



## Census Decision Center

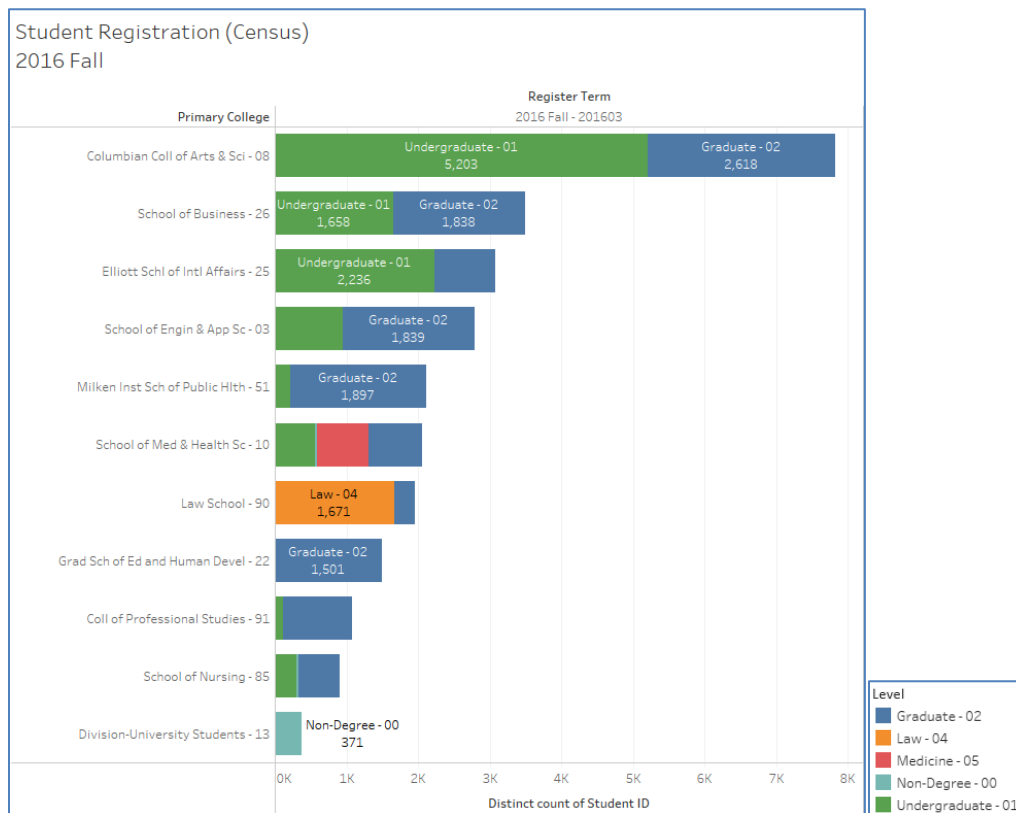
### Product Vision

- For:* GW Decision Makers
- Who:* Desire a simple way to access, use, and understand Census Information
- The:* Census Decision Center
- Is an:* Integrated source of Census data
- That:* provides easy to use information that spans multiple years and can be consumed in multiple ways (Reports, Ad hoc queries, Dashboards, etc...)
- Unlike:* Distributed Census reports
- This Product:* Will be easy to use, visual, automatically updated, secured, and certified

### New Products:

Census data is data that is captured at a certain pre-determined date in a term and is used for reporting to external agencies. It is also used internally at GW for planning and budgeting purposes. Data for this project from the last five academic years is being provided by the Office of Institutional Research. In the next phase of this project, the data will be pulled directly from source systems.

- **Census Student Registration** – Shows student registration taken at the beginning and end of a term.



### Availability:

- The BETA version is available to a select group of users in the Office of Institutional Research and Enrollment Management.





