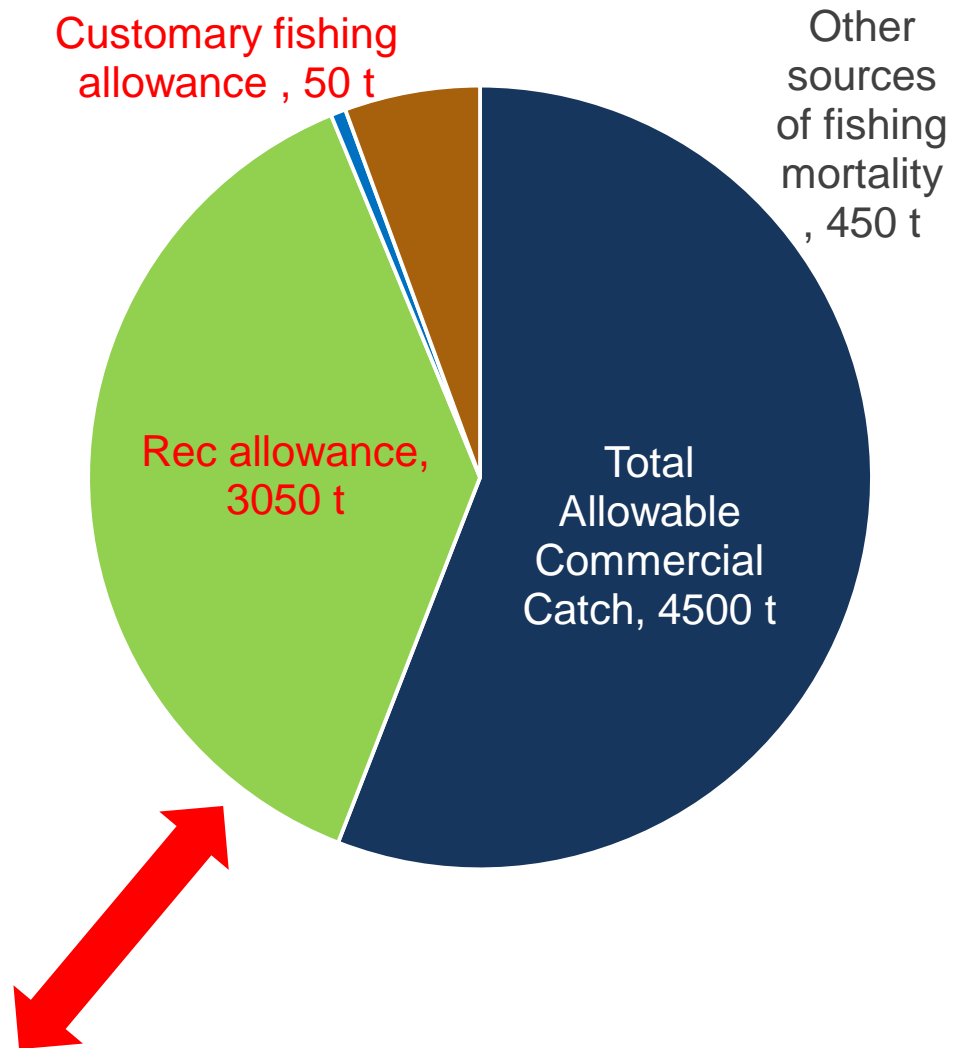
Growing and Protecting New Zealand



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Changes to management settings in 2013.....

