

2018 BRINGING ADMINISTRATORS TOGETHER CONFERENCE

# How to Get Started with Tableau & Sample Dashboards

April 5, 2018

1:45 PM – 2:45 PM

**UIC** UNIVERSITY OF ILLINOIS  
AT CHICAGO

UIC

Lincoln Hall

707 South Morgan Street

**Conference Sponsors:** The Office of the Chancellor, Budget & Financial Administration / Human Resources, the Office of the Provost and Vice Chancellor for Academic Affairs, the Office of the Vice Chancellor for Research, and the Office of Business and Financial Services

# Workshop Presenter(s)

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Administrative Information Technology  
Services  
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# Please ...

- Turn off cell phones.
- Avoid side conversations.
- Raise your hand with questions at any time throughout the presentation. There will also be extra time for questions at the end.
- Sign the attendance roster.
- Complete the evaluation at the end of the workshop.

# Workshop Objectives

- Understand how to get Tableau and where you can find training resources
- Learn how Tableau can benefit your college or unit
- Demonstrate how to create basic visualizations and dashboards and publish them to Tableau server
- Generate visualization ideas based on sample dashboards

# Topics

- Cost
- Training
- Preparing & Importing Data
- Creating Simple Visualizations
- Creating Dashboards
- Publishing Dashboards
- Example Projects

# Cost

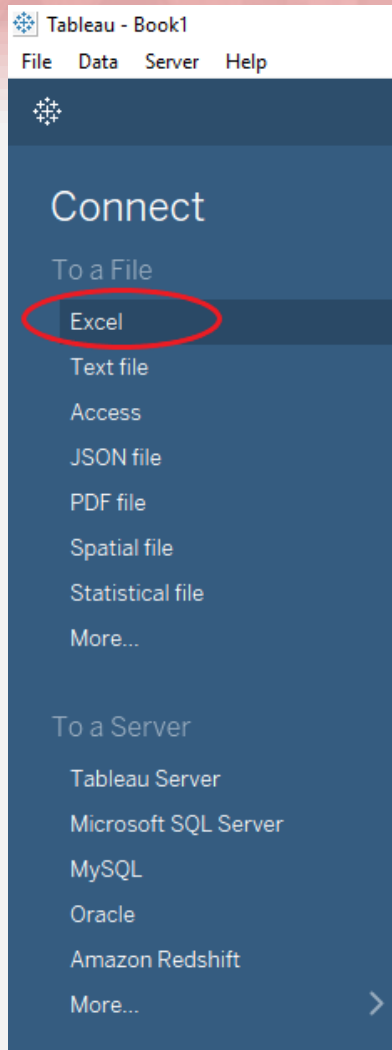
- Regular license
  - \$1200 per license for Tableau Desktop Professional
  - \$300 per year for maintenance (to upgrade version, etc.)
- Subscription
  - \$70 user/month (Billed Annually)
- Free 14-day trial available at:  
<https://www.tableau.com/products/desktop>

# Training

- Free training videos are available at:  
<https://www.tableau.com/learn/training>
- Set up your free UIC Lynda account  
(<http://go.uic.edu/Lynda>) to access Tableau training  
and tutorials (<https://www.lynda.com/Tableau-training-tutorials/2048-0.html>)
- The Illinois Higher Education Tableau User Group (led  
by AITS) has quarterly meetings available via webinar  
and an online forum:  
<https://community.tableau.com/groups/illinois-education-tableau-user-group>



# Preparing & Importing Data



- Tableau can connect to many different file and server types that contain data (including directly to the EDW).
- However, Excel data is the most common and easiest to work with so that is what we will focus on here.



# Preparing & Importing Data

- The easiest data to work with in Tableau is unformatted, row-oriented data without extra headers, spacing, or text.



Institution	Year	Amount	Tuition Type
Chicago State	2017	\$ 23,616	In-State
Chicago State	2017	\$ 35,400	Out-of-State
Chicago State	2018	\$ 23,616	In-State
Chicago State	2018	\$ 35,400	Out-of-State
UIC	2017	\$ 24,920	In-State
UIC	2017	\$ 40,360	Out-of-State
UIC	2018	\$ 24,920	In-State
UIC	2018	\$ 40,360	Out-of-State



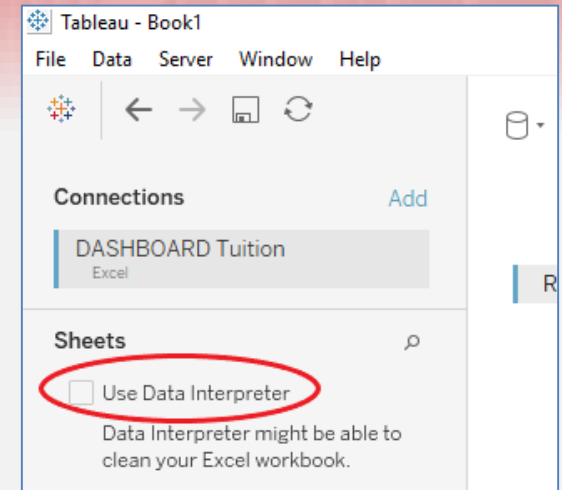
Tuition Comparison, 2017-18

Institution	2017		2018	
	In-State	Out-of-State	In-State	Out-of-State
Chicago State	\$ 23,616	\$ 35,400	\$ 23,616	\$ 35,400
UIC	\$ 24,920	\$ 40,360	\$ 24,920	\$ 40,360

Source:  
[https://public.tableau.com/profile/aacpdata#!/vizhome/Pharm\\_D\\_TuitionTrends/TuitionData](https://public.tableau.com/profile/aacpdata#!/vizhome/Pharm_D_TuitionTrends/TuitionData)

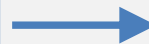
# Preparing & Importing Data

- We have found it easiest to prepare our data in Excel so that it is formatted correctly for Tableau.
- However, Tableau has a “Data Interpreter” that can attempt to clean up your data if it contains extra headers, spacing, or text, or multiple tables in one sheet.
- You can also pivot your data within Tableau so that column-oriented data is manipulated into row-oriented data.



