

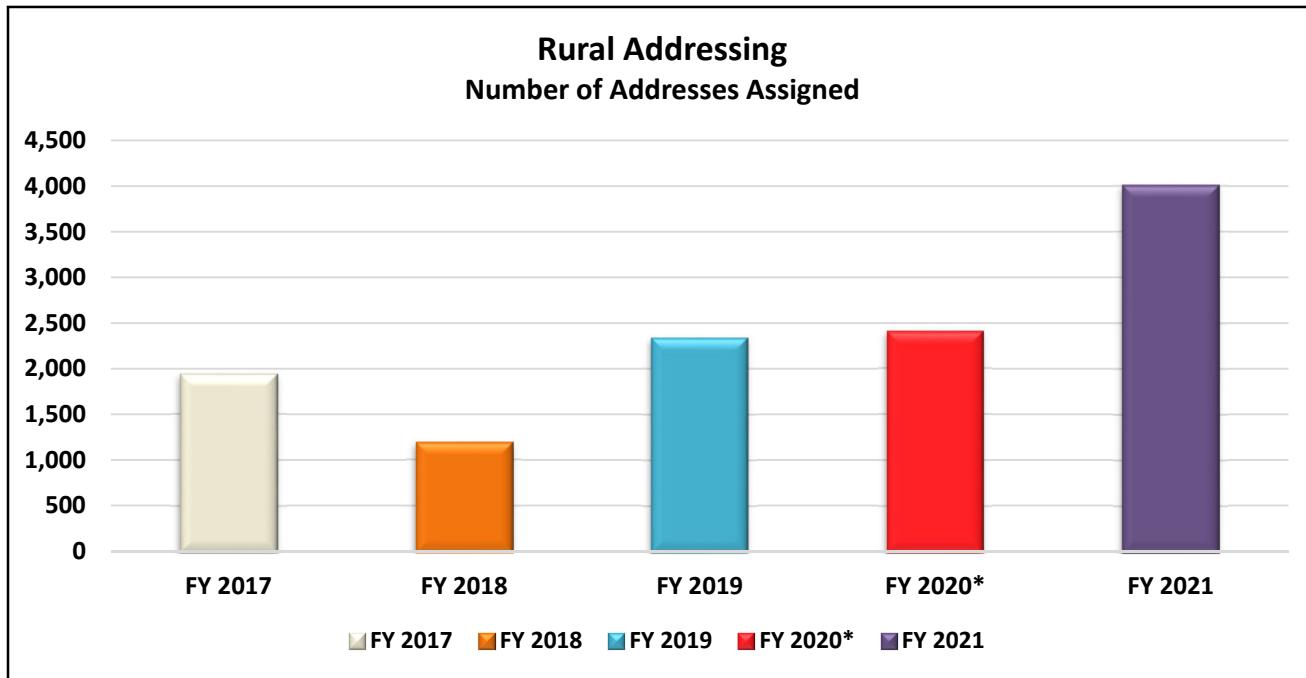
FY 2021 GIS Statistics

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

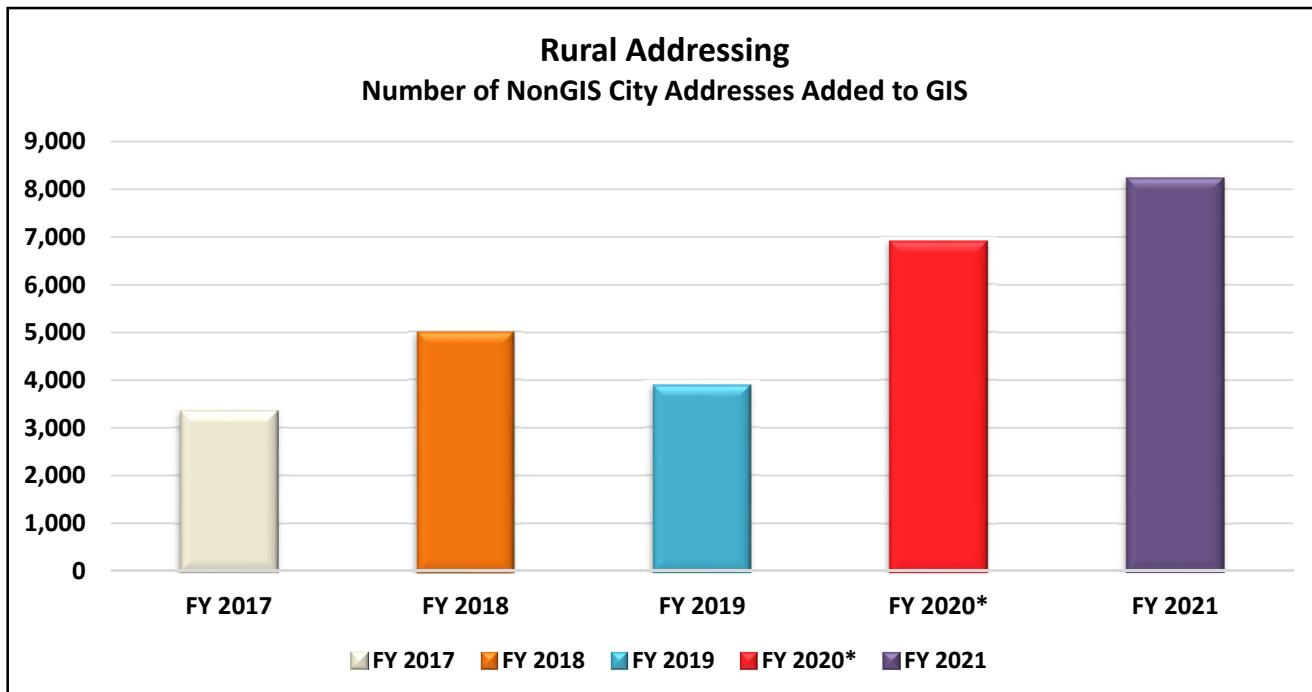
1. To Assign Addresses within 3 business days of receipt 95% of the time.
2. To update Annex / Deannex information within 10 business days of receipt 90% of the time.
3. To process Road Name Petitions within 21 business days of receipt 90% of the time.
4. To update 911 Net system for rural MSAGs within 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.



