

Australian fisheries statistics 2007

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Profile of Australian fisheries in 2007

Commonwealth

fishery	main fishing area	species	method	number
Northern prawn	Gulf of Carpentaria from Cape York to Cape Londonderry	banana, tiger, endeavour and king prawn	otter trawling	5 permits (carrier boats) 52 boat SFRs
Torres Strait a	Torres Strait waters	prawn, rock lobster, spanish mackerel, pearl shell, trochus shell, and reef fish, Beche-de-mer, crab	otter trawl, troll and dive	23 lobster 13 mackerel 17 pearl shell 61 prawn 0 Beche-de-mer 0 trochus 0 crab 6 reef line o net
South east trawl	Commonwealth waters from Barrenjoey Point, NSW, around Tasmania to Cape Jervis, SA	mixed fish species particularly orange roughy, ling, blue grenadier, flathead, and warehou	otter trawl and Danish seine	59 boat SFRs
Gillnet, hook and trap	Commonwealth waters off south Queensland, NSW, Victoria, Tasmania and SA	mixed fish species particularly pink ling, blue eye trevalla and gummy shark	demersal gillnet, demersal longline, dropline, trotline, trap and purse seine	58 scalefish hook SFRs 62 gillnet boat SFRs 42 permits
Great Australian Bight	Commonwealth waters between Cape Leeuwin, WA and Kangaroo Island, SA	deepwater flathead, orange roughy and bight redfish	demersal otter, and limited midwater trawl	11 SFRs
Southern bluefin tuna	Commonwealth waters especially the southern and south-eastern parts of the AFZ	southern bluefin tuna	purse seining, pole and line, longline and trolling	41 permits 138 SFRs
Eastern tuna and	Commonwealth waters off	yellowfin, bigeye, skipjack	pelagic longline, purse	172 permits

billfish	Queensland NSW, Victoria and Tasmania from Cape York to the SA/Victoria border	and albacore tuna, and billfish species	seine, pole, trolling, rod and reel, and handline	
Southern and western tuna and billfish	Commonwealth waters from Cape York around northern Australia to the SA/Victorian border	yellowfin, bigeye, skipjack and albacore tuna, and some billfish species	pole and line, purse seine, pelagic longline, troll, rod and reel and handline	96 permits
Bass Strait scallop	Commonwealth waters off SA, Victoria and Tasmania	scallop	dredge	153 boat SFRs
Small pelagics	Commonwealth waters purse seine, midwater from north of the NSW/Queensland border along southern Australia to near Perth, WA	greenback, yellowtail and Peruvian jack mackerel	purse seine and midwater trawl	74 permits
Southern squid	Commonwealth waters off SA, Victoria, NSW squid Tasmania and southern Queensland	arrow or gould's	jig machine	70 certificates
Sub Antarctic	Heard and McDonald Islands	Patagonian toothfish, mackerel icefish	trawl (demersal and midwater), longlining and trial pot fishing demersal trawl	5 certificates
Western deepwater trawl	Macquarie Island Commonwealth waters off WA	Patagonian toothfish mixed fish species	otter trawl	11 permits
North-west slope	Commonwealth waters off the northern parts of WA	scampi	otter trawl	7 permits
Coral Sea	Commonwealth waters, from Sandy Cape to Cape York	reef fish, trochus, lobster, aquarium fish, sea cucumber	otter trawl, handlines, diving, seine nets	18 permits
South Tasman rise	high seas adjacent to AFZ, south of Tasmania	orange roughy, oreo dory	deepwater demersal trawling	15 permits

a Number of Commercial Fishing Boat (TVH) licences held in each Torres Strait fishery. Source: Australian Fisheries Management Authority.