The screenshot shows a Tableau data table with columns for 'Tuition Type' and 'Group'. A context menu is open over the 'Pivot' option. The table data is as follows:

Abc Tuition Data Tuition Type	Abc Tuition Data Group	# Tuition Data 2013	# Tuition Data 2014	# Tuition Data 2015	#	#
In-State	UIC	22,610.00	23,628.00	24,454		
In-State + Fees	UIC	25,514.00	27,442.00	28,458		
Out-of-State	UIC	39,748.00	37,362.00	39,604		
Out-of-State + Fees	UIC	42,652.00	41,176.00	43,608		
In-State	Regional Peers	30,992.50	31,428.00	32,691.63	34,164.63	35,348.25
In-State + Fees	Regional Peers	32,288.00	32,663.13	33,804.38	35,386.00	36,257.00
Out-of-State	Regional Peers	32,806.75	33,713.13	34,732.38	36,244.88	37,407.50
Out-of-State + Fees	Regional Peers	34,102.25	34,948.25	35,845.13	37,466.25	38,316.25
In-State	IL Schools	30,678.40	30,666.80	31,805.40	33,306.20	34,403.60
In-State + Fees	IL Schools	32,280.80	32,313.60	33,108.60	34,882.20	35,424.40



The screenshot shows the same data table after pivoting. The columns are now 'Pivot Field Names', 'Pivot Field Values', 'Tuition Type', and 'Group'. The data is as follows:

Abc Pivot Pivot Field Names	# Pivot Pivot Field Values	Abc Tuition Data Tuition Type	Abc Tuition Data Group
2013	22,610.00	In-State	UIC
2013	25,514.00	In-State + Fees	UIC
2013	39,748.00	Out-of-State	UIC
2013	42,652.00	Out-of-State + Fees	UIC
2013	30,992.50	In-State	Regional Peers
2013	32,288.00	In-State + Fees	Regional Peers
2013	32,806.75	Out-of-State	Regional Peers
2013	34,102.25	Out-of-State + Fees	Regional Peers
2013	30,678.40	In-State	IL Schools
2013	32,280.80	In-State + Fees	IL Schools

# Preparing & Importing Data

- At this step, you can also change data types (for example, from a string or text value to a number), join multiple data sources together, or filter your data sources.
- [https://onlinehelp.tableau.com/current/pro/desktop/en-us/joining\\_tables.html](https://onlinehelp.tableau.com/current/pro/desktop/en-us/joining_tables.html)
- [https://onlinehelp.tableau.com/current/pro/desktop/en-us/filtering\\_datasource.html](https://onlinehelp.tableau.com/current/pro/desktop/en-us/filtering_datasource.html)

Year	Tuition Type	Tuition Data Group
2013	In-State	UIC
2013	In-State + Fees	UIC
2013	Out-of-State	UIC
2013	Out-of-State + Fees	UIC
2013	In-State	Regional Peers
2013	In-State + Fees	Regional Peers
2013	Out-of-State	Regional Peers
2013	Out-of-State + Fees	Regional Peers
2013	In-State	IL Schools
2013	In-State + Fees	IL Schools
2013	Out-of-State	IL Schools
2013	Out-of-State + Fees	IL Schools

# Creating Simple Visualizations

- Now that your data has been imported, creating your first visualization is as simple as drag-and-drop.
- Columns from your data are divided by Tableau into dimensions (year, category, school, etc.) and measures (price, sales, tuition amount, number of students, etc.)
- You can also create calculated fields based on your existing columns.

# Creating Simple Visualizations

Tableau - Book1

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Standard

Data Analytics

Pages

Columns Group

Rows Year

Raw Data by Group (DAS...)

Dimensions

- Group
- Tuition Type
- Year
- Measure Names

Filters

Marks

Automatic

Color Size Text

Detail Tooltip

Measures

- Amount
- Number of Records
- Measure Values

Sheet 1

Year	Group				
	All Peers	Big 10 Schools	IL Schools	Regional Peers	UIC
2013	Abc	Abc	Abc	Abc	Abc
2014	Abc	Abc	Abc	Abc	Abc
2015	Abc	Abc	Abc	Abc	Abc
2016	Abc	Abc	Abc	Abc	Abc
2017	Abc	Abc	Abc	Abc	Abc

# Creating Simple Visualizations

The screenshot displays the Tableau Desktop interface. On the left, the 'Dimensions' pane lists 'Group', 'Tuition Type', 'Year', and 'Measure Names'. 'Tuition Type' is highlighted with a red arrow pointing to the 'Filters' shelf. The 'Columns' shelf contains 'Group' and the 'Rows' shelf contains 'Year'. The main view shows a table with columns 'Year' and 'Group', and rows for the years 2013 through 2017. A 'Filter [Tuition Type]' dialog box is open, showing the 'General' tab. The dialog has three radio buttons: 'Select from list' (selected), 'Custom value list', and 'Use all'. Below these is a search box and a list of four options: 'In-State' (checked), 'In-State + Fees', 'Out-of-State', and 'Out-of-State + Fees'. At the bottom of the dialog, there are buttons for 'All', 'None', and 'Exclude', and a 'Summary' section showing 'Field: [Tuition Type]', 'Selection: Selected 1 of 4 values', 'Wildcard: All', 'Condition: None', and 'Limit: None'. The 'OK' button is highlighted.

# Creating Simple Visualizations

**Data** Analytics

Raw Data by Group (DAS...)

**Dimensions**

- Group
- Tuition Type
- Year
- Measure Names

**Filters**

Tuition Type: In-State

**Marks**

Automatic

Color Size Text

Detail Tooltip

**Columns** Group

**Rows** Year

Sheet 1

Year	Group				
	All Peers	Big 10 Schools	IL Schools	Regional Peers	UIC
2013	Abc	Abc	Abc	Abc	Abc
2014	Abc	Abc	Abc	Abc	Abc
2015	Abc	Abc	Abc	Abc	Abc
2016	Abc	Abc	Abc	Abc	Abc
2017	Abc	Abc	Abc	Abc	Abc

**Measures**

- Amount
- Number of Records
- Measure Values

**Dimensions**

- Group
- Tuition Type
- Year
- Measure Names

**Filters**

Tuition Type: In-State

**Marks**

Automatic

Color Size Text

Detail Tooltip

SUM(Amount)

Sheet 1

Year	Group				
	All Peers	Big 10 Schools	IL Schools	Regional Peers	UIC
2013	23,021	17,609	30,678	30,993	22,610
2014	24,556	17,975	30,667	31,428	23,628
2015	24,332	18,440	31,805	32,692	24,454
2016	25,566	19,008	33,306	34,165	24,920
2017	25,730	19,559	34,404	35,348	24,920

