

Important Fisheries of the Tidal Potomac River

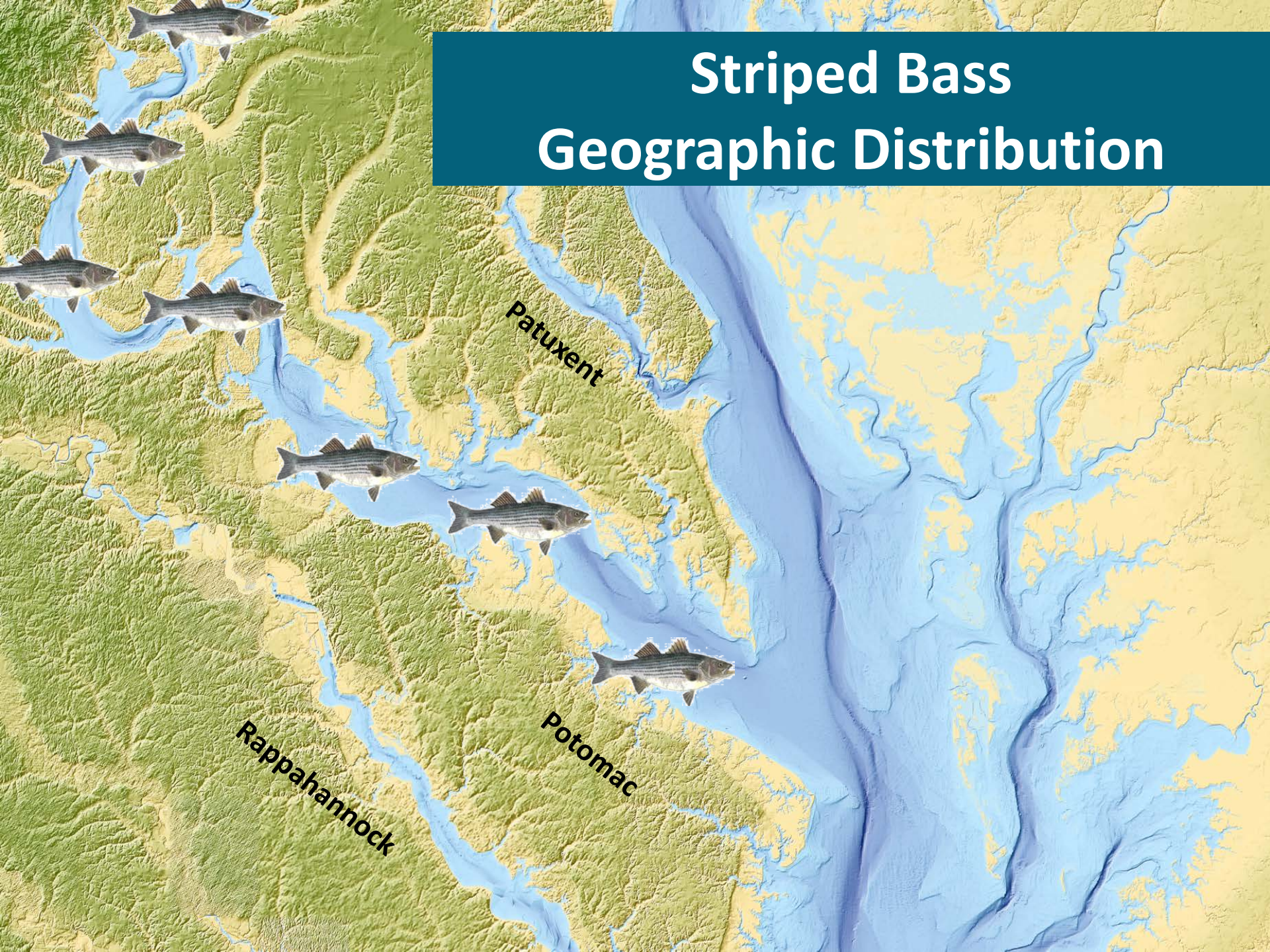
Biological Metrics & Economic Implications



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Striped Bass Geographic Distribution