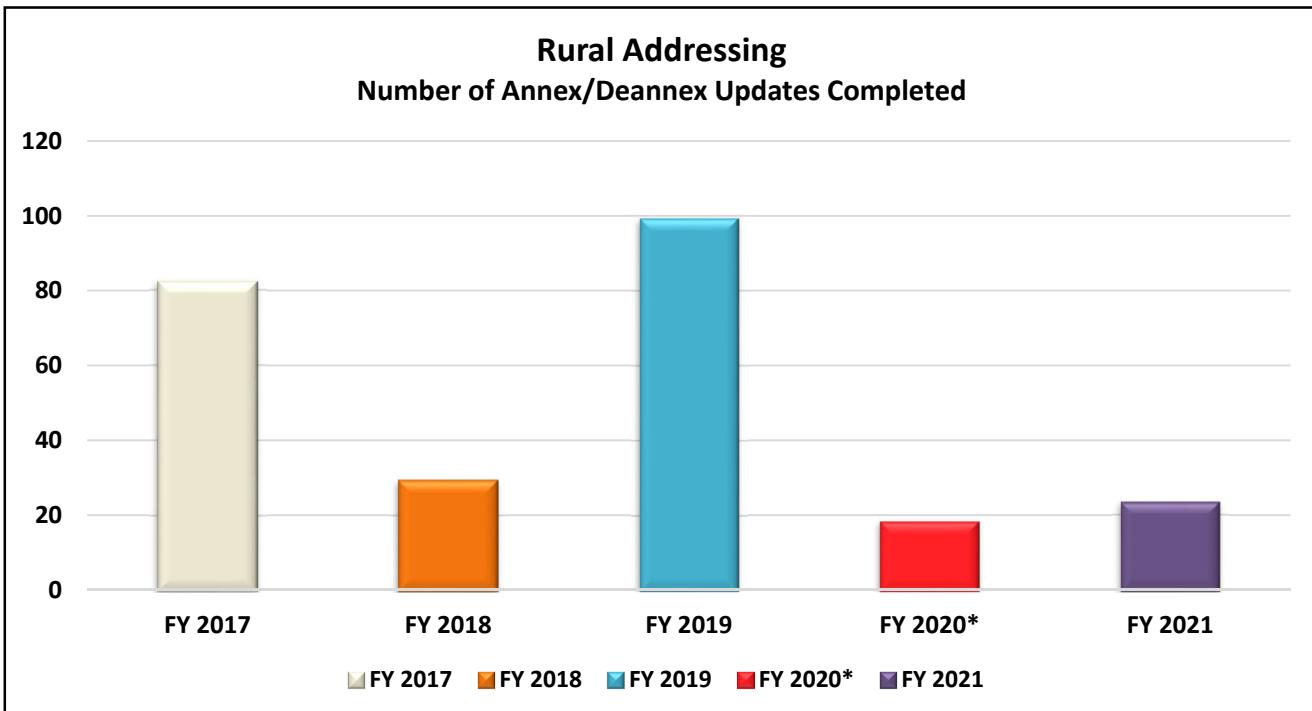
	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
# of Addresses Assigned	1,923	1,176	2,326	2,391	3,998

*Disaster Declaration issued by County Judge March 16,2020 due to COVID-19

FY 2021 GIS Statistics



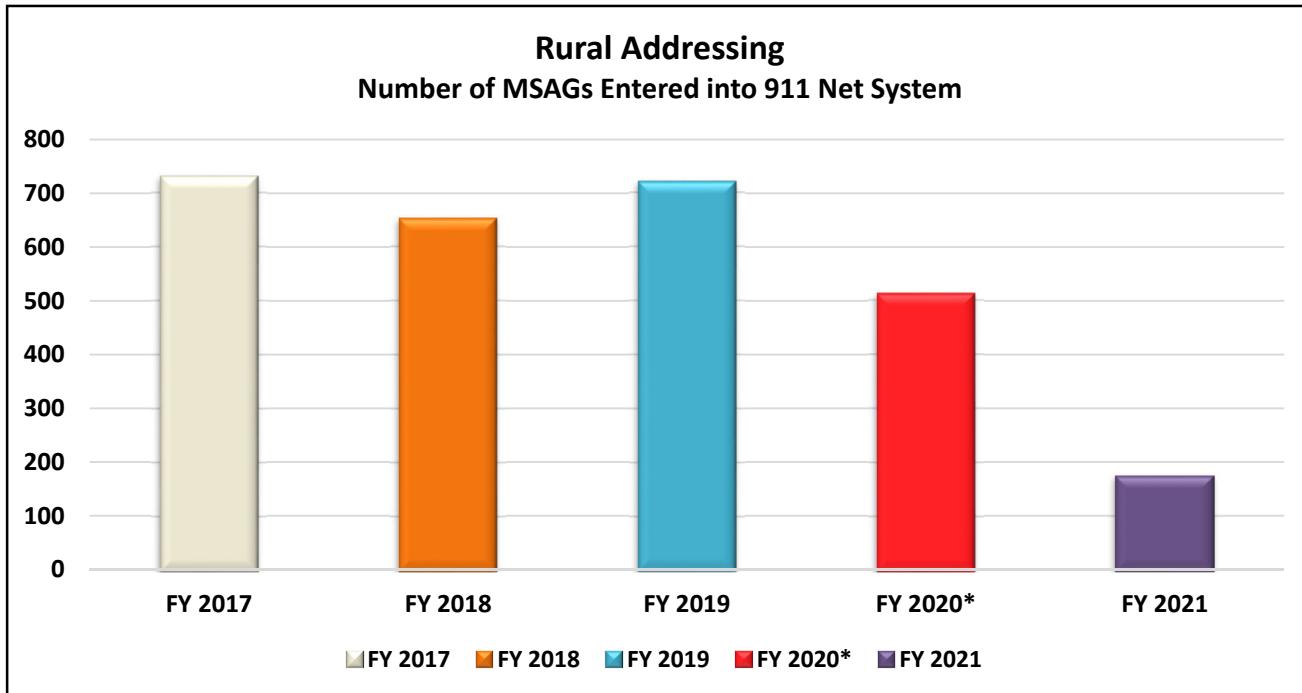
# of NonGIS City Addresses Added to GIS	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
	3,332	4,985	3,863	6,883	8,227