**Measures**

- Amount
- Number of Records
- Measure Values

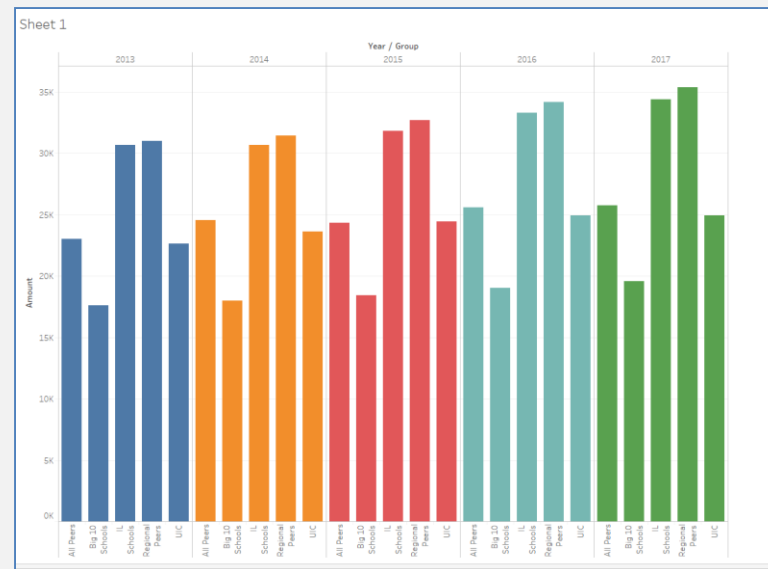


# Creating Simple Visualizations

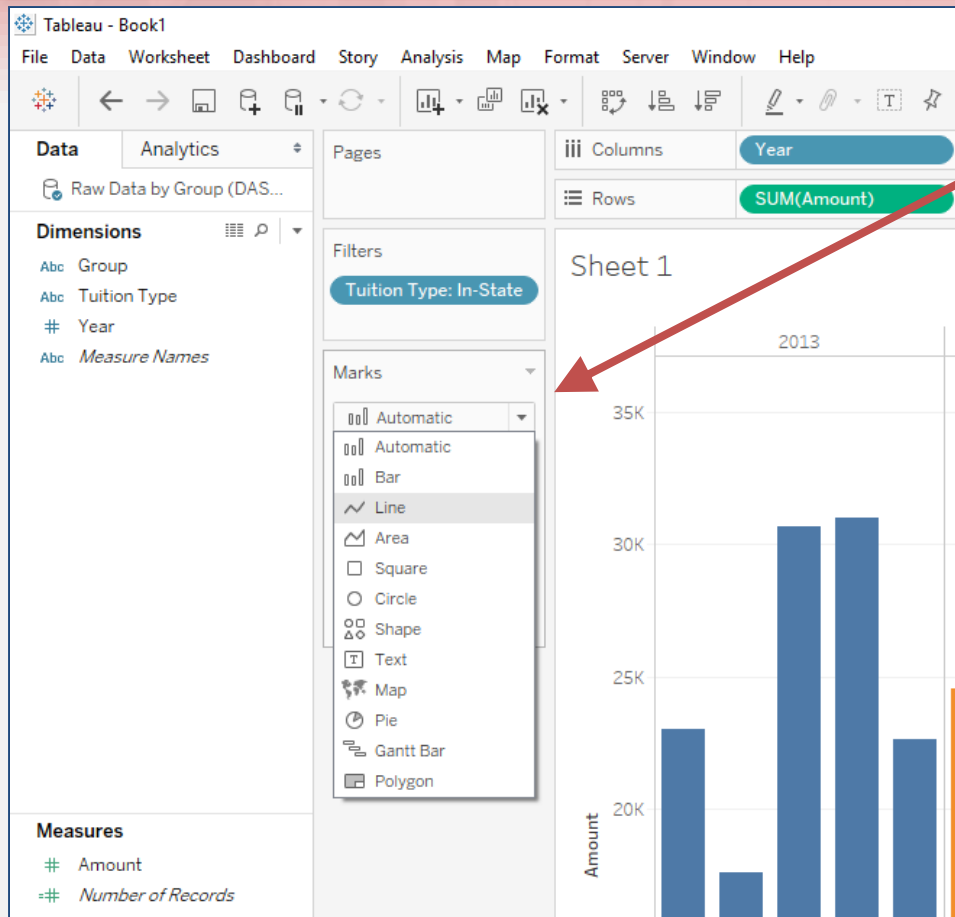
- Tableau will automatically suggest chart types based on the data types you have dragged into the view. Click one to change your data table into the selected graph type.

Show Me

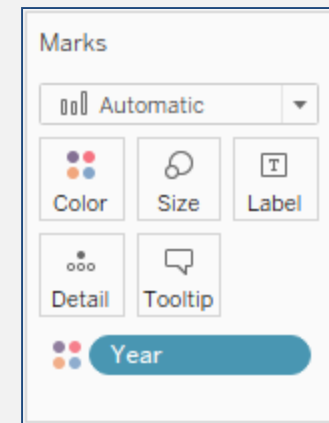
For horizontal bars try  
0 or more **Dimensions**  
1 or more **Measures**



# Creating Simple Visualizations



- You can also change the chart type via the marks card, as well as change colors, size, shape, add text labels, or add tooltips.



# Creating Dashboards

- Dashboards can contain multiple visualizations, plus text and images.
- Again, you can simply drag & drop each item onto the dashboard.

# Creating Dashboards

**Dashboard** | Layout

Device Preview

Size  
Desktop Browser (1000 x 8...)

**Sheets**

- Tuition Costs by Res...
- By School

**Objects**

- Horizontal
- Vertical
- Text
- Image
- Web Page
- Blank

Tiled | Floating

Select Your State of Residency: **IL** | Select Type:  Tuition  Tuition + Fees

### Average Tuition Costs for IL Residents, 2017-18

Category	Average Tuition Cost
UIC	\$24,920
IL Private	\$43,012
IL Public	\$23,532
Non-IL Private	\$40,876
Non-IL Public	\$37,263

### Tuition Costs & U.S. News & World Report Ranking by School

School	Tuition	Ranking
Southern Illinois	\$23,448	70
Chicago State	\$23,616	unranked
UIC	\$24,920	6
Rosalind Franklin	\$35,763	unranked
Midwestern/Downers Grove	\$43,369	66
Roosevelt	\$49,904	unranked

pharmacy.uic.edu  
 go.uic.edu/PharmFBChicago  
 go.uic.edu/PharmFBRockford  
 go.uic.edu/PharmTwitter  
 go.uic.edu/PharmInstagram  
 go.uic.edu/PharmYouTube

\*Tuition Scholarship is granted to all Rockford out-of-state applicants who are offered admission throughout the application cycle

# Publishing Dashboards

The screenshot shows the Tableau interface with the 'Server' menu open. The 'Publish Workbook...' option is highlighted. A dialog box titled 'Share via Tableau Server or Tableau Online' is displayed in the foreground. The dialog box contains a 'Server:' field with the URL 'https://tableau.admin.uillinois.edu' and 'Connect' and 'Cancel' buttons. Below the buttons, there is a 'Quick Connect' section with a link to 'Tableau Online'. At the bottom, there is a message: 'Don't have a Tableau Server or Tableau Online account? Quickly create a Tableau Online site to share your work.' with a 'Create Site >>' button.