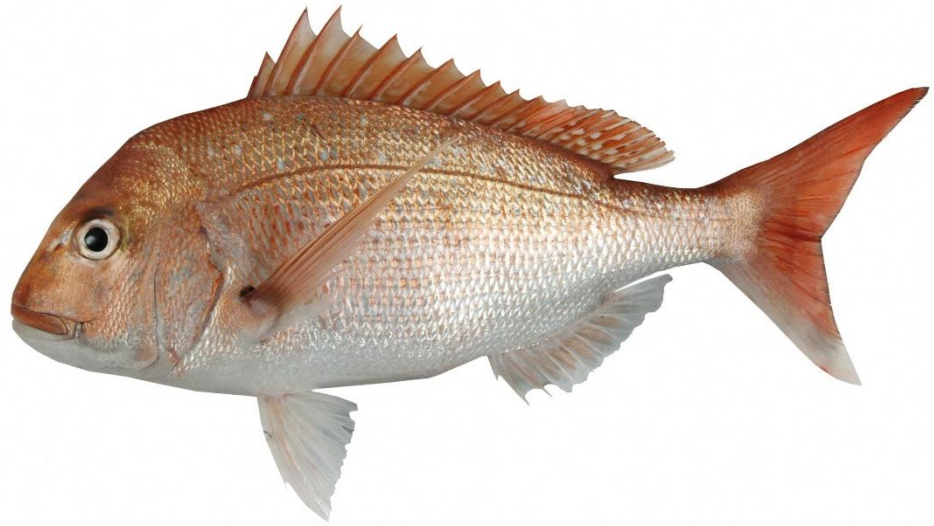
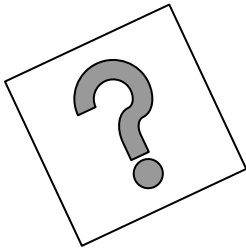
Bag limit	MLS	Effective
30	25	1/01/1985
20	25	30/09/1993
15	27	1/10/1994
9	27	13/10/1995
7	30	1/04/2014



Other initiatives

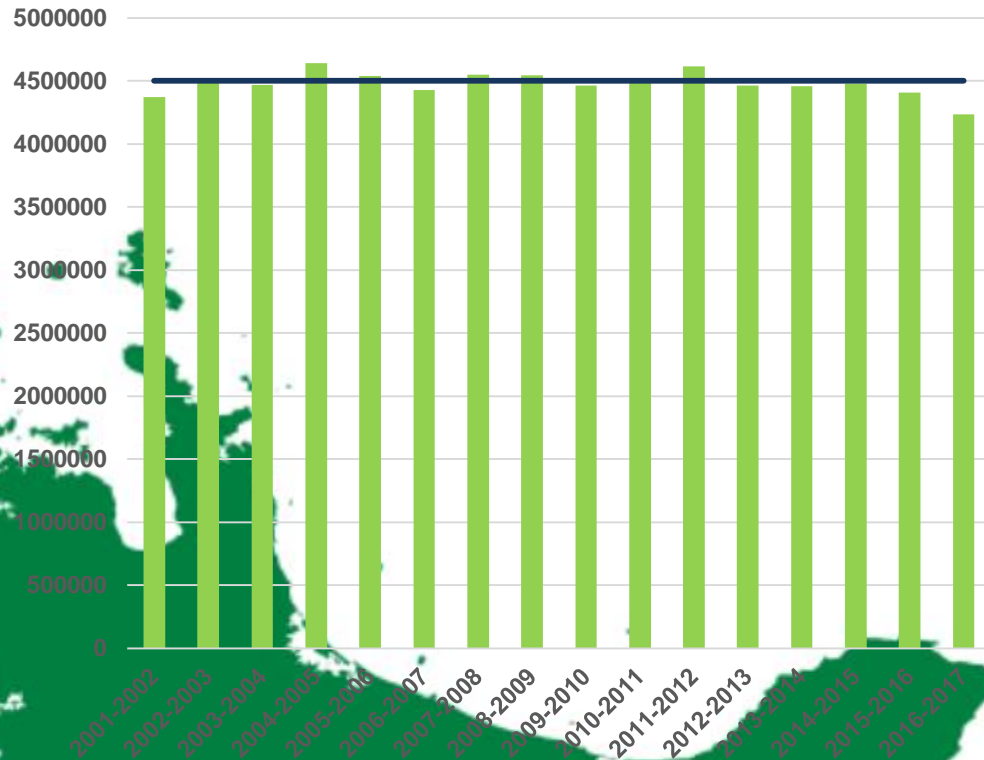
- **Commercial reporting of snapper below the MLS (helps assess “other sources” allowance/ waste)**
- **Increased observer coverage**
- **Voluntary Electronic Monitoring programme**
 - **VMS for main commercial methods**
 - **Cameras on trawl vessels**
- ***Note: also EM trials & other initiatives to address black petrel risk assessment***

What's happening now in the SNA1 fishery?