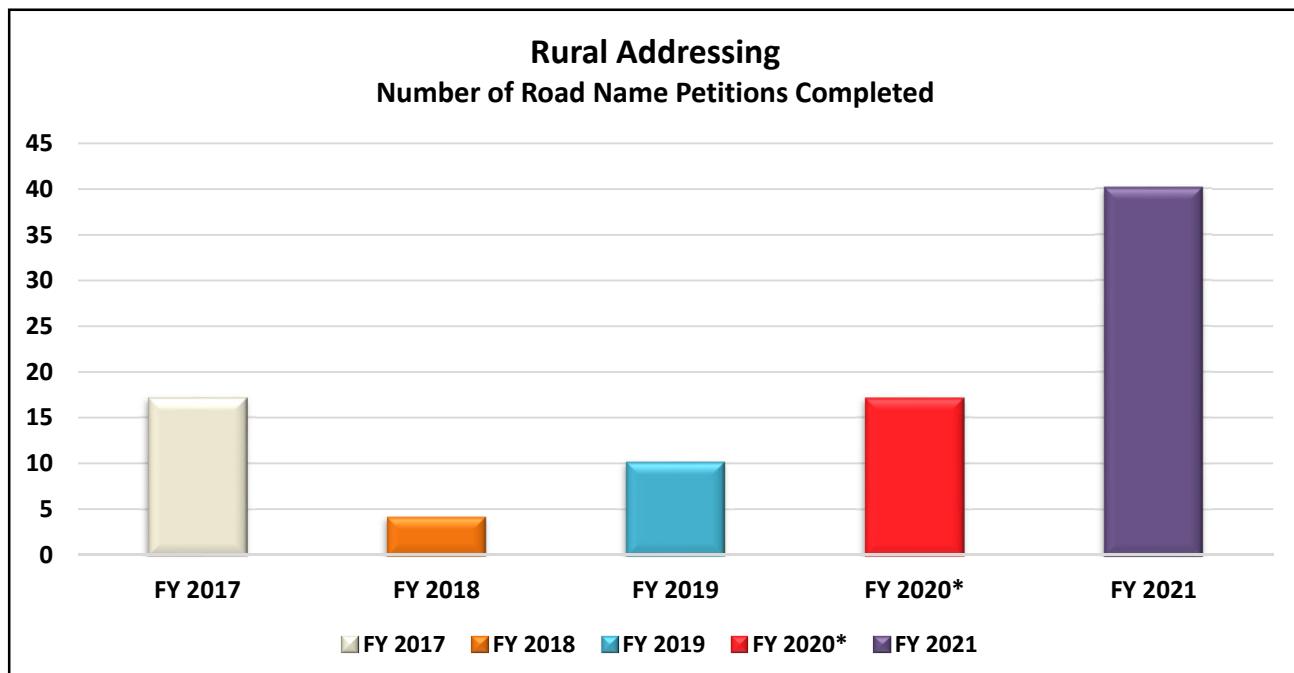
# of Annex/Deannex Updates Completed within 10 Days	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
	82	29	99	18	23

