NABBS Dataset 1966-2017: Data Files and Field Definitions

Avian Count Sample-history Data -- Date, time, weather conditions, observer identification number related to avian data collected along survey route (stops 1-50)

File Name	Description
Weather.zip	Compressed version of data file (Weather.csv) containing sample history of routes; date sampled, who sampled (observer ID), weather conditions, time.

Field Name	Field Type	Field Description
RouteDataID	integer	Data identification number; unique for each unique combination of countrynum region, route, RPID, and year.
countrynum	text	The three digit identification code for country. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
statenum	text	The two digit numerical code that identifies the state, province or territory where the route was run. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
Route	text	The three digit code that identifies the route - unique within states. (Leading zeros may not appear in spreadsheet)
RPID	integer	Three digit run protocol identification number. See RunProtocolID.txt for key.
Year	integer	The Year surveyed.
Month	integer	The Month surveyed.
Day	integer	The Day surveyed.
ObsN	text	Observer Number of Observer who conducted route.
TotalSpp	integer	Total number of species seen during run.
StartTemp	integer	Temperature at the start of the run.
EndTemp	integer	Temperature at the end of the run.
TempScale	text	Temperate Scale (Celsius or Fahrenheit)
StartWind	integer	Wind status at the start of the run. Beaufort Scale: see WeatherCodes.txt file.
EndWind	integer	Wind status at the end of the run. Beaufort Scale: see WeatherCodes.txt file.
StartSky	integer	Sky status at the start of the run. National Weather Service Code: see WeatherCodes.txt file.

EndSky	integer	Sky status at the end of the run. National Weather Service Code: see WeatherCodes.txt file.
StartTime	text	Time the run was started.
EndTime	text	Time the run was ended.
Assistant	integer	If someone assisted the observer by recording the data, then this column is 1, otherwise it is 0.
QualityCurrentID	integer	Indicates whether the route sampling event (i.e., run) took place under suitable weather conditions and within suitable time, date, and route completion criteria. If data meet criteria, then QualityCurrentID is 1, otherwise it is 0. See RunType.txt.
RunType	integer	The RunType code helps to quickly determine which data do, or do not meet the BBS program's data criteria. A RunType code of 1 is assigned whenever data were collected under conditions that meet BBS weather, date, time, and route completion criteria (QualityCurrentID = 1) on a randomly established route (i.e., RouteTypeDetailID = 1) using the official BBS sampling protocol (RPID [RunProtocolID] = 101). Conversely, a RunType code of 0 indicates that data from a run fail to meet one or more of the aforementioned requirements. This could occur in one of 3 scenarios, or in combination, when: data exceed suitable date, time, weather, and/or route completion criteria QualityCurrentID = 0), data had been collected along a non-randomly established route (i.e., RouteTypeDetailID is not 1), and/or when the official BBS sampling protocol had not been used or it is a replicate run (RPID [RunProtocolID] is not 101). See RunType.txt for more information'

Route Location Data -- Route location information including latitude and longitude of start point

File Name	Description
Routes.Zip	Compressed version of data file (Routes.csv) containing list of routes with Latitude, Longitude, Stratum, and whether it is currently active

Field Name	Field Type	Field Description
countrynum	text	The three digit identification code for country. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)

statenum	text	The two digit numerical code that identifies the state, province or territory where the route was run. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
Route	text	The three digit code that identifies the route - unique within states. (Leading zeros may not appear in spreadsheet)
RouteName	text	The name of the route.
Active	integer	Flag that shows if the route is currently active, or has been discontinued.
Latitude	decimal	Latitude of the route start point.
Longitude	decimal	Longitude of the route start point.
Stratum	integer	The BBS physiographic stratum code for that route. See BBSStrata.txt file for more information
BCR	integer	The Bird Conservation Region where the route is located.
RouteTypeID	integer	Indicates route substrate. 1 = Roadside, 2 = Water, 3 = Off-road
RouteTypeDetailID	integer	Indicates route length and selection criteria (i.e., random vs. non-random). 1 = Random 50 Stops, 2 = Not Random 50 Stops, 3 = 3 Not Random < 50 stops

