

SEDAR	SSB total (body wt at age)	SSB female (body wt at age)	Batch or annual fecundity (at age)	Gonad wt (at age)	repro... fecundity and spawning frequency (as constant) available?	comment
Atl red porgy	1	X			yes	
Atl black seabass	2	X				
Gulf and Atl yellow-tail snapper	3			X		
Atl snowy grouper	4	X				
Atl tilefish	4		X			
Gulf and Atl king mackerel	5		X			determ based fecundity
Gulf and Atl goliath grouper	6		X			
Gulf and Atl hogfish	6		X			determ based fecundity was used in some projections
Gulf red snapper	7		X		yes	
Carrib yellow tail snapper	8		X			difficult to confirm form of reproductive potential
Gulf vermilion snapper	9		X		yes	
Gulf gray snapper	9		X		yes	
Gulf greater amberjack	9		X		yes	
Atl gag	10	X			yes	
Gulf gag	10		X		yes	
HMS Gulf and Atl sandbar shark	11		X			
HMS Atl blacktip shark	11		X			
HMS Gulf blacktip shark	11		X			
Gulf red grouper	12			X	yes	
HMS Atl sharpnose shark	13		X			
HMS blacknose shark	13		X			
HMS Bonnethead shark	13		X			
HMS finetooth shark	13		X			
Carrib mutton snapper	14					No reproductive potential or reproduction based benchmark applied
Carrib yellowfin grouper	14					No reproductive potential or reproduction based benchmark applied
Atl red snapper	15		X			
Atl greater amberjack	15		X		yes	
Atl and Gulf mutton snapper	15A		X			
Atl and Gulf king mackerel	16		X		yes	
Atl vermilion snapper	17		X		yes	
Atl Spanish mackerel	17		X		yes	
Atl red drum	18		X		yes	
Atl and Gulf black grouper	19	X			yes	
Atl red grouper	19	X			yes	
Atl menhaden	20		X			determ based fecundity
Atl croaker	20		X		yes	
HMS sandbar shark	21		X			
HMS dusky shark	21		X			
HMS blacknose shark	21		X			
Gulf yellowedge grouper	22	X				
Gulf tilefish	22			X		
Gulf and Atl goliath grouper	23		X			
Atl red snapper	24			X		
Atl black seabass	25			X	yes	
Atl tilefish	25			X	yes	
Carrib queen snapper	26					No reproductive potential or reproduction based benchmark applied
Carrib silk snapper	26					No reproductive potential or reproduction based benchmark applied
Carrib redtail parrotfish	26					No reproductive potential or reproduction based benchmark applied
Gulf menhaden	27		X			determ based fecundity
Gulf cobia	28		X		yes	
Atl cobia	28		X			
Gulf Spanish mackerel	28		X			
Atl Spanish mackerel	28		X			
HMS Gulf blacktip shark	29		X			
Carrib blue tang	30					No reproductive potential or reproduction based benchmark applied

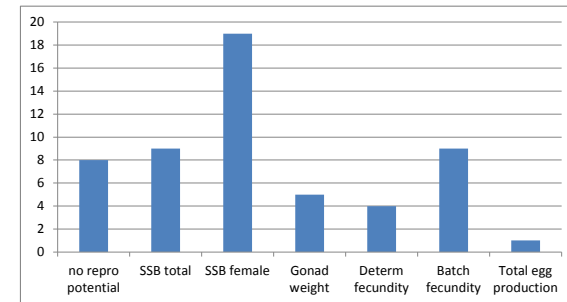
Data available for 69 SEDAR assessments

13 sharks, 56 finfish

Any errors in interpretation are mine. GF.

Of finfish...

no repro potential	8
SSB total	9
SSB female	19
Gonad weight	5
Determ fecundity	4
Batch fecundity	9
Total egg production	1



Carrib ocean triggerfish	30				No reproductive potential or reproduction based benchmark applied
Gulf red snapper	31		X		full TEP model used accounting for seasonality and SF by age/size
Atl blueline tilefish	32	X		yes	BF and SF - some data by age
Atl gray triggerfish	32				removed from SEDAR due to aging issue
Gulf menhaden	32A		X		determ based fecundity
Gulf gag grouper	33		X	yes	full TEP model developed but never presented during assessment
Gulf greater amberjack	33		X		Batch fecundity available but limited for Gulf
HMS Atl sharpnose shark	34		X		
HMS bonnethead shark	34		X		
Carrib red hind	35				No reproductive potential or reproduction based benchmark applied
Atl snowy grouper	36	X			
Gulf and Atl hogfish	37	X			assessed by FL FWC
Gulf king mackerel	38		X	yes	note some SSB projections in metric tonnes
Atl king mackerel	38		X	yes	note some SSB projections in metric tonnes