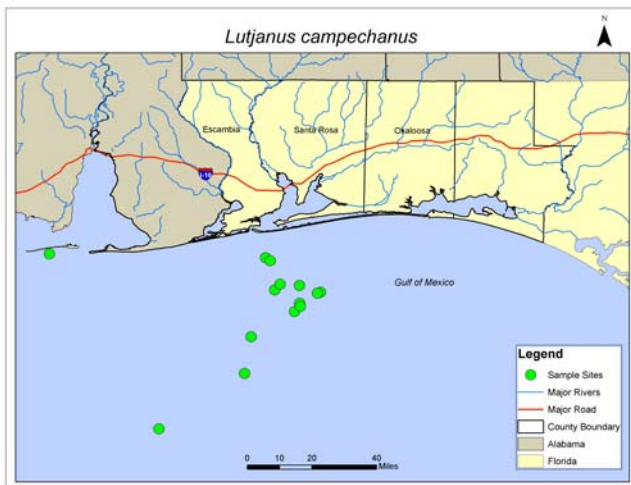




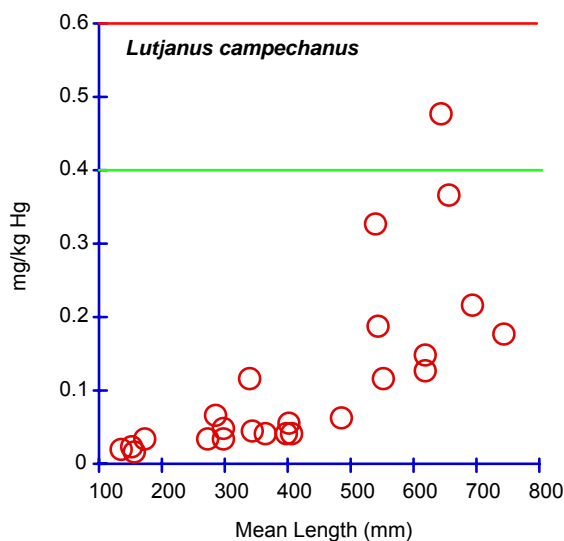
**Red Snapper**  
*Lutjanus campechanus*

**Sample Locations**



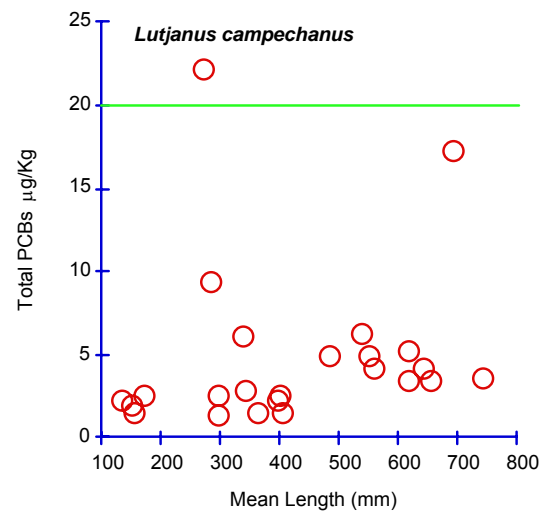
Forty-two fish in 24 samples were collected from offshore reefs, with smaller sized fish making up composites of 2 to 6 fish. Mercury content increased with size, with larger fish approaching the US EPA screening value and one fish exceeding it. PCB content was generally low with one larger fish close to the US EPA screening value and one smaller fish exceeding it. TEQ values followed a similar pattern, with only one smaller fish exceeding the screening value.

