



Department of
Primary Industries

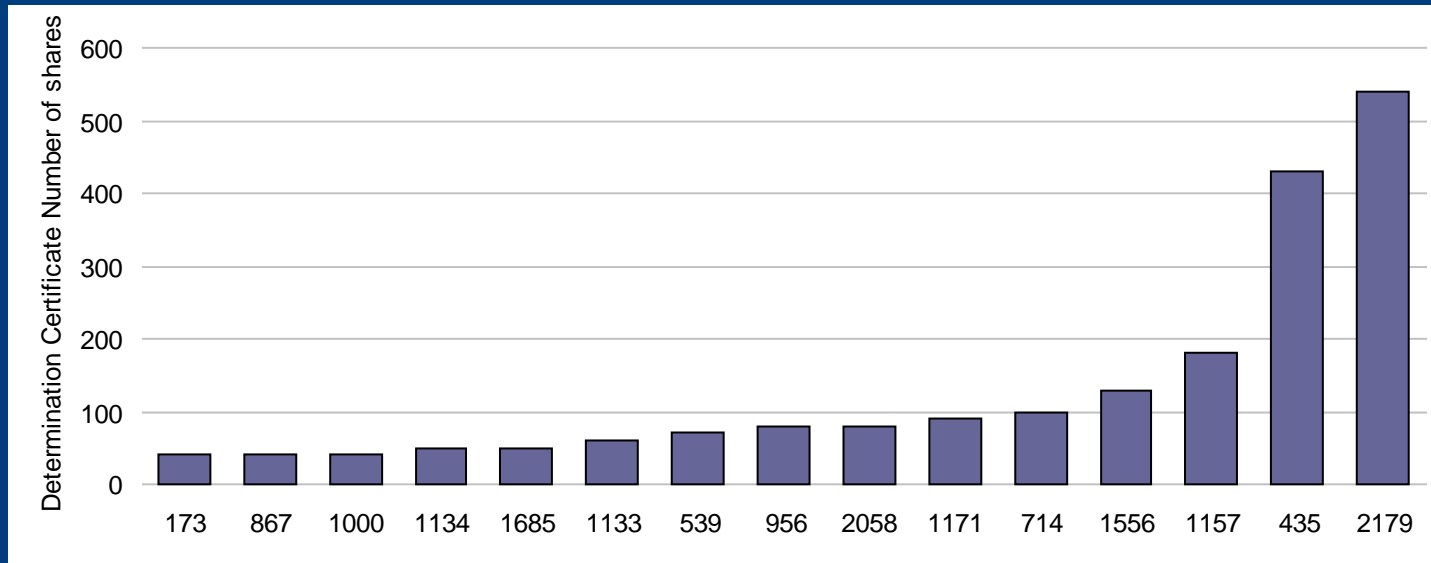
NSW Commercial Fisheries Reform

First meeting of the Ocean Haul Fishery
Purse Seine Share Linkage Working Group

Fishery information – shares

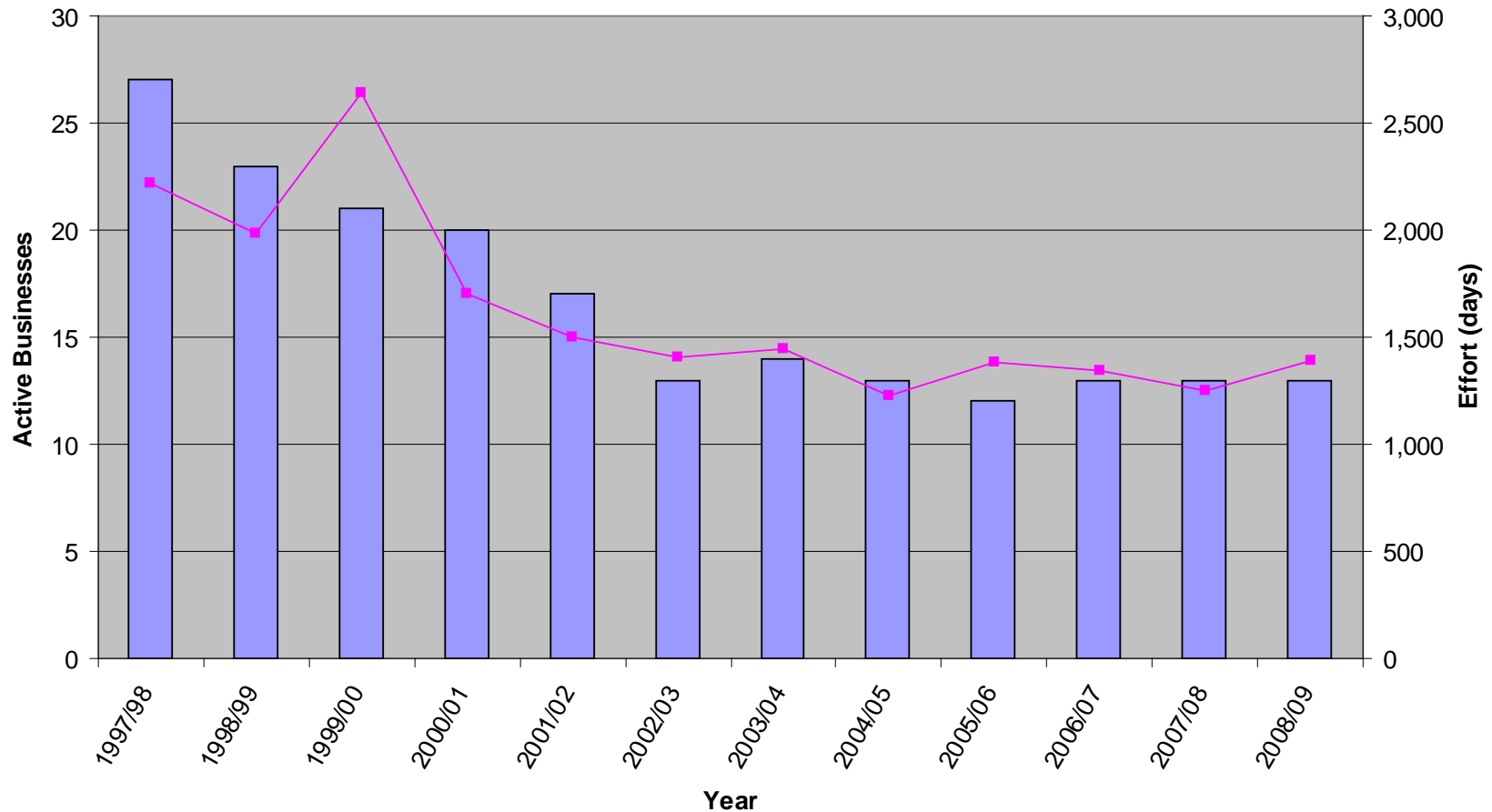
Ocean Hauling - purse seine net

Shareholding	40	50	60	70	80	90	100	130	180	430	540	Total shareholders	Total Shares:	Average shareholding:
OH Purse Seine	3	2	1	1	2	1	1	1	1	1	1	15	1980	132
Sum:	3	2	1	1	2	1	1	1	1	1	1	15	1980	132



