

Table 4.4.1b SOUTHEAST REGION FISH BYCATCH BY STOCKS AND SPECIES (2014) All estimates are in live weights. Species bycatch ratio = total regional bycatch of a species / (total regional landings of the species + total regional bycatch of the species).

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH POUNDS	BYCATCH INDIVIDUALS	BYCATCH RATIO	LANDINGS TOTAL	FOOTNOTES
AFRICAN POMPARO							
African pompano	Alectis ciliaris	2014		447.63			
African pompano - landings	Alectis ciliaris				**	1,239.00	
AFRICAN POMPARO (Subtotal)			0.00	447.63		1,239.00	
ALBACORE							
Albacore - North Atlantic	Thunnus alalunga	2012-2014	81,833.00				
Albacore	Thunnus alalunga	2014		33.97			
Albacore - landings	Thunnus alalunga				**	686,102.00	
ALBACORE (Subtotal)			81,833.00	33.97		686,102.00	
ALMACO JACK							
Almaco jack	Seriola rivoliana	2014		10,703.22			
Almaco jack - landings	Seriola rivoliana				**	57,058.00	
ALMACO JACK (Subtotal)			0.00	10,703.22		57,058.00	
AMBERFISHES, BANDED RUDDERFISH, AMBERJACKS, AND YELLOWTAILS (GROUP)							
Amberfishes, banded rudderfish, amberjacks, and yellowtails (group)	Seriola	2014		35,139.77			
Amberfishes, banded rudderfish, amberjacks, and yellowtails (group) - landings	Seriola						
AMBERFISHES, BANDED RUDDERFISH, AMBERJACKS, AND YELLOWTAILS (GROUP) (Subtotal)			0.00	35,139.77		0.00	
ATLANTIC BONITO							
Atlantic bonito	Sarda sarda	2014		280.13			
Atlantic bonito - landings	Sarda sarda				**	9,867.00	
ATLANTIC BONITO (Subtotal)			0.00	280.13		9,867.00	
ATLANTIC BUMPER							
Atlantic bumper	Chloroscombrus chrysurus	2014		5,800.60			
Atlantic bumper - landings							
ATLANTIC BUMPER (Subtotal)			0.00	5,800.60		0.00	
ATLANTIC CROAKER							
Atlantic croaker	Micropogonias undulatus	2014	78,022,941.28				
Atlantic croaker	Micropogonias undulatus	2014		75.90			

Atlantic croaker - landings	Micropogonias undulatus				**	1,286,688.00
ATLANTIC CROAKER (Subtotal)			78,022,941.28	75.90		1,286,688.00
ATLANTIC MENHADEN						
Atlantic menhaden	Brevoortia tyrannus	2014	3,036,327.53			
Atlantic menhaden - landings						
ATLANTIC MENHADEN (Subtotal)			3,036,327.53	0.00		0.00
ATLANTIC MOONFISH						
Atlantic moonfish	Selene setapinnis	2014		4,707.40		
Atlantic moonfish - landings	Selene setapinnis				**	2,788.00
ATLANTIC MOONFISH (Subtotal)			0.00	4,707.40		2,788.00
ATLANTIC NEEDLEFISH						
Atlantic needlefish	Strongylura marina	2014		577.40		
Atlantic needlefish - landings						
ATLANTIC NEEDLEFISH (Subtotal)			0.00	577.40		0.00
ATLANTIC SHARPNOSE SHARK						
Atlantic sharpnose shark	Rhizoprionodon terraenovae	2014	2,142,104.30			
Atlantic sharpnose shark	Rhizoprionodon terraenovae	2014		35,455.11		
Atlantic sharpnose shark - landings	Rhizoprionodon terraenovae				**	453,652.00
ATLANTIC SHARPNOSE SHARK (Subtotal)			2,142,104.30	35,455.11		453,652.00
ATLANTIC SPADEFISH						
Atlantic spadefish	Chaetodipterus faber	2014		2,186.40		
Atlantic spadefish - landings						
ATLANTIC SPADEFISH (Subtotal)			0.00	2,186.40		0.00
ATLANTIC THREAD HERRING						
Atlantic thread herring	Opisthonema oglinum	2014		321.30		
Atlantic thread herring - landings						
ATLANTIC THREAD HERRING (Subtotal)			0.00	321.30		0.00
BANDED DRUM						
Banded drum	Larimus fasciatus	2014		535.40		
Banded drum - landings						
BANDED DRUM (Subtotal)			0.00	535.40		0.00
BANDED RUDDERFISH						
Banded rudderfish	Seriola zonata	2014		909.22		
Banded rudderfish - landings	Seriola zonata				**	22,196.00

BANDED RUDDERFISH (Subtotal)			0.00	909.22		22,196.00
BANK SEA BASS						
Bank sea bass	Centropristis ocyurus	2014	0.00			
Bank sea bass	Centropristis ocyurus	2014		595.82		
Bank sea bass - landings						
BANK SEA BASS (Subtotal)			0.00	595.82		0.00
BAR JACK						
Bar jack	Carangoides ruber	2014		35.13		
Bar jack - landings						
BAR JACK (Subtotal)			0.00	35.13		0.00
BARRACUDAS (GROUP)						
Barracudas (group)	Sphyraenidae	2014		967.18		
Barracudas (group) - landings	Sphyraenidae					
BARRACUDAS (GROUP) (Subtotal)			0.00	967.18		0.00
BIGEYE						
Bigeye	Priacanthus arenatus	2014		2.74		
Bigeye - landings	Priacanthus arenatus				**	1,400.00
BIGEYE (Subtotal)			0.00	2.74		1,400.00
BIGEYE TUNA						
Bigeye tuna - Atlantic	Thunnus obesus	2012-2014	85,217.00			
Bigeye tuna - landings	Thunnus obesus				0.06	1,305,833.00
BIGEYE TUNA (Subtotal)			85,217.00	0.00		1,305,833.00
BLACK DRUM						
Black drum	Pogonias cromis	2014	433,651.60			
Black drum - landings	Pogonias cromis				0.40	648,755.00
BLACK DRUM (Subtotal)			433,651.60	0.00		648,755.00
BLACK GROUPER						
Black grouper	Mycteroperca bonaci	2014		18,833.43		
Black grouper - landings	Mycteroperca bonaci				**	39,188.00
BLACK GROUPER (Subtotal)			0.00	18,833.43		39,188.00
BLACK SEA BASS						
Black sea bass	Centropristis striata	2014	1,656.44			c
Black sea bass	Centropristis striata	2014		26,524.68		c
Black sea bass - landings	Centropristis striata				**	182,806.00