Summarized Avian Count Data -- Avian count data summarized by 10-stop intervals and summarized across all 50 stops. The Summarized Avian Count Data have been further subdivided into regional and species-groups files for ease of handling

File Name	Description
Alabama.zip	Compressed version of data files ([RegionName].csv) containing avian count data 1966-2017 summarized at 10-stop and 50-stop intervals for all breeding species detected, where [RegionName] represents place holder for actual region name. Due to database size, data subdivided into regions (e.g., Alabama.zip, Njersey.zip, and NovaSco.zip). Regional data files found in "States" folder and list of regional file names found in "ReadMe.txt" file.
Alaska.zip	
Alberta.zip	
Arizona.zip	
Arkansa.zip	
BritCol.zip	
Califor.zip	
Colorad.zip	
Connect.zip	
Delawar.zip	
Florida.zip	

Georgia.zip
Idaho.zip
Illinoi.zip
Indiana.zip
Iowa.zip
Kansas.zip
Kentuck.zip
Louisia.zip
Maine.zip
Manitob.zip
Marylan.zip
Massach.zip
Michiga.zip
Minneso.zip
Mississ.zip
Missour.zip
Montana.zip
NBrunsw.zip
NCaroli.zip
NDakota.zip
NHampsh.zip
NJersey.zip
NMexico.zip
NWTerri.zip
NYork.zip
Nebrask.zip
Nevada.zip
Newfoun.zip
NovaSco.zip
Nunavut.zip
Ohio.zip
Oklahom.zip
Ontario.zip
Oregon.zip

PEI.zip
Pennsyl.zip
Quebec.zip
RhodeIs.zip
SCaroli.zip
SDakota.zip
Saskatc.zip
Tenness.zip
Texas.zip
Utah.zip
Vermont.zip
Virgini.zip
W_Virgi.zip
Washing.zip
Wiscons.zip
Wyoming.zip
Yukon.zip

Field Name	Field Type	Field Description
RouteDataID	integer	Data identification number; unique for each unique combination of countrynum region, route, RPID, and year.
Countrynum	text	The three digit identification code for country. See RegionCodes.txt file for key.
Statenum	text	The two digit numerical code that identifies the state, province or territory where the route was run. See RegionCodes.txt file for key.
Route	text	The three digit code that identifies the route - unique within states.
RPID	text	Three digit run protocol identification number. See RunProtocolID.txt for key.
Year	integer	The year surveyed. The Countrynum, StateNum, Route, RPID, and Year columns uniquely identify a run of a route.
AOU	text	The five digit species identification code.
Count10	integer	Total individuals of the species recorded on stops 1-10.
Count20	integer	Total individuals of the species recorded on stops 11-20.
Count30	integer	Total individuals of the species recorded on stops 21-30.

Count40	integer	Total individuals of the species recorded on stops 31-40.
Count50	integer	Total individuals of the species recorded on stops 41-50.
StopTotal	integer	Total number of stops out of 50 on which the species was recorded.
SpeciesTotal	integer	Total individuals recorded on that run of the route (Sum from all stops.).

File Name	Description
MigrantSummary.zip	Compressed version of data file (MigrantSummary.csv) containing incidental Migrant, Vagrant, Nonbreeding bird data in 10-stop summary format.

Field Name	Field Type	Field Description
RouteDataID	integer	Data identification number; unique for each unique combination of countrynum region, route, RPID, and year.
countrynum	text	The three digit identification code for country. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
statenum	text	The two digit numerical code that identifies the state, province or territory where the route was run. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
Route	text	The three digit code that identifies the route - unique within states. (Leading zeros may not appear in spreadsheet)
RPID	integer	Also known as RunProtocolID. A three digit run protocol identification number. See RunProtocolID.txt for key.
Year	integer	The Year surveyed.
AOU	text	5 Digit species identification number. (Leading zeros may not appear in spreadsheet)
count10	integer	Sum of the total individuals of the species recorded at stops 1-10.
count20	integer	Sum of the total individuals of the species recorded at stops 11-20.
count30	integer	Sum of the total individuals of the species recorded at stops 21-30.
count40	integer	Sum of the total individuals of the species recorded at stops 31-40.
count50	integer	Sum of the total individuals of the species recorded at stops 41-50.
StopTotal	integer	Total number of stops that the species was recorded at.

