



Missouri State University

SEM Data Retreat

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Michelle Olsen, Ben Metzger, Julie Masterson, Brad
Bodenhause, Rob Moore, Joye Norris, Scott Jones

May 20, 2021



Introduction

TAMMY JAHNKE AND ROB HORNBERGER

- Purpose
- Format of retreat
 - In-person
 - Zoom webinar
 - Recorded
- Logistics
 - Audience participation
 - Breaks, snacks, etc.
- Expectations



Topics

- Background information on enrollment data and reporting
- Headcount reports
- Student profiles reports
- Report resources for academic departments
- Enrollment indicators
- Application/Admission Reports
- Other Reports
- Graduate student enrollment
- International student enrollment
- Dual Credit student enrollment
- Student debt data
- Bear Intelligence
- Institutional Research Resources



Background to MSU Data and Reports

ROB HORNBERGER

- Types of sources
 - Production, ODS, EDW, freeze tables
- Types of reports
 - Frozen, dynamic, aggregate, student list, standard, ad hoc
- Timeframes
 - EDW events
 - Freeze table freezes (BOS, census, census 2, EOS), census standard
 - Semester
- Tools
 - Argos (web viewer)
 - [Bear Intelligence](#)
 - [Data request form](#)
- Help
 - QDUG@missouristate.edu
 - Ask the Experts (Friday's, 3pm)



Headcount Reports and Student Categories

ROB HORNBERGER

- By student
- By course
 - Teaching & class modalities
- By college/department/program
 - Prior year version
- By college/department/course
- Source, timeframe, and semester selected
- Distributed to large, manually kept email list.
- Notification sent to enrollment management blog

Review categories on reports



Student Profile Reports

ROB HORNBERGER

- FTNIC
 - FTNIC by high school
- Transfers
- Transfers by institution
- Undergraduate
 - By college/department
 - First generation
 - First gen by coll/dept
- Graduate
- Underrepresented
- Military
 - Military-affiliated
 - Veteran
 - Dependent
- Non-traditional



Report Resources for Academic Departments

ROB HORNBERGER

Summative Reports

- Course Availability & Enrollment Comparison
- Course Demand
- Headcount Comparison Enrollment by Course
- New General Education Course Availability
- Section Demand

Comprehensive Reports

- Course Check by Program
- Course Check for Minors
- Enrollment by Section
- Waitlisted Students by Section

<https://www.missouristate.edu/EnrollmentManagement/DepartmentReports.htm>



Enrollment Indicators

ROB HORNBERGER

Factors

- Point in time
- Time of year
- Different systems and reports
- Different processes
- Enhancements
 - Trend analysis
 - Automated
 - Ubiquitous

Indicators

- Registrations
- Applications & admitted students
- Enrollment deposits
- Housing contracts
- SOAR reservations
- FAFSAs
- Scholarship acceptances



Other Reports

ROB HORNBERGER

- Net revenue
- Enrollment cube
- Student Tracker
 - Current last semester not this semester
 - Admitted, didn't enroll

Missouri State UNIVERSITY Headcount Enrollment and Credit Hour Production
by Student Classifications & Demographics

[Help](#) [Return to Main Page](#)

Report Time-Frame(s): Spring 2021 2nd Block Census
(Hit shift or control to select multiple)

College:

Department:

All Departments

Student Level: (ALL LEVELS)

Exclude students NOT reported to IPEDS**
 Include tracking course credit hours
 Only Include Dual Enroll Students

Get Results

Please be patient, this query can take a few moments to execute.

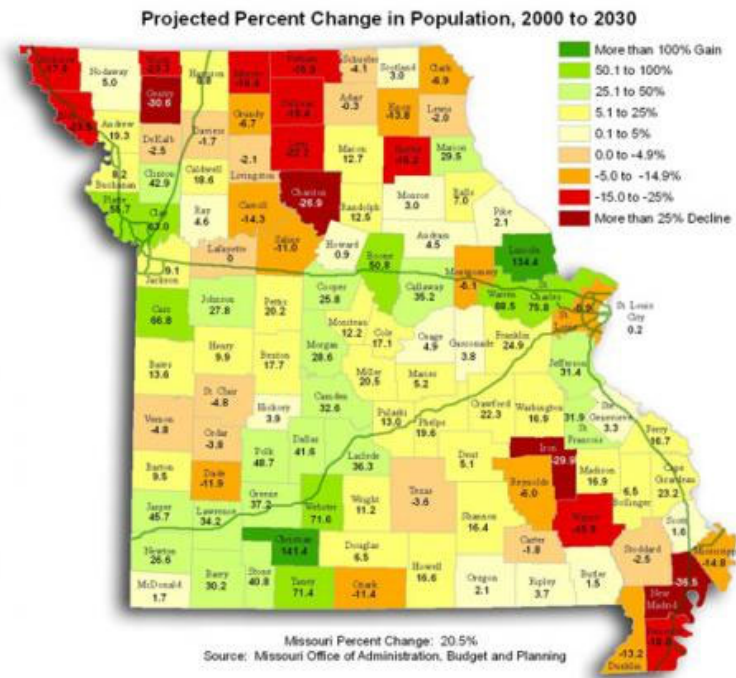
****IPEDS reporting excludes students taking courses exclusively in the ELI program, Study Away program, at the Dalian China campus and exclusive auditors.**
Note: Click on the ruler icon to display average ACT Composite, average ACT Math, and average ACT English scores.
The count of students taking each test is also provided.



Admission Data and Reports

TERESA HANEY AND BEN METZGER

- Introduction
 - Data sources information
 - Implementation of new CRM
 - Territory management reports with Slate
 - Populations trends
 - Number of HS graduate in MO will *slightly* increase until 2025 and then quick decline
 - Graduating classes are becoming much more diverse
 - STL area very steady (decline in some areas and growth in others)





Standard Admission Reports

ROB HORNBERGER


Missouri State
 UNIVERSITY
 Date of Report: 5/10/2021
 Data as of : 5/8/2021
 Data, prior year : 5/2/2020

UNDERGRADUATE ADMISSIONS UPDATE
 New Student Admissions Report - Fall 2021

Fall 2021
 05/08/2021 - 36 16 Weeks before Classes
 Page 1

- The metrics we review weekly
 - FTNICs and transfers
 - Ethnicity
 - Geographic Area
 - Apps and admits
 - Enrollment deposits

	Apps					Admits					Denied					Incomplete				
	2019	2020	2021	DIF	%Var	2019	2020	2021	DIF	%Var	2019	2020	2021	DIF	%Var	2019	2020	2021	%Var	
Freshman Total	8,529	11,195	11,247	52	0%	6,314	7,648	8464	816	11%	885	1,211	539	-672	-55%	1,223	2,008	1,993	-1%	
Current Year Applications as a percentage of previous year's total																				
Percent of last year's applications			92%	Percent of last year's admits			104%													
Race Ethnicity																				
<i>African American</i>	819	1,386	1,194	-192	-14%	339	575	641	66	11%	240	350	112	-238	-68%	226	429	418	-3%	
<i>American Indian</i>	34	40	31	-9	-23%	19	22	19	-3	-14%	8	6	4	-2	-33%	7	13	8	-38%	
<i>Asian</i>	146	256	313	57	22%	110	185	260	75	41%	13	21	10	-11	-52%	22	47	39	-17%	
<i>Hispanic</i>	537	881	855	-26	-3%	331	478	570	92	19%	69	146	40	-106	-73%	125	225	222	-1%	
<i>More than one</i>	385	526	502	-24	-5%	256	334	354	20	6%	52	66	24	-42	-64%	69	111	109	-2%	
<i>Pacific Islander</i>	5	17	39	22	129%	3	8	28	20	250%	2	1	2	1	100%	0	8	9	13%	
<i>White</i>	6,568	8,026	8,213	187	2%	5,229	6,010	6524	514	9%	498	615	346	-269	-44%	709	1,159	1,164	0%	
<i>Unknown</i>	35	63	100	37	59%	27	36	68	32	89%	3	6	1	-5	-83%	5	16	24	50%	
Missouri Applicants																				
MO Apps	6,904	8,058	7,784	-274	-3%	5,152	5,728	5997	269	5%	760	760	438	-474	-52%	918	1,197	1,206	1%	
Geo Origin																				
OOS Total	1,513	3,049	3,334	285	9%	1,095	1,866	2375	509	27%	108	291	99	-192	-66%	279	788	758	-4%	
<i>Arkansas</i>	193	389	263	-126	-32%	146	226	177	-49	-22%	5	28	7	-21	-75%	37	121	66	-45%	
<i>Illinois</i>	583	978	1,063	85	9%	438	623	788	165	26%	55	132	53	-79	-60%	82	198	197	-1%	
<i>Kansas</i>	175	285	244	-41	-14%	122	203	187	-16	-8%	4	16	6	-10	-63%	46	54	40	-26%	
<i>Minnesota</i>	20	37	53	16	43%	13	23	35	12	52%	4	3	0	-3	-100%	3	9	16	78%	
<i>Tennessee</i>	19	66	83	17	26%	13	32	64	32	100%	2	4	5	1	25%	2	28	11	-61%	
<i>Texas</i>	115	262	271	9	3%	81	178	203	25	14%	8	15	1	-14	-93%	19	61	55	-10%	
<i>Wisconsin</i>	19	37	72	35	95%	14	22	55	33	150%	0	3	1	-2	-67%	4	12	16	33%	
<i>Other States</i>	389	995	1,285	290	29%	268	559	866	307	55%	30	90	26	-64	-71%	86	305	357	17%	