Tableau - Tuition example

File Data Worksheet Dashboard Story Analysis Map Format **Server** Window Help

Dashboard Layout

Device Preview

Size Desktop Browser (1000 x 8...)

Sheets

- Tuition Costs by Res...
- By School

Select Your State of Residency: IL

Average Tuition Costs for

Category	Tuition Cost
IL Private	\$43,012
Non-IL Private	\$40,876
Non-IL Public	\$37,263

Share via Tableau Server or Tableau Online

Server:

Quick Connect

[Tableau Online](#)

Don't have a Tableau Server or Tableau Online account? Quickly create a Tableau Online site to share your work.

# Publishing Dashboards

Publish Workbook to Tableau Server ×

Project  
College of Pharmacy - Student Affairs - UIC ▾

---


Name  
Tuition by Residency Dashboard ▾

---

Description

Tags  
[Add](#)

Sheets  
1 of 3 selected [Edit](#)

Permissions   
Permissions are locked by the site administrator or project leader [View](#)

Data Sources  
1 embedded in workbook [Edit](#)

More Options

Show sheets as tabs

Show selections

Include external files

[Publish](#)

# Example Dashboards

## COLLEGE OF PHARMACY CHICAGO ROCKFORD



Click arrow below to go to individual dashboards.

Category	Dashboard	
Administrative Affairs	Tuition	➔
	Admin Affairs	➔
	HR	➔
	Financials by School	➔
	UIC Only Financials	➔
Advancement	Reputation	➔
	Alumni	➔
	Fundraising	➔
Clinical Affairs	Clinical Affairs	➔
Clinical Education	Experiential Education	➔
	Residency Matches	➔
	Clinical Education Programs	➔
Diversity & Inclusion	UPHARM	➔
	Diversity & Inclusion	➔
Professional Development	Professional Development	➔
Research & Graduate Education	Graduate Programs	➔
	Graduate Program Metrics	➔
	Research	➔
	Faculty	➔
Rockford	Rockford & RPHARM	➔
Student Affairs	PharmD Admissions	➔
	Enrollment	➔
	PharmD Matriculant Locations	➔
	Tuition by Residency	➔
	PharmD Graduate Outlook	➔
	PharmD Graduate Outcomes	➔

### Data Metric Dashboard

This dashboard was created in order to assess various measures of performance from the strategic plan related to alumni, faculty and other employees, and students and in order to measure compliance with ACPE standards. Data was compiled from AACP, University of Illinois, and other internal and external sources. Questions and comments about data or any other aspect of this dashboard should be directed to the College of Pharmacy Dean's Office. Peer comparisons are made between UIC and the various peer groups listed on this page unless noted otherwise on a specific dashboard page.



[pharmacy.uic.edu](http://pharmacy.uic.edu)



[go.uic.edu/PharmFBChicago](https://go.uic.edu/PharmFBChicago)



[go.uic.edu/PharmFBRockford](https://go.uic.edu/PharmFBRockford)



[go.uic.edu/PharmTwitter](https://go.uic.edu/PharmTwitter)



[go.uic.edu/PharmYouTube](https://go.uic.edu/PharmYouTube)



[go.uic.edu/PharmInstagram](https://go.uic.edu/PharmInstagram)

### Peer List with 2016 US News & World Report Ranking

Select group:

All Peer Schools

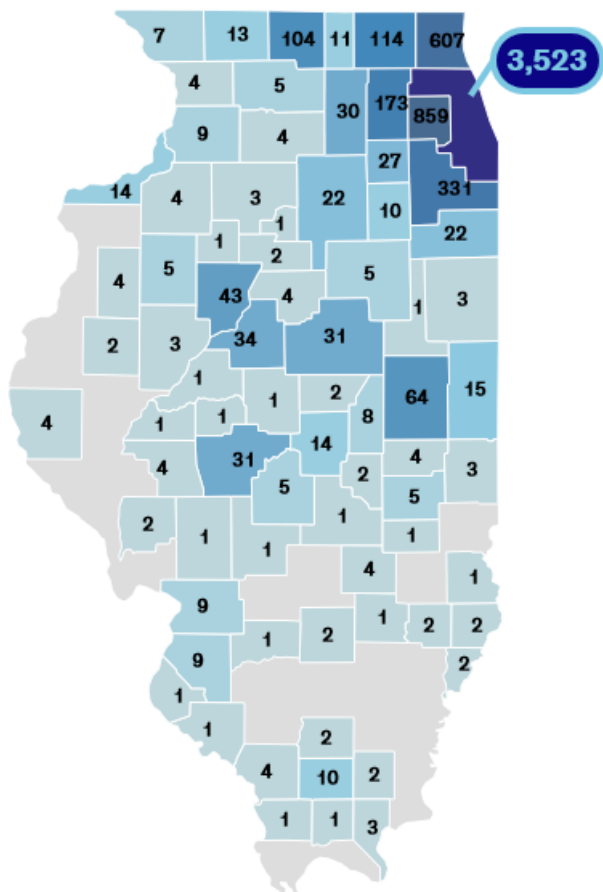
North Carolina	1
Minnesota	2
California-San Francisco	3
Michigan	3
Texas at Austin	3
UIC	6
Kentucky	6
Ohio State	6
Florida	9
Maryland	9
Pittsburgh	9
Purdue	9
Washington	9
Wisconsin	9
Arizona	16
Iowa	17
Utah	17
Nebraska	25
Rutgers	30
St. Louis	44
Butler	47
Drake	47
Midwestern	66
Southern Illinois	70
Chicago State	unranked
Roosevelt	unranked
Rosalind Franklin	unranked





## Office of Advancement and Alumni Affairs

### Alumni Count by Illinois County



UIC alumni are among the largest alumni body of any COP in the nation. Our over

**9,500**

living alumni are making an impact in Illinois and throughout the world. Our alumni are well-placed in almost any major chain, pharmaceutical company, or government agency including:

