

Senate Standing Committee on Environment and Communications
Legislation Committee
Answers to questions on notice
Environment and Energy portfolio

Question No: 339
Hearing: Supplementary Budget Estimates
Outcome: Agency
Program: Director of National Parks (DNP)
Topic: Commonwealth Marine Reserves Review – Gross Value of Product
Hansard Page: n/a
Question Date: 01 November 2016
Question Type: Written

Senator Urquhart, Anne asked:

Specifically – do you know what the GVP returned (the difference in GVP impact between the 2013 zoning and the Review's recommendations) would be to the following fisheries, and what are those figures?

- the Eastern Tuna and Billfish Fishery (ETBF) from the reductions proposed to the 2013 Marine National Park Zoning in the Coral Sea marine reserve?
- the South Coast Trawl Fishery from the reductions proposed to the 2013 MNPZ in the Bremer marine reserve?
- the ETBF from reductions proposed to the MNPZ in the Lord Howe Marine Reserve at Middleton Reef?
- the WA Temperate Gillnet Fishery and Southern Rock Lobster Fishery from the reductions proposed to the 2013 MNPZ in the Twilight marine reserve?

Answer:

- The Gross Value of Product (GVP) displacement for the Eastern Tuna and Billfish Fishery (ETBF) in the Coral Sea marine reserve zoned, as per the 2012 proclamation, was estimated at \$2,914,000 and the Bioregional Advisory Panel report recommended zoning results in a GVP displacement estimated at \$482,100.¹ The returned GVP is estimated at \$2,431,900.
- The GVP displacement for the South Coast Trawl Fishery in the Bremer Commonwealth marine reserve zoned, as per the 2012 proclamation, was estimated at \$1,500 and the Bioregional Advisory Panel report recommended zoning results in a GVP displacement estimated at \$1,000.¹ The returned GVP is estimated at \$500.
- The GVP displacement for the South Coast Trawl Fishery (ETBF) in the Lord Howe Commonwealth Marine Reserve at Middleton Reef, as per the 2012 proclamation was estimated at \$14,700 and the Bioregional Advisory Panel report recommended zoning results in a GVP displacement estimated at \$2,300.¹ The returned GVP is estimated at \$12,400.
- The GVP displacement for the WA Temperate Gillnet Fishery (i.e. Southern Demersal Gillnet and Longline Fishery) in the Twilight Commonwealth Marine Reserve, as per the 2012 proclamation was estimated at \$141,900 and Bioregional Advisory Panel report recommended zoning results in a GVP displacement estimated at \$80,300.¹ The returned GVP is estimated at \$61,600.

- The GVP displacement for the Southern Rock Lobster Fishery in the Twilight Commonwealth Marine Reserve, as per the 2012 proclamation, was estimated at \$111,500 and the Bioregional Advisory Panel report recommended zoning results in a GVP displacement estimated at \$91,100.¹ The returned GVP is estimated at \$20,400.

Table 1: Estimates of GVP displacement for selected fisheries and Commonwealth Marine Reserves¹

Commonwealth Marine Reserve	Fishery	Proclaimed network	Panel-recommended network	Difference
Coral Sea CMR	Eastern Tuna and Billfish Fishery	\$2,914,000	\$482,100	\$2,431,900
Bremer CMR	South Coast Trawl Fishery	\$1500	\$1000	\$500
Lord Howe CMR at Middleton Reef	Eastern Tuna and Billfish Fishery	\$14,700	\$2,300	\$12,400
Twilight CMR	WA Temperate Gillnet Fishery	\$141,900	\$80,300	\$61,600
Twilight CMR	WA Southern Rock Lobster Fishery	\$111,500	\$91,100	\$20,400

Table 1 provides a summary of the answers above.

Note—that in considering these figures it is important to consider the methodology and assumptions outlined by the Australian Bureau of Agricultural and Resources Economics and Sciences (ABARES) in the ABARES publication '[Commercial Fishing Displacement under the Panel Recommended Commonwealth Marine Reserve Zoning Scheme](#)'. In particular it is important to note that the figures provided are not inclusive of confidential fishing data. The data in the ABARES report has been filtered for confidentiality based on the three or five boat rule as appropriate. The ABARES report provides an assessment of the Panel's final recommended internal zoning and permitted activities ('the Panel-recommended network'), with comparisons made to the network proclaimed in November 2012 ('the proclaimed network').

¹ Larcombe, J & Marton, N 2016, Commercial fishing displacement under the Panel-recommended Commonwealth marine reserve zoning scheme: Appendix A (unpublished version) ABARES technical report to client prepared for the Department of the Environment, Canberra, February. CC BY 3.0.