



Clemson University

House Ways and Means Presentation

Higher Education and Technical Colleges Subcommittee

FY21-22

January 20, 2021

# COVID-19 Update

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Tab A





## Clemson COVID-19 Update

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- In April, in response to the unprecedented impacts posed by COVID-19, Clemson froze tuition and mandatory fees for FY2020-21.
- Clemson passed a continuing resolution budget and enacted several major costs savings measures, including restricting travel, hiring, and procurement spend and pausing over \$410mm in selected capital projects.
- Clemson estimated total potential FY21 COVID impacts of between \$120-\$180mm, including auxiliary and athletic impacts.
- In October, Clemson passed an FY21 budget that incorporates almost \$100mm in budget cuts to respond to the pandemic, including a university-wide furlough.
- The University also received approximately \$7.0mm in one-time funding from the State to operate its own highly complexity CLIA testing and diagnostics lab.



## Clemson COVID-19 Update

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### FY2019-20 – Total Impact ~ \$20.6mm

- Clemson refunded \$18.6mm of which \$16.8mm were related to auxiliary refunds.
- The University received \$13.6mm in CARES Act funding:
  - \$6.8mm was used to make emergency financial aid grants
  - \$6.8mm was used to reimburse the University for some of the \$16.8mm in auxiliary refunds
- In addition to refunds, the University incurred \$2.0mm of additional COVID-19 expenditures primarily for PPE, mobilizing its Emergency Operations Center, and telework capabilities.

### FY2020-21 – Total Impact to date: ~ \$61.7mm

- Clemson provided \$14.5mm in student refunds, \$13.5mm related to Auxiliaries, resulting from the University's decision to delay in-person instruction and move to online courses after Thanksgiving.
- Additional impacts to Auxiliaries of ~\$9.5mm due to reduced housing occupancy and other auxiliary revenues
- In addition to refunds, the University has incurred \$15.7mm of additional COVID-19 expenditures primarily driven by testing expenses, isolation and quarantine, facility enhancements to support social distancing, PPE, and distance learning.
- Estimated impacts to athletic revenues of \$22mm due primarily to reduced football ticket revenues.



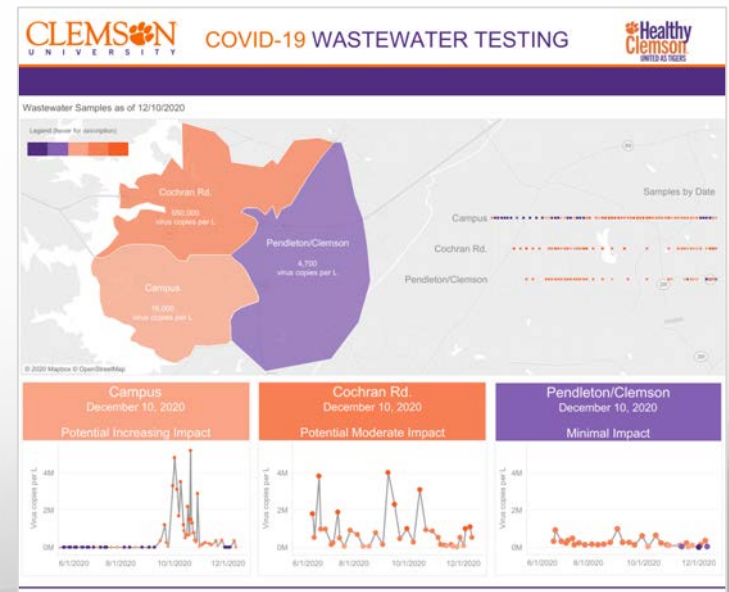
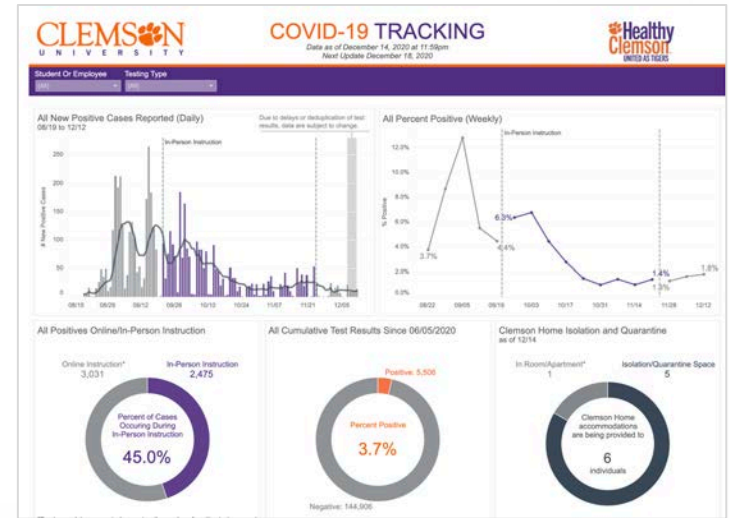
# Transparent Leadership through COVID-19 Pandemic

## Transparent Leadership

- Since the outset of COVID-19, Clemson has remained committed to transparency and science-based protocols
- Since June, the University has conducted over 150,000 tests and made the results available on a public dashboard

## Research Innovation

- In partnership with the City, Clemson faculty have been conducting wastewater testing in Clemson and the surrounding communities to help reduce prevalence
- Thanks to generous funding from the State, the University's CLIA-certified lab can conduct saliva-based PCR tests with turnaround within 24 hours at a cost of ~\$20 per test
- In coordination with DHEC and MUSC, Clemson is performing community testing throughout the State



CLEMSON UNIVERSITY



## CLIA Lab

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- Through generous state support, the University has established an in-house CLIA (“Clinical Laboratory Improvement Amendments”) certified lab to conduct saliva-based PCR testing.
- The CLIA lab is also providing experiential learning opportunities for graduate and other students to complex testing protocols in a highly supervised, regulated environment.
- The lab is currently conducting 5,000 tests per day with an expected 9,000 per day when at full capacity, still with a 24-hour turnaround, compared to 24-72 hours at external labs.
- The cost per test is ~\$20, compared to \$85 per-test through external labs.
- The University is coordinating with other higher education institutions to offer COVID-19 tests to the community. Through state support the University acquired mobile testing vans to conduct community testing throughout the state.

# Executive Summary

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Tab B





# Clemson Continues Tradition of Excellence

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## Recent Accolades and Rankings

Clemson is nationally recognized for providing students with an excellent education in a cost-effective manner, resulting in a good return on investment.

- Clemson is categorized as a Carnegie R1 Research University as one of the nation's most active research institutions
- US News & World Report
  - #29 public national university (13th consecutive year in Top 30)
  - #17 in co-ops/internships
- PayScale.com: Top 9.0% (in state) and top 15.0% (out of state) for 20-year net ROI for all public and private universities
- Bestvalueschools.com: 1st for best value among all colleges in South Carolina
- Brooking Institution Value Added Analysis: Clemson graduates rank in top 88.0% for mid-career earnings (out of approximately 1,600 schools)
- Princeton Review:
  - #2 - Best career services
  - #4 - Student pack the stadium
  - #5 - Students love their college
  - #9 - Best schools for internships
  - #11 - Happiest students
  - #11 - Best alumni network





# Clemson Continues Tradition of Excellence

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- **Strong Student Demand and Quality**

- For Fall 2020, freshmen applications received were at 98.4% of the prior year level while freshmen enrollment increased by 6.7%.
- Overall undergraduate enrollment increased 3.3% versus prior year.
- The mean SAT score increased 72 points in 10 years (from 1231 in 2010 to 1303 in 2020)

- **Quality, Affordable Education with Strong Student Outcomes**

- Freshman to sophomore retention rate remains at an all-time high (93.6%)
- The six-year graduation rate of 84.9% remains significantly higher than the national average of 62.0%
- More than 90.0% of surveyed graduates are employed, continuing their education, or not seeking employment within six months of graduation
- A majority of Clemson's graduates (53.0%) have **NO DEBT** compared to the state (40.0%) and national (42.0%) averages
- Student loan default rates (2.9%) are significantly lower than the national average (10.1%)



# Clemson Continues Tradition of Excellence

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- Clemson has demonstrated a continued commitment to **Access, Affordability, and Excellence** for South Carolinians
  - Clemson educates 31.0% more (3,281) in-state undergraduate students in 2020 (13,857) compared to 2010 (10,576)
  - In FY 2020, 99.3% of enrolled in-state freshman received a state-supported scholarship from the Palmetto Fellows, Life, or Hope scholarship programs
  - Average out of pocket costs for first-time in-state freshman are 38.0% of sticker price (fall 2018 costs)



# Clemson Continues Tradition of Excellence

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*In FY21, S&P and Fitch reaffirmed Clemson's ratings and assigned Clemson a stable outlook*

## **Clemson is a critical South Carolina institution with strong market position**

- “Clemson has very strong demand characteristics and steadily growing enrollment supported by its co-flagship status in South Carolina.
- “Admissions are competitive and becoming increasingly selective, balanced by the mission of maintaining a roughly 60%-70% level of in-state students against strong.
- “Enrollment continues to increase, and, in our opinion, demand remains healthy with robust retention and graduation rates.”

