

Who Are using ArcGIS Online?

A Usage Report of Purdue University's AGO

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GIS@Purdue

- No geography department..
- GIS courses offered in several departments
 - Agricultural and Biological Engineering
 - Civil Engineering
 - Forestry and Natural Resources
 - Anthropology
 - Libraries
- IT manages software licenses
- Libraries' GIS services



Libraries' GIS Services

- Support spatial research and training across disciplines
- Teaching GIS courses
 - Credit course
 - Guest lectures
 - Workshops
- Research consultation
- Data management, curation and publication via our computing infrastructure
- Data and information dissemination via geoportal
- Community and outreach activities
 - GIS Day
 - EDC



Introduction

- ArcGIS Online has been widely used by Purdue University's students, faculty and staff.
- As of December 2018, the organization has over 1000 user accounts and 4500 items
- Goals:
 - To understand user characteristics and evaluate AGO's usage
 - To gain insights into GIS users
 - To identify gaps and potentials to better serve the GIS community



Data

- ArcGIS Online user statistics using geo jobe admin tools
- Purdue directory from registrar office
- GIS course enrollment
- Challenges:
 - Students have multiple majors, departments...
 - Some courses don't have 'GIS' in description
 - GIS users who use desktop software only are not included

College

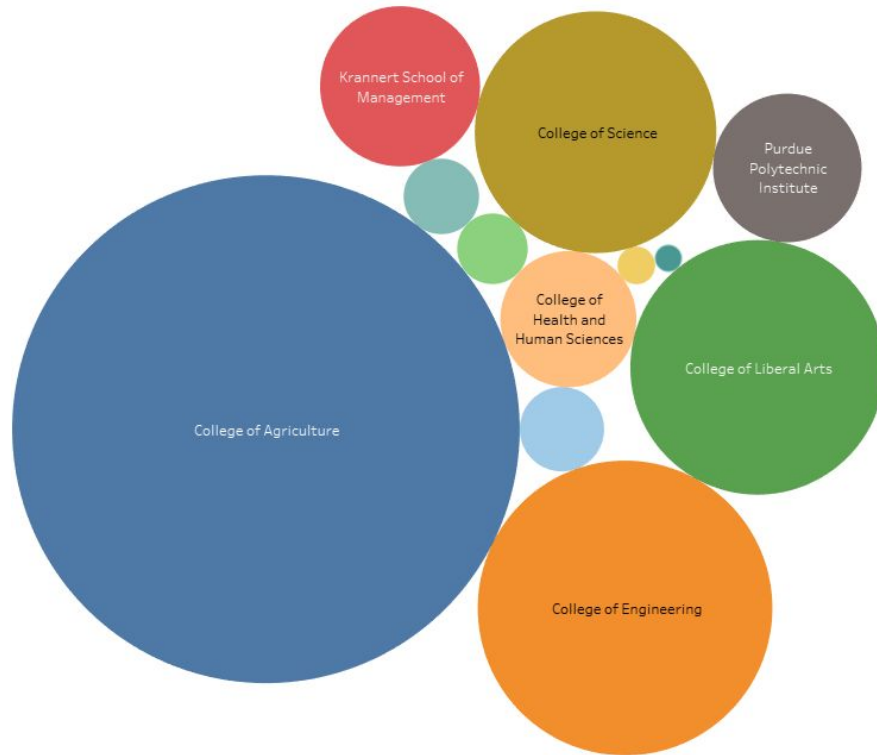


Fig 1. Number of Users by College

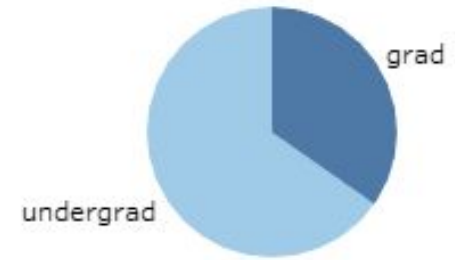


Fig 2. 65% of student users are undergrad and 35% are grad

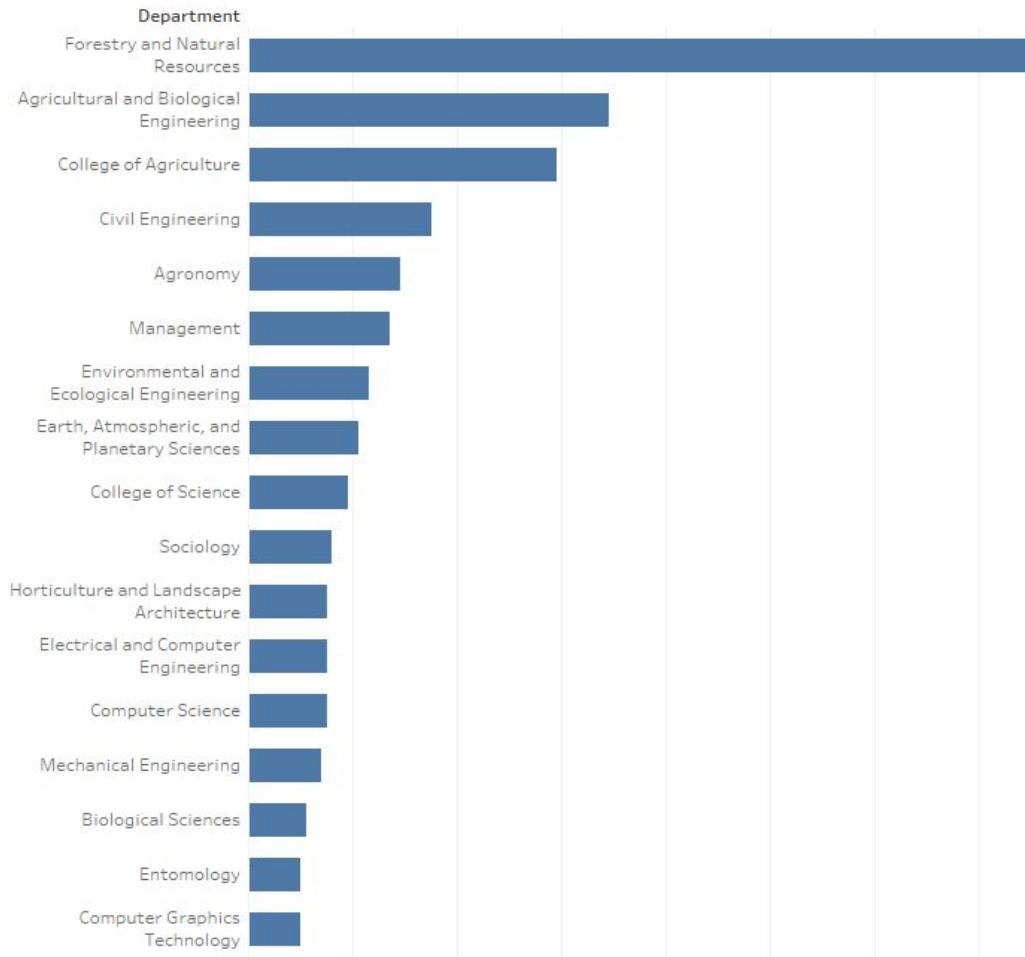


Fig 3. Number of Users by Departments

Average Storage Usage

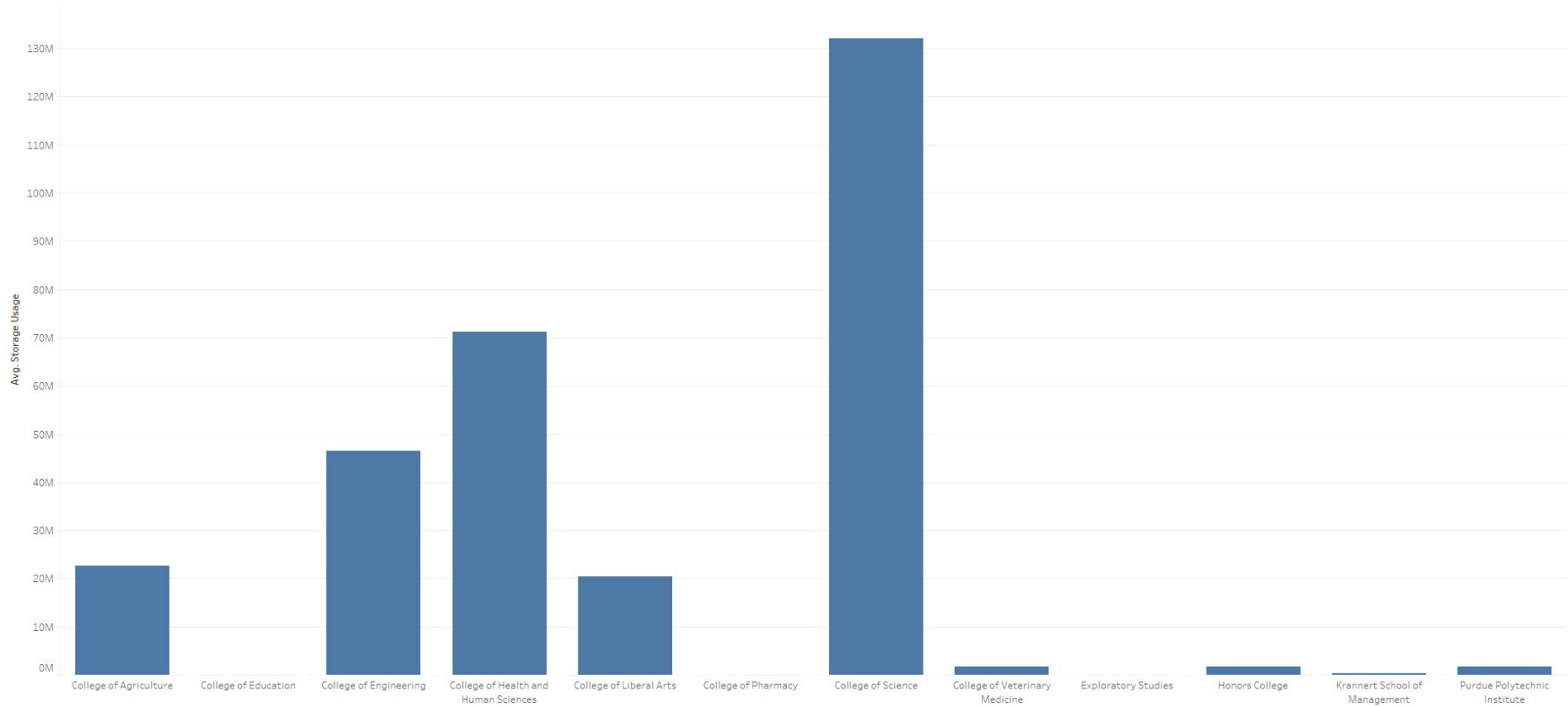
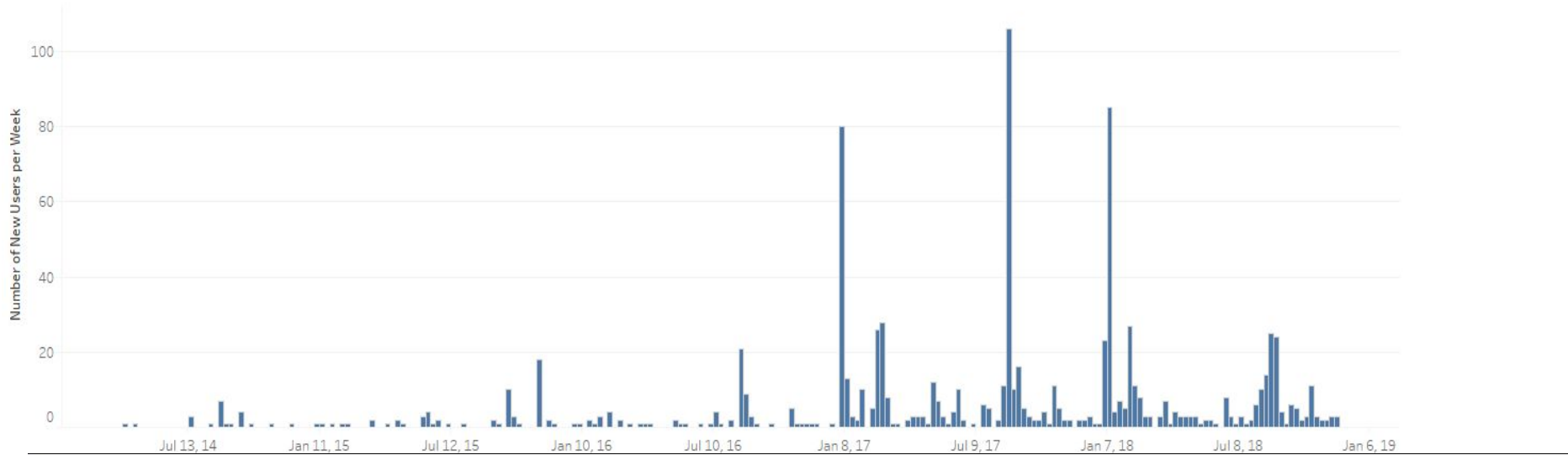