SpeciesTotal	integer	Total individuals of the species recorded across all 50 stops.

Avian Count Data by Individual Stops (1-50) -- avian count data at individual stop level within route (U.S.A: 1997 - 2014; Canada: 1997 - 2014, as well as earlier years for some provinces)

File Name	Description
Fifty1.zip	Compressed version of data file (Fifty1.csv) containing part 1 of the fifty-stop data. Contains 1997 to present data for Alabama, Alaska, Alberta, Arizona, and Arkansas
Fifty2.zip	Compressed version of data file (Fifty2.csv) containing part 2 of the fifty-stop data. Contains 1997 to present data for British Columbia, California, Colorado, Connecticut, and Delaware
Fifty3.zip	Compressed version of data file (Fifty3.csv) containing part 3 of the fifty-stop data. Contains 1997 to present data for Florida, Georgia, Idaho, Illinois, Indiana, and Iowa
Fifty4.zip	Compressed version of data file (Fifty4.csv) containing part 4 of the fifty-stop data. Contains 1997 to present data for Kansas, Kentucky, Louisiana, Northwest Territories, Maine, Manitoba, Maryland, and Massachusetts
Fifty5.zip	Compressed version of data file (Fifty5.csv) containing part 5 of the fifty-stop data. Contains 1997 to present data for Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Brunswick and Newfoundland
Fifty6.zip	Compressed version of data file (Fifty6.csv) containing part 6 of the fifty-stop data. Contains 1997 to present data for New Hampshire, New Jersey, New Mexico, New York, and North Carolina
Fifty7.zip	Compressed version of data file (Fifty7.csv) containing part 7 of the fifty-stop data. Contains 1997 to present data for North Dakota, Nunavut, Nova Scotia, Ohio, Oklahoma, and Ontario
Fifty8.zip	Compressed version of data file (Fifty8.csv) containing part 8 of the fifty-stop data. Contains 1997 to present data for Oregon, Pennsylvania, Prince Edward Island, Quebec, Rhode Island, Saskatchewan, and South Carolina
Fifty9.zip	Compressed version of data file (Fifty9.csv) containing part 9 of the fifty-stop data. Contains 1997 to present data for South Dakota, Tennessee, Texas, Utah, and Vermont
Fifty10.zip	Compressed version of data file (Fifty10.csv) containing part 10 of the fifty-stop data. Contains 1997 to present data for Virginia, Washington, West Virginia, Wisconsin, Wyoming, and Yukon Territories

Field Name	Field Type	Field Description

RouteDataID	integer	Data identification number; unique for each unique combination of countrynum region, route, RPID, and year.
countrynum	text	The three digit identification code for country. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
statenum	text	The two digit numerical code that identifies the state, province or territory where the route was run. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
Route	text	The three digit code that identifies the route - unique within states. (Leading zeros may not appear in spreadsheet)
RPID	integer	Three digit run protocol identification number. See RunProtocolID.txt for key.
year	integer	The Year surveyed.
AOU	text	5 Digit species identification number (Leading zeros may not appear in spreadsheet)
Stop1	integer	Total individuals of the species recorded at Stop 1
Stop2	integer	Total individuals of the species recorded at Stop 2
Stop3	integer	Total individuals of the species recorded at Stop 3
Stop4	integer	Total individuals of the species recorded at Stop 4
Stop5	integer	Total individuals of the species recorded at Stop 5
Stop6	integer	Total individuals of the species recorded at Stop 6
Stop7	integer	Total individuals of the species recorded at Stop 7
Stop8	integer	Total individuals of the species recorded at Stop 8
Stop9	integer	Total individuals of the species recorded at Stop 9
Stop10	integer	Total individuals of the species recorded at Stop 10
Stop11	integer	Total individuals of the species recorded at Stop 11
Stop12	integer	Total individuals of the species recorded at Stop 12
Stop13	integer	Total individuals of the species recorded at Stop 13
Stop14	integer	Total individuals of the species recorded at Stop 14
Stop15	integer	Total individuals of the species recorded at Stop 15
Stop16	integer	Total individuals of the species recorded at Stop 16
Stop17	integer	Total individuals of the species recorded at Stop 17
Stop18	integer	Total individuals of the species recorded at Stop 18
Stop19	integer	Total individuals of the species recorded at Stop 19
Stop20	integer	Total individuals of the species recorded at Stop 20
Stop21	integer	Total individuals of the species recorded at Stop 21

