Codebook to accompany *"Temporal and Spatial Patterns in Distemper Virus Cases Reported to SCWDS 1975-2013"* project

Jonathan Wilson

**SCWDS\_CDVdata.csv**

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| **Variable** | **Explanation** |
| CaseNumber | Unique number assigned to each necropsy case submitted to SCWDS |
| State | US state where the animal was found. |
| County | US county where the animal was found |
| Area | More specific location information, some in the form of coordinates or in written addresses. |
| Species | Common species name for mammal submitted |
| CollectionYear | Year in which case was submitted between 1975-2013 |
| Sex | Gender of animal submitted to SCWDS |
| Age | Approximate age of animal. Decided at necropsy by diagnoistician, some in weeks/months/years, others in life stage agult/subadult/juvenile |

**Canine\_Distemper\_Virus\_Reports.csv**

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| **Variable** | **Explanation** |
| Case Number | Unique number assigned to each necropsy case submitted to SCWDS |
| Diagnostician | Surname of ACVP board certified Pathologist or Resident who performed necropsy |
| State | US state where the animal was found. |
| County | US county where the animal was found |
| Area | More specific location information, some in the form of coordinates or in written addresses. |
| Species | Common species name for mammal submitted |
| Year | Year in which case was submitted between 1975-2013 |
| No. Recorded | Number of animals submitted as one case, sometimes multiple submitted together. |
| Sex | Gender of animal submitted to SCWDS |
| Age | Approximate age of animal. Decided at necropsy by diagnoistician, some in weeks/months/years, others in life stage agult/subadult/juvenile |
| Weight | Weight of animal in lbs or kg, measured at necropsy, first recorded in cases from 1994. |
| Diagnosis | Diagnosis recorded at necropsy, all are distemper in this data, possibly with additional comorbidities. |
| Other/Comments | Additional comments from diagnostician, often the test used to confirm CDV. |
| Date Rec. | Specific date of submission, mm/dd/yy |

**2013\_GAcensus\_data.csv**

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| **Variable** | **Explanation** |
| id2 | Unique ID number assigned to each county by census.gov |
| Geography | Name of Georgia County |
| Population Estimate (as of July 1) - 2013 | County human population estimate as of July 2013 as provided by US census |

**GA\_County\_Area.csv**

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| **Variable** | **Explanation** |
| Target Geo Id2 | Unique ID number assigned to each county by census.gov |
| Geography | Country, in this case United States for all observations |
| Geographic area | Name of Georgia County |
| Population | County human population estimate as of July 2013 as provided by US census |
| Housing units | Number of housing units in county, as of July 2013, as provided by US census |
| Area in square miles - Total area | Total area of county in square miles, provided by census.gov |
| Area in square miles - Water area | Water area of county in square miles, provided by census.gov |
| Area in square miles - Land area | Land area of county in square miles, provided by census.gov |
| Density per square mile of land area - Population | Human population density per land area of county. Calculated by dividing population by land area, in SqM |
| Density per square mile of land area - Housing units | Housing unit density per land area of county. Calculated by dividing number of housing units by land area, in SqM |