



CENTRAL STATE UNIVERSITY

Office of
Institutional Research

FACT BOOK



Office of Institutional Research

2023
edition

Office of Institutional Research

July 2023

Dear *Fact Book* Reader:

The *Fact Book* is a collection of selected information and statistics designed to answer frequently asked questions about Central State University. We hope that you will find this a useful reference.

The Office of Institutional Research appreciates your feedback and welcomes any suggestions or changes for future editions. Please contact the Office of Institutional Research staff if you have any questions or comments.

Sincerely,

Mohammed Ali

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CENTRAL STATE UNIVERSITY

FACT BOOK

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Quick Reference

Current President: Dr. Jack Thomas, 2020-present

Past Presidents:

- ☞ Dr. Charles H. Wesley served as president from 1947 to 1965.
- ☞ Dr. Lewis A. Jackson served as acting president during part of 1965.
- ☞ Dr. Harry E. Groves served as president from 1965 to 1968.
- ☞ Dr. Herman R. Branson served as president from 1968 to 1970.
- ☞ Dr. Lewis A. Jackson served as president from 1970 to 1971. He then served as acting president from 1971 to 1972.
- ☞ Dr. Lionel H. Newsom served as president from 1972 to 1985.
- ☞ Dr. Arthur E. Thomas ('62) served as president from 1985 to 1995.
- ☞ Dr. Herman B. Smith served as interim president from 1995 to 1996.
- ☞ Dr. George Ayers, Executive Management Team, assumed the chief leadership position from 1996 to 1997.
- ☞ John W. Garland, Esq., ('71) served as president from 1997 to 2012.
- ☞ Dr. Cynthia Jackson-Hammond as president from 2012 to 2020.

Established: 1887

Congressional District: 7

Regional University Accreditation: The Higher Learning Commission

Carnegie Classification (2000): Baccalaureate colleges – General

Disciplinary Accreditation: Manufacturing Engineering, Fine and Performing Arts, Business Administration, Social Work, and Environmental Engineering

FICE Code: 003026

Calendar: Semester

Colleges: Humanities, Arts and Social Sciences; Business; Science and Engineering; and Education

Degree Programs: Baccalaureate (38); Certificate (3); Master (1)

Student Enrollment			
<i>Fall 2022</i>			
	Count	FTE	
Undergraduate	5,406	4,042	
Freshman	18%	987	
Sophomore	11	622	
Junior	25	1333	
Senior	45	2468	
Unclassified	N/A	0	
Graduate	<u>28</u>	<u>21</u>	
TOTAL	5,434	4,063	
Degrees Awarded			
<i>Academic Year 2021-2022</i>			
Baccalaureate	458		
Master	<u>N/A</u>		
TOTAL	458		

Average Class Size		
<i>Fall 2022</i>		
1000 - 2000 Level	21	
3000 - 4000 Level	19	
5000 - 6000 Level	7	
Student - Faculty Ratio (FTE) 25:1		
Tuition and Fees		
<i>Academic Year 2022-2023</i>		
	Ohio	Non-OH
Undergraduate	\$7,596	\$9,596
Room and Board		
<i>Academic Year 2022-2023</i>		
Room Charge	\$5,824	
Board Charge	5,076	

*Operating Revenue	
<i>Fiscal Year 2022</i>	
Tuition, Fees, Other Charges	\$16,175,179
State, Local, Private Grants and Contracts	6,261,649
Federal Grants, Contracts	50,759,226
Other Sources	<u>11,541,543</u>
TOTAL	\$84,737,697
Employee Headcount	
<i>Fall 2022</i>	
Faculty	281
Administrative/Professional/Staff	349
TOTAL	630
Full-Time Instructional Faculty	
<i>Fall 2022</i>	
Count	114
Tenured	57%
With Terminal Degree	83%

*Please see page 6 for details

The History of Central State University

Central State University's history begins with our parent institution Wilberforce University, named in honor of the great abolitionist William Wilberforce. Established at Tawawa Springs, Ohio, in 1856, it is affiliated with the African Methodist Episcopal (A.M.E.) Church and is one of the oldest Black-administered institutions of higher education in the nation.

In 1887, the Ohio General Assembly enacted legislation that created a Combined Normal and Industrial Department at Wilberforce University. The objectives of this new state-sponsored department were to provide teacher training and vocational education and to stabilize these programs by assuring a financial base similar to that of other state-supported institutions.

The statute establishing the Combined Normal and Industrial Department declared that the institution was "open to all applicants of good and moral character," thereby indicating no limitations as to race, color, sex, or creed. It was clear, however, that the department and its successors were designed to serve the educational needs of African-American students.

Although this Combined Normal and Industrial Department operated as part of Wilberforce University in most respects, a separate board of trustees was appointed to govern the state-financed operations. In 1941, the department expanded from a two- to a four-year program, and in 1947, it legally split from Wilberforce, becoming the College of Education and Industrial Arts at Wilberforce. The name was changed in 1951 to Central State College, and in 1965, the institution achieved university status.

The University has grown steadily since its founding. There are four Colleges: Education; Engineering, Science, Technology, and Agriculture; Business; and Humanities, Arts, and Social Sciences. Additionally, new academic programs have been added along with a School of Agricultural Education and Food Science, an 85,000 sq. ft., University Student Center, and five residence halls. The most recent residence hall opened in fall 2019 and is the University's first 250-bed apartment-style facility. In summer 2020, the University celebrated the grand opening of the Botanical Garden, which will serve the campus and local communities by providing a space to engage in and observe the benefits of meditation and agricultural best practices.

Dr. Jack Thomas took office as the ninth president of Central State University on July 1, 2020, bringing decades of successful academic leadership.

President Thomas has laid out an ambitious agenda for his tenure as the ninth president at Central State University. The signature objectives of his presidency are as follows.

1. Continue to meet and enhance the 1890 Land-Grant mission
2. Increase enrollment (globally and in diversity)
3. Improve retention and graduation rates
4. Develop a marketing and rebranding campaign
5. Launch a multimillion-dollar capital campaign
6. Develop an Honors College to recruit high-achieving students
7. Increase degree offerings, offer graduate studies, and provide flexibility in course delivery
8. Build a new learning and living environment
9. Update the University strategic and master plans

As an 1890 Land-Grant Institution, Central State University is expanding Science, Technology, Engineering, Mathematics, and Agriculture (STEM-Ag) academic programming, research, and education; developing partnerships within Ohio's agricultural industry; enhancing facilities; and engaging local communities, all for the future growth and sustainability of the University.

Central State University embraces change, but one thing that has not changed is its continuing commitment to providing academic excellence for over 134 years, affordable education to residents of Ohio and beyond.

Innovation is in our DNA.

Location

Central State University is located in Wilberforce, Ohio, four miles northeast of Xenia and 18 miles east of Dayton. The campus is midway between Cincinnati and Columbus on U.S. 42, about 55 miles from each city. Airline, bus and taxi services are available in Dayton.

From a single brick building erected in 1890, the Central State University campus has grown to a total of 42 principal structures despite the fact that on April 3, 1974, within minutes, more than half of the University facilities were destroyed by a tornado which struck the campus and nearby communities. Following the devastation, a campus plan was developed to create a new Central State University and return the campus to its natural beauty.

Today Central State University has facilities valued at around \$335 million, ranging from a power plant that has been named to The National Historic Register to the new University Student Center, which opened in Fall 2015.

Student life is centered around the residence hall complexes, the Student Center, and the Gymnasium which are used for a variety of co-curricular activities.

Purpose

The purpose of Central State University is to provide opportunities and educational attainment in higher education for the citizens of Ohio and other qualified applicants, including both national and international students.

University Mission

Central State University, an 1890 Land-Grant institution, prepares students with diverse backgrounds and experiences for leadership, research and service. The University fosters academic excellence within a nurturing environment and provides a strong liberal arts foundation leading to professional careers and advanced studies.

Central State University is dedicated to:

- Providing a culturally enriched learning environment by offering programs with multicultural and global perspectives;
- Stimulating intellectual curiosity for continuous search for knowledge;
- Teaching students to think critically and communicate effectively;
- Maintaining an environment of excellence through innovative teaching, service, and research;
- Developing an environment where students can aspire for excellence;
- Preparing students to address opportunities of a technologically oriented world;
- Serving populations from diverse backgrounds and experiences; and
- Collaborating with other educational institutions, business organizations and government agencies to enrich learning experiences and educational opportunities for students.

Program Inventory, Academic Year 2021-2022

CIPS Code	Program Major	Responsible Academic Department(s)	Degree	Specializations/Options
520301	Accounting	Business Administration	BS	
131301	Agricultural Education	Professional Education	BSEd	
131301	Agricultural Education Extension	Professional Education	BSEd	
010801	Agricultural Education Extension Certificate (Online)	Professional Education	CER	
260101	Biology	Agricultural and Life Sciences	BS	
520101	Business Administration	Business Administration	BS	Agribusiness Entrepreneurship Finance Hospitality Management International Business Management Management Info Systems Marketing
400501	Chemistry	Agricultural and Life Sciences	BS	
131323	Chemistry Education	Professional Education	BSEd	
500902	Commercial Music & Technology	Fine and Performing Arts	CER	
110701	Computer Science	Mathematics and Computer Science	BS	
430104	Criminal Justice	Social and Behavioral Sciences	BS	
110701	Cyber Security	Mathematics and Computer Science	CER	
130101	Education Primary	Professional Education	BSEd	
130101	Educational Studies	Professional Education	BSEd	
230101	English, Literature	Humanities	BA	
141401	Environmental Engineering	Water Resources Management	BS	
310505	Exercise Science	Agricultural and Life Sciences	BS	
500701	Graphic Design	Fine and Performing Arts	BA	
450801	History	Humanities	BA	
150612	Industrial Technology	Manufacturing Engineering	BS	Business Management CAD/CAM Construction Technology Electronics Technology
131305	Integrated Language Arts Education	Professional Education	BSEd	
131311	Integrated Mathematics Education	Professional Education	BSEd	

Program Inventory, Academic Year 2021-2022 (cont.)

CIPS Code	Program Major	Responsible Academic Department(s)	Degree	Specializations/Options
131318	Integrated Social Studies Education	Professional Education	BSEd	
300000	Interdisciplinary Studies	Humanities	BA	
131001	Intervention Specialist – Mild/Moderate	Professional Education	BSEd	
090499	Journalism and Digital Media	Humanities	BA	
131322	Life Science Education	Professional Education	BSEd	
143601	Manufacturing Engineering	Manufacturing Engineering	BSMFE	
520101	Master of Business Administration	Business Administration	MBA	General MBA Project Management MBA
270101	Mathematics	Mathematics and Computer Science	BS	
131203	Middle Childhood Education	Professional Education	BSEd	Reading & Language Arts Mathematics Science Social Studies
131312	Music Education	Fine and Performing Arts	BSEd	
500910	Music, Jazz Studies	Fine and Performing Arts	BM	
500903	Music, Performance	Fine and Performing Arts	BM	
451001	Political Science	Social and Behavioral Sciences	BA	
420101	Psychology	Social and Behavioral Sciences	BA, BS	
310101	Recreation	Health and Human Performance	BS	Sports Administration Therapeutic Recreation
440701	Social Work	Social and Behavioral Sciences	BA, BS	
451101	Sociology	Social and Behavioral Sciences	BA, BS	
500701	Studio Art	Fine and Performing Arts	BA	
010308	Sustainable Agriculture	Agricultural and Life Sciences	BS	
140805	Water Resources Management	Water Resources Management	BS	Computer Applications Engineering Environmental Socioeconomic/Managerial

Revenue Sources and Expenditure Allocations, Fiscal Years 2018-2022

REVENUE SOURCES:	2018	2019	2020	2021	2022
Tuition and fees	6,002,929	6,836,855	7,313,803	12,131,087	13,140,183
Federal grants and contracts	10,201,975	10,084,489	17,726,980	28,725,673	39,348,624
State grants and contracts	3,858,398	3,502,158	4,131,876	6,605,549	6,261,649
Auxilliary activities	10,597,224	13,028,620	12,832,965	4,755,040	3,034,996
Other sources	5,172,894	8,191,301	4,613,378	4,324,806	11,541,643
TOTAL OPERATING REVENUES:	35,833,420	41,643,423	46,619,002	56,542,155	73,327,095
Federal PELL Grant appropriations	6,826,048	8,281,998	8,413,134	9,846,662	11,410,602
Federal ARRA grant	-	-	-	-	-
State appropriations	15,965,886	15,487,549	14,699,183	14,738,209	15,278,647
State capital appropriations	8,204,124	4,094,025	3,718,548	1,066,943	2,731,170
Gain (Loss) on sale of fixed assets	-	-	-	-	-
Other Restricted Income	193,134	194,466	195,867	195,805	97,497
Investment Income	67,453	147,908	83,860	274,517	(283,139)
Debt Forgiveness	-	-	-	11,650,807	-
TOTAL REVENUE	67,090,065	69,849,369	73,729,594	94,315,098	102,561,872
EXPENDITURE ALLOCATIONS					
Instruction	9,956,058	10,384,169	10,137,643	12,549,328	14,609,283
Research and Public Support	7,284,785	7,950,454	9,030,476	13,347,853	17,348,778
Academic Support	5,742,787	5,545,162	6,132,945	5,590,735	8,030,557
Student Service	3,925,226	3,928,008	3,949,321	4,408,899	5,891,377
Institutional Administration	1,222,757	7,355,771	10,128,285	1,812,684	10,891,977
Scholarships & Fellowships	2,301,340	3,649,211	5,560,385	4,005,228	8,688,065
Operation and Plant Maintenance	6,211,295	6,858,437	7,296,571	6,870,172	8,235,864
Auxiliary Enterprises	11,540,650	12,761,132	14,710,404	12,860,317	18,286,299
Depreciation	6,475,106	6,556,982	7,096,854	7,377,676	7,398,311
TOTAL OPERATING EXPENSES	54,660,004	64,989,326	74,042,884	68,822,892	99,380,511
Interest Expenses	713,856	704,472	665,742	587,659	289,281
Nonmandatory Transfers	NA	NA	NA	NA	NA
TOTAL EXPENSES	55,373,860	65,693,798	74,708,626	69,410,551	99,669,792
	11,716,205	4,155,571	-779,033	24,904,527	2,892,080

SOURCE: Central State University Financial Report

Tuition and Fees, 2018/19 to 2022/2023

Tuition (12-18 credit hours)	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Resident					
Undergraduate	\$3,926	\$4,306	\$4,306	\$4,842	\$5,176
Graduate	NA	NA	NA	13,200	13,200
Non-Resident					
Undergraduate	5,926	6,306	6,306	6,842	7,176
Graduate	NA	NA	NA	15,600	15,600
Mandatory Fees					
Combined Fees	2,420	2,420	2,420	2,420	2,420
General Fee	326	326	326	326	326
Athletic Fee	442	442	442	442	442
Student Activity Fee	204	204	204	204	204
IT Fee	88	88	88	88	88
University Center Fee	100	100	100	100	100
Career Services Fee	50	50	50	50	50
TOTAL	\$6,346	\$6,726	\$6,726	\$7,262	\$7,596
Health Insurance Premium (Optional)	815	815	815	815	815

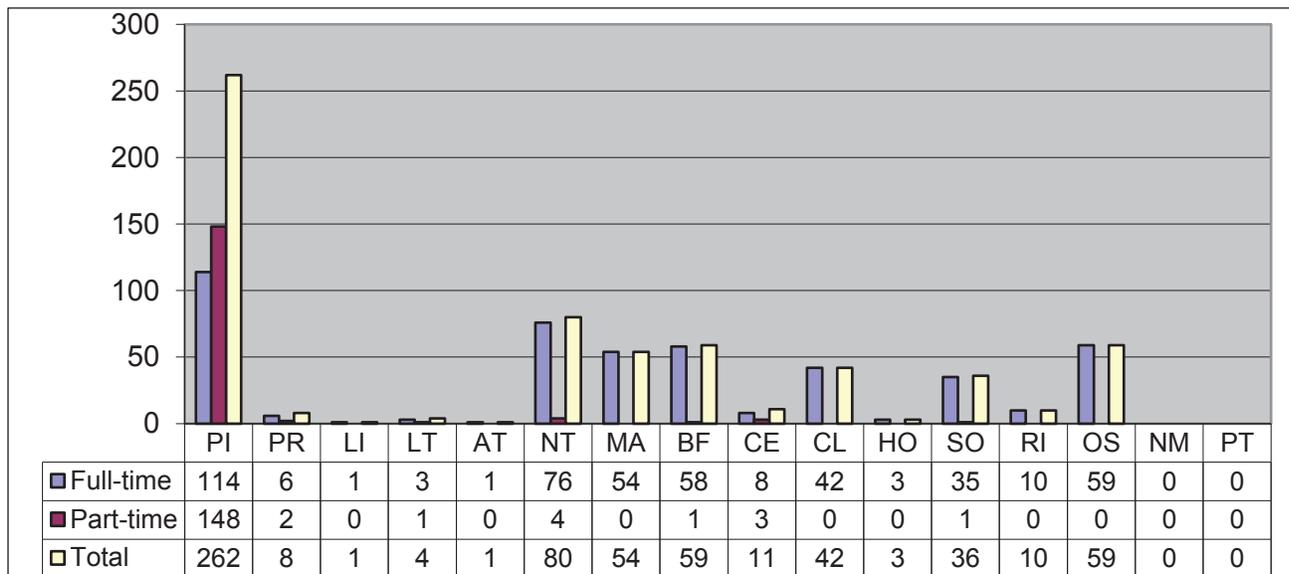
SOURCE: Central State University Catalog

**Full-Time and Part-Time Employees by Occupational Category
As of November 1, 2022**

	<u>Full-time</u>	<u>Part-time</u>	<u>Total</u>
Primary Instructional Staff (PI)	114	148	262
Primarily Research (PR)	6	2	8
Librarians (LI)	1	0	1
Library Technicians (LT)	3	1	4
Archivists, Curators, and Museum Technicians (AT)	1	0	1
Other Teachers and Instructional Support Staff (NT)	76	4	80
Management Occupations (MA)	54	0	54
Business and Financial Operations Occupations (BF)	58	1	59
Computer, Engineering, and Science Occupations (CE)	8	3	11
Community Service, Legal, Arts, and Media Occupations (CL)	42	0	42
Healthcare Practitioners and Technical Occupations (HO)	3	0	3
Service Occupations (SO)	35	1	36
Instruction combined with research and/or public service (I/R/PS)(RI)	10	0	10
Office and Administrative Support Occupations (OS)	59	0	59
Natural Resources, Construction, and Maintenance Occupations (NM)	0	0	0
Production, Transportation, and Material Moving Occupations (PT)	0	0	0
Total	470	160	630