Fig 4. Average Storage by College

User Accounts Created



GIS-Related Courses

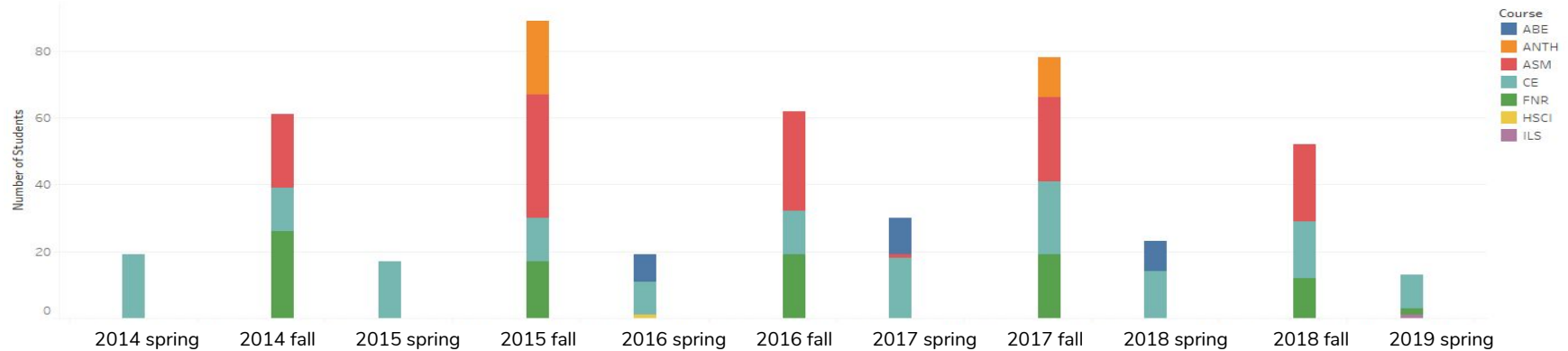


Fig 5. Number of New Users per Week (up) Number of Students in GIS-related Courses (down)