BLACK SEA BASS (Subtotal)			1,656.44	26,524.68		182,806.00
BLACKBELLY ROSEFISH						
Blackbelly rosefish	Helicolenus dactylopterus	2014		335.72		
Blackbelly rosefish - landings	Helicolenus dactylopterus				**	18,966.00
BLACKBELLY ROSEFISH (Subtotal)			0.00	335.72		18,966.00
BLACKFIN TUNA						
Blackfin tuna - South Atlantic	Thunnus atlanticus	2012-2014	42,231.00			
Blackfin tuna	Thunnus atlanticus	2014		247.97		
Blackfin tuna - landings	Thunnus atlanticus				**	17,005.00
BLACKFIN TUNA (Subtotal)			42,231.00	247.97		17,005.00
BLACKNOSE SHARK						
Blacknose shark	Carcharhinus acronotus	2014	438,676.65			
Blacknose shark	Carcharhinus acronotus	2014		11.64		
Blacknose shark - landings	Carcharhinus acronotus				**	51,649.00
BLACKNOSE SHARK (Subtotal)			438,676.65	11.64		51,649.00
BLACKTIP SHARK						
Blacktip shark	Carcharhinus limbatus	2014	148,555.38			
Blacktip shark	Carcharhinus limbatus	2014		14,255.95		
Blacktip shark - landings	Carcharhinus limbatus				**	950,561.00
BLACKTIP SHARK (Subtotal)			148,555.38	14,255.95		950,561.00
BLOWFISH (GROUP)						
Blowfish (group)	Tetraodontidae	2014		625.25		
Blowfish (group) - landings	Tetraodontidae					
BLOWFISH (GROUP) (Subtotal)			0.00	625.25		0.00
BLUE CRAB						
Blue crab	Callinectes sapidus	2014	656,845.42			
Blue crab - landings	Callinectes sapidus				0.96	26,239.00
BLUE CRAB (Subtotal)			656,845.42	0.00		26,239.00
BLUE MARLIN						
Blue marlin - Atlantic	Makaira nigricans	2012-2014	117,060.00			
Blue marlin	Makaira nigricans	2014		4.66		
Blue marlin - landings						
BLUE MARLIN (Subtotal)			117,060.00	4.66		0.00

BLUE RUNNER						
Blue runner	Caranx crysos	2014		6,570.45		
Blue runner - landings	Caranx crysos				**	100,045.00
BLUE RUNNER (Subtotal)			0.00	6,570.45		100,045.00
BLUE SHARK						
Blue shark - North Atlantic	Prionace glauca	2012-2014	269,186.00			
Blue shark - landings						
BLUE SHARK (Subtotal)			269,186.00	0.00		0.00
BLUEFIN TUNA						
Bluefin tuna - Western Atlantic	Thunnus thynnus	2012-2014	305,988.00			
Bluefin tuna	Thunnus thynnus	2014		76.69		
Bluefin tuna - landings	Thunnus thynnus				**	545,570.00
BLUEFIN TUNA (Subtotal)			305,988.00	76.69		545,570.00
BLUEFISH						
Bluefish	Pomatomus saltatrix	2014	299,735.37			
Bluefish	Pomatomus saltatrix	2014		5,640.19		
Bluefish - landings	Pomatomus saltatrix				**	2,219,168.00
BLUEFISH (Subtotal)			299,735.37	5,640.19		2,219,168.00
BLUELINE TILEFISH						
Blueline tilefish	Caulolatilus microps	2014		12,306.00		b
Blueline tilefish - landings						
BLUELINE TILEFISH (Subtotal)			0.00	12,306.00		0.00
BLUNTNOSE SIXGILL SHARK						
Bluntnose sixgill shark	Hexanchus griseus	2014		68.56		
Bluntnose sixgill shark - landings						
BLUNTNOSE SIXGILL SHARK (Subtotal)			0.00	68.56		0.00
BONNETHEAD SHARK						
Bonnethead shark	Sphyrna tiburo	2014	757,958.58			
Bonnethead shark	Sphyrna tiburo	2014		1,396.93		
Bonnethead shark - landings	Sphyrna tiburo				**	29,673.00
BONNETHEAD SHARK (Subtotal)			757,958.58	1,396.93		29,673.00
BONY FISHES (GROUP)						
Bony fishes (group)	Osteichthyes	2014		573.27		

Bony fishes (group) - landings	Osteichthyes				
BONY FISHES (GROUP) (Subtotal)			0.00	573.27	0.00
BOX JELLYFISH (GROUP)					
Box jellyfish (group)	Carybdeidae	2014	368,063.77		
Box jellyfish (group) - landings	Carybdeidae				
BOX JELLYFISH (GROUP) (Subtotal)			368,063.77	0.00	0.00
BREAMS AND PORGIES (GROUP)					
Breams and porgies (group)	Sparidae	2014		410.06	
Breams and porgies (group) - landings	Sparidae				
BREAMS AND PORGIES (GROUP) (Subtotal)			0.00	410.06	0.00
BULL SHARK					
Bull shark	Carcharhinus leucas	2014	3,673.64		
Bull shark	Carcharhinus leucas	2014		769.47	
Bull shark - landings	Carcharhinus leucas				** 381,730.00
BULL SHARK (Subtotal)			3,673.64	769.47	381,730.00
BUTTERFISH					
Butterfish	Peprilus triacanthus	2014		124.90	
Butterfish - landings					
BUTTERFISH (Subtotal)			0.00	124.90	0.00
BUTTERFLYFISHES (GROUP)					
Butterflyfishes (group)	Chaetodontidae	2014		10.48	
Butterflyfishes (group) - landings	Chaetodontidae				
BUTTERFLYFISHES (GROUP) (Subtotal)			0.00	10.48	0.00
CANNONBALL JELLYFISH					
Cannonball jellyfish	Stomolophus meleagris	2014	2,821,832.40		
Cannonball jellyfish - landings					
CANNONBALL JELLYFISH (Subtotal)			2,821,832.40	0.00	0.00
CARTILAGINOUS FISHES (GROUP)					
Cartilaginous fishes (group)	Chondrichthyes	2014		26,642.72	
Cartilaginous fishes (group) - landings	Chondrichthyes				
CARTILAGINOUS FISHES (GROUP) (Subtotal)			0.00	26,642.72	0.00
CLEARNOSE SKATE					
Clearnose skate	Raja eglanteria	2014		477.40	
Clearnose skate - landings					

