

Diets (% wet weight)			Prey Overlap (%)			Mixed Trophic Impacts		Scenario Testing (%Δ B)	
Age 0	Age 1-3	Age 4+	Age 0	Age 1-3	Age 4+	Age 1-3	Age 4+	High vs Longterm	
29 Mega-invertebrate predators	16 Other grunts	20 Other grunts	78 Red grouper	81 Red snapper age 4+	81 Red snapper age 1-3	0.003 Other shallow grouper/tilefish	0.004 Golden crabs	2.06	Mutton snapper
20 Stomatopods	14 Mega-invertebrate predators	16 Mega-invertebrate predators	77 Yellowtail snapper	69 Dogfish sharks	62 Red grouper	0.003 White grunt	0.002 Nassau grouper	1.27	Large coastal sharks
14 Squids	10 Squids	10 Herrings	76 Demersal rays/skates	67 Benthic coastal invertivores	61 Dogfish sharks	0.002 Spiny lobster	0.001 Halfbeaks	0.71	Benthic oceanic piscivores
8 Bivalves/oysters	8 Herrings	10 Other zooplankton	74 Dogfish sharks	66 Other mid-shelf snapper	55 Benthic coastal invertivores	0.002 Mutton snapper	0.001 Other mid-shelf snapper	0.63	Gray triggerfish
5 Small mobile epifauna	7 Benthic oceanic invertivores	8 Benthic oceanic invertivores	72 Golden tilefish	66 Greater amberjack	52 Black seabass	0.002 Lane snapper	0.001 Goliath grouper	0.49	Spiny lobster
4 Offshore polychaetes	6 Benthic coastal invertivores	7 Small mobile epifauna	72 Red porgy	63 Other deep grouper	52 Other porgys	0.001 Golden crabs	0.001 Gray snapper	0.49	White grunt
3 Benthic coastal invertivores	4 Other zooplankton	5 Benthic oceanic piscivores	71 Benthic coastal invertivores	59 Benthic coastal piscivores	51 Yellowtail snapper	0.001 Gray snapper	0.001 Lane snapper	0.45	Rock shrimps
2 Pelagic planktivores	4 Benthic oceanic piscivores	3 Stomatopods	71 Mutton snapper	58 Summer flounder	50 Demersal rays/skates	0.001 Ocean triggerfish	0.001 Other shallow snapper	0.38	Lane snapper
2 Other zooplankton	3 Small mobile epifauna	3 Scads	71 Other shallow grouper/tilefish	58 Demersal coastal omnivores	50 Red lionfish	0.001 Goliath grouper	0.001 Stone crabs	0.27	Other shallow grouper/tilefish
2 Octopods	3 Benthic coastal piscivores	2 Benthic coastal piscivores	70 Rock/bank seabass	57 Red grouper	49 Halfbeaks	0.001 Demersal coastal omnivores	0.001 Mulletts	0.23	Gray snapper
1 Benthic coastal piscivores	2 Rock/Bank seabass	2 Black seabass	67 Other sciaenids	57 Yellowtail snapper	48 Tarpon	0.001 Nassau grouper	0.001 Snook	-0.40	Red lionfish
1 Anchovies	2 Other shallow snapper	2 Rock shrimps	67 Bonefish	55 Vermilion snapper	48 Greater amberjack	0.0004 Large coastal sharks	0.001 Sunfish	-0.47	Alamco jack
1 Carnivorous zooplankton	2 Rock shrimps	2 Octopods	66 Cobia	54 Almaco jack	48 Almaco jack	0.0003 Bonefish	0.0005 Bonefish	-0.58	Greater amberjack
1 Encrusting fauna	2 Stomatopods	2 Squids	65 Benthic oceanic invertivores	53 Demersal coastal piscivores	47 Golden tilefish	0.0003 Gray triggerfish	0.0004 Pilot whales	-0.72	Red grouper
