

Variable Name	Variable Label	Required	Format	Description
Program	NS&T Program Code	yes	char(2)	A code storing all NS&T nationwide programs.
Program Name	NS&T Program Description	yes	char(30)	The names of all NS&T nationwide programs.
Study	NS&T Study Code	yes	Char (10)	A code which identifies the study to which the record belongs.
Study Name	NS&T Study Description	no	Char (100)	The name of the study.
Metadata_Key	Metadata Key	no	Char (100)	The link to the study's metadata file in NOS Data Explorer
NST_Site	NST Site Code	Yes	char(11)	A geographic location label which defines the NS&T sampling site name (site).
Lat_DD	Latitude (Decimal Degrees)	Yes	Num(8)	The latitude of the site expressed in decimal degrees.
Lon_DD	Longitude (Decimal Degrees)	Yes	Num(8)	The longitude of the site expressed in decimal degrees.
Gen_Loc	General Location	no	char(50)	This is the general location of the NS&T site.
Spec_Loc	Specific Location	no	char(50)	This is the specific location of the NS&T site.
State_Abbr	State	no	char(2)	State Abbreviation
State_Name	State Name	no	char(25)	State Name
Sub_Region	Sub Region	no	char(7)	Sub Region
CEA_ID	Coastal Ecological Area Code	yes	Num(11)	NS&Ts Coastal Ecological Area Code. These codes split the US into multiple regions allowing the user to easily select all data in a specific area.
CEA_Name	Coastal Ecological Area Name	no	char(50)	NS&T Coastal Ecological Area Name.
Reg_Cd	Region Code	no	char(2)	The NS&T Region Code
Reg_Nm	Region Name	no	char(30)	The NS&T Region Name
NST_Sample_ID	NST Sample Identification Code	yes	char(20)	An identifier used to uniquely identify a sample. This variable combines Program, FYear, NST_Site, Station and Species Code.
Lab_Sample_ID	Lab Sample Identification Code	no	char(12)	The Sample ID used by the reporting agency to identify a specific sample and method
Method	Method	yes	char(20)	Abbreviated analytical method used to analyze similar parameters
FYear	Fiscal Year	yes	Num(6)	The fiscal year in which the sample was collected and analyzed
Lab_Cd	Laboratory Code	yes	char(10)	A code which identifies which laboratory was responsible for ensuring the sample was analyzed
Batch	Extraction Batch	no	char(10)	The code grouping all samples processed in the same batch for a given method
Matrix	Matrix	yes	char(3)	A 3-letter code which identifies the sample matrix.

Matrix Description	Description	yes	char(20)	The name of the matrix
Species_Cd	Species Code	yes	char(3)	A 2 or 3 letter code which identifies the scientific species name.
Common Nm	Common Name	no	char(100)	The common name of each species analyzed by NS&T.
Scientific Nm	Scientific Name	no	char(200)	The scientific name of each species analyzed by NS&T.
Col_Date	Collection Date	no	Date/Time (20)	The date the sample was collected
Rec_Date	Date Received	no	Date/Time (20)	The date the sample was received by the laboratory
Prep_Date	Preparation Date	no	Date/Time (20)	The date that the sample was prepared to be analyzed by the given method
Analysis_Date	Analysis Date	no	Date/Time (20)	The date that the sample was analyzed by the given method
Parameter_Cd	Parameter Code	yes	char(20)	Abbreviated name of parameter
Parameter_Nm	Parameter Name	yes	char(100)	Name of parameter
Indicator Cd	Indicator Code	yes	char(4)	A code which identifies the group to which an NS&T parameter belongs
Indicator Nm	Indicator Name	no	char(20)	The name of the group to which an NS&T parameter belongs
Group_Cd	Group Code	yes	char(10)	A code which identifies the specific group to which an NS&T parameter belongs
Group_Nm	Group Name	yes	char(100)	The name of the subgroup to which an NS&T parameter belongs
Conc	Result	yes	Num(8)	The measured result from the analyzed parameter
Qual_Cd	Qualifier Code	no	char(2)	A code indicating whether there is something qualifying the result of the measured parameter in the measured sample.
Qual_Nm	Qualifier Name	yes	char(50)	The name of the situation qualifying the result of the measurement in a sample
Unit	Unit	yes	char(25)	A code which identifies the units used to measure the result of a given parameter in a sample
Unit Description	Unit Description	no	char(100)	The unit name in which the result for a parameter is expressed
Created	Created	no	Date/Time (20)	The date when the record was added to the database
Modified	Modified	no	Date/Time (20)	The latest date that the record was modified in the database