CLEARNOSE SKATE (Subtotal)			0.00	477.40		0.00
COBIA						
Cobia	Rachycentron canadum	2014	10,706.32			
Cobia	Rachycentron canadum	2014		10,096.61		
Cobia - landings	Rachycentron canadum				**	69,712.00
COBIA (Subtotal)			10,706.32	10,096.61		69,712.00
COWNOSE RAY						
Cownose ray	Rhinoptera bonasus	2014		584.50		
Cownose ray - landings						
COWNOSE RAY (Subtotal)			0.00	584.50		0.00
CREOLE-FISH						
Creole-fish	Paranthias furcifer	2014		58.75		
Creole-fish - landings						
CREOLE-FISH (Subtotal)			0.00	58.75		0.00
CREVALLE JACK						
Crevalle jack	Caranx hippos	2014	423.20			
Crevalle jack	Caranx hippos	2014		16,248.45		
Crevalle jack - landings	Caranx hippos				**	31,167.00
CREVALLE JACK (Subtotal)			423.20	16,248.45		31,167.00
DASYATIDAE (GROUP)						
Dasyatidae (group)	Dasyatidae	2014		7.37		
Dasyatidae (group) - landings	Dasyatidae					
DASYATIDAE (GROUP) (Subtotal)			0.00	7.37		0.00
DEALFISH						
Dealfish	Trachipterus arcticus	2014		69.85		
Dealfish - landings						
DEALFISH (Subtotal)			0.00	69.85		0.00
DOGFISH SHARKS (GROUP)						
Dogfish sharks (group)	Squalidae	2014		5,239.10		
Dogfish sharks (group) - landings	Squalidae					
DOGFISH SHARKS (GROUP) (Subtotal)			0.00	5,239.10		0.00
DOLPHINFISH (GROUP)						
Dolphinfish (group)	Coryphaena	2014		9,593.95		
Dolphinfish (group) - landings	Coryphaena					

DOLPHINFISH (GROUP) (Subtotal)			0.00	9,593.95	0.00
DUSKY SHARK					
Dusky shark	Carcharhinus obscurus	2014	11,177.70		
Dusky shark	Carcharhinus obscurus	2014		89.94	
Dusky shark - landings					
DUSKY SHARK (Subtotal)			11,177.70	89.94	0.00
FINETOOTH SHARK					
Finetooth shark	Carcharhinus isodon	2014	17,435.54		
Finetooth shark	Carcharhinus isodon	2014		451.66	
Finetooth shark - landings	Carcharhinus isodon				** 97,929.00
FINETOOTH SHARK (Subtotal)			17,435.54	451.66	97,929.00
FINFISHES (UNCLASSIFIED, GENERAL) (GROUP)					
Finfishes (unclassified, general) (group)		2014	10,602,820.84		
Finfishes (unclassified, general) (group) - landings					
FINFISHES (UNCLASSIFIED, GENERAL) (GROUP) (Subtotal)			10,602,820.84	0.00	0.00
FLORIDA POMPARO					
Florida pompano	Trachinotus carolinus	2014	5,364.45		
Florida pompano	Trachinotus carolinus	2014		214.20	
Florida pompano - landings	Trachinotus carolinus				** 52,886.00
FLORIDA POMPARO (Subtotal)			5,364.45	214.20	52,886.00
FLORIDA SMOOTHHOUND					
Florida smoothhound	Mustelus norrisi	2014	0.00		
Florida smoothhound - landings					
FLORIDA SMOOTHHOUND (Subtotal)			0.00	0.00	0.00
GAFFTOPSAIL CATFISH					
Gafftopsail catfish	Bagre marinus	2014	2,850.14		
Gafftopsail catfish - landings					
GAFFTOPSAIL CATFISH (Subtotal)			2,850.14	0.00	0.00
GAG					
Gag	Mycteroperca microlepis	2014	0.00		j
Gag	Mycteroperca microlepis	2014		43,448.41	j
Gag - landings	Mycteroperca microlepis				** 414,886.00
GAG (Subtotal)			0.00	43,448.41	414,886.00
GOLIATH GROUPER					

Goliath grouper	Epinephelus itajara	2014	604.90			
Goliath grouper	Epinephelus itajara	2014		4,776.86		
Goliath grouper - landings						
GOLIATH GROUPE (Subtotal)			604.90	4,776.86		0.00
GRAY SNAPPER						
Gray snapper	Lutjanus griseus	2014		99,569.70		i
Gray snapper - landings	Lutjanus griseus				**	56,832.00
GRAY SNAPPER (Subtotal)			0.00	99,569.70		56,832.00
GRAY TRIGGERFISH						
Gray triggerfish	Balistes capriscus	2014		142,686.31		a
Gray triggerfish - landings	Balistes capriscus				**	8,882.00
GRAY TRIGGERFISH (Subtotal)			0.00	142,686.31		8,882.00
GRAYSBY						
Graysby	Cephalopholis cruentata	2014		16.37		
Graysby - landings						
GRAYSBY (Subtotal)			0.00	16.37		0.00
GREAT HAMMERHEAD						
Great hammerhead	Sphyrna mokarran	2014	1,179.80			
Great hammerhead - landings	Sphyrna mokarran				0.02	47,998.00
GREAT HAMMERHEAD (Subtotal)			1,179.80	0.00		47,998.00
GREATER AMBERJACK						
Greater amberjack	Seriola dumerili	2014		71,591.65		m
Greater amberjack - landings	Seriola dumerili				**	184,747.00
GREATER AMBERJACK (Subtotal)			0.00	71,591.65		184,747.00
GROUPED FINFISH OTHER THAN LISTED - GULF OF MEXICO (GROUP)						
Grouped finfish other than listed - Gulf of Mexico (group)		2014	117,879,711.70			
Grouped finfish other than listed - Gulf of Mexico (group) - landings						
GROUPED FINFISH OTHER THAN LISTED - GULF OF MEXICO (GROUP) (Subtotal)			117,879,711.70	0.00		0.00
GROUPED SHARKS - GULF OF MEXICO (GROUP)						
Grouped sharks - Gulf of Mexico (group)		2014	112,741.85			
Grouped sharks - Gulf of Mexico (group) - landings						
GROUPED SHARKS - GULF OF MEXICO (GROUP) (Subtotal)			112,741.85	0.00		0.00
GROUPERS AND SEA BASSES (GROUP)						
Groupers and sea basses (group)	Serranidae	2014		1,065.91		