## **Clemson is financially strong**

- “The university has a track record of strong cost management and financial performance, generating cash flow margins generally 12% or better through a period of material growth and strategic investment.”
- “Clemson's financial performance is excellent in our view characterized by robust operating surpluses, healthy year over year positive increases in net tuition revenue and a low tuition discount rate.”

## **Clemson has strong leadership and is well-positioned strategically**

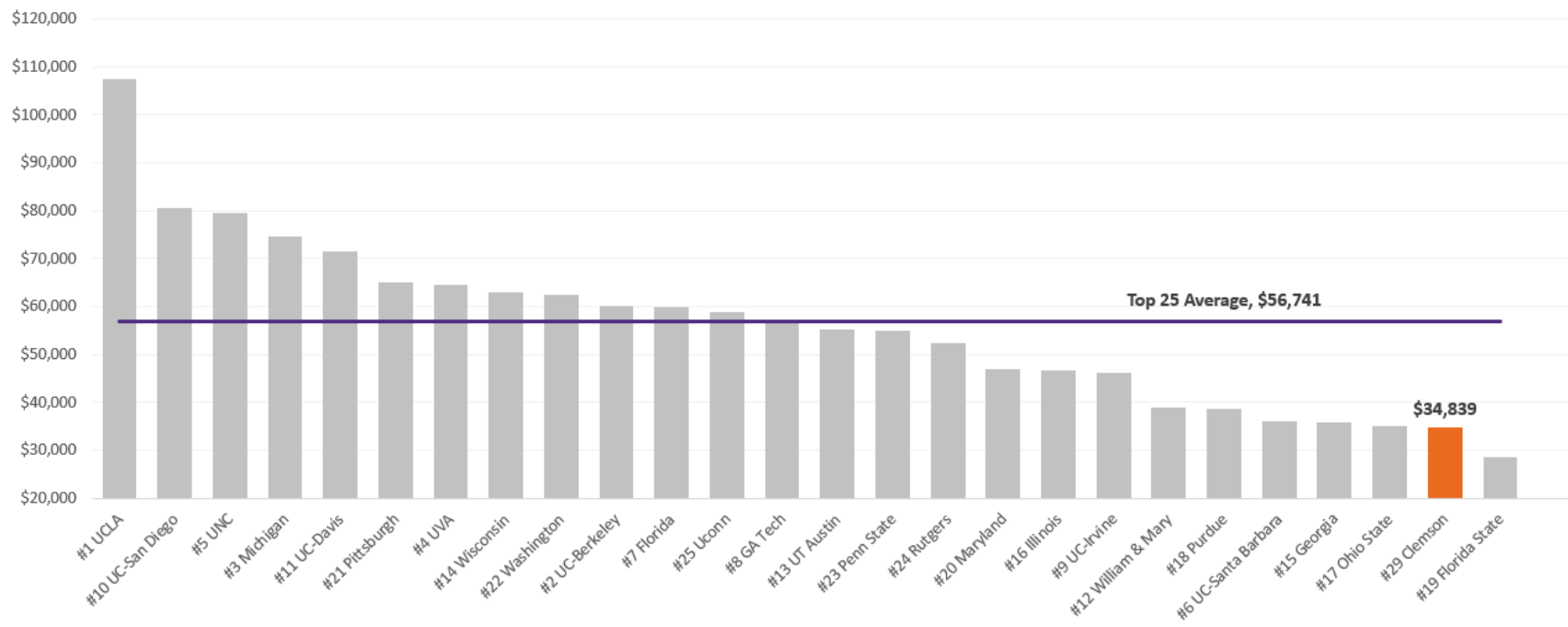
- “We assessed Clemson's enterprise profile as extremely strong, characterized by respectable management and governance, steady enrollment growth, favorable selectivity and retention rates, and good geographic diversity.”
- “In our opinion, the management team is sound evidenced by consistently above-average operational results, use of long-range financial planning metrics and following conservative budgeting practices.”



# Efficiency: Clemson is dedicated to Cost Management

- Clemson has demonstrated its continued dedication to efficiency and cost management through its Lean initiatives
- Clemson ranks in the top 9.0% in efficiency amount national universities (2020 ranking edition)
- Clemson's cost of education (measured by IPEDs) is 38.6% lower than average top 25 universities

IPEDS Total Core Expenses Per FTE - 2021 Top 25 (2018 Financial Data)



# State Budget & Financial Management

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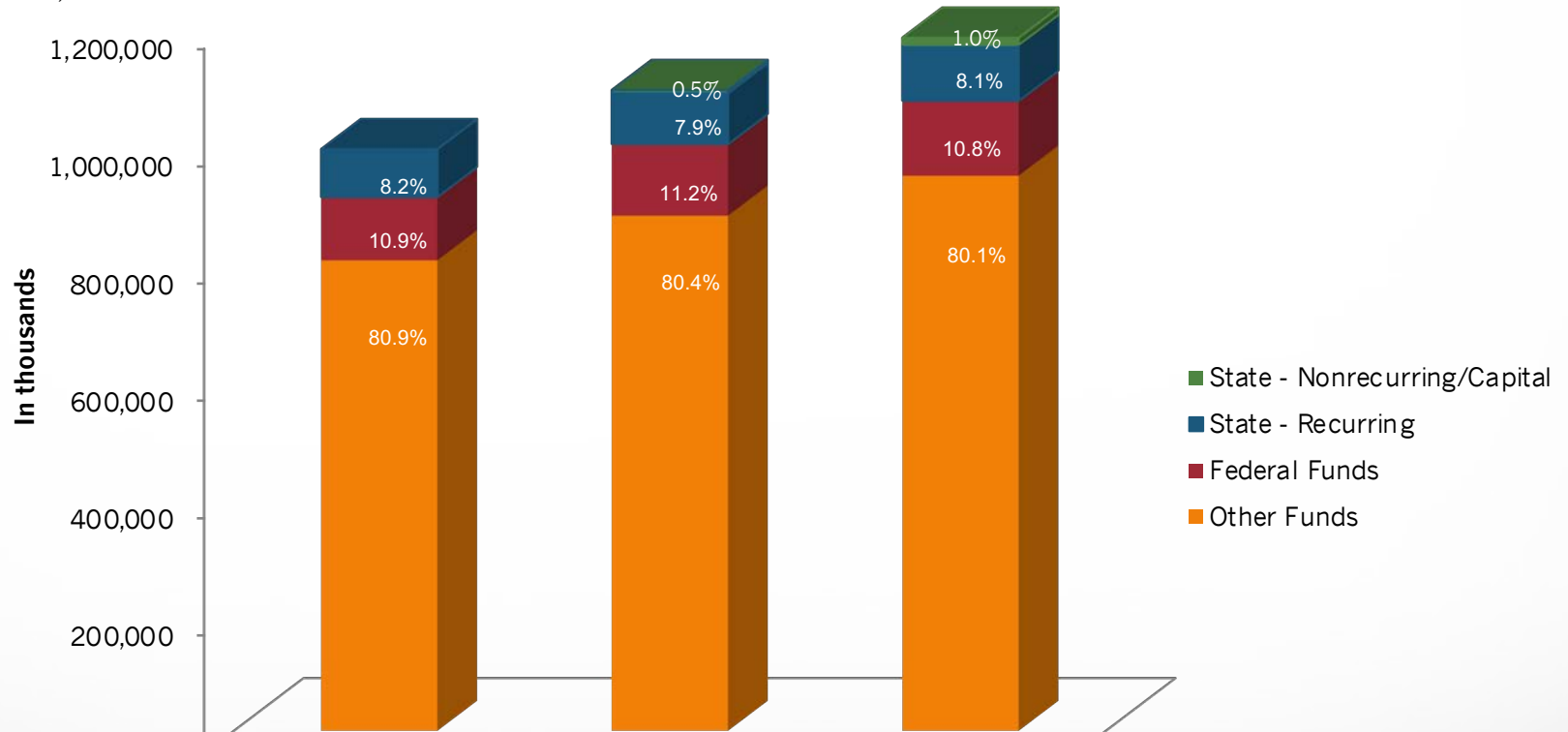
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# E&G State Appropriations

## Revenue History (in thousands)



	FY2018	FY2019	FY2020
State - Nonrecurring/Capital	-	5,300	12,000
State - Recurring	81,495	86,634	95,282
Federal Funds	107,909	121,990	127,656
Other Funds	801,405	877,481	945,643