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FY 2021 GIS Statistics



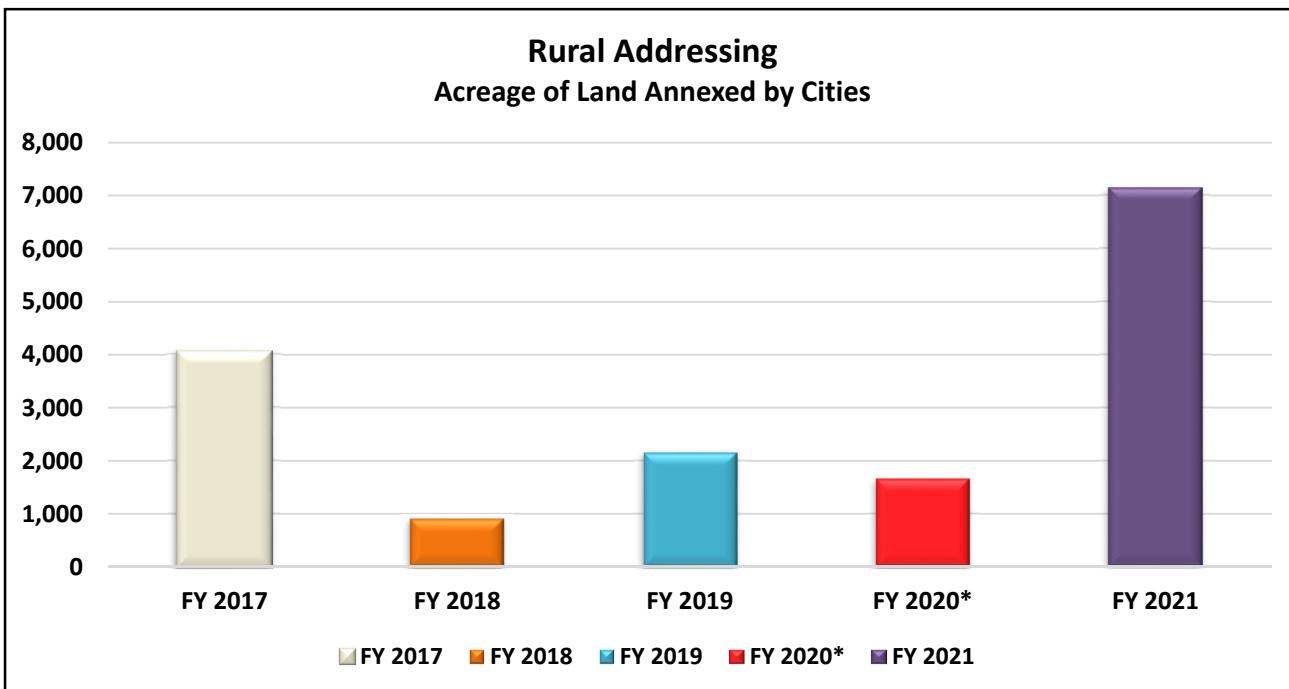
	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
# of MSAGs Entered into 911 Net System within 10 Days					
	729	651	719	511	172



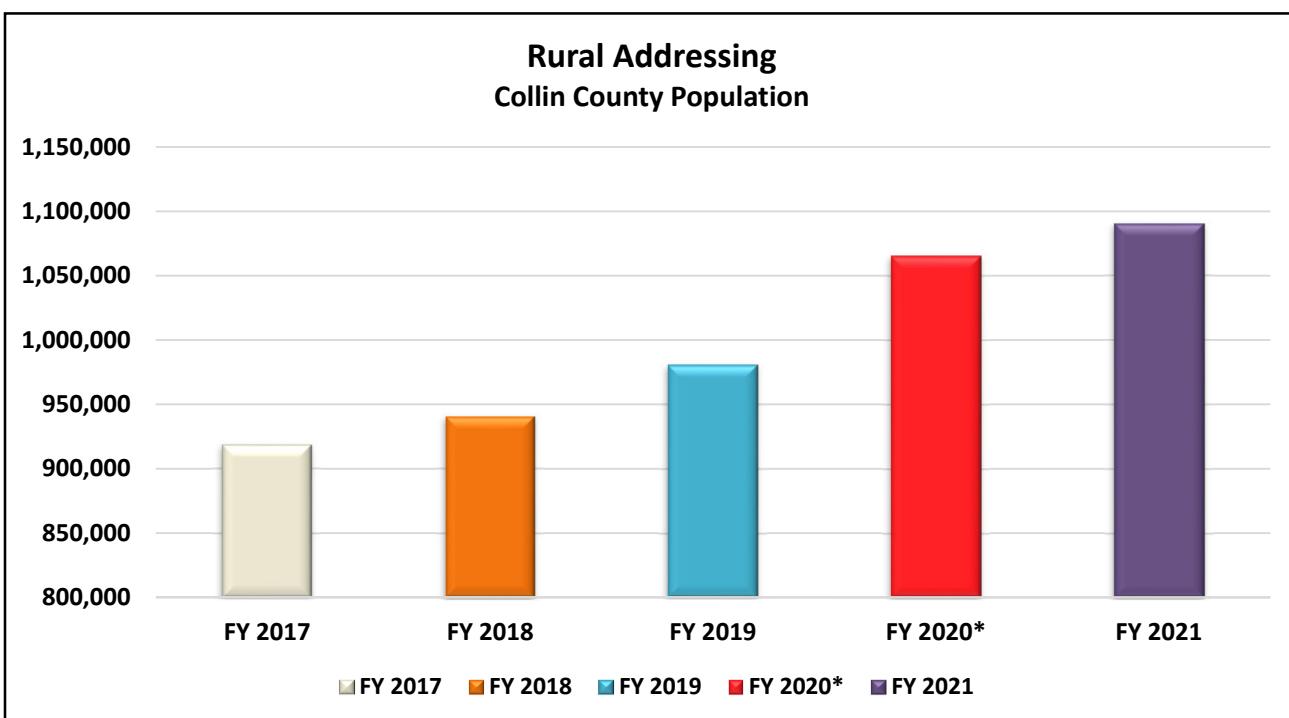
	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
# of Road Name Petitions Completed within 21 Days					
	17	4	10	17	40

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FY 2021 GIS Statistics



	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
Acreage of Land Annexed by Cities	4,044	901	2,155	1,660	7,153



	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
Collin County Population	918,234	940,262	980,661	1,065,354	1,090,259