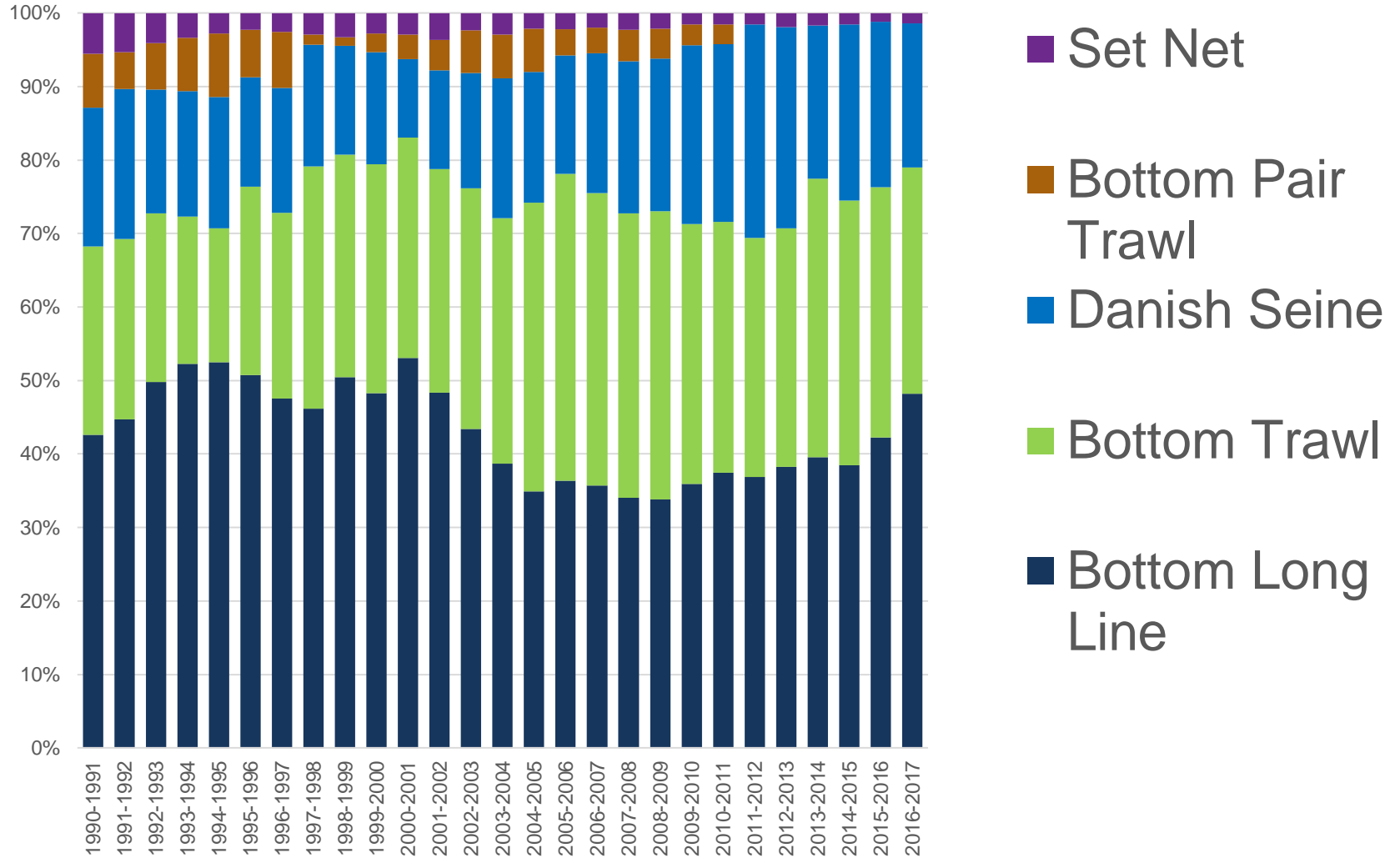


Commercial Landings

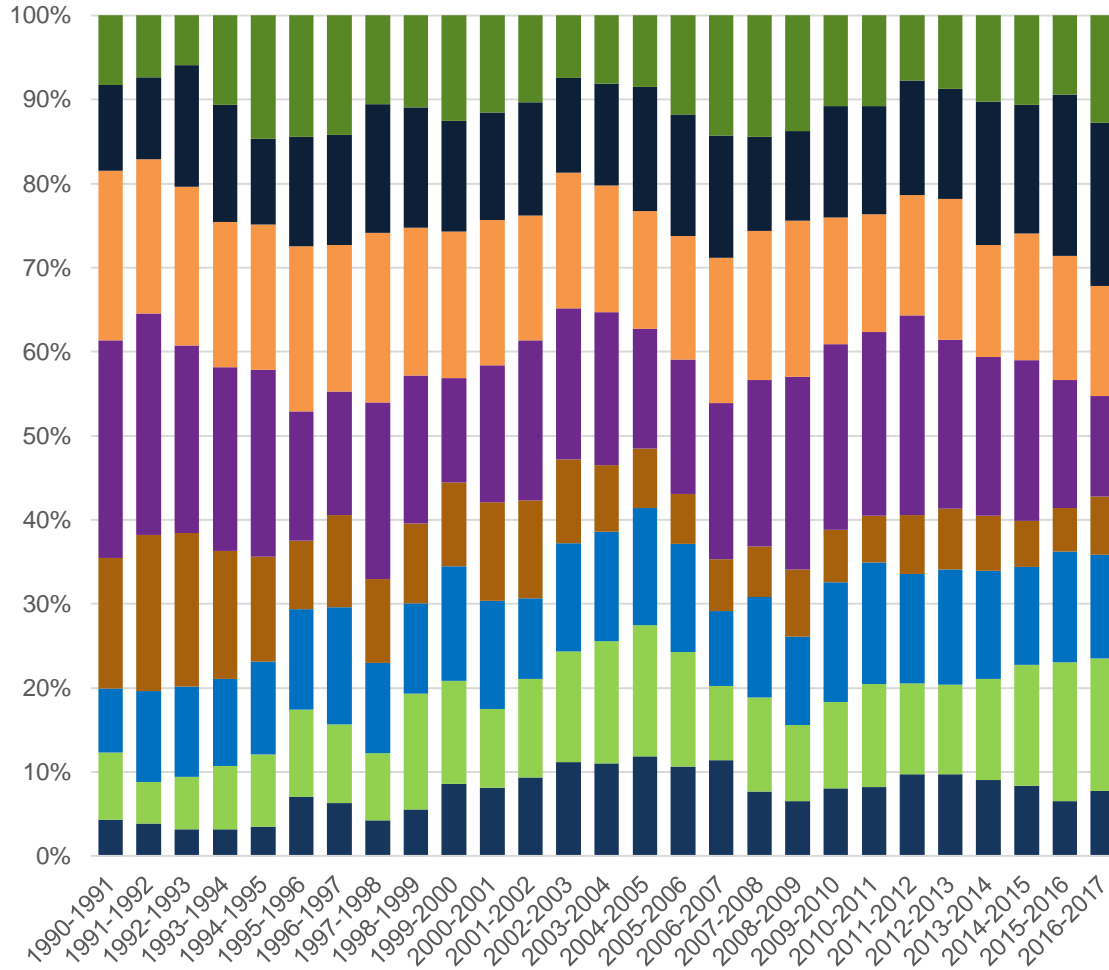
MHR
TACC



Estimated Catch- Methods



Estimated catch- areas