Stop22	integer	Total individuals of the species recorded at Stop 22
Stop23	integer	Total individuals of the species recorded at Stop 23
Stop24	integer	Total individuals of the species recorded at Stop 24
Stop25	integer	Total individuals of the species recorded at Stop 25
Stop26	integer	Total individuals of the species recorded at Stop 26
Stop27	integer	Total individuals of the species recorded at Stop 27
Stop28	integer	Total individuals of the species recorded at Stop 28
Stop29	integer	Total individuals of the species recorded at Stop 29
Stop30	integer	Total individuals of the species recorded at Stop 30
Stop31	integer	Total individuals of the species recorded at Stop 31
Stop32	integer	Total individuals of the species recorded at Stop 32
Stop33	integer	Total individuals of the species recorded at Stop 33
Stop34	integer	Total individuals of the species recorded at Stop 34
Stop35	integer	Total individuals of the species recorded at Stop 35
Stop36	integer	Total individuals of the species recorded at Stop 36
Stop37	integer	Total individuals of the species recorded at Stop 37
Stop38	integer	Total individuals of the species recorded at Stop 38
Stop39	integer	Total individuals of the species recorded at Stop 39
Stop40	integer	Total individuals of the species recorded at Stop 40
Stop41	integer	Total individuals of the species recorded at Stop 41
Stop42	integer	Total individuals of the species recorded at Stop 42
Stop43	integer	Total individuals of the species recorded at Stop 43
Stop44	integer	Total individuals of the species recorded at Stop 44
Stop45	integer	Total individuals of the species recorded at Stop 45
Stop46	integer	Total individuals of the species recorded at Stop 46
Stop47	integer	Total individuals of the species recorded at Stop 47
Stop48	integer	Total individuals of the species recorded at Stop 48
Stop49	integer	Total individuals of the species recorded at Stop 49
Stop50	integer	Total individuals of the species recorded at Stop 50

File Name	Description
Migrants.zip	Compressed version of data file (Migrants.csv) containing incidental Migrant, Vagrant, Nonbreeding bird data in 50-stop format.

Field Name	Field Type	Field Description

RouteDataID	integer	Data identification number; unique for each unique combination of countrynum region, route, RPID, and year.
countrynum	text	The three digit identification code for country. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
statenum	text	The two digit numerical code that identifies the state, province or territory where the route was run. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
Route	text	The three digit code that identifies the route - unique within states. (Leading zeros may not appear in spreadsheet)
RPID	integer	Three digit run protocol identification number. See RunProtocolID.txt for key.
year	integer	The Year surveyed.
AOU	text	5 Digit species identification number. (Leading zeros may not appear in spreadsheet)
Stop1	integer	Total individuals of the species recorded at Stop 1
Stop2	integer	Total individuals of the species recorded at Stop 2
Stop3	integer	Total individuals of the species recorded at Stop 3
Stop4	integer	Total individuals of the species recorded at Stop 4
Stop5	integer	Total individuals of the species recorded at Stop 5
Stop6	integer	Total individuals of the species recorded at Stop 6
Stop7	integer	Total individuals of the species recorded at Stop 7
Stop8	integer	Total individuals of the species recorded at Stop 8
Stop9	integer	Total individuals of the species recorded at Stop 9
Stop10	integer	Total individuals of the species recorded at Stop 10
Stop11	integer	Total individuals of the species recorded at Stop 11
Stop12	integer	Total individuals of the species recorded at Stop 12
Stop13	integer	Total individuals of the species recorded at Stop 13
Stop14	integer	Total individuals of the species recorded at Stop 14
Stop15	integer	Total individuals of the species recorded at Stop 15
Stop16	integer	Total individuals of the species recorded at Stop 16
Stop17	integer	Total individuals of the species recorded at Stop 17
Stop18	integer	Total individuals of the species recorded at Stop 18
Stop19	integer	Total individuals of the species recorded at Stop 19
Stop20	integer	Total individuals of the species recorded at Stop 20
Stop21	integer	Total individuals of the species recorded at Stop 21