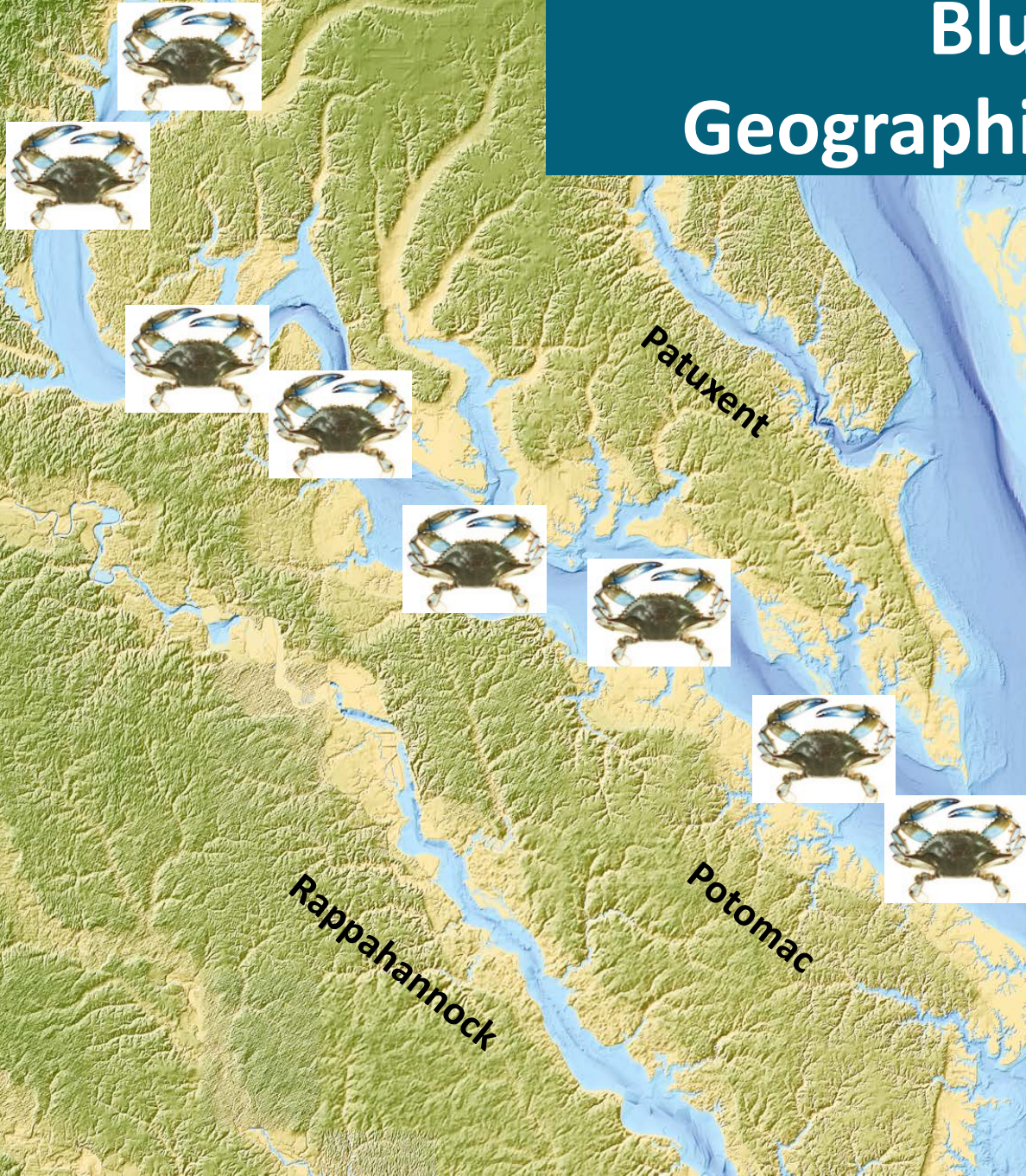


Potomac Striped Bass Fisheries

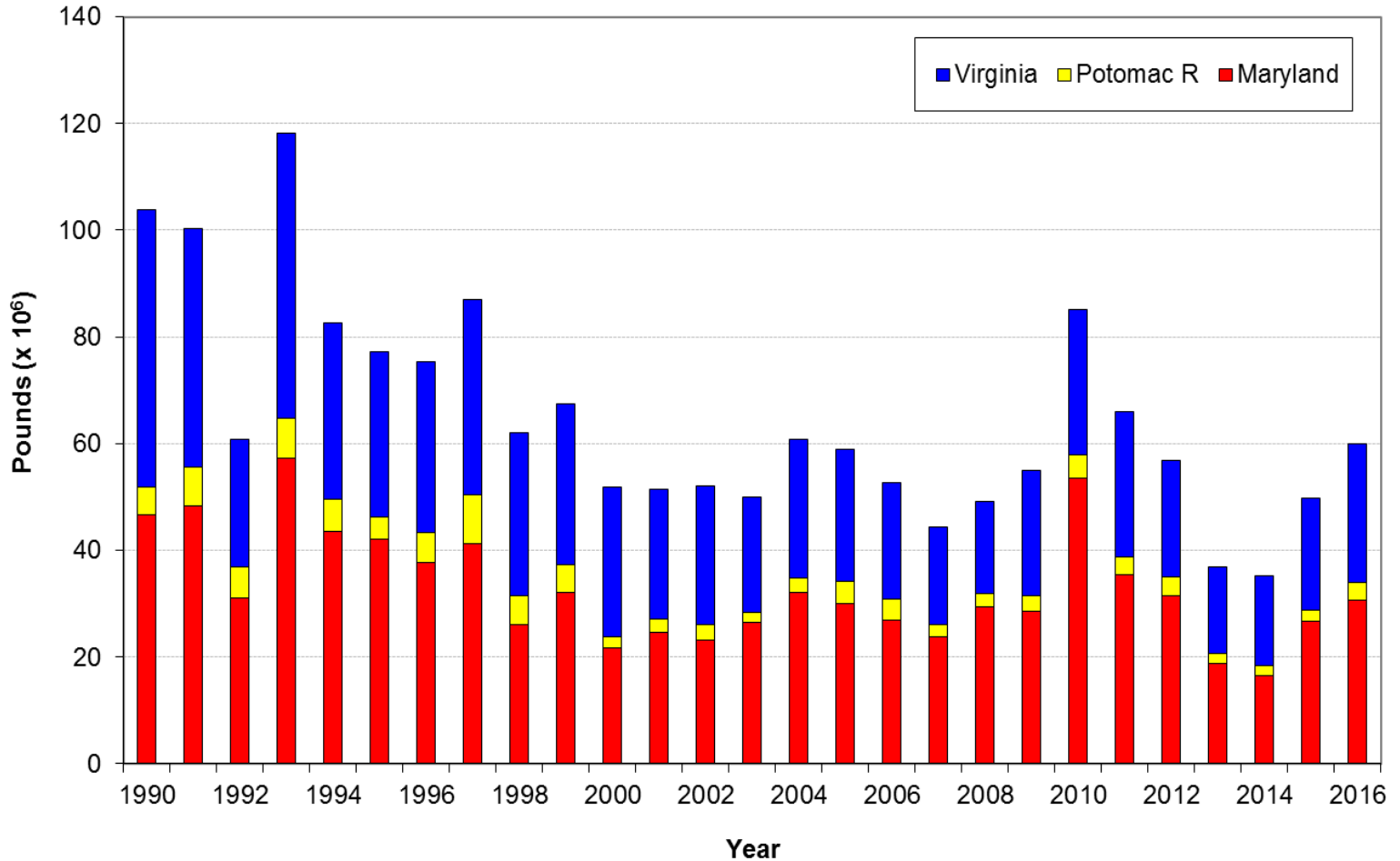
2016 Commercial Harvest and Other Losses				Data source:	
Region	Addendum IV Quota	2016 Quota	Landings (Pounds)	Landings (number of fish)	Mean Fish Weight
Potomac River		583,362 lbs.	519,803	70,737	7.35
Estimate of any other commercial fish loss, if possible (e.g., bycatch, poaching, and personal consumption):					
Estimate of commercial fishing effort where possible (e.g., days fished, total trips, etc.):					

	<u># of Fish</u>	<u>Pounds</u>	<u>Mean Fish Wt.</u>	<u>Effort Data (Units)</u>
Commercial				
Gill Net	42,746	358,444	8.38	2,485,454 (yds)
Pound Net	20,469	116,796	5.71	700 (net days)
Hook and Line	6,719	38,105	5.67	6,574 (hrs.)
Miscellaneous	<u>803</u>	<u>6,458</u>	8.04	98 (gear days)
Sub-Total	70,737	519,803		