New South Wales

fishery	species	method	number
Abalone	blacklip abalone	diving	48 licence holders
Rock lobster	eastern rock lobster	traps	151 licence holders
Ocean prawn trawl	eastern king, school whiting and octopus	trawling	306 licence holders
Ocean trap and line	spanner crabs, snapper and bonito	fish traps, dropline, longline, spanner crab nets	504 licence holders
Ocean haul	sea mullet, blue mackerel and yellowtail	purse seine and haul (seine) nets	318 licence holders
Ocean fish trawl	tiger and sand flathead, silver trevally and fiddler ray	trawling	98 fishing licences
Estuary prawn trawl	school prawns, squid	trawling	216 licence holders
Estuary general	sea mullet, luderick prawns and pippis	mesh and haul, nets, hand gathering	685 licence holders
Inland	yabbies and carp	traps and gillnets	26 licence holders
Sea urchin and turban shell	sea urchin and turban shell	diving	37 licence holders
Aquaculture	prawns	pond culturing	12 licence holders
	yabbies	ponds and farm dams	115 licence holders
	oysters	rack tray and stick	holders
	silver perch	pond	348 licence holders
	trout	ponds and raceway	holders
	snapper	ponds	116 licence holders

holders
28 licence holders
12 licence holders

Sources: New South Wales Department of Primary Industries; ABARE.

Victoria

fishery	species	method	number
Abalone	greenlip, blacklip	diving	71 licence holders
Scallops	scallops	dredging	91 licence holders
Bay and inlet	mixed fish species	various	97 licence holders
Rock lobster	southern rock lobster	pots	132 licence holders 7 245 pots
Giant crab	giant crab	pots	35 licence holders
Inshore trawl	mixed fish species	trawling	60 licence holders
Ocean (general)	mixed fish species	various	287 licence holders
Aquaculture	abalone	flow-through systems	18 licence holders
	freshwater eels	recirculation units and cultured waters	17 licence holders
	mussels	longlines	47 licence holders
	ornamental fish	recirculation units and ponds	8 licence holders
	yabbies	recirculation units, ponds and farm dams	23 licence holders
	salomoids	recirculation units and raceways	24 licence holders
	warmwater finfish	recirculation units, flow through systems and ponds	33 licence holders
	other		6 licence holders

Sources: Victorian Department of Primary Industries; ABARE.

Queensland

fishery	species	method	number
East coast trawl	tiger, banana, red spot king, endeavour, eastern king, 'bay' prawns, scallops, 'bugs' and trawl whiting	otter trawl	441 licence holders
River and estuary trawl	banana, 'bay' and tiger prawns	beam	142 licence holders
Gulf of Carpentaria inshore	barramundi, king and blue threadfin, tropical shark, grey mackerel	set (gill) net	87 licence holders
East coast net inshore (mainly tropical)	barramundi, king and blue threadfin, tropical shark, grey mackerel	set (gill) net	187 licence holders (north of Baffle Creek)
East coast net inshore (mainly subtropical)	barramundi, king and blue threadfin, tropical shark, grey mackerel, mullet, tailor, bream, whiting	seine and some net	258 licence holders (south of Baffle Creek)
Line (handline)	coral trout, red throat emperor	handline	370 licence holders
Line (trolling)	spanish, mackerel	trolling	256 licence holders
Crab – estuary	mud and blue swimmer	pot	780 licence holders
Crab – oceanic	spanner crabs		240 licence holders
Aquaculture a	prawns	pond culture	61 development approvals
	barramundi	pond and cage culture	129 development approvals
	oysters	rack and stick culture	114 development approvals
	redclaw	ponds	204 development approvals
	freshwater fish	ponds and tanks	165 development approvals
	eels	ponds and tanks	39 development

a Queensland's Department of Primary Industries and Fisheries has recently changed aquaculture approvals in Queensland from an aquaculture licence to a development approval. During this process, species may be added to permits because of a new species grouping arrangement for licensing. Freshwater fish now includes 13 species – including barramundi. Barramundi has been kept separate as some farming is based on marine production systems. Freshwater fish now includes silver perch, jade perch, Murray cod and eels.
Sources: Queensland Department of Primary Industries; ABARE.