Stop22	integer	Total individuals of the species recorded at Stop 22
Stop23	integer	Total individuals of the species recorded at Stop 23
Stop24	integer	Total individuals of the species recorded at Stop 24
Stop25	integer	Total individuals of the species recorded at Stop 25
Stop26	integer	Total individuals of the species recorded at Stop 26
Stop27	integer	Total individuals of the species recorded at Stop 27
Stop28	integer	Total individuals of the species recorded at Stop 28
Stop29	integer	Total individuals of the species recorded at Stop 29
Stop30	integer	Total individuals of the species recorded at Stop 30
Stop31	integer	Total individuals of the species recorded at Stop 31
Stop32	integer	Total individuals of the species recorded at Stop 32
Stop33	integer	Total individuals of the species recorded at Stop 33
Stop34	integer	Total individuals of the species recorded at Stop 34
Stop35	integer	Total individuals of the species recorded at Stop 35
Stop36	integer	Total individuals of the species recorded at Stop 36
Stop37	integer	Total individuals of the species recorded at Stop 37
Stop38	integer	Total individuals of the species recorded at Stop 38
Stop39	integer	Total individuals of the species recorded at Stop 39
Stop40	integer	Total individuals of the species recorded at Stop 40
Stop41	integer	Total individuals of the species recorded at Stop 41
Stop42	integer	Total individuals of the species recorded at Stop 42
Stop43	integer	Total individuals of the species recorded at Stop 43
Stop44	integer	Total individuals of the species recorded at Stop 44
Stop45	integer	Total individuals of the species recorded at Stop 45
Stop46	integer	Total individuals of the species recorded at Stop 46
Stop47	integer	Total individuals of the species recorded at Stop 47
Stop48	integer	Total individuals of the species recorded at Stop 48
Stop49	integer	Total individuals of the species recorded at Stop 49
Stop50	integer	Total individuals of the species recorded at Stop 50
MigrantStatus	integer	Migrant status of the species.

File Name	Description
BBS_ AB_ 68-80_Final.xls	Alberta 1968 - 1980
BBS_ AB_ 81-86_Final.xls	Alberta 1981 - 1986
BBS_ AB_ 87-89_Final.xls	Alberta 1987 - 1989

BBS_ SK_90-96_Final.xls	Saskatchewan 1990 - 1996
BBS_AB_90-96_Final.xls	Alberta 1990 - 1996
BBS_MB_68-80_Final.xls	Manitoba 1968 - 1980
BBS_MB_81-86_Final.xls	Manitoba 1981 - 1986
BBS_MB_87-89_Final.xls	Manitoba 1987 - 1989
BBS_MB_90-94_Final.xls	Manitoba 1990 - 1994
BBS_MB_95-96_final.xls	Manitoba 1995 - 1996
BBS_SK_68-89_Final.xls	Saskatchewan 1968 - 1989

Field Name	Field Type	Field Description
ID	integer	ID number for each row. Not found in all files. Is retained as connection to contractor's initial data entry work but is not integral to data. Not found in the original BBS database.
State	text	Indicates the province or territory for the data. (Leading zeros may not appear in spreadsheet)
Route	text	Indicates the route number. (Leading zeros may not appear in spreadsheet)
Year	integer	Year in which the data were collected.
Page	integer	Represents a specific group of 10 stops.
AOU Number	text	Species number per old American Ornithologists' Union (AOU) system or BBS system. Note that the BBS database now uses a five digit number, but the 2-4 digit numbers found in these files will be the same as the right-most digits in the newer BBS numbers.
SpCode	text	Four-letter species alpha code, in most cases the same as the Bird Banding Laboratory banding codes. Not found in all files. Not integral to data. Not found in the original BBS database.
Species Name	text	English Common Name of species. Should follow American Ornithologists Union except for BBS exceptions.
Stop_1	integer	Stop 1 in the 10 Stop Block (Stops 1, 11, 21, 31, 41)
Stop_2	integer	Stop 2 in the 10 Stop Block (Stops 2, 12, 22, 32, 42)
Stop_3	integer	Stop 3 in the 10 Stop Block (Stops 3, 13, 23, 33, 43)
Stop_4	integer	Stop 4 in the 10 Stop Block (Stops 4, 14, 24, 34, 44)
Stop_5	integer	Stop 5 in the 10 Stop Block (Stops 5, 15, 25, 35, 45)
Stop_6	integer	Stop 6 in the 10 Stop Block (Stops 6, 16, 26, 36, 46)
Stop_7	integer	Stop 7 in the 10 Stop Block (Stops 7, 17, 27, 37, 47)
Stop_8	integer	Stop 8 in the 10 Stop Block (Stops 8, 18, 28, 38, 48)