SOURCE: IPEDS Human Resources 2022-23

**Full-Time and Part-Time Employees by Occupational Category
As of November 1, 2022**

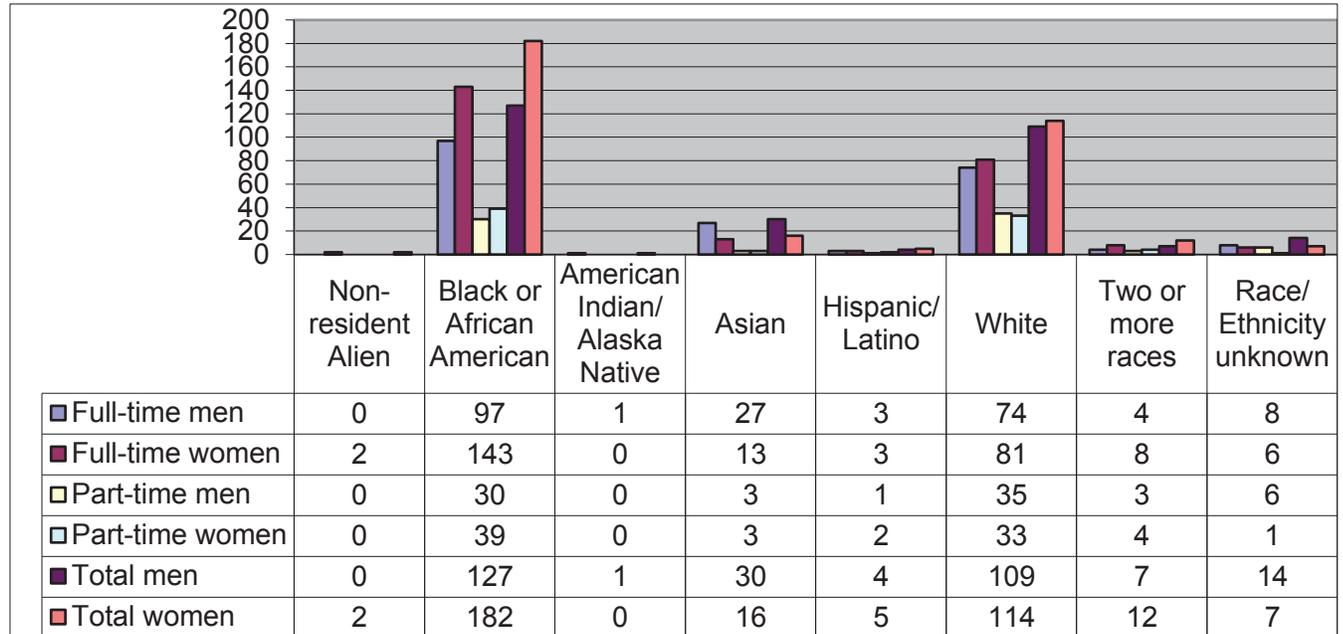


**Total Number of Staff by Employment Status, Gender and Race/Ethnicity
As of November 1, 2022**

	<u>Full-time men</u>	<u>Full-time women</u>	<u>Part-time men</u>	<u>Part-time women</u>	<u>Total men</u>	<u>Total women</u>
Non-resident Alien	0	2	0	0	0	2
Black or African American	97	143	30	39	127	182
American Indian/ Alaska Native	1	0	0	0	1	0
Asian	27	13	3	3	30	16
Hispanic/ Latino	3	3	1	2	4	5
White	74	81	35	33	109	114
Two or more races	4	8	3	4	7	12
Race/ Ethnicity unknown	8	6	6	1	14	7
Total	214	256	78	82	292	338

SOURCE: IPEDS Human Resources 2022-23

**Total Number of Staff by Employment Status, Gender and Race/Ethnicity
As of November 1, 2022**

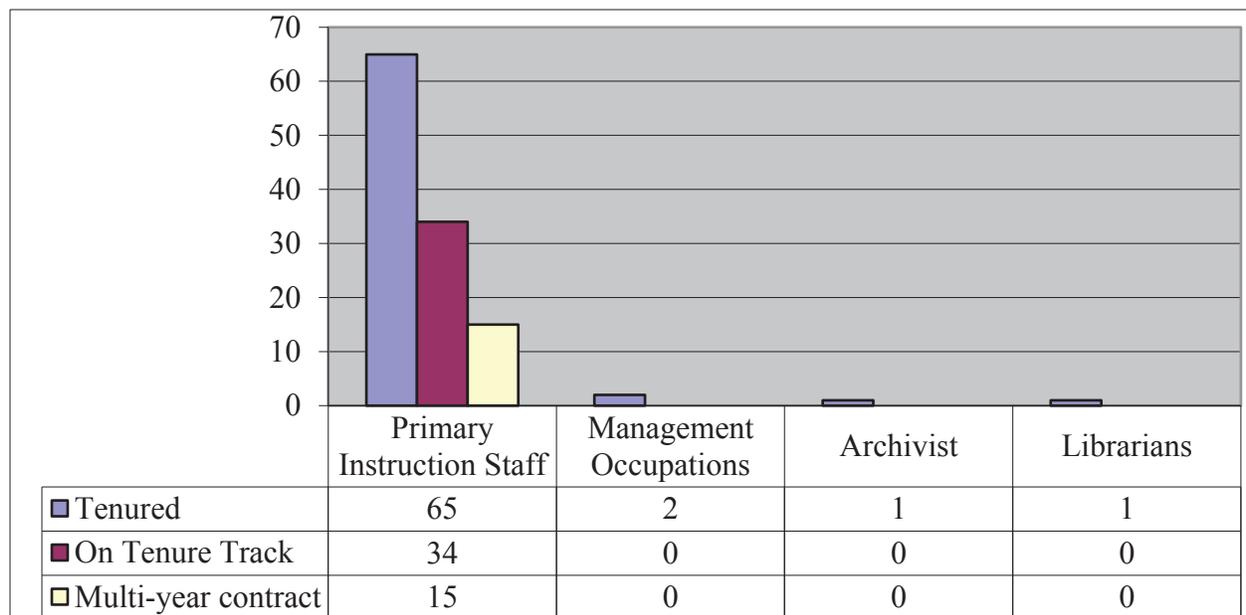


**Full-time Staff by Tenure Status
As of November 1, 2022**

	Tenured	On Tenure Track	Multi-year contract	Total
Primary Instruction Staff	65	34	15	114
Management Occupations	2	0	0	2
Archivist	1	0	0	1
Librarians	1	0	0	1

SOURCE: IPEDS Human Resources 2022-23

**Full-time Staff by Tenure Status
As of November 1, 2022**

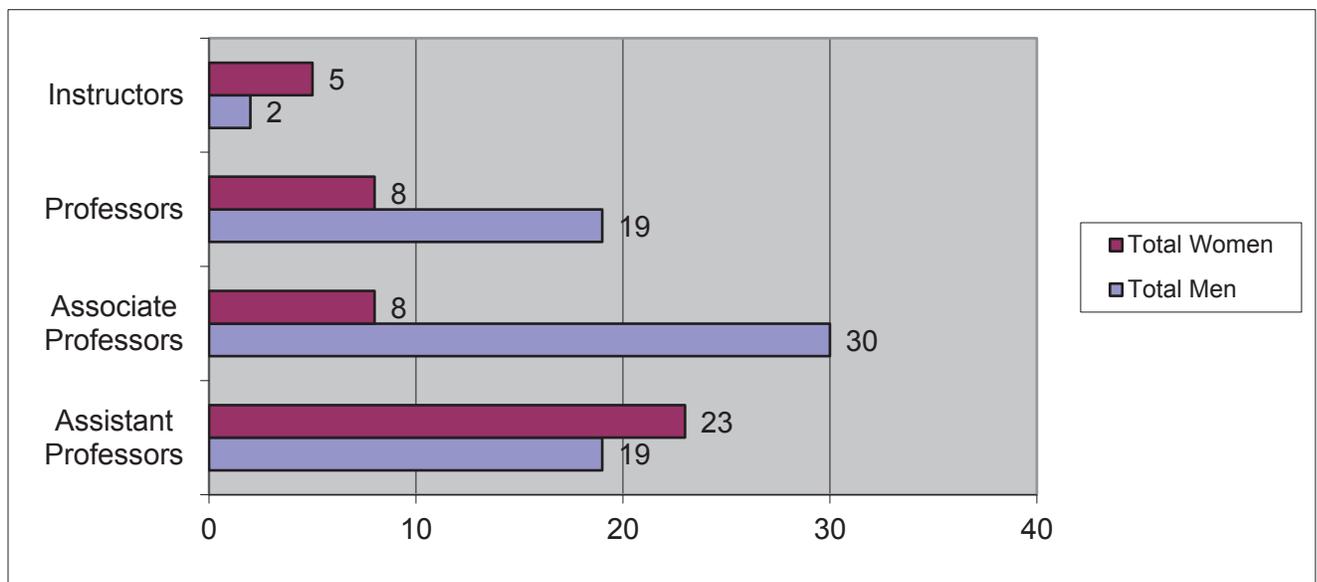


**Full-time Instructional Staff by Gender and Academic Rank
As of November 1, 2022**

	Total Men	Total Women	Total
Professors	19	8	27
Associate Professors	30	8	38
Assistant Professors	19	23	42
Instructors	2	5	7

SOURCE: IPEDS Human Resources 2022-23

**Full-time Instructional Staff by Gender and Academic Rank
As of November 1, 2022**

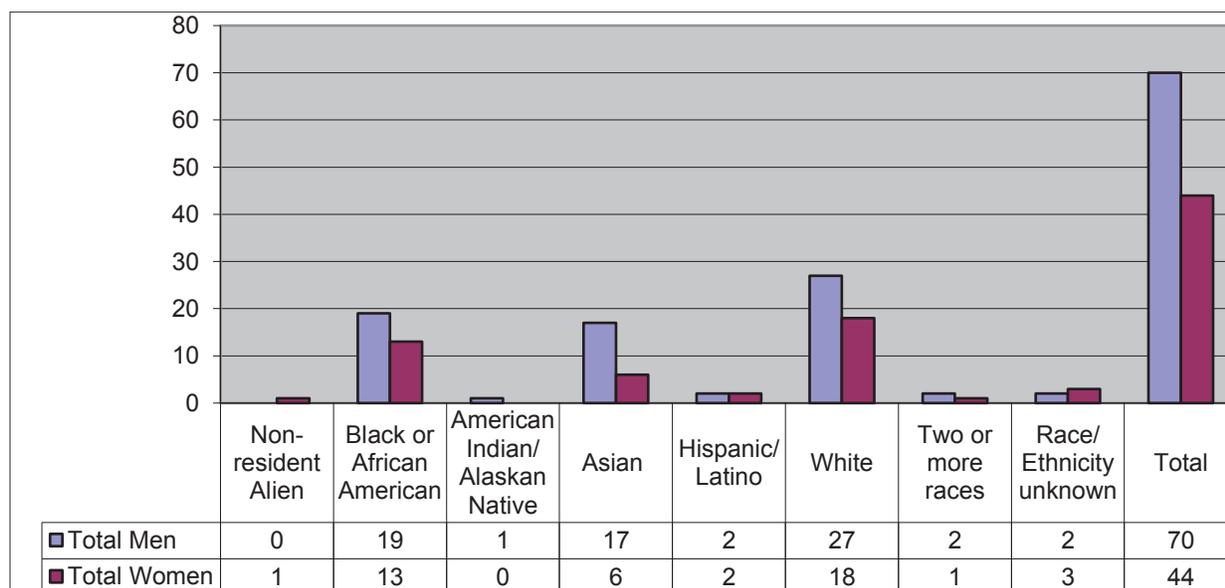


**Full-time Instructional Staff by Gender and Ethnicity
As of November 1, 2022**

	Total Men	Total Women
Non-resident Alien	0	1
Black or African American	19	13
American Indian/Alaskan Native	1	0
Asian	17	6
Hispanic/Latino	2	2
White	27	18
Two or more races	2	1
Race/Ethnicity unknown	2	3
Total	70	44

SOURCE: IPEDS Human Resources 2022-23

**Full-time Instructional Staff by Gender and Ethnicity
As of November 1, 2022**



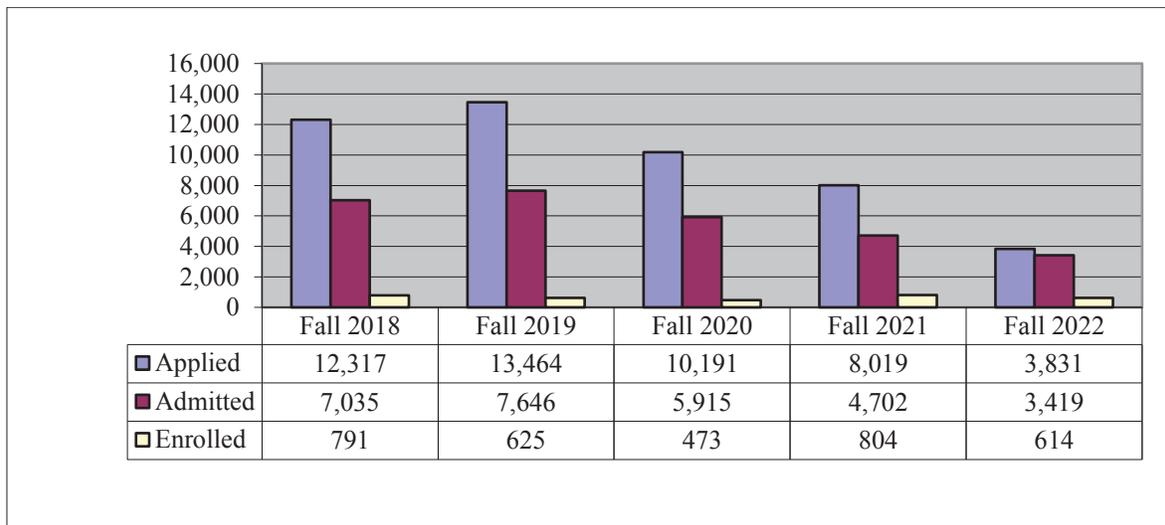
Applied, Admitted and Enrolled - Fall Terms 2018-2022

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
<u>First-time Freshmen (full-time & part-time)</u>					
Applied ¹	12,317	13,464	10,191	8,019	3,831
Admitted	7,035	7,646	5,915	4,702	3,419
Enrolled	791	625	473	804	614
<hr/>					
Ratio of Enrolled to Admitted	11.2%	8.2%	8.0%	17.1%	18.0%

¹ Includes all applicants who have started the admissions process the preceding Summer term; applications are not necessarily “complete.”

Source: Banner Information System

Applied-Admitted-Enrolled - Fall Terms 2018-2022

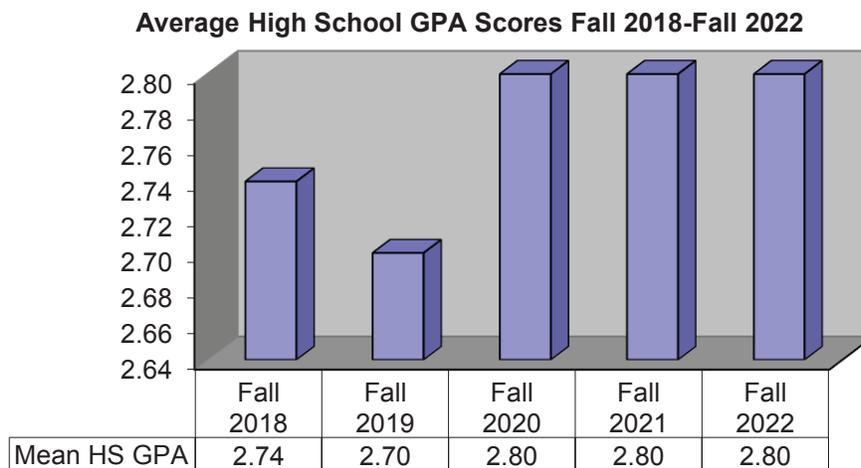


New Freshmen High School Grade Point Averages, 2018-2022

HS GPA	Fall 2018 ¹			Fall 2019 ¹			Fall 2020 ¹			Fall 2021 ¹			Fall 2022 ¹		
	N	%	Cum %	N	%	Cum %									
4.0	1	0.1	0.1				3	0.6	0.6	5	0.6	0.6	5	0.9	0.9
3.9	1	0.1	0.3	4	0.6	0.6	2	0.4	1.1	12	1.5	2.1	5	0.9	1.8
3.8	9	1.1	1.4	3	0.5	1.1	8	1.7	2.7	17	2.1	4.2	11	1.9	3.7
3.7	13	1.7	3.1	8	1.3	2.4	5	1.1	3.8	17	2.1	6.3	16	2.8	6.5
3.6	15	1.9	5.0	8	1.3	3.7	8	1.7	5.5	24	3.0	9.3	15	2.6	9.1
3.5	19	2.4	7.4	16	2.6	6.3	18	3.8	9.3	25	3.1	12.4	19	3.3	12.4
3.4	29	3.7	11.1	22	3.5	9.8	17	3.6	12.9	33	4.1	16.5	17	3.0	15.4
3.3	21	2.7	13.8	17	2.7	12.6	24	5.1	18.0	33	4.1	20.6	31	5.4	20.8
3.2	33	4.2	18.0	32	5.2	17.7	20	4.2	22.2	40	5.0	25.6	30	5.3	26.1
3.1	46	5.9	23.9	33	5.3	23.0	33	7.0	29.2	49	6.1	31.7	34	6.0	32.0
3.0	53	6.8	30.6	45	7.2	30.3	35	7.4	36.6	65	8.1	39.8	45	7.9	39.9
2.9	52	6.6	37.2	35	5.6	35.9	26	5.5	42.1	56	7.0	46.8	30	5.3	45.2
2.8	60	7.7	44.9	41	6.6	42.5	39	8.2	50.3	57	7.1	53.9	42	7.4	52.5
2.7	62	7.9	52.8	53	8.5	51.0	37	7.8	58.1	66	8.2	62.1	39	6.8	59.4
2.6	61	7.8	60.6	63	10.1	61.2	34	7.2	65.3	51	6.3	68.4	36	6.3	65.7
2.5	85	10.8	71.4	57	9.2	70.4	37	7.8	73.2	57	7.1	75.5	41	7.2	72.9
2.4	59	7.5	79.0	103	16.6	87.0	44	9.3	82.5	62	7.7	83.2	41	7.2	80.0
2.3	63	8.0	87.0	57	9.2	96.1	40	8.5	90.9	66	8.2	91.4	40	7.0	87.0
2.2	56	7.1	94.1	11	1.8	97.9	32	6.8	97.7	31	3.9	95.3	36	6.3	93.3
2.1	20	2.6	96.7	10	1.6	99.5	4	0.8	98.5	14	1.7	97.0	12	2.1	95.4
2.0	18	2.3	99.0	3	0.5	100.0	6	1.3	99.8	11	1.4	98.4	11	1.9	97.4
<= 1.9	8	1.0	100.0				1	0.2	100.0	13	1.6	100.0	15	2.6	100.0
Subtotal	784	99%		621	99%		473	100%		804	100%		571	93%	
Unreported	7			4			0			0			43		
TOTAL	791			625			473			804			614		
MEAN	2.74			2.70			2.80			2.80			2.80		