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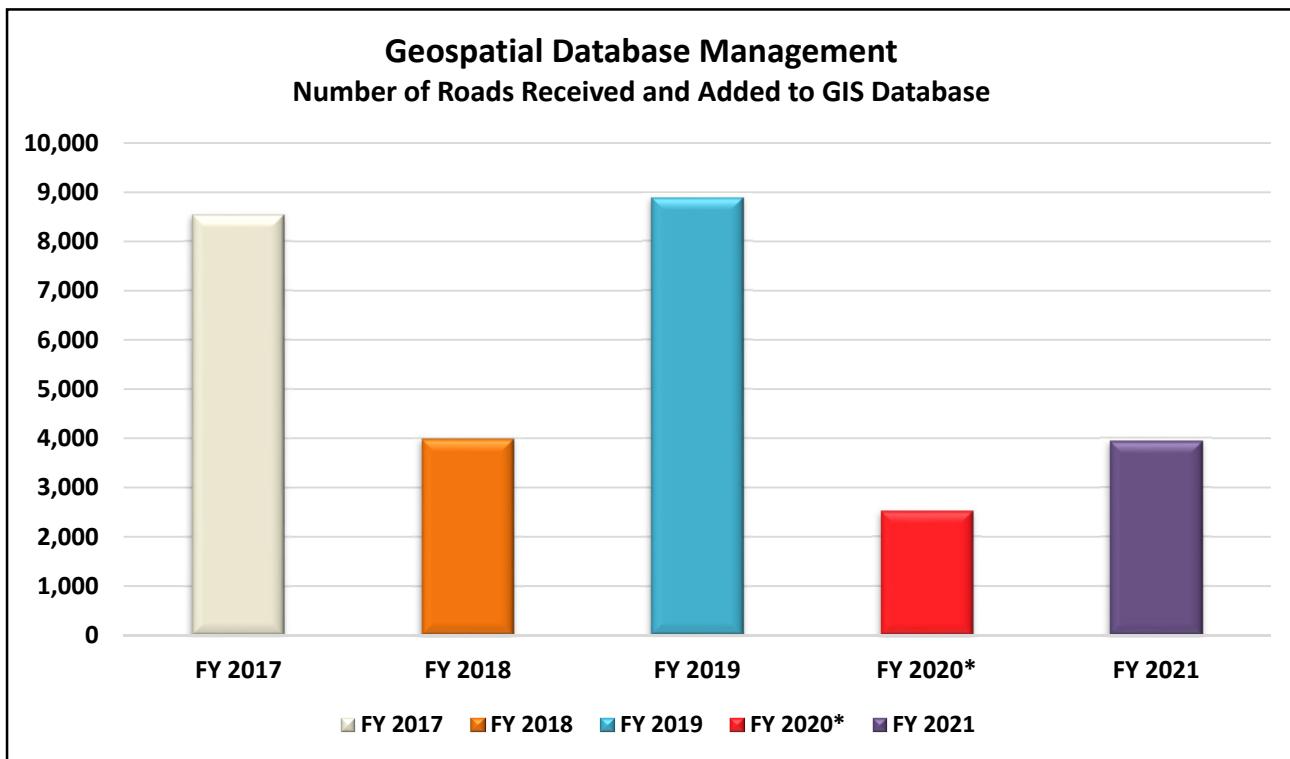
FY 2021 GIS Statistics

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

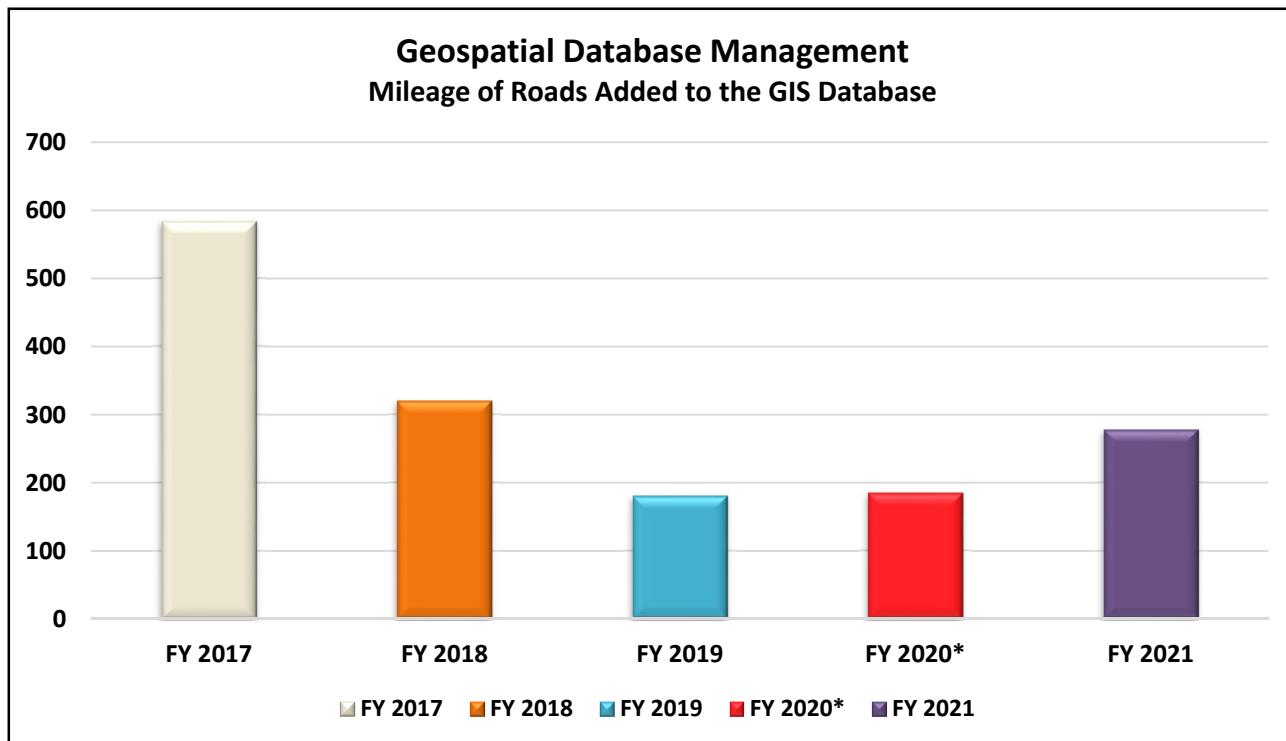
1. To track the number of additions to the GIS database monthly.
2. To track the total mileage of roads in Collin County.
3. To track the total mileage of Collin County maintained roads.
4. To track the total mileage of city boundaries in Collin County.