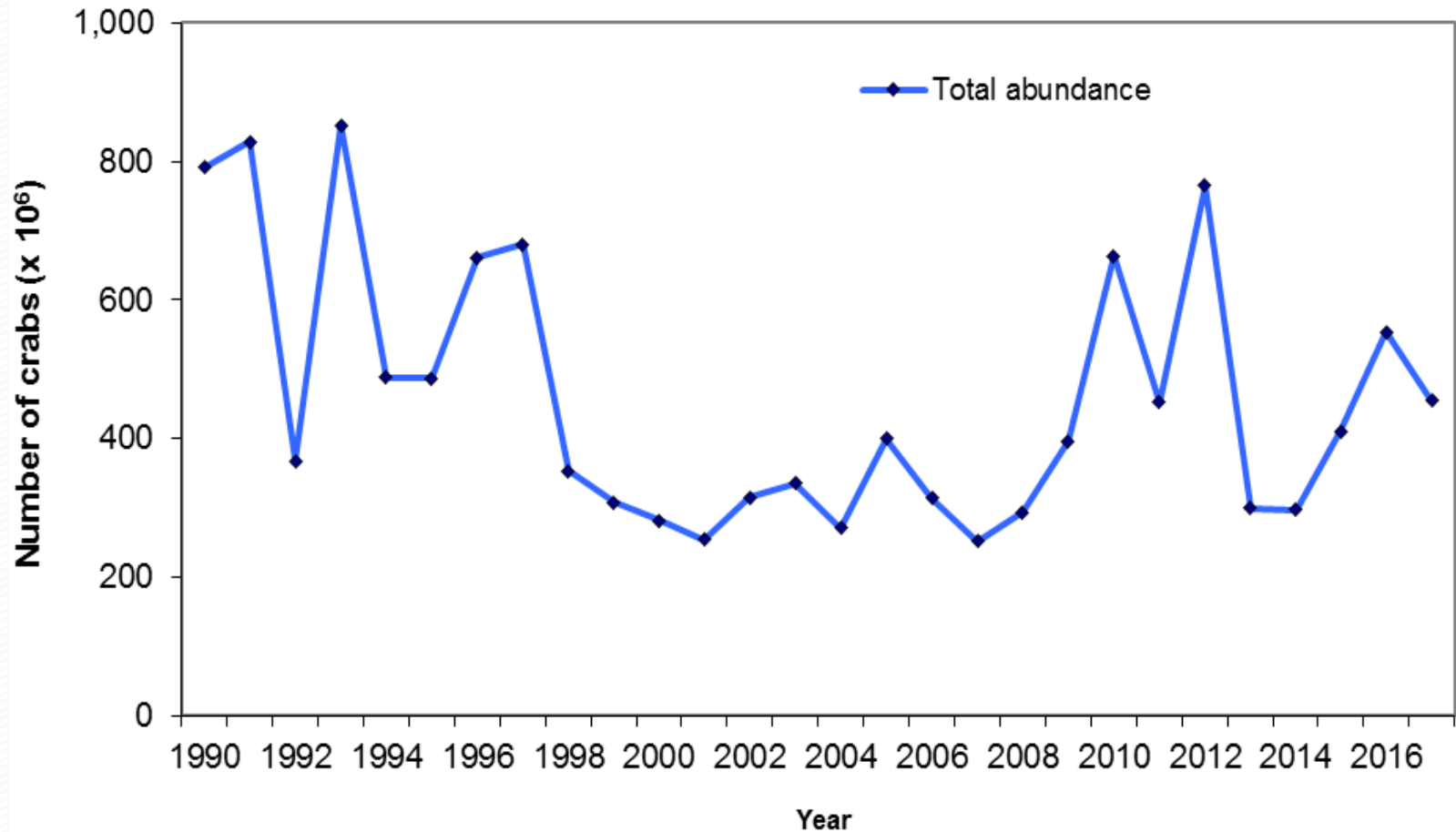
Blue Crab Geographic Distribution



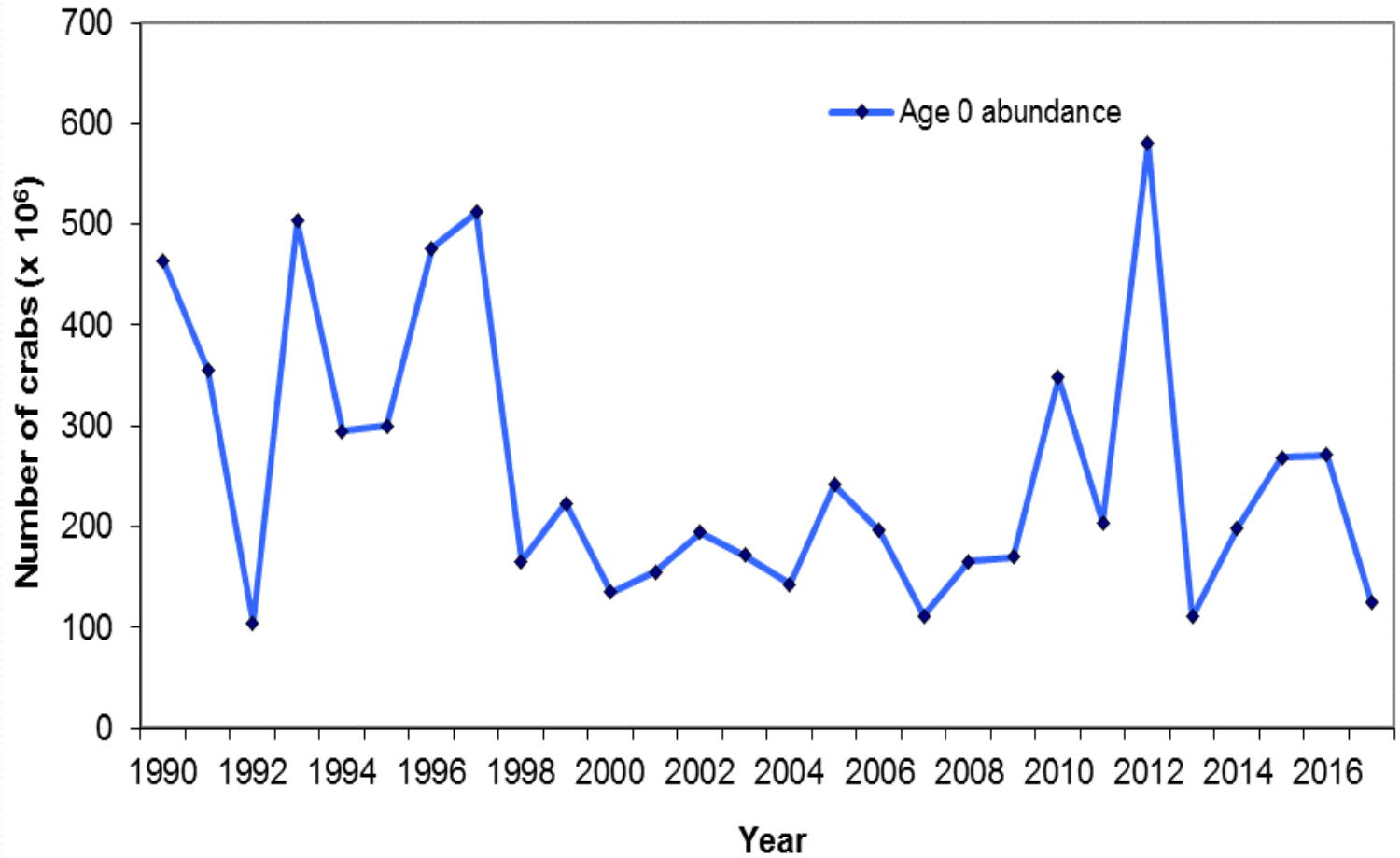
Bay & Potomac Blue Crab Fishery



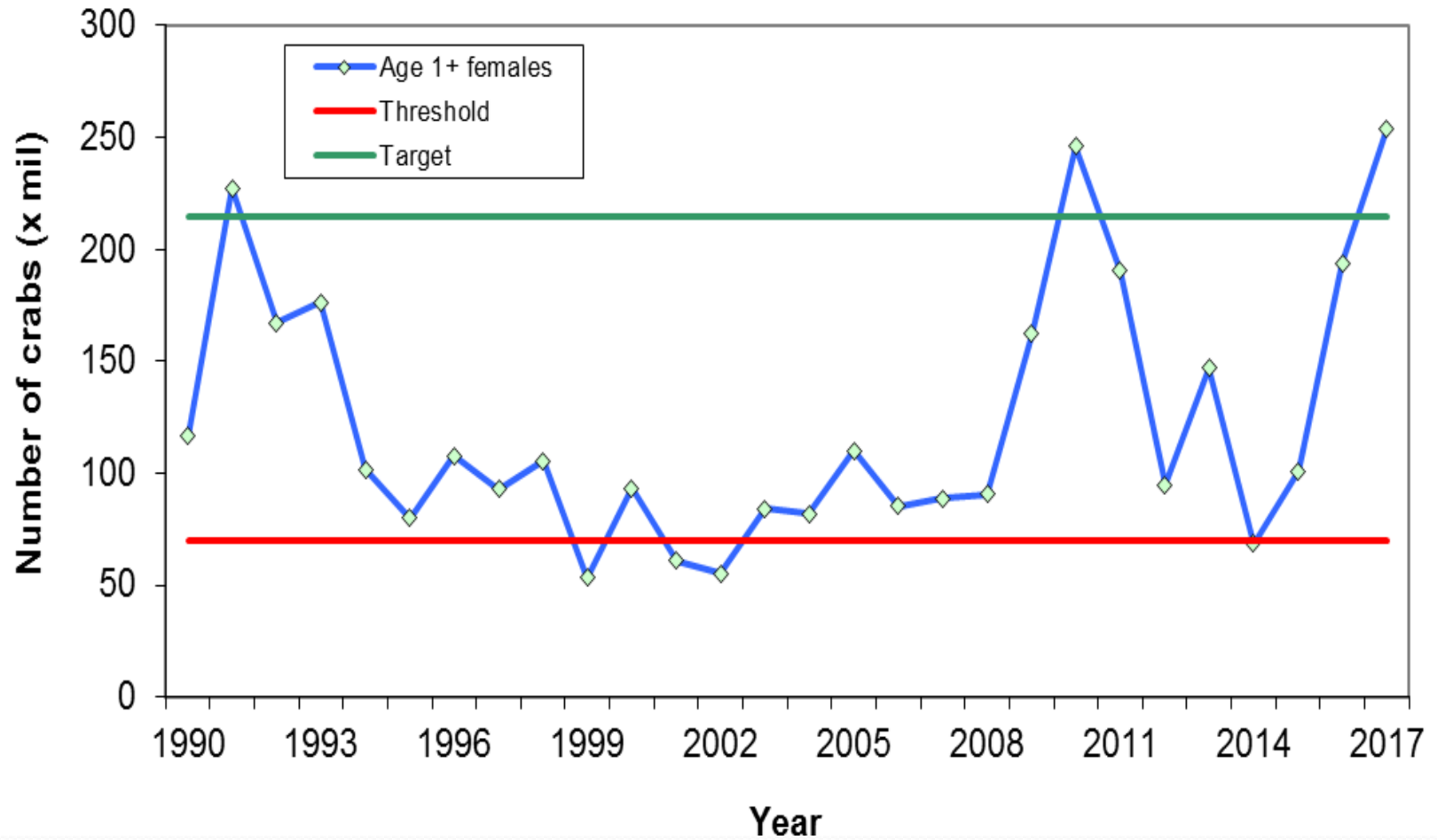
Total crab abundance



Recruits

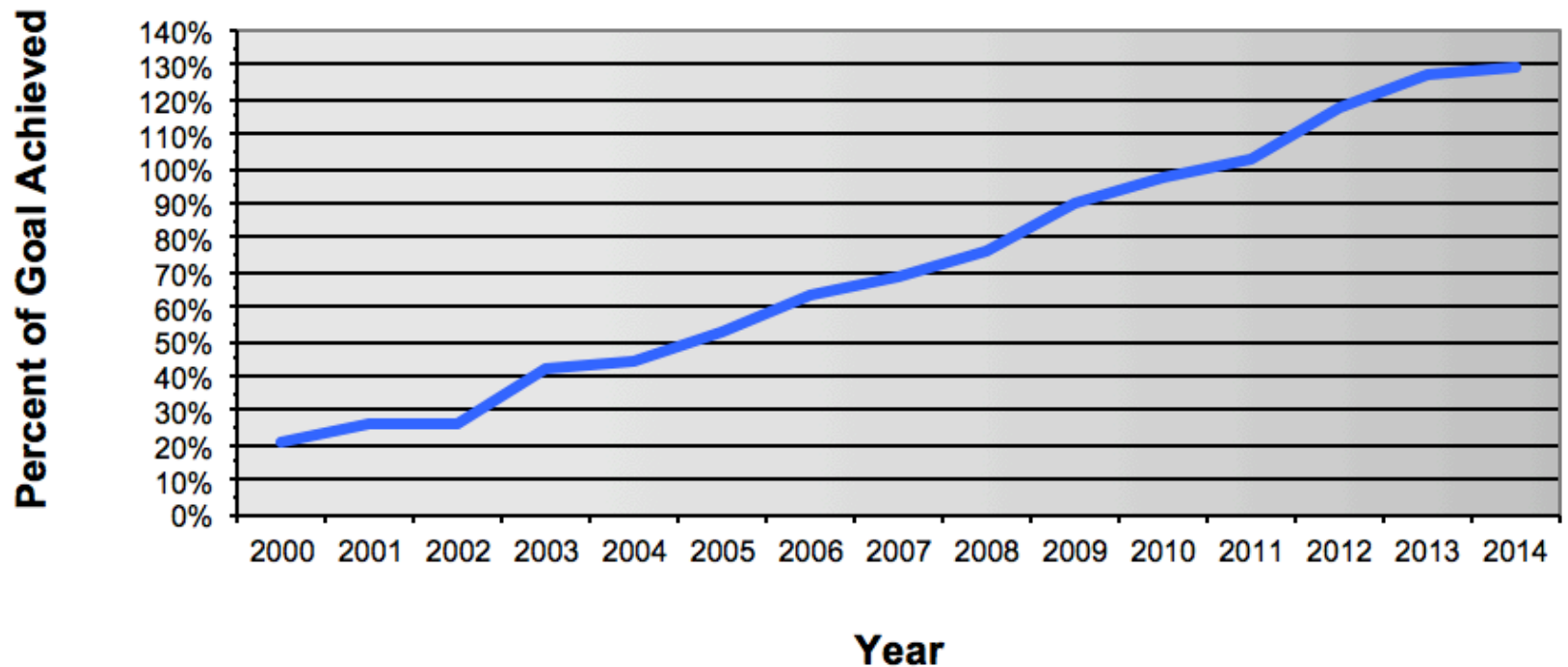


Adult females



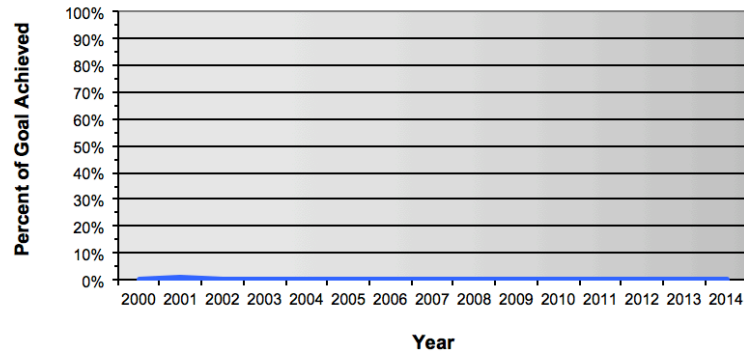
American Shad in the Potomac River

Shad Returning to the Potomac River

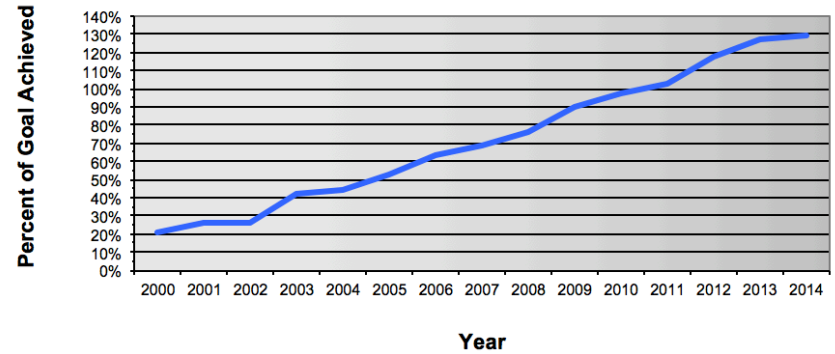


American Shad Return Comparison

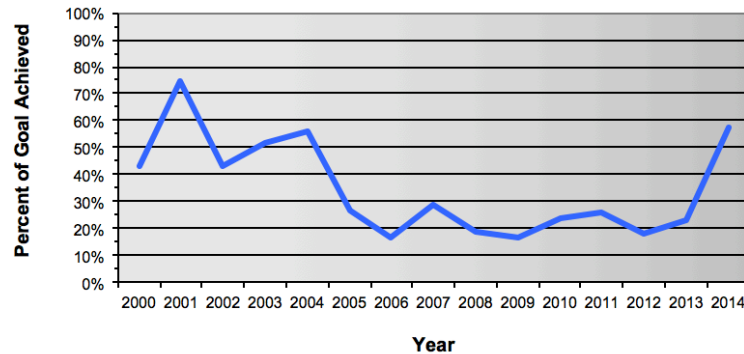
Shad Returning to the Susquehanna River