¹ Source: Banner Information System

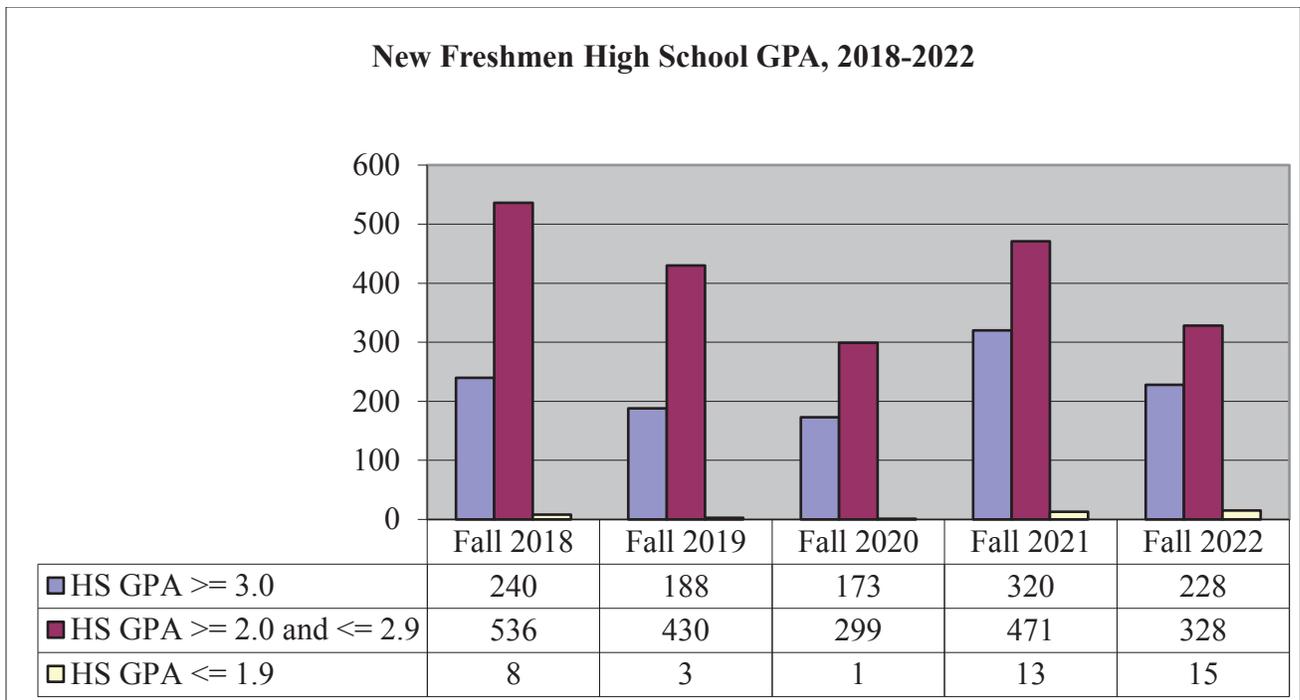
Note: A high school grade point average (GPA) of 3.000 or higher is one of the requirements for incoming freshmen to be eligible for the CSU Honors Program.



New Freshmen High School GPA Ranges, 2018-2022

	Fall 2018	Fall 2019	Fall 2020	Fall 2021	Fall 2022
HS GPA \geq 3.0	240	188	173	320	228
HS GPA \geq 2.0 and \leq 2.9	536	430	299	471	328
HS GPA \leq 1.9	8	3	1	13	15
Total	784	621	473	804	571

Source: Banner Information System



New Freshmen Geographic Origins, Fall Terms 2018-2022

	2018 ¹		2019 ¹		2020 ¹		2021 ¹		2022 ¹	
	N	%	N	%	N	%	N	%	N	%
<u>OHIO²</u>	373	47	262	42	225	48	348	43	340	55
Akron	6	2%	12	5%	12	5%	12	3%	4	1%
Athens	0	0	0	0	0	0	0	0	0	0
Canton	0	0	2	1	5	2	8	2	2	1
Chillicothe	0	0	1	0	0	0	3	1	0	0
Cincinnati	64	17	44	17	29	13	51	15	55	16
Cleveland	102	27	68	26	47	21	65	19	47	14
Columbus	116	31	61	23	70	31	86	25	72	21
Dayton	61	16	53	20	40	18	74	21	142	42
Lima	11	3	3	1	1	0	3	1	2	1
Mansfield	1	0	3	1	3	1	6	2	0	0
Steubenville	0	0	0	0	0	0	1	0	0	0
Toledo	6	2	10	4	16	7	26	7	5	1
Youngstown	6	2	5	2	2	1	13	1	11	3
Zanesville	0	0	0	0	0	0	1	0	0	0
<u>OUT of STATE</u>	419	53	363	58	248	52	456	57	274	45
California	4	1	1	0	1	0	5	1	6	2
Illinois	119	28	120	33	80	32	107	23	35	13
Indiana	38	9	31	9	29	12	56	12	25	9
Kentucky	0	0	4	1	2	1	5	1	4	1
Michigan	157	37	123	34	61	25	126	28	68	25
Pennsylvania	8	2	10	3	3	1	4	1	6	2
Other States	56	13	43	12	45	18	105	23	77	28
Unknown	0	0	0	0	6	2	12	3	0	0
International	37	9	31	9	21	8	36	8	53	19
TOTAL	792	100%	625	100%	473	100%	804	100%	614	100%

1 Source: Banner Information System

2 As defined by Ohio Marketing Areas by the CSU Office of Admissions

CENTRAL STATE UNIVERSITY

Official Fall 2022 Semester Enrollment Report

Fall Enrollment Headcount

	2018	2019	2020	2021	2022
<i>Undergraduates</i>	2099	2033	4021	6035	5406
<i>Graduates</i>	0	0	0	9	28
<i>Totals</i>	2099	2033	4021	6044	5434

Fall FTE

	2018	2019	2020	2021	2022
<i>Undergraduates</i>	2104	2007	2857	3205	4042
<i>Graduates</i>	0	0	0	4	21
<i>Total FTE</i>	2104	2007	2857	3209	4063

*Total FTE does not include students' withdrawn w/record prior to the Official Census date (FTE = 15 semester hours for UG/GR)

Fall Semester Enrollment Statistics

Year	Classification	Male	%	Female	%	Gender Unknown	%	Full-Time	%	Part-Time	%	In-State	%	Out-State	%	Residence Hall	%	Commuter
2018	<i>Undergraduates</i>	837	40%	1262	60%	0		2029	97%	70		1068	51%	1014	48%	1574	75%	525
	<i>Graduates</i>	0		0		0		0		0		0		0		0		0
	<i>Total</i>	837		1262		0		2029		70		1068		1014		1574		525
2019	<i>Undergraduates</i>	793	39%	1240	61%	0		1919	94%	114	6%	970	48%	1063	52%	1553	76%	480
	<i>Graduates</i>	0		0		0		0		0		0		0		0		0
	<i>Total</i>	793		1240		0		1919		114		970		1063		1553		480
2020	<i>Undergraduates</i>	1265	31%	2756	69%	0		2142	53%	1879	47%	1084	27%	2937	73%	1068	27%	2954
	<i>Graduates</i>	0		0		0		0		0		0		0		0		0
	<i>Total</i>	1265		2756		0		2142		1879		1084		2937		1068		2954
2021	<i>Undergraduates</i>	1762	29%	4238	70%	35	<1%	3205	53%	2830	47%	1265	21%	4779	79%	1316	22%	658
	<i>Graduates</i>	4	<1%	4	<1%	1	<1%	4	<1%	5	<1%	9	<1%	0		0		0
	<i>Total</i>	1766		4242		36		3209		2835		1265		4779		1316		659
2022	<i>Undergraduates</i>	1552	29%	3692	68%	167	3%	3119	58%	2292	42%	1196	22%	4215	78%	1351	25%	435
	<i>Graduates</i>	7		15		1		10		13		16		7		3		25
	<i>Total</i>	1559		3707		168		3029		2305		1212		4222		1353		456

Fall to Fall Enrollment Comparison

	<i>Total Enrollment</i>	<i>Headcount Increase/Decrease</i>	<i>Percentage Increase/Decrease</i>
<i>Fall 2017-2018</i>	1784-2099	+315	+15%
<i>Fall 2018-2019</i>	2099-2033	-66	-3%
<i>Fall 2019-2020</i>	2033-4021	+1988	+49%
<i>Fall 2020-2021</i>	4021-6044	+2023	+33%
<i>Fall 2021-2022</i>	6044-5434	-610	-10%

Special Enrollments

<i>Category</i>	<i>Fall 2018</i>	<i>Fall 2019</i>	<i>Fall 2020</i>	<i>Fall 2021</i>	<i>Fall 2022</i>
<i>Consortium</i>	8	26	10	7	8
<i>Cooperative Education</i>	0	0	0	0	0
<i>CSU Dayton*</i>	95	96	22	6	3
<i>Military/Veterans</i>	35	32	17	32	21
<i>Faculty & Staff Dependents</i>	7	7	0	13	8
<i>International Students</i>	85	107	116	111	116
<i>College Credit Plus</i>	0	0	1	7	2

*Number of students enroll for one or more classes at CSU Dayton

Ethnic Enrollment

	<i>Fall 2018</i>	<i>%</i>	<i>Fall 2019</i>	<i>%</i>	<i>Fall 2020</i>	<i>%</i>	<i>Fall 2021</i>	<i>%</i>	<i>Fall 2022</i>	<i>%</i>
<i>African American</i>	1851	88%	1799	88%	2082	52%	2341	39%	1811	33%
<i>American Indian or Alaskan</i>	2	<1%	6	<1%	23	<1%	31	<1%	29	<1%
<i>Asian American or Pacific Is.</i>	2	<1%	4	<1%	94	2%	152	3%	127	2%
<i>Caucasian American</i>	17	<1%	50	2%	1069	27%	1652	27%	1410	26%
<i>Hispanic American</i>	11	<1%	13	1%	524	13%	841	14%	649	12%
<i>Multi-Racial</i>	33	2%	51	3%	47	1%	222	4%	251	5%
<i>International Students</i>	90	4%	107	5%	116	3%	131	2%	116	2%
<i>Not Reported</i>	93	4%	0	N/A	66	2%	674	11%	1041	19%
<i>Total</i>	2099		2033		4021		6044		5434	

Enrollment by Classification

	<i>Fall</i> <i>2018</i>	<i>%</i>	<i>Fall</i> <i>2019</i>	<i>%</i>	<i>Fall</i> <i>2020</i>	<i>%</i>	<i>Fall</i> <i>2021</i>	<i>%</i>	<i>Fall</i> <i>2022</i>	<i>%</i>
<i>Freshmen</i>	1136	54%	964	47%	2106	52%	2337	39%	987	18%
<i>Sophomores</i>	408	19%	438	22%	561	14%	636	11%	622	11%
<i>Juniors</i>	291	14%	311	15%	753	19%	1432	24%	1333	25%
<i>Seniors</i>	263	13%	318	16%	601	15%	1630	27%	2464	45%
<i>Graduate Students</i>	0	0	0	N/A	0	N/A	9	<1%	28	1%
<i>Post-Baccalaureate</i>	1	<1%	2	<1%	1	<1%	0	N/A	0	N/A
<i>Total Enrollments</i>	2099		2033		4021		6044		5434	

Student Body Report

	<i>Fall</i> <i>2018</i>	<i>%</i>	<i>Fall</i> <i>2019</i>	<i>%</i>	<i>Fall</i> <i>2020</i>	<i>%</i>	<i>Fall</i> <i>2021</i>	<i>%</i>	<i>Fall</i> <i>2022</i>	<i>%</i>
<i>Consortium</i>	8	<1%	26	1%	43	1%	7	<1%	8	<1%
<i>Continuing Students</i>	1148	55	1236	61%	2087	52%	3787	63%	4311	79%
<i>Graduate Students</i>	0	N/A	0	N/A	0	N/A	9	<1%	28	1%
<i>New Freshmen</i>	791	38%	625	31%	473	12%	804	13%	613	11%
<i>Post-Baccalaureate</i>	1	<1%	2	<1%	1	<1%	0	N/A	0	N/A
<i>Post-Secondary Option</i>	0	N/A								
<i>Re-admits</i>	25	1%	19	<1%	29	<1%	79	1%	30	<1%
<i>Special (Includes CCP)</i>	6	<1%	5	<1%	1	<1%	8	<1%	2	<1%
<i>Transfer</i>	114	5%	119	6%	1420	35%	1347	22%	444	8%
<i>Transient</i>	2	<1%	1	<1%	0	<1%	3	<1%	3	<1%
<i>Undeclared</i>	0	N/A								
<i>Total Enrollments</i>	2099		2033		4021		6044		5434	

Fall 2022 - In-State Students

County of Residence

Adams	1	Fairfield	19	Licking	7	Preble	0
Allen	10	Fayette	0	Logan	0	Putnam	1
Ashland	1	Franklin	238	Lorain	14	Richland	9
Ashtabula	1	Fulton	0	Lucas	49	Ross	1
Athens	1	Gallia	0	Madison	0	Sandusky	0
Auglaize	1	Geauga	2	Mahoning	18	Scioto	3
Belmont	0	Greene	74	Marion	2	Seneca	2
Brown	2	Guernsey	1	Medina	4	Shelby	1
Butler	19	Hamilton	161	Meigs	0	Stark	17
Carroll	0	Hancock	0	Mercer	1	Summit	26
Champaign	2	Hardin	2	Miami	10	Trumbull	9
Clark	28	Harrison	0	Monroe	0	Tuscarawas	1
Clermont	8	Henry	0	Montgomery	249	Union	0
Clinton	0	Highland	0	Morgan	0	Van Wert	0
Columbiana	5	Hocking	1	Morrow	1	Vinton	2
Cook	0	Holmes	0	Muskingum	1	Warren	6
Coshocton	0	Huron	1	Noble	0	Washington	1
Crawford	1	Jackson	3	Ottawa	1	Wayne	1
Cuyahoga	171	Jefferson	4	Paulding	0	Williams	0
Darke	1	Knox	1	Perry	3	Wood	3
Defiance	0	Lake	6	Pickaway	2	Wyandot	1
Delaware	4	Lawrence	3	Pike	0	Unknown	0
Erie	5	Levy	0	Portage	8	TOTAL:	1231

Fall 2022 - Out-of-State Students

Alabama	24	Illinois	294	Montana	2	South Carolina	37
Alaska	11	Indiana	100	Nebraska	5	South Dakota	5
Arizona	27	Iowa	11	Nevada	27	Tennessee	10
Arkansas	12	Kansas	18	New Hampshire	9	Texas	73
California	1489	Kentucky	38	New Jersey	90	Utah	6
Colorado	18	Louisiana	19	New Mexico	11	Vermont	1
Connecticut	55	Maine	1	New York	291	Virginia	34
Delaware	7	Maryland	116	North Carolina	22	Washington	160
District of Columbia	16	Massachusetts	35	North Dakota	3	West Virginia	7
Florida	127	Michigan	326	Oklahoma	18	Wisconsin	31
Georgia	88	Minnesota	54	Oregon	88	Wyoming	1
Hawaii	36	Mississippi	5	Pennsylvania	145	Unknown	12
Idaho	8	Missouri	35	Rhode Island	14	TOTAL:	4072

Fall 2022 - International Students

Bahamas	117	Brazil	3	Canada	2	Morocco	1
Nigeria	3	Russia	4	Serbia	1		
						TOTAL:	131

GRAND TOTAL 5,434

CENTRAL STATE UNIVERSITY
Persistence of New Freshmen Cohorts

Fall Terms 2013-2022

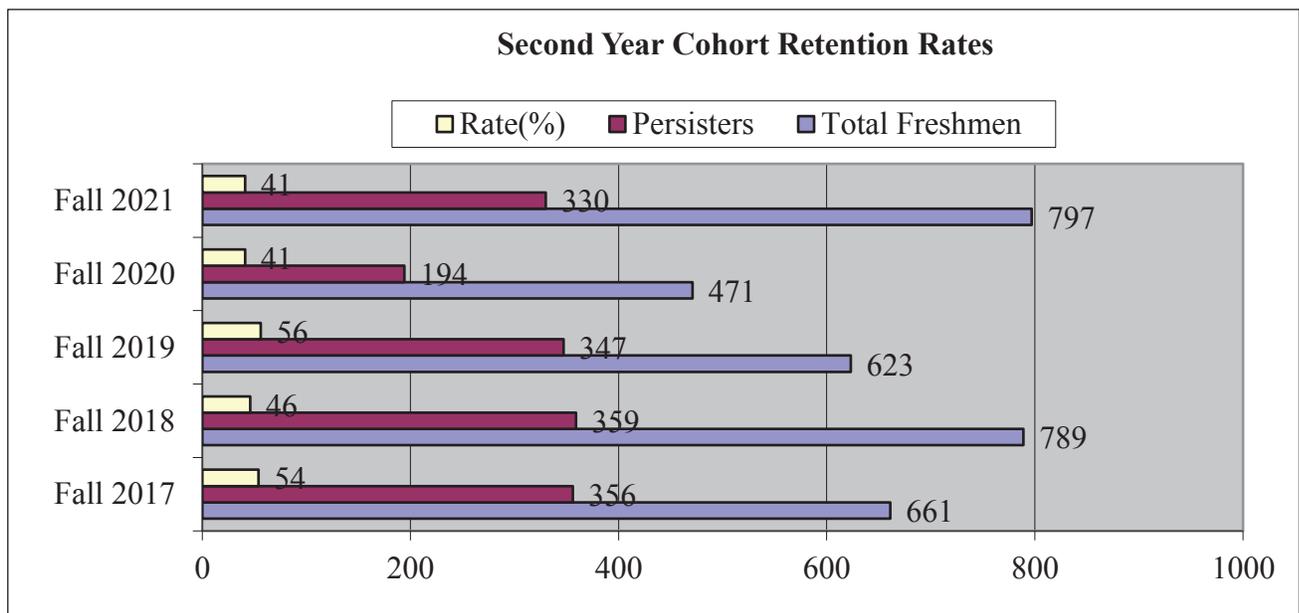
Entering Fall Term	N ¹	Fall Attendance Year									
		Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	
2013	411	Graduated By:	0.0%	0.0%	1.0%	14.1%	10.5%	2.9%	1.0%	0.2%	0.0%
		Still Enrolled:	51.1%	39.6%	32.8%	14.6%	3.9%	1.0%	0.0%	0.7%	0.0%
		Cohort Persistence:	51.1%	39.6%	33.8%	28.7%	14.4%	3.9%	1.2%	0.9%	0.0%
2014	401	Graduated By:	0.0%	0.0%	0.0%	13.2%	11.7%	3.0%	2.5%	1.0%	
		Still Enrolled:	53.6%	37.2%	34.4%	20.0%	4.7%	2.2%	1.0%	1.2%	
		Cohort Persistence:	53.6%	37.2%	34.4%	33.2%	16.4%	5.2%	3.5%	2.2%	
2015	510	Graduated By:	0.0%	0.0%	0.0%	7.6%	11.1%	2.9%	1.0%		
		Still Enrolled:	39.8%	31.1%	27.6%	16.7%	4.9%	1.8%	1.2%		
		Cohort Persistence:	39.8%	31.1%	27.6%	24.3%	16.0%	4.7%	2.2%		
2016	630	Graduated By:	0.0%	0.0%	0.0%	12.9%	8.6%	2.2%			
		Still Enrolled:	46.7%	37.1%	31.1%	15.2%	18.3%	1.7%			
		Cohort Persistence:	46.7%	37.1%	31.1%	28.1%	26.9%	3.9%			
2017	661	Graduated By:	0.0%	0.0%	0.4%	13.3%	8.6%				
		Still Enrolled:	53.9%	39.8%	33.9%	18.2%	6.2%				
		Cohort Persistence:	53.9%	39.8%	34.3%	31.5%	14.8%				
2018	789	Graduated By:	0.0%	0.0%	0.6%	12.4%					
		Still Enrolled:	45.5%	38.7%	31.7%	31.7%	15.7%				
		Cohort Persistence:	45.5%	38.7%	32.3%	28.1%					
2019	623	Graduated By:	0.0%	0.0%	0.0%						
		Still Enrolled:	55.7%	36.3%	28.3%						
		Cohort Persistence:	55.7%	36.3%	28.6%						
2020	471	Graduated By:	0.0%	0.0%							
		Still Enrolled:	41.1%	30.1%							
		Cohort Persistence:	41.1%	30.1%							
2021	797	Graduated By:	0.0%								
		Still Enrolled:	41.1%								
		Cohort Persistence:	41.1%								
2022	545	Graduated By:									
		Still Enrolled:									
		Cohort Persistence:									