	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
# of Roads Received and Added to GIS Database	8,536	3,986	8,881	2,516	3,934

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FY 2021 GIS Statistics



Mileage of Roads Added to the GIS Database	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
	584	320	180	184	278

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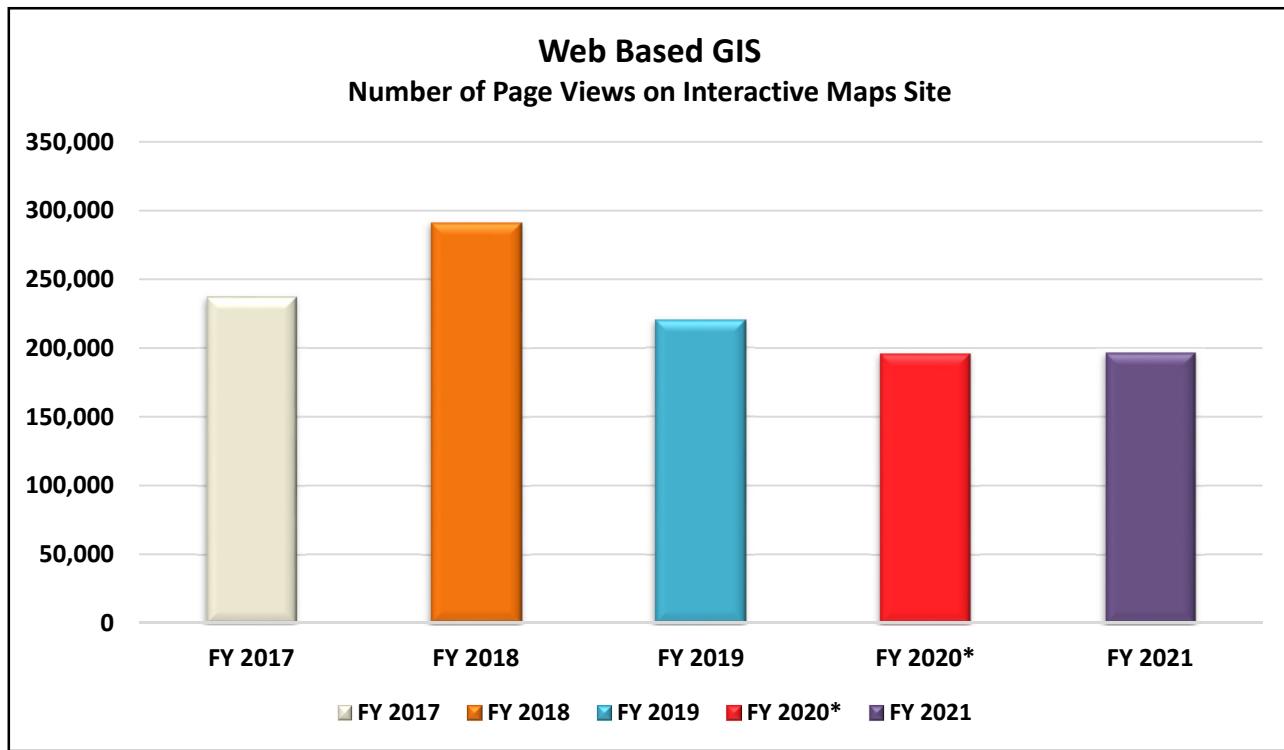
FY 2021 GIS Statistics

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.



# of Page Views on Interactive Maps Site	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
	237,014	291,349	220,267	196,092	196,646