**Mercury Content**

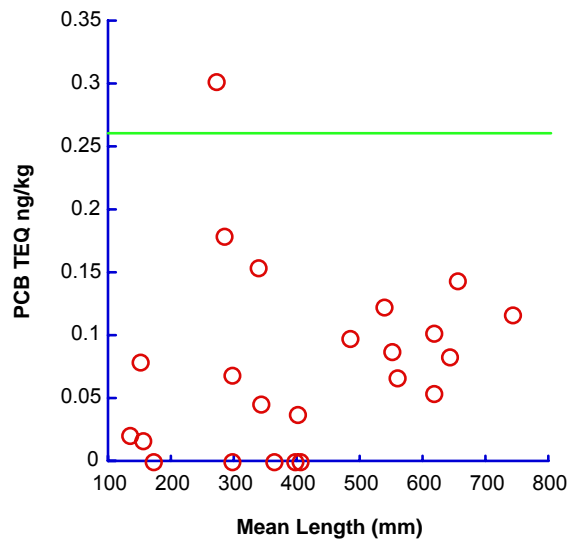


Red line: State of Florida action limit at 0.6 mg/kg.  
Green line: US EPA recreational consumption action limit at 0.4 mg/kg.

**PCB Content**



Red line: State of Florida action limit at 50 µg/kg.  
Green line: US EPA recreational consumption action limit at 20 µg/kg.



Toxicity of PCBs (TEQ<sub>P</sub>) in Red Snapper from offshore Pensacola, FL. The green line is the US EPA recreational consumption action limit at 0.256 ng/kg.

Location	n	Mean Length (mm)	Mean Weight (g)	% Lipid	TEQ <sub>P</sub> ng/kg ND=0	ΣPCBs ug/kg	Hg mg/kg	LAT	LONG
Inshore	3	130	76.1	1.90	0.0215	2.23	0.023	30.208	-87.120
Inshore	2	170	146.2	0.10	0.0011	2.64	0.037	30.208	-87.120
Offshore midshelf	2	295	480.0	0.20	0.0686	2.631	0.05	30.189	-87.218
Offshore midshelf	3	337	770.0	1.70	0.1550	6.13	0.12	30.189	-87.218
Offshore midshelf	1	400	960.0	0.10	0.0380	2.600	0.06	30.202	-87.239
Offshore midshelf	1	550	2300.0	0.20	0.0881	4.980	0.12	30.202	-87.239
Offshore midshelf	1	613	3400.0	0.50	0.1030	5.315	0.13	30.202	-87.239
midshelf reef permit zone	1	295	380.0	0.40	0.0006	1.477	0.036	30.083	-87.174
midshelf reef permit zone	1	338	550.0	0.70	0.0475	2.86	0.049	30.083	-87.174
midshelf reef permit zone	1	614	316.0	0.10	0.0559	3.505	0.15	30.058	-87.198
Offshore outer shelf	4	151	122.9	0.60	0.0809	1.97	0.028	29.961	-87.110
Offshore outer shelf	6	153	131.3	0.20	0.0171	1.597	0.021	29.984	-87.084
Offshore outer shelf	1	270	620.0	0.13	<b>0.3024</b>	<b>22.300</b>	0.038	30.043	-87.007
Offshore outer shelf	1	280	690.0	0.15	0.1801	9.370	0.07	30.043	-87.007
Offshore outer shelf	1	362	652.8	0.70	0.0005	1.55	0.043	29.998	-87.086
Offshore outer shelf	1	395	780.0	0.10	0.0012	2.35	0.044	29.998	-87.086
Offshore outer shelf	1	401	920.0	0.10	0.0005	1.54	0.044	29.998	-87.086
Offshore outer shelf	1	480	1520.0	1.50	0.0995	4.92	0.066	29.998	-87.086
Offshore outer shelf	1	535	4480.0	0.40	0.1231	6.323	0.33	29.683	-87.333
Offshore outer shelf	4	540	220.3				0.19		
Offshore outer shelf	1	558	2610.0	1.70	0.0676	4.23		30.078	-87.087
Offshore outer shelf	1	640	7600.0	0.40	0.0845	4.180	<b>0.48</b>	29.433	-87.717
Offshore outer shelf	1	652	3690.0	0.10	0.1456	3.512	0.37	29.998	-87.086
Offshore outer shelf	1	690	1068.0	0.50		17.37	0.22	30.220	-88.208
Offshore outer shelf	1	740	5680.0	0.00	0.1184	3.576	0.18	29.847	-87.304