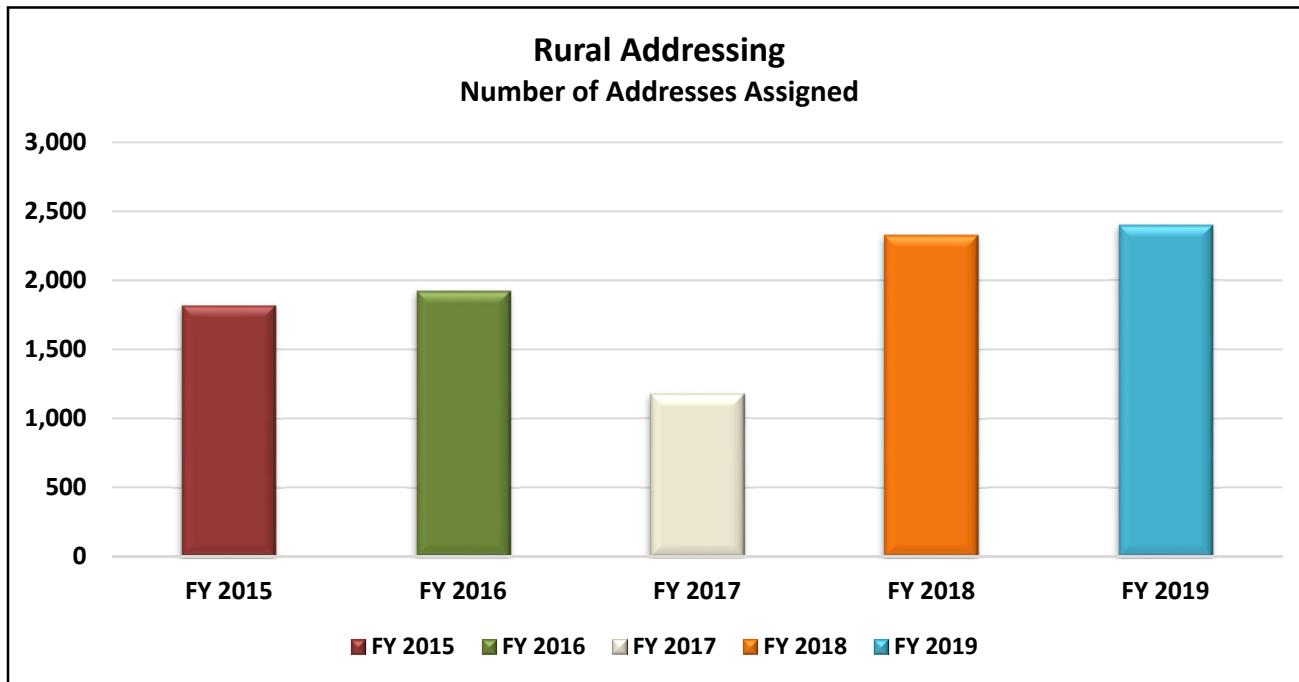# FY 2019 GIS Statistics

Rural Addressing

Assign e911 emergency response addresses to rural structures of Collin County. The responsibilities of this program are to assign addresses, update the statewide e911 address range database to reflect city annexations and communicate address and changes to the customer, Post Office, Sheriff's Office and other related agencies. This program is part of the Building Permit work-flow process of Development