Other Reports and Resources Available

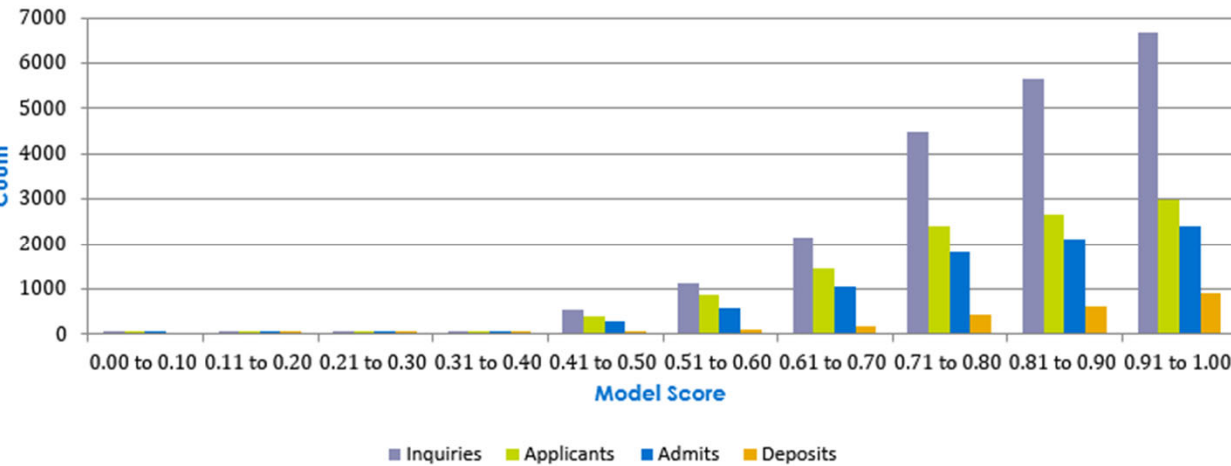
BEN METZGER AND TERESA HANEY

- Ad hoc requests
 - Reports to support college/department recruitment
 - Applicants by academic program
 - JumpStart, Honors College, Multicultural
 - Scholarship programs
- RNL Partnership
 - Services provided from membership
 - Predictive modeling scoring
 - Prospective students by county



RNL Predictive Modeling Reports

Funnel Flags by Model Score



RNL DATA EXAMPLES

Missouri State University Scoring Snapshot - County Analysis

County	4/28/2021				Avg. MS
	Inq	App	Adm	Dep	
Saint Louis, MO (29189)	2490	1412	1145	284	0.84
Saint Charles, MO (29183)	1283	720	600	159	0.86
Greene, MO (29077)	1273	670	551	251	0.97
Jackson, MO (29095)	1160	527	354	107	0.81
Clay, MO (29047)	626	317	237	66	0.83
Jefferson, MO (29099)	513	273	209	62	0.85
Christian, MO (29043)	469	233	198	99	0.96
Jasper, MO (29097)	389	171	131	47	0.87
Boone, MO (29019)	362	140	102	17	0.85
Cook, IL (17031)	337	223	126	7	0.63
Franklin, MO (29071)	315	155	118	36	0.86
Saint Louis City, MO (29510)	264	176	127	25	0.79



Grad College Enrollment Management

JULIE MASTERSON

- Start an application (students)
 - Response to RFI (track response in EMP... move from inquiry to in progress?)
 - MSU Undergrads (Argos reports re GPA, Hours earned, Relevant grad program)
 - Program Specific (Argos undergrad report; Alumni reports)
- Submit application (students)
 - EMP *In Progress* messaging (EMP statistics on open and click rates)
 - Many programs have additional messaging
 - WebAdmit data on abandoned vs. submitted
 - Weekly Argos reports on Admits (by program, college) compared to previous year
- Make an admission decision (programs)
 - Bi-weekly reminders of applications ready for decision
 - Working on Time to Decision metrics
- Enroll in classes (students)
 - EMP messaging for continuing and new... devising a way to directly monitor effects
 - Weekly Argos reports on Registration (by program, college) compared to previous year point in time and census
 - Yield (new students); Retention (continuing students) metrics
- Summary data (Dean and Provost)
 - Headcount
 - Awards
 - 6-year graduation rate
 - Fall to Fall retention



International Student Enrollment

BRAD BODENHAUSEN

- Key Categories of International Enrollment
 - FTNICs
 - Transfer (General and from China Campus)
 - Cohorts (EMBA and Customized Programs)
 - Students in China
 - Online Students Abroad
 - Graduate
- Internal Data
 - Argos reports on Registration (compared to previous year point-in-time and census)
 - Applications (started, in progress, completed)
 - Admits (by level, program, and geographic location)
- External Data (to update strategy)
 - U.S. Commercial Service
 - Education USA
 - IIE *Open Doors* annual report
 - NAFSA reports
 - *ICEF Monitor*
- External Data (to forecast yield)
 - Visa appointments / SEVIS fees
 - Travel plans and restrictions
 - Partner university reports
 - Agent and in-country coordinator reports



Dual Credit Enrollment

JOYE NORRIS AND SCOTT JONES

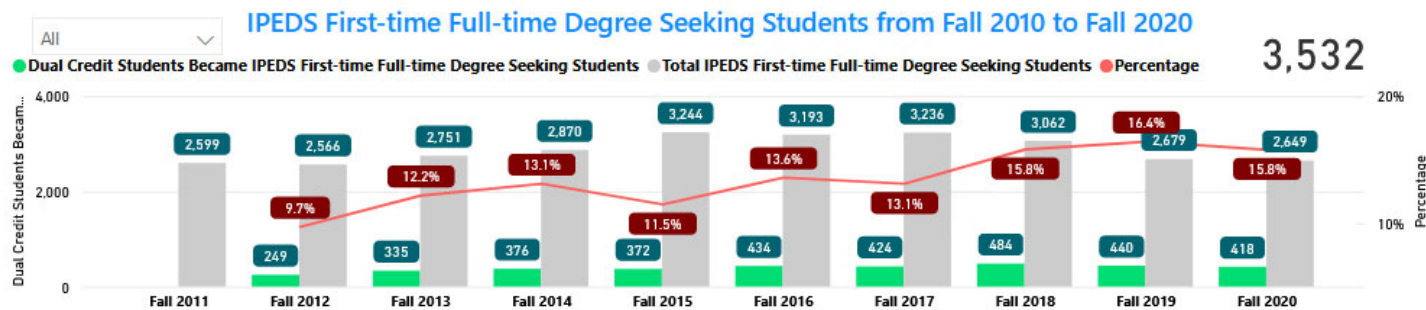
Dual credit courses are college-level courses in which eligible high school students register into while completing the course in high school. This allows the student to earn both high school and college credit concurrently for the same course. Dual Credit courses are typically taught by high school instructors that have been approved by the University (adjunct instructors) and are usually taught at the high school or in the district.

- ❖ **88.8% of high schools offer post secondary courses for students**
- ❖ **34% of students take post-secondary courses while in high school**
- ❖ **70% of students entering MSU have already earned college credit**
 - On average, MSU students have earned 15+ pre-college credit hours
- ❖ **70+% savings compared to the cost of college tuition**
 - No extra fees are added to the cost of the courses
 - 2 scholarships are available to MSU dual credit students
- ❖ **Research regarding dual credit students:**
 - Students who participate in dual credit are more likely to graduate from HS
 - Students with dual credit are more likely to attend and be successful in college
 - Students with dual credit have a higher post-secondary GPA
 1. lower rates of remediation
 2. higher degree and attainment rates



Impact of Dual Credit Enrollment

- 1. The dual credit program is the first touch that many students and parents have with Missouri State University and provides a pathway for student recruitment.**
 - a. Helps students to become familiar with MSU and become part of the Bear family
 - b. Students are building a MSU transcript
 - c. Parents see the support MSU is providing for their sons and/or daughters
- 2. Dual credit enrollment headcount is added to the University Census count**
 - a. Dual credit generates over 20,000 credit hours each academic year
 - b. Since fall 2011 over 157,000 dual credit hours have been awarded





Dual Credit Enrollment

Fall 2020-Spring 2021 (Census 1 Data)

Partnering Schools: 160

Active Dual Credit Instructors: 420+

Number of Unduplicated Courses Offered: 81

General Education Courses: 32

Program Specific Courses: 39

Elective Courses: 10

Student Headcount: 4,614 (total unduplicated)

FA20 Census 1 (students: 3,967, credits 16,310)

SP21 Census 1 (students: 3,256, credits 5,074; *currently 7,047 credits*)

FRL Students: 476 (1,836 credit hours)

Credit Hours Produced: 21,384

Dual credit scholarships:

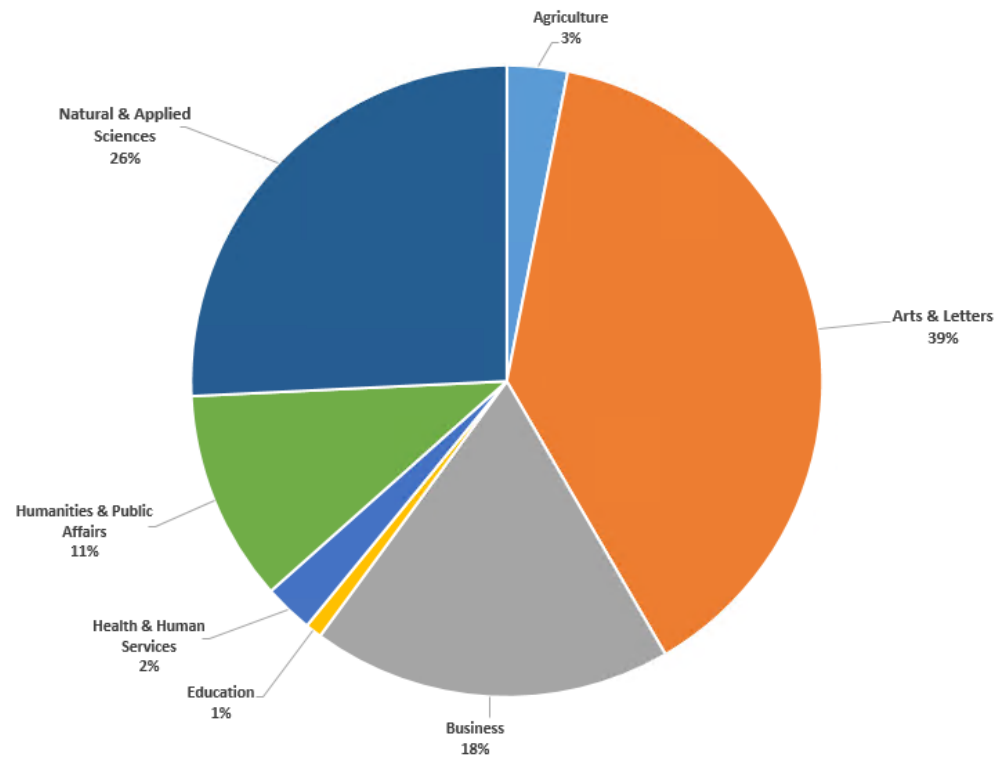
FRL (Free Reduced Lunch; up to 6 credit hours/term)