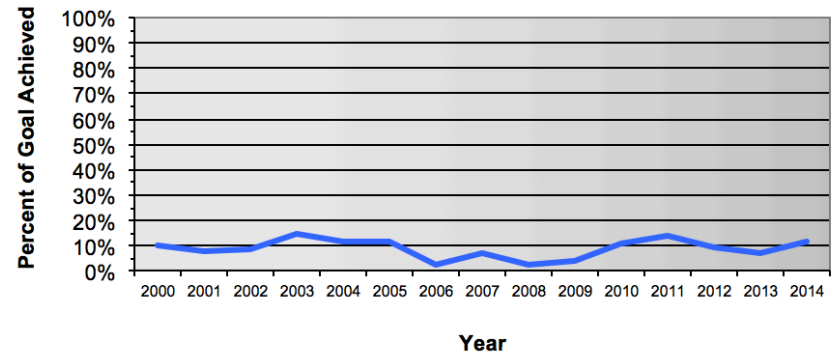
Shad Returning to the Potomac River



Shad Returning to the York River



Shad Returning to the James River



Potomac Atlantic Menhaden Fishery

Potomac River Commercial Menhaden Harvest							
Harvest in Pounds and Metric Tons, with Percent of Harvest by Pound Nets							
Year	Total Pounds	Total MT	% by PN	Year	Total Pounds	Total MT	% by PN
1964	6,781,993	3,076.3		1991	5,376,264	2,438.6	100.0%
1965	7,235,827	3,282.1		1992	5,061,565	2,295.9	100.0%
1966	5,776,200	2,620.0		1993	7,884,001	3,576.1	99.8%
