

Table 1.3 Biological stock status of all stocks assessed in 2018, and their status since 2004

Fishery	Common name (scientific name)	Status															
		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
		Fishing mortality Biomass															
Stocks in fisheries managed solely by the Australian Government																	
Bass Strait Central Zone Scallop Fishery	Commercial scallop (<i>Pecten fumatus</i>)																
Coral Sea Fishery: Sea Cucumber Sector	Black teatfish (<i>Holothuria whitmaei</i>)																
Coral Sea Fishery: Sea Cucumber Sector	Prickly redfish (<i>Thelenota ananas</i>)																
Coral Sea Fishery: Sea Cucumber Sector	Surf redfish (<i>Actinopyga mauritiana</i>)																
Coral Sea Fishery: Sea Cucumber Sector	White teatfish (<i>Holothuria fuscogilva</i>)																
Coral Sea Fishery: Sea Cucumber Sector	Other sea cucumber species (~11 species)																
Coral Sea Fishery: Aquarium Sector	Multiple species																
Coral Sea Fishery: Lobster and Trochus Sector	Tropical rock lobster (<i>Panulirus ornatus</i> , possibly other species)																
Coral Sea Fishery: Line and Trap Sector	Mixed reef fish and sharks																
Coral Sea Fishery: Trawl and Trap Sector	Numerous fish, shark and crustacean species																
Northern Prawn Fishery	Redleg banana prawn (<i>Fenneropenaeus indicus</i>)																
Northern Prawn Fishery	White banana prawn (<i>Fenneropenaeus merguiensis</i>)																

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		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
		Fishing mortality Biomass															
Northern Prawn Fishery	Brown tiger prawn (<i>Penaeus esculentus</i>)	Green															
Northern Prawn Fishery	Grooved tiger prawn (<i>Penaeus semisulcatus</i>)	Green															
Northern Prawn Fishery	Blue endeavour prawn (<i>Metapenaeus endeavouri</i>)	Yellow	Yellow	Yellow	Yellow	Yellow	Green										
Northern Prawn Fishery	Red endeavour prawn (<i>Metapenaeus ensis</i>)	Yellow															
North West Slope Trawl Fishery	Scampi (<i>Metanephrops australiensis</i> , <i>M. boschmai</i> , <i>M. velutinus</i>)	Yellow	Yellow	Yellow	Yellow	Yellow	Green										
Small Pelagic Fishery	Australian sardine (<i>Sardinops sagax</i>)	Grey	Grey	Grey	Grey	Grey	Green										
Small Pelagic Fishery	Blue mackerel, east (<i>Scomber australasicus</i>)	Grey	Green														
Small Pelagic Fishery	Blue mackerel, west (<i>Scomber australasicus</i>)	Grey	Green														
Small Pelagic Fishery	Jack mackerel, east (<i>Trachurus declivis</i>)	Yellow	Yellow	Yellow	Yellow	Yellow	Green										
Small Pelagic Fishery	Jack mackerel, west (<i>Trachurus declivis</i>)	Yellow	Yellow	Yellow	Yellow	Yellow	Green										
Small Pelagic Fishery	Redbait, east (<i>Emmelichthys nitidus</i>)	Yellow	Yellow	Yellow	Yellow	Yellow	Green										
Small Pelagic Fishery	Redbait, west (<i>Emmelichthys nitidus</i>)	Yellow															

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Fishery	Common name (scientific name)	Status															
		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
		Fishing mortality Biomass															
SESSF: Commonwealth Trawl and Scalefish Hook sectors	Blue-eye trevalla (<i>Hyperoglyphe antarctica</i>)	Yellow	Green														
SESSF: Commonwealth Trawl and Scalefish Hook sectors	Blue grenadier (<i>Macruronus novaezelandiae</i>)	Yellow	Green														
SESSF: Commonwealth Trawl and Scalefish Hook sectors	Blue warehou (<i>Seriolella brama</i>)	Red															
SESSF: Commonwealth Trawl Sector	Deepwater sharks, eastern zone (18 species)	Grey	Green														
SESSF: Commonwealth Trawl Sector	Deepwater sharks, western zone (18 species)	Grey	Green														
SESSF: Commonwealth Trawl Sector	Eastern school whiting (<i>Sillago flindersi</i>)	Yellow	Green														
SESSF: Commonwealth Trawl Sector	Flathead (<i>Neoplatycephalus richardsoni</i> and 4 other species)	Yellow	Green														
SESSF: Commonwealth Trawl and Scalefish Hook sectors	Gemfish, eastern zone (<i>Rexea solandri</i>)	Red															
SESSF: Commonwealth Trawl and Scalefish Hook sectors	Gemfish, western zone (<i>Rexea solandri</i>)	Yellow	Green														
SESSF: Commonwealth Trawl and Scalefish Hook sectors	Gulper sharks (<i>Centrophorus harrissoni</i> , <i>C. moluccensis</i> , <i>C. zeehaani</i>)	Grey	Red														