**60**

Company Presidents

**23**

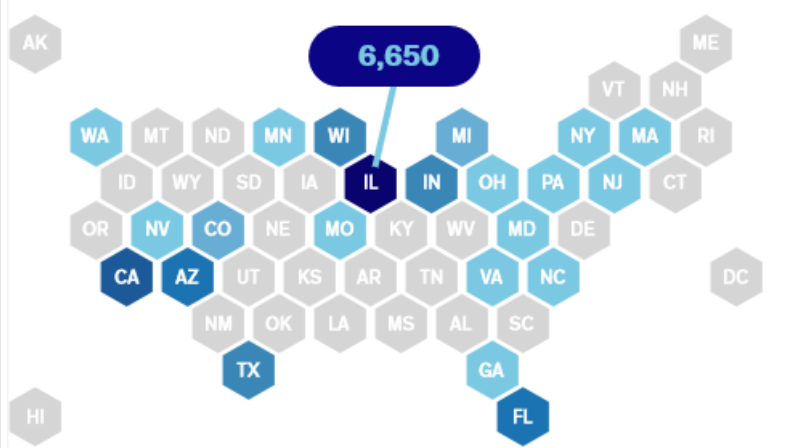
Company VPs

**29**

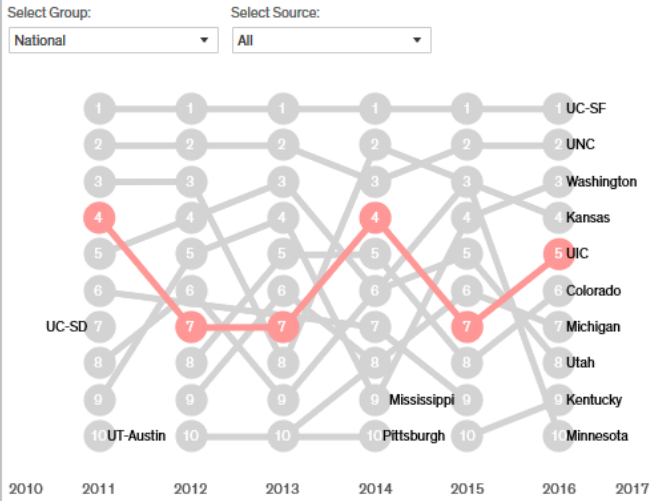
C-Suite Executives

Alumni Count by State  
 Alumni Count by Country

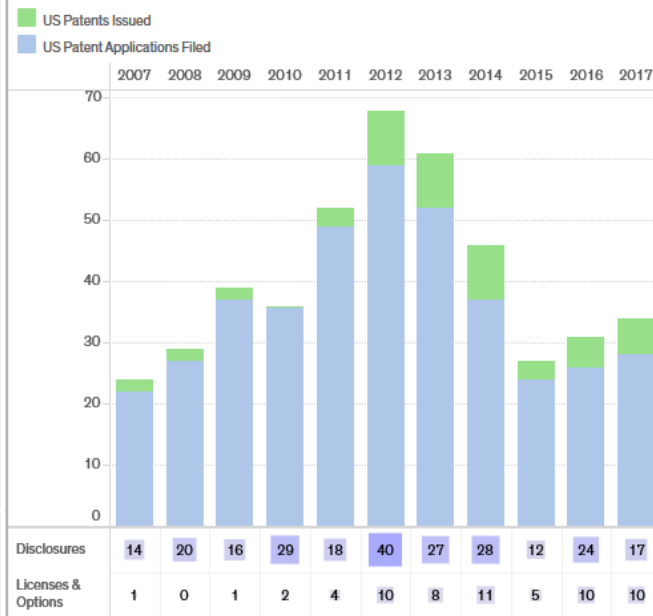
<50  
 50-100  
 100-150  
 150-200  
 250-300  
 500+



### Research Ranking by Source



### Research Metrics by Year



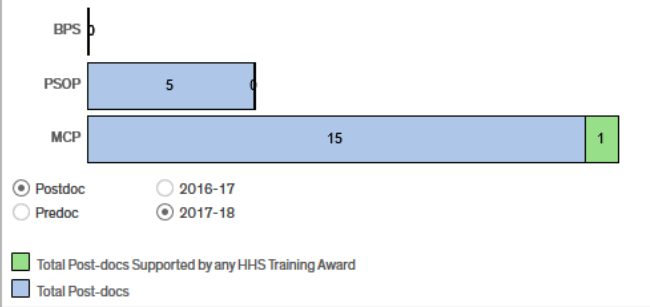
### UIC Ranking by Department

Select Fiscal Year: 2017

Department	Rank	Amount	Avg H-Index
Medicinal Chemistry/Pharmacognosy	8	\$7.098M	27.38
Center for Biomolecular Sciences	31	\$2.266M	43.00
Pharmacy Practice	34	\$2.051M	16.17
Pharmacy Syst, Outcomes & Policy	45	\$1.305M	21.36
Biopharmaceutical Sciences	48	\$1.017M	22.18
Institute for Tuberculosis Research	53	\$0.843M	49.00
Office of the Dean	114	\$0.008M	23.00
Chicago Drug Discovery & Development	121	\$0.000M	



### Postdoc Support by Department

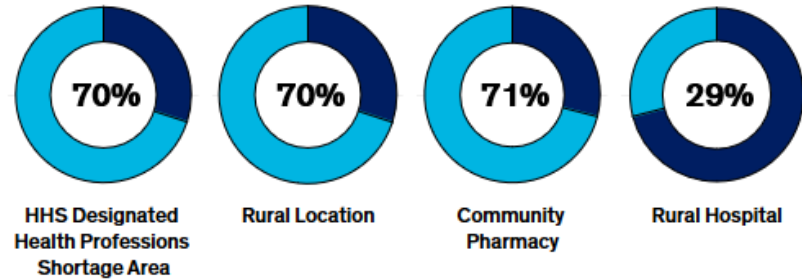


# ILLINOIS RPHARM

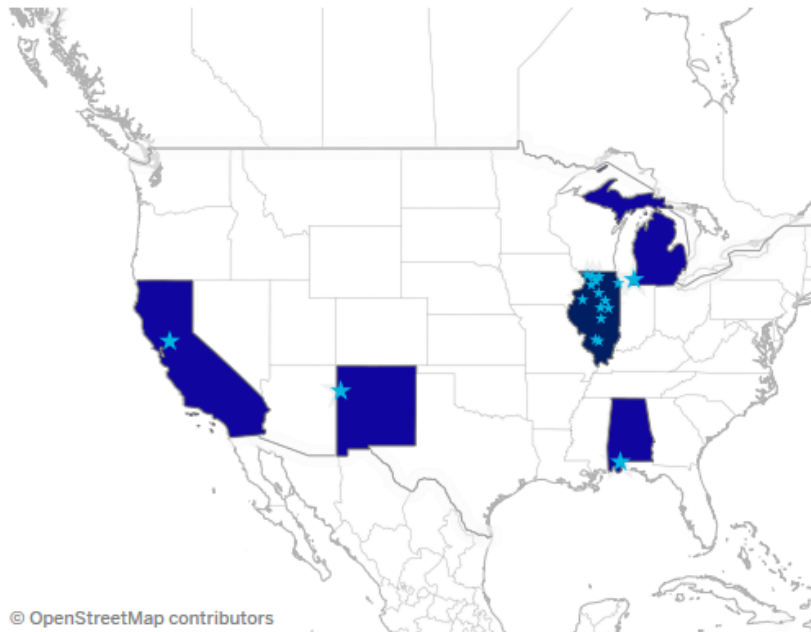
The concentration in rural pharmacy services, **RPHARM**, uniquely prepares individuals who enjoy small-town life for a satisfying, service-oriented rural pharmacy career. Students who choose **RPHARM** receive education and mentoring focused on the healthcare needs of small communities.