**TOTAL**

**990,809**

**1,091,405**

**1,180,581**

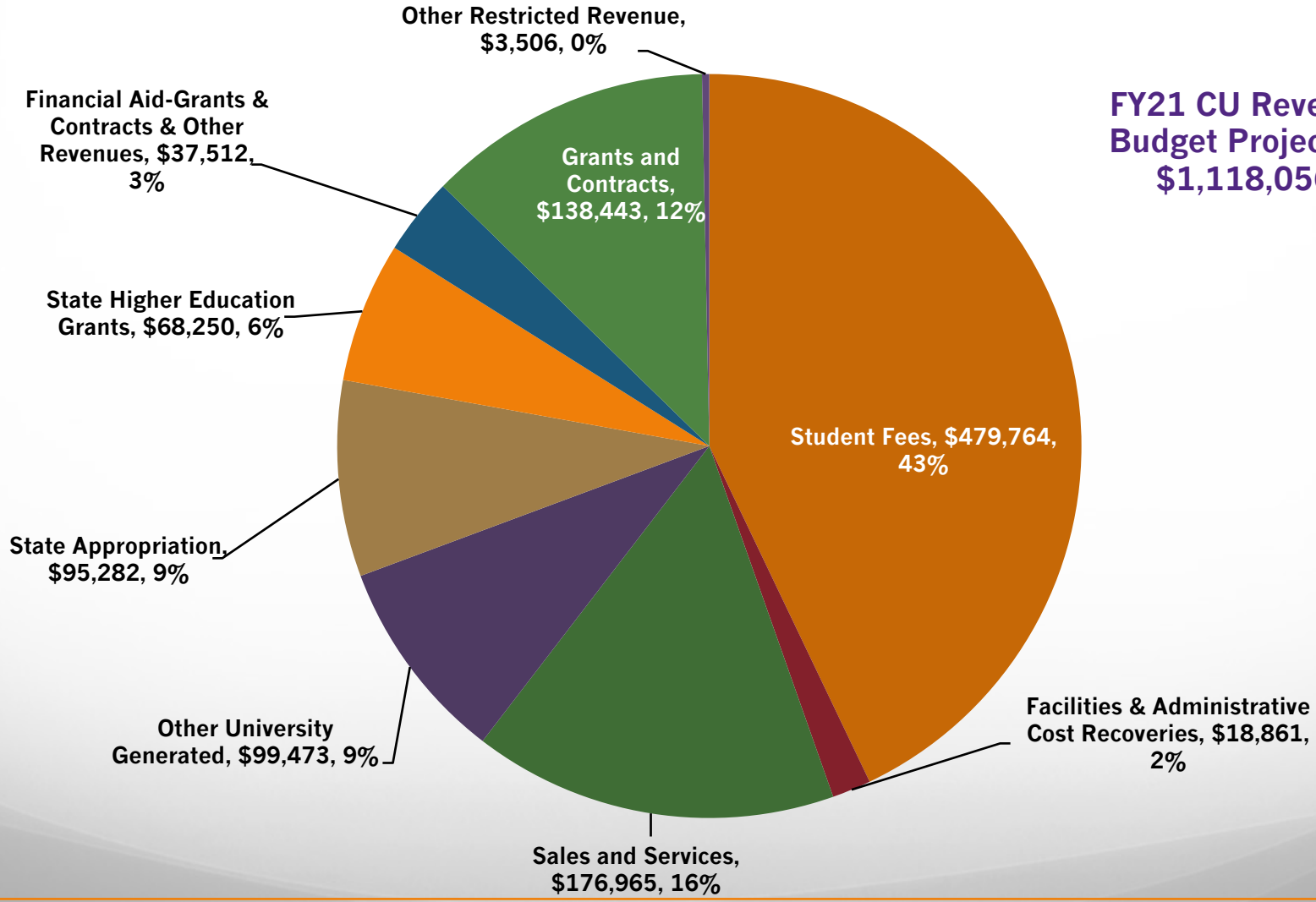
1. FY2020 Other Funds include fund balance resources - \$24.9 Million



# Total FY 20-21 Budget for Revenues

## FY21 Projected Current Revenue

**FY21 CU Revenue  
Budget Projection  
\$1,118,056**

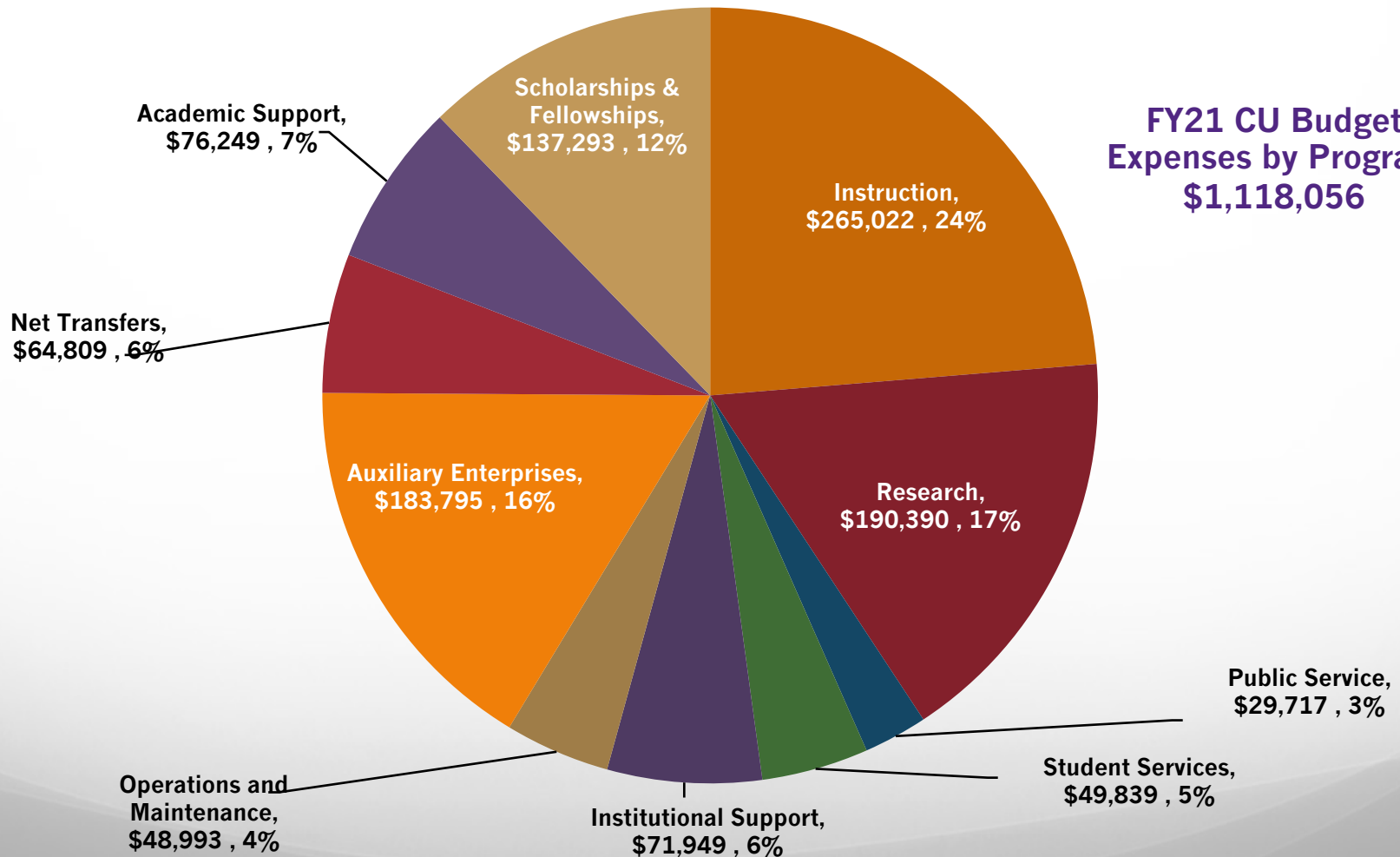




# Total FY 20-21 Budget for Expenses Estimated by Program

## FY21 Projected Current Expenses by Program

**FY21 CU Budget Expenses by Program**  
**\$1,118,056**





# FY 2022 State Budget Requests

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Tab D





# Recurring State Appropriations Request FY 2021-22

Request (In Priority Order)	Amount Requested	Description of Request
Base Appropriation Increase (Tuition Mitigation)	\$11,928,684	Increase in base appropriations to mitigate the growth of tuition costs and offset mandatory and inflationary increases
Clemson Rural Health Programming	\$1,580,607	Improve the health of South Carolina families by providing health services delivery and preventive care through health extension and outreach



## Recurring State Appropriations Request FY 2021-22

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- **Base Appropriation Increase - Access and Affordability for In-State Students \$11.9mm**
  - Mitigate the growth of tuition costs and continue to ensure affordable education opportunities for in-state students
  - **Focus on Safety and Security:** Continue and finalize investments in systems and associated technology infrastructure and bring staffing levels up to improve safety and security and to align with national NFPA standards.
  - **Focus on Student Success and Academic Core:** Critical faculty hires to support growth in Business, STEM, Agriculture, Forestry & Life Sciences education and research.
  - Ensure compliance with all applicable laws and regulations and offset increases in state-mandated and other inflationary costs associated with University operations.