Stop_9	integer	Stop 9 in the 10 Stop Block (Stops 9, 19, 29, 39, 49)
Stop_0	integer	Stop 10 in the 10 Stop Block (Stops 10, 20, 30, 40, 50)
New Total	integer	Totals stop data entered during 50-stop data entry process, for visual comparison with the Old Total field. Formula.
Old Total	integer	Total for this species/stop imported from the regular BBS database, for comparison and error detection.
Compare	text	Displays a flag for discrepancies between new total and old total. These should all be accompanied by a code in the "error code" column and a comment in the "Comments" column. In some files it is generated by formula. It is not integral to the data.
Error Code	text	Describes error type. See Table 2 in Documentation for BBS 50-stop data 1966-1996.pdf
Ok	text	
Comment	text	Comments related to error, may advise re further action.

Vehicle and Noise Data

File Name	Description
VehicleSummary.zip	Compressed version of data file (VehicleSummary.csv) containing vehicle count and excessive noise data in 10-stop summary format.

Field Name	Field Type	Field Description
RouteDataID	integer	Data identification number; unique for each unique combination of countrynum region, route, RPID, and year.
countrynum	text	The three digit identification code for country. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
statenum	text	The two digit numerical code that identifies the state, province or territory where the route was run. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
Route	text	The three digit code that identifies the route - unique within states. (Leading zeros may not appear in spreadsheet)
RPID	integer	Three digit run protocol identification number. See RunProtocolID.txt for key.
Year	integer	The Year surveyed.
CarsRecorded	integer	Flag that indicates if car and/or noise data was recorded.
count10	integer	Sum of the total individuals of the species recorded at stops 1-10.

count20	integer	Sum of the total individuals of the species recorded at stops 11-20.
count30	integer	Sum of the total individuals of the species recorded at stops 21-30.
count40	integer	Sum of the total individuals of the species recorded at stops 31-40.
count50	integer	Sum of the total individuals of the species recorded at stops 41-50.
StopTotal	integer	Total number of stops that the species was recorded at during the run.
Noise10	integer	Number of stops were execessive noise was recorded at stops 1-10.
Noise20	integer	Number of stops were execessive noise was recorded at stops 11-20.
Noise30	integer	Number of stops were execessive noise was recorded at stops 21-30.
Noise40	integer	Number of stops were execessive noise was recorded at stops 31-40.
Noise50	integer	Number of stops were execessive noise was recorded at stops 41-50.
NoiseTotal	integer	Total number of stops were execessive noise was record during the run.

File Name	Description
VehicleData.zip	Compressed version of data file (VehicleData.csv) containing vehicle count and excessive noise data in 50-stop format.

Field Name	Field Type	Field Description
RouteDataID	integer	Data identification number; unique for each unique combination of countrynum region, route, RPID, and year.
countrynum	text	The three digit identification code for country. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
statenum	text	The two digit numerical code that identifies the state, province or territory where the route was run. See RegionCodes.txt file for key. (Leading zeros may not appear in spreadsheet)
Route	text	The three digit code that identifies the route - unique within states. (Leading zeros may not appear in spreadsheet)
RPID	integer	Three digit run protocol identification number. See RunProtocolID.txt for key.