Groupers and sea basses (group) - landings	Serranidae				
GROUPERS AND SEA BASSES (GROUP) (Subtotal)			0.00	1,065.91	0.00
GRUNTS (GROUP)					
Grunts (group)	Haemulidae	2014		1,339.98	
Grunts (group) - landings	Haemulidae				
GRUNTS (GROUP) (Subtotal)			0.00	1,339.98	0.00
HAKES (GROUP)					
Hakes (group)	Urophycis	2014		349.63	
Hakes (group) - landings	Urophycis				
HAKES (GROUP) (Subtotal)			0.00	349.63	0.00
HAMMERHEAD SHARKS (GROUP)					
Hammerhead sharks (group)	Sphyrnidae	2014		1,376.18	
Hammerhead sharks (group) - landings	Sphyrnidae				
HAMMERHEAD SHARKS (GROUP) (Subtotal)			0.00	1,376.18	0.00
HARVESTFISH					
Harvestfish	Peprilus paru	2014		200.80	
Harvestfish - landings					
HARVESTFISH (Subtotal)			0.00	200.80	0.00
HOGFISH					
Hogfish	Lachnolaimus maximus	2014		6,923.94	
Hogfish - landings	Lachnolaimus maximus				** 2,727.00
HOGFISH (Subtotal)			0.00	6,923.94	2,727.00
HOUNDFISH					
Houndfish	Tylosurus crocodilus	2014		13.40	
Houndfish - landings					
HOUNDFISH (Subtotal)			0.00	13.40	0.00
INSHORE LIZARDFISH					
Inshore lizardfish	Synodus foetens	2014		905.80	
Inshore lizardfish - landings					
INSHORE LIZARDFISH (Subtotal)			0.00	905.80	0.00
INVERTEBRATES (UNIDENTIFIED) (GROUP)					
Invertebrates (unidentified) (group)		2014	1,295,279.57		
Invertebrates (unidentified) (group) - landings					
INVERTEBRATES (UNIDENTIFIED) (GROUP) (Subtotal)			1,295,279.57	0.00	0.00

JACKS AND POMPANOS (GROUP)						
Jacks and pompanos (group)	Carangidae	2014		1,991.67		
Jacks and pompanos (group) - landings	Carangidae					
JACKS AND POMPANOS (GROUP) (Subtotal)			0.00	1,991.67		0.00
JOLTHEAD PORGY						
Jolthead porgy	Calamus bajonado	2014		11.79		
Jolthead porgy - landings	Calamus bajonado				**	13,585.00
JOLTHEAD PORGY (Subtotal)			0.00	11.79		13,585.00
KING MACKEREL						
King mackerel	Scomberomorus cavalla	2014	141,136.30			
King mackerel - landings	Scomberomorus cavalla				0.06	2,414,304.00
KING MACKEREL (Subtotal)			141,136.30	0.00		2,414,304.00
LANE SNAPPER						
Lane snapper	Lutjanus synagris	2014	656,914.33			
Lane snapper	Lutjanus synagris	2014		13,757.74		
Lane snapper - landings	Lutjanus synagris				**	5,164.00
LANE SNAPPER (Subtotal)			656,914.33	13,757.74		5,164.00
LARGE COASTAL SHARKS (GROUP)						
Large coastal sharks (group)		2012-2014	227,393.00			
Large coastal sharks (group) - landings						
LARGE COASTAL SHARKS (GROUP) (Subtotal)			227,393.00	0.00		0.00
LEMON SHARK						
Lemon shark	Negaprion brevirostris	2014	0.00			
Lemon shark	Negaprion brevirostris	2014		762.98		
Lemon shark - landings	Negaprion brevirostris				**	26,172.00
LEMON SHARK (Subtotal)			0.00	762.98		26,172.00
LESSER AMBERJACK						
Lesser amberjack	Seriola fasciata	2014		704.53		
Lesser amberjack - landings	Seriola fasciata				**	3,106.00
LESSER AMBERJACK (Subtotal)			0.00	704.53		3,106.00
LINED SEAHORSE						
Lined seahorse	Hippocampus erectus	2014		89.20		
Lined seahorse - landings						
LINED SEAHORSE (Subtotal)			0.00	89.20		0.00

LIONFISHES (GROUP)					
Lionfishes (group)	Pterois	2014	859.72		
Lionfishes (group) - landings	Pterois				
LIONFISHES (GROUP) (Subtotal)			0.00	859.72	0.00
LITTLE TUNNY					
Little tunny	Euthynnus alletteratus	2014	19,691.54		
Little tunny - landings	Euthynnus alletteratus			**	320,464.00
LITTLE TUNNY (Subtotal)			0.00	19,691.54	320,464.00
LONGSPINE PORGY					
Longspine porgy	Stenotomus caprinus	2014	11,985,134.08		
Longspine porgy - landings	Stenotomus caprinus			1.00	37.00
LONGSPINE PORGY (Subtotal)			11,985,134.08	0.00	37.00
MACKERELS (GROUP)					
Mackerels (group)	Scomberomorus	2014	144,252.19		
Mackerels (group) - landings	Scomberomorus				
MACKERELS (GROUP) (Subtotal)			0.00	144,252.19	0.00
MAKO SHARKS (GROUP)					
Mako sharks (group)	Isurus	2014	24.86		
Mako sharks (group) - landings	Isurus				
MAKO SHARKS (GROUP) (Subtotal)			0.00	24.86	0.00
MARGATE					
Margate	Haemulon album	2014	44.11		
Margate - landings	Haemulon album			**	21.00
MARGATE (Subtotal)			0.00	44.11	21.00
MISCELLANEOUS CRUSTACEANS (UNIDENTIFIED) (GROUP)					
Miscellaneous crustaceans (unidentified) (group)	Crustacea	2014	31,722,006.18		
Miscellaneous crustaceans (unidentified) (group) - landings	Crustacea				
MISCELLANEOUS CRUSTACEANS (UNIDENTIFIED) (GROUP) (Subtotal)			31,722,006.18	0.00	0.00
MORAY EELS (GROUP)					
Moray eels (group)	Muraenidae	2014	69.56		
Moray eels (group) - landings	Muraenidae				
MORAY EELS (GROUP) (Subtotal)			0.00	69.56	0.00
MULLETS (GROUP)					
Mullets (group)	Mugilidae	2014	3.36		