User Account Types

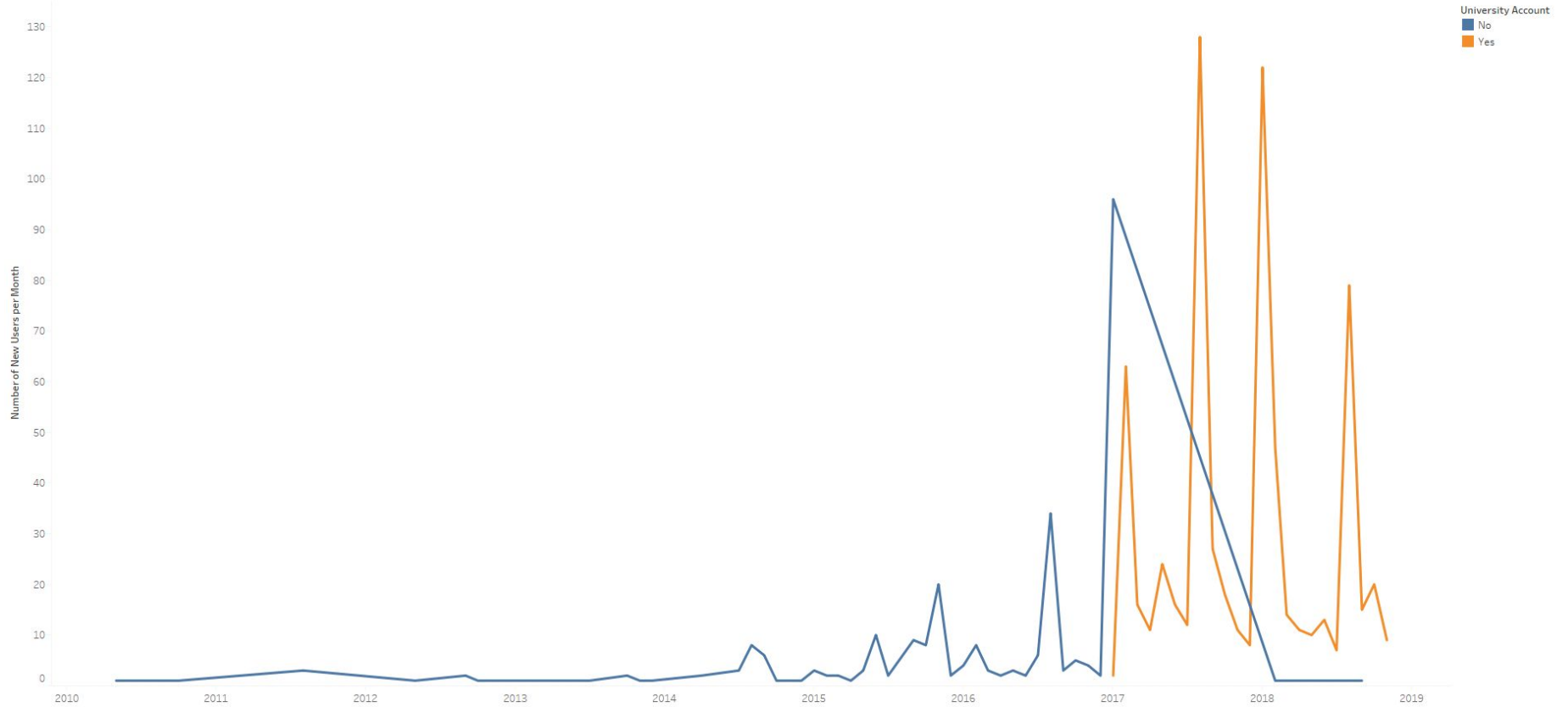


Fig 6. ArcGIS login and Enterprise/University login



Conclusion

- Gain insights into the GIS uses on campus
 - Campus wide interest in GIS including some non-traditional GIS programs
 - Students may attend GIS classes in other colleges, or attend workshops
- Explore course opportunities
- Justify a cross-college GIS program