Advantage (\$1,000 one time, upon enrollment to MSU)



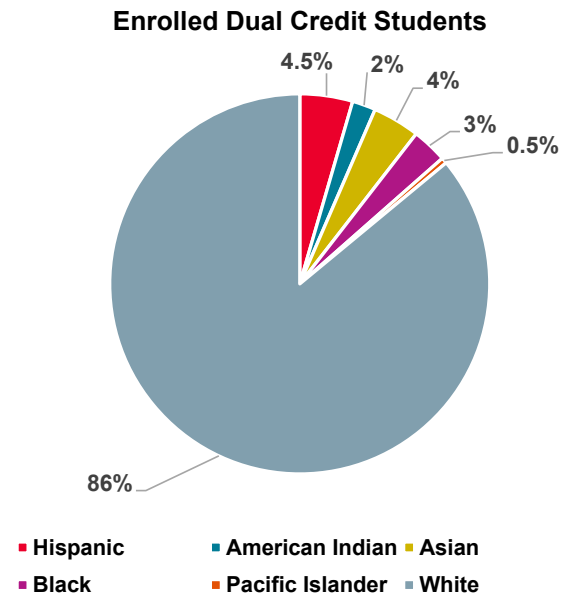
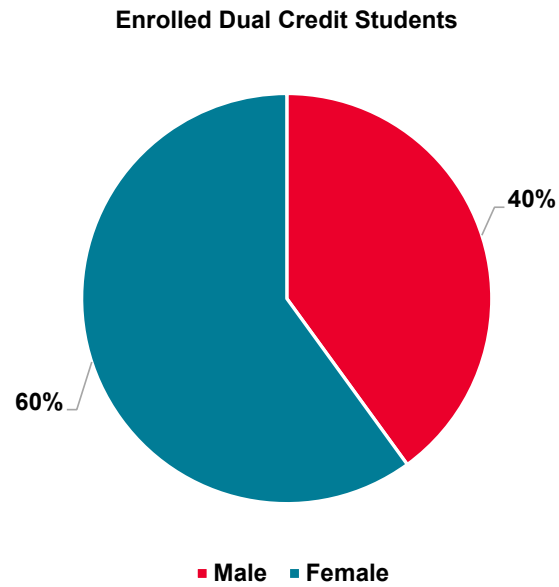
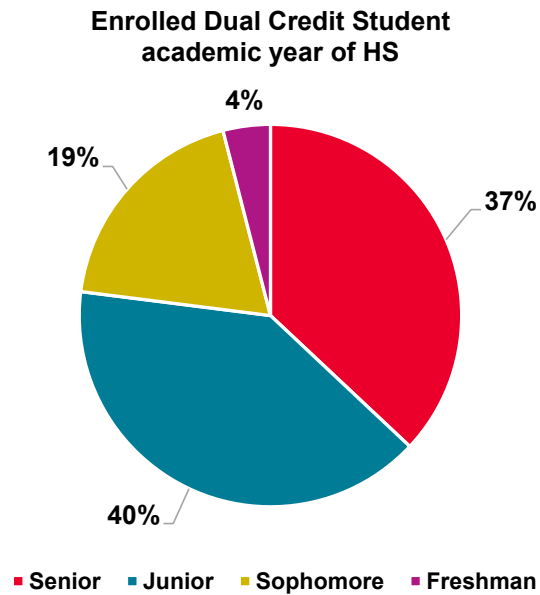
Dual Credit Distribution

DUAL CREDIT HOURS PRODUCED BY COLLEGE
FALL 2020/2021 TERMS



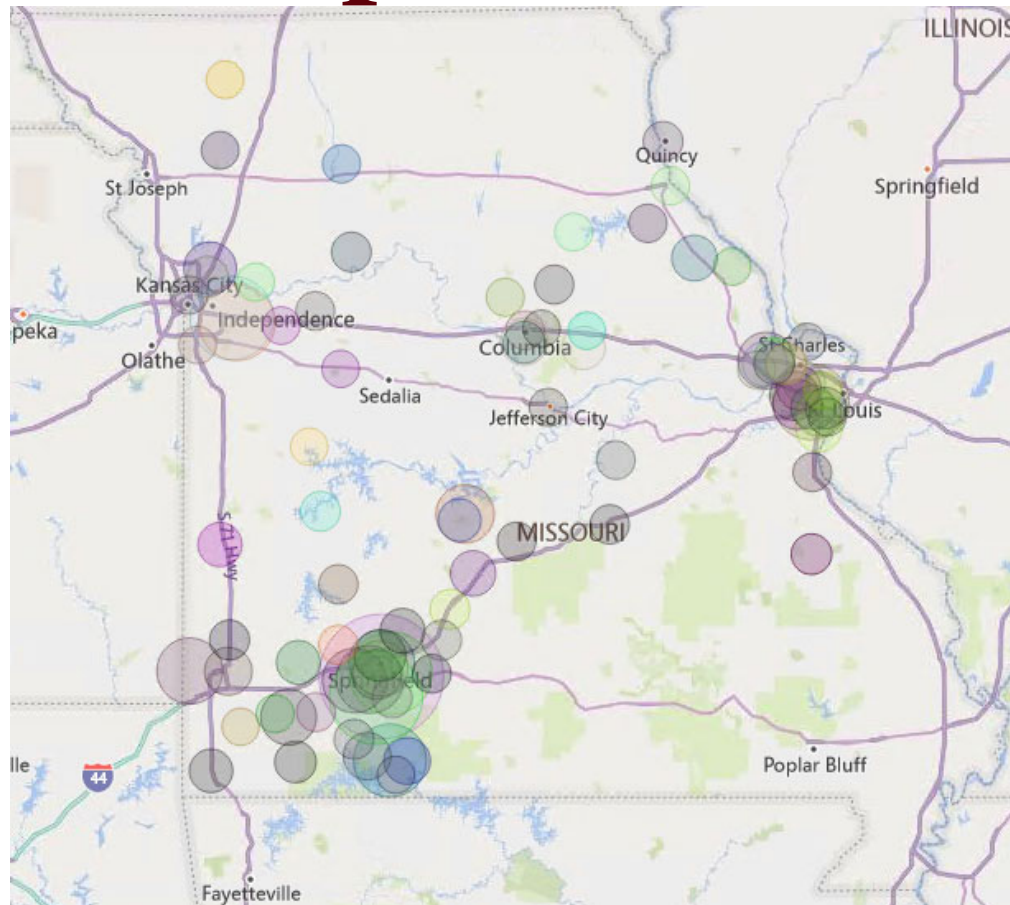


Dual Credit Distribution





Dual Credit Map





Dual Credit Sustainability

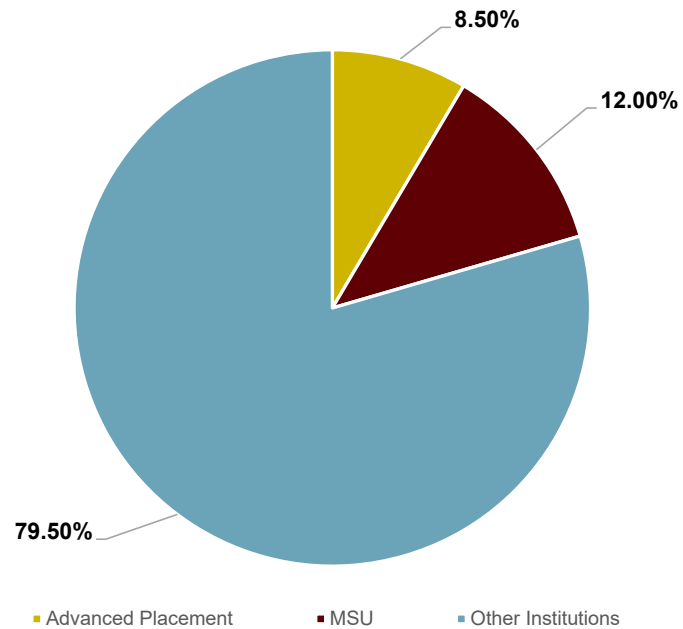
FTNIC Report Data- amount of college credit first time-New in college students are bringing in from other institutions

- 7,708 courses transferred from other institutions
- 55.95% bringing college credit from other institutions
- 22,147 credit hours brought in from other intuitions

Question:

What can be done to capture those students and credit hours being brought in from other institutions?