Services. This program is dependent on the Geospatial Database Management, Application Development, Cartography and Spatial Analysis programs of the GIS Department to be functional. The results of this program benefit Public Works, Auditor's Office (GASB 34), Sheriff's Office and the Elections Department. Each of these departments has a vested interest in the accuracy of roads and boundaries.
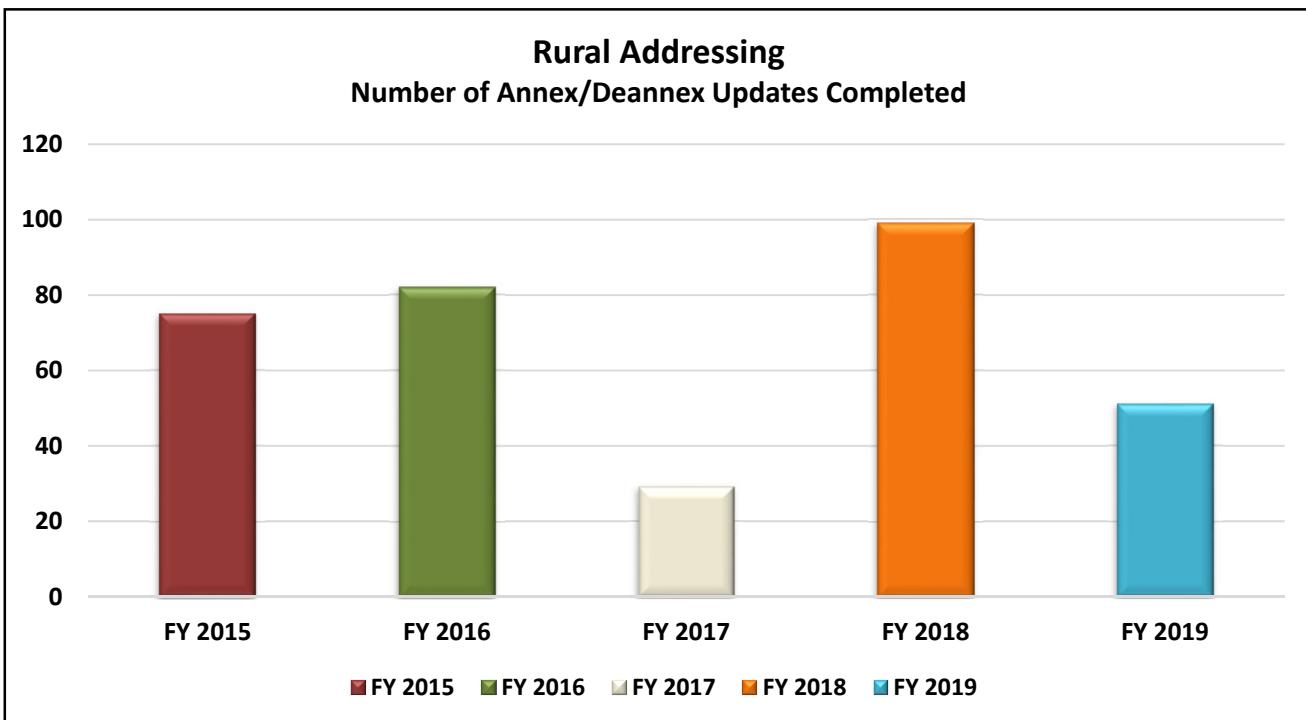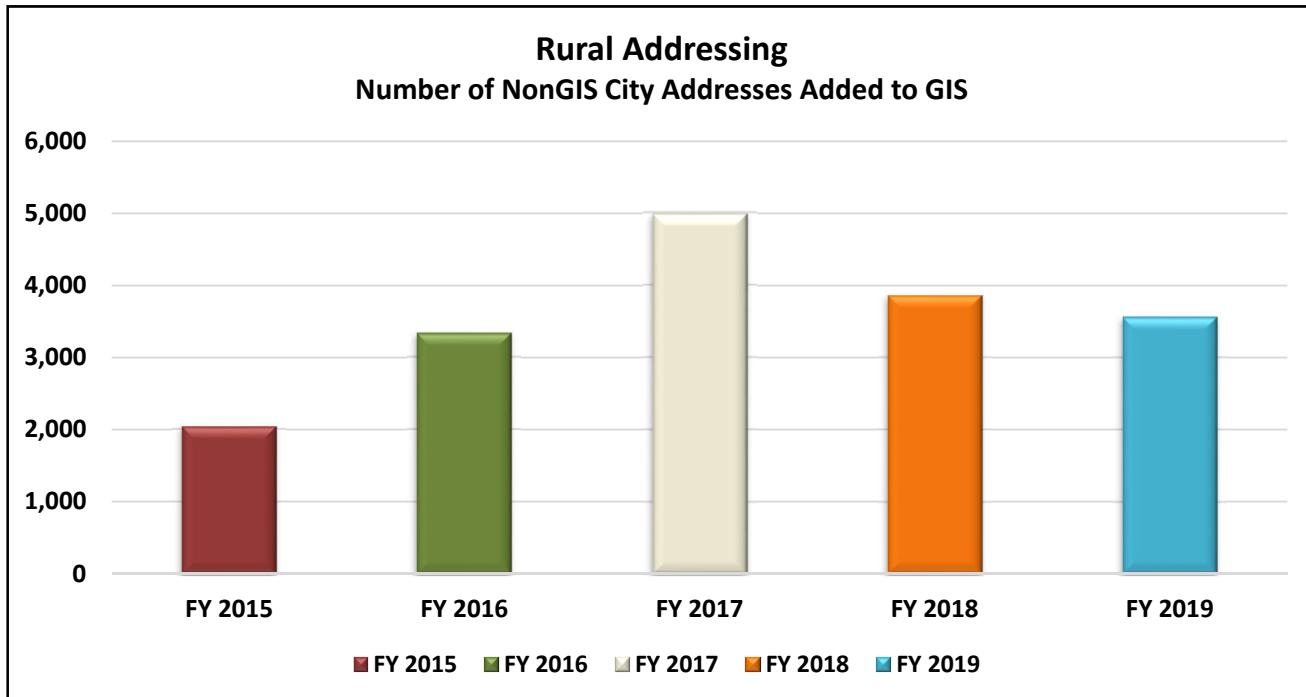
Goals & Objectives