¹ Indicates the total number of new, full-time freshmen who entered the University in each fall term for that corresponding year as reported on the respective Fall Enrollment Survey, Integrated Post-secondary Education Data System (IPEDS), National Center for Education Statistics.

New First Time Freshmen Cohort by Academic Programs

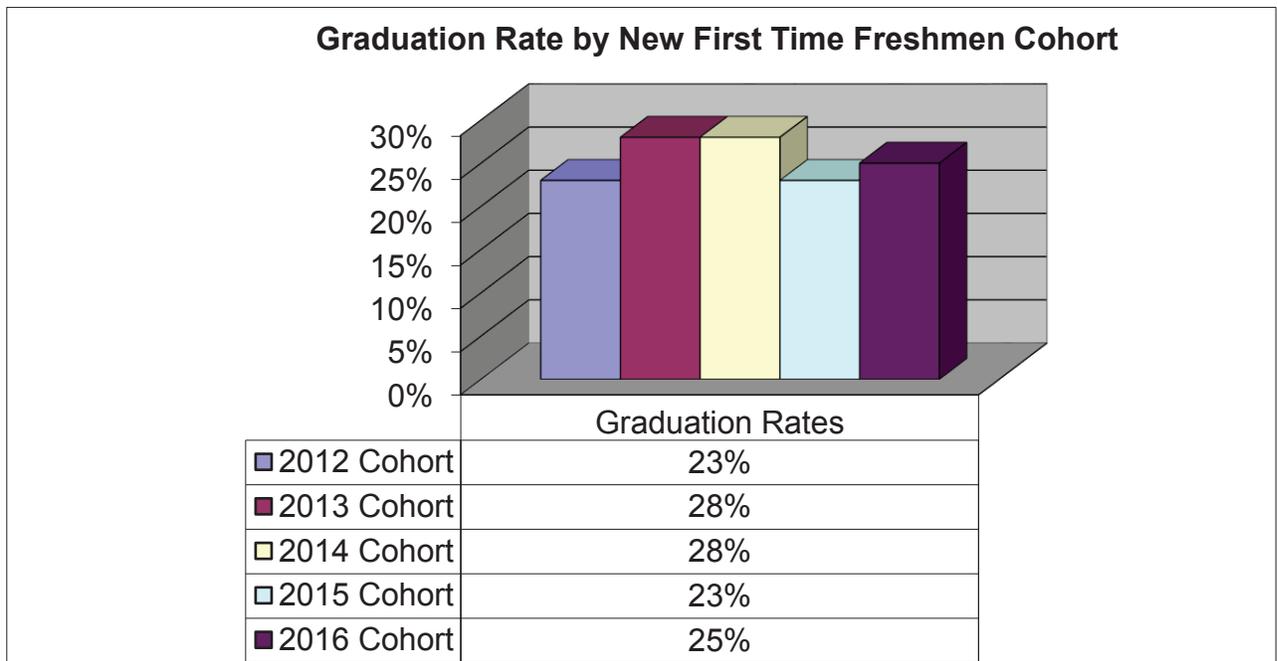
Programs	Fall 2018	%	Fall 2019	%	Fall 2020	%	Fall 2021	%	Fall 2022	%
Accounting	7	1%	4	1%	9	2%	11	1%	5	1%
Agricultural Education	6	1%	1	0%	4	1%	8	1%	0	0%
Biology	74	9%	75	12%	38	8%	51	6%	37	7%
Business Administration	151	19%	117	19%	98	21%	155	19%	115	21%
Chemistry	16	2%	10	2%	5	1%	8	1%	3	1%
Computer Science	16	2%	20	3%	18	4%	26	3%	21	4%
Criminal Justice	72	9%	59	9%	39	8%	68	8%	34	6%
Early Childhood Education	20	3%	26	4%	22	5%	21	3%	18	3%
English	10	1%	4	1%	12	3%	14	2%	0	0%
Environmental Engineering	9	1%	9	1%	5	1%	7	1%	5	1%
Exercise Science	27	3%	32	5%	24	5%	48	6%	44	8%
Graphic Design	15	2%	7	1%	12	3%	12	1%	9	2%
History	0	0%	2	0%	1	0%	1	0%	1	0%
Industrial Technology	5	1%	2	0%	1	0%	8	1%	4	1%
Integrated Language Arts Edu			1	0%	0	0%	0	0%	2	0%
Integrated Mathematics Edu			1	0%	0	0%	1	0%	1	0%
Integrated Social Studies Edu									2	0%
Interdisciplinary Studies									12	2%
Intervention Specialist	3	0%	2	0%	0	0%	1	0%	1	0%
Jazz Studies	3	0%	1	0%	0	0%	0	0%	0	0%
Journalism and Digital Media	34	4%	26	4%	10	2%	25	3%	13	2%
Life Science Education									2	0%
Manufacturing Engineering	25	3%	19	3%	8	2%	16	2%	13	2%
Mathematics	2	0%	3	0%	2	0%	7	1%	0	0%
Middle Childhood Education	4	1%	2	0%	0	0%	5	1%	0	0%
Music Education	11	1%	6	1%	6	1%	9	1%	12	2%
Music Performance	12	2%	7	1%	3	1%	7	1%	6	1%
Physical Education			2	0%	0	0%	7	1%	1	0%
Political Science	18	2%	11	2%	8	2%	13	2%	7	1%
Psychology	70	9%	53	9%	41	9%	80	10%	49	0%
Recreation	2	0%	3	0%	5	1%	1	0%	0	0%
Social Work	31	4%	29	5%	24	5%	37	5%	19	3%
Sociology	6	1%	7	1%	2	0%	5	1%	8	1%
Studio Art	10	1%	3	0%	6	1%	8	1%	7	1%
Sustainable Agriculture	2	0%	2	0%	2	0%	5	1%	3	1%
Water Resources Mgmt.	2	0%	3	0%	1	0%	4	0%	3	1%
Undeclared	127	16%	79	13%	65	14%	134	17%	88	16%
Total	789	100%	623	100%	471	100%	804	100%	545	100%

Student Retention Rates - Entering Full-time Freshmen Fall Term				
Year (Fall)	Cohort Total	Still Enrolled	Non-Persisters	Retention Rate
2017	661	356	305	54%
2018	789	359	430	46%
2019	623	347	276	56%
2020	471	194	277	41%
2021	797	330	467	41%



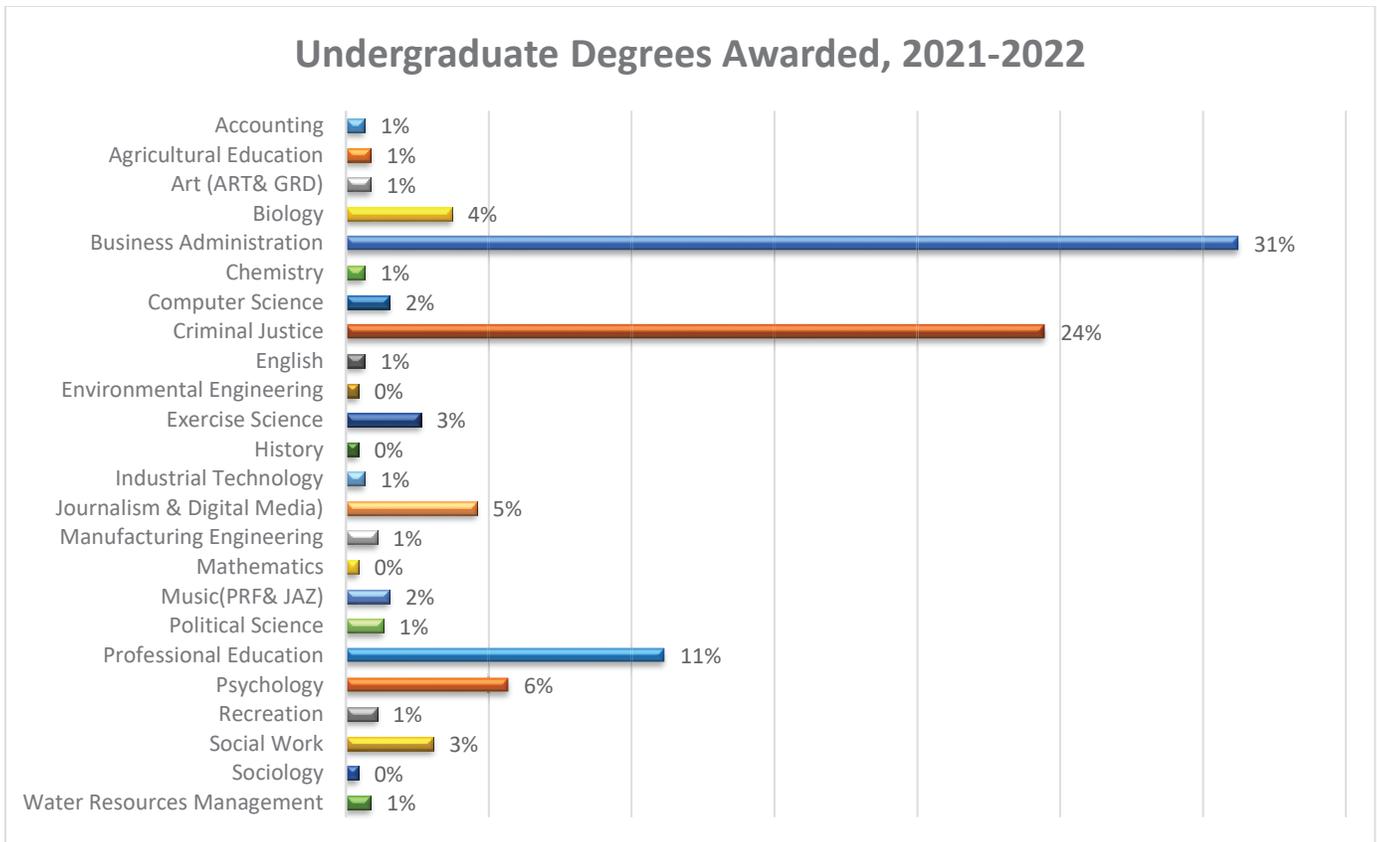
Graduation Rate by New First Time Freshmen Cohort

	Freshmen Cohort Entering in the Fall				
	2012	2013	2014	2015	2016
Total Freshmen Cohort (adjusted)	501	411	400	507	630
% Graduating within 4 years	10	15	13	8	15
% Graduating within 5 years	9	10	12	12	8
% Graduating within 6 years	4	3	3	3	2
Graduation Rates	23%	28%	28%	23%	25%



Undergraduate Degrees Awarded, 2021-2022

Major	Count	Total %	Major	Count	Total %
Accounting	3	1%	Journalism & Digital Media)	21	5%
Agricultural Education	4	1%	Manufacturing Engineering	5	1%
Art (ART& GRD)	4	1%	Mathematics	2	0%
Biology	17	4%	Music(PRF& JAZ)	7	2%
Business Administration	143	31%	Political Science	6	1%
Chemistry	3	1%	Professional Education	51	11%
Computer Science	7	2%	Psychology	26	6%
Criminal Justice	112	24%	Recreation	5	1%
English	3	1%	Social Work	14	3%
Environmental Engineering	2	0%	Sociology	2	0%
Exercise Science	12	3%	Water Resources Management	4	1%
History	2	0%			
Industrial Technology	3	1%	Total Undergraduate Degrees Awarded	458	



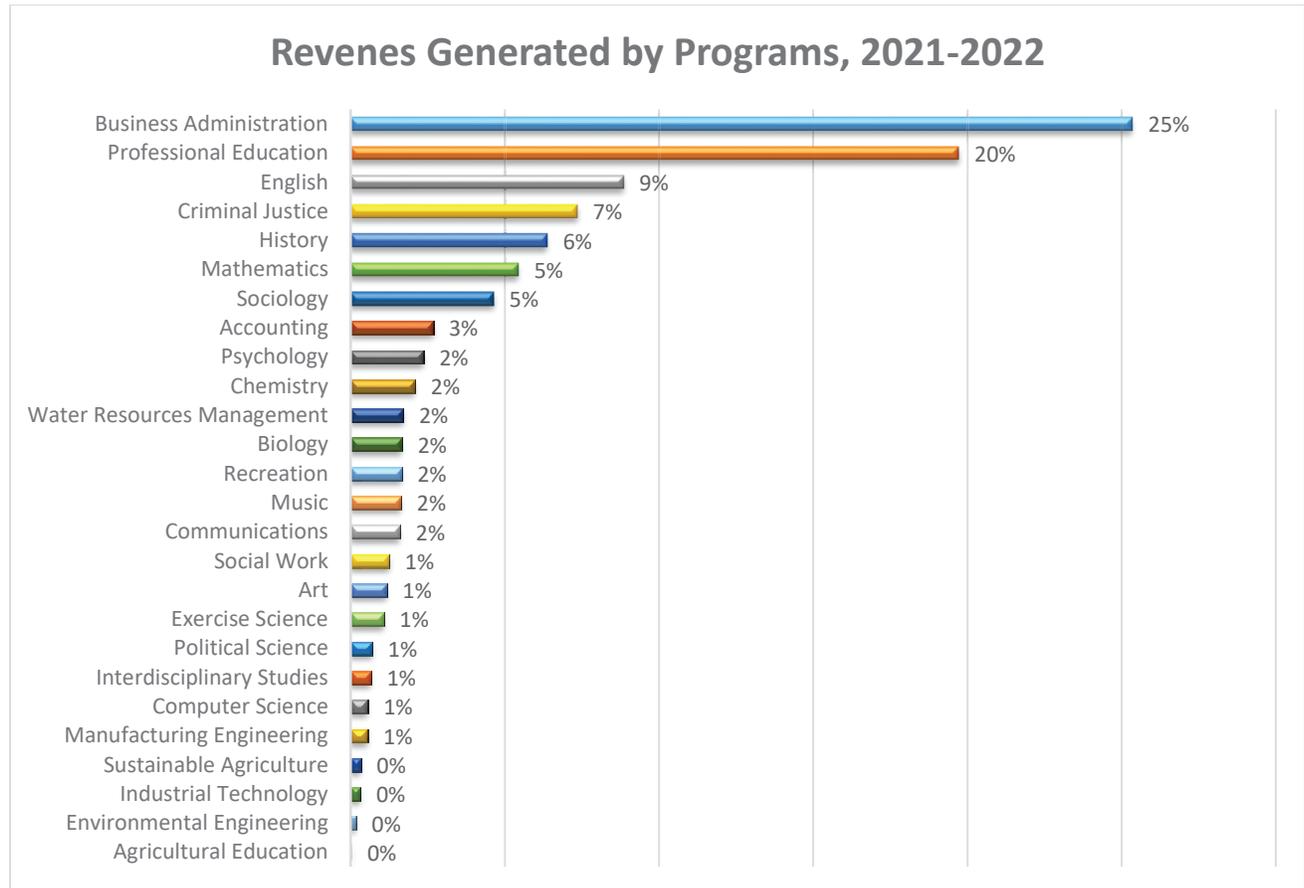
Revenues Generated by Programs, 2021-2022

The revenues generated by an academic program may come from several sources. One such source is the revenue generated based on the amount of credit hours taught during the two main semesters (fall and spring) of the academic year. Under this method, programs that teach “service course” courses, most certainly generated the majority of revenue for the University, and English and Business Administration programs generated the highest amount of revenue.