## Thoughtspot Implementation



### Product Vision

- For:** GW Faculty and Staff
- Who:** Need to quickly answer questions using data from the University Data Warehouse
- The:** Plan to bring ThoughtSpot into the BI environment
- Is an:** Implementation of a key word search based BI tool
- That:** Will allow customers to answer question in a self-service format
- Unlike:** Our other BI tools (Cognos, Tableau, Linkurious) that need reports/dashboards custom made for users
- This Product:** Does not require BIS intervention to meet the customer's needs.

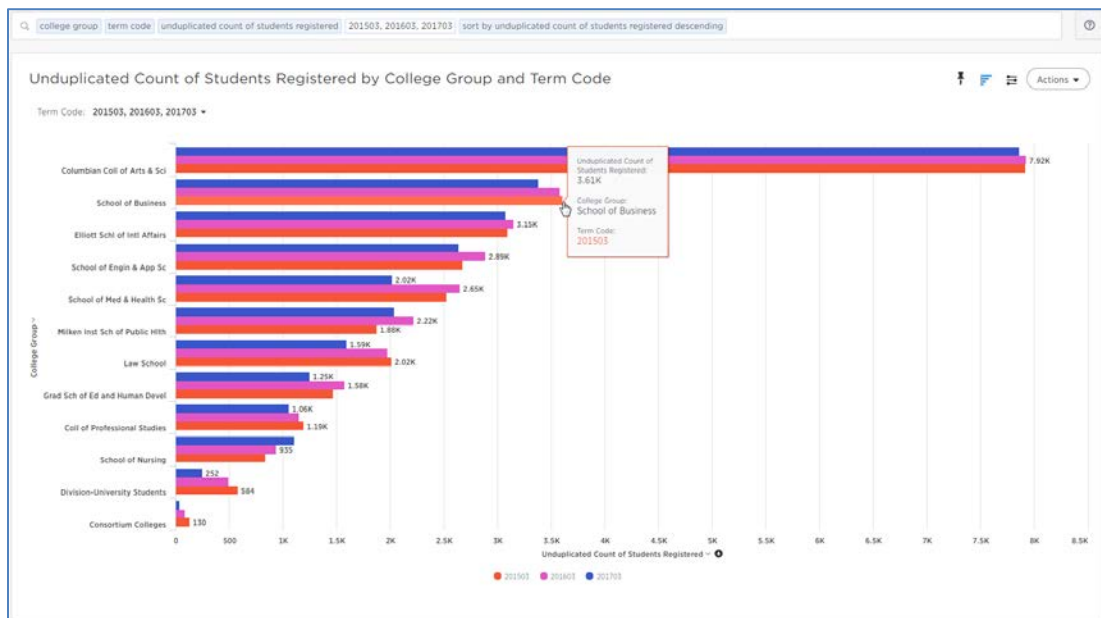
**Thoughtspot** is a new tool that has been added to the Business Intelligence (BI) environment. It will provide search-based \* BI capability to GW users, reducing time-to-insight for many ad hoc data needs.

In this Release, the Thoughtspot appliance was delivered, racked, networked and connected with the rest of the BI environment. Data has been loaded from the data warehouse for Student Course Registration.

\* think Google

### New worksheet:

- **Student Course Registration Worksheet** provides a user-friendly package of data elements, intended to provide UDW users with a way to search terms they are already familiar with and examine trends over time, course taking patterns, rosters, credits generated, and more.



Sample of a search using Thoughtspot

In the next Release, Thoughtspot will be made available to a select group of test users.