1. To Assign Addresses within 3 business days of receipt 95% of the time.
2. To update Annex / Deannex information within 10 business days of receipt 90% of the time.
3. To process Road Name Petitions within 21 business days of receipt 90% of the time.
4. To update 911 Net system for rural MSAGs within 10 business days of receipt 95% of the time.
5. To make City/County coordinated MSAG recommendations within 10 days for City 911 Net system updates 95% of the time.
6. To communicate with City to update 911 Net system as recommended.
7. Track acreage of land annexed by cities monthly.
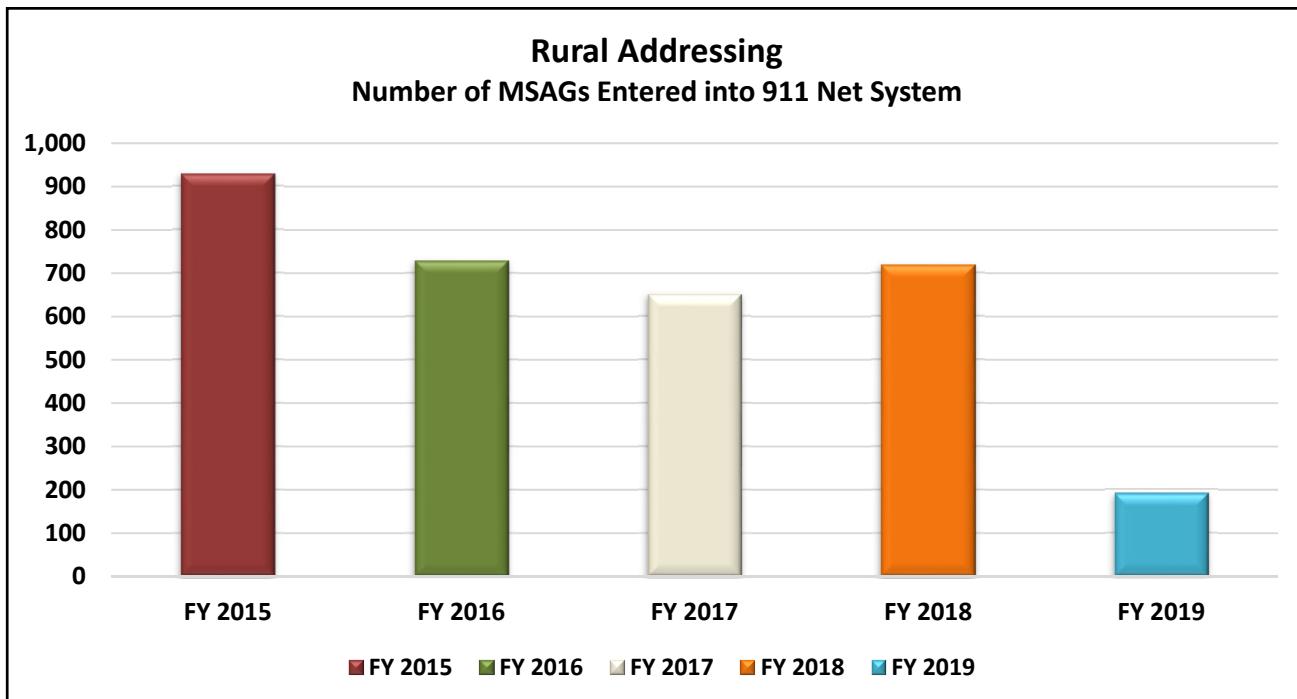8. Track Collin County population.

Rural Addressing
Number of Addresses Assigned

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
# of Addresses Assigned	1,819	1,923	1,176	2,326	2,397

FY 2019 GIS Statistics

Rural Addressing
Number of NonGIS City Addresses Added to GIS

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
# of NonGIS City Addresses Added to GIS	2,044	3,332	4,985	3,863	3,562

Rural Addressing
Number of Annex/Deannex Updates Completed

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
# of Annex/Deannex Updates Completed within 10 Days	75	82	29	99	51

FY 2019 GIS Statistics

Rural Addressing
Number of MSAGs Entered into 911 Net System

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
# of MSAGs Entered into 911 Net System within 10 Days	929	729	651	719	191

Rural Addressing
Number of Road Name Petitions Completed

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
# of Road Name Petitions Completed within 21 Days	8	17	4	10	12

FY 2019 GIS Statistics
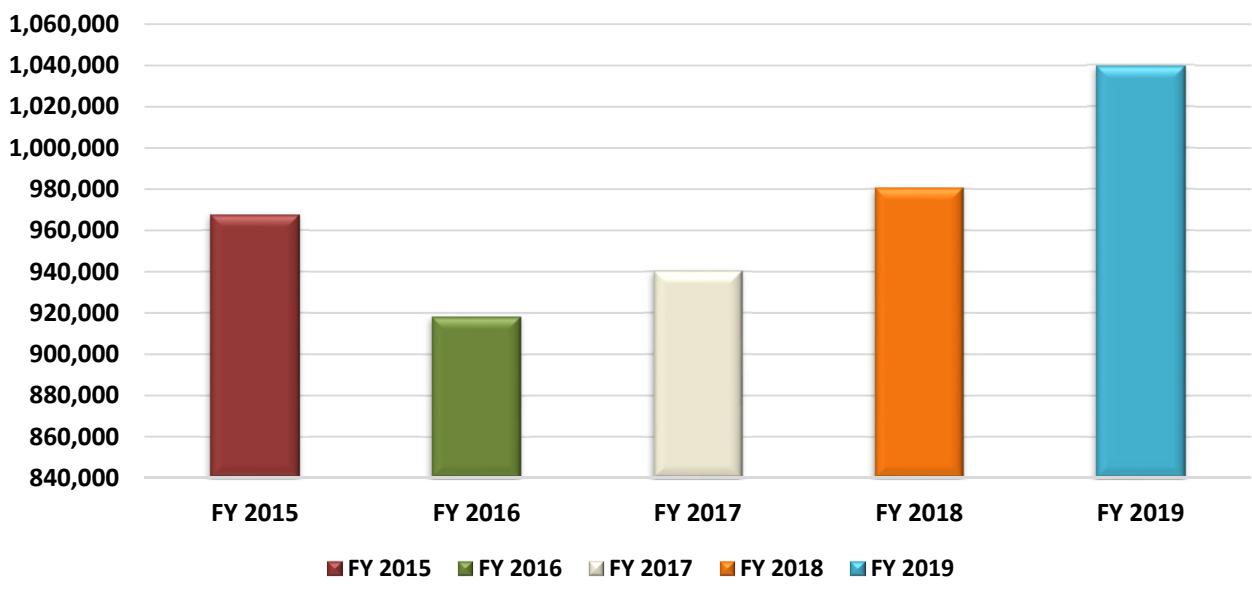
Rural Addressing
Acreage of Land Annexed by Cities

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Acreage of Land Annexed by Cities	3,858	4,044	901	2,155	1,716