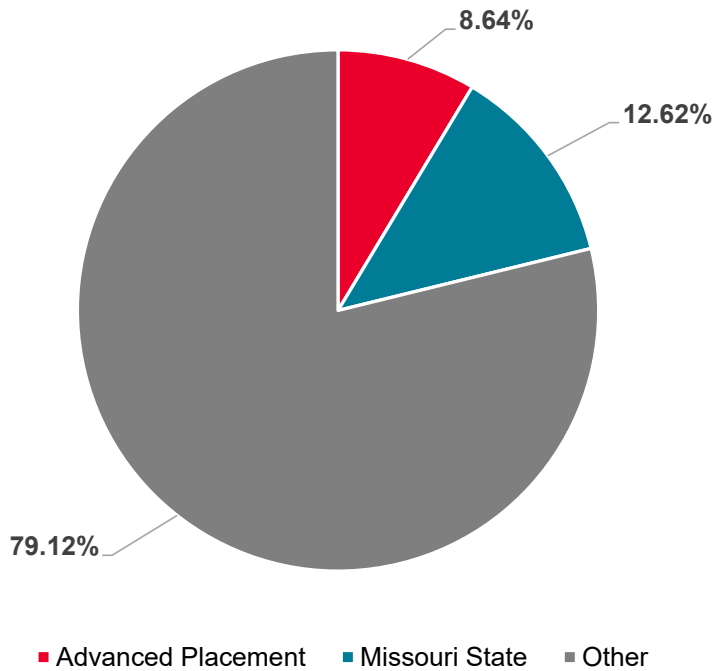
Students bringing in College Credit





Dual Credit Sustainability

FTNIC Reported Dual Credit Courses



FA20 FTNIC Report	Course Count	Advanced Placement	Missouri State	Other institutions	Advanced Placement	Missouri State	Other institutions
BIO101	203	34	34	137	16.59%	16.59%	66.83%
BIO111	187	34	34	121	17.99%	17.99%	64.02%
CHM116	115	11	56	48	9.57%	48.70%	41.74%
CHM160	131	5	23	104	3.79%	17.42%	78.79%
COM115	401	0	30	371	0.00%	7.48%	92.52%
ENG110	1,031	76	167	797	7.31%	16.06%	76.63%
ENG200	131	0	54	77	0.00%	41.22%	58.78%
ENG210	564	23	96	446	4.07%	16.99%	78.94%
FIN150	138	0	106	32	0.00%	76.81%	23.19%
HST121	360	36	22	302	10.00%	6.11%	83.89%
HST122	327	35	12	280	10.70%	3.67%	85.63%
MTH136	769	0	49	720	0.00%	6.37%	93.63%
MTH137	118	0	12	106	0.00%	10.17%	89.83%
MTH138	138	0	1	137	0.00%	0.72%	99.28%
MTH261	154	49	2	109	30.63%	1.25%	68.13%
PHY123	44	6	16	22	13.64%	36.36%	50.00%
PLS101	368	115	5	249	31.17%	1.36%	67.48%
PSY121	479	75	1	403	15.66%	0.21%	84.13%
SPN101	199	9	20	170	4.52%	10.05%	85.43%
SPN102	145	9	15	122	6.16%	10.27%	83.56%
SPN201	75	8	12	55	10.67%	16.00%	73.33%
	6077	525	767	4808			
		8.64%	12.62%	79.12%			

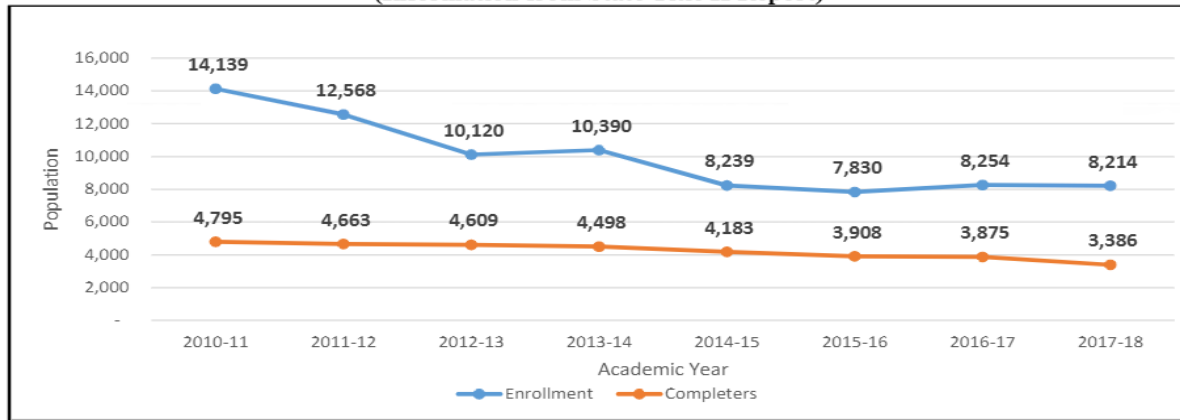


Dual Credit Sustainability

Teacher Shortages- 2019-20 data from DESE

- the percentage of teachers who remained in the classroom three years after their first year of teaching was 64.1 percent.
- the percentage of teachers who remained in the classroom five years after their first year of teaching was 48.0 percent.

(Information from State Title II Report)



Years of Experience 2014 – 2020

YEARS OF EXPERIENCE	2014 - 15	2015 - 16	2016 - 17	2017 - 18	2018 - 19	2019 - 20
0-5	25.8%	26.7%	27.6%	31.5%	31.3%	31.3%
6-10	22.4%	21.4%	20.3%	18.8%	18.6%	18.6%
11-15	18.4%	17.9%	17.9%	16.6%	16.7%	16.8%
16-20	14.7%	15.2%	15.7%	15.1%	15.1%	15.1%
21+	18.3%	18.3%	18.7%	18.0%	18.3%	18.4%

Average Age of Teachers 2014 – 2020

AGE GROUP	2014 - 15	2015 - 16	2016 - 17	2017 - 18	2018 - 19	2019 - 20
20-29	15.5%	15.6%	15.8%	15.7%	15.6%	18.1%
30-39	30.9%	30.9%	30.5%	30.4%	30.4%	30.2%
40-49	27.6%	27.8%	28.6%	28.9%	29.5%	29.3%
50-59	19.2%	19.0%	18.6%	18.8%	19.2%	17.7%
60+	6.8%	6.7%	6.5%	6.4%	6.3%	5.1%



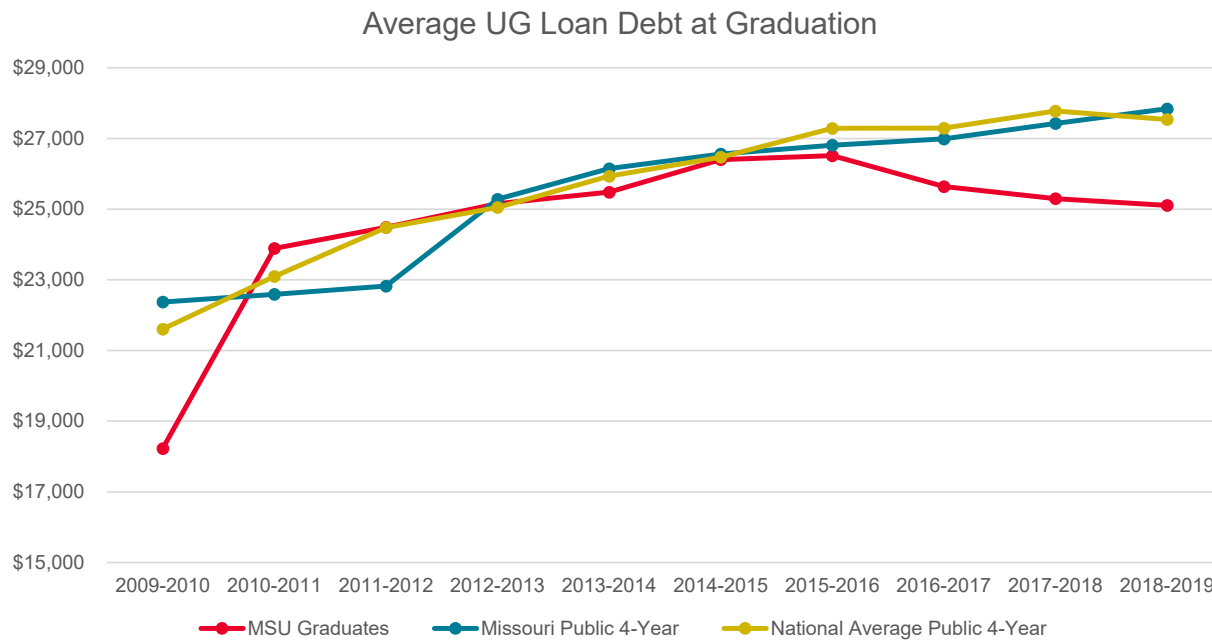
Student Loan Debt

ROB MOORE

- The Office of Student Financial Aid can provide aggregate data reports on student borrowing habits upon request.
 - Average debt at graduation
 - Along racial/ethnic identities
 - Pell grant eligibility
 - Correlation to U.S. national poverty level
 - First-generation status
 - Other criteria upon request



