ENGR & AGNR SUPPLEMENTAL USER GUIDE

Table of Contents

Shared ENGR & AGNR Dashboards

The following dashboards are available to both the ENGR & AGNR colleges under the college's respective category within iDashboards. The dashboards, for the most, part should function identically with a few calculation or visualizations differences which will be noted in the description of each dashboard.

Financial Dashboards

Faculty Salary Compression Dashboard
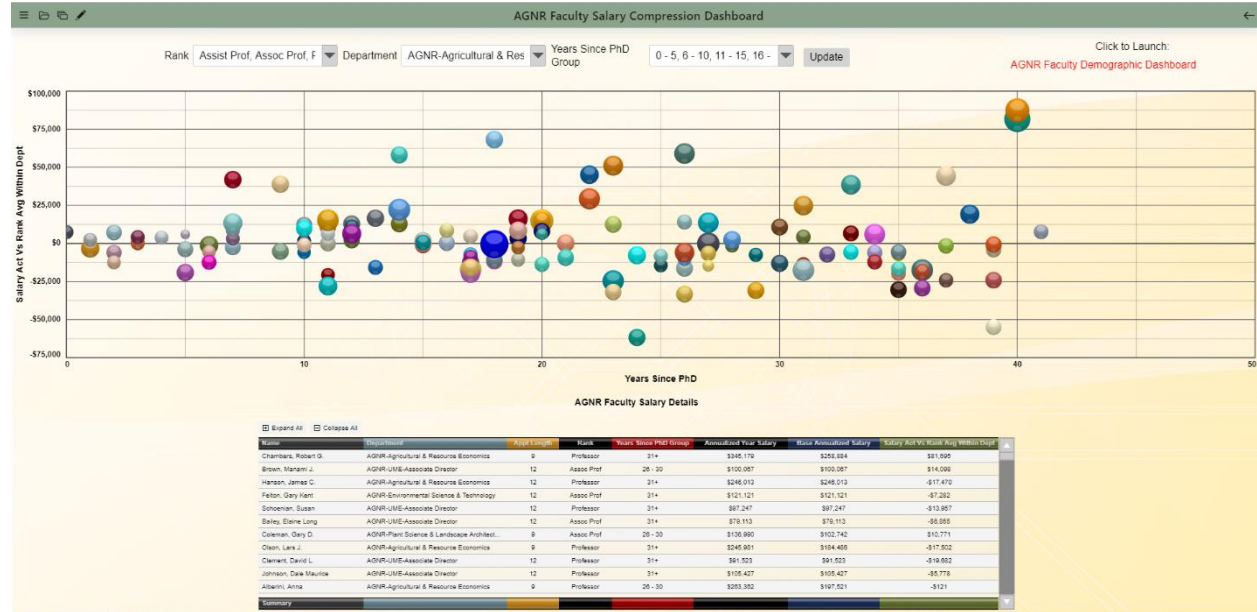
Overview & Purpose:

The Faculty Salary Compression Dashboard plots TTK individual's salary's on a bubble chart by annualized salary minus the difference of the average annualized salary of the rank within the Department. The purpose of this dashboard is to identify instances in which salary compression may exist at a Rank within a Department

- ENGR Annualized Salary Calc:
    - o 12 month: Total Base Annual Salary * .75
    - o 9 month: Total Base Annual Salary
    - o There are contract exceptions with rates of .70 due to contractual agreements.
- AGNR Annualized Salary Calc:
    - o 12 month: Total Base Annual Salary
   - o 9 month: Total Base Annual Salary/.75

Available Filters:
1. Rank
2. Department (Tenure home of TTK)
3. Years Since PhD Group

Chart Name	Chart Description	Drills To?
TTK Salary vs Rank within Dept (Bubble)	Individual annualized salary vs rank within department average. Above the 0 line=faculty salary is greater than average, below indicates faculty salary is less than rank within the department.	N/A
Faculty Salary Details (Tabular)	Details of individual faculty annualized salary details and calculations.	N/A