Rural Addressing
Collin County Population

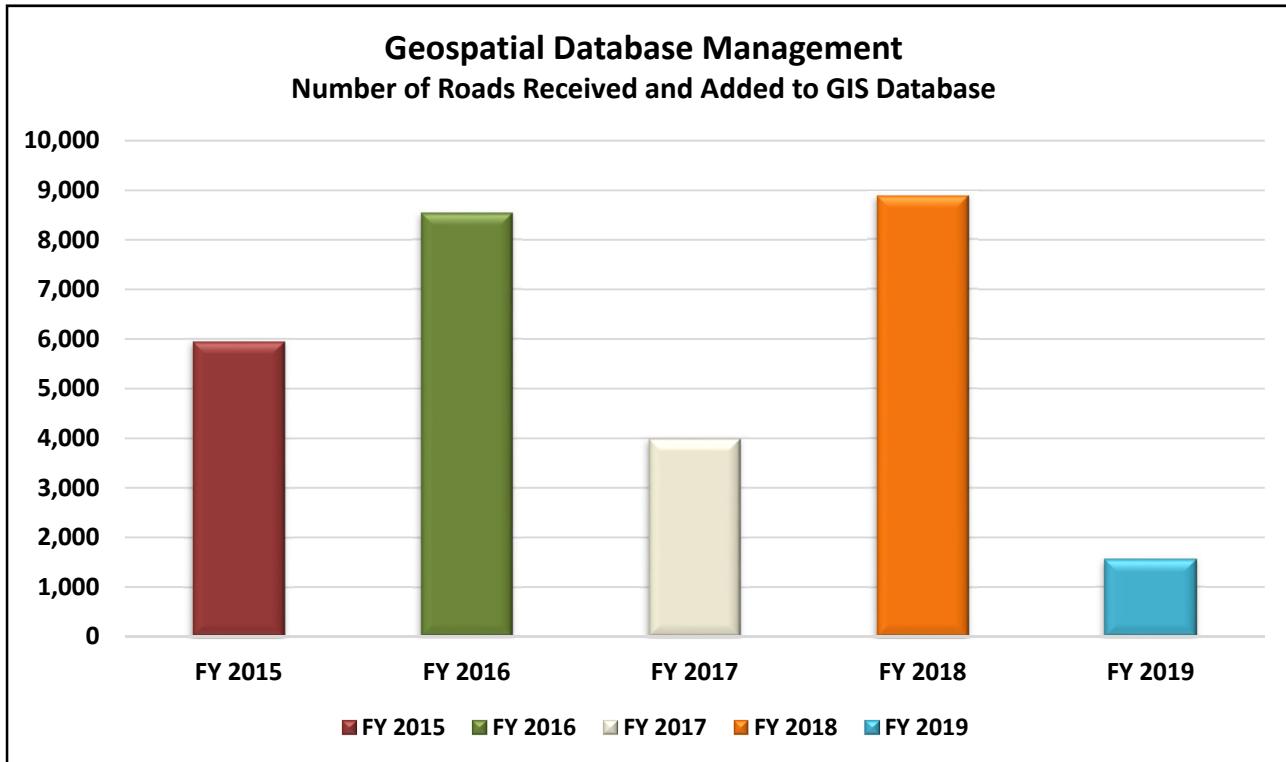|	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Collin County Population	967,548	918,234	940,262	980,661	1,039,512

FY 2019 GIS Statistics

Geospatial Database Management

It is our department's goal to provide access to our GIS database to all employees and citizens. We have tiered our environment to three major components – Development, Power User and Web. Development is the GIS department. Power users are the departmental users and the web is for all. Mobile and Wireless GIS are now part of the architecture. All of the GIS Departments major programs are dependent on Geospatial database management. This program is the essence of GIS and requires hardware, software and network infrastructure.
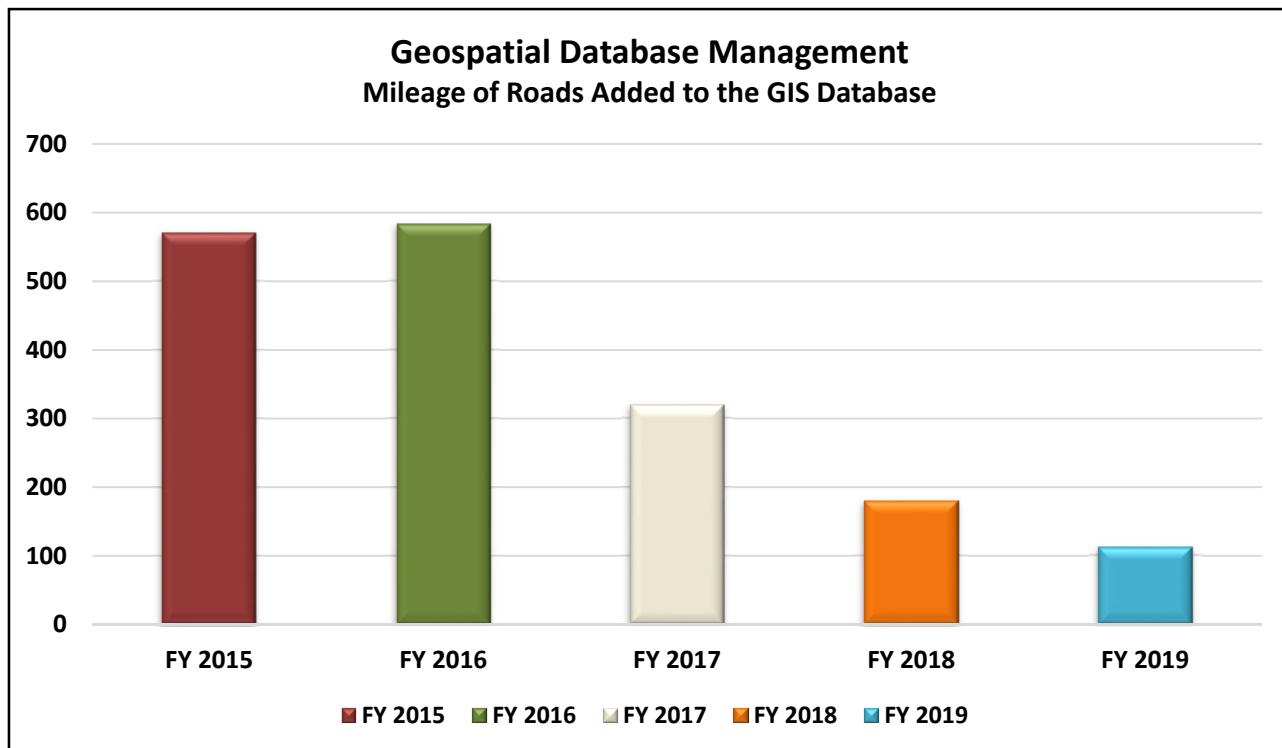
Goals & Objectives