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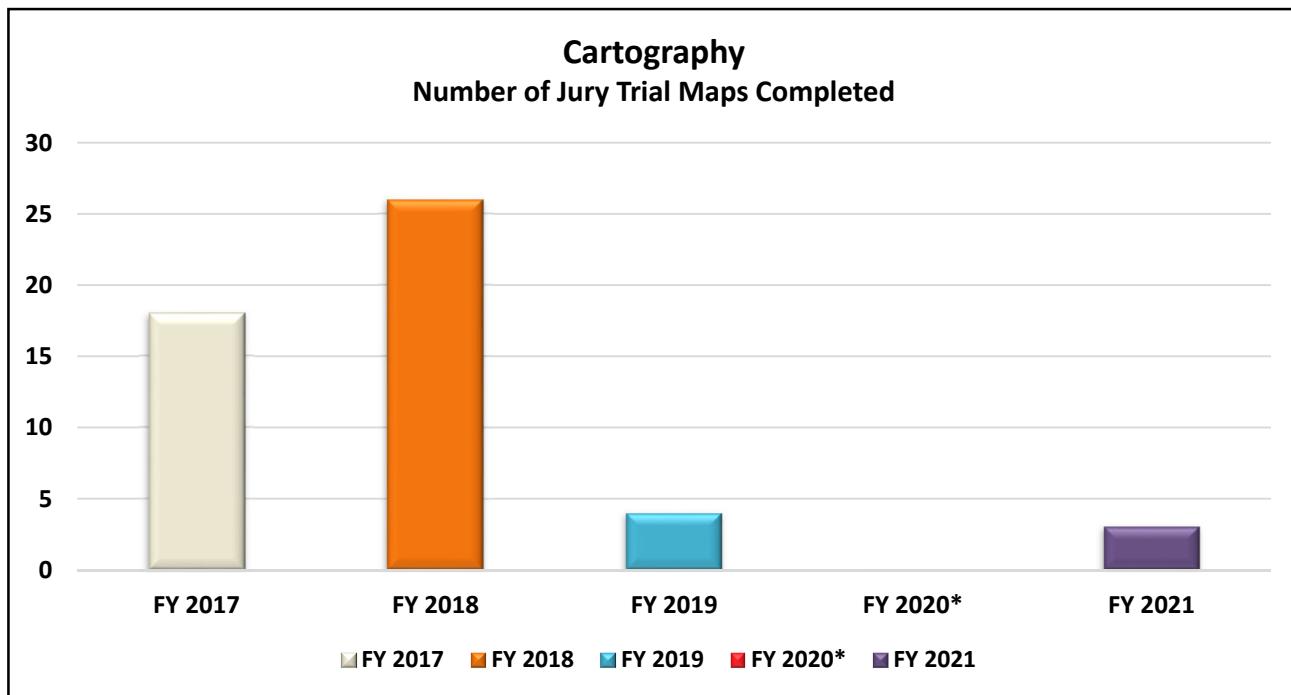
FY 2021 GIS Statistics

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

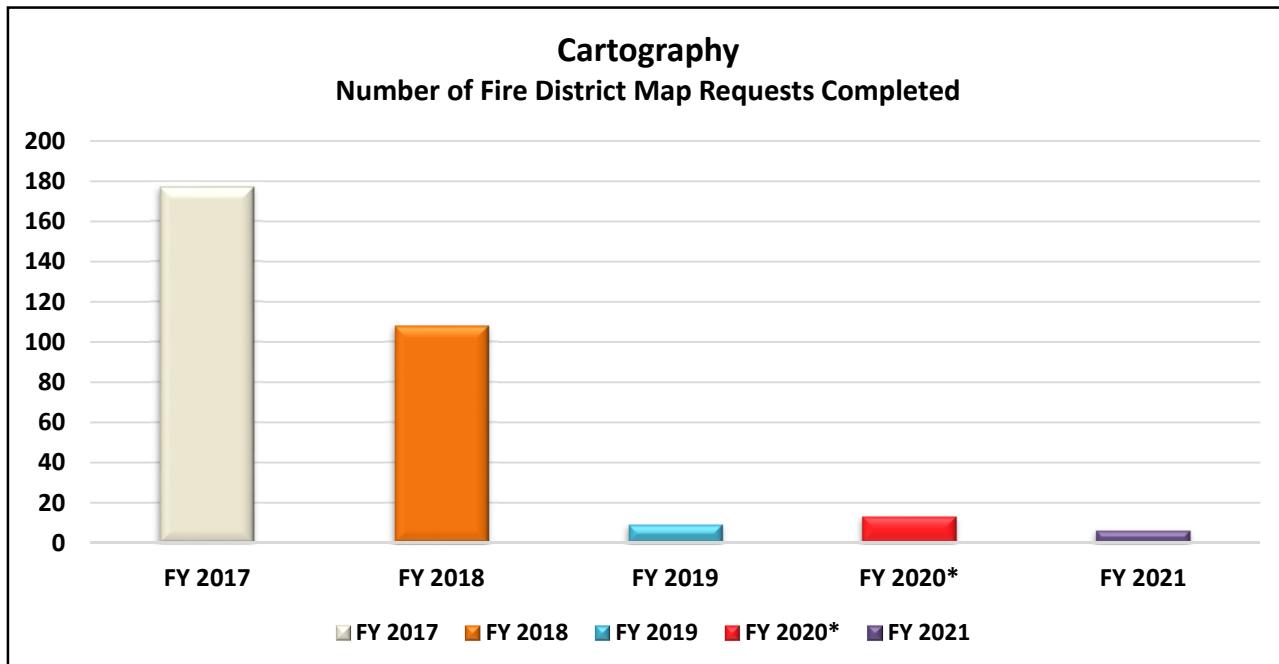
1. To complete Jury Trial maps prior to trial date 95% of the time.
2. To design / plot fire district maps within 1 month of request from VFD 90% of the time.
3. To process "standard" map requests as identified in the Incident Management system 90% of the time.
4. To process "custom" map requests identified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