Research Dashboards

Research Metrics by Admin Unit
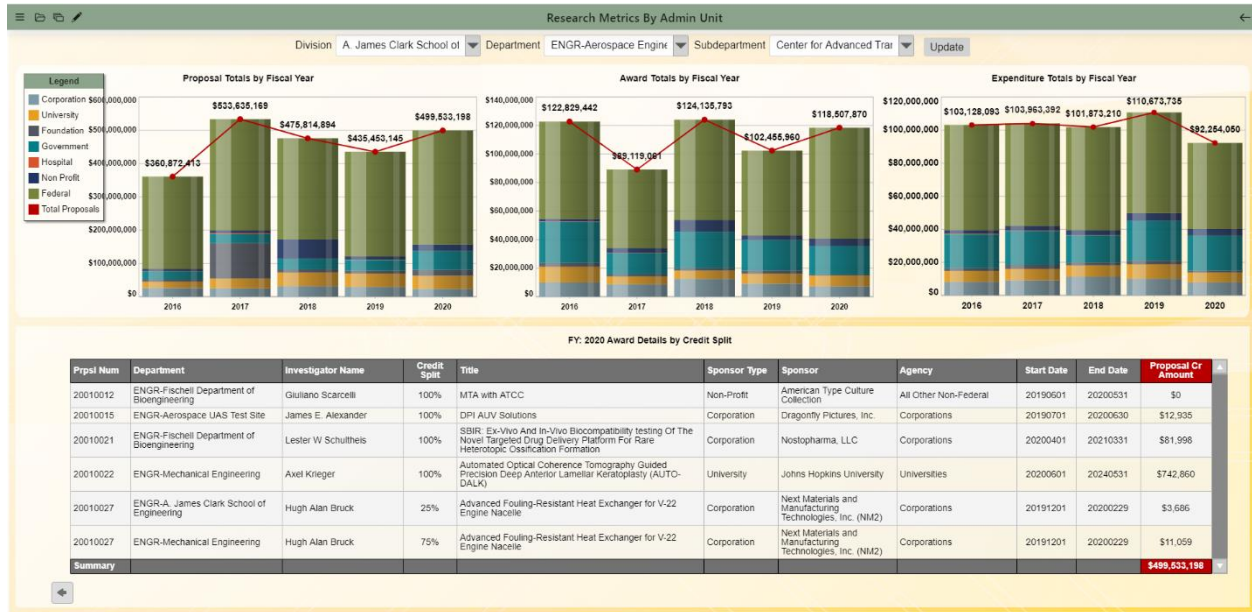
Overview & Purpose:

The purpose of the Research Metrics by Admin Unit Dashboard is to enable users to easily retrieve proposal, awards and research expenditures by administrative unit. The dashboard visualizes fiscal year research metric totals for each research metric by sponsor type (Corporation, University, Foundation, etc.) Click on a research metric's fiscal year column stack will reveal the underlying proposal splits, award splits or expenditure account totals with that fiscal year chose. The available units in this dashboard is controlled by the user's unit level security similar to the security in the other financial dashboards.
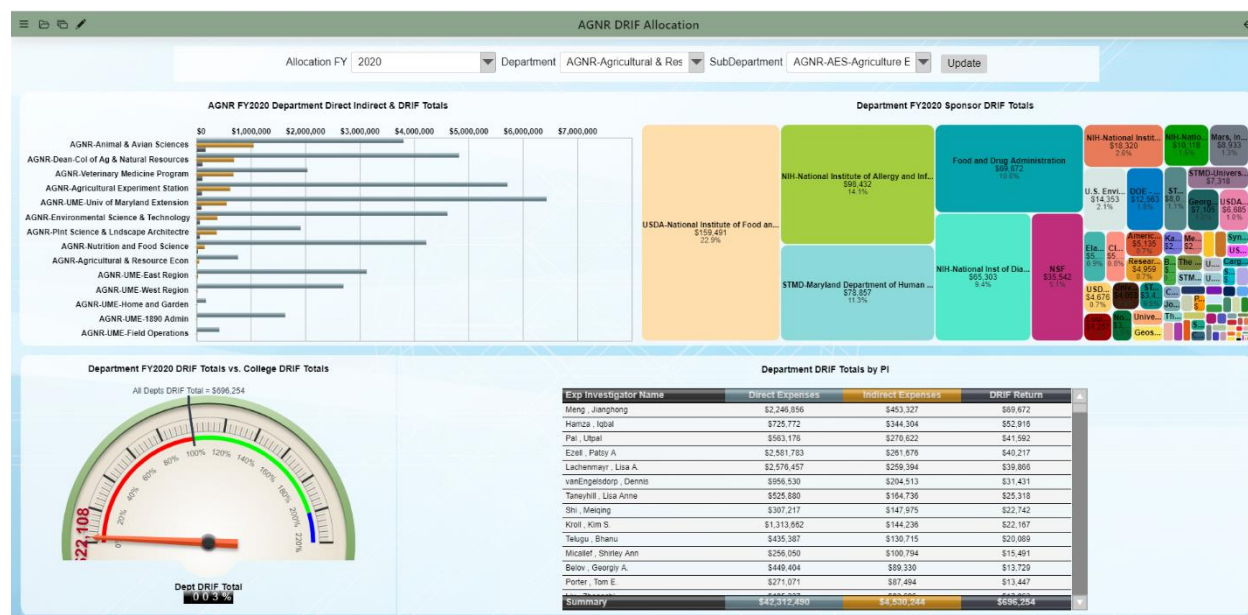
Available Filters:

1. Division
2. Department
3. Subdepartment

Overview of Charts:

Chart Name	Chart Description	Drills To?
Proposal Totals by Fiscal year (Stacked Column)	Displays sponsor type proposal totals by fiscal year within the chosen department(s).	Fiscal Year Proposal Details by Credit Split
Award Totals by Fiscal year (Stacked Column)	Displays sponsor type award totals by fiscal year within the chosen department(s).	Fiscal Year Award Details by Credit Split
Expenditure Totals by Fiscal year (Stacked Column)	Displays sponsor type expenditure totals by fiscal year within the chosen department(s).	Fiscal Year Research Expenditures

DRIF Allocation

Overview & Purpose:

The DRIF Allocation Dashboard visualizes the Office of Research Administration's annual DRIF allocation by administrative unit. Users are able to see direct, indirect and DRIF return credit totals by sponsor and/or investigator. There are a couple drills which allow users to drill into investigator or sponsor details to identify sponsors or investigators comprising DRIF return credits.