# Recurring State Appropriations Request FY 2021-22

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## Clemson Rural Health Programming - \$1.6mm

### Why It's Important to SC:

- Seeks to improve health outcomes and health equity in rural counties and communities in South Carolina
- Expands current rural health programming beyond Oconee County to more of a statewide approach focused on improving health outcomes in the counties and communities hit the hardest by Covid-19
- Leverages previous state funding for rural health initiatives and community health partnerships by using existing investments to cost effectively deliver care to rural communities

### How:

- Leverage a Rural Health Clinic hub and spoke model to reach patients who do not have access to care. Each target community will be a "spoke" in the model and the "hubs" will be existing Clemson Rural Health clinics
- Does not require "brick and mortar" resources. Care will be delivered by virtual care visits (via community-based telehealth connectivity), regular use of mobile health unit vans, and, for some patients, in-home monitoring
- Hire 9 new personnel, including a physician, registered nurse, dietitian, licensed clinical social worker, community health workers, medical office assistants, and mammography technicians



# Nonrecurring State Request FY 2021-22

Request (In Priority Order)	Amount Requested	Description of Request
Clemson Rural Health Programming	\$1,169,000	Improve the health of South Carolina families by providing health services delivery and preventive care through health extension and outreach - Mobile cancer screening unit vehicle, etc.
E&G Planned Maintenance & Renewal Projects	\$25,500,000	Funding will allow the University to accelerate implementation and bundle projects for procurement and mobilization efficiencies



# Nonrecurring State Request FY 2021-22

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## Clemson Rural Health Programming - \$1.2mm

### Why It's Important to SC:

- Helps the state reduce premature death, unnecessary hospitalizations, and enhance healthy lifestyles during COVID-19 recovery.
- Provides much needed health services to high-risk populations, especially in areas of preventative care, mobility and exercise, and supply of healthy foods.

### How:

- Procure and operate one mobile cancer screening unit vehicle (fully equipped with 3D mammography and other medical equipment).
- Procure and operate three telehealth station/carts for installation in community settings (e.g., libraries, Indian tribal spaces).
- Procure and operate patient medical devices and integrating technology to support remote medical monitoring of chronic disease patients with several comorbidities and who are at higher risk for COVID-19.



## Nonrecurring State Request FY 2021-22

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### E&G Planned Maintenance and Renewal Projects- \$25.5mm

- Planned maintenance and reinvestment projects including:
  - 14 HVAC upgrades or replacements
  - 10 Roof replacements
  - 6 Building envelope repair projects
  - 7 Code upgrade and fire protection projects
- High-priority maintenance projects were identified by the University through a system-by-system inventory of every E&G building on campus and are part of the University's 10-year renovation and renewal plan.
- Funding enables the University to accelerate implementation and bundle for procurement and mobilization efficiencies. The University anticipates accelerating and bundling these projects would result in approximately \$5.0mm in savings.



# State Capital Requests FY 2021-22

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Request (In Priority Order)	Amount Requested	Description of Request
Advanced Materials Innovation Complex	\$25,000,000	Funding will allow the University to provide interdisciplinary research and instruction facility to advance manufacturing and technology innovation





## State Capital Requests FY 2021-22

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### Advanced Materials Innovation Complex - \$25.0mm

- Drives efficiency and productivity growth in advanced manufacturing through technological innovation
- Will provide 143,000 square feet of interdisciplinary research laboratory and teaching spaces for Chemistry, Materials Science and Engineering, and Chemical and Biomolecular Engineering programs
- Will support 250 research faculty and personnel and accommodate more than 12,000 students a week in laboratory space
- Supports our statewide partnership with the Savannah River National Laboratory and Battelle



## Other/Federal Fund Expenditure Authorization Request FY 2021-22

Request for Other Funds Authorization	Amount	Source of Funding	Description of Request
E&G Unrestricted - Other Earmarked Funds	\$51,298,193	Tuition and Fees	Increase requested for enrollment increase, tuition and fees, and rising mandatory costs
E&G Restricted - Other Earmarked Funds	\$7,698,091	Scholarships	Increase requested for SC Palmetto Fellows and privately funded scholarships
Auxiliary Enterprises - Other Earmarked Funds	\$15,720,330	Revenue from auxiliary units	Increase requested for growth in auxiliary units; athletics, housing, dining, and parking

Request for Federal Funds Authorization	Amount	Source of Funding	Description of Request
E&G Restricted - Federal Restricted Funds	\$13,308,298	Federal funding	Increase requested for growth in federally sponsored research and scholarship programs
E&G Unrestricted - Federal Funds	\$1,000,000	Federal funding	Increase requested for indirect cost recoveries related to research



## Other/Federal Fund Expenditure Authorization Request FY 2021-22

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### **\$51,298,393 increase to E&G Unrestricted - Other Earmarked Funds**

- Increased enrollment for FY2020-21 and projected student enrollment growth
- Rising mandatory costs such as retirement and health insurance
- Non-cash impact of the pension and retiree health benefits accrual required by GASB 68/75 (~\$20.0mm)

### **\$7,698,091 increase to E&G Restricted - Other Earmarked Funds**

- SC Palmetto Fellows and privately funded scholarships

### **\$15,720,330 increase to Auxiliary Enterprises - Other Earmarked Funds**

- Athletic revenues such as ticket sales, ACC conference distribution, bowl games, corporate sponsorships, scholarships
- Revenues for dining, housing, and parking

### **\$13,308,298 increase to E&G Restricted - Federal Restricted Funds**

- Federally sponsored research and scholarship programs

### **\$1,000,000 increase to E&G Unrestricted - Federal Funds**

- Indirect cost recoveries



# FY 2021-22 FTE Requests

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The University is requesting the following FTE's to implement the priorities included in its FY22 Budget Submission.

## **State Appropriations: 44 FTEs**

- **Student Success and Academic Core/Safety & Security – 35 FTEs**
  - Professors (31)
  - Fire Safety Officers (3)
  - Traffic Engineer (1)
  
- **Clemson Rural Health Program – 9 FTEs**
  - Medical Director/Physician (1)
  - Mammography Technician (1)
  - Advanced Practice Registered Nurse (1)
  - Registered Dietician (1)
  - Licensed clinical Social Worker (1)
  - Medical Office Assistants (2)
  - Community Health Workers (2)



# FY 2021-22 FTE Requests – Proviso 11.14

- As required by Proviso 11.14, Clemson University must ensure the FY 2021-22 increased spending authority requests for Other Funds is sufficient to include salary and fringe benefits for new FTEs as well as future salary and fringe increases for existing FTEs. FY 2021-22 requests for increased spending authority for Other Funds does not include any requests for additional FTEs. See table below for demonstration.

	FY2021 CR FINAL Budget All Funds	Requested for New FTEs w/Salary Spending Authority in FY22 Budget	Request for Increased Salary OTHER Funds Spending Authority in FY22 Budget	FY22 Total FTEs and Salary Budget Request	% Increase for New FTEs - Salary and FTEs	% Increase for Salary & Fringe Increases	Total % Increase
<b>Classified Salaries</b>	117,452,699	-	5,078,795	122,531,494	0.0%	4.3%	4.3%
<b>Classified FTEs</b>	2,214.08	-	-	2,214.08	0.0%	0.0%	0.0%
<b>Unclassified Salaries</b>	237,983,779	-	10,036,054	248,019,833	0.0%	4.2%	4.2%
<b>Unclassified FTEs</b>	1,355.83	-	-	1,355.83	0.0%	0.0%	0.0%
<b>Total Salaries</b>	355,436,478	-	15,114,849	370,551,327	0.0%	4.3%	4.3%
<b>Total FTEs</b>	3,569.91	-	-	3,569.91	0.0%	0.0%	0.0%
<b>FRINGE</b>	174,607,403	-	30,028,917	204,636,320	0.0%	17.2%	17.2%

- Includes State Appropriation, Federal, and Other Dollars and FTEs
- Fringe includes request for Pension Liability Growth - GASB 68
- Clemson is not requesting additional FTEs funded by Other Earmarked Funds



# Proviso Requests for FY 2021-22

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## Permanent Improvement Project Thresholds

- Provide colleges and universities with regulatory relief by increasing the state's fixed "permanent improvement project" (PIP) dollar threshold that currently triggers the state's multi-phased, eight-step (BOT, CHE, JBRC, and SFAA x2 (Phases 1 and 2)) approval process before execution of a college or university's project can commence
- Increasing the threshold for PIP projects from \$1mm to \$5mm for research universities and from \$1mm to \$2mm for all other public institutions of higher learning, smaller more routine capital and other PIPs can be undertaken in a more timely and cost-effective manner

## Higher Education Repair and Renovation Fund

- Provide universities a modest but predictable source of recurring state funding to be utilized for the exclusive purpose of maintaining college and university education related facilities.
- State resources will help mitigate the need for diverting a greater share of student tuition dollars from core missions to facility upkeep which is otherwise necessary in the absence of reliable state investment in college infrastructure



## COVID-Related Proviso Requests for FY 2020-21

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The following FY21 provisos would assist Clemson in responding to the impact of COVID-19 in FY21