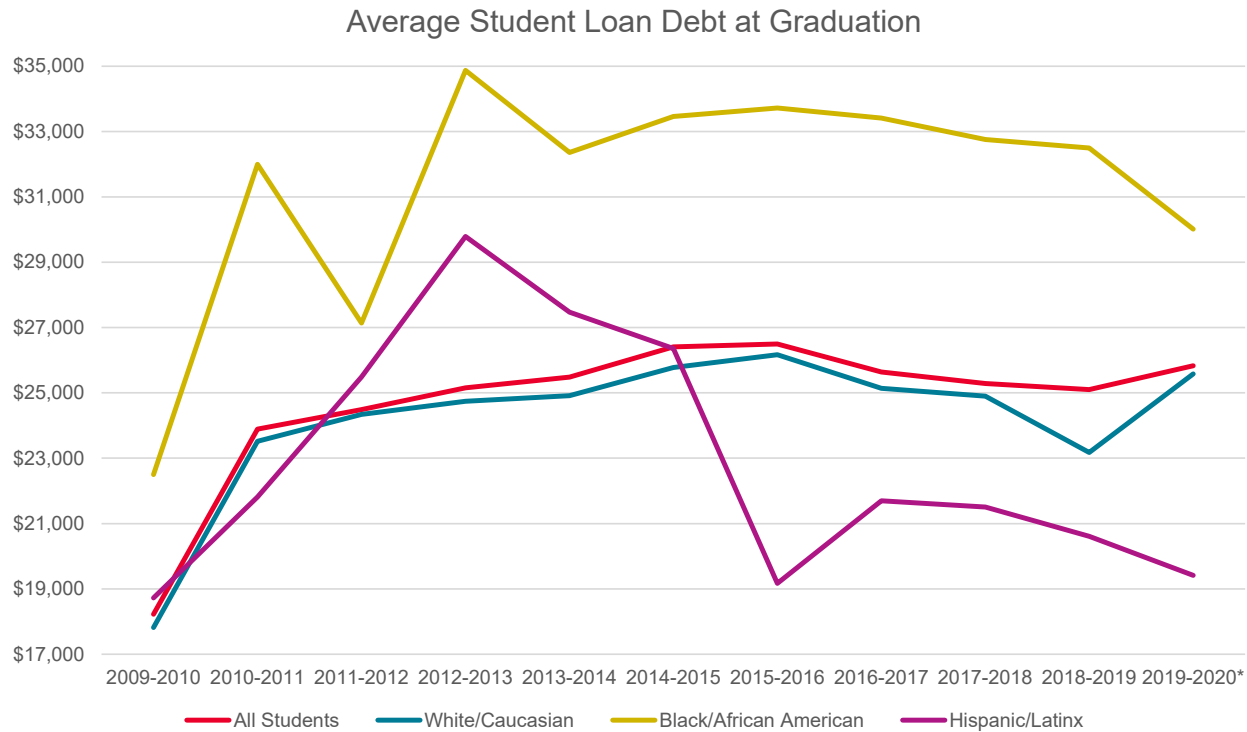
Average Student Debt at Graduation





Average Loan Debt by Student Group

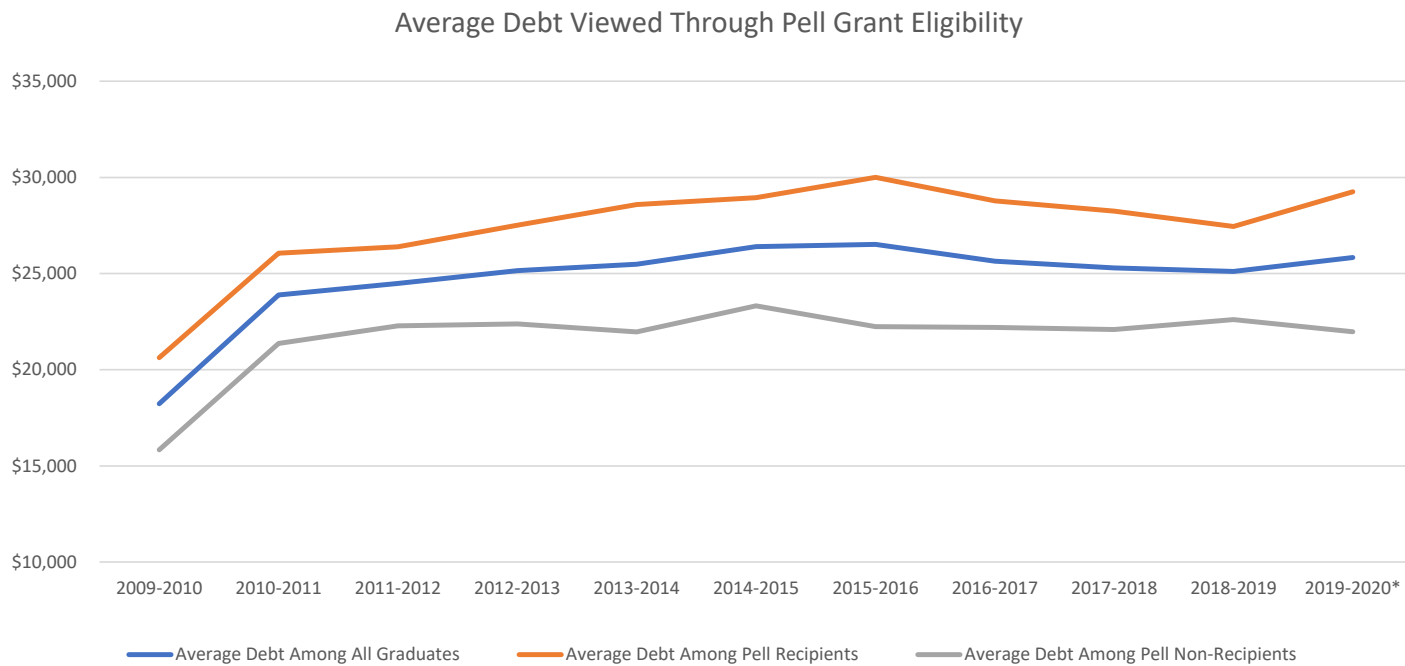
RACIAL AND ETHNIC LENS





Average Loan Debt by Student Group

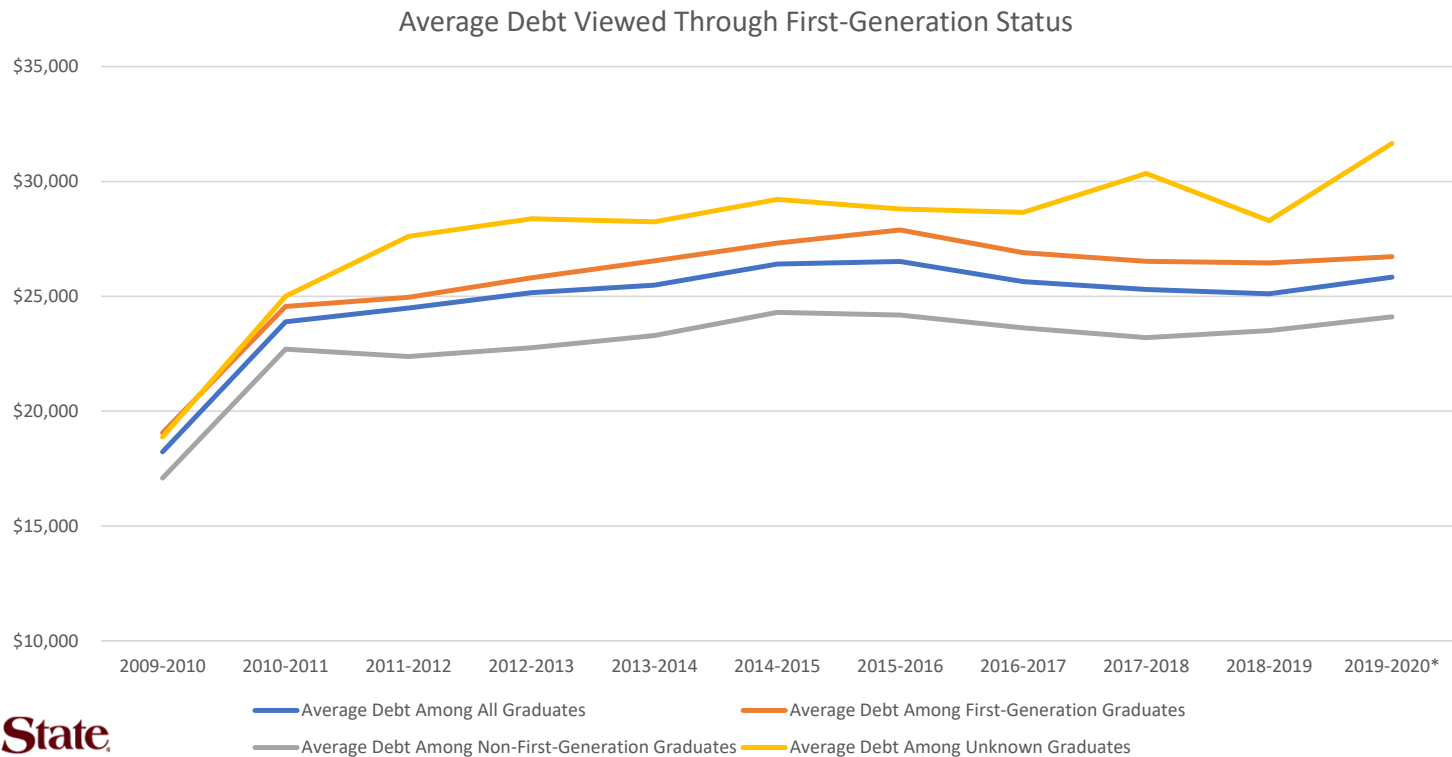
PELL GRANT ELIGIBILITY





Average Loan Debt by Student Group

FIRST-GENERATION STATUS



III Institutional Research Resources / Retention and Graduation Data

ROB HORNBERGER, MICHELLE OLSEN, KELLY WOOD

- Enrollment Management vs. Institutional Research reports
 - IPEDS reporting – excludes students taking courses exclusively in the ELI program, Study Away program, at the Dalian China campus and exclusive auditors.
 - Tracking classes (e.g., enrolled at another school but financial aid at MSU, access to campus resources)
- Retention and Graduation reports
- Provost Dashboards
- Bear Stats
- Fact Book
- AIM Dashboard
- IPEDS and other outside data source submissions

**Carefully Crafted
By The Office of Institutional Research**

Dr. Michelle D. Olsen, Director

For
MSU's SEM Team

May 20, 2021
Retreat

— What we do —

— Multi-purpose Presentation —



1977 US DOE

1997 OMB revised standards

2007 US DOE published final guidance aligned with OMB standards

Federal Register, Vol. 72, No. 202, 10/19/2008

Report **Requirement** beginning with the **2010-2011** school year

- Self identify
- Select more than one race and/or ethnicity



1870s
Hecla, Montana School
National Archives

Race - biological/Ethnicity - cultural

2. Then asked to indicate all races that apply among the following:

- American Indian
- Asian
- Black or African American
- Native Hawaiian or other Pacific Islander
- White
- Choose one or more

1. Individuals are first asked to designate **ethnicity** as

Not Hispanic/Latino

Hispanic/Latino

Cuban

Mexican

Puerto Rican

South or Central American

other Spanish or origin regardless of race

Unknown

Non-resident Alien

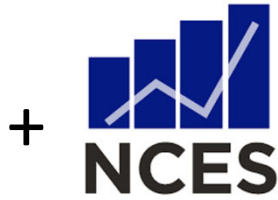
Male/Female/Unknown

Collection and reporting of race/ethnicity and gender data on students and completers are **mandatory**

<https://surveys.nces.ed.gov/IPEDS/ViewContent.aspx?contentId=18>



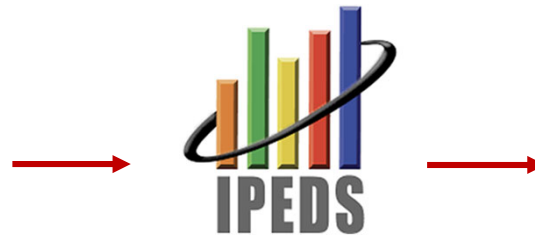
— Common Language for Comparability —



- Make comparisons
- Analyze & describe trends
- # of students enrolled
- # of Faculty
- \$ expended
- Degrees awarded

Built Around a Series of Interrelated Surveys

- Admissions
- Enrollment
- Degrees conferred
- Retention/Persistence
- HR/Finance/Libraries



Forms the NCES Sampling Frame for the...