Business Administration	\$4,507,256	Chemistry	\$372,188	Political Science	\$125,246
Professional Education	3,505,931	Water Resources Management	303,271	Interdisciplinary Studies	118,145
English	1,574,780	Biology	296,492	Computer Science	99,100
Criminal Justice	1,307,017	Recreation	294,716	Manufacturing Engineering	98,293
History	1,133,512	Music	291,327	Sustainable Agriculture	60,525
Mathematics	966,786	Communications	285,355	Industrial Technology	56,813
Sociology	824,915	Social Work	223,216	Environmental Engineering	31,312
Accounting	476,453	Art	208,690	Agricultural Education	5,810
Psychology	420,124	Exercise Science	191,743		

Based on \$2421/15 credit hours generated during the 2021-2022 academic year

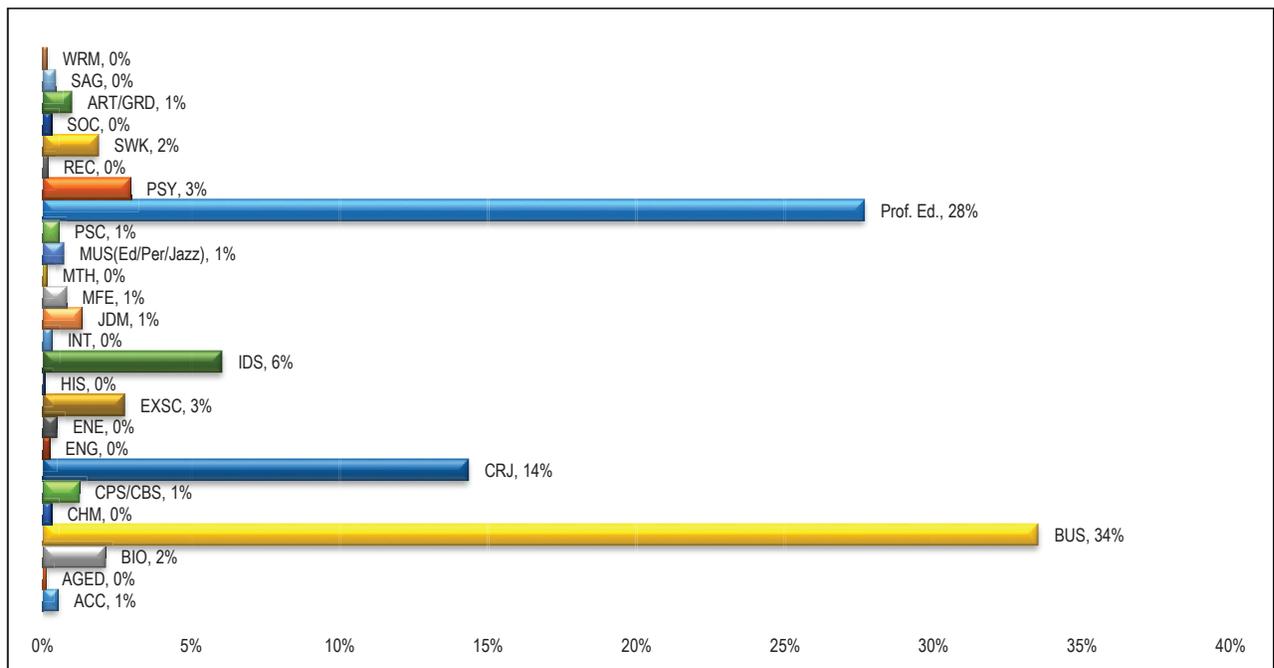
TOTAL: \$ 17,779,017



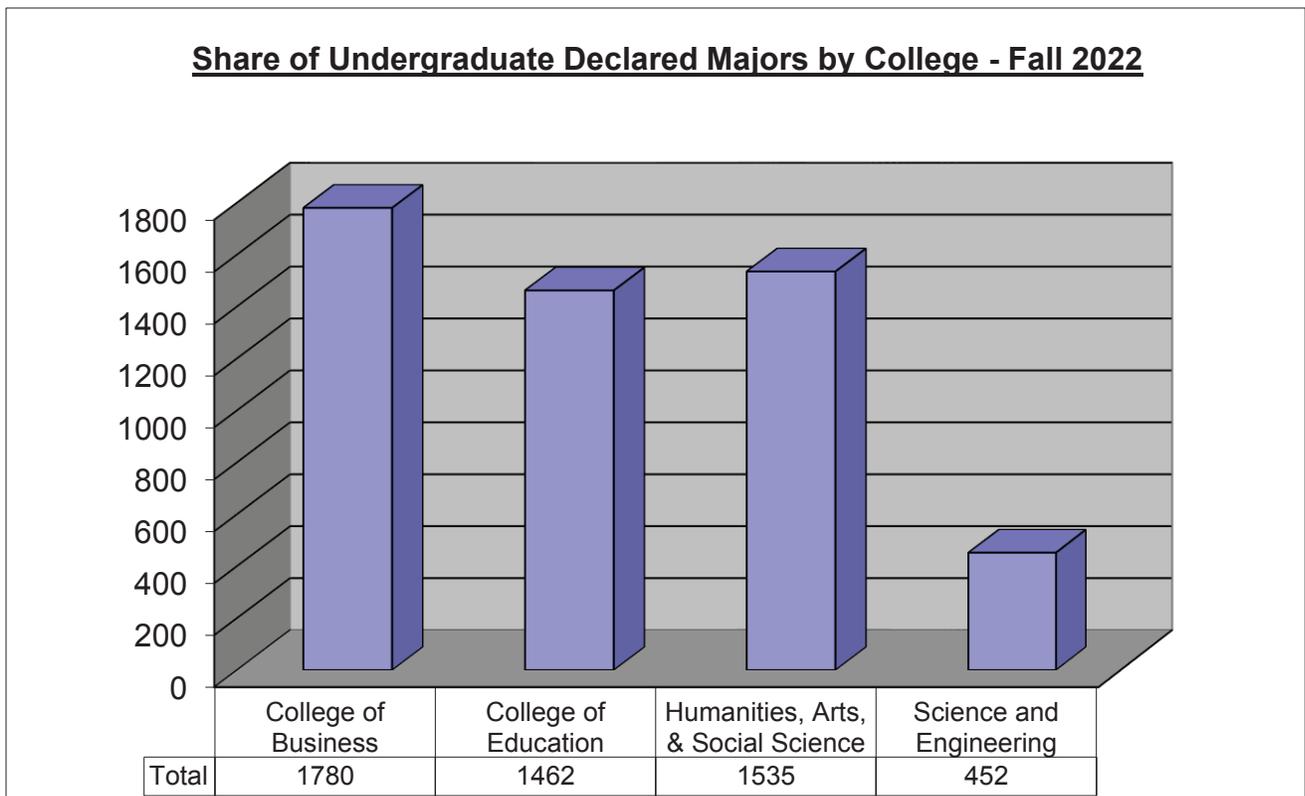
Program Enrollments

Undergraduate Enrollment by Major, Fall 2022		
Major	Total	Percent(%)
Accounting	27	0%
Agricultural Education	6	0%
Biology	110	2%
Business Administration	1753	32%
Chemistry	15	0%
Computer Science	61	1%
Criminal Justice	750	14%
Cyber Security Certificate	3	0%
Early Childhood Education	777	14%
Educational Studies	310	6%
English	12	0%
Environmental Engineering	25	0%
Exercise Science	144	3%
Graphic Design	34	1%
History	4	0%
Hum. Interdisciplinary Studies	316	6%
Industrial Technology	16	0%
Integrated Language Arts Edu	3	0%
Integrated Mathematics Edu	4	0%
Integrated Social Stud Edu	3	0%
Intervention Specialist Edu	337	6%
Jazz Studies	2	0%
Journalism and Digital Media	69	1%
Life Science Education	4	0%
Manufacturing Engineering	42	1%
Mathematics	7	0%
Middle Childhood Education	5	0%
Music Education	24	0%
Music Performance	11	0%
Physical Education	2	0%
Physical Science Education	2	0%
Political Science	28	1%
Psychology	155	3%
Recreation	9	0%
Social Work	98	2%
Sociology	15	0%
Studio Art	17	0%
Sustainable Agriculture	22	0%
Undeclared	177	3%
Water Resources Management	7	0%
Total	5406	

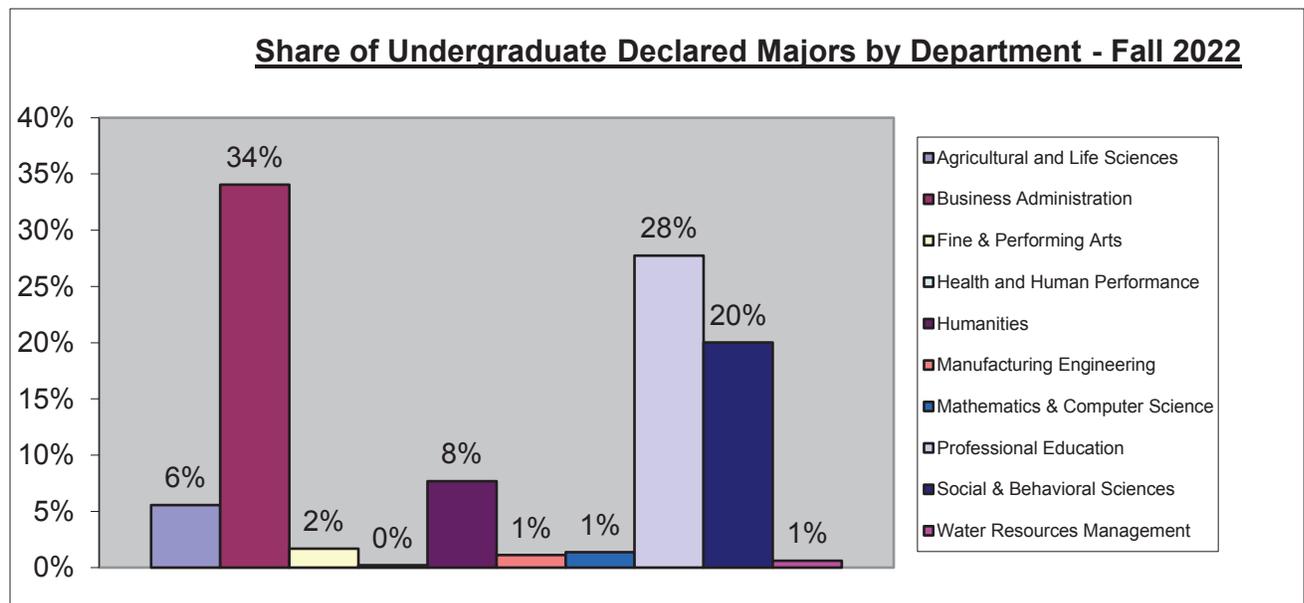
Share of Undergraduate Declared Majors, Fall 2022		
Major	Total	Percent(%)
Accounting	27	1%
Agricultural Education	6	0%
Biology	110	2%
Business Administration	1753	34%
Chemistry	15	0%
Computer Science/Cyber Security	64	1%
Criminal Justice	750	14%
English	12	0%
Environmental Engineering	25	0%
Exercise Science	144	3%
History	4	0%
Hum. Interdisciplinary Studies	316	6%
Industrial Technology	16	0%
Journalism and Digital Media	69	1%
Manufacturing Engineering	42	1%
Mathematics	7	0%
Music Performance/Music Education/Jazz Studies	37	1%
Political Science	28	1%
Professional Education	1447	28%
Psychology	155	3%
Recreation	9	0%
Social Work	98	2%
Sociology	15	0%
Studio Art/Graphic Design	51	1%
Sustainable Agriculture	22	0%
Water Resources Management	7	0%
Total	5229	



Share of Undergraduate Declared Majors by College - Fall 2022		
College	Total	Percent(%)
College of Business	1780	34%
College of Education	1462	28%
College of Humanities, Arts, and Social Sciences	1535	29%
College of Science, Engineering, and Agriculture	452	9%
Total	5229	



Share of Undergraduate Declared Majors by Department - Fall 2022		
Major	Total	Percent(%)
Agricultural and Life Sciences	291	6%
Business Administration	1780	34%
Fine & Performing Arts	88	2%
Health and Human Performance	11	0%
Humanities	401	8%
Manufacturing Engineering	58	1%
Mathematics & Computer Science	71	1%
Professional Education	1451	28%
Social & Behavioral Sciences	1046	20%
Water Resources Management	32	1%
Total	5229	



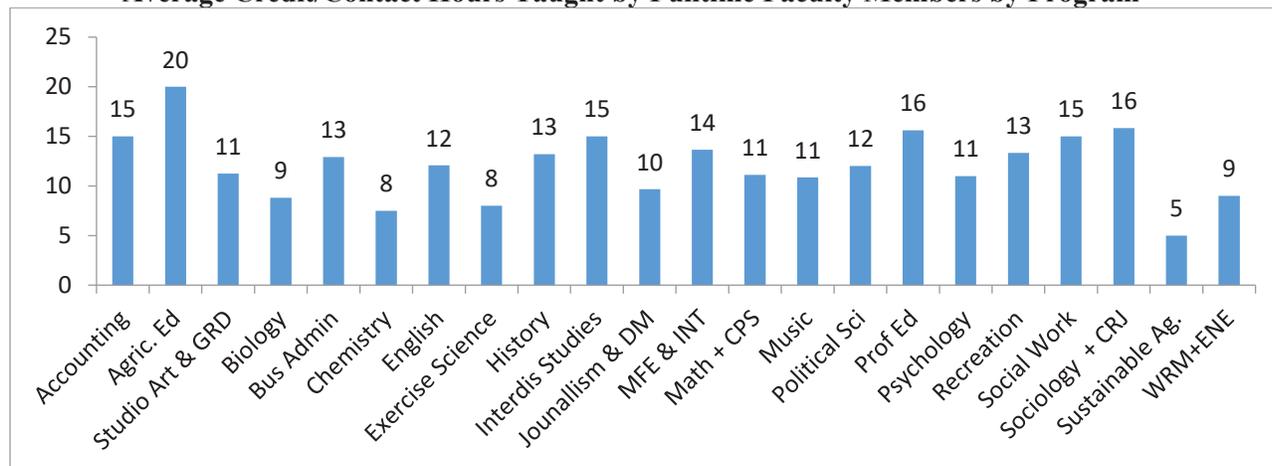
Faculty by Program

Full-time Faculty (*Instructional/Research), Fall 2022

Accounting	1	Health, PE & Recreation	3		
Agricultural Education	1	History	5	Political Science	1
Art	4	Interdisciplinary Studies	1	Professional Education	10
Biology	5	Journalism & Digital Media	3	Psychology	4
Business Administration	10	Manufacturing Engineering & Industrial Technology	6	Social Work	2
Chemistry	4	Mathematics & Computer Science	8	Sociology and Criminal Justice	6
English	14	Music	8	Sustainable Agriculture	1
Exercise Science	2	Philosophy	3	Water Resources Management & Environmental Engineering	7
Foreign Language	3	Physics	2		
TOTAL					114

*Instructional and Research Faculty

Average Credit/Contact Hours Taught by Fulltime Faculty Members by Program



Average Credit/Contact Hours Taught Annually by Faculty, 2021-2022

	Full-Time	Part-Time		Full-Time	Part-Time
Accounting	16.50	16.00	Health, Phys. Ed. & Recreation	30.50	11.00
Agricultural Education	15.00	0.00	History	25.25	18.75
Art	21.75	6.00	Interdisciplinary Studies	9.00	8.25
Biology	17.00	11.50	Manufacturing Engineering & Industrial Tech.	23.50	7.00
Business Administration	20.50	19.75	Music	22.00	6.25
Chemistry	13.75	16.75	Political Science	10.00	5.00
Communications	20.50	18.50	Psychology	19.50	8.00
Computer Science & Mathematics	23.75	14.25	Social Work	20.00	6.00
Criminal Justice	18.50	15.75	Sociology	17.00	9.75
Professional Education	29.00	15.00	Sustainable Agriculture	5.75	3.50
English	21.25	19.00	Water Res. Mgmt. & Environmental Engr.	16.00	15.00
Exercise Science	13.75	9.00			
Average				20.00	14.75

Grants and Contracts Obtained by Faculty and Staff, 2021-2022

In FY2022, Central State University received **\$50,036,610** in external funds through competitive funding vehicles.

TITLE	FUNDING AGENCY	PRINCIPAL INVESTIGATOR	TOTAL AMOUNT	DURATION	PURPOSE
Excellence in Research: Yakubovsky Calculations for Six-Nuclear Bound	National Science Foundation	Dr. Mohammadrez Hadizadeh	\$61,248	3 years	To study the properties of six-nucleon bound states (atomic number A = 6 in Yakubovsky scheme.
Scholarship Program at CSU to Increase Graduates in Agriculture and Related Fields	U.S. Department of Agriculture, NIFA	Dr. Michelle Corley	\$500,000	4 years	To provide scholarships to deserving students who are interested in enrolling or have enrolled in agricultural sciences and related fields.
Scholarship Program at CSU to Increase Graduates in Agriculture and Related Fields	U.S. Department of Agriculture, NIFA	Dr. Michelle Corley	\$526,316	4 years	To provide scholarships to deserving students who are interested in enrolling or have enrolled in agricultural sciences and related fields.
Swift Coding and App Development Summer Bootcamp	Maple Heights School District	Dr. Marvin Reid	\$6,766	1 week	A one week summer program for 20-25 high school aged students.
EXCITE: Extension Collaborative on Immunization, Teaching, and Engagements	U.S. Department of Agriculture, NIFA through the 1890 Universities Foundation	Dr. Mary Kershaw	\$26,794	1 year	A joint project between the two Land Grant 1890 and 1862 Universities to Reduce COVID-19 Hesitancy in 15 Rural Ohio Counties.

Youth Stewardship and Engagement Program	U.S. Department of Interior, National Park Service	Mr. Curtis Pettis	\$20,000	5 years	Develop plans to introduce minimities to the NPS through service wide NPS youth program initiatives, leadership training, scholar in residence program, and plans to digitize the historic collections housed at CSU connected to the periods of significance of Charles Young Buffalo Soldiers National Monument.
Effect of Heath Treatment on Mechanical Properties of Additive Manufactured Parts	Airforce Research Laboratory through the Ohio State University	Dr. Saleh Almestiri	\$74,999	1 year	To establish a deep understanding of the effect of heat treatment on the mechanical properties for stainless steel samples produced by direct metal laser sintering (DMLS), which is one of the most common techniques for metal additive manufacturing.
Targeted Infusion Project: Strengthening Undergraduate STEM Programs at Central State University	National Science Foundation	Dr. Mohammadrez Hadizadeh	\$303,242	3 years	To provide practical learning experiences for students to develop computational skills and problem-solving abilities in STEM majors.
Student Support Services 2020-2025	U.S. Department of Education	Mr. Mortenous Johnson	\$443,483	1 year	Designed to increase the retention and graduation rates of eligible students; increase and to foster an institutional climate supportive of the success of low-income and first generation college.