Available Filters:

1. Allocation FY
2. Department
3. Subdepartment

Chart Name	Chart Description	Drills To?
FY Department Direct Indirect & DRIF Totals (Bar)	Displays direct, indirect and DRIF returns (with waivers) by fiscal year in the administrative unit.	Interacts with below speedometer by Dept
Department FY Sponsor DRIF Totals (Tabular)	Displays DRIF return credits by sponsor name.	Department Totals by Sponsor & PI
Department FY DRIF Totals vs College DRIF Totals (Speedometer)	Visualizes a Department's DRIF credits vs the total college DRIF credits,	N/A
Department DRIF Totals by PI (Tabular)	Displays direct, indirect and DRIF Return credit totals by investigator split.	Department DRIF Totals by PI
Department DRIF Totals by PI	Displays the individual awards which generate the DRIF returns by investigator.	N/A

Academic Dashboards

Enrollment
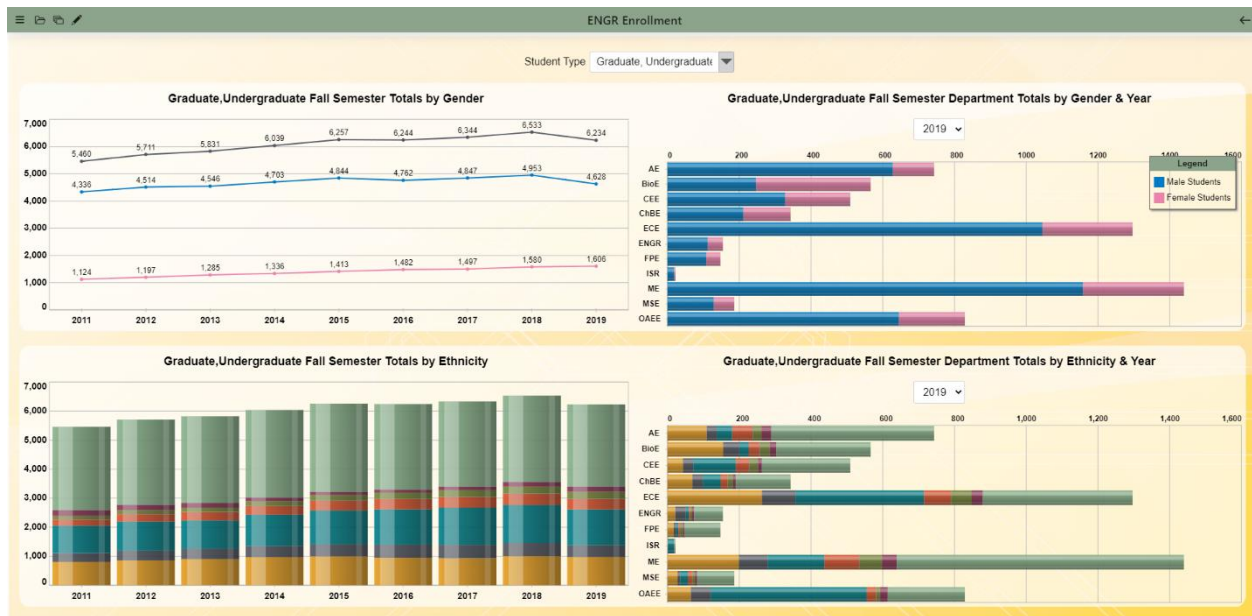
Overview & Purpose:

The Enrollment Dashboard visualizes both Graduate and Undergraduate enrollment by Gender, Ethnicity and by Department. Users can filter the dashboard to include or exclude Graduate or Undergraduate students. The underlying data supporting this dashboard is extracted from and reconciles to IRPA's Enrollment reports available on reports.umd.edu.

Available Filters:

1. Student Type: Graduate/Undergraduate

Overview of Charts:

Chart Name	Chart Description	Drills To?
Fall Semester Totals by Gender (Trend line)	Total enrollment, male and female enrollments by academic year.	Fall Semester Department Totals by Gender & Year
Fall Semester Department Totals by Gender & Year (Stacked Bar)	Male and Female student enrollment by Department in a chosen academic year.	N/A
Fall Semester Totals by Ethnicity (Stacked Column)	Total enrollment by federal reporting ethnicity by academic year.	Fall Semester Department Totals by Ethnicity & Year
Fall Semester Department Totals by Ethnicity & Year	Total enrollment by federal reporting ethnicity by department in a chosen academic year.	N/A