- Natl PS Student Aid Study
- Natl Survey of PS Faculty

States use NCES data to...

- Set policy
- Make comparisons
- Mandate state reporting
- Establish funding

Students and Parents

NATIONAL CENTER FOR
EDUCATION STATISTICS

COLLEGE Navigator

Other Users Include:

- Congress
- Federal agencies
- State governments
- Education providers
- Professional associations
- Scholarship providers
- Private business
- Media
- Common Data Set (CDS)

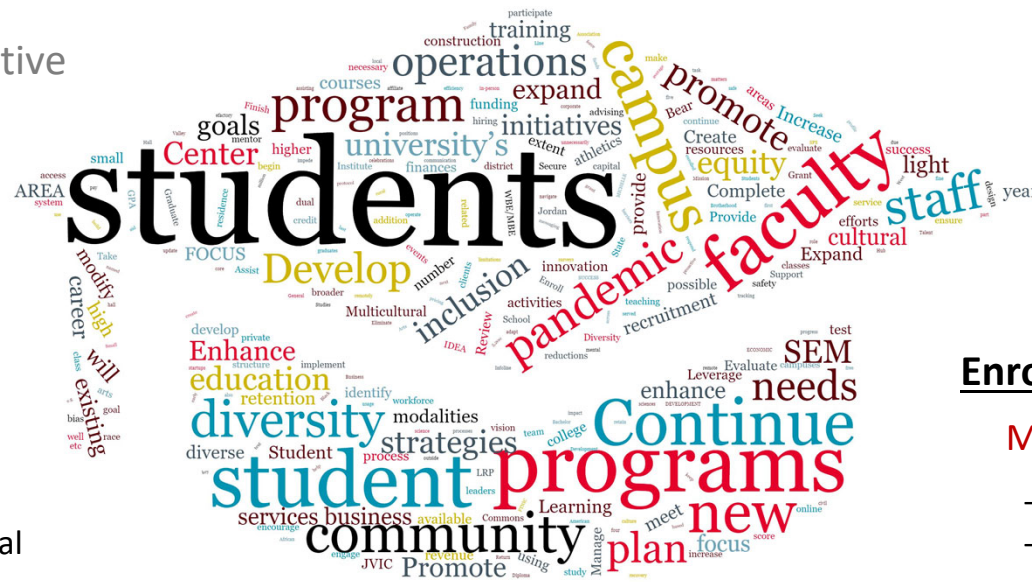


Accountability

— Attracting, Retaining, and Graduating Good Students —



Qualitative



Institutional Research

IR's Expertise/Focus

- MSU
- Administrative/Institutional
- Academic/Professional
- Postsecondary Education
- Relationships to society
- Knowledge Manager
- Internal/External Information

Enrollment Management

Marketing

- Conceptual goals
- Effectiveness of Processes
- Pipeline
- Student Experiences

Institutional Research (IR) (OIR)

Provide descriptive data designed to inform

Planning
Policy
Decision making



Research in IR has a broad meaning, for example...

Action Research

- How many sections of a specified course are being of **Applied Research**
- By what amount should tuition rates be increased to produce a target amount of tuition income?
- Is attrition a problem on our campus? **Evaluation**
- Are degree outcomes what the stated purpose of our programs suggest? **Judgement**
- What are the potential demand of our programs for society and our workforce?

“One Click” to more Efficient and Effective Reporting

IPEDS FALL COLLECTION

IPEDS 12 Month Enrollment Fiscal Year 2020

IPEDS 12 Month

27,088

Total 12 Month Headcount

IPEDS 12 Month

17,290

Total 12 Month FTE

Under the Hood...

- Unduplicated head count
- Total Credit Hours/College
- IPEDS 12-Month FTE
- Gender
- Race/Ethnicity
- Undergraduate
- Graduate

12-month Enrollment (E12)

Fiscal Year 2021 - Including 2020 Summer, 2020 Fall, and 2021 Spring

- Captures students enrolled during a 12-month period
- Is described as the “unduplicated” count because students are counted once by the institution in a 12-month period¹



"One Click" to more Efficient and Effective Reporting Continued...

IPEDS WINTER COLLECTION

IPEDS Admission Fall 2020

IPEDS
Integrated Postsecondary Education Data System
Admissions

Gender

19 Act Math Percentile 25th

26 Act Math Percentile 75th

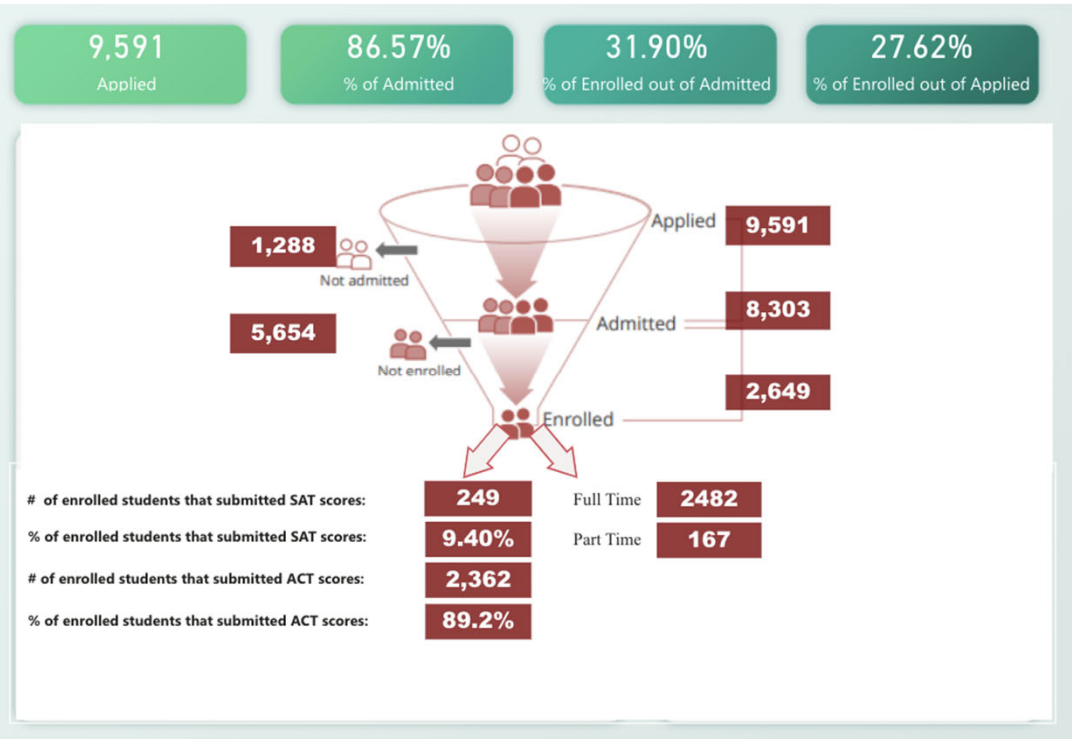
21 Act English Percentile 25th

27 Act English Percentile 75th

21 Act Comp Percentile 25th

27 Act Comp Percentile 75th

520 SAT Math Percentile 25th



Under the Hood...

- Gender



“One Click” to more Efficient and Effective Reporting Continued...

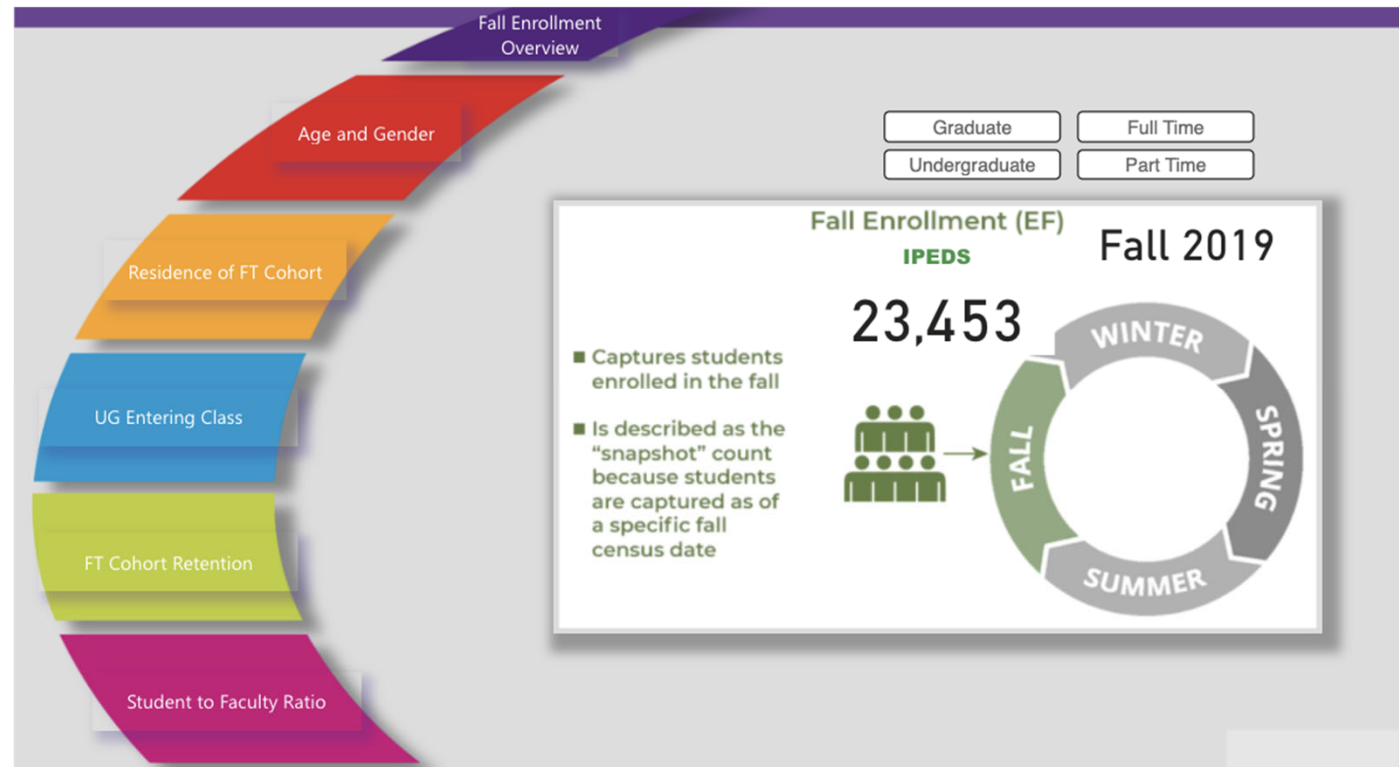
IPEDS SPRING COLLECTION

IPEDS Fall Enrollment Fall 2020

Under the Hood...

