

# TaCo Tuesday!

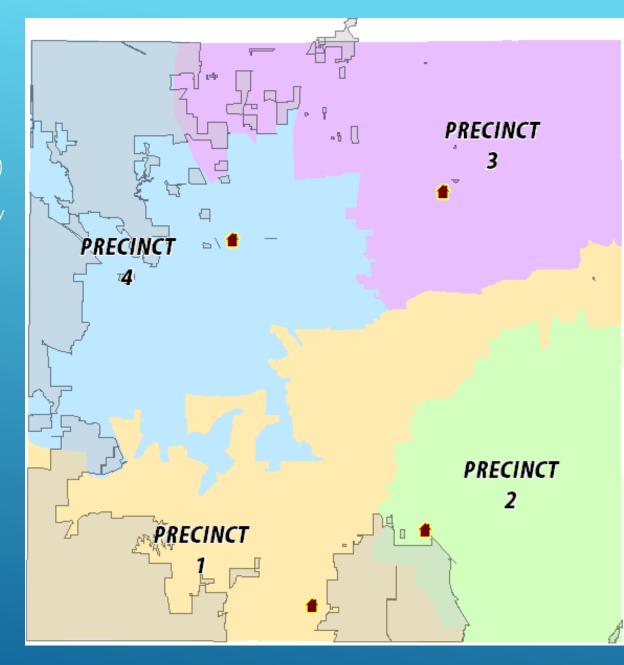
Presented by:
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GIS Manager
Tarrant County
May 15, 2018

### OUTLINE

- ► Tarrant County facts
- ► GIS Center of Excellence
- ► GIS matrix
- ▶ Examples
- ▶ Challenges
- ▶ Ideas for the future
- ▶ Deep dive into Crime Map Portal

#### TARRANT COUNTY FACTS

- ► Population 2,054,475 (US Census QuickFacts, July 1, 2017)
- ► Registered voters 1,101,232 or 53.6% (as of May 4<sup>th</sup>, 2018)
- County seat is Fort Worth
- ▶ 16<sup>th</sup> largest County in the U.S.
- 41 incorporated areas within Tarrant County
- ► Forbes List of <u>America's Best Midsize</u> <u>Employers</u> 2018



### GIS CENTER OF EXCELLENCE

- ► Staff of 3 developers
- ▶ 32 users in 17 departments
- ► Over 4,000 employees
- ► ArcGIS 10.6 server, ArcGIS 10.6 desktop, and Pro 2.1 desktop
- ▶ 5% of BADS operational budget
- Awards
  - ▶ National Association of Counties Award "Public Health West Nile Virus Program"
  - ▶ Digital Government Achievement Award "Public Health West Nile Virus Program"
  - Center for Digital Government's Government Experience Project Award "Be Mosquito Free"



## DEPARTMENTS SUPPORTED

	Department	General Public	Administration	Community Development and Housing	Constables	County Clerk	Courts	Criminal District Attorney	District Clerk	Elections	Emergency Management	Facilities Management	Fire Marshal	Information Technology	Juvenile Services	Medical Examiner	Precincts 1-4	Public Health	Purchasing	Sheriff	Tax Assessor- Collector	Texas Agrilife Extension	Transportation	Veteran Services
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Map gallery		*												*										

#### **EXAMPLES**

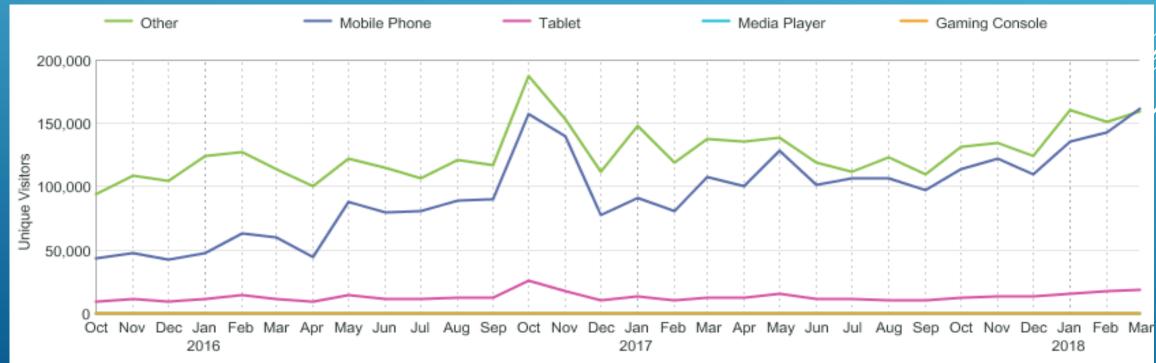
- ▶ <u>Waze</u> and Waze analysis
- ► Criminal District Attorney animation
- ▶ <u>Facility Finder</u>
- ► Service Now
- Open Data Portal
- ► TarrantCounty.com map and app gallery

# CHALLENGES



#### CHALLENGES

- ▶ Transition users from desk to web
- ▶ Transition users from desk to mobile
- ▶ Maximize GIS investment
- Awareness / Collaboration



Device Type Report | Multiple Segments | Thu. 1 Oct. 2015 - Sat. 31 Mar. 2018 | Graph generated by Adobe Analytics at 8:46 AM CDT, 20 Apr 2018

#### IDEAS FOR THE FUTURE

- Integration with more APIs and enterprise applications
- ▶ Tarrant County API
- More automation (Python scripts and task scheduler)
- Data driven decisions (e.g., Estimate costs, contract negotiations, forecasting, predictive analytics, situational awareness)
- Waze reports of dead animals and potholes passed to Cartegraph and routed to appropriate Precinct
- Analyze Waze data for Transportation traffic management and maintenance cost predictions
- ► Enhanced TAD integration
- ► Single sign-on for Tarrant County citizens

# QUESTIONS?

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