Summary Table

Data Category	Field Names	Field Description	Field Explanation
Identification	Operator	Operator submitting report	The information in the summary table provides aggregated monthly totals of the number of trips, vehicles, crashes, and incidences of parking and maintenance.
Date	Month	Date of report submission	
Trips	TotalTrips	Total number of trips	
Bicycles	TotalBikes	Total number of bicycles	
Reports	TotalCrashes	Total number of safety reports on any crashes	
	TotalInjuries	Total number of injury/fatality reports	
	Parking	Total number of illegal parking complaints	
	NonOperationalLS	Total number of bicycles removed from service because of theft or property loss	
Maintenance	Lights	Total instances of repair	
	WheelTire	Total instances of repair	
	Seat	Total instances of repair	
	Brakes	Total instances of repair	
	Frame	Total instances of repair	
	GearSystem	Total instances of repair	
	Lock	Total instances of repair	
	OtherRepair	Total instances of repair	
	NonOperationalM	Total number of bicycles removed from service because of maintenance	

Trip Table

Data Category	Field Names	Field Description	Field Explanation
Identification	Operator	Operator submitting report	The identification information allows DDOT to associate data from across the report tables. For example, DDOT can link a string of trips taken on the same bike to see how bikes travel across the city.
	TripID	Trip Identifier	
	BikeID	Bicycle Identifier	
	UserID	Traveler identifier	
Date	StartTime	Trip Start Date and Time	The date information allows DDOT to place the trip in time. For example, DDOT can see how long bikes are left idle or what time of day most trips are taken.
	EndTime	Trip End Date and Time	
Location	StartLatitude	The latitude coordinates of the trip's start point in decimal degrees (6 minimum)	The location information allows DDOT to place each trip geographically in the District. With this information, DDOT can see where trips are ending to improve bike parking or if bikes are being used to get to and from metro stations.
	StartLongitude	The longitude coordinates of the trip's start point in decimal degrees (6 minimum)	
	EndLatitude	The latitude coordinates of the trip's end point in decimal degrees (6 minimum)	
	EndLongitude	The decimal degree longitude coordinates of the trip's end point in decimal degree (6 minimum)	
	TripDistance	The distance traveled during trip (miles)	The distance information provides the actual (estimated) distance traveled based on the route the bike took. This allows DDOT to understand how far vehicles are being ridden. For example, if many trips are long, maybe they are replacing car trips but if they are short, vehicles may have been used instead of walking.

Event Table

Data Category	Field Names	Field Description	Field Explanation
Identification	BikeID	Bicycle Identifier	The identification information allows DDOT to associate data from across the report tables. In this table, it also allows us to link the breadcrumbs (waypoints) across a single trip or bike.
	TripID	Trip Identifier	
Date	CaptureTime	The capture date and time of event	The date information allows DDOT to place the trip in time. This data shows when the waypoint was collected so the data can be ordered chronologically.
Location	Latitude	The decimal degree latitude coordinates of event (6 minimum)	The location information gives DDOT the coordinates of each waypoint. By combining the waypoints on a single trip, DDOT can begin to identify routes that are often traveled. This may show streets that people feel safest riding or identify streets that could have bicycle infrastructure improvements.
	Longitude	The decimal degree longitude coordinates of event (6 minimum)	