CENSUS DATA including

- Head Count
- Gender
- Race/Ethnicity
- Undergraduate FT/PT
- Graduate FT/PT



— Trickle Down From The Top —

Education Committee



State Legislature - **Mandates**

Governor



Performance Measures/Funding

MDHEWD - establishes reporting protocols

Board of Governors

President



Provost

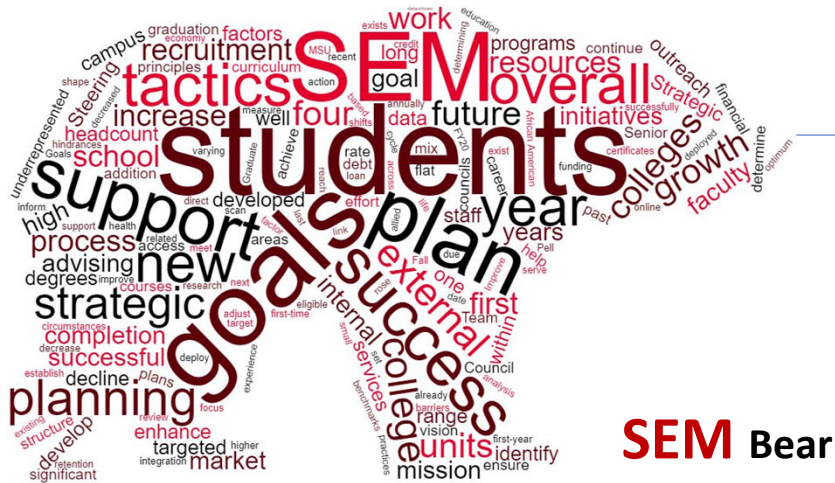


Missouri State.

Vision → Mission → Long Range Plan → Action Plan

IR's Plan for Always Being Prepared

Decision Support System (DSS)
Enables Decision Makers



Dr. Einhellig
— Academic Office —

Federal/State Accountability

Making Accountability More
ACCOUNTABLE

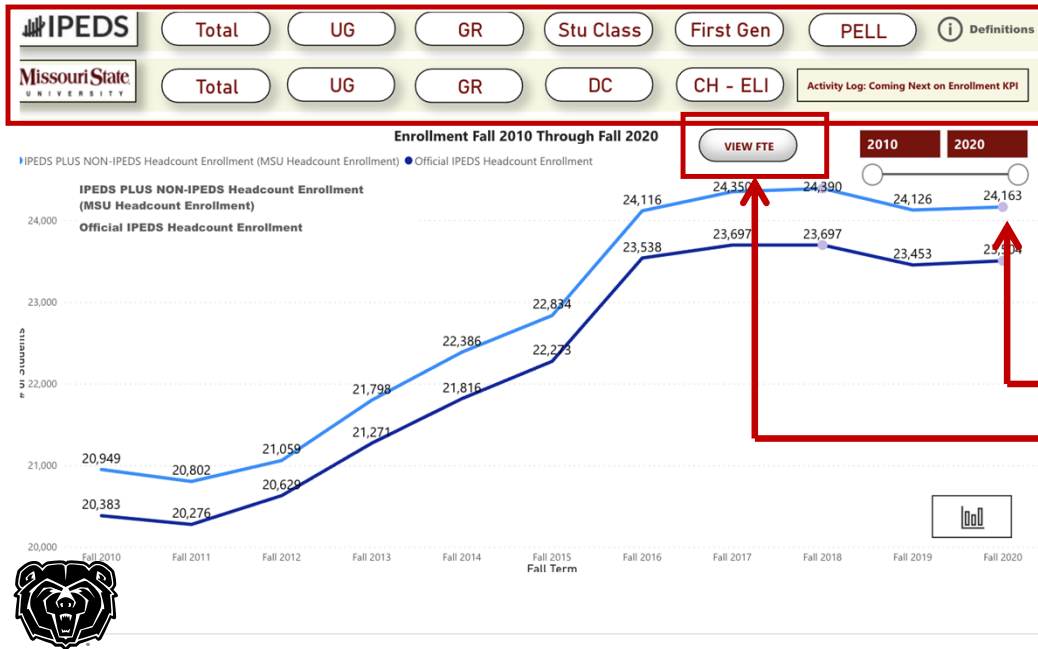
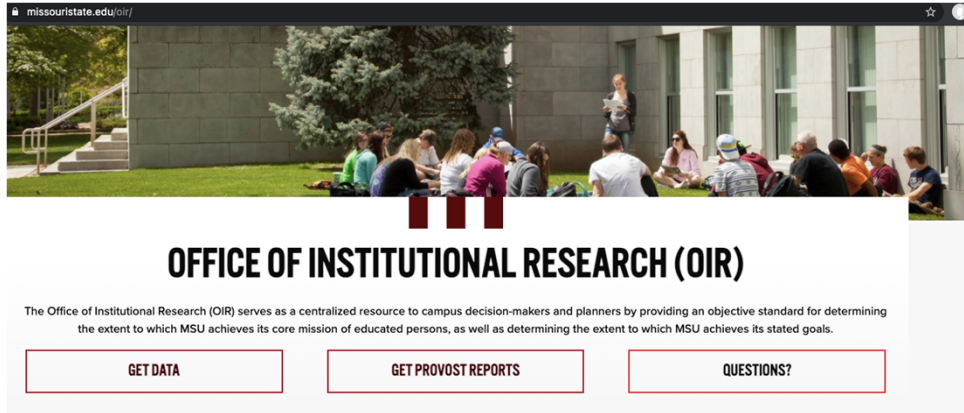
Action Plan



Individual Assignments

Ad Hoc





Go to... <https://www.missouristate.edu/oir/>
 Scroll down to locate IR's Report Menu located on the left of your screen
 Under the subcategory "Performance Indicators"
 Select "Key Performance Indicators"
 Scroll down to "Interactive Enrollment Dashboard"
 Click to open

Goal #1	Fa2020 Baseline	Fa2026 Goal	Diff	Diff %
Overall Headcount	24,163	25,371	1,208	5%
FTE Enrollment	18,027	18,568	541	3%



SCH Dashboard PUBLIC

FY2011 TO FY2021

SCH Dashboard (Public, Permissions Not Required)

Go to...
<https://www.missouristate.edu/oir/>
 Scroll down to locate IR's Report Menu located on the left of your screen Under the subcategory "Data and Information Resources" Select "Provost Dashboards" Scroll down to "SCH Dashboard" Click to open



missouristate.edu/oir/

OFFICE OF INSTITUTIONAL RESEARCH (OIR)

The Office of Institutional Research (OIR) serves as a centralized resource to campus decision-makers and planners by providing an objective standard for determining the extent to which MSU achieves its core mission of educated persons, as well as determining the extent to which MSU achieves its stated goals.

GET DATA GET PROVOST REPORTS QUESTIONS?