Learn more about Thoughtspot: <https://www.thoughtspot.com/>



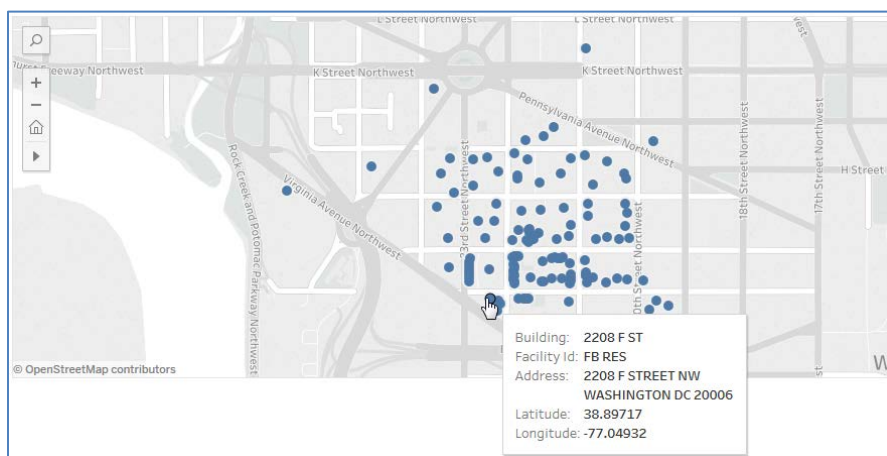




### Master Data Management

[Master data management (MDM) is a method used in enterprises with multiple siloed applications. MDM provides users with a single trusted view of critical shared entities.]

**LOCATION** – Location is BIS' first foray into Master Data Management. Using data maintained by the Division of Operations, information about all GW buildings has been brought into the data warehouse, including the building name, address, longitude, latitude, floors and rooms. In the future, data about locations from other applications (such as Banner and Housing) will be integrated with this data.



### Pre-Award Decision Center

#### Product Vision

- For:* Principal Investigators, Office of VP for Research (OVPR) and Schools
- Who:* Desire a simple way to access, use, and understand Proposal/Pre-Award data
- The:* Pre-Award Decision Center
- Is an:* Integrated source of Proposal/Pre-Award data
- That:* Provides easy to use information that spans multiple years and can be consumed in multiple ways (Reports, Ad Hoc queries Dashboards, etc...)
- Unlike:* Manual requests for updates
- This Product:* Will be dimensional at the detail level, automatically updated, secured, and certified

The **Pre-Award Decision Center** is an extension of the Principal Investigator's Dashboard where users will be able to view the status of award proposals submitted to different funding agencies. Users will also be able to stay informed about an award's setup status.

#### Additional Features:

- **Award Tracking Portal (ATP) Proposal** – Shows award proposals that have been submitted to [Cayuse](#) that are waiting to be funded or have already been funded.

Proposal ID	Proposal Number	Proposal Type	Award ID	Award Create Date	Funding Year Sequence No	Proposal Direct Amount	Proposal Indirect Amount
8006	16-1023802945	SUBCONTRACT	2502	06/01/2017	1	10,435	6,209
					2	26,980	16,053
					3	33,839	20,134
					4	278,548	165,736
					5	42,401	25,228
					6	47,534	28,283
<b>8006</b>						<b>439,737</b>	<b>261,643</b>

#### Availability:

- The BETA version is available to a select group within the Office of the Vice President for Research.





## Human Resources Decision Center

### Product Vision

*For:* GW HR Decision Makers  
*Who:* Desire a simple way to access, use, and understand Human Resources Information  
*The:* HR Decision Center  
*Is an:* Integrated source of Human Resources data  
*That:* Provides easy to use information that spans multiple years and can be consumed in multiple ways (Reports, Cubes, Dashboards, etc...)  
*Unlike:* SQL reports and manual spreadsheets  
*This Product:* Will be easy to use, visual, automatically updated, secured, and certified

### Modified Features:

- To accommodate the changes in Banner brought about by the re-alignment with the EAS Chart of Accounts, the Activity and Banner Index dimensions were added to the HR Payroll Labor Distribution model in the data warehouse. This allows Finance Directors to match labor distributions in Banner and its corresponding financial transaction in EAS with ease.
- The Chart of Accounts re-alignment also affected reports run by the Grants and Contracts Accounting Office for Labor Effort. Several reports were modified in this Release.

