

Risk of Overexploitation				Hogfish (FLK/EFL)				
Biological Attributes	High (1)	Medium (2)	Low (3)	Notes	Default Score	AP Score	SSC Score	Council Score
Estimated natural mortality (M)	M ≤ 0.20	0.20-0.40	M ≥ 0.4	(SEDAR 94 DW) Natural mortality-at-age scaled to age 3 with max age of 23 years, M = 0.235	2			
Age at maturity	≥ 4 years	2-4 years	≤ 2 years	(SEDAR 94 DW) Age at 50% maturity: 1.09 - 2.08 years - protogynous hermaphroditism; age at transition ranges from 1-11 years and is socially mediated	3			
Final Biological Score					2.5	#DIV/0!	#DIV/0!	#DIV/0!
Human Dimension Attributes	High (1)	Medium (2)	Low (3)	Notes	Default Score	AP Score	SSC Score	Council Score
Ability to regulate fishery	fishery consistently exceeds Total ACL (ex. 3+ out of 5 years) and/or exceeds Total ACL by more than 15%	fishery mostly kept below Total ACL (ex. Exceeds ACL 1-2 out of 5 years) and/or does not exceed ACL by more than 15%	fishery consistently kept below Total ACL	Neither sector ACL exceeded from 2020-2025 (source: SERO ACL monitoring page)	3			
Potential for discard losses	Dead discards are a significant proportion of the total catch (> 40%)	Dead discards are a moderate proportion of the total catch (20%-40%)	Dead discards very small component of total catch (< 20%)	Commercial: exclusion of commercial discard data due to high uncertainty and low sample size, and industry input about low levels of discards (SEDAR 94 DW) Recreational: Hook-and-line: 28.4% Spear: 5.4% FL-SRFS estimates of landings + discards (SEDAR 94 DW)	2			
Annual Commercial value	> 10% total annual revenue	Between 1% and 10% of total annual revenue	< 1% total annual revenue	(SEFSC Logbook Data 2018-2022) Avg % Annual Revenue: 3% Avg % Trip Revenue: 13%	2			
	> 40% of total trip revenue, on average	Between 10% and 40% of total trip revenue, on average	< 10% total trip revenue, on average		2			
Recreational desirability	> 5% trips report targeting this species	Between 1% and 5% of trips report targeting this species	< 1% trips report targeting this species	Hook & Line: 0.37% Spear: 23% Total: 0.76%	3			
Social concerns	>13 communities highly reliant on this species	7-13 communities highly reliant on this species	<7 communities highly reliant on this species	Use fishery performance report information				
Final Human Dimension Score					2.40	#DIV/0!	#DIV/0!	#DIV/0!
Environmental Attributes	High (1)			Notes	Default Score	AP Score	SSC Score	Council Score
Ecosystem importance	Does this species significantly affect other species, e.g. as a keystone predator, primary prey, habitat builder etc.?							
Climate change	Is this species likely to experience/be experiencing negative stock impacts due to climate change?							
Other Environmental Variables	Are other environmental variables causing negative effects on this stock, e.g. in the form of regime shifts, recruitment failure, etc.?							
Final Environmental Score					0	0	0	0
Final Risk Score					2.450 Low	#DIV/0!	#DIV/0!	#DIV/0!