Re: Knoxville's Open Data Initiative

KnoxData - a local data science meetup group underneath the KnoxDevs umbrella - met with some members Friday, `2018-07-13` , to discuss civic data of interest in an effort to formulate what data types should be looked at first during the Open Data Sprints set to begin in August. Following discussion, some votes were placed (but not entirely done) to give a sense of some priority to release. Below is a table of all of the ideas that were generated. It is likely a few are of datasets that do not exist (intriguing ideas for future ways to collect such data) or datasets that may prove too sensitive to release. Some idea of data availability is provided (based on internal surveys), as well as highlighting some datasets that might be sensitive.

Datasets of Interest

Below is a listing of all ideas generated

Dataset	Votes	Gov Entity	Department?	Sensitive	Available internally	Available Externally
Public Wi-Fi Areas	4	City / MPC			?	
Sidewalk Locations	3	MPC	Engineering		Yes, but digitally?	
TCAP scores (by school, by district)	3	TN Dept Edu			Yes	Yes
Recycling + Trash Pickup Dates and Routes	2	City	Public Service (Recycling) - Solid Waste (Trash)	Yes, but digitally?		
Bus AVL (automatic vehicle location) data	2	City	KAT		No?	
Event Permits	2	City			Yes	
Road closures	2	City / MPC			Yes	
Gas, Water, Cable, Underground Electric map	2	KGIS		Probably	Yes, but digitally?	
TDOT Projects	2	TDOT			Yes	
Hospital Statistics	1	?		?		
Traffic Signal Data	1	City	Engineering	Probably?	Yes	
Market Square Garage Spaces - real time	1	City			No?	
Health Inspection Logs	1	City		?	Probably?	
Public Auctions	1	City			Yes	
Outage Response Time Power / Water	1	KUB?			Yes	
Traffic cameras	1	TDOT / City		? (if plates are visible)	Yes	
Homeless Population	1			?	?	
Trucking Weigh Stations	1	TDOT			?	

Dataset	Votes	Gov Entity	Department?	Sensitive	Available internally	Available Externally
Stream / River / Quarry Water Quality	1	City / TDEC			?	
Law Enforcement Records	City	KPD	?			
Open Carry Locations		City				
City on-street parking spaces - use	City			Meters: yes; use?		
Requests for Building and Business Permits	City			Yes		
Pay Phone locations		City			?	
Water Table Levels		City				
Air Quality Monitors		City			?	
Business Licenses		City			Yes	
Anonymized City Employee Data	City		?			
311 Call by Call Log		City	311		Yes	No
311 Response / outcomes linked with property tax values	City	311			No	
Cycling / Pedestrian Collisions	City	KPD				
Bikeshare data, use + demographics (if collected)	City / Pace		? (if too small)			
Pothole data		City / TDOT			Unsure of how currently collected	
Sewer Systems		KGIS				
Location of parking meters, fire hydrants	KGIS?					
School zones		MPC			Yes	
Public School Locations	MPC			Yes		
Location of solar panels in City	City		? (are there any?)			

Dataset	Votes	Gov Entity	Department?	Sensitive	Available internally	Available Externally
Trace chemicals in water	City		?			
TN River Water temperature				Probably not		
TN River Water Depth (/ flow at downtown)			Probably not			
Meads' Quarry / Ft. Dickerson Quarry Water Temperature			No			
Invasive Species Survey	?			?		
Brush pickup		City			Yes	
Business Historical Data	City			?		