Regional Bicycle and Pedestrian Counts

Definition: An inventory of all bicycle and pedestrian counts. Bicycle counts may be from on-road or off-road facilities and include both manual and automated counts (both short-duration counts and permanent).

DRCOG uses: DRCOG has compiled a regional dataset of bicycle and pedestrian counts that will contribute to the overall picture of multimodal transportation across our region. Bicycle and pedestrian count data will be used for planning and analysis efforts as part of the regional transportation planning process and Active Transportation Plan implementation. To learn more about each of these plans, visit the following links:
Regional Transportation Plan - https://drcog.org/planning-great-region/transportation-planning/regional-transportation-plan
Active Transportation Plan page - https://drcog.org/programs/transportation-planning/bicycle-and-pedestrian-planning/active-transportation-plan
Active Transportation Plan document - https://drcog.org/sites/default/files/resources/DRCOG_ATP.pdf

DRCOG methodology: On an annual basis, Local bicycle and pedestrian counts are collected, standardized and aggregated into a regional bike/ped count dataset. Once completed, the dataset is distributed to the public through the DRCOG Regional Data Catalog.

Specific attribute needs:

- A local sourced unique ID field for each count location (A number field is preferable but not required. This unique ID should stay consistent over time, as DRCOG plans on asking for this data on an annual basis)
- Point shapefile of locations (exact coordinates or most accurate location description if coordinates are not available)
- Exact dates and times of data collection (Exact Dates and the begin and end time of each count is needed at a minimum. If it is a 24 hour count for one calendar day, that can be noted in lieu of start and end time fields. For time periods without gaps within a calendar day, its preferred that the data is summarized. If data is broken out into smaller time periods, that can be provided as well. Please provide counts summarized at a Maximum Time period of one calendar day (24 hours), and at a Minimum of 15 minute increments.)
- Bicycle and pedestrian counts distinguishable
- Daily count total by direction and mode (bicycle or pedestrian)

Regional Bike/Ped Count Schema: Below are the fields produced in the regional bike/count dataset. The GEOMID field is produced exclusively by DRCOG. We input data from local sources that is equivalent to any of the other fields that we produce, and fill in the gaps ourselves where possible.

Field Name	Field Type and Length	Field Definition
GEOMID	(Numeric/Long)	Unique Auto Generated Number
JURISID	(Text-50)	Unique Station ID From Source
DAY	(Text-2)	2 digit day(ex. 07,31)
MONTH	(Text-2)	2 digit month(ex. 07,31)
YEAR	(Text-4)	4 digit year
SEASON	(Text-6)	Season of count

DAYOFWEEK	(Text-50)	Day of Week of count
TIME_START	(Text-5)	Start time of count (24 hr clock)
TIME_END	(Text-5)	End time of count (24 hr clock)
HOURS	(Numeric/Double)	Duration of Count in Hours
WEATHER	(Text-50)	Weather reported by source at time of count
JURIS	(Text-50)	Reporting Jurisdiction/Source
COUNTY	(Text-50)	County station is located in
LAT	(Numeric/Double)	Latitude of count location
LONG	(Numeric/Double)	Longitude of count location
EB	(Numeric/Double)	Count of Eastbound Traffic
WB	(Numeric/Double)	Count of Westbound Traffic
NB	(Numeric/Double)	Count of Northbound Traffic
SB	(Numeric/Double)	Count of Southbound Traffic
FAC_TYPE	(Text-254)	Facility Type/Functional class of road/trail count taken on
NAME	(Text-254)	Name of station or description of count location
COUNT	(Numeric/Double)	Total Count Value
NOTE	(Text-254)	Miscellaneous Notes
TYPE	(Text-10)	Bike, Ped, or Bike & Ped