1. To track the number of additions to the GIS database monthly.
2. To track the total mileage of roads in Collin County.
3. To track the total mileage of Collin County maintained roads.
4. To track the total mileage of city boundaries in Collin County.

Geospatial Database Management
Number of Roads Received and Added to GIS Database

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
# of Roads Received and Added to GIS Database	5,952	8,536	3,986	8,881	1,551

FY 2019 GIS Statistics

Geospatial Database Management
Mileage of Roads Added to the GIS Database

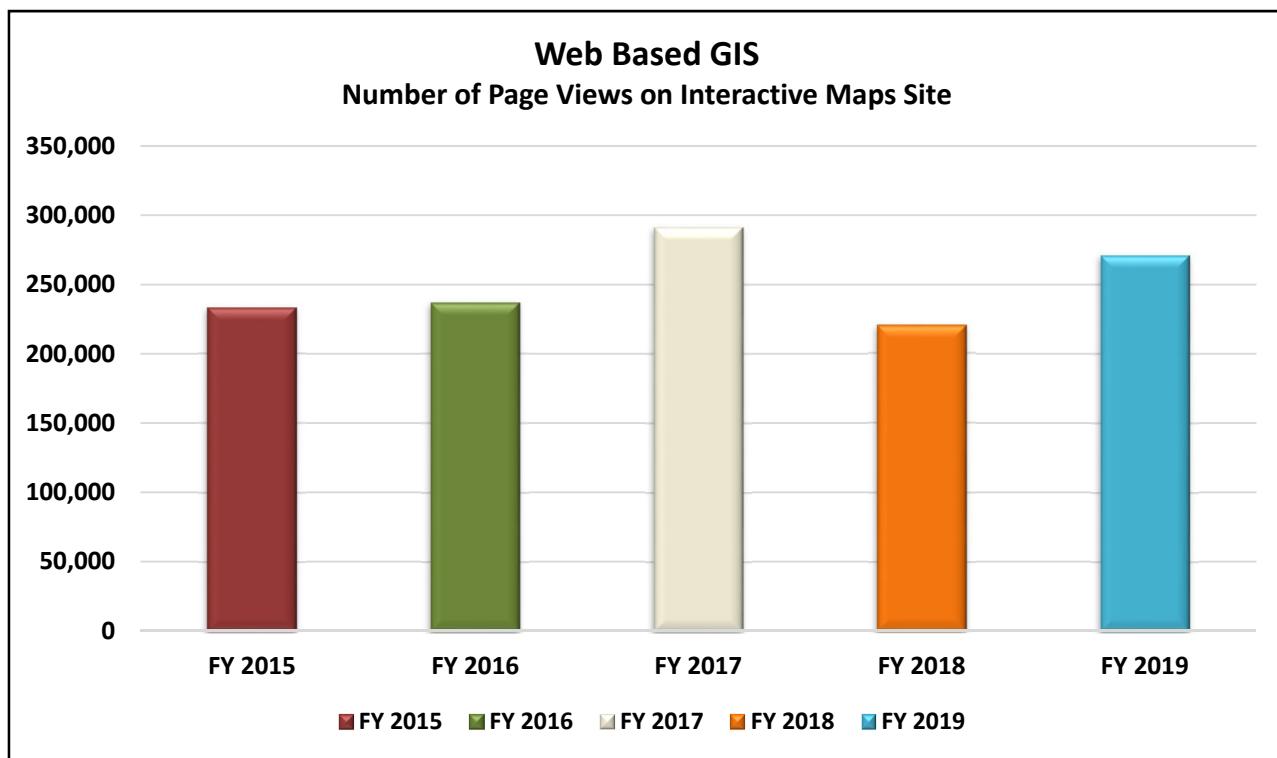|	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Mileage of Roads Added to the GIS Database	571	584	320	180	112