Mulletts (group) - landings	Mugilidae					
MULLETS (GROUP) (Subtotal)			0.00	3.36		0.00
MUTTON SNAPPER						
Mutton snapper	Lutjanus analis	2014	4.60			g
Mutton snapper	Lutjanus analis	2014		5,197.56		g
Mutton snapper - landings	Lutjanus analis				**	127,401.00
MUTTON SNAPPER (Subtotal)			4.60	5,197.56		127,401.00
NIGHT SHARK						
Night shark	Carcharhinus signatus	2014		1,178.76		
Night shark - landings						
NIGHT SHARK (Subtotal)			0.00	1,178.76		0.00
NON-CRUSTACEAN INVERTEBRATES - GULF OF MEXICO (GROUP)						
Non-crustacean invertebrates - Gulf of Mexico (group)		2014	19,485,325.59			
Non-crustacean invertebrates - Gulf of Mexico (group) - landings						
NON-CRUSTACEAN INVERTEBRATES - GULF OF MEXICO (GROUP) (Subtotal)			19,485,325.59	0.00		0.00
NORTHERN KINGFISH						
Northern kingfish	Menticirrhus saxatilis	2014	446,915.77			
Northern kingfish - landings						
NORTHERN KINGFISH (Subtotal)			446,915.77	0.00		0.00
NURSE SHARK						
Nurse shark	Ginglymostoma cirratum	2014	46,545.57			
Nurse shark	Ginglymostoma cirratum	2014		11,193.53		
Nurse shark - landings						
NURSE SHARK (Subtotal)			46,545.57	11,193.53		0.00
PARROTFISHES (GROUP)						
Parrotfishes (group)	Scaridae	2014		167.63		
Parrotfishes (group) - landings	Scaridae					
PARROTFISHES (GROUP) (Subtotal)			0.00	167.63		0.00
PELAGIC SHARKS (GROUP)						
Pelagic sharks (group)		2012-2014	173,245.00			
Pelagic sharks (group) - landings						
PELAGIC SHARKS (GROUP) (Subtotal)			173,245.00	0.00		0.00
PENAEID SHRIMPS (GROUP)						
Penaeid shrimps (group)	Penaeidae	2014	1,077,200.89			

Penaeid shrimps (group) - landings	Penaeidae				
PENAEID SHRIMPS (GROUP) (Subtotal)			1,077,200.89	0.00	0.00
PILOTFISH					
Pilotfish	Naucrates ductor	2014		1,067.35	
Pilotfish - landings					
PILOTFISH (Subtotal)			0.00	1,067.35	0.00
PINFISH					
Pinfish	Lagodon rhomboides	2014		1,695.60	
Pinfish - landings	Lagodon rhomboides				** 6,879.00
PINFISH (Subtotal)			0.00	1,695.60	6,879.00
PORKFISH					
Porkfish	Anisotremus virginicus	2014		20.95	
Porkfish - landings					
PORKFISH (Subtotal)			0.00	20.95	0.00
PUDDINGWIFE					
Puddingwife	Halichoeres radiatus	2014		77.47	
Puddingwife - landings					
PUDDINGWIFE (Subtotal)			0.00	77.47	0.00
RAINBOW RUNNER					
Rainbow runner	Elagatis bipinnulata	2014		11.97	
Rainbow runner - landings					
RAINBOW RUNNER (Subtotal)			0.00	11.97	0.00
RAYS, SAWFISH, AND SKATES (GROUP)					
Rays, sawfish, and skates (group)	Rajiformes	2014		9.41	
Rays, sawfish, and skates (group) - landings	Rajiformes				
RAYS, SAWFISH, AND SKATES (GROUP) (Subtotal)			0.00	9.41	0.00
RED DRUM					
Red drum	Sciaenops ocellatus	2014	1,030,134.71		
Red drum	Sciaenops ocellatus	2014		43,034.98	
Red drum - landings	Sciaenops ocellatus				** 87,077.00
RED DRUM (Subtotal)			1,030,134.71	43,034.98	87,077.00
RED GROUPE					
Red grouper	Epinephelus morio	2014	52.60		e
Red grouper	Epinephelus morio	2014		1,745,078.12	e

Red grouper - landings	Epinephelus morio			**	4,237,941.00	
RED GROUPER (Subtotal)			52.60	1,745,078.12		4,237,941.00
RED HIND						
Red hind	Epinephelus guttatus	2014		340.09		
Red hind - landings	Epinephelus guttatus				**	9,880.00
RED HIND (Subtotal)			0.00	340.09		9,880.00
RED PORGY						
Red porgy	Pagrus pagrus	2014		27,472.46		k
Red porgy - landings						
RED PORGY (Subtotal)			0.00	27,472.46		0.00
RED SNAPPER						
Red snapper	Lutjanus campechanus	2014	1,424,634.05			h
Red snapper	Lutjanus campechanus	2014		1,191,089.10		h
Red snapper - landings	Lutjanus campechanus				**	498,095.00
RED SNAPPER (Subtotal)			1,424,634.05	1,191,089.10		498,095.00
REEF SHARK						
Reef shark	Carcharhinus perezii	2014	206.10			
Reef shark	Carcharhinus perezii	2014		618.36		
Reef shark - landings						
REEF SHARK (Subtotal)			206.10	618.36		0.00
REMORA (GROUP)						
Remora (group)	Remora	2014		23,186.44		
Remora (group) - landings	Remora					
REMORA (GROUP) (Subtotal)			0.00	23,186.44		0.00
RIVER HERRINGS (GROUP)						
River herrings (group)	Alosa	2014	0.00			
River herrings (group) - landings	Alosa					
RIVER HERRINGS (GROUP) (Subtotal)			0.00	0.00		0.00
ROCK SEA BASS						
Rock sea bass	Centropristis philadelphica	2014	28,973.82			
Rock sea bass	Centropristis philadelphica	2014		17.46		
Rock sea bass - landings	Centropristis philadelphica				**	167.00
ROCK SEA BASS (Subtotal)			28,973.82	17.46		167.00
ROUGHTAIL STINGRAY						