year	integer	The Year surveyed.
RecordedCar	integer	Flag that indicates if car and/or noise data was recorded.
Car1	integer	Number of cars seen at Stop 1
Car2	integer	Number of cars seen at Stop 2
Car3	integer	Number of cars seen at Stop 3
Car4	integer	Number of cars seen at Stop 4
Car5	integer	Number of cars seen at Stop 5
Car6	integer	Number of cars seen at Stop 6
Car7	integer	Number of cars seen at Stop 7
Car8	integer	Number of cars seen at Stop 8
Car9	integer	Number of cars seen at Stop 9
Car10	integer	Number of cars seen at Stop 10
Car11	integer	Number of cars seen at Stop 11
Car12	integer	Number of cars seen at Stop 12
Car13	integer	Number of cars seen at Stop 13
Car14	integer	Number of cars seen at Stop 14
Car15	integer	Number of cars seen at Stop 15
Car16	integer	Number of cars seen at Stop 16
Car17	integer	Number of cars seen at Stop 17
Car18	integer	Number of cars seen at Stop 18
Car19	integer	Number of cars seen at Stop 19
Car20	integer	Number of cars seen at Stop 20
Car21	integer	Number of cars seen at Stop 21
Car22	integer	Number of cars seen at Stop 22
Car23	integer	Number of cars seen at Stop 23
Car24	integer	Number of cars seen at Stop 24
Car25	integer	Number of cars seen at Stop 25
Car26	integer	Number of cars seen at Stop 26
Car27	integer	Number of cars seen at Stop 27
Car28	integer	Number of cars seen at Stop 28
Car29	integer	Number of cars seen at Stop 29
Car30	integer	Number of cars seen at Stop 30
Car31	integer	Number of cars seen at Stop 31
Car32	integer	Number of cars seen at Stop 32

Car33	integer	Number of cars seen at Stop 33
Car34	integer	Number of cars seen at Stop 34
Car35	integer	Number of cars seen at Stop 35
Car36	integer	Number of cars seen at Stop 36
Car37	integer	Number of cars seen at Stop 37
Car38	integer	Number of cars seen at Stop 38
Car39	integer	Number of cars seen at Stop 39
Car40	integer	Number of cars seen at Stop 40
Car41	integer	Number of cars seen at Stop 41
Car42	integer	Number of cars seen at Stop 42
Car43	integer	Number of cars seen at Stop 43
Car44	integer	Number of cars seen at Stop 44
Car45	integer	Number of cars seen at Stop 45
Car46	integer	Number of cars seen at Stop 46
Car47	integer	Number of cars seen at Stop 47
Car48	integer	Number of cars seen at Stop 48
Car49	integer	Number of cars seen at Stop 49
Car50	integer	Number of cars seen at Stop 50
Noise1	integer	Flag that indicates if excessive noise was detected at Stop 1
Noise2	integer	Flag that indicates if excessive noise was detected at Stop 2
Noise3	integer	Flag that indicates if excessive noise was detected at Stop 3
Noise4	integer	Flag that indicates if excessive noise was detected at Stop 4
Noise5	integer	Flag that indicates if excessive noise was detected at Stop 5
Noise6	integer	Flag that indicates if excessive noise was detected at Stop 6
Noise7	integer	Flag that indicates if excessive noise was detected at Stop 7
Noise8	integer	Flag that indicates if excessive noise was detected at Stop 8
Noise9	integer	Flag that indicates if excessive noise was detected at Stop 9
Noise10	integer	Flag that indicates if excessive noise was detected at Stop 10
Noise11	integer	Flag that indicates if excessive noise was detected at Stop 11
Noise12	integer	Flag that indicates if excessive noise was detected at Stop 12
Noise13	integer	Flag that indicates if excessive noise was detected at Stop 13
Noise14	integer	Flag that indicates if excessive noise was detected at Stop 14
Noise15	integer	Flag that indicates if excessive noise was detected at Stop 15
Noise16	integer	Flag that indicates if excessive noise was detected at Stop 16

