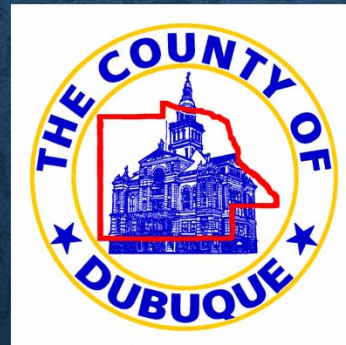


DUBUQUE COUNTY MAPPING FY24 BUDGET PRESENTATION



WHAT IS THE GIS OFFICE

- GIS is an “Essential County Purpose” as defined by Iowa Code Section 331.441 (11)
- Auditor’s responsibilities state that we are to keep a record of all transfers of real estate and provide maps to the Assessor with property boundaries
- The County Geographical Information System enables elected officials, department heads, county employees, public and private agencies, and citizens of Dubuque County to graphically view and analyze information, and apply GIS technology to County issues

STAFFING

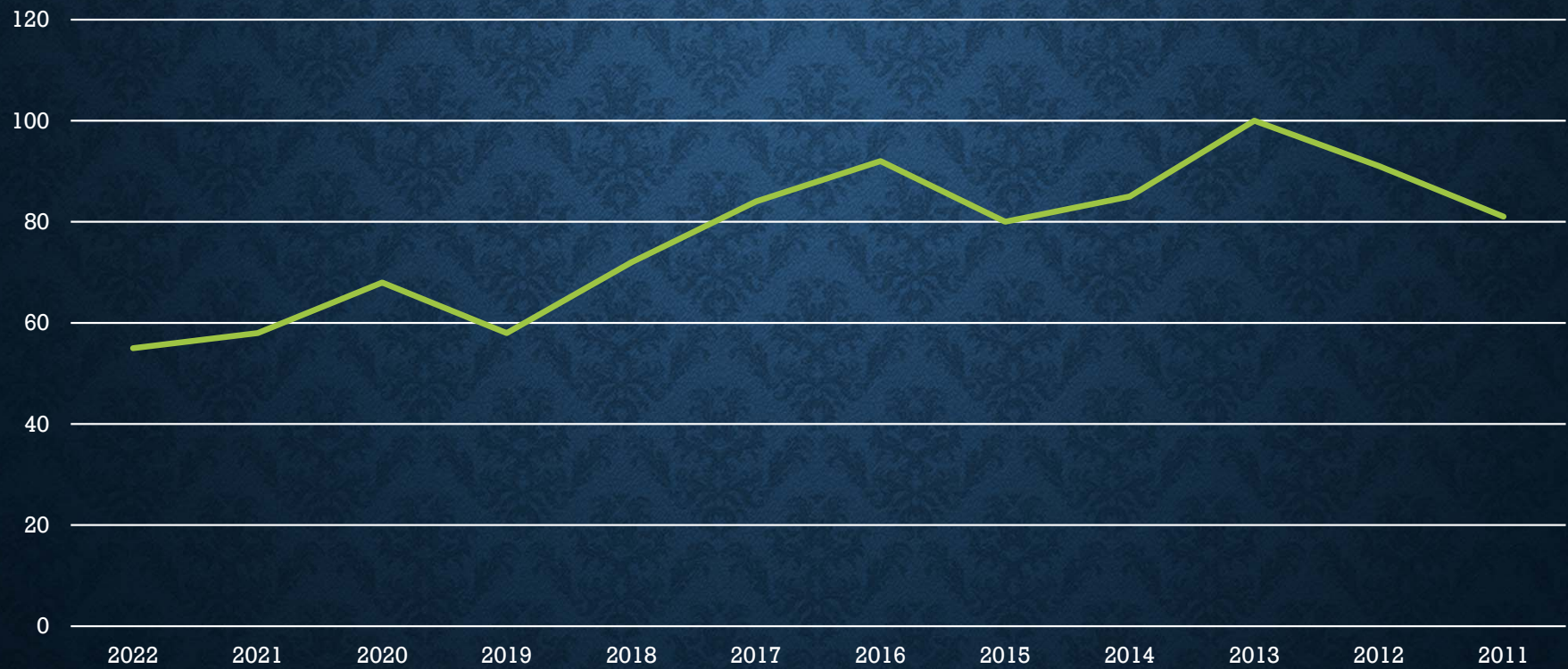
- Staffing currently consists of three full time positions
 - GIS Director
 - Overall department operations.
 - Maintain all websites
 - Coordinate with other departments on their needs
 - Server maintenance and custom applications
 - Role of E-911 Address Coordinator
 - Assigning, correcting addresses, approving road names
 - Deputy Auditor (2)
 - Parcel maintenance and numbering
 - Interacts with surveyors for subdivision names as well as surveys that do not meet our ordinance
 - Responsible for transfers, splits, and combinations in Tyler Software
- All staff is capable and expected to edit any of the 200+ editable data layers, answer questions from other departments and the public, and sign plats

LAST YEAR

- For Calendar Year 2022 GIS processed 5,000+ recorded documents, approximately a 6% increase from last year.
 - Affidavits, Annexations, Contracts, Deeds, Easements, and Plats
- Assisted Dispatch in locating 100,000+ emergency calls.
- Provided 19 maps for Drug Task Force this year, which is similar to previous years.
 - Provided a map (94) for each protected area which should keep the number fairly low.
 - Our maps help provide near 100% conviction rate which is a mandatory minimum 12 months.
 - More seem to be heading to Federal Court, luckily no subpoenas last year.

LAST YEAR

Rural Addresses Issued



LAST YEAR

- Migrating our parcels to the ESRI Parcel Fabric Data Model
 - There has been a lot of clean-up because the data model is fairly demanding.
 - The parcels and subdivisions are all migrated.
 - We are creating lot polygons as well, which we have never had before.

LAST YEAR

- Maintain mapping websites with very limited downtime
 - Main Real Estate site - WebAppBuilder
 - 213,530 hits in past 12 months for an average of 586.62 hits/day
 - Site is available 24 hours a day and we do see usage in the overnight hours
 - Works on all types of mobile devices – Apple, Blackberry, Android
 - Conservation's site
 - Tied to Points of Interest site allowing the end user to click on the park name and go directly to a map of that park
 - Sex Offender site
 - Although gets little usage, sheriff needs site available to verify an address if a registered sex offender requests to move.

LAST YEAR

- Internal Site
 - Rolled out and allows for an owner name search
- Election Sites –
 - Polling Place Finder site
 - Allows voter to enter the address, determine their polling place, get driving directions and a picture of the site.
 - Vote Center/Satellite Voting Site
 - Similar to the Polling Place finder but was used for the Primary Election when we consolidated precincts.

LAST YEAR

- Next Gen 911
 - One of the first counties to achieve the 98% synchronization between the GIS, MSAG and ALI databases.
 - We continue to meet the benchmarks for the PSAP Grant from the state.
 - MSAG (Master Street Address Guide) is all GIS based now.
 - Grant funds are awarded to the PSAP.

BUDGET CHANGES

- No increase to total operations budget