File Names:

SC_Volume_Data_RX_YYYY – Fifteen Minute short count volume data by direction for a given Region (RX) and Year (YYYY).

SC_Class_Data_RX_YYYY – Fifteen Minute short count class data by direction for a given Region (RX) and Year (YYYY).

SC_Speed_Data_RX_YYYY – Fifteen Minute short count speed data by direction for a given Region (RX) and Year (YYYY).

SC_Volume_AVGWD_RX_YYYY – Short count average weekday volume by direction for a given Region (RX) and Year (YYYY). Weekday data is defined as Monday 6am through Friday Noon.

SC_Class_AVGWD_RX_YYYY – Short count average weekday class distribution by direction for a given Region (RX) and Year (YYYY). Weekday data is defined as Monday 6am through Friday Noon.

SC_Speed_AVGWD_RX_YYYY – Short count average weekday speed distribution by direction for a given Region (RX) and Year (YYYY). Weekday data is defined as Monday 6am through Friday Noon.

Data Items

Header Items consistent in all data types:

RC_Station – Region-County-Station number, a seven character code uniquely identifying a traffic segment in NYS. Can be used to join data to shapefiles published by NYSDOT.

Count_ID – A unique ID for each count session loaded, each count has one Count_ID for all data types.

RG – Region Number, a number 1-11 representing the NYSDOT Region in which the count station is located.

Region_Code – A single digit code for each NYSDOT Region. Can be concatenated with County_Code and Station number to create a unique ID.

County_Code – A single digit code for each County within a NYSDOT Region. Can be concatenated with Region_Code and Station number to create a unique ID.

Stat – Station Number, a four digit number unique within a county representing a specific segment of road for traffic counting purposes. Can be concatenated with Region_Code and County_Code to create a unique ID. Typically formatted as text to retain leading zeroes.

RCSTA – Region_Code, County_Code, and Station Number concatenated into a 6 digit unique ID. Typically formatted as text to retain leading zeroes.

Functional_Class – Functional Classification of the roadway segment to which the station applies.

Factor_Group – Factor Group determines the set of seasonal factors to apply. Factor Groups are 30, 40, or 60 only.

Latitude – Latitude, in decimal degrees, of the primary counter placement.

Longitude – Longitude, in decimal degrees, of the primary counter placement.

Specific_Recorder_Placememt – Verbal description of the primary counter placement.

Channel_Notes – Any notes from the count collector, or processor, related to the count. The four digit Continuous Counter ID (CCID) is entered when the record is based on Continuous Data.

Data_Type – A description of the data type contained in the file.

Blank/Speed_Limit/Vehicle_Axle_Code – Blank in Classification data files. Speed_Limit for the count location in speed data files. Vehicle/Axle code in Volume files: 1=Vehicle count 2=Axles/2 count

Year – The year in which the data was collected.

Month – The month in which the data was collected.

Header Items exclusive to AVGWD files:

Day_of_First_Data – The first day of data collection for the count.

Federal_Direction – The federal direction code for the data record. 1 – North, 3 – East, 5 – South, 7 – West, 9 – North/South Combined, 0 – East/West combined. NOTED ERROR: Many North/South records are incorrectly labeled with a 0 code. Data remains correct.

Full_Count – Indicates if the record represents the total roadway, or just a single direction. 'blank' indicates data applies to direction in Federal Direction field. 'Y' indicates data applies to the entire roadway.

Header Items exclusive to Data files:

Day – The Day of data collection.

Day_of_Week – The day of week the data was collected.

Federal_Direction – The federal direction code for the data record. 1 – North, 3 – East, 5 – South, 7 – West, 9 – North/South Combined, 0 – East/West combined.

Lane_Code – The lane code by direction, starting with 1 as the rightmost lane.

Lanes_in_Direction – The total number of lanes expected in this direction.

Collection_Interval – The interval, in minutes, in which the data was collected, typically 15 or 60.

Data_Interval – Speed and Classification data only. The interval which the record applies. 1.1 indicates the first 15 minutes of the first hour of the day, or 00:00 through 00:15. 1.2 represents 00:15-00:30, 12.3 represents 11:30-11:45, 23.4 represents 22:45-23:00 and so on.

Data Items exclusive to Data files:

Interval_1_1 through Interval_24_4 – Volume Data for each 15 minute interval. If data collection interval is 60, then hourly data will be represented in intervals 1_1, 2_1, etc.

Bin_1 through Bin_15 – Speed data, the number of vehicles in each speed bin for the interval represented. Bins are as follows:

1. 00-20.0 mph
2. 20.1-25.0 mph
3. 25.1-30.0 mph
4. 30.1-35.0 mph
5. 35.1-40.0 mph
6. 40.1-45.0 mph
7. 45.1-50.0 mph
8. 50.1-55.0 mph
9. 55.1-60.0 mph
10. 60.1-65.0 mph
11. 65.1-70.0 mph
12. 70.1-75.0 mph
13. 75.1-80.0 mph
14. 80.1-85.0 mph
15. >85.0 mph

Class_F1 through Class_F13 – Where applicable, the number of vehicles in the FHWA F-scheme class for the interval represented.