Graduates serve as leaders in their local communities, becoming involved in the town, school and business communities. Rural pharmacists are vital, respected members of the local healthcare delivery team. They choose rural pharmacy to make a difference in their patients' lives.

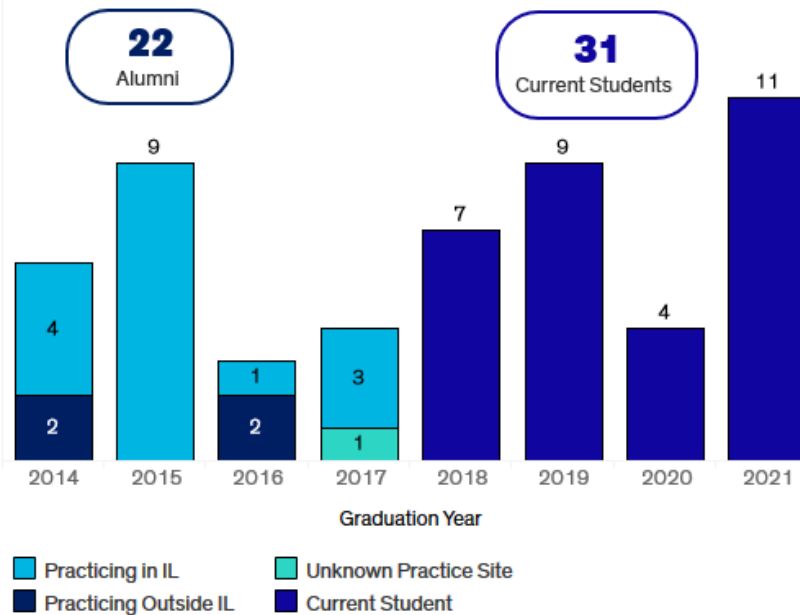
## Where are our alumni practicing?



- Map of Alumni Practice Locations
- Map of Matriculant Locations



## How many students are in the program?



Select Your State of Residency:

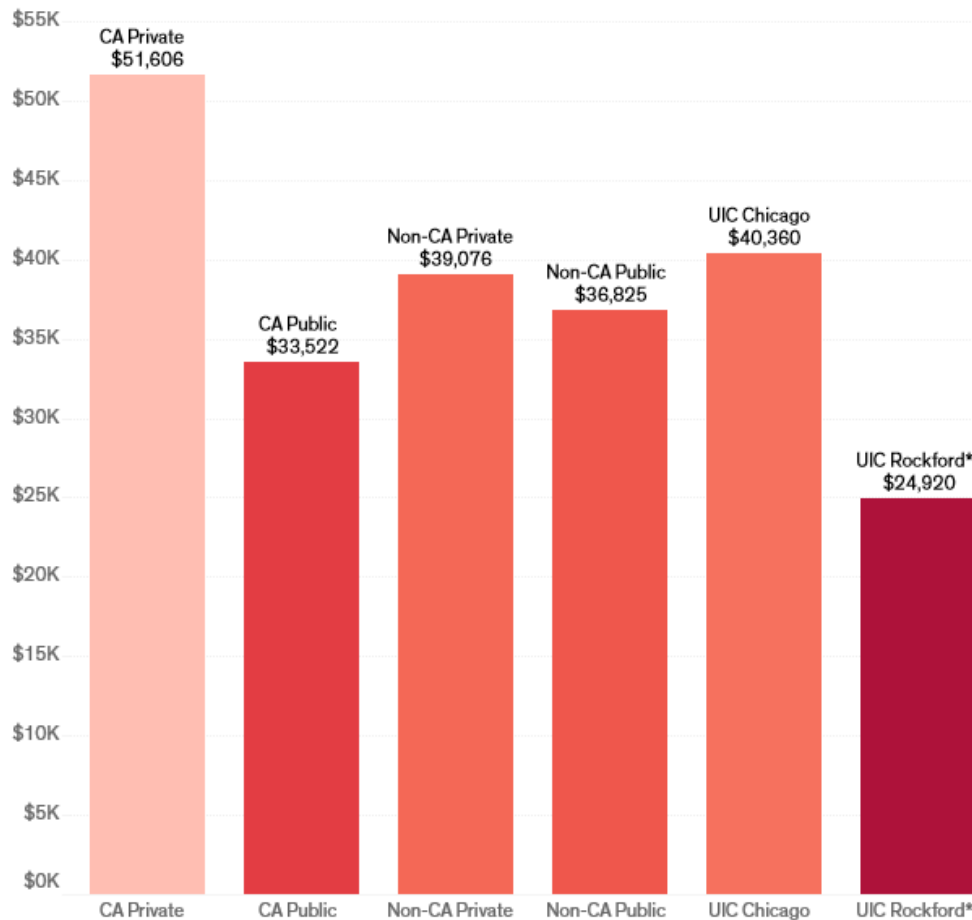
CA

Select Type:

Tuition

Tuition + Fees

### Average Tuition Costs for CA Residents, 2017-18



### Tuition Costs & U.S. News & World Report Ranking by School

School	Tuition	Ranking
UIC Rockford*	\$24,920	6
California-San Francisco	\$32,958	3
California-San Diego	\$34,086	25
UIC Chicago	\$40,360	6
West Coast	\$41,160	unranked
Loma Linda	\$43,500	88
California Health Sciences	\$45,000	unranked
Touro-CA	\$45,800	unranked
Keck Graduate Institute (K..)	\$46,600	unranked
Marshall B. Ketchum	\$47,530	unranked
California Northstate	\$48,310	unranked
Western	\$48,665	70
Southern California	\$54,924	9
Chapman	\$72,465	unranked
Pacific-CA	\$73,716	60



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go.uic.edu/PharmFBRockford



go.uic.edu/PharmTwitter



go.uic.edu/PharmInstagram



go.uic.edu/PharmYouTube

\*Tuition Scholarship is granted to all Rockford out-of-state applicants who are offered admission throughout the application cycle