## Advancement Decision Center

### Product Vision

*For:* GW Development and Alumni Relations Decision Makers  
*Who:* Desire a simple way to access, use, and understand Advancement Information  
*The:* Advancement Decision Center  
*Is an:* Integrated source of Advancement data  
*That:* Provides easy to use information that spans multiple years and can be consumed in multiple ways (Reports, Cubes, Dashboards, etc...)  
*Unlike:* Cognos reporting from Ellucian Advance  
*This Product:* Will be integrated with other GW ERP data, easy to use, visual, automatically updated, secured, and certified

### Modified Features:

- With the conclusion of the "Making History" fundraising campaign, the data source for the GWU Campaign Dashboard was frozen to include only transactions till the end of fiscal year 2017 (6/30/2017).

## GW Crime Trends and Locations

### Product Vision

*For:* The Office of Safety and Security (OSS) and the GW Police Department (GWPD)  
*Who:* Desire a simple way to access, use, and understand service and crime trends on campus  
*The:* GW Crime Trends and Locations  
*Is an:* Integrated source of campus crime data  
*That:* Provides easy to use information that spans multiple years and can be consumed in multiple ways  
*Unlike:* List based detail reports  
*This Product:* Will be easy to use, visual, automatically updated, secured, and certified

### Modified Features:

- The GW Crime Trends and Locations Dashboard was improved to make it easier to use and present to the Board of Trustees. The Office of Safety and Security and the GWPD are the primary users of this dashboard.





## Student Lifecycle Decision Center

### Modified Features:

- The Course Start Date and End Date were added to the data warehouse to allow Finance to pull the information easily and account for undergraduate tuition distribution by fiscal year.

## GW Housing

- The BIS team worked with GW Housing to create and publish a Residence Hall Move-In Information visualization on Tableau Public to help inform students where to go on move-in day.

**THE GEORGE WASHINGTON UNIVERSITY**  
WASHINGTON, DC

Residence Hall Move-In Information  
Fall 2017

**GW** Housing

This tool will help you to get your customized move in instructions.  
Directions: Click to select the Class that describes your housing. Next, choose your assigned building. Lastly, choose your move-in date.

Select Class

First Year : 11 buildings

Upper Class : 18 buildings

Greek : 9 buildings

Graduate : 1 building

Select Building

Clark Hall

Cole Hall

Hensley Hall

Lafayette Hall

Madison Hall

Merriweather Hall

Mitchell Hall

Select Move-in Date (August 2017)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
20	21	22	23	24	25	26
27						

Your check-in instructions:  
(Instructions will appear after you've made your selections above.)

First Year - Madison Hall  
Date: August 20, 2017  
Pick up your room key at Amsterdam Hall  
[Click to view more info for your move-in](#)

© OpenStreetMap contributors

### Availability:

- View the full [Residence Hall Move-In Information](#) viz.









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## Principal Investigators (PI) Dashboard

### Product Vision

*For:* Principal Investigators  
*Who:* Would like to manage their awards  
*The:* PI Dashboard  
*Is an:* Interactive visualization tool  
*That:* Provides key information and metrics  
*Unlike:* Compiling data from different sources and merging them together in spreadsheets  
*This Product:* Can be accessed online or on mobile devices, is secure, and pulls data from the data warehouse

### Modified Features:

- Changes were made the Award Management Actual Expenditure model in the data warehouse. The account number of the Sponsor was added to the lookup in order to correctly identify the Sponsor for an Award.

## Business Intelligence Services (BIS) Strategic Initiatives

### Tableau Upgrade:

- To avail of the latest features, Tableau Server has been upgraded from version 10.2 to 10.3.2. This is expected to resolve the following issues:
  - o Tableau Issue ID #649063: In some cases, extracting a published data source would unhide hidden fields in the data pane.
  - o Tableau Issue ID #670693: Extracts on Tableau Server with hidden columns could sometimes be unhidden during an extract refresh.
- Desktop users with current licenses are advised to [upgrade to version 10.3.2](#) especially if the workbook will be published on the server.
- To find out what's new in Tableau 10.3.2, please visit Tableau's [website](#).