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Fishery	Common name (scientific name)	Status															
		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
		Fishing mortality Biomass															
SESSF: Commonwealth Trawl and Scalefish Hook sectors	Jackass morwong (<i>Nemadactylus macropterus</i>)	Yellow	Green	Green	Yellow	Yellow	Red	Red	Red	Green							
SESSF: Commonwealth Trawl Sector	John dory (<i>Zeus faber</i>)	Yellow	Green	Green	Green	Yellow	Green										
SESSF: Commonwealth Trawl Sector	Mirror dory (<i>Zenopsis nebulosa</i>)	Green															
SESSF: Commonwealth Trawl Sector	Ocean jacket (<i>Nelusetta ayraud</i>)	Grey	Grey	Grey	Grey	Grey	Yellow	Green									
SESSF: Commonwealth Trawl and Scalefish Hook sectors	Ocean perch (<i>Helicolenus barathri, H. percoides</i>)	Yellow	Yellow	Yellow	Yellow	Green	Green	Yellow	Yellow	Yellow	Yellow	Green	Green	Yellow	Yellow	Green	
SESSF: Commonwealth Trawl Sector	Orange roughy, Cascade Plateau (<i>Hoplostethus atlanticus</i>)	Grey	Red	Green													
SESSF: Commonwealth Trawl Sector	Orange roughy, eastern zone (<i>Hoplostethus atlanticus</i>)	Red	Red	Red	Red	Red	Green	Red	Red	Red	Yellow	Yellow	Green	Green	Green	Green	
SESSF: Commonwealth Trawl Sector	Orange roughy, southern zone (<i>Hoplostethus atlanticus</i>)	Red	Red	Red	Red	Red	Green	Red									
SESSF: Commonwealth Trawl Sector	Orange roughy, western zone (<i>Hoplostethus atlanticus</i>)	Red	Red	Red	Red	Red	Green	Red									
SESSF: Commonwealth Trawl Sector	Oreodory: smooth, Cascade Plateau (<i>Pseudocyttus maculatus</i>)	Grey	Yellow	Green	Green	Yellow	Green										

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Fishery	Common name (scientific name)	Status															
		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
		Fishing mortality Biomass															
SESSF: Commonwealth Trawl Sector	Oreodory: smooth, non-Cascade Plateau (<i>Pseudocyttus maculatus</i>)																
SESSF: Commonwealth Trawl Sector	Oreodory: other (<i>Neocyttus rhomboidalis</i> , <i>Alloctytus niger</i> , <i>A. verrucosus</i>)																
SESSF: Commonwealth Trawl and Scalefish Hook sectors	Pink ling (<i>Genypterus blacodes</i>)																
SESSF: Commonwealth Trawl Sector	Redfish (<i>Centroberyx affinis</i>)																
SESSF: Commonwealth Trawl and Scalefish Hook sectors	Ribaldo (<i>Mora moro</i>)																
SESSF: Commonwealth Trawl Sector	Royal red prawn (<i>Haliporoides sibogae</i>)																
SESSF: Commonwealth Trawl and Scalefish Hook sectors	Silver trevally (<i>Pseudocaranx georgianus</i>)																
SESSF: Commonwealth Trawl Sector	Silver warehou (<i>Seriolella punctata</i>)																
SESSF: East Coast Deepwater Trawl Sector	Alfonsino (<i>Beryx splendens</i>)																
SESSF: Great Australian Bight Trawl Sector	Bight redfish (<i>Centroberyx gerrardi</i>)																

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Fishery	Common name (scientific name)	Status															
		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
		Fishing mortality Biomass															
SESSF: Great Australian Bight Trawl Sector	Deepwater flathead (<i>Neoplatycephalus conatus</i>)	Yellow	Yellow	Yellow	Green												
SESSF: Great Australian Bight Trawl Sector	Ocean jacket, west (<i>Nelusetta ayraud</i>)	Grey	Grey	Grey	Grey	Grey	Yellow	Green									
SESSF: Great Australian Bight Trawl Sector	Orange roughy (<i>Hoplostethus atlanticus</i>)	Yellow	Yellow	Yellow	Green	Yellow	Green	Yellow									
SESSF: Shark Gillnet and Shark Hook sectors	Elephantfish (<i>Callorhinchus milii</i>)	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green	Green	Green	Yellow	Green	Green	Green	Green	Green	
SESSF: Shark Gillnet and Shark Hook sectors	Gummy shark (<i>Mustelus antarcticus</i>)	Green															
SESSF: Shark Gillnet and Shark Hook sectors	Sawshark (<i>Pristiophorus cirratus</i> , <i>P. nudipinnis</i>)	Yellow	Green	Green	Green	Green	Green										
SESSF: Shark Gillnet and Shark Hook sectors	School shark (<i>Galeorhinus galeus</i>)	Red															
Southern Squid Jig Fishery	Gould's squid (<i>Nototodarus gouldi</i>)	Yellow	Yellow	Yellow	Yellow	Green											
Western Deepwater Trawl Fishery	Deepwater bugs (<i>Ibacus</i> spp.)	Yellow	Yellow	Green	Yellow												
Western Deepwater Trawl Fishery	Ruby snapper (<i>Etelis carbunculus</i>)	Yellow	Yellow	Green													
Macquarie Island Toothfish Fishery	Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Green															