Fall Freshmen Apps & Admits by County
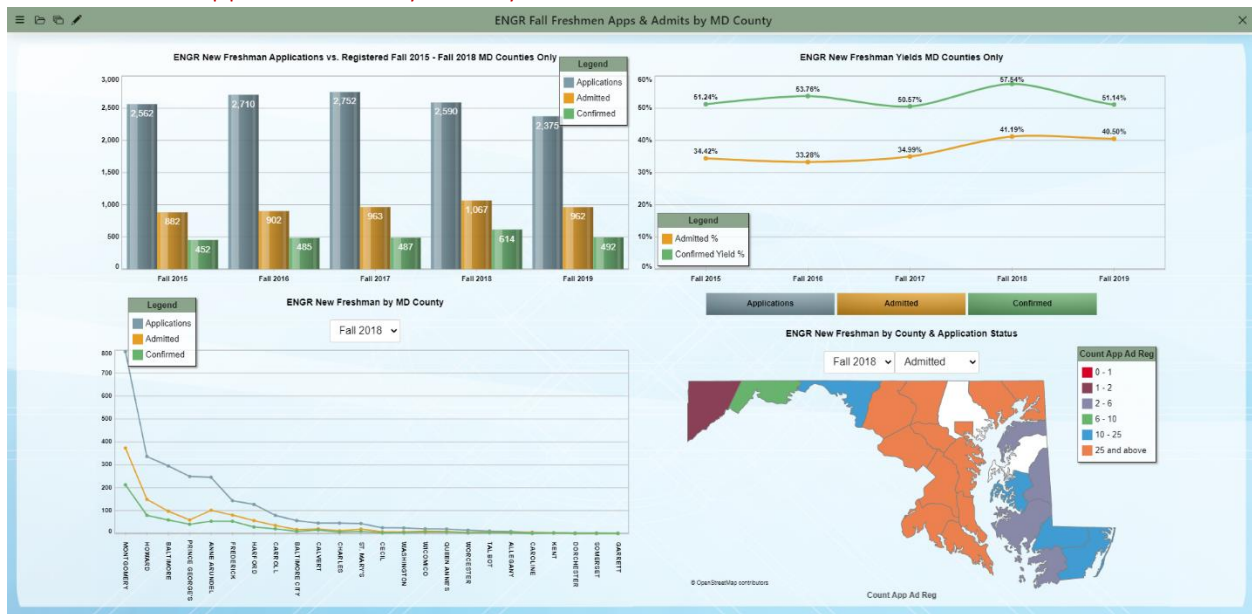
Overview & Purpose:

The purpose of the Fall Freshmen Apps & Admits by County is to visualize applications, admissions and confirmed enrollment of prospective students from the State of Maryland. This dashboard includes only freshmen applicants applying from the state of Maryland and allows users to identify the number of applicants, admitted and confirmed freshmen from each of the counties in Maryland.

Available Filters:

N/A

Overfiew of Charts:

Chart Name	Chart Description	Drills To?
New Freshman Applications vs Registered MD Counties Only (Column)	Displays New Freshmen Applications vs Admitted vs Confirmed students by academic year.	Pivots below line and county map charts
New Freshman Yields MD Counties Only (Trend line)	Displays Admitted vs Confirmed Yield trends by academic year.	Pivots below line and county map charts
New Freshmen by MD County (Trend line)	Displays county total trends by selected academic year by county.	N/A
New Freshmen by County & Application Status (County Map)	Displays county counts by applications, admitted or confirmed status by academic year.	N/A

Fall Freshmen Apps & Admits by Department

Overview & Purpose:

The purpose of the Fall Freshmen Apps & Admits by Department is to visualize ALL applications, admissions and confirmed enrollment of prospective students. This dashboard includes both transfer and new freshmen applicants and allows users to identify the number of applicants, admitted and confirmed freshmen.

Available Filters:

1. Applicant Type
2. Department

Chart Name	Chart Description	Drills To?
New Freshman, New Transfers Apps, Admits & Registered by Term (Column)	Displays New Freshmen & Transfer Applications vs Admitted vs Confirmed students by academic year.	Pivots below tabular chart by academic year.
New Freshman, New Transfers vs. College Admitted & Registered Yields (Speedometers)	Two speedometers measuring Admitted and Registered Department vs College yield % by the selected academic year.	N/A
Major Totals by Term (Tabular)	Displays aggregated detail level of prospective and admitted/confirmed students with SAT information as well as application, admitted and confirmed counts by majors within a Department.	Expands with details by major.

ENGR Dashboards

Financial Dashboards

ENGR PO Dashboard

Overhead & Purpose:
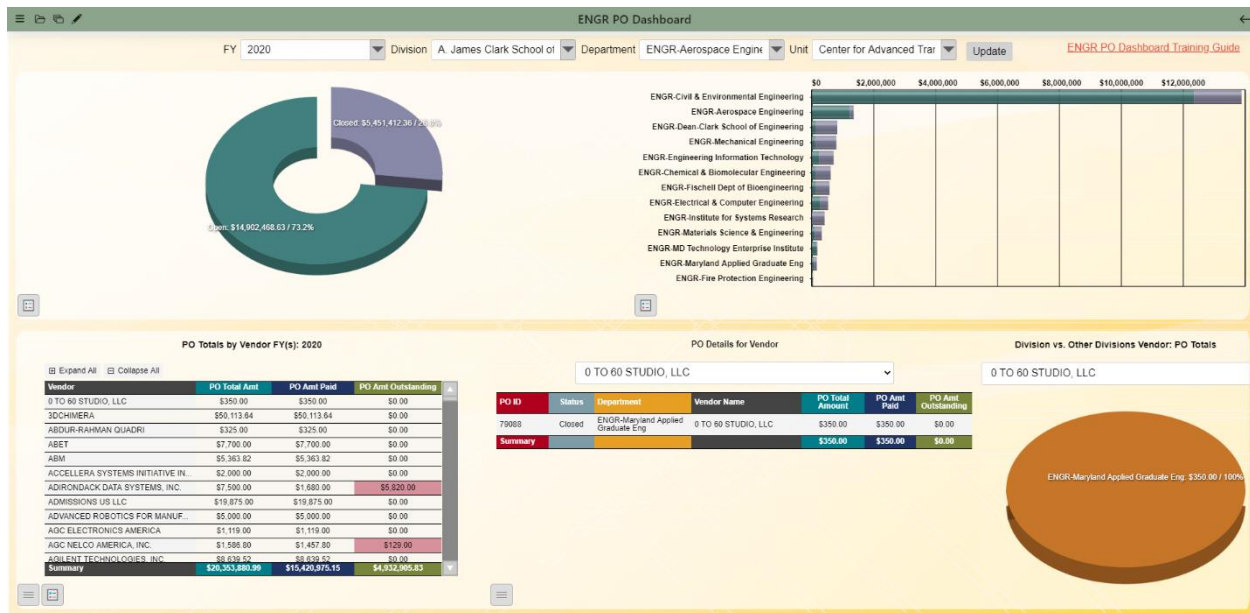
Overview & Purpose:
The ENGR PO Dashboard displays current and past procurement orders (PO's) by the selected department(s). Users can easily navigate current and past PO's to identify open and closed PO's, committed, outstanding and paid amounts. The dashboard displays totals by status, vendor and contains underlying payment/requisition details with drilldowns.