1967	2,955,967	1,340.8		1994	6,680,937	3,030.4	100.0%
1968	2,622,760	1,189.7		1995	7,002,818	3,176.4	100.0%
1969	2,098,808	952.0		1996	5,111,423	2,318.5	100.0%
1970	4,290,459	1,946.1		1997	5,757,370	2,611.5	100.0%
1971	3,542,921	1,607.0		1998	3,980,738	1,805.6	99.4%
1972	6,156,529	2,792.6		1999	4,860,883	2,204.9	99.9%
1973	11,162,850	5,063.4		2000	5,023,374	2,278.6	99.7%
1974	9,831,072	4,459.3		2001	3,329,035	1,510.0	99.7%
1975	10,542,082	4,781.8		2002	3,122,050	1,416.1	99.7%
1976	11,817,553	5,360.4	91.6%	2003	2,438,790	1,106.2	99.0%
1977	19,969,104	9,057.8	91.9%	2004	5,411,043	2,454.4	99.8%
1978	17,298,486	7,846.5	98.7%	2005	4,759,905	2,159.1	99.8%
1979	14,436,804	6,548.4	96.2%	2006	3,413,517	1,548.3	99.9%
1980	18,721,387	8,491.9	100.0%	2007	5,036,906	2,284.7	99.9%
1981	20,366,865	9,238.3	100.0%	2008	4,820,645	2,186.6	99.9%
1982	17,989,434	8,159.9	100.0%	2009	3,191,905	1,447.8	99.7%
1983	20,820,945	9,444.2	100.0%	2010	2,790,728	1,265.9	99.7%
1984	13,121,597	5,951.9	99.9%	2011	2,759,597	1,251.7	99.7%
1985	16,768,889	7,606.2	100.0%	2012	5,892,228	2,672.7	99.3%
1986	10,971,973	4,976.8	99.8%	2013	3,295,295	1,494.7	99.9%
1987	13,120,698	5,951.5	100.0%	2014	3,175,893	1,440.5	99.5%
1988	13,231,368	6,001.7	100.0%	2015	2,739,035	1,242.4	99.9%
1989	8,334,174	3,780.3	100.0%	2016	2,504,823	1,136.2	99.6%
1990	4,523,776	2,052.0	100.0%				

Potomac Atlantic Menhaden Fishery



Potomac Oyster Fishery

- Management by Special Management Area Designation (SMAs)
- Rotational SMAs
- Aquaculture SMAs
- Ecological SMAs
- Experimental SMAs

Potomac Oyster Fishery



Potomac Oyster Fishery



Invasive Blue Catfish Making Lemonade out of Lemons





END