Lehigh Data Literacy:

Finding and Understanding Data about Lehigh

ERAC Staff Development Day 2022

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OIRSA | **LEHIGH** UNIVERSITY
Office of Institutional Research & Strategic Analytics

Office of Institutional Research and Strategic Analytics

The Office of Institutional Research and Strategic Analytics (OIRSA) is the source of comprehensive information regarding Lehigh University.

Part of the Provost's stem, we pride ourselves on collecting and disseminating reliable and valid institutional data in a responsive, timely and ethical manner.

Objective

Help you access/ask for the institutional data you need

"Gartner defines **data literacy** as the ability to read, write and communicate data in context, including an understanding of data sources and constructs, analytical methods and techniques applied, and the ability to describe the use case, application and resulting value." - Gartner.com

Data Stewardship

Data Owner - Lehigh is the owner of all University data
Data Stewards - designated senior officials (planning & policy responsibilities)
Data Managers - designated University staff (operational-level responsibility)

Data Users are individuals who have been granted access to institutional data in order to perform assigned duties or in fulfillment of assigned roles or functions within the University. **Data Users share responsibility in helping Data Stewards and Data Managers protect and manage data by making efforts to understand the source, meaning, and proper use of data.** This includes respecting the privacy of individuals whose records they may access.

https://oirsa.lehigh.edu/data-stewardship

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Data systems at Lehigh

- **Ellucian Banner**
- Enrollment RX
- Watermark Course Evaluations and Surveys
- Qualtrics
- PyraMED
- Maxient
- Adirondack
- Amazon Web Services (AWS)
- Plus many more!

Examples of Lehigh Data

- Enrollment
- Enrollment by Race/Ethnicity
- Enrollment by Gender
- Enrollment by College
- Enrollment by Financial Aid Status
- ...
- Count of student athletes
- Count of students participating in Greek Life
- Count of students living on campus
- Count of faculty members
- Count of staff
- ...
- Percentage of graduates employed
- Number of courses taught
- Average class size

- Count of degrees awarded
- Graduation Rate
- Retention Rate
- ...
- Count of applications
- Count of applicants
- Count of offers made
- Count of offers accepted
- Yield Rate
- Acceptance Rate
- ...
- Course Evaluation response rates
- Course Evaluation scores
- Survey answers: e.g. % of students satisfied with their experience at Lehigh

Asking Data Questions

The quality of the data we can provide depends on the quality of the question you pose.

Examples of questions needing improvement

I want to know:

- How many people are at Lehigh?
- Is our campus more diverse than it used to be?
- Are students successful at Lehigh?

I want to know…

—————————— of ————————— by ————————— for —————————

Headcount (unique)
Count/Number
Percentage
FTE

Students enrolled
Degrees awarded
Offers accepted
Faculty/staff

Semester
Year
Race
Sex
College
Level (UG/GR)
Class
First Generation Status
Financial Aid Status
Athletic Status

The last 5 years
The College of Arts and Sciences
Undergraduate/Graduate only

Better data questions

(Specificity is key!)

I want to know: *(how many people are at Lehigh?)* Headcount of enrolled undergraduate and graduate students for the most recent Fall semester?

I want to know: *(is our campus more diverse than it used to be?)* What percentage of full-time faculty are people of color by year, for each of the last 10 years?

I want to know: *(are students successful at Lehigh?)* What percentage of undergraduate students from the entering Fall 2015 cohort graduate within six years?

OIRSA Data Center

Data Center

Home » Data Center

Provost's Policy

Services & Resources

✖ Data Center

University Profile

Common Data Set

Admissions

Enrollment

Graduation & Retention

Faculty & Staff

Survey Data

Analytics Portal

✚ Data Governance

Contact Us

The OIRSA Data Center is home to current and past information about Le including Census Data, the Common Data Set, the University Profile, our tools and a variety of other Reports & Presentations.

And, although many university constituents may not realize it, the data w year appear throughout the university in a variety of familiar formats, inclu a Glance and the Undergraduate Admissions Class Profile, both of which Lehigh marketing and recruitment efforts.

Requests for data not already housed in the OIRSA Data Center can be m telephone at 610-758-5890 or by email at oir@lehigh.edu.

- https://oirsa.lehigh.edu/data-center
- Select between Data Visualization Tools in Tableau:
  - Census Visualizations
  - Completions by Degree and Major
- Or traditional static PDF reports:
  - Census Data
  - University Profile
- Link to Analytics Portal for licensed users

Looking up a data definition

The Data Cookbook is a helpful tool where you can learn more about the data you are seeing in Lehigh reports and dashboards

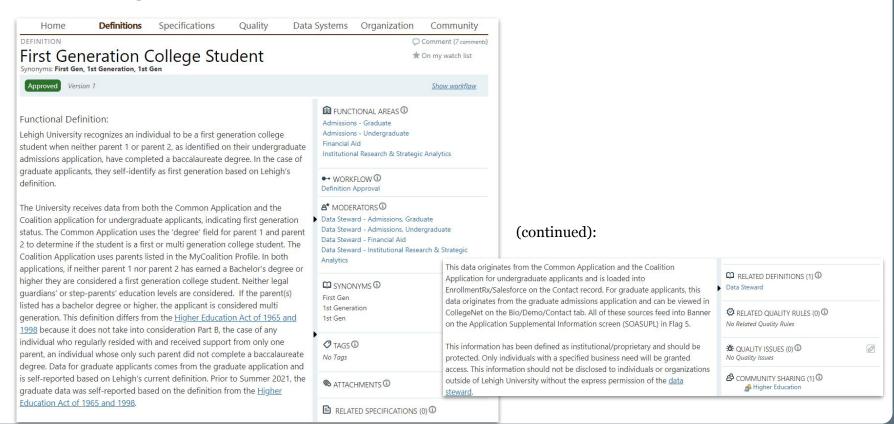Visit **lehigh.datacookbook.com** and log in with Lehigh credentials

- Type a term in the search box to see definitions containing that word

Definition Example:

(continued):

Requesting data

Make a Request

Home » Contact Us » Make a Request

Provost's Policy

Services & Resources

➕ Data Center

➕ Data Governance

✖ Contact Us

Meet Our Team

Make a Request

In the service of supporting strategic planning, O
for Lehigh stakeholders. We receive a variety of r
alongside our regular responsibilities. To optimiz
the information we need to address them.

Upon submitting the form, you will receive a cop
within 2 business days to confirm receipt of your

An important note on data requests: Before subr
data you are seeking are already available there.
for reporting to external organizations. If you nee
contact Registration & Academic Services.

If you have a request regarding course evaluatio

CLICK HERE TO SUBMIT A REQUEST TO OIRSA.

OIRSA Request Form

- To submit requests to OIRSA: https://oirsa.lehigh.edu/make-request
- Includes documentation for what to consider when making a request for our services

Data *not* handled by OIRSA (usually)

- Live operational data
- Current registration in a particular course
- Data not stored in Banner or in another system
- Data with additional restrictions: counseling services, HWC, etc.

Office of Institutional Research & Strategic Analytics

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