FY 2019 GIS Statistics

Web Based GIS

The Web Based GIS program allows Collin County to "give back" to our constituency all of the time and resources spent developing the GIS database. We continue to develop web GIS projects and any citizen can view our aerial images, 2' contours and other data at any time as most of our GIS layers are now on the web. This program is dependent on the Geospatial Database Management, Application Development, Cartography, and Spatial Analysis programs of the GIS Department to be functional. The result of this program is a cost-effective method for the citizens, County departments, agencies and business to access our geospatial data.
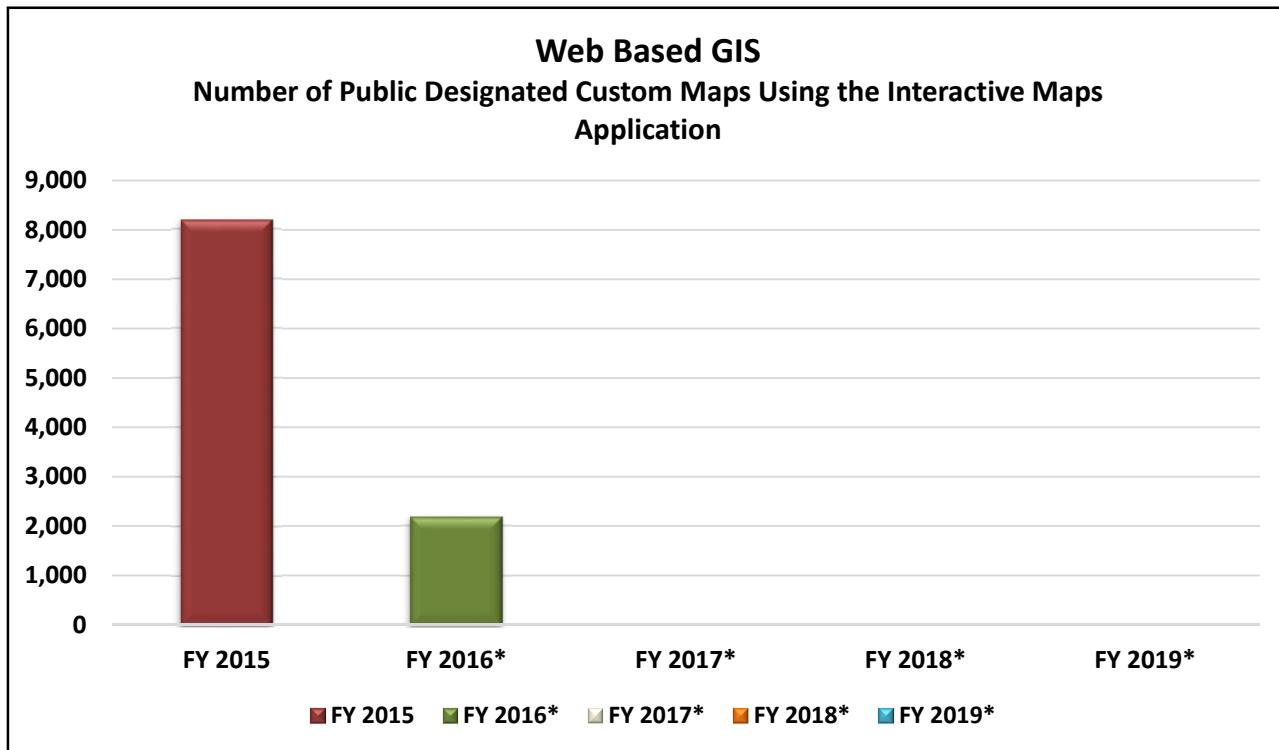
Goals & Objectives
1. To track the # of page views for the Interactive Maps application.
2. Track the number of public-designed custom maps monthly.

Web Based GIS — Number of Page Views on Interactive Maps Site

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
# of Page Views on Interactive Maps Site	233,354	237,014	291,349	220,267	271,219

FY 2019 GIS Statistics

Web Based GIS
Number of Public Designated Custom Maps Using the Interactive Maps Application

	FY 2015	FY 2016*	FY 2017*	FY 2018*	FY 2019*
# of Public Designated Custom Maps	8,195	2,185	N/A	N/A	N/A

No longer able to track this data as of April 2016.
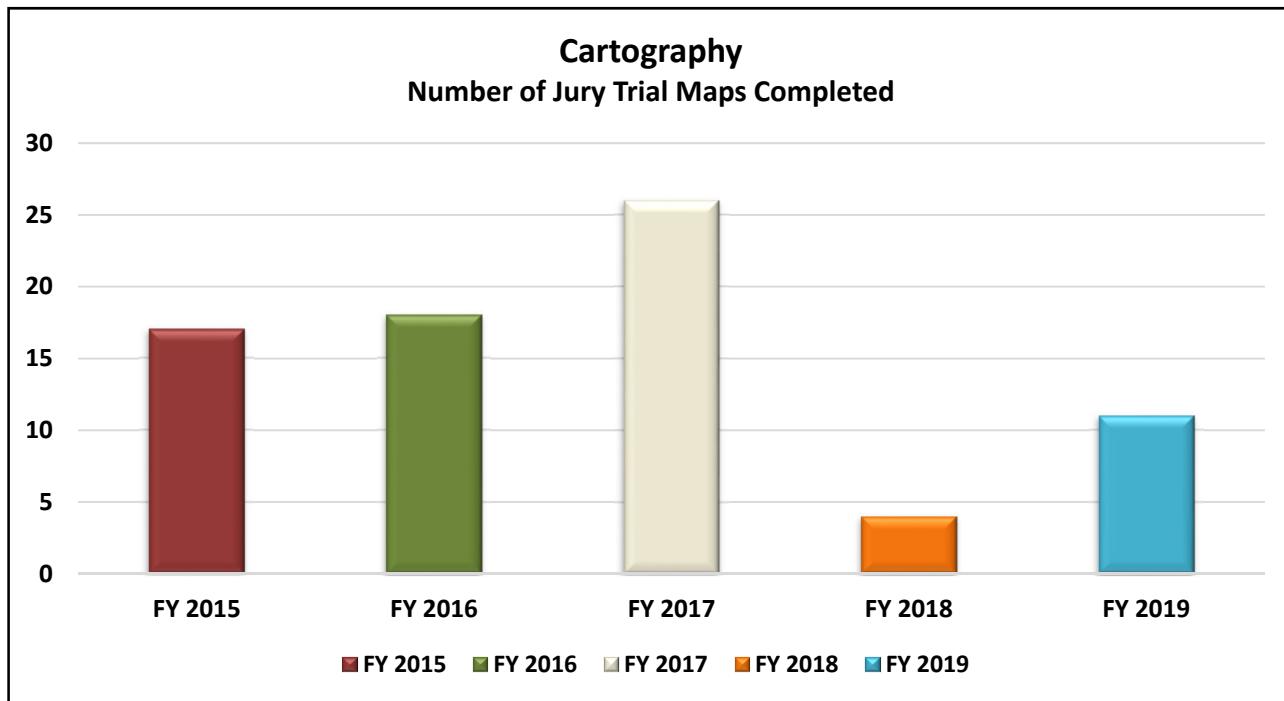
Cartography