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		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
		Fishing mortality Biomass															
Stocks in fisheries managed jointly by the Australian Government																	
South Tasman Rise Trawl Fishery	Orange roughy (<i>Hoplostethus atlanticus</i>)	Yellow	Yellow														
Torres Strait Finfish Fishery	Coral trout (<i>Plectropomus</i> spp., <i>Variola</i> spp.)	Grey	Grey	Grey	Yellow	Yellow	Yellow	Yellow	Green	Green							
Torres Strait Finfish Fishery	Spanish mackerel (<i>Scomberomorus commerson</i>)	Yellow	Yellow	Yellow	Green	Green											
Torres Strait Tropical Rock Lobster Fishery	Tropical rock lobster (<i>Panulirus ornatus</i>)	Yellow	Red	Red	Yellow	Green	Green										
Torres Strait Prawn Fishery	Brown tiger prawn (<i>Penaeus esculentus</i>)	Yellow	Green	Yellow	Yellow												
Torres Strait Prawn Fishery	Blue endeavour prawn (<i>Metapenaeus endeavouri</i>)	Yellow	Green	Yellow	Yellow												
Torres Strait Bêche-de-mer Fishery	Black teatfish (<i>Holothuria whitmaei</i>)	Green	Red	Red	Green	Yellow	Yellow	Yellow	Green	Green							
Torres Strait Bêche-de-mer Fishery	Prickly redfish (<i>Thelenota ananas</i>)	Grey	Grey	Grey	Yellow	Yellow	Yellow	Yellow	Green	Green							
Torres Strait Bêche-de-mer Fishery	Sandfish (<i>Holothuria scabra</i>)	Green	Red	Red	Green	Yellow	Yellow	Yellow	Red	Red	Red	Red	Red	Red	Yellow	Red	Red
Torres Strait Bêche-de-mer Fishery	White teatfish (<i>Holothuria fuscogilva</i>)	Grey	Grey	Grey	Yellow	Yellow	Yellow	Yellow	Green	Green							
Torres Strait Bêche-de-mer Fishery	Other sea cucumbers (up to 18 species)	Grey	Grey	Grey	Yellow	Yellow	Yellow	Yellow	Green	Yellow	Yellow						
Torres Strait Trochus Fishery	Trochus (<i>Trochus niloticus</i>)	Yellow	Green	Green	Green	Green	Green	Green	Yellow	Yellow	Yellow						
Eastern Tuna and Billfish Fishery	Striped marlin (<i>Kajikia audax</i>)	Yellow	Yellow														

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		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
		Fishing mortality Biomass															
Eastern Tuna and Billfish Fishery	Swordfish (<i>Xiphias gladius</i>)	Yellow	Yellow	Yellow	Yellow	Yellow	Green										
Eastern Tuna and Billfish Fishery	Albacore (<i>Thunnus alalunga</i>)	Green															
Eastern Tuna and Billfish Fishery	Bigeye tuna (<i>Thunnus obesus</i>)	Red															
Eastern Tuna and Billfish Fishery	Yellowfin tuna (<i>Thunnus albacares</i>)	Green	Red	Red	Red	Red	Green										
Skipjack Tuna Fishery: Pacific Ocean	Skipjack tuna (<i>Katsuwonus pelamis</i>)	Green															
Skipjack Tuna Fishery: Indian Ocean	Skipjack tuna (<i>Katsuwonus pelamis</i>)	Green	Green	Green	Green	Green	Green	Yellow	Yellow	Green							
Southern Bluefin Tuna Fishery	Southern bluefin tuna (<i>Thunnus maccoyii</i>)	Red															
Western Tuna and Billfish Fishery	Striped marlin (<i>Kajikia audax</i>)	Grey	Grey	Yellow													
Western Tuna and Billfish Fishery	Swordfish (<i>Xiphias gladius</i>)	Yellow	Yellow	Yellow	Red	Red	Green	Red	Yellow	Green							
Western Tuna and Billfish Fishery	Albacore (<i>Thunnus alalunga</i>)	Green	Green	Yellow	Yellow	Green	Green	Green	Yellow	Red	Red	Red	Green	Green	Green	Green	
Western Tuna and Billfish Fishery	Bigeye tuna (<i>Thunnus obesus</i>)	Red	Red	Yellow	Yellow	Yellow	Green										
Western Tuna and Billfish Fishery	Yellowfin tuna (<i>Thunnus albacares</i>)	Yellow	Red	Yellow	Red	Red	Red	Red	Green								
Heard Island and McDonald Islands Fishery	Mackerel icefish (<i>Champsocephalus gunnari</i>)	Yellow	Green														
Heard Island and McDonald Islands Fishery	Patagonian toothfish (<i>Dissostichus eleginoides</i>)	Yellow	Yellow	Green													

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