

Golden tilefish projected OFL and ABC (in mt) levels and associated fishing mortalities for 2022-2024.

Scenario 1	100% CV						projection probability			
	year	OFL	ABC	SSB/SSB _{MSY}	ABC/OFL	p*	CV	F	overfishing	overfished
	2022	1,011	867	0.95	0.86	0.43	100%	0.22	0.28	0.02
	2023	1,013	917	1.03	0.91	0.45	100%	0.24	0.35	0.01
	2024	975	890	1.08	0.91	0.46	100%	0.24	0.38	0.01
	avg	1,000	891	1.02	0.89	0.45		0.23	0.34	0.01
Scenario 2	891 constant avg 100% CV						projection probability			
	year	OFL	ABC	SSB/SSB _{MSY}	ABC/OFL	p*	CV	F	overfishing	overfished
	2022	1,011	891	0.95	0.88	0.44	100%	0.23	0.32	0.02
	2023	1,010	891	1.03	0.88	0.44	100%	0.23	0.32	0.01
	2024	976	891	1.08	0.91	0.46	100%	0.24	0.38	0.01
	avg	999	891	1.02	0.89	0.45		0.23	0.34	0.01
Scenario 3	5 year 100% CV						projection probability			
	year	OFL	ABC	SSB/SSB _{MSY}	ABC/OFL	p*	CV	F	overfishing	overfished
	2022	1,011	867	0.95	0.86	0.43	100%	0.22	0.28	0.02
	2023	1,013	917	1.03	0.91	0.45	100%	0.24	0.35	0.01
	2024	975	890	1.08	0.91	0.46	100%	0.24	0.38	0.01
	2025	959	872	1.06	0.91	0.45	100%	0.24	0.36	0.01
	2026	971	882	1.05	0.91	0.45	100%	0.24	0.35	0.01
	avg	986	886	1.03	0.90	0.45		0.23	0.34	0.01
Scenario 4	SSB _{MSY} constant 100% CV						projection probability			
	year	OFL	ABC	SSB/SSB _{MSY}	ABC/OFL	p*	CV	F	overfishing	overfished
	2022	935	842	1.00	0.90	0.45	100%	0.22	0.25	0.02
	2023	935	842	1.00	0.90	0.45	100%	0.21	0.25	0.01
	2024	935	842	1.00	0.90	0.45	100%	0.22	0.30	0.01
	avg	935	842	1.00	0.90	0.45		0.22	0.26	0.01
Scenario 5	742 constant status quo 100% CV						projection probability			
	year	OFL	ABC	SSB/SSB _{MSY}	ABC/OFL	p*	CV	F	overfishing	overfished
	2022	1,011	742	0.95	0.73	0.36	100%	0.19	0.11	0.02
	2023	1,031	742	1.05	0.72	0.35	100%	0.18	0.11	0.01
	2024	1,012	742	1.11	0.73	0.36	100%	0.19	0.13	0.00
	avg	1,018	742	1.04	0.73	0.35		0.19	0.12	0.01

Source: Paul Nitschke, Personal Communication. 2021b. Note: The approach used to specify biomass projections assumes that the ABC was caught in the preceding year. The OFL and ABC in the current year is then updated based on the assumed catch. Scenarios 3 and 4 were developed for reference and comparison purposes only as they do not comply with the Council's risk policy and/or the maximum number of years allowed for multi-year specifications setting. Scenarios 2 and 5 are based on constant catch projections and not from an ABC determination from the OFL. Scenario 4 is not based on projections; it is based on a biomass at SSB_{MSY} and simply assumes a constant ABC.