1. **Proviso** allows University to repurpose existing funds restricted for capital purposes to fund operations for one year

*“The requirements of Section 59-107-180 of the 1976 Code, as amended, solely to the extent they restrict the application of surplus tuition fees to defeasing bonds and funding capital projects, are suspended for the current fiscal year to allow such funds to be used for any lawful purpose of the state institution.”*

### State Impact

- Allow Clemson to address the extraordinary impacts of COVID-19 **without any state funding**



# Conclusions

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- **Clemson is accessible**
  - 31.0% increase in-state undergraduate enrollment over 10 years, a 3,281 increase
- **Clemson is affordable**
  - Out-of-pocket costs remain low at 38% of sticker price
  - Clemson's graduates (53.0%) have NO DEBT compared to 42.0% nationally
  - Loan default rates (1.9%) significantly lower than national average (10.1%)
  - 99.3% of enrolled in-state freshmen received financial aid
- **Clemson provides high quality/national caliber education within South Carolina**
  - Ranked in the Top 30 public institutions for 13 consecutive years
  - 93.6% freshman retention rate
  - 84.9% 6-year graduation rate, compared to 62.0% national average





# Conclusions

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- **Clemson is financially strong and has proactively addressed COVID impacts**
  - Instituted aggressive expenditure controls
  - Successfully reaffirmed credit ratings and stable outlook
  - Positioned to “power out of the pandemic”
- **Clemson is important to South Carolina**
  - Educates 39.7% more engineers, 37.9% more scientists, 64.7% more business students, & 23.3% more agriculture, forestry, and life science students than in 2010
  - Over 90.0% of surveyed graduates are employed, continuing their education, or not seeking employment within 6 months of graduation
  - Partnerships support the State’s business and industry
  - ~\$4.6 Billion economic impact to the State of South Carolina
- **Clemson is efficient**
  - Top 9.0% (in state) and top 15.0% (out of state) for 20-year net ROI for all public and private universities
  - Clemson’s cost per FTE is 38.6% lower than the average of the top-25 public universities (source: IPEDS)

# APPENDIX

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# Student Demand & Enrollment Information

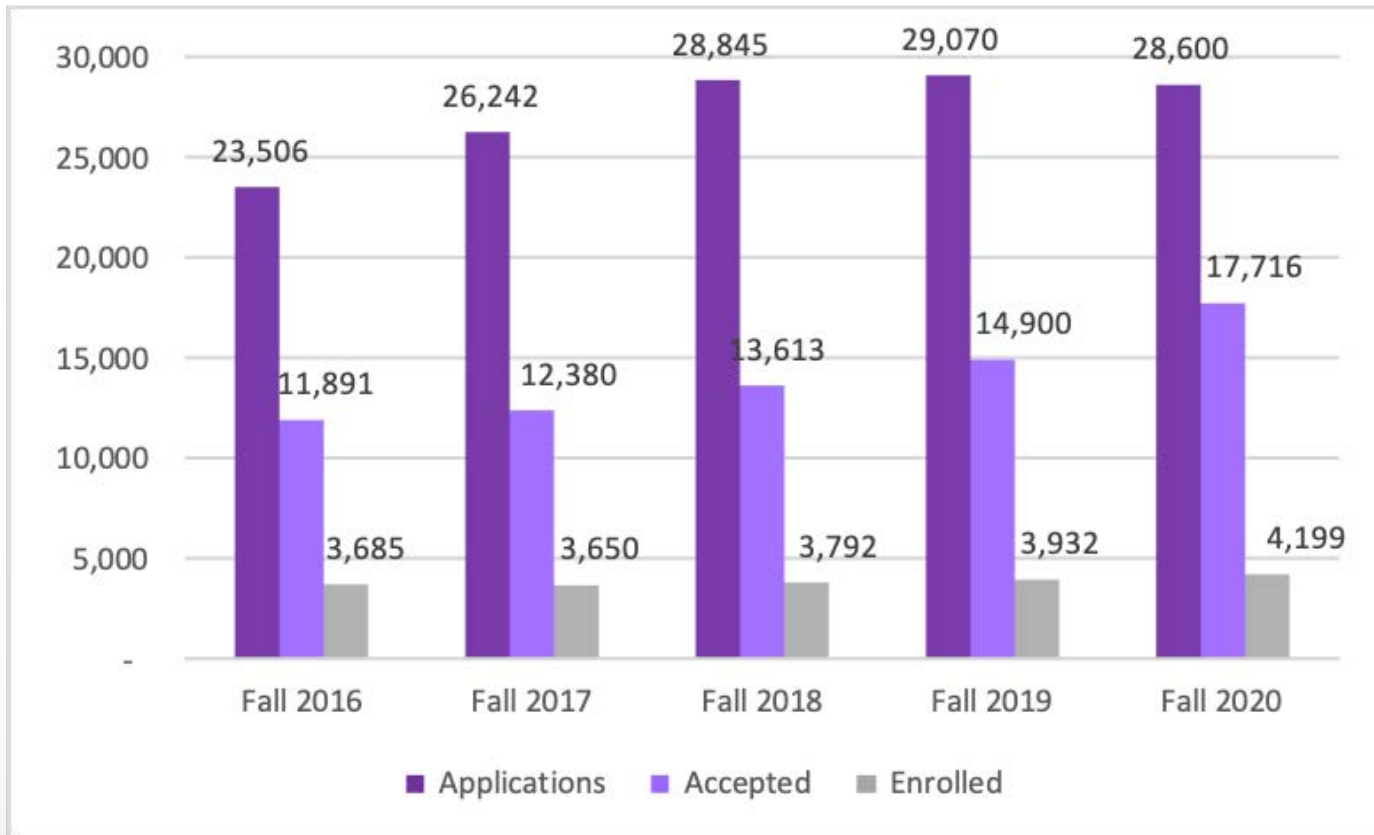
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Tab E





# Undergraduate Student Demand



- Total undergraduate enrollment grew from 20,195 in Fall 2019 to 20,868 in Fall 2020 or 3.3%

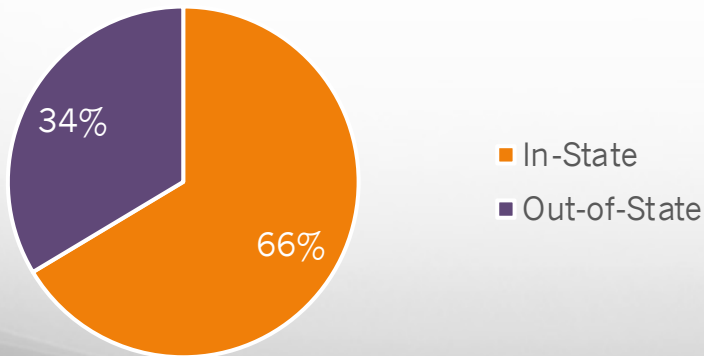


# Clemson is Committed to Educating In-State Students

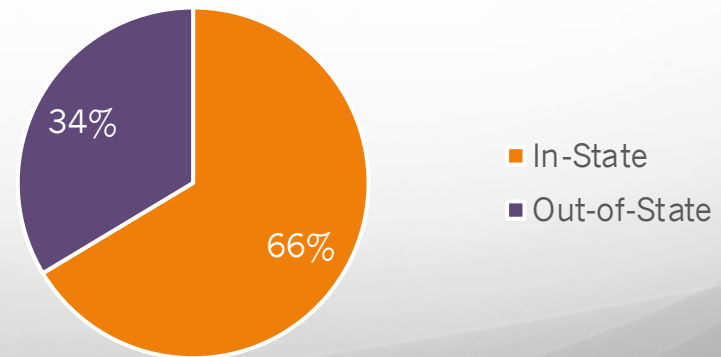
- Clemson educates more in-state students than ever before
- In-state undergraduate enrollment has grown 32% since Fall 2011 and represents 66% of the total undergraduate student body

Fall 2020 Undergraduate Students			
	In-State	Out-of-State	Total
Headcount	13,857	7,011	20,868
FTE	13,482	6,826	20,308
Percentage	66%	34%	100%