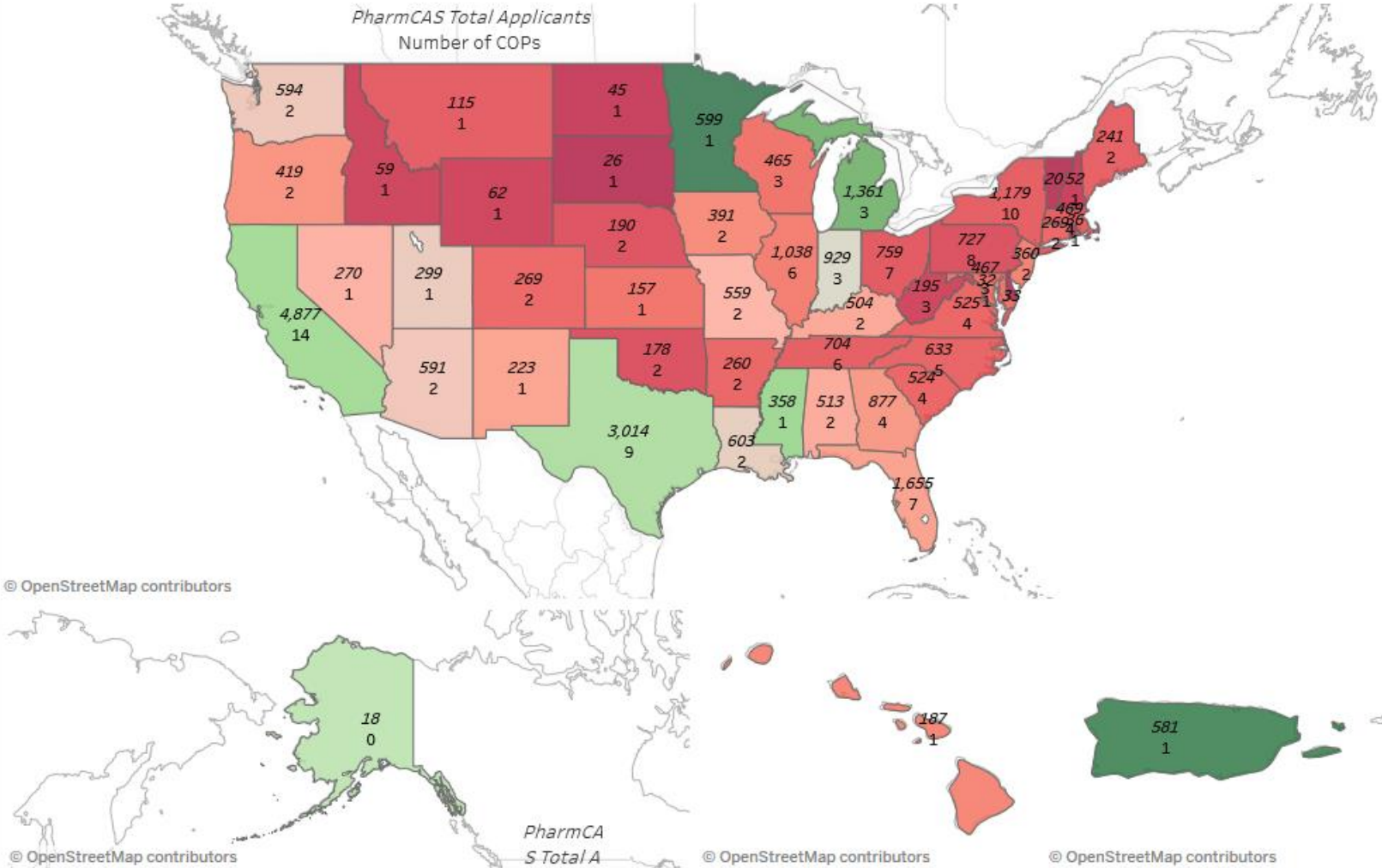
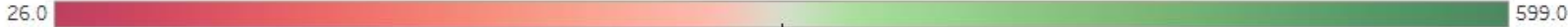
Navigate to:

Introduction



### July 1, 2017 - February 7, 2018 Applicants by State

State color indicates the applicant saturation (applicants per state COP).  
Hover over a state to see numbers and exact percentages.





# Tableau Server - Service

[https://www.ait.s.uillinois.edu/services/reports\\_and\\_data/Tableau\\_Server\\_service](https://www.ait.s.uillinois.edu/services/reports_and_data/Tableau_Server_service)

The screenshot shows the University of Illinois System AITS website. The header includes the University of Illinois System logo, a search bar for AITS/Knowledge Base, and the AITS logo with the text 'ADMINISTRATIVE INFORMATION TECHNOLOGY SERVICES'. The navigation menu includes Home, Get Started, Get Help, Access, Services (highlighted), and Reference Library. The breadcrumb trail is 'AITS » Services » Reports and Data » Tableau Server Service'. The main heading is 'Tableau Server Service'. The text describes Tableau as a new addition to the University of Illinois BI Analytics toolbox, used for data visualization and analysis. A list of links includes Advantages, Getting Started, Tableau Server Service, Publisher Information, Tips for Distributing a Dashboard to a Large Audience, Request a Project/Schedule, Tableau Desktop Assistance, and Server Assistance. A sidebar titled 'In this Section' lists Reports and Data, Help and Training, Reports, BI Analytics, About Data, and DS System Status & Availability.

UNIVERSITY OF ILLINOIS SYSTEM

Search AITS / Knowledge Base

AIT S | ADMINISTRATIVE INFORMATION TECHNOLOGY SERVICES

Home Get Started Get Help Access **Services** Reference Library

AITS » Services » Reports and Data » Tableau Server Service

## Tableau Server Service

Tableau is a new addition to the existing University of Illinois BI Analytics toolbox. Tableau Desktop is a visualization tool that provides you with a quick way to analyze, visualize and share information. It is used by advanced users to create and publish data visualization/dashboards and perform advanced data analysis. Review the resources on this page to learn about how Tableau can help with your organization's reporting needs.

- [Advantages](#)
- [Getting Started](#)
- [Tableau Server Service](#)
- [Publisher Information](#)
- [Tips for Distributing a Dashboard to a Large Audience](#)
- [Request a Project/Schedule](#)
- [Tableau Desktop Assistance](#)
- [Server Assistance](#)

**In this Section**

- Reports and Data
- Help and Training
- Reports
- BI Analytics
- About Data
- DS System Status & Availability

# Tableau Server - Environments

- Two servers
  - PRODUCTION
    - [tableau.admin.uillinois.edu](http://tableau.admin.uillinois.edu)
      - Make visualizations available to your clients or public
  - QA/TEST
    - [tableau-test.admin.uillinois.edu](http://tableau-test.admin.uillinois.edu)
      - Test your visualization in a server environment (sharing, embedding, etc.)



