

Functional Indicator Ranking Results							
Healthy Reefs for Healthy People							
Indicator	Overall Indicator Ranking				Caveats/ Limitations	Data gaps	Comments
	Ecological relevance	Feasibility	Limitations	Responsiveness			
% Bioeroded	Moderate	Low	Low	N/A	Severe research gap	Too little known about taxa and internal v. external bioeroders	Potentially a proxy for eutrophication and degradation. Limit: Research Gaps. Has promise; seek funding
Coral Settlement	High	Moderate	High	High	Location and species specific; some of the best reef builders may broadcast over large distances		Large parrotfish promote CCA and settlement; lower w/ macroalgae; need larvae & propensity for settlement
Coral Recruits (4 cm)	High	High	High	High	Location and species specific; need to sample often		Intact trophic structure increases recruitment
Coral size frequency	High	High	High	High	Location and species specific		
Fish Settlement	High	Low	High	Moderate	Species specific methods; need for expertise	MAR baseline	Time & work intensive; F(x) of larval supply
Fish recruits	High	Moderate	High	High	Species specific methods; need for expertise	MAR baseline; need to standardize sizes	Time & work intensive; Possible freq. trends in recruitment
Fish size freq.	High	High	High	High		MAR baseline	Possible freq. trends in recruitment
% Recent dead	High	High	Moderate	Moderate	Separate from Old dead		
% Old dead	High	High	Moderate	Moderate			
% Standing dead	High	High	High	Low	Habitat specific		Can be good (adds rugosity and habitat)
Size Frequency	High	High	Moderate	Moderate	Locally and species dependent; data interpretation		
Disease	High	High	Moderate	gap	Diff. between incidence and prevalence		
Bleaching	High	High	Moderate	Low	Locally and species dependent; tied to GCC	LD50 for species and MAR; importance of repeat bleaching; % tolerant species	
Predation	Low	High	High	varies			
Fish bites & herb. size	High	High	High	High	Habitat dependent; standardize depths	MAR	Can determine consumption rates; bites/m ² or bites/fish
Herbivorous fish biomass	High	High	High	High			
Diadema	High	High	High	Low		Size freq.	
Green turtle and manatee abundance	Moderate/High	Moderate	Moderate	Low/Moderate	Rarity makes surveys costly in time and money; manatees difficult, turtles more difficult	"normal" environmental (local) values	