### Headcount Summary



### FTE Summary





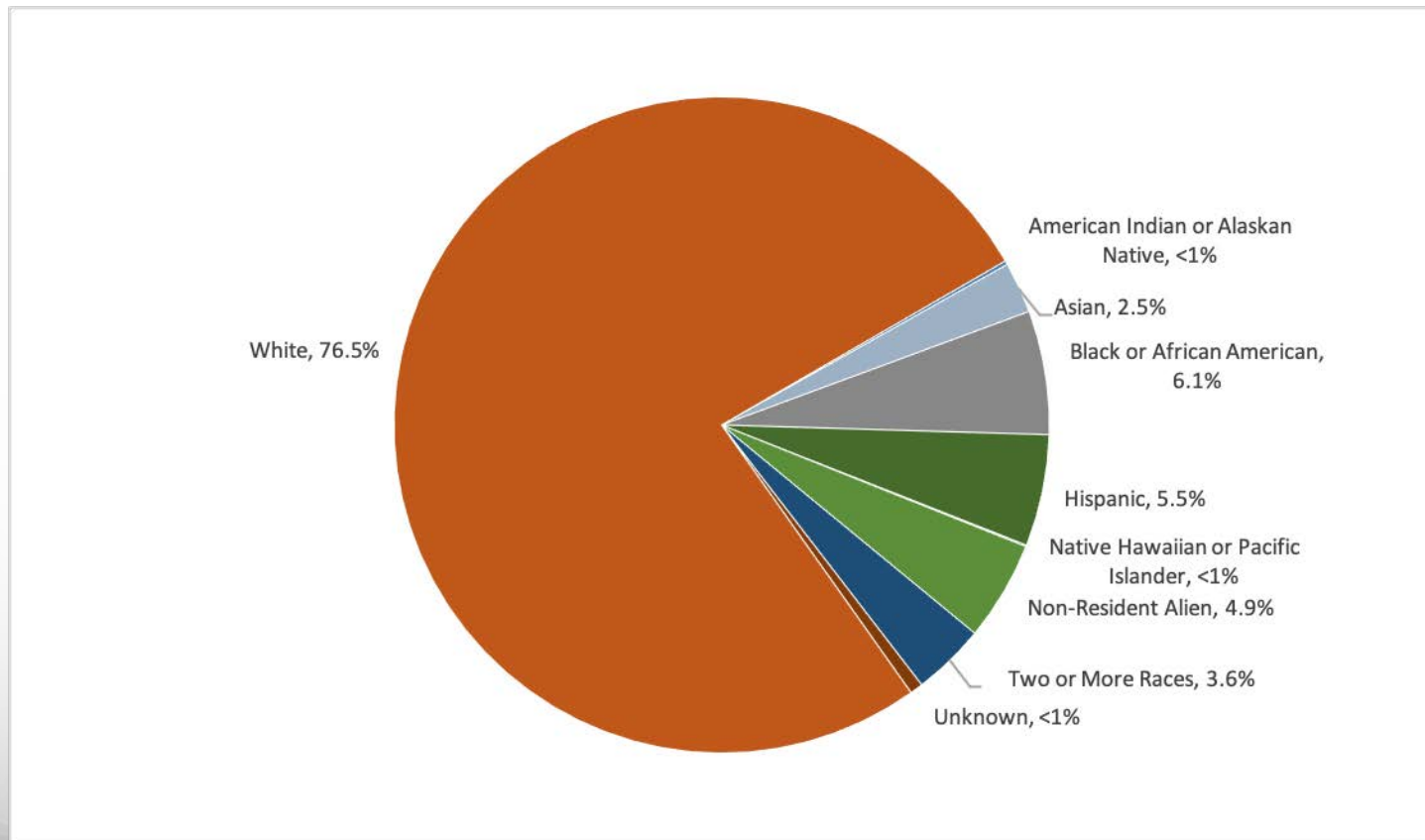
# Total Enrollment by College

College	Fall 2020	
	Headcount	FTE
<b>Agriculture, Forestry &amp; Life Sciences</b>	2,108	1,198
<b>Architecture, Arts &amp; Humanities</b>	2,030	3,544
<b>Behavioral Science and Health Science</b>	4,216	3,921
<b>Business</b>	5,517	4,140
<b>Education</b>	2,092	1,259
<b>Engr, Computing, and Applied Sci</b>	7,097	4,632
<b>Science</b>	3,296	6,097
<b>Interdepartmental</b>	50	114
<b>Totals</b>	<b>26,406</b>	<b>24,905</b>



# Fall 2019 Student Diversity

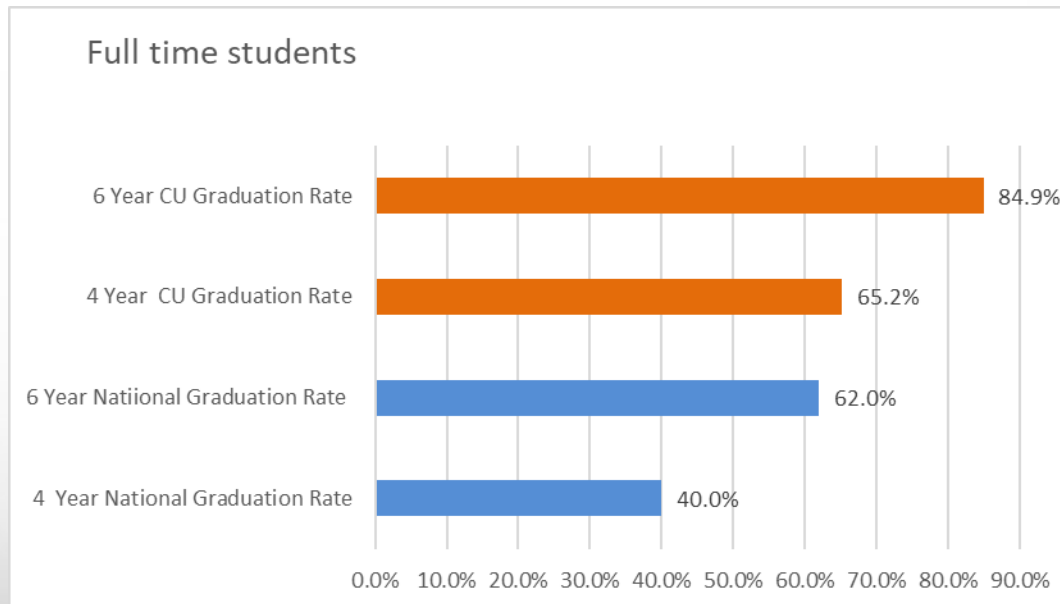
- Diversity and inclusive excellence remains a strategic priority at Clemson
- In 2020, Clemson University received its 4<sup>th</sup> consecutive Higher Education Excellence in Diversity (HEED) Award from INSIGHT Into Diversity magazine





# Graduation Rate Demonstrates Commitment to Quality

- 6-year graduation rate increased from 81.0% (2010 Cohort) to 84.9% (2014 Cohort) and remains significantly higher than the national average of 62.0%
- 4-year graduate rate increased from 58.9% (2010 Cohort) to 65.2% (2016 Cohort) and remains significantly higher than the national average of 40.0%
- In 2020, Clemson graduated 49.0% more undergraduate students and 75.0% more graduate students than in 2001
- 44.0% of Clemson's recent graduates reside in South Carolina





# Tuition & Fees and Affordability

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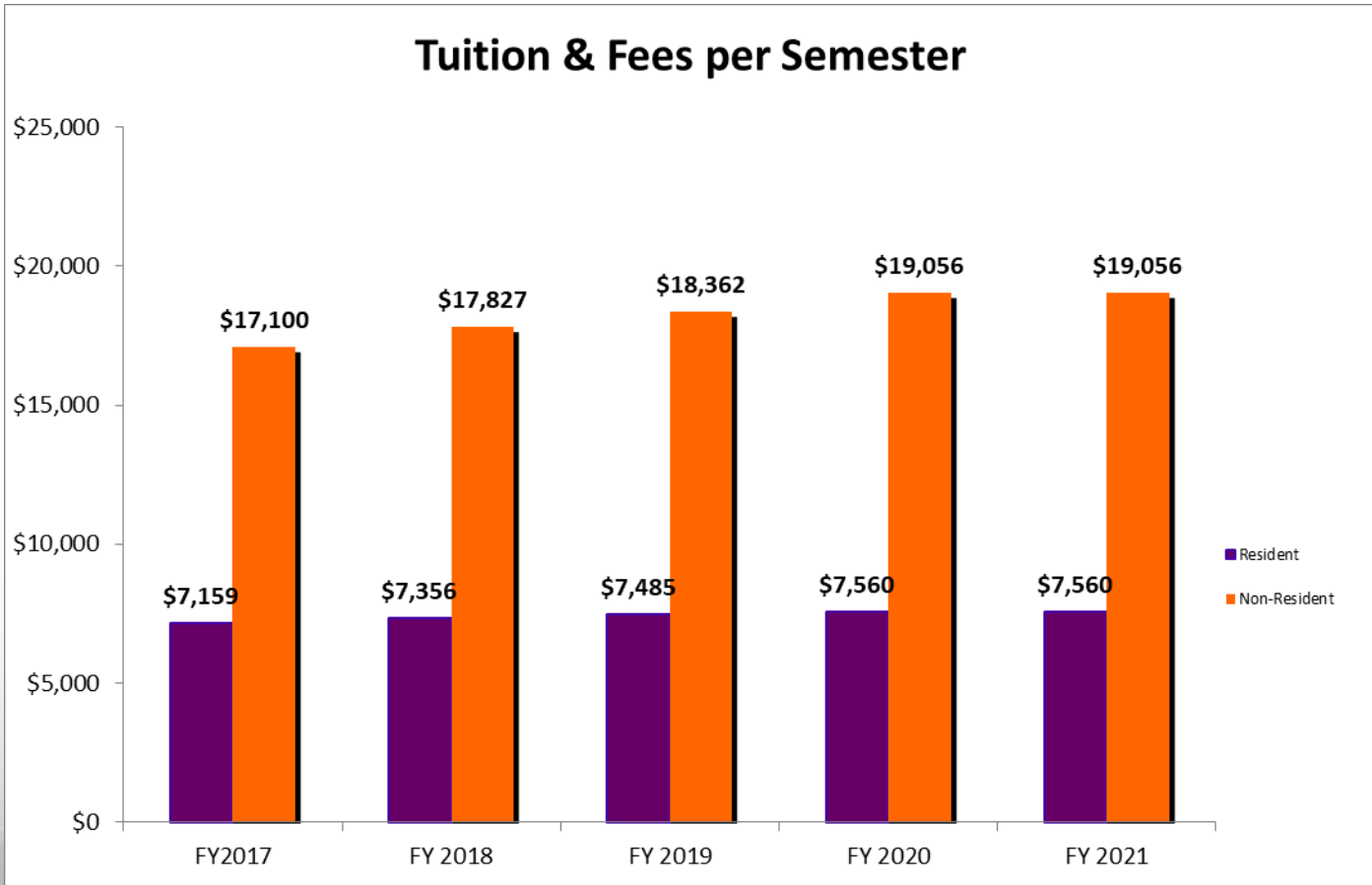
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# Modest Tuition & Fee Increases Support Strategic Plan