Available Filters:
1. Fiscal Year
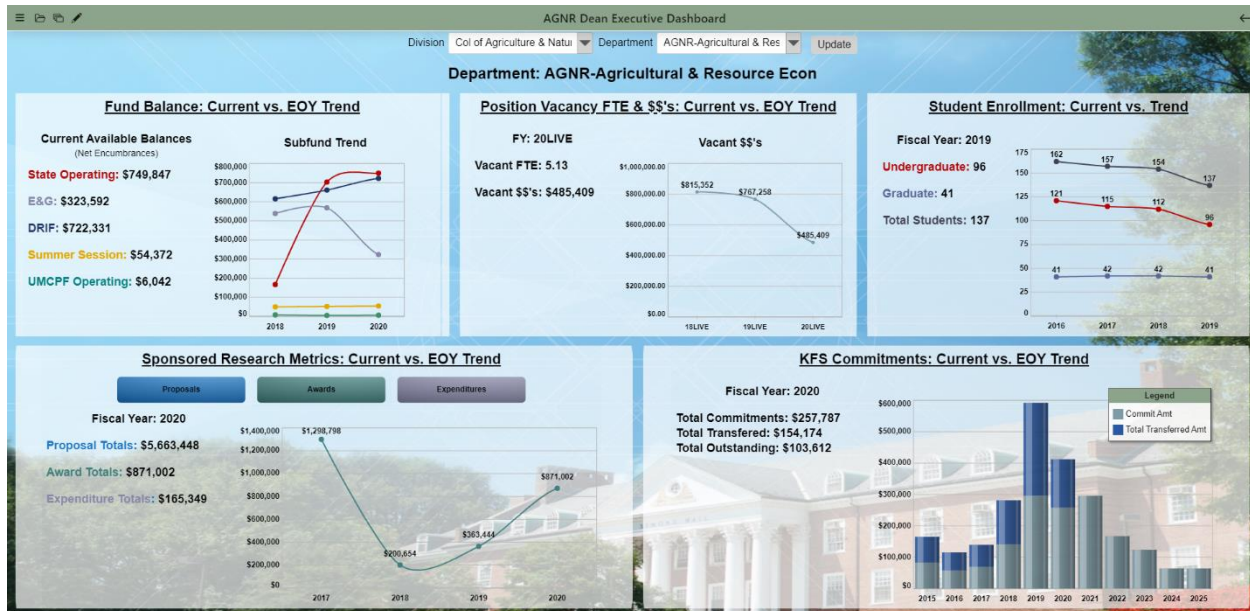2. Division
3. Department
4. Unit

Overview of Charts:

Please refer to the detailed Dozuki Purchase Orders Dashboard guide:
https://dozuki.umd.edu/Guide/UMDashboards:+Purchase+Orders+Dashboard/42

AGNR Dashboards

Financial Dashboards

AGNR Dean Executive Dashboard

Overview & Purpose:

The AGNR Dean Executive Dashboard displays five key performance indicator cards tracking: available unrestricted $$'s, vacancies, student enrollment, research metrics and outstanding and paid commitments. The purpose of the dashboard is to provide an overview of a unit's current financial, research and student related measures with links to more detailed dashboards.