Many may consider mapping the only thing the GIS Department does. However, cartography is often the end result of analysis that is performed. For instance, the Rural Addressing, GIS Services and Web-Based GIS all use cartography as part of their function. The Cartography program allows our office to creatively represent spatial information in clear and concise manner. We are an office of Geographers and cartography is our tool to creatively express ourselves. This program requires the Geospatial Database Management program (GIS software) to function.
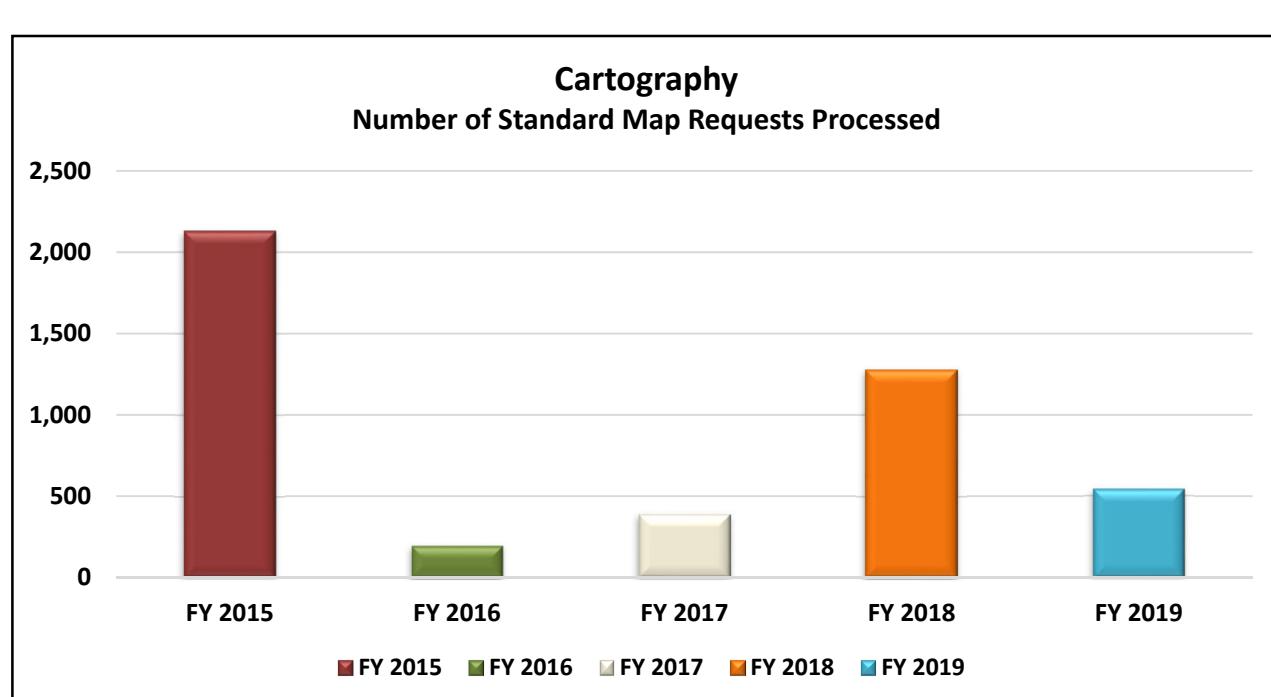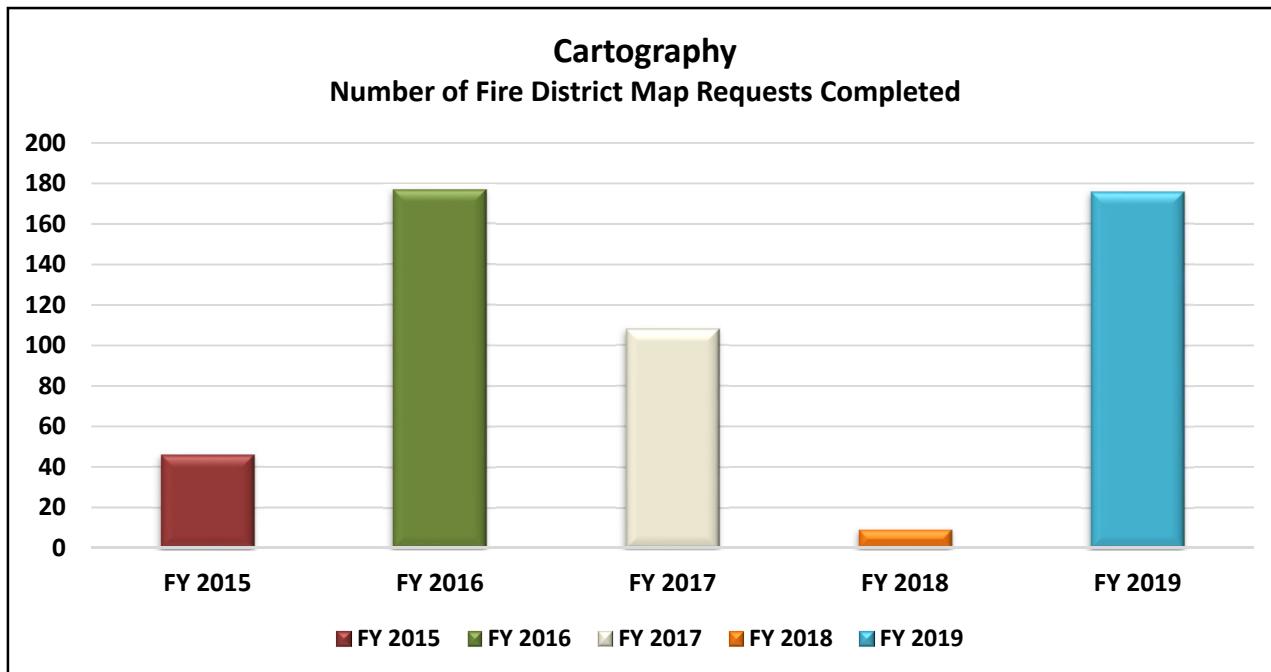
Goals & Objectives

