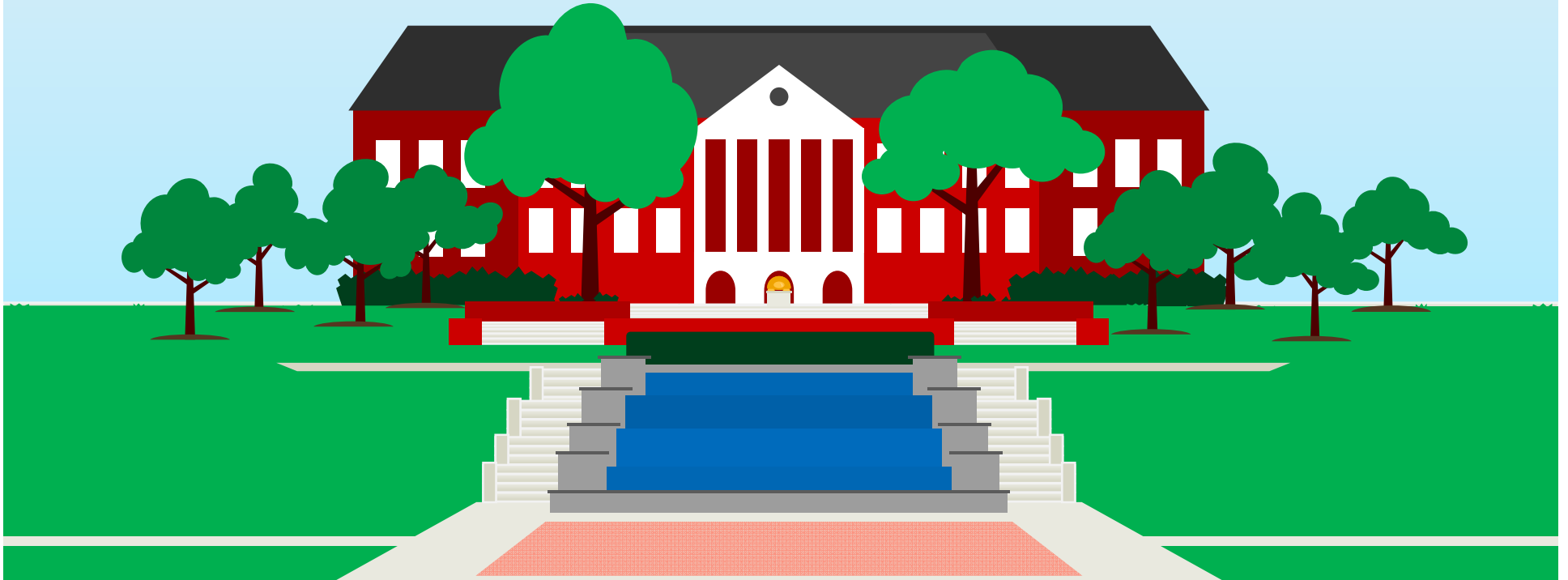


DECISION SUPPORT PROJECT OVERVIEW

Big Data Practitioners Roundtable



DATA CHALLENGES AT UMD

Inconsistent definitions

Gaps in data availability

Inconsistent reporting

Processing data is brittle and slow

Inconsistent application of data policy

Limited unit-record and reporting flexibility

PROJECT OVERVIEW

Workstream	Executive Reporting (ER)	Data Extraction + Ad Hocs (DE)	Data Modernization (DM)	Data Documentation (DD)
Description	Any user on campus should be able to access predigested information with context to aid in their understanding	Power users on campus generate reports to do their day-to-day work and need the ability to run ad hoc queries	AWS DW transformation	Ensuring all data are documented in DataDocs prior to moving to the new DW
Legacy Systems	Profiles, Frozen Warehouse, WOW	Current Warehouse, WOW, Advise on the Web, Hyperion Studio	Oracle, Mainframe	DAD site, Oracle Tables
Risk Mitigation	Profiles Replacement WOW - Partial Replacement	WOW Replacement	Informatica implementation SIS Replication / Data Store	Field level definitions - DAD Replacement Report Documentation
Enhancements	New Executive Reports New Content Areas	Hyperion/Studio Replacement Advise on the Web Replacement	Warehouse redesign New data sources Implementation of "Data are Free" Policy	Table Documentation
Solution Space Systems	Tableau, AWS	SQL, Tableau, Jasper, SAS, ...?	Amazon Redshift	Data Docs

