

# A Day in the Life of the Hudson and Harbor 2018: Fishing *Teacher Version*

Your site: \_\_\_\_\_ What did you catch or see on Oct 16<sup>th</sup>? \_\_\_\_\_

Students with seine nets, catch-and-release traps, and fishing poles caught fish throughout the estuary on A Day in the Life of the Hudson and Harbor. Here are the results from just a few of the many sites:



Two of the fish caught this year, striped bass (left) and seahorse (right)

River Mile	Site	Striped bass	Atlantic silverside	Tautog	Seahorse	Banded killifish	Spottail shiner
RM 125	Nutten Hook	7				4	46
RM 123	Coxsackie					7	19
RM 97	Ulster Landing, Kingston	9				3	18
RM 84	Norrie Point	1				4	5
RM 45	West Point	2				2	1
RM 39	Stony Point	23					
RM 25	Piermont Pier	47	2				
RM 22	Hastings-on-Hudson	1	1				
RM 18	Beczak, Yonkers	12	80				
East River	Brooklyn Bridge Park				1		
NY Harbor	Pier 1, Staten Island	1		1			
Fill in the totals:		103	83	1	1	20	89

Answer the questions below based on the table above.

- Which species was caught in the most places (on the list) on October 16<sup>th</sup>?

*Striped bass*

- In the Hudson River Estuary, the water near the ocean is salty, while further upriver it is fresh. The leading edge of salty water is called the **salt front**. Atlantic silversides can be found pushing right up to the edge of the salt front. Based on the northernmost site listed here with Atlantic silversides, where would you estimate the location of the salt front on October 16<sup>th</sup>?

*Piermont*

- Based on the location of the salt front, which of the listed fish species are found mainly in saltwater?

*Tautog, seahorse, Atlantic silversides*

- Which species are found mainly in freshwater?

*Banded killifish and spottail shiner*

- Which species is likely to be found throughout the whole estuary, in both fresh and salty water?

*Striped bass*