1 Rock shrimps	2 Scads	1 Offshore infaunal crustacea	63 Lane snapper	53 Red snapper age 0	47 Other grunts	0.0003 Halfbeaks	0.0004 Bar jack	-0.94	Gag grouper
1 Penaeid shrimps	2 Demersal coastal omnivores	1 Benthic coastal invertivores	61 Other mid-shelf snapper	53 Demersal rays/skates	47 Other deep grouper	-0.0005 Sea turtles	-0.001 Other deep grouper	-1.63	Scamp grouper
1 Estuarine infaunal crustacean	2 Octopods	1 Rock/Bank seabass	61 Goliath grouper	52 Snowy grouper	47 Red porgy	-0.001 Blueline tilefish	-0.001 White grunt	-1.76	Other shallow snapper
1 Estuarine polychaetes	2 Black seabass	1 Penaeid shrimps	61 White grunt	51 White grunt	46 Rock/bank seabass	-0.001 Adult king mackerel	-0.002 Blueline tilefish	-2.74	Other grunts
<1% Benthic oceanic piscivores	1 Penaeid shrimps	1 Other porgys	60 Nassau grouper	50 Gray snapper	46 Other shallow snapper	-0.001 Scamp grouper	-0.002 Greater amberjack	-3.86	Black seabass
<1% Demersal coastal piscivores	1 Offshore infaunal crustaceans	1 Echinoderms and gastropods	59 Queen triggerfish	50 Nassau grouper	45 Goliath grouper	-0.001 Red porgy	-0.003 Red grouper	-5.94	Rock/bank seabass
<1% Demersal coastal omnivores	1 Anchovies	<1% Pelagic planktivores	59 Vermilion snapper	49 Black seabass	44 Red snapper age 0	-0.001 Wreckfish	-0.003 Adult king mackerel		
<1% Ichthyoplankton	1 Other porgys	<1% Encrusting fauna	57 Small coastal sharks	49 Other porgys	44 Scamp grouper	-0.001 Gag grouper	-0.003 Wreckfish		
<1% Demersal coastal invertivores	<1% Encrusting fauna	<1% Other jacks	57 Rock shrimps	48 Benthic oceanic piscivores	43 Nassau grouper	-0.001 Greater amberjack	-0.005 Benthic oceanic piscivores		
<1% Estuarine benthic detritus	<1% Carnivorous zooplankton	<1% Offshore benthic detritus	56 Red drum	48 Pelagic oceanic piscivores	43 Other shallow grouper/tilefish	-0.001 Vermilion snapper	-0.007 Scamp grouper		
<1% Seagrasses	<1% Estuarine infaunal crustaceans	<1% Red porgy	56 Gray snapper	48 Offshore dolphins	43 Cobia	-0.001 Red grouper	-0.007 Gag grouper		
<1% Echinoderms and gastropods	<1% Echinoderms and gastropods	<1% Estuarine infaunal crustaceans	55 Black seabass	47 Wreckfish	42 Bonefish	-0.001 Benthic oceanic piscivores	-0.007 Rock/bank seabass		
<1% Benthic meiofauna	<1% Other jacks	<1% Syngnathids	53 Snowy grouper	46 Other shallow grouper/tilefish	42 Gray snapper	-0.004 Red lionfish	-0.009 Other grunts		
	<1% Estuarine polychaetes	<1% Demersal coastal piscivores	53 Red snapper age 1-3	45 Other shallow snapper	41 Mutton snapper	-0.006 Black seabass	-0.009 Black seabass		
	<1% Pelagic planktivores	<1% Other sciaenids	52 Other deep grouper	45 Beaked whales	40 Snowy grouper	-0.007 Other shallow snapper	-0.018 Red porgy		
	<1% Offshore benthic detritus	<1% Ichthyoplankton	49 Octopods	44 Halfbeaks	40 Gag grouper	-0.015 Rock/bank seabass	-0.020 Red lionfish		