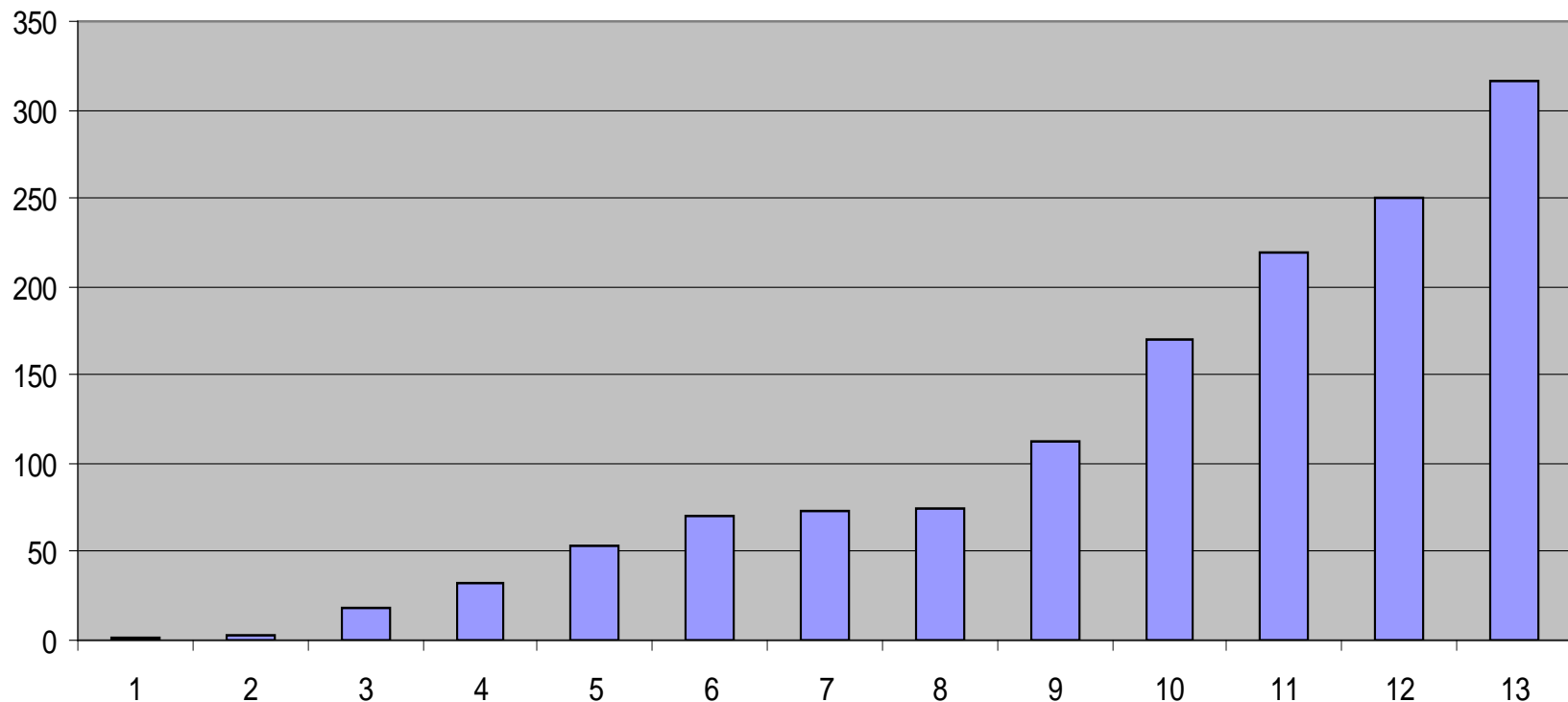
Fishery information – effort

Ocean Purse Seine
Business reporting catch and total fishery effort (days)



Fishery information – effort

Days Effort for each active fishing business - ocean haul purse seine - 2008/09



Purse Seine Net Shares

Original Allocation

- Other than in a) below, 40 share were allocated for each Class C or D endorsement a Fishing Business was entitled to; and
- 10 shares were allocated for reach 10 tonnes of combined total weight of pilchard, anchovy, sandy sprat (whitebait), blue mackerel, jack mackerel, yellowtail, silver trevally, bonito, sweep and Australian salmon taken by the purse seine method as indicated in the validated catch history of the fishing business, up to a maximum of 500 shares.
- a) 20 shares only were allocated where a fishing business has a restricted fishery review panel allocated endorsement and that fishing business did not satisfy the transfer criteria in place at the time.

Independent review report comment on allocation of purse seine shares.

- One anomaly in this criteria appears to be the maximum cap placed on the allocation of purse seine shares, which means the small number of large purse seine operators will have received relatively fewer shares compared to their past catches than the smaller purse seine operators.

Independent Review Suggestion

- Issue: Seemingly intractable issue regarding the distortion between catch history and share allocation (arising from arbitrary decision by government).
- Linkage: Quota, subject to cost benefit analysis
- Suggestion: May be possible to arrive at an agreed allocation of quota through compromise/negotiation, addressing the equity issues within the fishery.

Simple days model example

Simple days analysis

- Average number of days calculated from 2002/03 to 2008/09 = 1350 days.
- Total number of shares = 1980
- $1350/1980=0.68$
- So 40 shares = 27.2 days

Simple Quota example

- Australian Salmon
 - 2002/03 to 2008/09 average 636 tonnes per year.
 - $636000 / 1980 \text{ shares} = 321 \text{ kg per share}$
 - $40 \text{ shares} = 12870 \text{ kg}$

- Pilchard
 - 2002/03 to 2008/09 average 1278 tonnes per year
 - $1278000 / 1980 \text{ shares} = 645 \text{ kg per share}$
 - $40 \text{ shares} = 25818 \text{ kg}$

Simple Quota example

- Blue Mackerel
 - 2002/03 to 2008/09 average 435 tonnes per year
 - $435000 / 1980 \text{ shares} = 219 \text{ kg per share}$
 - $40 \text{ shares} = 8760\text{kg}$

- Yellowtail scad
 - 2002/03 to 2008/09 average 274 tonnes per year
 - $274000 / 1980 \text{ shares} = 138 \text{ kg per share}$
 - $40 \text{ shares} = 5535 \text{ kg}$

Review Existing management issues / controls.....

- Closures
- Boat licensing
 - overall need under different management scenarios
 - max fishery length
- Net registrations
 - relevance
 - would require tidying up of gear description

Short list of linkage options

- For next meeting DPI can:
 - Design one or more schemes
 - Identify issues requiring further WG discussion
 - Provide information on relative costs etc
- Need 'short list' from the Working Group...