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003

005

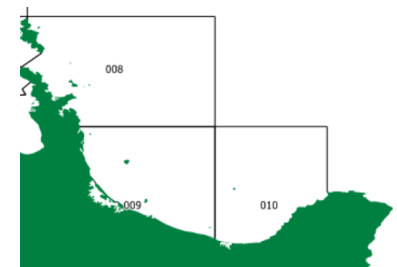
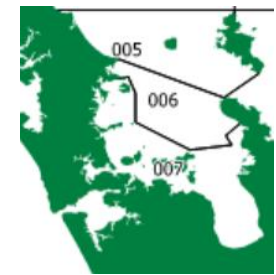
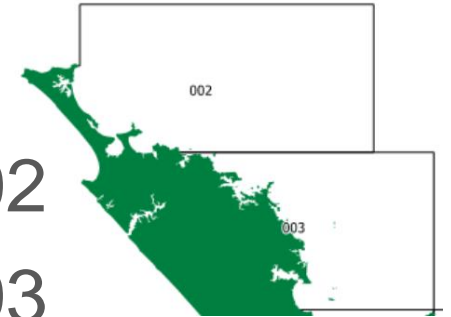
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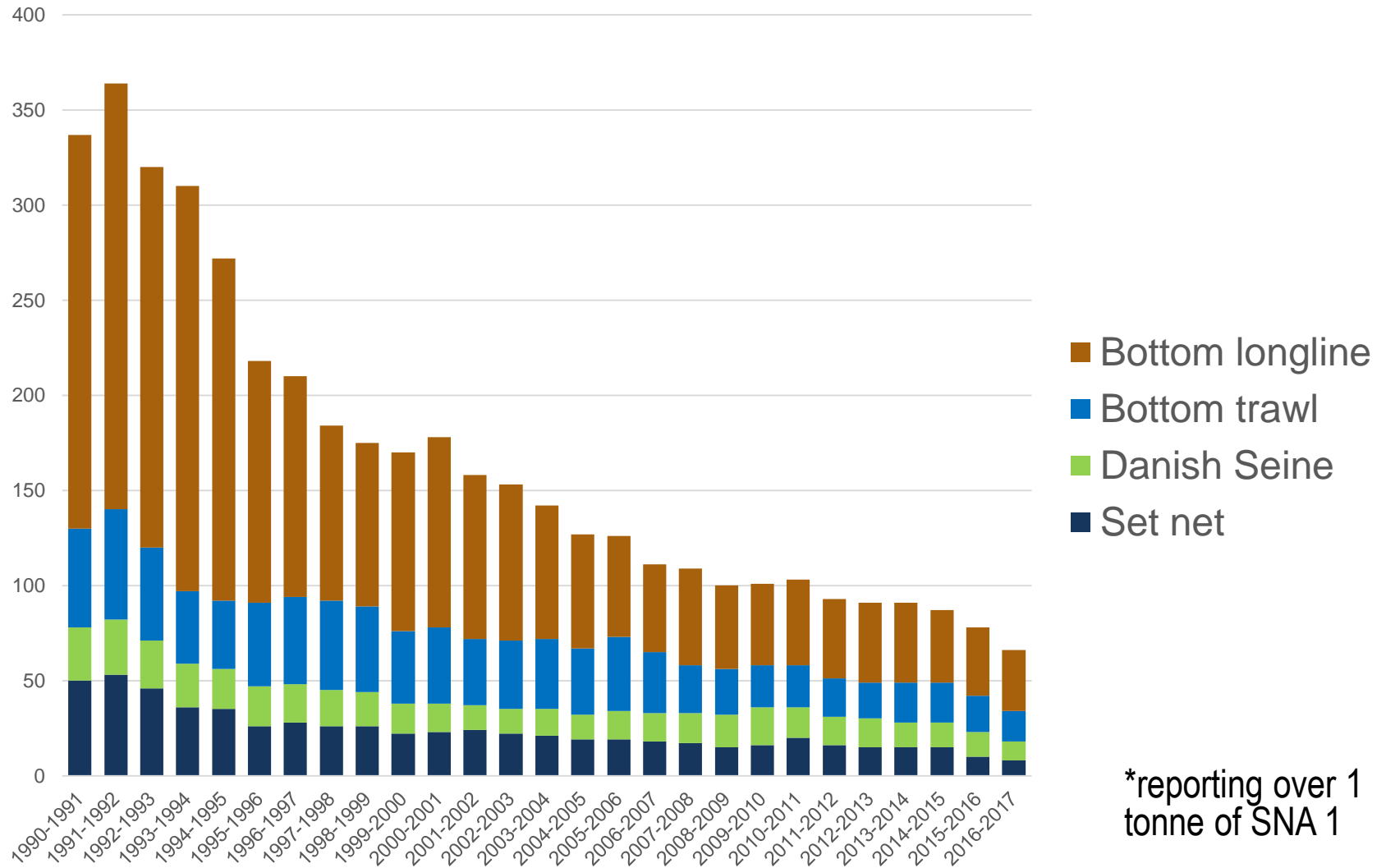
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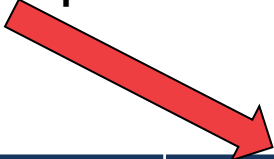