# Tableau Server – Requesting a Project

## Request a Project/Schedule

Submit a Tableau Project [Request Form](#).

### Tableau Requests

Use this form to:

- **request a new Tableau project**  
A project allows you to publish Tableau workbooks and dashboards to a defined group of users
- **request a new schedule**  
A schedule determines when the data for the workbook or dashboard is refreshed
- **modify an existing project**  
Change the properties of an existing project

### Tableau Environment:\*

- Test
- Production

### Request Type:\*

- New Project
- New Schedule
- Modify Existing Project

Click the Save button to continue.

Save

# Tableau Server – Requesting a Project

Fields currently in the form.

\*required

- Requesting Unit's Campus:\*
- Requesting Unit's Name:\*
- Project Name:\*
- Project Description:
- Publishers Active Directory Group(s):\*
- Viewers Active Directory Group(s):
- Request non-default viewer permissions
- Additional notes:

# Tableau Server – Security/Access

User / Group	Project ▶▶
 All Users (3948) ...	None
 GG-PHARM-Tablea... ...	Publisher
 GG-PHARM-Tablea... ...	Viewer

Viewers can view workbooks/sheets in the project

Publishers can publish, edit and view workbooks/sheets in the project

- Accepts responsibility that any workbooks/sheets published to this project will not share confidential and sensitive information with anyone, including colleagues, unless there is a business reason and they are an authorized viewer of the data.

# More Resources and Answers




<https://answers.uillinois.edu/ua/search.php?q=tableau>

ANSWERS & SUPPORT
tableau
Q
Advanced

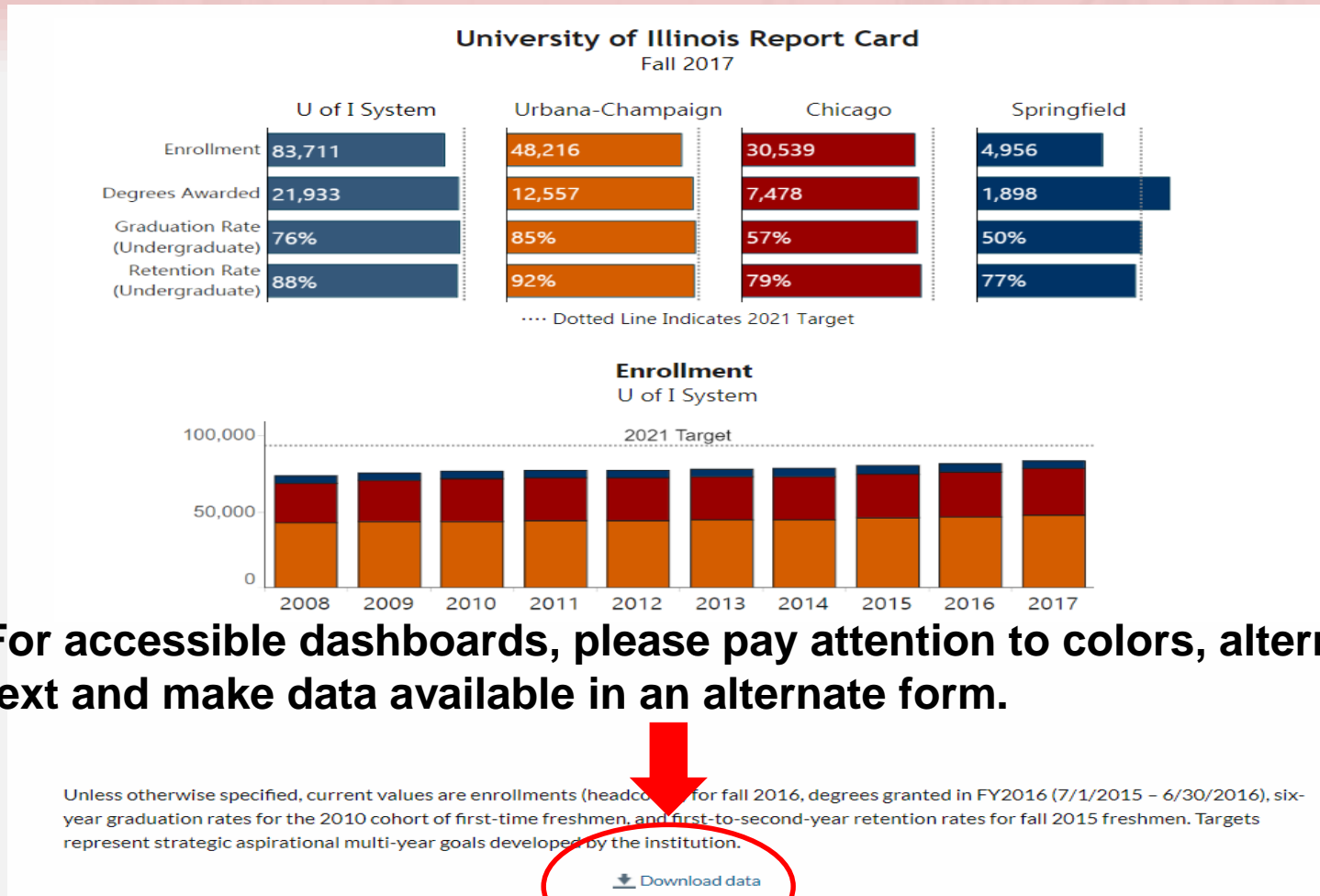
[Show relevant topic filters >](#)

Fulltext
20 per page
Results: 1-20 of 21
Sort by relevance XML JSON OL

No.	Document Title	ID	Updated	Hits
1	Tableau - Service Provided	72941	2017-12-04	981
2	Tableau - Where do I go for Assistance?	67612	2018-03-12	884
3	Tableau - Information for Publishers	53553	2018-01-31	10657
4	Tableau - Embedding Dashboards in Websites Using Tableau Service Account	60568	2017-10-31	41513
5	Tableau - "Guest" User Account	74959	2017-09-26	580
6	What is the URL for the Tableau Connect...	41000	2017-10-31	2270

 CHECK STATUS  
 START A TICKET  
 GET MORE HELP

# Accessibility



# Workshop Summary

- Tableau is an intuitive drag-and-drop data visualization tool that can provide new and innovative ways to explore and share your financial, HR, alumni, student, or research data. We hope after this workshop you have a framework to quickly get started with Tableau and some ideas on how to visualize and share your data.

Thank you...

Any Questions?