Subject: DTS- Open Data

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FY 2018 Proposed Budget
Budget Work Session Follow-up

3/28/2017

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The following information is provided in response to a request made by John Vihstadt at the work session on 3/2/2017, regarding requested statistics on the use of the open data site and datasets.

Arlington Data is the County's formal open data program that provides direct access to and easy use of County government data. The County uses Application Programming Interfaces (API) that allow for users to access and consume data in a convenient, consistent, secure and orderly fashion. The County is constantly expanding its publication of datasets to further its goals of transparency and accountability. These open data sets will create opportunities to visualize the data from many perspectives and for various innovative purposes. The Open Data Portal is a website that provides access to datasets including such topics as Public Safety, Health and Food Inspections, Demographics, Economic Indicators, Transportation and more. The Open Data Portal was made publically available in February 2016 and has since grown to offer 152 available datasets and 96 visualizations (graph & charts). The Open Data Portal can be accessed at http://data.arlingtonva.us/ . Additionally, the Department of Technology Services publishes an "Open Data Blog," where citizens can learn about the most recent updates and news, provide feedback on the current data and request new datasets to be made available.

The provided statistics display the total views of the Open Data information since its creation.

Open Data Use Statistics (Since February 2016):

- Number of data views by users – 852,431
- Number of charts viewed by users – 358,499
- Most popular datasets viewed by users:
  1. Traffic Cameras – 70,388
  2. Stop work and Unsafe Buildings – 12,192
  3. Family Child Care Centers – 12,141
  4. Monthly Hotel Average Daily Rates – 11,784
  5. Metro Rail Station Entrance Locations – 11,523
  6. Vacancy Rates – 11,003
  7. Police Incident Log – 8,806
  8. Staff Directory – 8,761
  9. Library Materials Owned – 7,378
  10. Real Estate Sales History – 6,923

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"My Arlington", the County's mobile application for iPhone and Android devices, puts popular County information about news, alerts, events, meetings, real estate, permits and more in the palm of your hand. The free app also provides the latest news and updates from County government, Arlington Public Schools and local transit agencies including Arlington Transit (ART) and the Washington Metropolitan Area Transit Authority.

Since its initial launch in January 2016, the County has continued to expand its "My Arlington" mobile app to help County government better engage and communicate with the community. Some additions over the past year include:

- New Releases from the County and Arlington Public Schools
- Voting information, complete with maps of polling and prescient locations
- New and improved staff directory to make finding employees quicker and easier
- Information on development projects, complete with County site plans, stop work orders and more.

The most impactful addition is a result of Arlington County joining Google's Connected Citizens Program, an initiative to improve traffic conditions and transportation infrastructures by facilitating a traffic related data exchange between Waze and local governments.   As part of the data sharing agreement between Arlington and Google, Arlington supplements what Waze users report with information on major planned closures, including closures from special events. This will directly benefit all Waze users as they navigate in Arlington. In return, the County receives real-time information — crowd-sourced from the streets – on traffic conditions and flow in Arlington. Warnings of high-impact traffic disruptions, along with live camera feeds of those locations, are incorporated into the County's "My Arlington" mobile app.

"My Arlington" Application (Installs since January 2016):

- Number of downloads to iPhone (IOS) – 3,783
- Number of downloads to Android - 951