Western Australia

fishery	species	method	number
West coast rock lobster	western rock lobster	pots	493 boats and 56 499 pots
Abalone	greenlip, brownlip and roe's abalone	diving	27 licence holders
Shark Bay prawn	king, tiger and endeavour prawns, scallops	trawling	27 licence holders
Exmouth prawn	king, tiger and endeavour prawns	trawling	12 licence holders
Nickol Bay prawn	king and banana prawns	trawling	14 licence holders
Shark Bay scallops	scallops	trawling	41 licence holders (27 prawn boats and 14 scallop boats)
Aquaculture	pearls yabbies marron mussels	longlines ponds and farm dams ponds and farm dams longlines	

Sources: Western Australian Fisheries; ABARE.

South Australia

fishery	species	method	number
Southern zone rock lobster	southern rock lobster	pots	181 licence holders
Northern zone rock lobster	southern rock lobster	pots	68 licence holders
Western zone abalone	greenlip, blacklip abalone	diving	23 licence holders
Southern zone abalone	greenlip, blacklip abalone	diving	6 licence holders
Central zone abalone	greenlip, blacklip abalone	diving	6 licence holders
Blue crab	blue crab	pots	9 licence holders
West coast prawn	western king prawn	trawling	3 licence holders
Spencer Gulf prawn	western king prawn	trawling	39 licence holders
Gulf St Vincent prawn	western king prawn	trawling	10 licence holders
Marine scalefish	various finfish, crustaceans, molluscs	netting, line fishing, handlines and traps	344 licence holders
Restricted marine scalefish	various finfish, crustaceans, molluscs	netting, line fishing, handlines and traps	13 licence holders
Miscellaneous	various finfish, crustaceans, molluscs, worms	traps, diving, etc	21 licence holders
Lakes and Coorong	freshwater finfish, marine finfish, molluscs	netting, line fishing, handlines	36 licence holders
River fishery	freshwater finfish, crustaceans	netting, pots	6 licence holders
Aquaculture	yabbies marron	ponds and farm dams ponds and farm dams	102 licences 80 licences

oysters	contained racks and longlines	342 licences
southern bluefin tuna	sea cages	39 licences
barramundi	ponds, dams and recirculation system	30 licences
murray cod	ponds, dams and recirculation system	33 licences
abalone	sea cages, contained longlines, contained benthic structures and uncontained benthic structures	50 licences
gold and silver perch	ponds, dams and recirculation system	50 licences
scallops	contained and uncontained longlines	36 licences
yellowtail king fish	sea cages	36 licences

Sources: South Australian Research and Development Institute; Department of Primary Industries and Resources, South Australia; ABARE.

Tasmania

fishery	species	method	number
Abalone	blacklip and greenlip abalone	diving	121 licence holders
Rock lobster	southern rock lobster	pots	312 licence holders
Giant crab	giant crab	pots	88 licence holders
Scallop	commercial queen doughboy	dredging	78 licence holders
Scalefish	various	netting/ hooks	551 licence holders
Aquaculture	Atlantic salmon	cage culture farming	44 licence holders
	Pacific oysters	rack and stick	116 licence holders
	mussels	longlines	34 licence holders
	rainbow trout	sea cages	19 licence holders
	scallops		16 licence holders
	abalone	sea cages and land based tanks	41 licence holders

Sources: Tasmanian Department of Primary Industries and Water; ABARE.

Northern Territory

fishery	species	method	number
Coastal	finfish and bait	line, net and trap	72 licence holders
Offshore	mackerel, shark and reef	trolling, hand and longline net, trap and trawling	108 licence holders
Barramundi	barramundi and threadfin	gillnet	24 licence holders
Mud crab	mud crab	crab pots	49 licence holders
Other	molluscs, oyster, trepang, squid and aquarium	hand harvest, jigging and a variety of other methods	33 licence holders
Aquaculture	pearls		7 licence holders
	prawns		9 licence holders
	barramundi		6 licence holders