Fiscal Year	Resident Increase	Non-Resident Increase
FY 16 - FY 17	3.14%	4.27%
FY 17 - FY 18	2.75%	4.25%
FY 18 - FY 19	1.75%	3.00%
FY 19 - FY 20	1.00%	3.78%
FY 20 - FY 21	0.00%	0.00%





# 2020 Undergraduate Tuition & Fee Schedule

## Academic Fee Schedule

### Undergraduate Student Academic Fee Schedule – Effective Fall 2020

<b>Full-Time Undergraduate Fees per Semester (twelve hours or more):</b>	<b>Resident</b>	<b>Non-Resident</b>
Base Academic Fee	\$ 6,059	\$ 16,130
Tuition	860	2,085
Other Debt Retirement and Plant Fund Transfers	140	340
Matriculation	5	5
Activity Fee	40	40
Software License Fee	21	21
Campus Recreation (6+ on-campus credit hours)	90	90
Health Fee (6+ on-campus credit hours)	182	182
Career Services Fee	4	4
Transit Fee (6+ on-campus credit hours)	40	40
Information Technology Fee	119	119
<b>Total Full-Time Undergraduate Fees per Semester</b>	<b>\$ 7,560</b>	<b>\$ 19,056</b>
<b>Additional Full-Time Undergraduate Fees per Semester:</b>		
Library Fee (30+ cumulative credit hours)	\$ 100	\$ 100
Additional Transit Fee (Non-University housed students)	17	17



# 2020 Undergraduate Tuition & Fee Schedule

## Academic Fee Schedule

### Undergraduate Student Academic Fee Schedule – Effective Fall 2020

<b>Part-Time Undergraduate Fees per Credit Hour (<i>less than twelve hours</i>):</b>	<b>Resident</b>	<b>Non-Resident</b>
Base Academic Fee	\$ 544	\$ 1,420
Tuition	77	184
Other Debt Retirement and Plant Fund Transfers	12	29
Activity Fee	4	4
Information Technology Fee	10	10
<b>Total Part-Time Undergraduate Fees per Credit Hour</b>	<b>\$ 647</b>	<b>\$ 1,647</b>
<b>Additional Part-Time Undergraduate Fees per Credit Hour:</b>		
Library Fee ( <i>30+ cumulative credit hours</i> )	\$ 10	\$ 10
<b>Additional Part-Time Undergraduate Fees per Semester:</b>		
	<b>Resident</b>	<b>Non-Resident</b>
Matriculation	\$ 5	\$ 5
Software License Fee	21	21
Campus Recreation ( <i>6+ on-campus credit hours</i> )	90	90
Health Fee ( <i>6+ on-campus credit hours</i> )	182	182
Career Services Fee ( <i>6+ credit hours</i> )	4	4
Transit Fee ( <i>6+ on-campus credit hours</i> )	40	40
Additional Transit Fee (Non-University housed students)	17	17



# 2020 Undergraduate Tuition & Fee Schedule

## Academic Fee Schedule

### Undergraduate Student Academic Fee Schedule – Effective Fall 2020

Summer Session Fees per Credit Hour:	Resident	Non-Resident
Base Academic Fee	\$ 544	\$ 1,420
Tuition	77	184
Other Debt Retirement and Plant Fund Transfers	12	29
Activity Fee	4	4
Library Fee	10	10
Information Technology Fee	10	10
<b>Total Summer Session Fee per Credit Hour</b>	<b>\$ 657</b>	<b>\$ 1,657</b>
<b>Additional Fees per Summer Session:</b>	<b>Resident</b>	<b>Non-Resident</b>
Campus Recreation ( <i>3+ on-campus credit hours, maximum of \$52</i> )	\$ 26	\$ 26
Summer Session Fee ( <i>maximum of \$35</i> )	5	5
Health ( <i>3+ credit hours on-campus, maximum of \$132</i> )	66	66
Software License Fee ( <i>maximum of \$22</i> )	11	11
Deer Quality Management	\$ 1,500	\$ 1,500



# 2020 Undergraduate Tuition & Fee Schedule

## Academic Fee Schedule

### Undergraduate Student Academic Fee Schedule – Effective Fall 2020

Other Undergraduate Fees:	Resident	Non-Resident
<i>Per Semester:</i>		
Behavioral Science Junior/Senior Differential Tuition	\$ 1,000	\$ 1,000
Business Junior/Senior Differential Tuition	1,059	1,087
Engineering Program Fee (enrolled Summer 2018 or after)	1,250	1,250
Computer Science Program Fee (enrolled Summer 2018 or after)	500	500
Nursing Program Fee (enrolled Summer 2018 or after)	1,000	1,000
Packaging Science Program Fee (enrolled Summer 2018 or after)	1,000	1,000
Food Science & Human Nutrition Program Fee (enrolled Summer 2018 or after)	750	750
Design/ Build Program Fee (enrolled Summer 2018 or after)	750	750
Honors College Fee	500	500
Recreational Therapy Program (PRTM 2600)	252	252
Recreational Therapy Program (PRTM 3220)	125	125
Recreational Therapy Program (PRTM 3280)	405	405
CUBS Living-Learning Community ( <i>Fall semester only</i> )	400	400
ClemsonLIFE Program Fee	5,500 / 10,000	5,500 / 10,000
Clemson University Spectrum Program (CUSP)	3,000	3,000
Career Center Intern Fee	200	200
Co-Op Fee ( <i>depending on course</i> )	200 / 30	200 / 30
Academic Recovery Success Fee	100	100
Nursing Testing Fee	135	135
Professional Golf Management	various	various
Applied Music Lesson Fee	400	400
Performing Arts Fee	305	305
International Student Fee	100	100
RISE Program Fee (Fall semester only)	500	500
WISER Program Fee	180	180
Fraternity/Sorority Life Fee	60	60
Student Sustainability Initiative (i.e. Green Fee) - opt in	10	10
Co-Op Activity Fee	30	30



# 2020 Undergraduate Tuition & Fee Schedule

## Academic Fee Schedule

### Undergraduate Student Academic Fee Schedule – Effective Fall 2019

<b>Full-Time Undergraduate Fees per Semester (twelve hours or more):</b>	<b>Resident</b>	<b>Non-Resident</b>
<b>Per Credit Hour:</b>		
Behavioral Science - Non-Majors Surcharge/Credit Hour 300/400	\$ 100	\$ 100
Business - Non-Majors Surcharge/Credit Hour 300/400	106	108
Engineering Program Fee (enrolled Summer 2018 or after)	105	105
Computer Science Program Fee (enrolled Summer 2018 or after)	42	42
Nursing Program Fee (enrolled Summer 2018 or after)	84	84
Packaging Science Program Fee (enrolled Summer 2018 or after)	84	84
Food Science & Human Nutrition Program Fee (enrolled Summer 2018 or after)	63	63
Design/ Build Program Fee (enrolled Summer 2018 or after)	63	63
Cardiovascular Technology Concentration for Health Science Majors	200	200
Electrical & Computer Engineering - Online Courses Academic Fee	702	702
<b>Other Undergraduate Fees (Other Mandatory Fees Apply):</b>	<b>Resident</b>	<b>Non-Resident</b>
<b>Undergraduate Online Programs: (per credit hour)</b>		
RN/ BS	\$ 550	\$ 550
Youth Development Program	550	550
<b>Laboratory Fees: (per seat)</b>		
Variable Laboratory Fee Based on Specific Course Labs	\$75 - \$200	\$75 - \$200
Animal & Veterinary Sciences Laboratory Fee	600	600
<b>Contract Courses:</b>		
Level 1-Graduate Tier 1 and 2 Programs	\$700 - \$1,000	\$750 - \$1,050
Level 2-Graduate Tier 1 and 2 Programs	\$550 - \$699	\$600 - \$749
Level 3-Graduate Tier 2 and 3 Programs	\$400 - \$549	\$450 - \$599
Level 4-Undergraduate, Graduate Tier 3 and 4 Programs	\$250 - \$399	\$300 - \$449
Level 5-Professional Development, High School Programs	\$100 - \$249	\$150 - \$299
<b>Bridge to Clemson Program Fee (Other Mandatory Fees Apply):</b>	<b>Resident</b>	<b>Non-Resident</b>
Bridge to Clemson Program Fee (Fall 2020)	\$ 817	\$ 817
Bridge to Clemson Program Fee (Fall 2021)	817	817



