

Data Dictionary for Dataset: Horseshoe Crab Spawning Survey

Column	Column Name / Field Name	Description
A	Year	Year of survey
B	DE % Female Spawning in May	Proportion of females recorded during May of a given survey year on Delaware beaches
C	NJ % Female Spawning in May	Proportion of females recorded during May of a given survey year on New Jersey Beaches
D	Avg. Daily Water Teamp. In May (°C)	Average of daily water temperatures recorded at the National Ocean Service station at Lewes, DE (Station Identification Number 8557380) during the month of May in °Celsius
E	Baywide Spawning Activity Lunar Period 1	The mean of the total number of female crabs per total area available for the spawning survey on all surveyed beaches. The first moon phase (new or full) in May around which surveying begins - 2 days before, day of, 2 days after.
F	Baywide Spawning Activity Lunar Period 2	The mean of the total number of female crabs per total area available for the spawning survey on all surveyed beaches. The second moon phase (new or full) in May around which surveying occurs - 2 days before, day of, 2 days after.
G	Baywide Spawning Activity Lunar Period 3	The mean of the total number of female crabs per total area available for the spawning survey on all surveyed beaches. The first moon phase (new or full) in June around which surveying occurs - 2 days before, day of, 2 days after
H	Baywide Spawning Activity Lunar Period 3	The mean of the total number of female crabs per total area available for the spawning survey on all surveyed beaches. The second moon phase (new or full) in June around which surveying occurs - 2 days before, day of, 2 days after (typically the last period of surveying).
I	Number of Males per Female	The number of males observed in a given spawning season per female observed during that same season.
J	Total Beaches Surveyed	Number of beaches on which the standardized form of the spawning survey was conducted baywide
K	Baywide Male Spawning Activity	The mean of the total number of male crabs per total area available for the spawning survey on all surveyed beaches.
L	Baywide Male 90% CI Lower Limit	90% Confidence Interval - Lower limit of values where there exists a 90% probability of male horseshoe crab spawning activity

M	Baywide Male 90% CI Upper Limit	90% Confidence Interval - Upper limit of values where there exists a 90% probability of male horseshoe crab spawning activity
N	Baywide Male SD	Standard Deviation - Statistical variation of ISA values for males
O	Baywide Male CV	Coefficient of variation - Unitless description of the amount of variation relative to the mean ISA, expressed as a percentage for males
P	Baywide Female Spawning Activity	Index of female horseshoe crab spawning activity - mean number of female crabs per square meter per night for Delaware and New Jersey beaches
Q	Baywide Female 90% CI Lower Limit	90% Confidence Interval - Lower limit of values where there exists a 90% probability of female horseshoe crab spawning activity
R	Baywide Female 90% CI Upper Limit	90% Confidence Interval - Upper limit of values where there exists a 90% probability of female horseshoe crab spawning activity
S	Baywide Female SD	Standard Deviation - Statistical variation of Index of Spawning Activity (ISA) values for females
T	Baywide Female CV	Coefficient of variation - Unitless description of the amount of variation relative to the mean Index of Spawning Activity (ISA), expressed as a percentage for females
U	DE Beaches Surveyed	Number of beaches on which the standardized form of the spawning survey was conducted in Delaware
V	DE Male Spawning Activity	The mean of the total number of male crabs per total area available for the spawning survey on all DE surveyed beaches
W	DE Male 90% CI Lower Limit	90% Confidence Interval - Lower limit of values where there exists a 90% probability of male horseshoe crab spawning activity in Delaware
X	DE Male 90% CI Upper Limit	90% Confidence Interval - Upper limit of values where there exists a 90% probability of male horseshoe crab spawning activity in Delaware
Y	DE Female Spawning Activity	The mean of the total number of female crabs per total area available for the spawning survey on all DE surveyed beaches
Z	DE Female 90% CI Lower Limit	90% Confidence Interval - Lower limit of values where there exists a 90% probability of female horseshoe crab spawning activity in Delaware
AA	DE Female 90% CI Upper Limit	90% Confidence Interval - Upper limit of values where there exists a 90% probability of female horseshoe crab spawning activity in Delaware
AB	NJ Beaches Surveyed	Number of beaches on which the standardized form of the spawning survey was conducted in New Jersey
AC	NJ Male Spawning Activity	The mean of the total number of male crabs per total area available for the spawning survey on all NJ

		surveyed beaches
AD	NJ Male 90% CI Lower Limit	90% Confidence Interval - Lower limit of values where there exists a 90% probability of male horseshoe crab spawning activity in New Jersey
AE	NJ Male 90% CI Upper Limit	90% Confidence Interval - Upper limit of values where there exists a 90% probability of male horseshoe crab spawning activity in New Jersey
AF	NJ Female Spawning Activity	The mean of the total number of female crabs per total area available for the spawning survey on all NJ surveyed beaches
AG	NJ Female 90% CI Lower Limit	90% Confidence Interval - Lower limit of values where there exists a 90% probability of female horseshoe crab spawning activity in New Jersey
AH	NJ Female 90% CI Upper Limit	90% Confidence Interval - Upper limit of values where there exists a 90% probability of female horseshoe crab spawning activity in New Jersey