Sustainable Aquaculture Production of High Omega 3 Containing Fish Using a Novel Feed Additive	U.S. Department of Agriculture	Dr. Brandy Phipps	\$4,000,000	5 years	To investigate hemp as aquaculture feed to alleviate safety concerns of seafood consumption; increase economic markets and production sustainability for seafood and hemp; and improve human health.
Creating Excellence in Agriculture Workforce	U.S. Department of Agriculture	Dr. Morakinyo Kuti	\$250,000	4 years	To increase underrepresentation individuals to meet the future workforce needs for NRCS and throughout USDA.
TIP: Strengthening Undergraduate STEM Programs at Central State University	National Science Foundation	Dr. Mohammadrez Hadizadeh	\$303,242	3 years	To prepare students to use basic computational simulation and modeling tools to study complex real-life problems in STEM subjects. It provides students with a more realistic sense of STEM fields, and better prepares them for STEM careers.
Choose Ohio First Scholarship Program: Broadening Ohio Workforce through STEM-AG 2021-2025	Ohio Department of Higher Education	Dr. Morakinyo Kuti	\$275,808	4 years	Designed to address that minorities are under-represented in both educational and professional STEM and Ag fields.
HBCU - Institutional Aid	U.S. Department of Education	President Jack Thomas	\$3,210,299	1 year	To strengthen the Historically Black Colleges and Universities
HBCU - Institutional Aid (SAFRA)	U.S. Department of Education	President Jack Thomas	\$859,130	1 year	To strengthen the Historically Black Colleges and Universities

Generation of Synthetic Hyperspectral Imagery to Support Training of Machine Learning Algorithms	Airforce Research Laboratory through the Ohio State University	Dr. Xiaofang Wei	\$180,000	3 years	To improve Machine Learning algorithms for synthetic hyperspectral imagery target detection.
Fastrack Farming: A Training Program for Socially Disadvantaged and Military Veteran Beginning Farmers during the COVID 19 Pandemic	U.S. Department of Agriculture	Dr. Siddhartha Dasgupta	\$538,986	3 years	To collaborate with community-based organizations in Ohio to train socially disadvantaged and military veteran beginning farmers to start and manage viable farms.
Mental Health Equity in Minority Populations	U.S. Department of Health and Human Services through Ohio Mental Health and Addiction Services	Dr. Karen Mathews	\$50,000	2 months	CSU's project will involve extensive use of focus groups comprised of members of the campus population. Counseling Services (CS) recognizes the strong connection between mental health services and alcohol and substance abuse services. Building upon this connection and scrutinizing the results of the above surveys, the CSU Counseling Services Center will partner with Dr. Omesh Johar, an Associate Professor of Psychology and Interim Chair of the Social and Behavioral Sciences Department. Dr. Johar is experienced in designing surveys and eliciting information from focus groups.

Building Extension Capacity Around Legacy Planning for Woodland Owners	U.S. Department of Agriculture through Board of Regents of the University of Wisconsin	Ms. Leslie Horner	\$6,000	5 months	To create a video in which woodland owners discuss their varying experiences with legacy planning.
Building Viability of Socially Disadvantaged Farms in Ohio Using Outreach, Technical Assistance, and USDA Programs	U.S. Department of Agriculture	Dr. Siddhartha Dasgupta	\$566,148	3 years	Provide training and technical assistance to Ohio's socially disadvantaged farmers and youth from persistent poverty regions.
Building Capacity at CSU to Foster Disaster Preparedness and Climate Resilient Agriculture in Bahamas	U.S. Department of Agriculture	Dr. Sakthi Subburayalu	\$10,000	4.5 months	Build capacity at CSU to foster food security and defense in the Bahamas by establishing strategic partnerships with Bahamian stakeholders and gaining knowledge of their food system vulnerabilities in cases of natural disasters.
Improving Mathematics Instruction for STEAM Students	U.S. Department of Education	Dr. Bhupendra Paudyal	\$249,060	1 year	Innovative strategies that have the potential to lead to significant and wide-reaching improvements in the delivery of educational services and tangible educational benefits to students.
Center for Connected Automated Transportation Region 5 UTC	U.S. Department of Transportation through the University of Michigan	Dr. Krishnakumar Nedunuri	\$50,000	2 years	To study air pollutants under different traffic congestion scenarios along selected freeways in Ohio.

Save a Life Campaign	Corporation for Public Broadcasting through KTSU	Mr. Charles Fox	\$7,000	11 months	An educational initiative and collaboration with 15 HBCU Black Public Radio stations that will help bring awareness to the African American communities concerning COVID-19.
WCSU Radio Station Subsidy	Broadcast Educational Media Communication	Mr. Charles Fox	\$30,920	1 year	To serve Ohio's public television stations, public radio stations and radio reading services as a facilitator of infrastructure, content and funding resources.
Central State University STEM Research Workforce Academy	U.S. Department of Agriculture through 1890 Universities Foundation	Dr. Michelle Corley	\$100,000	7 months	To train underrepresented minority (URM) students with the skills and education needed to pipeline to the Food, Agriculture, Natural Resource and Human Sciences (FANRHS) workforce, through experiential learning in agriculture and food industries; science, technology, engineering, and mathematics (AGRI-STEM).

OER Affordable Learning Solutions Pilot Project	National Science Foundation through Tennessee State University	Dr. Arletha McSwain	\$12,000	1 year	<p>The OER (Open Education Resources) - Affordable Learning Solutions (AL\$) Pilot Project is designed to effectively and efficiently assist CENTRAL STATE UNIVERSITY in:</p> <ul style="list-style-type: none"> • Saving their students significant amounts of money in purchasing course materials • Supporting faculty professional development activities that enable HBCU faculty to effectively, efficiently, and sustainably adopt free and open educational resources for their required course materials • Institutionalize their AL\$ program and over time, scale and sustain the adoption of free and open educational resources in a continuously growing number of course sections within HBCUs and community colleges.
Advancing Education and Training in Hemp Production, Processing and Value-Added Product Development for Minority and Underrepresented Student Populations	U.S. Department of Agriculture through 1890 Universities Foundation pass-through	Dr. Craig Schluttenhofer	\$49,989	6 MONTHS	Developing educational resources for student training in hemp production, extraction and value-added products.
College of Engineering, Science, Technology, and Agriculture (CESTA) Facilities for Advancement	U.S. Department of Agriculture	Dr. Michelle Corley	\$424,772	1.5 years	To maintain and to further enhance teaching, extension program delivery and research capacities.

CSU STEM Academy	RTI International pass-through from U.S. Department of Defense	Dr. Ibrahim Katampe	\$54,102	1 year	Overall program outcomes include: Increasing the number of underrepresented and military-connected HS graduates pursuing a path to the STEM workforce. Increasing the number of underrepresented and military-connected HS graduates pursuing a STEM degree from an HBCU.
Ohio Program for Campus Safety and Mental Health FY21 Earmark	Northeast Ohio Medical University through the State of Ohio	Dr. Sonia Hunt	\$4,985	9 months	Ohio Program for Campus Safety and Mental Health FY21 Earmark
The Ohio LSAMP Alliance	National Science Foundation through the Ohio State University	Dr. Ramanitharan Kandiah	\$40,000	1 year	To increase the number of underrepresented students completing doctoral studies in STEM fields.
Regionally Aligned Priorities in Delivering Skills (RAPIDS)	Ohio Department of Higher Education	Dr. Arunasalem Rahunathan	\$88,569	2 years	To acquire equipment related to advanced manufacturing and cybersecurity. Seven institutions from the West Ohio region that are collaborating on the proposed program are Wright State University – Dayton Campus (WSU-Dayton), Wright State University – Lake Campus (WSU-Lake), Central State University (CSU), University of Dayton (UD), Sinclair Community College (SCC), Edison State Community College (ESCC), and Clark State College (CSC).

GEER Mental Health Support Grant	U.S. Department of Education through Ohio Department of Higher Education	Dr. Sonia Hunt	\$35,000	6 MONTHS	To continue Counseling Service efforts and to increase efforts and programming by enlisting students to be Wellness Advocates.
Central State University STEM Research Workforce Academy		Dr. Michelle Corley	\$100,000		Create the Central State University and Sinclair Community College STEM Academy which is designed to provide under-served and military-connected students with a seamless pathway and support structure to pursue 4 STEM pathways ultimately leading to 11 degrees at SCC and on through CSU.
Apple Community Education Initiative	Apple	Dr. Marvin Reid	\$25,000	1 year	To support the participation in the HBCU C2 Teaching and Learning Initiative while serving a community Center.
GP-GO: Integrating Spatial Literacy into Geoscience: Bridging the Gap Between Education and Workforce in the U.S.	National Science Foundation through Bowling Green State University	Dr. Sakthi Subburayalu	\$10,572	1 year	To lead a multi-cultural student recruitment committee
<i>Evans Allen Research 2019-2021 - ODHE (FFY20 additional)</i>	Ohio Department of Higher Education	Dr. Michelle Corley	\$575,900	2 years	
<i>Cooperative Extension 2019-2021 - ODHE (FFY20 additional)</i>	Ohio Department of Higher Education	Dr. Michelle Corley	\$890,420	2 years	
<i>Evans Allen Research 2020-2022 Match - ODHE FFY21additional</i>	Ohio Department of Higher Education	Dr. Michelle Corley	\$1,097,320	2 years	

<i>Cooperative Extension 2020-2022 Match - ODHE FFY21 additional</i>	Ohio Department of Higher Education	Dr. Michelle Corley	\$1,334,673	2 years	
<i>McIntire-Stennis Cooperative Forestry Research 2020-2022 Match - OHDE FFY21 additional</i>	Ohio Department of Higher Education	Dr. Michelle Corley	\$3,890	2 years	
Evans Allen Research FFY22 (1 and 2 Q)	U.S. Department of Agriculture, NIFA	Dr. Michelle Corley	\$1,662,461	2 years	CSU will take a systems approach as it engages in work ahead to serve the State of Ohio and the Nation. The systems approach will place emphasis on small and under-represented farmers, as well as other stakeholders in the State of Ohio. The knowledge gained by CSU will be shared with the U. S. and other nations globally. The systems will include (i) Plant Systems; (ii) Animal Systems; (iii) Food Nutrition and Health Systems; (iv) Natural Resources and Environmental Systems; and (v) Social and Allied Systems.

<p>Evans Allen Research State Match FFY22</p>	<p>Ohio Department of Higher Education</p>	<p>Dr. Michelle Corley</p>	<p>\$4,303,550</p>	<p>2 years</p>	<p>CSU will take a systems approach as it engages in work ahead to serve the State of Ohio and the Nation. The systems approach will place emphasis on small and under-represented farmers, as well as other stake holders in the State of Ohio. The knowledge gained by CSU will be shared with the U. S. and other nations globally. The systems will include (i) Plant Systems; (ii) Animal Systems; (iii) Food Nutrition and Health Systems; (iv) Natural Resources and Environmental Systems; and (v) Social and Allied Systems.</p>
<p>Cooperative Extension FFY22(1 and 2 Q)</p>	<p>U.S. Department of Agriculture, NIFA</p>	<p>Dr. Michelle Corley</p>	<p>\$1,618,141</p>	<p>5 years</p>	<p>CSU CEP will assist farmers by guiding them on alternate crops, specialty crops including horticultural crops, aquaponics/hydroponics, bee keeping, soil health, and in sustainable agriculture, while maintaining the integrity of the agricultural eco systems.</p>

<p>Cooperative Extension State Match FFY22</p>	<p>Ohio Department of Higher Education</p>	<p>Dr. Michelle Corley</p>	<p>\$4,188,821</p>	<p>5 years</p>	<p>CSU CEP will assist farmers by guiding them on alternate crops, specialty crops including horticultural crops, aquaponics/hydroponics, bee keeping, soil health, and in sustainable agriculture, while maintaining the integrity of the agricultural eco systems.</p>
<p>Central State University Expanded Food and Nutrition Education Program 2021-2026 (1 and 2 Q)</p>	<p>U.S. Department of Agriculture</p>	<p>Dr. Michelle Corley</p>	<p>\$67,749</p>	<p>5 years</p>	<p>CSU CEP’s Family and Consumer Science/EFNEP program will continue to partner with CSU’s Food and Nutrition and Health Systems researchers to provide up to date research-based information to our stakeholders. It is no secret that there is a direct correlation between poverty and poor nutrition. To support our 1890 Land Grant mission, CSU CEP will continue to provide Diabetes Empowerment Education Program (DEEP) to minority, socially disadvantaged, and economically depressed stakeholders, hold demonstrations in incorporating more vegetables and fruits in their diets, and provide exercise options that can be done at home with no specialized equipment that are easy</p>

					on time demands of busy adults.
McIntire-Stennis 2021-2023 FFY22 (1 and 2Q)	U.S. Department of Agriculture	Dr. Michelle Corley	\$44,626	2 years	
McIntire Stennis 2021-2023 ODHE	Ohio Department of Higher Education	Dr. Michelle Corley	\$115,521	3 years	

A Sustainable Approach to Control Varroa Mites-Improving the Quality of Queens using Local Resources	U.S. Department of Agriculture through University of Minnesota	Dr. Hongmei Li-Byarlay	\$249,998	3 years	To promote sustainable apiculture by developing workshops and classes on queen rearing and instrumental inseminations to educate bee farmers and beekeepers, conducting research on the flight ability, stress resistance, and genomic markers of local feral bees.
1890 LGU consortium (CFSRPES)	U.S. Department of Agriculture through 1890 Universities Foundation	Dr. Michelle Corley	\$60,000	2 years	With the help of public and private partners, proposes to work with groups of socially disadvantaged and underserved farmers and ranchers to focus on substantially increasing fruit, vegetable, and cattle production value-addition strategies to increase profitability.
Developing a Low Cost Raspberry Drip Irrigation Robot	U.S. Department of Agriculture through Ohio Department of Agriculture	Dr. Rajveer Dhillon	\$95,000	2 years	To enhance the competitiveness of specialty crops and increasing access.
COVID 19 Digital Divide	Association of American Geographers	Dr. Xiaofang Wei	\$10,000	1 year	To purchase laptops and mobile Wi-Fi

1890 Universities Center of Excellence for Global Food Security and Defense through University of Maryland Eastern Shore	U.S. Department of Agriculture through 1890 Universities Foundation	Dr. Michelle Corley	\$49,996	8 months	This pilot project will build capacity at Central State University (CSU) to foster food security and defense in the Bahamas by establishing strategic partnerships with Bahamian stakeholders and gaining knowledge of their food system vulnerabilities in cases of natural disasters.
Scholarship Program at CSU to Increase Graduates in Agriculture and Related Fields	U.S. Department of Agriculture, NIFA	Dr. Michelle Corley	\$500,000	4 years	To provide scholarships to deserving students who are interested in enrolling or have enrolled in agricultural sciences and related fields.
I Educate Montgomery County	U.S. Department of Education through Wright State University	Dr. Rajeev Swami	\$67,370	10 months	Strengthen the Early Childhood Education Pathway and develop new in-demand program pathways for students transferring from Sinclair Community College and from high school to teacher licensure programs.
C2 Coding and App Development Learning Series	Maple Heights School District	Dr. Marvin Reid	\$3,243	NA	A nine week coding and app development learning series for the Maple Heights School District.

<p>Development of a Holistic Nano Photocatalytic Approach for Controlling Agriculturally-Induced Algal Blooms and Associated Cyanotoxins in Lake</p>	<p>U.S. Department of Agriculture, NIFA</p>	<p>Dr. Ning Zhang</p>	<p>\$599,982</p>	<p>3 years</p>	<p>To build CSU with research capacity on developing and expanding economically viable and environmentally compatible water treatment technology, through developing advanced oxidation process for microcystins destruction. The project will offer CSU Environmental Engineering (ENE) students with holistic training in novel water system designing and further strengthen the ENE program in enhancing the capacity in engineering design curricula to meet the ABET accreditation requirements.</p>
<p>Introducing Ergonomics Safety in Agriculture Production through Use of a Movement Studies Lab</p>	<p>U.S. Department of Agriculture, NIFA</p>	<p>Dr. Kathleen Carter</p>	<p>\$597,461</p>	<p>3 years</p>	<p>Designed to expand exercise science (EXS) research to include the ergonomics of farm safety, as well as develop an ergonomics curriculum within the EXS program.</p>

Central State University Upward Bound: Dayton City and Jefferson Township Local Schools	U.S. Department of Education	Mr. John Anene	\$312,480	5 years	To serve 63 students from Jefferson High School in Jefferson Township, Ohio, and Meadowdale and Thurgood Marshall High Schools in Dayton, Ohio. The program will address the three Competitive Preference Priorities: demonstrate a rationale; meet social, emotional, and academic needs; and strengthen cross-agency coordination and community engagement.
Sustainable Aquaculture Production of High Omega 3 Containing Fish Using a Novel Feed Additive	U.S. Department of Agriculture	Dr. Brandy Phipps	\$6,000,000	5 years	To investigate hemp as aquaculture feed to alleviate safety concerns of seafood consumption; increase economic markets and production sustainability for seafood and hemp; and improve human health.
CSU STEM Academy	RTI International pass-through from U.S. Department of Defense	Dr. Ibrahim Katampe	\$71,898	1 year	Overall program outcomes include: Increasing the number of underrepresented and military-connected HS graduates pursuing a path to the STEM workforce. Increasing the number of underrepresented and military-connected HS graduates pursuing a STEM degree from an HBCU.