Roughtail stingray	Dasyatis centroura	2014	1,047.34		
Roughtail stingray - landings					
ROUGHTAIL STINGRAY (Subtotal)			1,047.34	0.00	0.00
SAILFISH					
Atlantic sailfish	Istiophorus platypterus	2012-2014	24,180.00		
Sailfish	Istiophorus platypterus	2014		297.62	
Sailfish - landings					
SAILFISH (Subtotal)			24,180.00	297.62	0.00
SAND PERCH					
Sand perch	Diplectrum formosum	2014		519.61	
Sand perch - landings	Diplectrum formosum				** 35.00
SAND PERCH (Subtotal)			0.00	519.61	35.00
SAND TIGER SHARK					
Sand tiger shark	Carcharias taurus	2014	31,444.60		
Sand tiger shark	Carcharias taurus	2014		435.16	
Sand tiger shark - landings					
SAND TIGER SHARK (Subtotal)			31,444.60	435.16	0.00
SAND TILEFISH					
Sand tilefish	Malacanthus plumieri	2014		324.12	
Sand tilefish - landings	Malacanthus plumieri				** 908.00
SAND TILEFISH (Subtotal)			0.00	324.12	908.00
SANDBAR SHARK					
Sandbar shark	Carcharhinus plumbeus	2014	70,999.40		
Sandbar shark	Carcharhinus plumbeus	2014		15,822.15	
Sandbar shark - landings	Carcharhinus plumbeus				** 316,592.00
SANDBAR SHARK (Subtotal)			70,999.40	15,822.15	316,592.00
SCALLOPED HAMMERHEAD SHARK					
Scalloped hammerhead shark	Sphyrna lewini	2014	89,386.55		
Scalloped hammerhead shark	Sphyrna lewini	2014		592.36	
Scalloped hammerhead shark - landings	Sphyrna lewini				** 50,193.00
SCALLOPED HAMMERHEAD SHARK (Subtotal)			89,386.55	592.36	50,193.00
SCAMP					
Scamp	Mycteroperca phenax	2014		9,176.39	
Scamp - landings	Mycteroperca phenax				** 116,138.00

SCAMP (Subtotal)			0.00	9,176.39		116,138.00
SCHOOLMASTER						
Schoolmaster	Lutjanus apodus	2014		27.94		
Schoolmaster - landings	Lutjanus apodus				**	69.00
SCHOOLMASTER (Subtotal)			0.00	27.94		69.00
SCOMBER (GROUP)						
Scomber (group)	Scomber	2014		23.28		
Scomber (group) - landings	Scomber					
SCOMBER (GROUP) (Subtotal)			0.00	23.28		0.00
SCORPIONFISHES (GROUP)						
Scorpionfishes (group)	Scorpaenidae	2014		1.55		
Scorpionfishes (group) - landings	Scorpaenidae					
SCORPIONFISHES (GROUP) (Subtotal)			0.00	1.55		0.00
SCUP						
Scup	Stenotomus chrysops	2014	968.15			
Scup - landings	Stenotomus chrysops				0.96	40.00
SCUP (Subtotal)			968.15	0.00		40.00
SEA CATFISHES (GROUP)						
Sea catfishes (group)	Ariidae	2014		633.28		
Sea catfishes (group) - landings	Ariidae					
SEA CATFISHES (GROUP) (Subtotal)			0.00	633.28		0.00
SEA CHUBS (GROUP)						
Sea chubs (group)	Kyphosidae	2014		145.86		
Sea chubs (group) - landings	Kyphosidae					
SEA CHUBS (GROUP) (Subtotal)			0.00	145.86		0.00
SEATROUT AND WEAKFISH - GULF OF MEXICO (GROUP)						
Seatrout and weakfish - Gulf of Mexico (group)	Cynoscion	2014	19,214,936.82			
Seatrout and weakfish - Gulf of Mexico (group) - landings	Cynoscion					
SEATROUT AND WEAKFISH - GULF OF MEXICO (GROUP) (Subtotal)			19,214,936.82	0.00		0.00
SHEEPSHEAD						
Sheepshead	Archosargus probatocephalus	2014		203.45		
Sheepshead - landings	Archosargus probatocephalus				**	341,433.00
SHEEPSHEAD (Subtotal)			0.00	203.45		341,433.00
SILK SNAPPER						

Silk snapper	Lutjanus vivanus	2014		3.88		
Silk snapper - landings	Lutjanus vivanus				**	6,141.00
SILK SNAPPER (Subtotal)			0.00	3.88		6,141.00
SILKY SHARK						
Silky shark	Carcharhinus falciformis	2014	213.80			
Silky shark	Carcharhinus falciformis	2014		948.43		
Silky shark - landings	Carcharhinus falciformis				**	148.00
SILKY SHARK (Subtotal)			213.80	948.43		148.00
SILVER SEATROUT						
Silver seatrout	Cynoscion nothus	2014	352,580.53			
Silver seatrout - landings						
SILVER SEATROUT (Subtotal)			352,580.53	0.00		0.00
SKATES (GROUP)						
Skates (group)	Rajidae	2014		519.44		
Skates (group) - landings	Rajidae					
SKATES (GROUP) (Subtotal)			0.00	519.44		0.00
SKIPJACK TUNA						
Skipjack tuna - Central Western Pacific	Katsuwonus pelamis	2012-2014	17,509.00			
Skipjack tuna - landings						
SKIPJACK TUNA (Subtotal)			17,509.00	0.00		0.00
SMOOTH DOGFISH						
Smooth dogfish	Mustelus canis	2014	151,215.62			
Smooth dogfish	Mustelus canis	2014		439.39		
Smooth dogfish - landings	Mustelus canis				**	482,275.00
SMOOTH DOGFISH (Subtotal)			151,215.62	439.39		482,275.00
SNAPPERS (GROUP)						
Snappers (group)	Lutjanidae	2014	568.24			
Snappers (group)	Lutjanidae	2014		3,507.51		
Snappers (group) - landings	Lutjanidae					
SNAPPERS (GROUP) (Subtotal)			568.24	3,507.51		0.00
SNOWY GROUPE						
Snowy grouper	Epinephelus niveatus	2014		2,570.14		f
Snowy grouper - landings	Epinephelus niveatus				**	167,657.00
SNOWY GROUPE (Subtotal)			0.00	2,570.14		167,657.00