FHWA Axle Classification Scheme	
F1	Motorcycles
F2	Autos
F3	2 axle, 4-tire pickups, vans, motor-homes
F4	Buses
F5	2 axle, 6-tire single unit trucks
F6	3 axle single unit trucks
F7	4 or more axle single unit trucks
F8	4 or less axle vehicles, single trailer
F9	5 axle, single trailer
F10	6 or more axle, single trailer
F11	5 axle multi-trailer trucks
F12	6 axle multi-trailer trucks
F13	7 or more axle multi-trailer trucks

Unclassified – Speed and Classification only. Number of vehicles a counter was unable to correctly place in a bin. Currently blank, as not part of NYSDOT format at this time.

Total – The sum of all bins or intervals for the record.

Flag_Field – A field designated to give additional information about a count.

Batch_ID – A system code related to data importing.

Data Items exclusive to AVGWD files:

Class AVGWD Fields:

AVG_WKDAY_F1S through AVG_WKDAY_F13S – The number of vehicles in the FHWA F-scheme class FX as a daily total for the Average Weekday. This value represents the summary record on the NYSDOT standard classification report.

AVG_WKDAY_UNCLASSIFIED – Currently blank. Represents the number of unclassified vehicles as a daily total for the Average Weekday.

AVG_WKDAY_TOTALS – Represents the number of vehicles in all classes as a daily total for the Average Weekday.

AVG_WKDAY_PERC_F3_13 – Represents the percentage of vehicles in classes F3-F13 for the Average Weekday.

AVG_WKDAY_PERC_F4_13 – Represents the percentage of vehicles in classes F4-F13, or Heavy Vehicles, for the Average Weekday.

AVG_WKDAY_PERC_F4_7 – Represents the percentage of vehicles in classes F4-F7, or Single Unit Vehicles, for the Average Weekday.

AVG_WKDAY_PERC_F8_13 – Represents the percentage of vehicles in classes F8-F13, or Combination Vehicles, for the Average Weekday.

AVG_WKDAY_PERC_F1– Represents the percentage of vehicles in class F1, or Motorcycles, for the Average Weekday.

AVG_WKDAY_PERC_F2 – Represents the percentage of vehicles in class F2, or Passenger Vehicles, for the Average Weekday.

AVG_WKDAY_PERC_F3– Represents the percentage of vehicles in class F3, or Light Trucks, for the Average Weekday.

AVG_WKDAY_PERC_F4 – Represents the percentage of vehicles in class F4, or Busses, for the Average Weekday.

AVG_WKDAY_PERC_F5_7 – Represents the percentage of vehicles in classes F5-F7, or Single Unit Trucks, for the Average Weekday.

AXLE_CORRECTION_FACTOR – Represents the axle correction factor for the count based on the Average Weekday class distribution.

SU_PEAK – Represents the number of vehicles in classes F4-F7 during the peak hour of the count, expressed as a percentage of the total daily count.

CU_PEAK – Represents the number of vehicles in classes F8-F13 during the peak hour of the count, expressed as a percentage of the total count.

SU_AADT – Currently Blank. The number of Single Unit Vehicles, classes F4-F7, during an Average Day.

CU_AADT – Currently Blank. The number of Combination Vehicles, classes F8-F13, during an Average Day.

Flag_Field – A field designated to give additional information about a count.

Batch_ID – A system code related to data importing.

Speed AVGWD Fields:

AVG_WKDAY_BIN_1 through AVG_WKDAY_BIN_15 – The number of vehicles in the NYSDOT Speed Bin as a daily total for the Average Weekday. This value represents the summary record on the NYSDOT standard speed report.

AVG_WKDAY_UNCLASSIFIED – Currently not filled. Represents the number of unclassified vehicles as a daily total for the Average Weekday.

AVG_SPEED – Represents the Average Speed of vehicles for the Average Weekday.

FIFTYTH_PERCENTILE_SPEED – Represents the speed of the vehicle in the 50^{th} percentile, or median speed, for the Average Weekday.

EIGHTYFIVETH_PERCENTILE_SPEED – Represents the speed of the vehicle in the 85^{th} percentile for the Average Weekday.

PERCENTILE_EXCEEDING_55 – Represents the percentage of total vehicles that are exceeding 55mph for the Average Weekday.

PERCENTILE_EXCEEDING_65 – Represents the percentage of total vehicles that are exceeding 65mph for the Average Weekday.

Flag_Field – A field designated to give additional information about a count.

Batch_ID – A system code related to data importing.

Volume AVGWD Fields:

AVG_WKDAY_INTERVAL_1 through AVG_WKDAY_INTERVAL_24 – The number of vehicles in each interval for the Average Weekday. This value represents the summary record on the NYSDOT standard volume report. Interval 1 represents 00:00-01:00, Interval 2 represents 01:00-02:00, and so on.

AVG_WKDAY_DAILY_TRAFFIC – The total number of vehicles for the Average Weekday.

SEASONAL_FACTOR – The seasonal factor applied to calculate the AADT.

AXLE_FACTOR – The axle factor applied to calculate the AADT.

AADT – The seasonally adjusted Annual Average of Daily Traffic, representing an Average Day for the location.

HIGH_HOUR_VALUE – The number of vehicles in the hour with the highest traffic of the Average Weekday.

HIGH_HOUR_INTERVAL – The interval that contains the highest traffic of the Average Weekday.

K_FACTOR – The highest hour of the Average Weekday expressed as a percentages of the Average Weekday total. This value is populated for total roadway records only.

D_FACTOR – The higher direction of the highest hour of the Average Weekday expressed as a percentages of the highest hour total. This value is populated for total roadway records only.

Flag_Field – A field designated to give additional information about a count.

Batch_ID – A system code related to data importing.