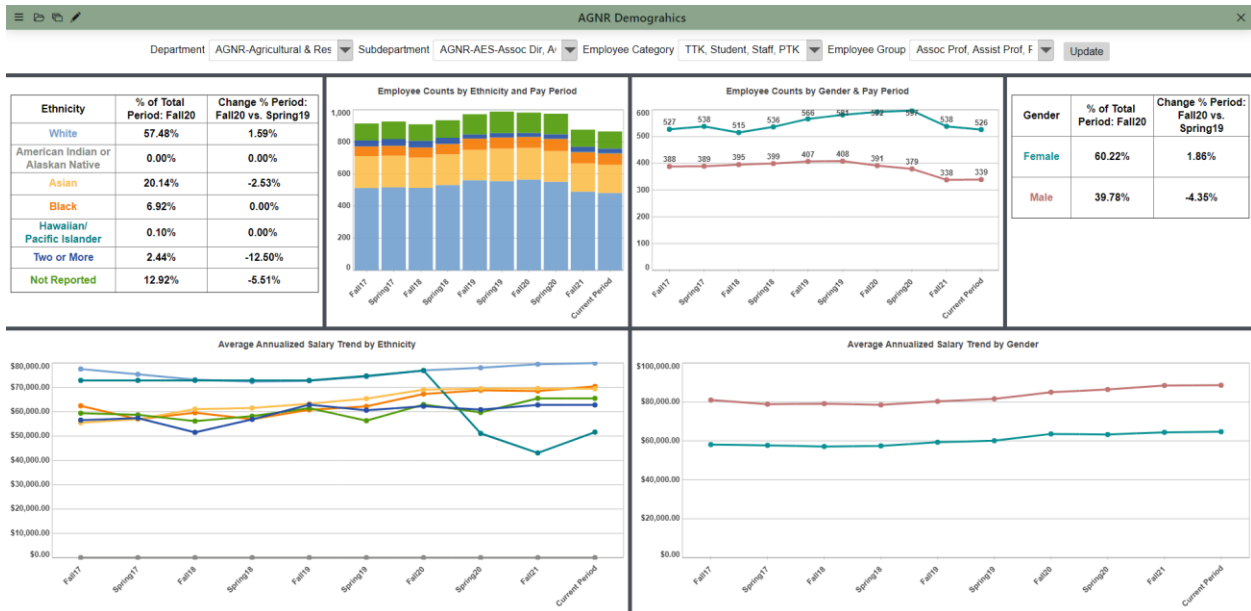## Available Filters:

1. Division
2. Department

Overview of Charts:

Chart Name	Chart Description	Drills To?
Fund Balance: Current vs EOY Trend (Presentation & Trendline)	This chart displays the projected fund balances (Current fund balance – outstanding encumbrances) for State Operating, E&G, DRIF and Summer Session accounts as well as the related foundation operating accounts in UMCPF.	UMD KFS Balance Dashboard
Position Vacancy FTE & $$'s: Current vs EOY Trend (Presentation & Trendline)	This chart displays the current vacant FTE and $$'s for the selected department as well as a 3 year trend.	UMD Personnel Dashboard
Student Enrollment: Current vs Trend (Presentation & Trendline)	This chart displays the latest available student enrollment figures by Undergrad vs Grad and trend for the selected Department	Enrollment Dashboard

Sponsored Research Metrics: Current vs EOY Trend (Presentation & Trendline)	Displays the current fiscal year proposal, awards, expenditure totals. Users can click on the Proposals, Awards or Expenditure buttons to visualize a trend by fiscal year.	Research Metrics Dashboard
KFS Commitments: Current vs EOY Trend (Presentation & Stacked Column)	Displays current fiscal year outstanding vs. transferred commitments input into the KFS Commitments system. Column chart displays historical and future trend of commitments.	AGNR Dept KFS Commitments Funding

Human Resources Dashboards

AGNR Demographics

Overview & Purpose:

The AGNR Demographics dashboard displays Ethnicity and Gender metrics by term for the selected Department(s), employee category and or groups. The dashboard also displays the average annualized salary by ethnicity and gender. Users can drill into the Ethnicity trend lines located in the bottom left of the dashboard for a list of employees by the selected term. Clicking into the gender trend line will plot the selected employee category or group's individual salaries vs their peers.
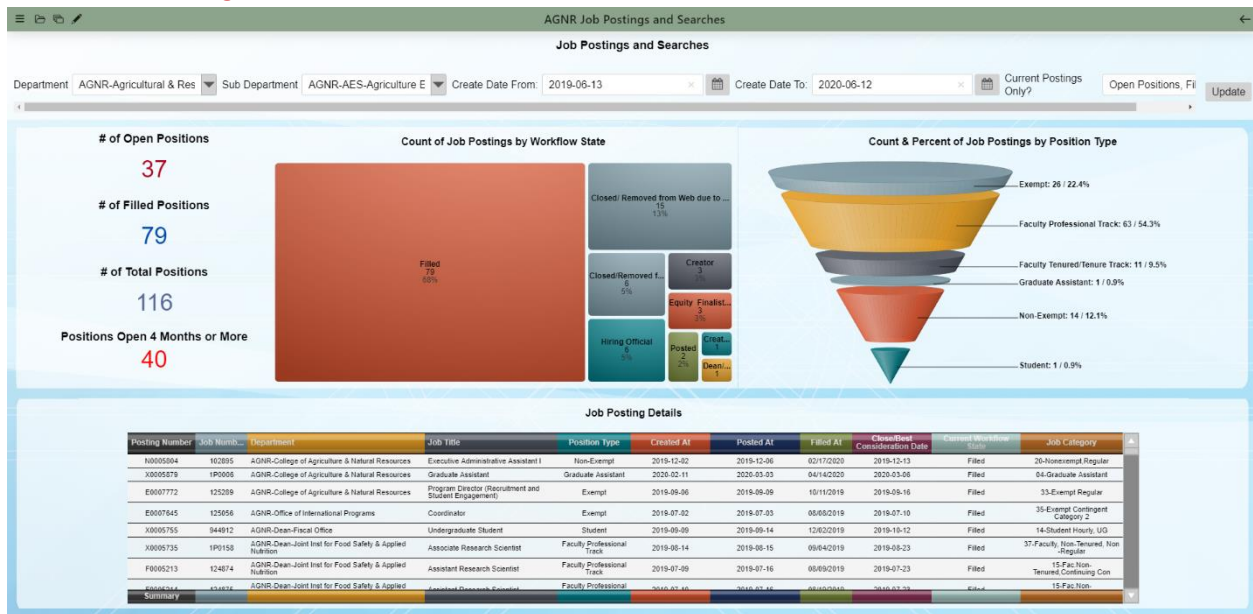
Available Filters:

1. Department
2. Sub Department
3. Employee Category
4. Employee Group

Overview of Charts:

Chart Name	Chart Description	Drills To?
Employee Ethnicity Percentages vs total and vs Prior Period (Presentation Tabular)	This chart displays the ethnicity categories percentages as a percent of the total employees within the selected filters and the percent of the current vs the prior period.	Interacts with adjacent column stack and trend charts.

Employee Counts by Ethnicity & Term (Column Stack)	Employee counts by ethnicity.	Interacts with tabular presentation charts.
Employee counts by Gender & Term (Trendline)	Employee Counts by gender over current and prior terms.	Interacts with adjacent column stack and trend charts.
Employee Gender Percent Trends (Presentation Tabular)	Displays the gender type percent vs total and change of the selected period vs the prior period within the selected filters.	Interacts with adjacent column stack and trend charts.
Average Annualized Salary Trend by Ethnicity (Trendline)	Displays average annualized salary trend by term by ethnicity.	Employee Details by Selected Period
Average Annualized Trend by Gender (Trendline)	Trend of average annualized salary by gender.	Annualized Salary Details by Employee Gender

AGNR Job Postings and Searches

Overview & Purpose:

The AGNR Job Postings and Searches visualizes the job postings by unit posted in Eterp. The purpose of the dashboard is to allow units and AGNR administration to easily identify the statuses of their job postings, count of job postings and postings by category/position. Users can monitor the date the job was created, posted and filled using the available drills and the detailed job posting information available in the bottom tabular chart.

Available Filters:
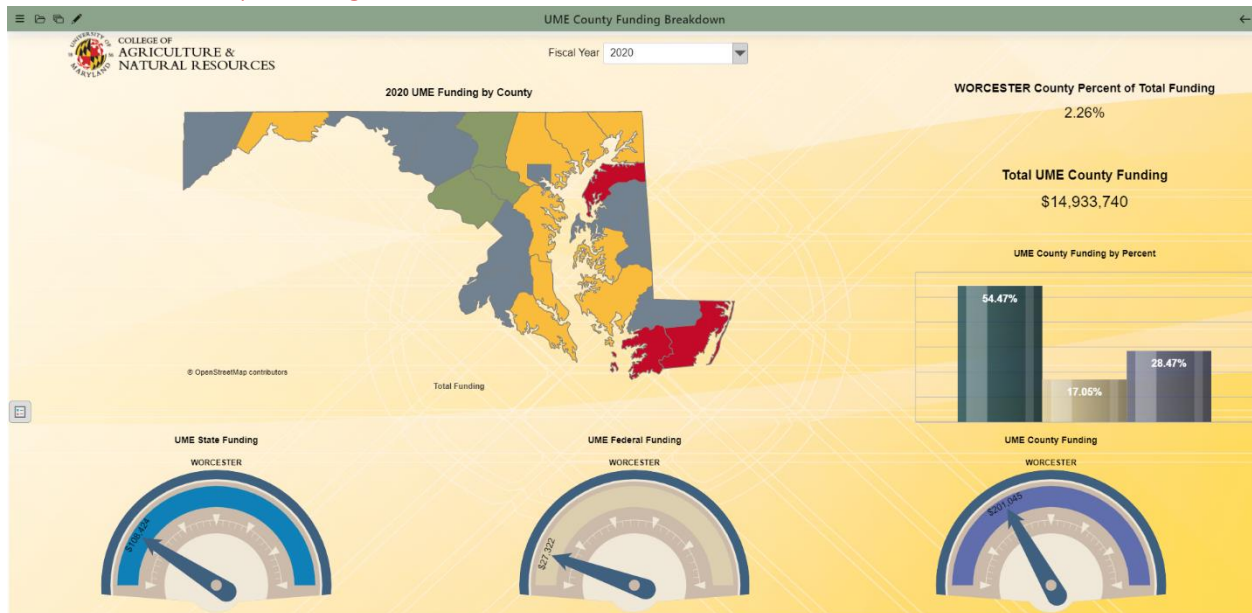
1. Department
2. Sub Department

3. Create Date From (of job posting)
4. Create Date To (of Job posting)
5. Current Postings Only?

Overview of Charts:

Chart Name	Chart Description	Drills To?
Open, Filled, Total, Positions Open 4 Months or More (Presentation)	Displays the total # of Open, Filled, Total and Positions Open 4 Months or More if applicable from Eterp for the selected department and chosen posting create date from-to dates.	Positions Open 4 Months Listing PDF Report
Count of Job Postings by Workflow State (Treemap)	Job posting counts and %'s by job posting workflow status.	Count of Filled Positions by Position Type
Count of Filled Positions by Position Type (Bar Chart)	Displays position type counts by the selected workflow status on the prior treemap chart.	Job Posting Details Position Type
Job Posting Details Position Type (Tabular)	Job posting details of the selected position chart from the above selected bar chart.	N/A
Job Posting Details (Tabular)	All job postings details for the selected filters.	N/A

Extension Dashboards

AGNR UME County Funding

Overview & Purpose:

The AGNR UME County Funding dashboard visualizes the Federal Capacity, State Operating and County funding $$'s by county for the selected fiscal year. Users can utilize this dashboard to quickly identify the $$'s and percent of funding by fund type.

Available Filters:
1. Fiscal Year

Overview of Charts:

Chart Name	Chart Description	Drills To?
UME Funding by County **(County Map)**	The map displays total funding (Federal, State and County) for the county. Hover your mouse over a specific county to change the presentation totals to the right and move the speedometers below. Click on a county to change the column chart totals in the middle right of the dashboard.	UME County Funding by Percent (pivot). Animation with other charts in Dashboard
UME State, Federal, County Funding (Speedometers)	Use the above county map to control the county figures displaying in the speedometers. State=state operating budget, Federal=capacity fund/land grant budget, County=county budget for the chosen FY.	N/A
Total Funding (County & UME) (Presentation)	Totals by county vs UME totals for the chose FY. Utilize the MD county map to change the County totals.	N/A
UME County Funding by Percent	% of County funding of the 3 major funding sources (Federal vs State vs County)	N/A

AGNR Active Master Gardeners
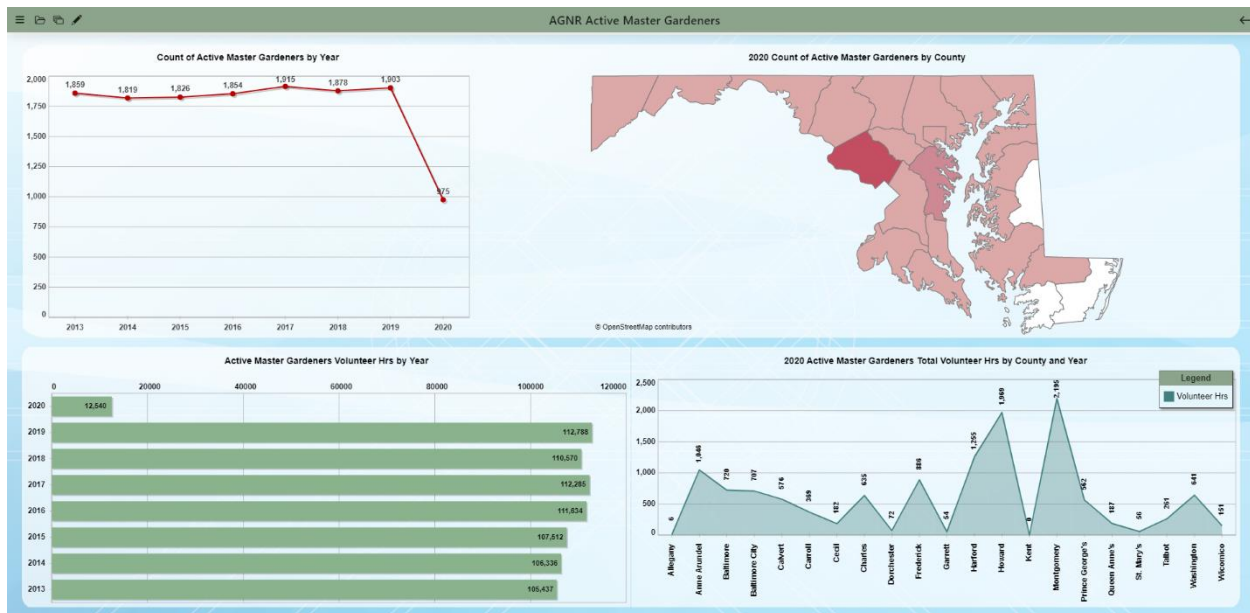
Overview & Purpose:

The AGNR Active Master Gardeners Dashboard displays the counts of the Active Master Gardeners and volunteer hours generated by calendar year and by county. The purpose of the dashboard is to track the Active Master Gardener trend.

Available Filters:
1. N/A

Overview of Charts:

Chart Name	Chart Description	Drills To?
Count of Active Master Gardeners by Year (Trendline)	Trendline count of Active Master Gardeners by calendar year	Count of Active Master Gardeners by County
Count of Active Master Gardeners by County (County Map)	Counts of Active Master Gardeners by the selected calendar year in each MD county.	N/A
Active Master Gardeners Volunteer Hrs by Year (Bar Chart)	Volunteer hour totals by calendar year produced by Active Master Gardeners.	Active Master Gardeners Total Volunteer Hrs by County and Year
Active Master Gardeners Total Volunteer Hrs by County and Year (Area Trendline)	Total volunteer hours produced by Active Master Gardeners by the selected calendar year by county.	N/A