SOLIDERFISHES AND SQUIRRELFISHES (GROUP)						
Soliderfishes and squirrelfishes (group)	Holocentridae	2014	1,789.98			
Soliderfishes and squirrelfishes (group) - landings	Holocentridae					
SOLIDERFISHES AND SQUIRRELFISHES (GROUP) (Subtotal)			0.00	1,789.98		0.00
SOUTHERN FLOUNDER						
Southern flounder	Paralichthys lethostigma	2014	769,713.63			
Southern flounder - landings						
SOUTHERN FLOUNDER (Subtotal)			769,713.63	0.00		0.00
SOUTHERN KINGFISH						
Southern kingfish	Menticirrhus americanus	2014	1,598,828.74			
Southern kingfish	Menticirrhus americanus	2014		13.40		
Southern kingfish - landings						
SOUTHERN KINGFISH (Subtotal)			1,598,828.74	13.40		0.00
SOUTHERN STINGRAY						
Southern stingray	Dasyatis americana	2014		1,561.70		
Southern stingray - landings						
SOUTHERN STINGRAY (Subtotal)			0.00	1,561.70		0.00
SPANISH MACKEREL						
Spanish mackerel	Scomberomorus maculatus	2014	1,211,545.83			
Spanish mackerel	Scomberomorus maculatus	2014		11,305.19		
Spanish mackerel - landings	Scomberomorus maculatus				**	1,860,711.00
SPANISH MACKEREL (Subtotal)			1,211,545.83	11,305.19		1,860,711.00
SPECKLED HIND						
Speckled hind	Epinephelus drummondhayi	2014		7,222.48		d
Speckled hind - landings	Epinephelus drummondhayi				**	68,568.00
SPECKLED HIND (Subtotal)			0.00	7,222.48		68,568.00
SPINNER SHARK						
Spinner shark	Carcharhinus brevipinna	2014	63,151.85			
Spinner shark	Carcharhinus brevipinna	2014		416.60		
Spinner shark - landings	Carcharhinus brevipinna				**	127,193.00
SPINNER SHARK (Subtotal)			63,151.85	416.60		127,193.00
SPINY DOGFISH						
Spiny dogfish	Squalus acanthias	2014	60.00			
Spiny dogfish	Squalus acanthias	2014		2,308.31		

Spiny dogfish - landings	Squalus acanthias				**	5,648,485.00
SPINY DOGFISH (Subtotal)			60.00	2,308.31		5,648,485.00
SPOT						
Spot	Leiostomus xanthurus	2014	9,936,147.07			
Spot	Leiostomus xanthurus	2014		133.90		
Spot - landings	Leiostomus xanthurus				**	630,883.00
SPOT (Subtotal)			9,936,147.07	133.90		630,883.00
SPOTTAIL PINFISH						
Spottail pinfish	Diplodus holbrookii	2014		1,287.03		
Spottail pinfish - landings	Diplodus holbrookii				**	1,817.00
SPOTTAIL PINFISH (Subtotal)			0.00	1,287.03		1,817.00
SPOTTED SEATROUT						
Spotted seatrout	Cynoscion nebulosus	2014	32,442.64			
Spotted seatrout - landings	Cynoscion nebulosus				0.13	220,266.00
SPOTTED SEATROUT (Subtotal)			32,442.64	0.00		220,266.00
STAR DRUM						
Star drum	Stellifer lanceolatus	2014	7,564,196.83			
Star drum - landings						
STAR DRUM (Subtotal)			7,564,196.83	0.00		0.00
STURGEONS (GROUP)						
Sturgeons (group)	Acipenser	2014	0.00			
Sturgeons (group) - landings	Acipenser					
STURGEONS (GROUP) (Subtotal)			0.00	0.00		0.00
SUMMER FLOUNDER						
Summer flounder	Paralichthys dentatus	2014	178,619.44			
Summer flounder	Paralichthys dentatus	2014		182.90		
Summer flounder - landings	Paralichthys dentatus				**	17,816.00
SUMMER FLOUNDER (Subtotal)			178,619.44	182.90		17,816.00
SWORDFISH						
Swordfish - North Atlantic	Xiphias gladius	2012- 2014	301,182.00			
Swordfish - landings	Xiphias gladius				0.07	4,115,317.00
SWORDFISH (Subtotal)			301,182.00	0.00		4,115,317.00
TIGER SHARK						
Tiger shark	Galeocerdo cuvier	2014	37,049.68			

Tiger shark	Galeocerdo cuvier	2014		3,644.65		
Tiger shark - landings	Galeocerdo cuvier				**	50,388.00
TIGER SHARK (Subtotal)			37,049.68	3,644.65		50,388.00
TILEFISH						
Tilefish	Lopholatilus chamaeleonticeps	2014		4,285.48		
Tilefish - landings	Lopholatilus chamaeleonticeps				**	813,037.00
TILEFISH (Subtotal)			0.00	4,285.48		813,037.00
TOAD FISHES (GROUP)						
Toad fishes (group)	Batrachoididae	2014		1,441.95		
Toad fishes (group) - landings	Batrachoididae					
TOAD FISHES (GROUP) (Subtotal)			0.00	1,441.95		0.00
TOMTATE						
Tomtate	Haemulon aurolineatum	2014		8,104.40		
Tomtate - landings						
TOMTATE (Subtotal)			0.00	8,104.40		0.00
TRIGGERFISHES (GROUP)						
Triggerfishes (group)	Balistidae	2014		383,856.71		
Triggerfishes (group) - landings	Balistidae					
TRIGGERFISHES (GROUP) (Subtotal)			0.00	383,856.71		0.00
TRUE EELS (GROUP)						
True eels (group)	Anguilliformes	2014		11.89		
True eels (group) - landings	Anguilliformes					
TRUE EELS (GROUP) (Subtotal)			0.00	11.89		0.00
TUNAS (GROUP)						
Tunas (group)	Thunnus	2014		47.05		
Tunas (group) - landings	Thunnus					
TUNAS (GROUP) (Subtotal)			0.00	47.05		0.00
VERMILION SNAPPER						
Vermilion snapper	Rhomboplites aurorubens	2014	17,008.88			
Vermilion snapper	Rhomboplites aurorubens	2014		554,492.27		
Vermilion snapper - landings	Rhomboplites aurorubens				**	372,939.00
VERMILION SNAPPER (Subtotal)			17,008.88	554,492.27		372,939.00
WAHOO						