Hanif Abdurraqib Presents: A Celebration of Black Performance	U.S. National Endowment for the Humanities through the Ohio Humanities	Dr. Jennifer Cruz	\$2,000	1 year	To bring Hanif Abdurraqib, a 2021 MacArthur "Genius" Award Recipient, to Central State University's campus during the Spring semester for a masterclass with CSU students and a public reading.
McIntire Stennis 2021-2023 ODHE	Ohio Department of Higher Education	Dr. Morakinyo Kuti	-\$3,233	3 years	
McIntire-Stennis 2021-2023 FFY22 (3 and 4th Q)	U.S. Department of Agriculture	Dr. Morakinyo Kuti	\$67,662	2 years	
Renewable Resources Extension Act Program	U.S. Department of Agriculture	Dr. Morakinyo Kuti	\$13,500	2 years	

<p>Central State University Expanded Food and Nutrition Education Program 2021-2026 (3 and 4Q)</p>	<p>U.S. Department of Agriculture</p>	<p>Dr. Morakinyo Kuti</p>	<p>\$107,632</p>	<p>5 years</p>	<p>CSU CEP’s Family and Consumer Science/EFNEP program will continue to partner with CSU’s Food and Nutrition and Health Systems researchers to provide up to date research-based information to our stakeholders. It is no secret that there is a direct correlation between poverty and poor nutrition. To support our 1890 Land Grant mission, CSU CEP will continue to provide Diabetes Empowerment Education Program (DEEP) to minority, socially disadvantaged, and economically depressed stakeholders, hold demonstrations in incorporating more vegetables and fruits in their diets, and provide exercise options that can be done at home with no specialized equipment that are easy on time demands of busy adults.</p>
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<p>Evans Allen Research FFY22 (3 and 4 Q)</p>	<p>U.S. Department of Agriculture, NIFA</p>	<p>Dr. Morakinyo Kuti</p>	<p>\$3,249,412</p>	<p>2 years</p>	<p>CSU will take a systems approach as it engages in work ahead to serve the State of Ohio and the Nation. The systems approach will place emphasis on small and under-represented farmers, as well as other stake holders in the State of Ohio. The knowledge gained by CSU will be shared with the U. S. and other nations globally. The systems will include (i) Plant Systems; (ii) Animal Systems; (iii) Food Nutrition and Health Systems; (iv) Natural Resources and Environmental Systems; and (v) Social and Allied Systems.</p>
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<p>Evans Allen Research State Match FFY22 (adjustment due to Q4 final federal funding)</p>	<p>Ohio Department of Higher Education</p>	<p>Dr. Morakinyo Kuti</p>	<p>\$608,323</p>	<p>2 years</p>	<p>CSU will take a systems approach as it engages in work ahead to serve the State of Ohio and the Nation. The systems approach will place emphasis on small and under-represented farmers, as well as other stake holders in the State of Ohio. The knowledge gained by CSU will be shared with the U. S. and other nations globally. The systems will include (i) Plant Systems; (ii) Animal Systems; (iii) Food Nutrition and Health Systems; (iv) Natural Resources and Environmental Systems; and (v) Social and Allied Systems.</p>
<p>Cooperative Extension FFY22 (3 and 4 Q)</p>	<p>U.S. Department of Agriculture, NIFA</p>	<p>Dr. Morakinyo Kuti</p>	<p>\$2,837,232</p>	<p>5 years</p>	<p>CSU CEP will assist farmers by guiding them on alternate crops, specialty crops including horticultural crops, aquaponics/hydroponics, bee keeping, soil health, and in sustainable agriculture, while maintaining the integrity of the agricultural eco systems.</p>

Cooperative Extension State Match FFY22 (adjustment due to Q4 final federal funding)	Ohio Department of Higher Education	Dr. Morakinyo Kuti	\$266,552	5 years	CSU CEP will assist farmers by guiding them on alternate crops, specialty crops including horticultural crops, aquaponics/hydroponics, bee keeping, soil health, and in sustainable agriculture, while maintaining the integrity of the agricultural eco systems.
Central State University Workforce and Business Development Center project	U.S. Department of Commerce	Dr. Morakinyo Kuti	\$3,582,160	3.5 years	To establish The Central State University Workforce & Business Development Center to provide employment-related training, entrepreneurship skills development, and education to the underserved communities in the targeted areas.
Accelerating the Transition to Climate-Smart Agriculture by Bolstering the Extension to Midwest Climate Hub Connection	U.S. Department of Agriculture through the Ohio State University	Dr. Alcinda Folck	\$102,157	2 years	To expand participation in the stakeholder groups to include farmers from underserved and underrepresented audiences such as minority, veteran, limited resource, and beginning farmers.

Budding Communication: Improving Sustainability and Communication in the Ohio Cut Flower Supply Chain with Availability Calendar and Database	U.S. Department of Agriculture through University of Minnesota	Dr. Alcinda Folck	\$40,000	2 years	This project will gather data from farmers on field-grown and high tunnel flower production in Ohio including flower species grown, length of growing season, and bloom availability based on regional differences in Ohio.
Choose Ohio First Scholarship Program: STEM Innovation and Marauder Honors Scholarships (SIMHS)	Ohio Department of Higher Education	Drs. Paul Schlag and Manizheh Nafari	\$53,870	5 years	Aims to significantly strengthen Ohio's competitiveness within STEM disciplines, particularly in mathematics and pre-service STEM education. It will also broaden Ohio's workforce as economically disadvantaged individuals are recruited into the STEM fields, thereby increasing the state's capacity to compete in a global environment.
I Educate Dayton Region	U.S. Department of Education through Wright State University	Dr. Rajeev Swami	\$68,280	2 years	Central State University is working as a higher education partner with Wright State University, the University of Dayton, Miami University, and Montgomery County Educational Services Center to increase recruitment and retention of teacher candidates to address urgent shortages.

Watershed Services Agricultural Conservation Framework	Ohio Environmental Protection Agency	Dr. Sakthi Subburayalu	\$35,000	1 year	To provide watershed planning services.
College of Engineering, Science, Technology, and Agriculture (CESTA) Facilities for Advancement	U.S. Department of Agriculture	Dr. Michelle Corley	\$637,157	1.5 years	To maintain and to further enhance teaching, extension program delivery and research capacities.
College of Engineering, Science, Technology, and Agriculture (CESTA) Facilities for Advancement	U.S. Department of Agriculture	Dr. Michelle Corley	\$353,976	1.5 years	To maintain and to further enhance teaching, extension program delivery and research capacities.

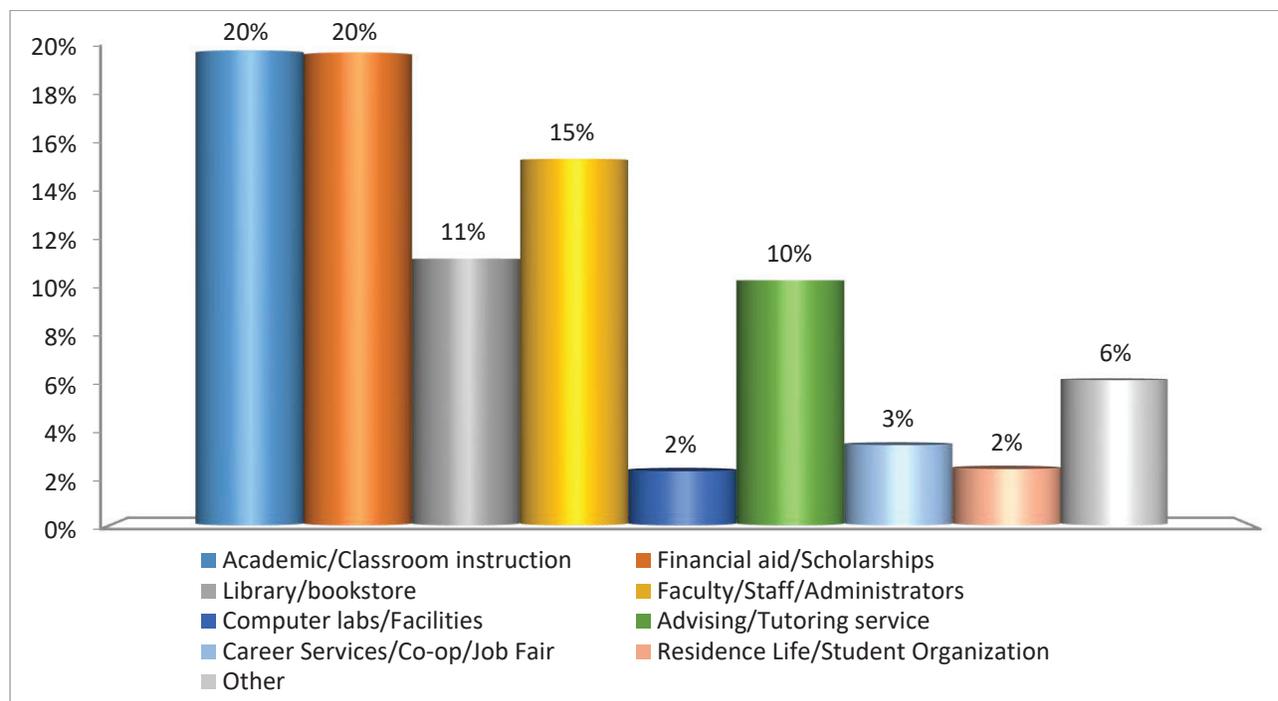
Seniors' Experiences

To allow the University to improve academic programs and the performance of its students, Central State University's Office of Institutional Research conducts a survey of senior students every year. This survey provides the University information on student's experiences, perception of academic services that support student performance, classroom instruction and faculty advising. The following are the results summarizing graduating senior experiences and satisfaction related to services supporting student academic performance, instruction and faculty advising.

<p>Level of satisfaction with education received</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Very/Mildly satisfied</td> <td style="text-align: right; padding: 2px;">66%</td> </tr> <tr> <td style="padding: 2px;">Neutral</td> <td style="text-align: right; padding: 2px;">14</td> </tr> <tr> <td style="padding: 2px;">Very/Mildly unsatisfied</td> <td style="text-align: right; padding: 2px;">20</td> </tr> <tr> <td style="padding: 2px;">No Response</td> <td style="text-align: right; padding: 2px;">0</td> </tr> </table>	Very/Mildly satisfied	66%	Neutral	14	Very/Mildly unsatisfied	20	No Response	0	<p>Maximized my educational opportunities</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Strongly/Mildly believe I did</td> <td style="text-align: right; padding: 2px;">94%</td> </tr> <tr> <td style="padding: 2px;">Neutral</td> <td style="text-align: right; padding: 2px;">4</td> </tr> <tr> <td style="padding: 2px;">Strongly/Mildly believe I did not</td> <td style="text-align: right; padding: 2px;">2</td> </tr> <tr> <td style="padding: 2px;">No Response</td> <td style="text-align: right; padding: 2px;">0</td> </tr> </table>	Strongly/Mildly believe I did	94%	Neutral	4	Strongly/Mildly believe I did not	2	No Response	0																																																																		
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Self	20																																																																																		
Advising/Mentoring Office	15																																																																																		
Office of the Registrar	11																																																																																		
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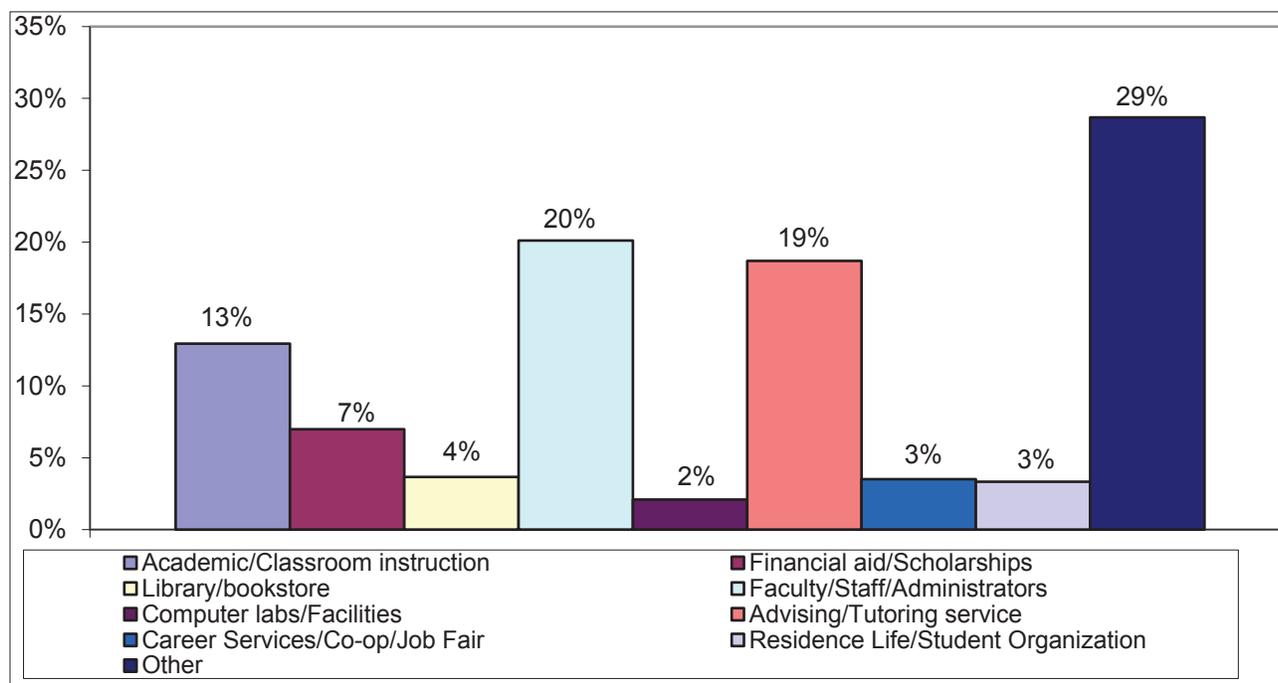
SOURCE: Spring 2023 *Graduating Senior Survey*

Areas in Which Graduating Seniors Felt Central State Excelled in Supporting Student Academic Performance



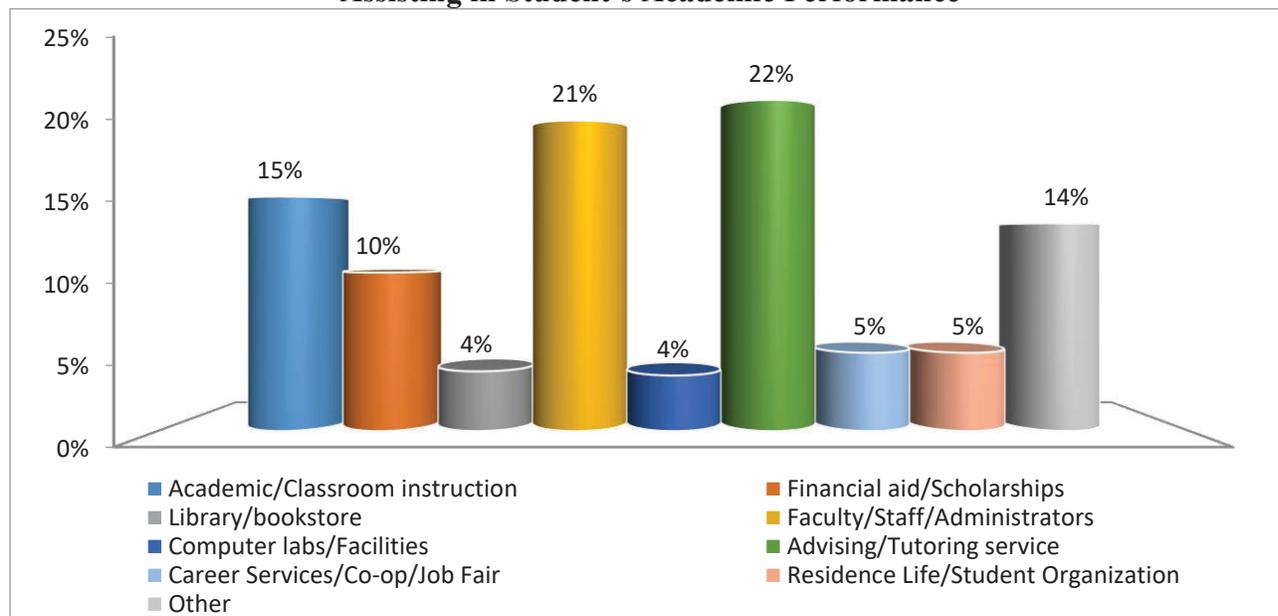
SOURCE: Spring 2023 *Graduating Senior Survey*

Areas in Which Graduating Seniors Felt Barriers at Central State that Negatively Affected their Academic Performance



SOURCE: Spring 2023 *Graduating Senior Survey*

Areas in Which Graduating Seniors Felt Central State Need Improvement in Assisting in Student’s Academic Performance



SOURCE: Spring 2023 *Graduating Senior Survey*

Faculty Advising

The academic mission at Central State University includes teaching, research, and advising. For the full-time faculty member, she or he will have varying levels of emphasis on each of these endeavors based on discipline, number of available faculty advisors, number of students in the major and qualifications. While there is no “optimum” faculty advisor to student ratio, it is clear that some faculty were required to place more emphasis on advising duties than their peers at the University. The following ratios are based on all full-time faculty serving as advisors during Fall 2022 even though not all faculty members advise.

Accounting	1:27
Agricultural Education	1:06
Art	1:13
Biology	1:22
Business Administration	1:175
Chemistry	1:04
English	1:01
Exercise Science	1:72
Health, PE and Recreation	1:03
History	1:01
Interdisciplinary Studies	1:316
Journalism & Digital Media	1:23
Manufacturing Engineering & Industrial Technology	1:10
Mathematics + Computer Science	1:09
Music	1:05
Political Science	1:28
Professional Education	1:145
Psychology	1:39
Sociology and Criminal Justice	1:128
Social Work	1:49
Sustainable Agriculture	1:22
Water Resources Management, Environmental Engineering	1:05

Question Mean Analysis

Role: Course Evaluation Administrator, Central State University

Evaluation: IDEA Learning Essentials (2016)

Term: Fall 2022

Organization Unit: **Central State University**

Listed By Question Set

IDEA Learning Essentials (2016)

Evaluation Questions	Mean	Standard Deviation	# of Classes
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories) Question Mean Details</p>	3.99	1.09	1034
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures Question Mean Details</p>	3.78	1.25	1034

Evaluation Questions	Mean	Standard Deviation	# of Classes
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Learning to <i>apply</i> course material (to improve thinking, problem solving, and decisions) Question Mean Details</p>	3.94	1.15	1034
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course Question Mean Details</p>	3.92	1.17	1034
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Acquiring skills in working with others as a member of a team Question Mean Details</p>	3.57	1.38	1034

Evaluation Questions	Mean	Standard Deviation	# of Classes
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Developing creative capacities (inventing; designing; writing; performing in art, music, drama, etc.) Question Mean Details</p>	3.53	1.4	1034
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.) Question Mean Details</p>	3.56	1.4	1034
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Developing skill in expressing myself orally or in writing Question Mean Details</p>	3.76	1.29	1034

Evaluation Questions	Mean	Standard Deviation	# of Classes
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Learning how to find, evaluate, and use resources to explore a topic in depth Question Mean Details</p>	3.87	1.22	1034
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Developing ethical reasoning and/or ethical decision making Question Mean Details</p>	3.74	1.28	1034
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Learning to <i>analyze</i> and <i>critically evaluate</i> ideas, arguments, and points of view Question Mean Details</p>	3.79	1.26	1034

Evaluation Questions	Mean	Standard Deviation	# of Classes
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Learning to apply knowledge and skills to benefit others or serve the public good Question Mean Details</p>	3.78	1.27	1034
<p>Thirteen possible learning objectives are listed, not all of which will be relevant in this class. Describe the amount of progress you made on each (even those not emphasized in this class) by using the following scale:</p> <ul style="list-style-type: none"> • No apparent progress • Slight progress; I made small gains on this objective • Moderate progress; I made some gains on this objective • Substantial progress; I made large gains on this objective • Exceptional progress; I made outstanding gains on this objective <p>- Learning appropriate methods for collecting, analyzing, and interpreting numerical information Question Mean Details</p>	3.61	1.37	1034
<p>For the following items, choose the option that best corresponds to your judgment. - As a rule, I put forth more effort than other students on academic work. Question Mean Details</p>	3.94	0.93	1033
<p>For the following items, choose the option that best corresponds to your judgment. - I really wanted to take this course regardless of who taught it. Question Mean Details</p>	3.92	1.22	1033
<p>For the following items, choose the option that best corresponds to your judgment. - My background prepared me well for this course's requirements. Question Mean Details</p>	3.91	1.13	1033
<p>For the following items, choose the option that best corresponds to your judgment. - Overall, I rate this instructor an excellent teacher. Question Mean Details</p>	4.18	1.16	1033
<p>For the following items, choose the option that best corresponds to your judgment. - Overall, I rate this course as excellent. Question Mean Details</p>	4.09	1.18	1033