CHANGES FOR USERS

- **Finding data**
 - New location, hopefully consolidated and easier to find
 - New look and feel, hopefully more intuitive
- **Generating data**
 - New tools, hopefully with more stability and features
 - Some pain in learning, hopefully with community support
- **Documenting data**
 - New tools, hopefully with collaboration and support
 - New responsibility, hopefully with payoff

FOUR TYPES OF ACCESS

- **Public:** aggregate, summary, basic data
- **Campus-wide:** aggregate, summary, decision support
- **Protected-use:** de-identified individual records for research or legitimate business use
- **Full-use:** individual records identified for use in research, legitimate business use, and applications

A NEW CAMPUS RESOURCE

UNIVERSITY OF MARYLAND

 COLLEGES & SCHOOLS

 NEWS

 EVENTS

reports.umd.edu

Your source for data at the University of Maryland

What type of user are you?



Public User

No Login Required



Campus User

Login Required

Your connection must be [UMAccess](#) [MFA VPN](#)

Office of Institutional Research, Planning & Assessment

[Web Accessibility](#)

Best viewed at a minimum resolution 1366px x 768px.



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- I understand that "Unit Record Data" (URD) is specific, granular data that can be used to identify individuals and information about them, among other things. This information is clearly sensitive, often confidential, and is protected by federal, state, and local laws, including FERPA. It is only provided to employees when needed for completing legitimate job-related responsibilities.
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- I will protect URD by storing it securely, accessing it securely and preventing unauthorized access, limiting or eliminating sharing, and deleting all copies upon completion of the relevant activity or at the expiration/termination of my access permissions.
- I will not share any findings outside the University of Maryland without prior approval of the Senior Vice President and Provost or designee.

Proceed to Executive Reports (Formerly Profiles)

DISCLAIMER: By clicking Proceed you agree to the Terms of Service listed above

MFA/VPN Instructions

Must be connected to UMAccess MFA VPN

Data Docs

UMD's data documentation tool

Need help?

Troubleshoot your problems

reports.umd.edu

Your source for data at the University of Maryland



Campus Report Navigator

Filter by Tag (All)

Content Area

(All)

Reports

Assignable Space in Square Feet
Course Counts by Class Size
Course Grades (Incl. DWF)
Credits by Faculty - Course Prefix
Credits by Faculty - Fac Appt
Degree Recipients by Race and Gender
Degrees Granted
First-Time Fall Freshmen SAT Scores
GR Retention and Graduation Rates - New Enrollment Coh.
Graduate Applications
Graduate Completion - Degree Cohort
Graduate Completion - New Enrollment Cohort
Graduate Time to Degree - Degree Cohort
KR Reports
Median GRE Scores
Number of Registered Majors
Shady Grove: Course Counts by Class Size
Shady Grove: Course Grades (Incl. DWF)
Shady Grove: Degrees Granted
Shady Grove: Number of Registered Majors
Shady Grove: Student Credit Hours
Shady Grove: GR Retention and Graduation Rates - New Enrollment Cohort

Report Details

Number of Registered Majors

Report Description :

MATCHES PROFILES. This report provides undergraduate and graduate student enrollment counts. Counts are provided using three methodologies: primary major count (each student counted once in their primary major), unduplicated count of majors (each student counted once in the selected unit), and count of all majors (each student counted for each major he/she is registered).

Report Links

[Number of Registered Majors](#)
[Report Description](#)

Report Tags

Count of Majors, Enrollments, Full-time/Part-time, Graduate Students, Headcount, Primary Major, Profiles, Students, Undergraduate, Unduplicated Count of Majors,

Your Favorites

Workbook: Students by Race & Gender
Degrees Granted
Student Credit Hours
Student Movers (Advanced)
Undergraduate Admissions
Tom's Training Dashboard

Your Top 5 Viewed

Number of Registered Majors
Course Counts by Class Size
Undergraduate Admissions
Students by Race & Gender
Student Movers (Advanced)



FOR MORE INFORMATION

Email: reportsupport@umd.edu

Project website: <https://irpa.umd.edu/dsupdates.html>

www.reports.umd.edu