Prepared by the Office of Institutional Research

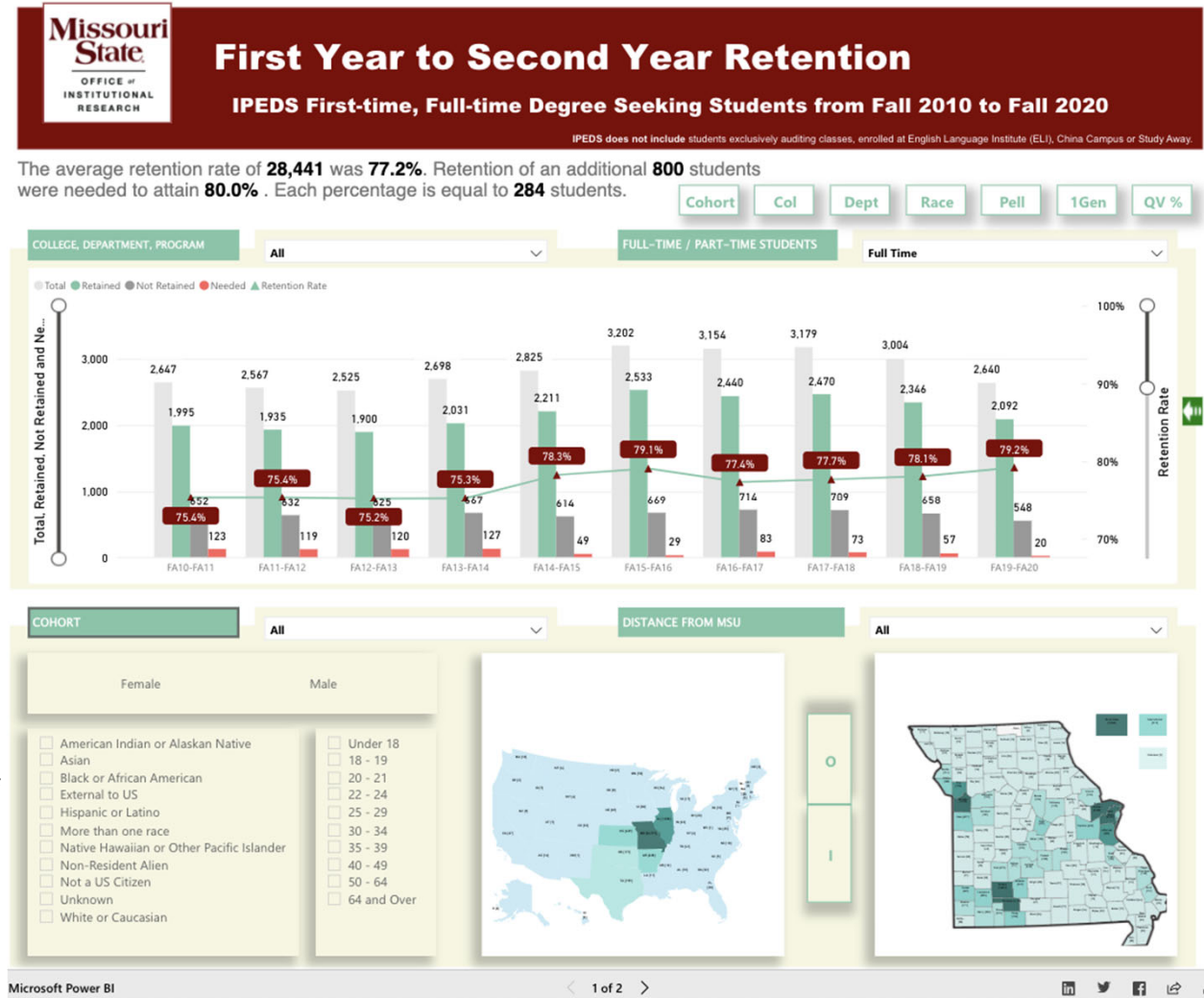
IPEDS Retention

Improve Retention/Persistence

Making Accountability More
ACCOUNTABLE

New Technology
creating new knowledge as well as
an enormous potential
for
Qualitative Research
Informative
Applied
Actionable

Go to... <https://www.missouristate.edu/oir/>
Scroll down to locate IR's Report Menu located on the left of
your screen
Under the subcategory "Performance Indicators"
Select "Key Performance Indicators"
Scroll down to "Interactive Retention Dashboard"
Click to open



Interactive Retention Dashboard



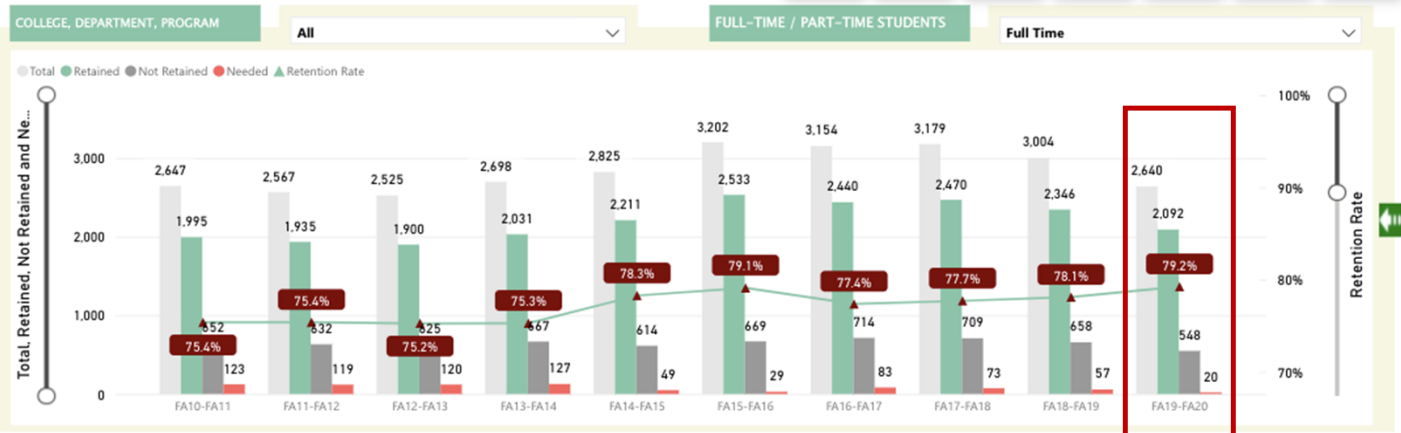
First Year to Second Year Retention

IPEDS First-time, Full-time Degree Seeking Students from Fall 2010 to Fall 2020

IPEDS does not include students exclusively auditing classes, enrolled at English Language Institute (ELI), China Campus or Study Away.

The average retention rate of **28,441** was **77.2%**. Retention of an additional **800** students were needed to attain **80.0%**. Each percentage is equal to **284** students.

Cohort Col Dept Race Pell 1Gen QV %



COHORT: All

DISTANCE FROM MSU: All

Female: American Indian or Alaskan Native, Asian, Black or African American, External to US, Hispanic or Latino, More than one race, Native Hawaiian or Other Pacific Islander, Non-Resident Alien, Not a US Citizen, Unknown, White or Caucasian

Male: Under 18, 18 - 19, 20 - 21, 22 - 24, 25 - 29, 30 - 34, 35 - 39, 40 - 49, 50 - 64, 64 and Over

Goal #2

Fa2020 Baseline

Fa2026 Goal

- Overall Retention @ 3%: 79.2% (Baseline) / 82.2% (Goal)
- African American @ 5%: 71.3% (Baseline) / 76.3% (Goal)
- Hispanic/Latinx @ 5%: 75.8% (Baseline) / 80.8% (Goal)
- First Generation @ 5%: 73.9% (Baseline) / 78.9% (Goal)
- Pell Eligible @ 5%: 71.7% (Baseline) / 76.7% (Goal)

Slide 44

WS1 I really like how you added the SEM target goals here Michelle. This will help them connect to the plan so easily now in terms of where to get data.

Wood, Kelly S, 5/19/2021

"One Click" to more Efficient and Effective Reporting Continued...

Goal #3	FY20 Baseline	FY25 Goal	Diff	Diff %
Total Credentials	5,696	5,800	104	1.8%

IPEDS FALL COLLECTION

IPEDS Completion Fiscal Year 2020

Under the Hood...

Numerous Filtering Options

- Head Count
- Gender
- Race/Ethnicity
- Degree
- Award Level

Gender Desc

Female Male

IPEDS Award Level

Postsec Cert or Diplo

Bachelors

Masters

Doctors

Post Bac Mast Cert

AgeGroups

18 to 24 25 to 39 40 plus

Race/Ethnicity

Non-Resident Alien

Hispanic or Latino

American Indian or ...

Asian

Black or African Am...

Native Hawaiian or ...

White or Caucasian

More than one race

Unknown

Age Group

Age Group	Count	Percentage
18 to 24	2,768	54.5%
25 to 39	1,920	37.8%
40 plus	394	7.8%

Race/Ethnicity

Race/Ethnicity	Male	Female	Total
Non-Resident Alien	199	247	446
Hispanic or Latino	76	87	163
American Indian or Alaskan Native	5	17	22
Asian	35	50	85
Black or African American	83	111	194
Native Hawaiian or Other Pacific Islander		2	2
White or Caucasian	1,507	2,479	3,986
Total	1,988	3,094	5,082

FY2020

Award Level

AwardLevel	1st Major	2nd Major	Total
LessThan1Yr	3	190	193
Bachelors	3,564	152	3,619
PostBacCert	129	261	390
Masters	1,138	13	1,148
PostMastCert	21		21
Total	4,965	588	5,082

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Products of the Provost's Data Support System (DDS)



Designed, Developed & Maintained by MSU's
Office of Institutional Research

Provost Reports (PUBLIC)

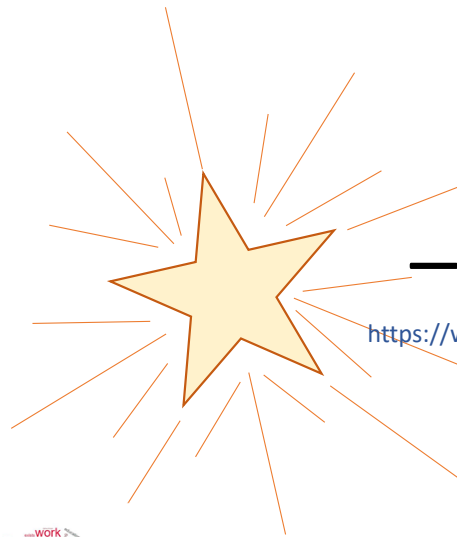
<https://www.missouristate.edu/OIR/provost-dashboards.htm>

- SCH Dashboard

The Provost's KPIs Key Performance Indicators

<https://www.missouristate.edu/OIR/key-performance-indicators.htm>

- Interactive Enrollment Dashboard
- Interactive Retention Dashboard
- Interactive Faculty/Staff Dashboard



COMING SOON!

— To IR's Web Page —

<https://www.missouristate.edu/OIR/ipeds-dashboard.htm>

IPEDS Dashboards (PUBLIC)

- Completions Fiscal Year 2020
- 12-Month Enrollment Fiscal Year 2020
- Admissions Fall 2020 (CENSUS DATA)
- Enrollments Fall 2020 (CENSUS DATA)
- HR Survey Year 2020

Comments or Questions



“There must be within the Institutional Research (IR) role a **sufficient degree of independence** which permits IR to fully examine and provide constructive criticism of the institution, including its purposes and values.”

“IR’s uniqueness rests in the combination of its role as a **positive critic** concerned with the enhancement and advancement of higher education and its role as a researcher, quantifier, and assessor of quantitative and qualitative information regarding the institution...”

“An active IR role also requires the sustenance of an efficacious symmetry between activities prescribed by its service, the institution, and opportunities for exploration in areas responsive to IR’s own insights and interests. **Creativity** is an active process which **requires a degree of autonomy that must be real and sufficient...** Without this fundamental ingredient, the composition of the role of IR lacks potency.”



Thank you

RESOURCES

- [SEM website](#)
- [Enrollment Management & Services website](#)
- [Institutional Research](#)
- [Bear Intelligence](#)
- [Data request form](#)
- [Argos](#)
- [SEM Blog](#)

SEM Strategic
Enrollment
Management