Academic Affairs Question Set

Evaluation Questions	Mean	Standard Deviation	# of Classes
Describe the amount of progress you made on each (even those not pursued in this class) by using the following scale: - Applying mathematical and scientific reasoning Question Mean Details	3.13	1.46	1032
Describe the amount of progress you made on each (even those not pursued in this class) by using the following scale: - Appreciating the role of cultural and social values in human achievement Question Mean Details	3.65	1.32	1032

Hybrid

Evaluation Questions	Mean	Standard Deviation	# of Classes
Please answer the following: - I felt part of a classroom community. Question Mean Details	4.27	0.96	80
Please answer the following: - The course was easy to navigate. Question Mean Details	4.03	1.1	80
Please answer the following: - The instructor responded to questions within thirty-six (36) hours. Question Mean Details	4.29	1.02	80
Please answer the following: - Technical support was readily available. Question Mean Details	4.04	1.09	80
Please answer the following: - Based on my experience in this course, I would enroll in another online course at CSU. Question Mean Details	3.96	1.21	80

Online

Evaluation Questions	Mean	Standard Deviation	# of Classes
Please answer the following: - I felt part of a classroom community. Question Mean Details	3.83	1.2	446
Please answer the following: - The course was easy to navigate. Question Mean Details	3.97	1.25	446
Please answer the following: - The instructor responded to questions within thirty-six (36) hours. Question Mean Details	4.13	1.24	446

Evaluation Questions	Mean	Standard Deviation	# of Classes
Please answer the following: - Technical support was readily available. Question Mean Details	4.02	1.11	446
Please answer the following: - Based on my experience in this course, I would enroll in another online course at CSU. Question Mean Details	4.25	1.13	446

PERSISTENCE

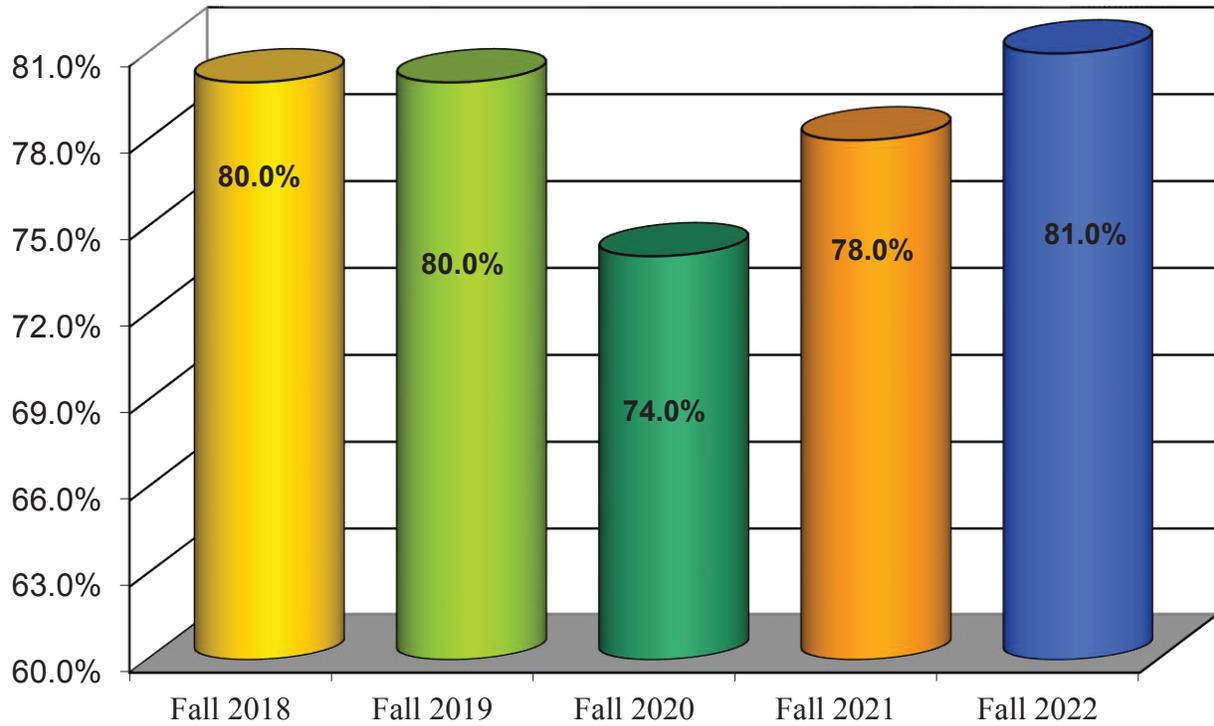
Category	Fall 2014 - Fall 2015	Fall 2015 - Fall 2016	Fall 2016 - Fall 2017	Fall 2017 - Fall 2018	Fall 2018 - Fall 2019	Fall 2019 - Fall 2020	Fall 2020 - Fall 2021	Fall 2021 - Fall 2022
UG Degree-Seeking Enrolled	1697	1768	1695	1764	2078	1999	4009	6017
Graduated	262	235	212	198	177	231	266	421
Returning	962	868	897	1023	1141	1233	2306	3433
Returning Rate	67.0%	56.6%	60.5%	65.3%	60.0%	69.7%	61.6%	61.3%

RETENTION

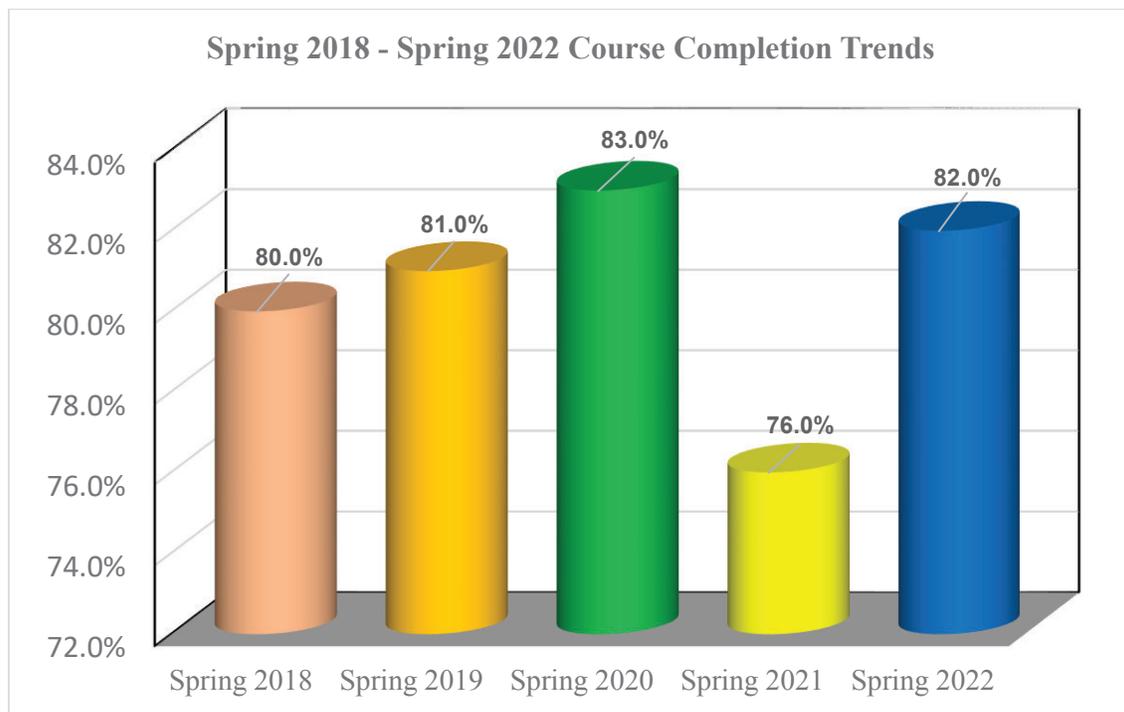
Category	Fall 2014 - Fall 2015	Fall 2015 - Fall 2016	Fall 2016 - Fall 2017	Fall 2017 - Fall 2018	Fall 2018 - Fall 2019	Fall 2019 - Fall 2020	Fall 2020 - Fall 2021	Fall 2021 - Fall 2022
New First Time Enrolled	401	510	630	661	789	623	471	804
NFT Returning	215	203	294	356	359	347	194	331
Retention Rate	54%	40%	47%	54%	46%	56%	41%	41%

Source: CSU Data Warehouse

Fall 2018 – Fall 2022 Course Completion Trends



Spring 2018 - Spring 2022 Course Completion Trends



Prepared by the Office of Institutional Research

New First Time Freshman ACT Scores

Fall 2016 - 2017											
Score Range	Entering	Retained	%	Fall 2017 - 2018				Fall 2018 - 2019			
	NFT	NFT	Retention	Score Range	Entering	Retained	%	Score Range	Entering	Retained	%
All NFT	634	294	46%	All NFT	664	357	54%	All NFT	791	358	45%
All ACT Scores	567	268	47%	All ACT Scores	341	182	53%	All ACT Scores	409	193	47%
Less than 15	123	48	46%	Less than 15	78	40	51%	Less than 15	106	36	34%
15 -18	332	149	47%	15 -18	192	100	52%	15 -18	209	103	49%
19 -21	87	51	39%	19 -21	56	34	61%	19 -21	66	36	55%
22+	25	20	45%	22+	15	8	53%	22+	28	18	64%
Average	16	17		Average	17	17		Average	17	17	
Median	16	17		Median	16	17		Median	16	16	
Fall 2019 - 2020											
Score Range	Entering	Retained	%	Fall 2020 - 2021				Fall 2021 - 2022			
	NFT	NFT	Retention	Score Range	Entering	Retained	%	Score Range	Entering	Retained	%
All NFT	625	347	56%	All NFT	473	198	42%	All NFT	804	331	41%
All ACT Scores	272	146	54%	All ACT Scores	204	83	41%	All ACT Scores	180	86	48%
Less than 15	84	55	65%	Less than 15	63	20	32%	Less than 15	59	22	37%
15 -18	134	64	48%	15 -18	112	45	40%	15 -18	82	43	52%
19 -21	43	23	53%	19 -21	24	16	67%	19 -21	27	12	44%
22+	11	4	36%	22+	5	2	40%	22+	12	9	75%
Average	16	16		Average	16	16		Average	16	17	
Median	16	15		Median	15	16		Median	16	16	

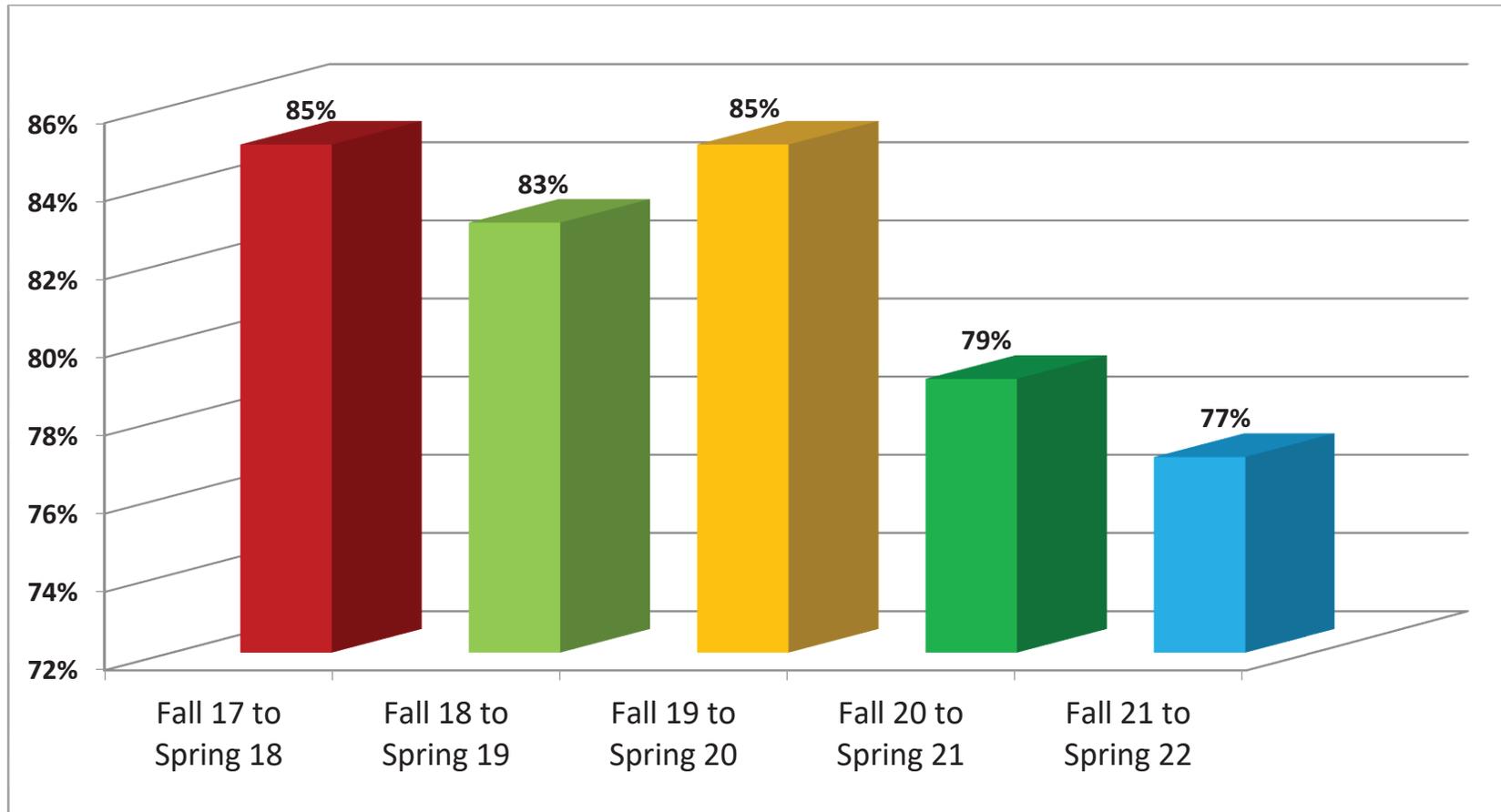
New First Time SAT Scores

Fall 2016 - 2017											
Score Range	Entering	Retained	%	Fall 2017 - 2018				Fall 2018 - 2019			
	NFT	NFT	Retention	Score Range	Entering	Retained	%	Score Range	Entering	Retained	%
All NFT	634	294	46%	All NFT	664	357	54%	All NFT	791	358	45%
All SAT Scores	74	40	54%	All SAT Scores	102	50	49%	All SAT Scores	93	45	48%
Less than 720	27	10	37%	Less than 720	27	9	33%	Less than 720	22	11	50%
720 -900	38	23	61%	720 -900	57	28	49%	720 -900	54	25	46%
910 -990	4	4	100%	910 -990	14	10	71%	910 -990	15	8	53%
1000 and above	5	3	60%	1000 and above	4	3	75%	1000 and above	2	1	50%
Average	780	815		Average	796	822		Average	802	797	
Median	775	830		Median	780	780		Median	810	810	
Fall 2019 - 2020											
Score Range	Entering	Retained	%	Fall 2020 - 2021				Fall 2021 - 2022			
	NFT	NFT	Retention	Score Range	Entering	Retained	%	Score Range	Entering	Retained	%
All NFT	625	347	56%	All NFT	473	198	42%	All NFT	804	331	41%
All SAT Scores	14	10	71%	All SAT Scores	4	1	25%	All SAT Scores	74	31	42%
Less than 720	1	0	0%	Less than 720	2	1	50%	Less than 720	5	3	60%
720 -900	12	10	83%	720 -900	2	0	0%	720 -900	48	18	38%
910 -990	1	0	0%	910 -990	0	0	0%	910 -990	11	5	45%
1000 and above	0	0	0%	1000 and above	0	0	0%	1000 and above	10	5	50%
Average	811	799		Average	770	700		Average	858	871	
Median	805	799		Median	805	700		Median	840	850	

New First Time High School GPA

Fall 2016-2017											
Score Range	Entering	Retained	%	Fall 2017-2018				Fall 2018-2019			
	NFT	NFT	Retention	Score Range	Entering	Retained	%	Score Range	Entering	Retained	%
All NFT	519	203	39%	All NFT	634	294	46%	All NFT	664	357	54%
All GPA Scores	513	201	39%	All GPA Scores	620	292	46%	All GPA Scores	659	355	54%
Less than 2.0	65	15	23%	Less than 2.0	64	16	25%	Less than 2.0	21	13	62%
2.0 -2.4	219	73	34%	2.0 -2.4	239	75	31%	2.0 -2.4	207	93	45%
2.5 -2.9	143	60	42%	2.5 -2.9	211	106	50%	2.5 -2.9	266	134	50%
3.0 and above	86	52	60%	3.0 and above	115	95	83%	3.0 and above	165	115	70%
Average	2.5	2.6		Average	2.5	2.7		Average	2.7	2.8	
Median	2.4	2.5		Median	2.5	2.7		Median	2.7	2.7	
Fall 2019-2020											
Score Range	Entering	Retained	%	Fall 2020-2021				Fall 2021-2022			
	NFT	NFT	Retention	Score Range	Entering	Retained	%	Score Range	Entering	Retained	%
All NFT	791	358	45%	All NFT	473	198	42%	All NFT	804	331	41%
All GPA Scores	786	358	46%	All GPA Scores	473	197	42%	All GPA Scores	804	331	41%
Less than 2.0	10	3	30%	Less than 2.0	1	1	100%	Less than 2.0	13	3	23%
2.0 -2.4	252	100	40%	2.0 -2.4	126	37	29%	2.0 -2.4	184	47	26%
2.5 -2.9	304	121	40%	2.5 -2.9	173	61	35%	2.5 -2.9	287	109	38%
3.0 and above	220	134	61%	3.0 and above	173	98	57%	3.0 and above	308	172	56%
Average	2.7	2.8		Average	2.8	2.9		Average	2.8	3.0	
Median	2.7	2.7		Median	2.8	2.9		Median	2.8	2.8	

***Undergraduate Degree-seeking Students
Fall to Spring Persistence Rate Trends**



Prepared by the Office of Institutional Research



DIVISION OF ACADEMIC AFFAIRS