Wahoo	Acanthocybium solandri	2014		32.16		
Wahoo - landings	Acanthocybium solandri				**	41,970.00
WAHOO (Subtotal)			0.00	32.16		41,970.00
WARSAW GROUPER						
Warsaw grouper	Epinephelus nigritus	2014		243.16		
Warsaw grouper - landings	Epinephelus nigritus				**	15,273.00
WARSAW GROUPER (Subtotal)			0.00	243.16		15,273.00
WEAKFISH						
Weakfish	Cynoscion regalis	2014	7,269,354.42			
Weakfish	Cynoscion regalis	2014		124.92		
Weakfish - landings	Cynoscion regalis				**	94,831.00
WEAKFISH (Subtotal)			7,269,354.42	124.92		94,831.00
WHITE GRUNT						
White grunt	Haemulon plumierii	2014		8,018.64		
White grunt - landings	Haemulon plumierii				**	21.00
WHITE GRUNT (Subtotal)			0.00	8,018.64		21.00
WHITE MARLIN						
White marlin - Atlantic	Kajikia albida	2012-2014	24,277.00			
White marlin - landings						
WHITE MARLIN (Subtotal)			24,277.00	0.00		0.00
WHITE SHARK						
White shark	Carcharodon carcharias	2014		3.94		
White shark - landings						
WHITE SHARK (Subtotal)			0.00	3.94		0.00
YELLOWEDGE GROUPER						
Yellowedge grouper	Epinephelus flavolimbatus	2014		884.21		
Yellowedge grouper - landings	Epinephelus flavolimbatus				**	574,170.00
YELLOWEDGE GROUPER (Subtotal)			0.00	884.21		574,170.00
YELLOWFIN MENHADEN						
Yellowfin menhaden	Brevoortia smithi	2014		312.30		
Yellowfin menhaden - landings						
YELLOWFIN MENHADEN (Subtotal)			0.00	312.30		0.00
YELLOWFIN TUNA						

Yellowfin tuna - Atlantic	Thunnus albacares	2012-2014	88,389.00		
Yellowfin tuna	Thunnus albacares	2014		507.13	
Yellowfin tuna - landings	Thunnus albacares				** 3,606,961.00
YELLOWFIN TUNA (Subtotal)			88,389.00	507.13	3,606,961.00
YELLOWTAIL SNAPPER					
Yellowtail snapper	Ocyurus chrysurus	2014		473,663.54	
Yellowtail snapper - landings	Ocyurus chrysurus				** 161,086.00
YELLOWTAIL SNAPPER (Subtotal)			0.00	473,663.54	161,086.00
GRAND TOTAL			337,466,673.02	5,367,408.00	37,659,598.00

FOOTNOTES

a For GOM Reef Fish Vertical Line Fishery, the estimate is a weighted mean of discards for years 2011-13 (see SEDAR 43); the CV is the midpoint of the 1.58-3.85 range among strata. For SATL Snapper-Grouper Vertical Line Fishery, SEDAR 41 see data workshop report for more information; the CV is the midpoint of the 7.71-11.97 range among strata. For the GOM Reef Fish Bottom Longline Fishery, the estimate is a weighted mean of discards for years 2011-13 (see SEDAR 43); the CV is the midpoint of the 2.94-16.34 range among strata.

b See SEDAR 50 data workshop report for more information.

c For SATL Snapper-Grouper Vertical Line Fishery, see SEDAR 56 assessment report for more information.

d For GOM Reef Fish Vertical Line Fishery, see the SEDAR 49 data workshop report for more information. For the GOM Reef Fish Bottom Longline Fishery, the SEDAR 49 data workshop report for more information; the CV is the midpoint of the 2.8-3.0 range among strata.

e For the GOM Reef Fish Vertical Line Fishery, the estimate is a weighted mean of discards for years 2011-13 (see SEDAR 42); the CV is the midpoint of the 0.64-5.45 range among strata. For the SATL Snapper-Grouper Vertical Line Fishery, see the SEDAR 53 data workshop report for more information; the CV is the midpoint of the 1.41-25.10 range among strata. For the GOM Reef Fish Bottom Longline Fishery, the estimate is a weighted mean of discards for years 2011-13 (see SEDAR 42); the CV is the midpoint of the 0.57-1.79 range among strata.

f For the GOM Reef Fish Vertical Line Fishery, see SEDAR 49 data workshop report for additional information. For the GOM Reef Fish Bottom Longline Fishery, see the SEDAR 49 data workshop report for more information; the CV is the midpoint of the 1.41-4.9 range among strata.

g For the GOM Reef Fish Vertical Line Fishery, the estimate is a weighted mean of discards for years 2010-12 (see SEDAR 15 update for 2015); estimate total includes Gulf of Mexico and South Atlantic; the CV is the midpoint of the 0.62-0.74 range among years.

h For the GOM Reef Fish Vertical Line Fishery, the estimate is a weighted mean of discards for years 2011-13 (see SEDAR 31 2014 update); the CV is the midpoint of the 1.98-8.95 range among strata. For the GOM Reef Fish Bottom Longline Fishery, the estimate is a weighted mean of discards for years 2011-13 (see SEDAR 31 2014 update); the CV is the midpoint of the 1.21-10.54 range among strata.

i For the GOM Reef Fish Vertical Line Fishery and GOM Reef Fish Bottom Longline Fishery, see SEDAR 51 data workshop report for more information.

j For the GOM Reef Fish Vertical Line Fishery, see the SEDAR GOM 2016 assessment update for more information; the CV is the midpoint of the 3.51-6.29 range among strata. For the GOM Reef Fish Bottom Longline Fishery, see SEDAR GOM 2016 assessment update for more information.

k For the SATL Snapper-Grouper Vertical Line Fishery, the estimate is a weighted mean of discards for years 2009-11 (see SEDAR update 2012); the CV is the midpoint of the 1.72-4.59 range among strata.

l For the GOM Reef Fish Vertical Line Fishery, see SEDAR 45 data workshop report for more information; the CV is the midpoint of the 1.41-2.35 range among strata. For the GOM Reef Fish Bottom Longline Fishery, see SEDAR 45 data workshop report for more information.

m For the GOM Reef Fish Vertical Line Fishery, see SEDAR GOM 2016 assessment update for more information; the CV is the midpoint of the 2.68-3.3 range among strata. For the GOM Reef Fish Bottom Longline Fishery, see SEDAR GOM 2016 assessment update for more information; the CV is the midpoint of the 1.13-1.73 range among strata.