Number of commercial vessels*


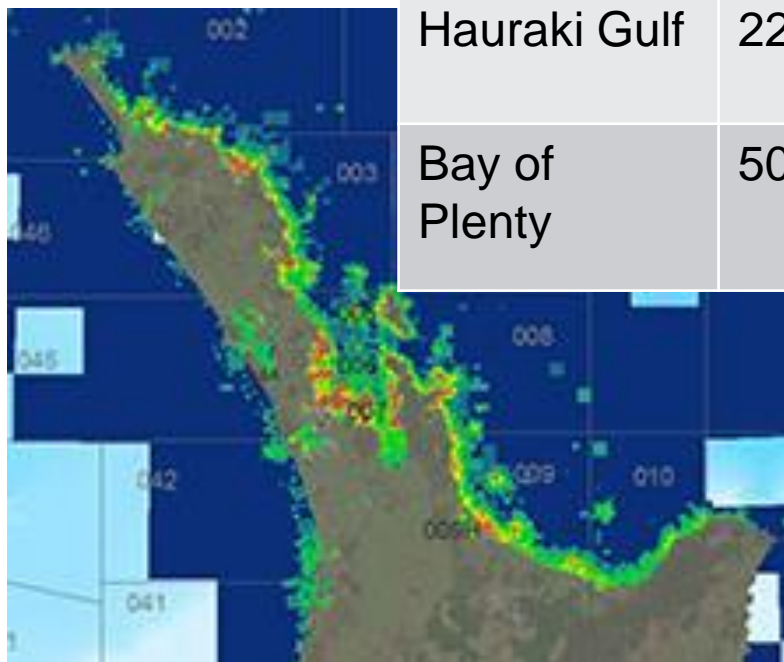


*reporting over 1 tonne of SNA 1

Large scale surveys of the recreational fishery undertaken in 2011/12 are to be repeated in the current (2017/18) fishing year



	2011/12	2012/13	2013/14
East Northland	700t- 900t	+16% on 2011/12	-18% on 2011/12
Hauraki Gulf	2250- 2500t	-25% on 2011/12	-71% on 2011/12
Bay of Plenty	500-700t	-15% on 2011/12	-47% on 2011/12