Noise17	integer	Flag that indicates if excessive noise was detected at Stop 17
Noise18	integer	Flag that indicates if excessive noise was detected at Stop 18
Noise19	integer	Flag that indicates if excessive noise was detected at Stop 19
Noise20	integer	Flag that indicates if excessive noise was detected at Stop 20
Noise21	integer	Flag that indicates if excessive noise was detected at Stop 21
Noise22	integer	Flag that indicates if excessive noise was detected at Stop 22
Noise23	integer	Flag that indicates if excessive noise was detected at Stop 23
Noise24	integer	Flag that indicates if excessive noise was detected at Stop 24
Noise25	integer	Flag that indicates if excessive noise was detected at Stop 25
Noise26	integer	Flag that indicates if excessive noise was detected at Stop 26
Noise27	integer	Flag that indicates if excessive noise was detected at Stop 27
Noise28	integer	Flag that indicates if excessive noise was detected at Stop 28
Noise29	integer	Flag that indicates if excessive noise was detected at Stop 29
Noise30	integer	Flag that indicates if excessive noise was detected at Stop 30
Noise31	integer	Flag that indicates if excessive noise was detected at Stop 31
Noise32	integer	Flag that indicates if excessive noise was detected at Stop 32
Noise33	integer	Flag that indicates if excessive noise was detected at Stop 33
Noise34	integer	Flag that indicates if excessive noise was detected at Stop 34
Noise35	integer	Flag that indicates if excessive noise was detected at Stop 35
Noise36	integer	Flag that indicates if excessive noise was detected at Stop 36
Noise37	integer	Flag that indicates if excessive noise was detected at Stop 37
Noise38	integer	Flag that indicates if excessive noise was detected at Stop 38
Noise39	integer	Flag that indicates if excessive noise was detected at Stop 39
Noise40	integer	Flag that indicates if excessive noise was detected at Stop 40
Noise41	integer	Flag that indicates if excessive noise was detected at Stop 41
Noise42	integer	Flag that indicates if excessive noise was detected at Stop 42
Noise43	integer	Flag that indicates if excessive noise was detected at Stop 43
Noise44	integer	Flag that indicates if excessive noise was detected at Stop 44
Noise45	integer	Flag that indicates if excessive noise was detected at Stop 45
Noise46	integer	Flag that indicates if excessive noise was detected at Stop 46
Noise47	integer	Flag that indicates if excessive noise was detected at Stop 47
Noise48	integer	Flag that indicates if excessive noise was detected at Stop 48
Noise49	integer	Flag that indicates if excessive noise was detected at Stop 49
Noise50	integer	Flag that indicates if excessive noise was detected at Stop 50

Lookup Tables -- additional explanatory information for field codes found in some tables (e.g., wind codes and species codes)

File Name	Description
BBSStrata.txt	BBS Strata Lookup

Field Name	Field Type	Field Description
StratumID	integer	Stratum ID
StratumName	text	Stratum Name
StratumNameFrench	text	Stratum Name French
StratumNameSpanish	text	Stratum Name Spanish

File Name	Description
BCR.txt	BCR Lookup

Field Name	Field Type	Field Description
BCRID	integer	BCR ID
BCRName	text	BCR Name
BCRNameFrench	text	BCR Name French
BCRNameSpanish	text	BCR Name Spanish

File Name	Description
RegionCodes.txt	Region Codes Lookup

Field Name	Field Type	Field Description
CountryNum	integer	Country Number
CountryName	text	Country Name
CountryNum	integer	Country Number
RegionCode	text	Region Number
State/Prov/TerrName	text	Region Name

File Name	Description
RunProtocolID.txt	Run Protocol Lookup

Field Name	Field Type	Field Description
RPID	integer	RunProtocolID
RunProtocol_English	text	RunProtocol English Name
RunProtocolDesc	text	RunProtocol Description

File Name	Description

SpeciesList.txt	Species Lookup

Field Name	Field Type	Field Description
Seq	integer	Sequence
AOU	text	AOU Code
English_Common_Name	text	Common English Name
Genus	text	Genus
French_Common_Name	text	Common French Name
Species	text	Species
Spanish_Common_Name	text	Common Spanish Name
Order	text	Order
Family	text	Family

File Name	Description
WeatherCodes.txt	Weather Lookup

Field Name	Field Type	Field Description
WindID	integer	Wind ID
Description	text	English Wind Description
DescriptionFrench	text	French Wind Description
DescriptionSpanish	text	Spanish Wind Description
SkyID	integer	Sky ID
Description	text	English Sky Description
DescriptionFrench	text	French Sky Description
DescriptionSpanish	text	Spanish Sky Description