1. To complete Jury Trial maps prior to trial date 95% of the time.
2. To design / plot fire district maps within 1 month of request from VFD 90% of the time.
3. To process "standard" map requests as identified in the Incident Management system 90% of the time.
4. To process "custom" map requests identified in the Incident Management system 90% of the time.
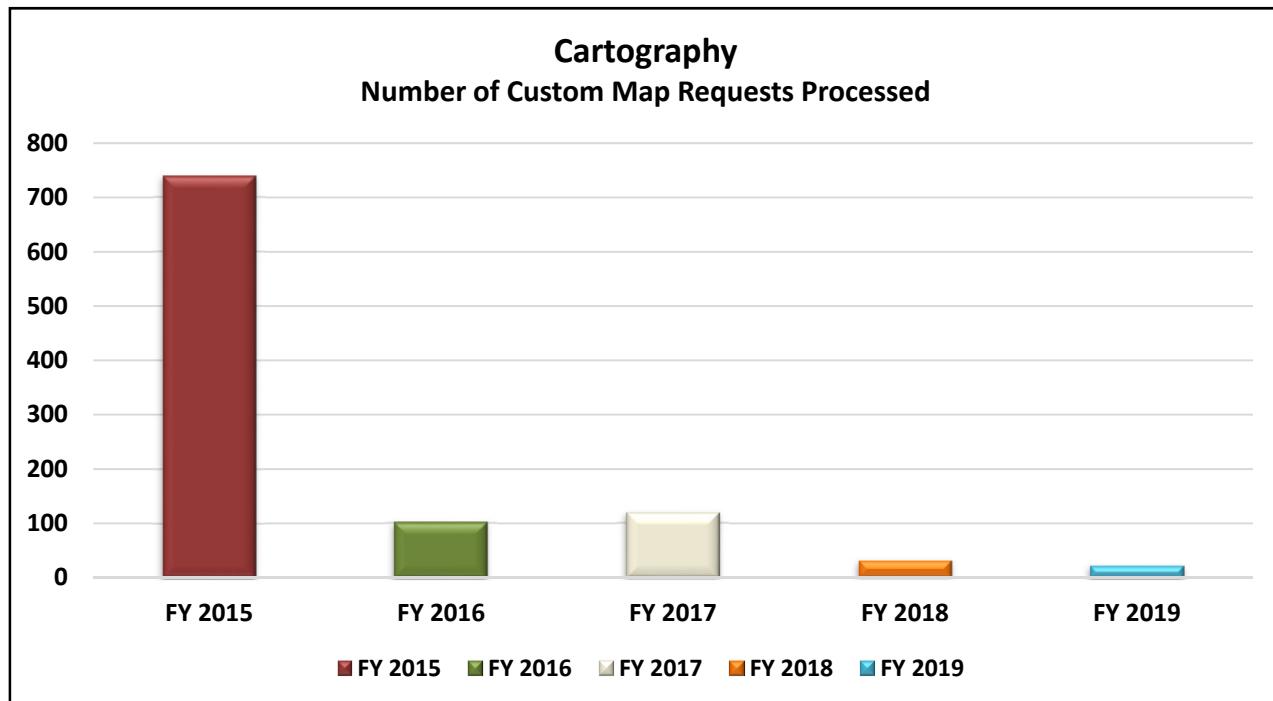

Cartography
Number of Jury Trial Maps Completed

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
# of Jury Trial Maps Completed as Identified in the Incident Management System	17	18	26	4	11

FY 2019 GIS Statistics

Cartography
Number of Fire District Map Requests Completed

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
# of Fire District Map Requests Completed within 1 Month	46	177	108	9	176

Cartography
Number of Standard Map Requests Processed

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
# of Standard Map Requests Processed as Identified in the Incident Management System	2,130	190	387	1,276	539

FY 2019 GIS Statistics

Cartography
Number of Custom Map Requests Processed

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
# of Custom Map Requests Processed as Identified in the Incident Management System	740	102	119	31	22