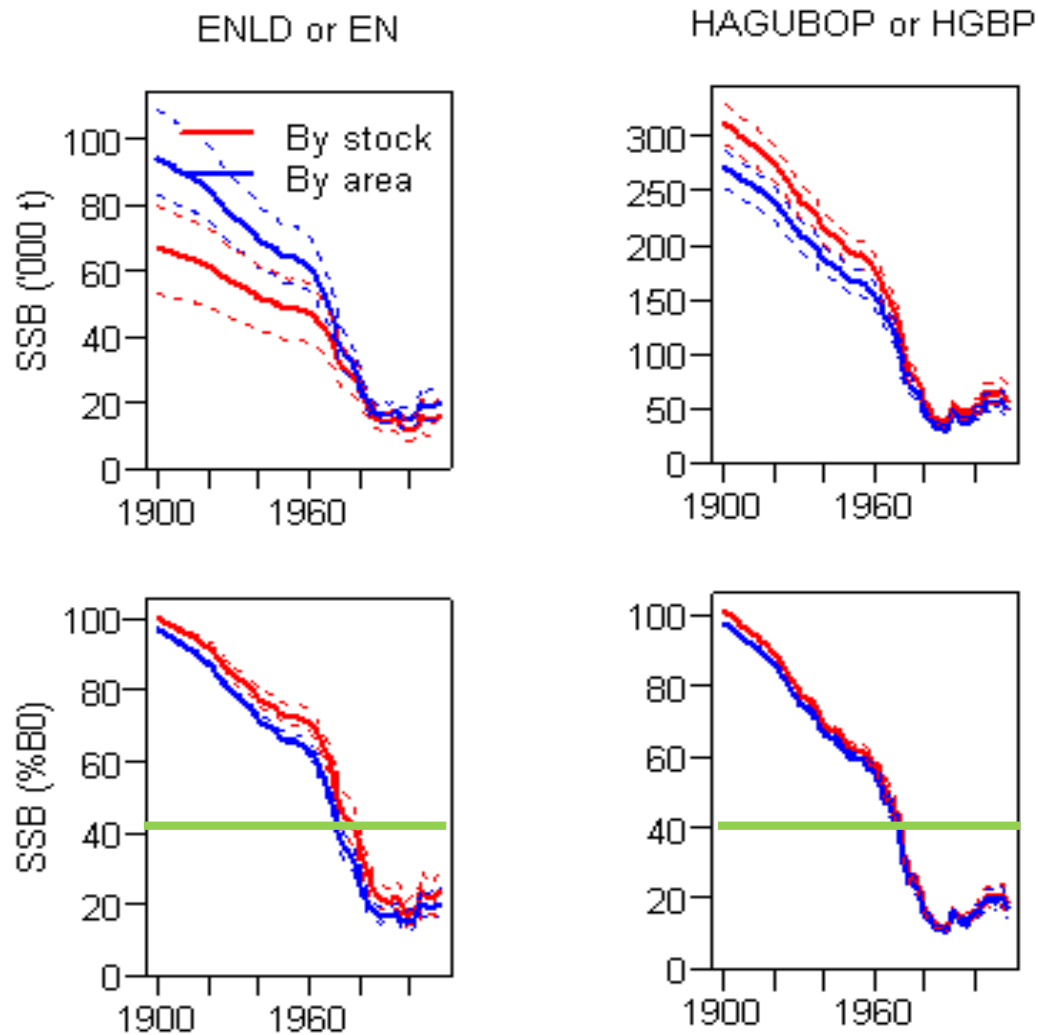


A web camera/creel index tracks the recreational fishery between full surveys. The data reflects the variability of recreational harvests, in particular that it is not just snapper abundance which drives harvest levels, but also changes in localised availability.

What are we aiming for?

- To ensure the fishery can best provide for the interests of all in the long-term.**
- Reach a target stock level (40% of the unfished biomass) within a timeframe of 25 years.**
- Ensure the intermediate target “check point” of 30% of the unfished biomass by 2025.**

2013 Stock Assessment Model



Immediate Focus

- **Reducing waste**
- **Improving fishing methods**
- **“Move-on” rule**
- **Handling and release**

How do we assess progress?

- Research focus since 2013 has been design of a substantial multi-year snapper tagging survey**
- Management plan put forward other ideas for research including longline survey to monitor abundance and research to understand environmental influences**
- Advisory Group to be set up to support implementation (including prioritising actions and responding to new information).**

Question....

- **Strong 2011 cohort?**
 - **Would be great for rebuild**
 - **Have not had shed-sampling programme in recent years to confirm, but have work programmed for this fishing year**
 - **Aligning commercial and recreational MLS considered in plan subject to selectivity and survival**