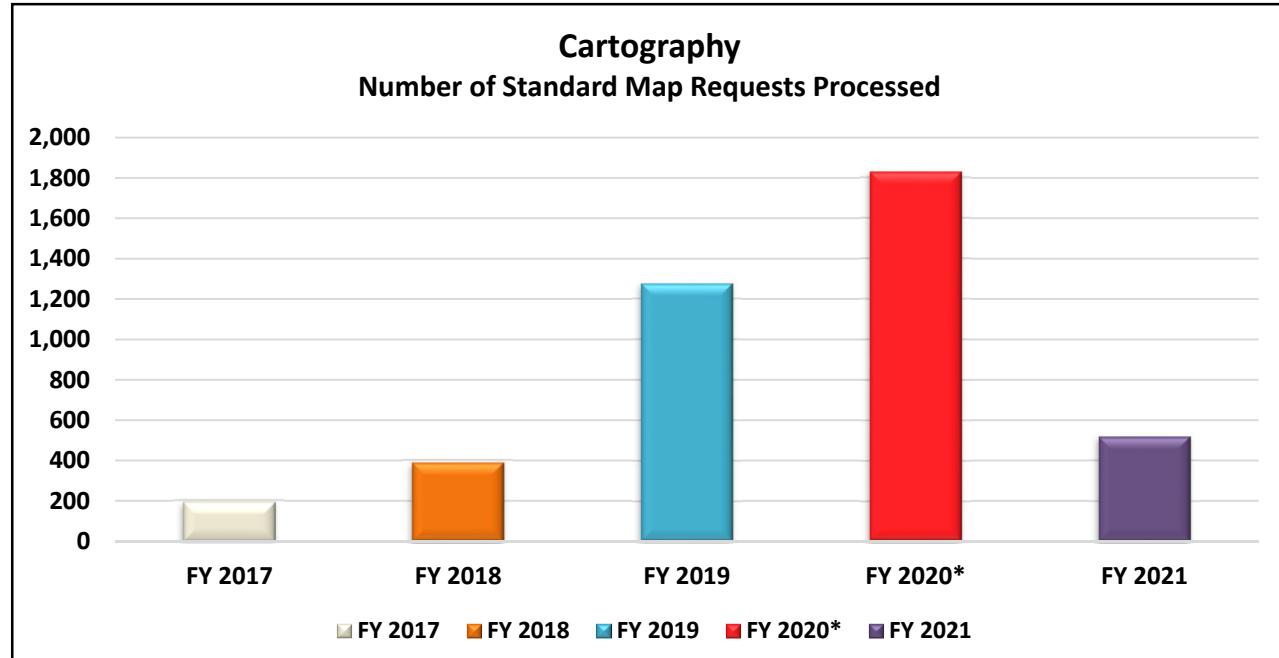
# of Jury Trial Maps Completed as Identified in the Incident Management System	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
	18	26	4	0	3

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FY 2021 GIS Statistics



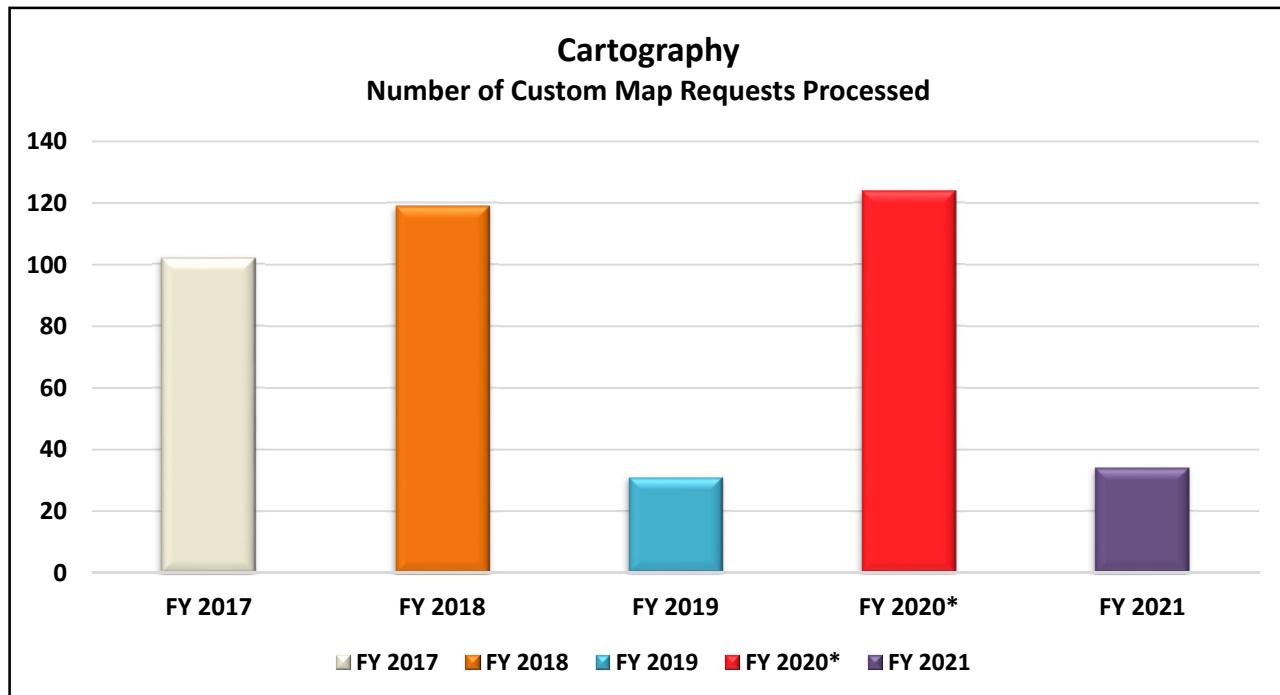
	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
# of Fire District Map Requests Completed within 1 Month	177	108	9	13	6



	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
# of Standard Map Requests Processed as Identified in the Incident Management System	190	387	1,276	1,829	517

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FY 2021 GIS Statistics



	FY 2017	FY 2018	FY 2019	FY 2020*	FY 2021
# of Custom Map Requests Processed as Identified in the Incident Management System	102	119	31	124	34

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