# 2020 Undergraduate Tuition & Fee Schedule

## Academic Fee Schedule

### Undergraduate Student Academic Fee Schedule – Effective Fall 2019

#### Clemson-Sponsored Programs

Semester (Fall and Spring) Fees (per term)	Resident	Non-Resident
Academic Fee	\$ 7,059	\$ 7,059
Study Abroad Fee	766	766
Study Abroad Program Fee (based on course/section)	various	various
Embedded program study abroad fee	191	191

#### Summer Fees

	Resident	Non-Resident
Academic Fee (per credit hour)	\$ 637	\$ 637
Study Abroad Fee (per credit hour)	65	65
Study Abroad Program Fee (per term based on course/section)	various	various

#### Exchange Programs

Semester (Fall and Spring) Fees (per term)	Resident	Non-Resident
Academic Fee	\$ 7,259	\$ 7,259
Study Abroad Exchange Fee	596	596
Study Abroad Fee	766	766

#### 3rd Party / Direct Enrollment Programs

Semester (Fall or Spring) Fees (per term)	Resident	Non-Resident
Study Abroad Fee	\$ 766	\$ 766
<b>Summer Fees (per term)</b>		
Study Abroad Fee	\$ 383	\$ 383





# 2020 Graduate Tuition & Fee Schedule

## Academic Fee Schedule

### Graduate Student Academic Fee Schedule – Effective Fall 2020

<b>Full-Time Graduate Fees Per Semester (nine hours or more): enrolled Summer 2018 or after</b>	<b>Resident</b>	<b>Non-Resident</b>
Tier 1 Program - Base Academic Fee	\$ 5,225	\$ 11,000
Tier 2 Program - Base Academic Fee	4,300	8,600
Tier 3 Program - Base Academic Fee	3,600	7,100
<b>Full-Time Graduate Fees Per Semester (nine hours or more): enrolled prior to Summer 2018</b>	<b>Resident</b>	<b>Non-Resident</b>
Tier 1 Program - Base Academic Fee	\$ 4,635	\$ 9,476
Tier 2 Program - Base Academic Fee	3,863	7,828
Tier 3 Program - Base Academic Fee	3,245	6,541
Tier 4 Program - Base Academic Fee	3,000	6,131
Tier 5 Program - Base Academic Fee	2,357	4,886
Doctoral Base Academic Fee	\$ 3,938	\$ 7,980
College of Education EdD Programs (enrolled starting Fall 2020)	3,888	3,888
College of Education PhD Programs (enrolled starting Summer 2018)	3,888	3,888
College of Education PhD Programs (enrolled prior to Summer 2018)	3,245	3,888
<b>Additional Full-Time Graduate Fees per Semester:</b>		
Tuition	\$ 860	\$ 2,085
Other Debt Retirement and Plant Fund Transfers	140	340
Matriculation	5	5
Activity Fee	20	20
Software License Fee	21	21
Campus Recreation (6+ on-campus credit hours)	90	90
Health Fee (6+ on-campus credit hours)	182	182
Transit Fee (6+ on-campus credit hours; additional \$17 for non-University housed students)	40	40
Library Fee	119	119
Information Technology Fee	119	119
Career Services Fee	2	2
<b>Total Additional Full-Time Graduate Fees per Semester</b>	<b>\$ 1,598</b>	<b>\$ 3,023</b>



# 2020 Graduate Tuition & Fee Schedule

## Academic Fee Schedule

### Graduate Student Academic Fee Schedule – Effective Fall 2020

Full-Time Graduate Assistant Fees Per Semester:	Resident	Non-Resident
Graduate Assistant Fee	\$ 650	\$ 650
Tuition	10	10
Other Debt Retirement and Plant Fund Transfers	5	5
Matriculation	5	5
Activity Fee	20	20
Software License Fee	21	21
Campus Recreation (6+ on-campus credit hours)	90	90
Health Fee (6+ on-campus credit hours)	182	182
Library Fee	119	119
Transit Fee (6+ on-campus credit hours; additional \$17 for non-University housed students)	40	40
Career Services Fee	2	2
<b>Total Full-Time Graduate Assistant Fees per Semester</b>	<b>\$ 1,144</b>	<b>\$ 1,144</b>



# 2020 Graduate Tuition & Fee Schedule

## Academic Fee Schedule

### Graduate Student Academic Fee Schedule – Effective Fall 2020

<b>Part-Time Graduate Fees Per Credit Hour (less than nine hours): enrolled Summer 2018 or after</b>	<b>Resident</b>	<b>Non-Resident</b>
Tier 1 Program - Base Academic Fee	\$ 744	\$ 1,518
Tier 2 Program - Base Academic Fee	635	1,238
Tier 3 Program - Base Academic Fee	467	896
<b>Part-Time Graduate Fees Per Credit Hour (less than nine hours): enrolled prior to Summer 2018</b>	<b>Resident</b>	<b>Non-Resident</b>
Tier 1 Program - Base Academic Fee	\$ 660	\$ 1,308
Tier 2 Program - Base Academic Fee	571	1,127
Tier 3 Program - Base Academic Fee	421	825
Tier 4 Program - Base Academic Fee	393	767
Tier 5 Program - Base Academic Fee	339	652
Doctoral Base Academic Fee	\$ 582	\$ 1,149
College of Education EdD Programs ( <i>enrolled starting Fall 2020</i> )	432	432
College of Education EdD Programs ( <i>enrolled prior to Fall 2020</i> )	365	241
College of Education PhD Programs ( <i>enrolled starting Summer 2018</i> )	432	432
College of Education PhD Programs ( <i>enrolled prior to Summer 2018</i> )	421	432
Healthcare Genetics PhD Program ( <i>enrolled prior to summer 2018</i> )	421	557
<b>Additional Part-Time Graduate Mandatory Fees per Credit Hour:</b>		
Tuition	\$ 77	\$ 184
Other Debt Retirement and Plant Fund Transfers	12	29
<b>Total Additional Part-Time Graduate Mandatory Fees per Credit Hour</b>	<b>\$ 89</b>	<b>\$ 213</b>
<b>Other Part-Time Graduate Fees:</b>		
<b>Per Credit Hour:</b>		
Library Fee	\$ 10	\$ 10
Information Technology Fee	10	10
<b>Per Session:</b>		
Matriculation	\$ 5	\$ 5
Activity Fee (6+ credit hours)	20	20
Software License Fee	21	21
Campus Recreation (6+ on-campus credit hours)	90	90
Health Fee (6+ on-campus credit hours)	182	182
Career Services Fee	2	2
Transit Fee (6+ on-campus credit hours; additional \$17 for non-University housed students)	40	40



# 2020 Graduate Tuition & Fee Schedule

## Academic Fee Schedule

### Graduate Student Academic Fee Schedule – Effective Fall 2020

Summer Session Graduate Fees Per Credit Hour: enrolled prior to Summer 2018	Resident	Non-Resident
Tier 1 Program - Base Academic Fee	\$ 660	\$ 1,308
Tier 2 Program - Base Academic Fee	571	1,127
Tier 3 Program - Base Academic Fee	421	825
Tier 4 Program - Base Academic Fee	393	767
Tier 5 Program - Base Academic Fee	339	652
Doctoral Base Academic Fee	\$ 582	\$ 1,149
College of Education EdD Programs ( <i>enrolled starting Fall 2020</i> )	432	432
College of Education EdD Programs ( <i>enrolled prior to Fall 2020</i> )	365	241
College of Education PhD Programs ( <i>enrolled starting Summer 2018</i> )	432	432
College of Education PhD Programs ( <i>enrolled prior to Summer 2018</i> )	421	432
MBA with a Concentration in Entrepreneurship and Innovation Full-Time Track	744	620
Healthcare Genetics PhD Program ( <i>enrolled prior to summer 2018</i> )	421	557
<b>Additional Summer Session Graduate Mandatory Fees per Credit Hour:</b>		
Tuition	\$ 77	\$ 184
Other Debt Retirement and Plant Fund Transfers	12	29
<b>Total Additional Summer Session Graduate Mandatory Fees per Credit Hour</b>	<b>\$ 89</b>	<b>\$ 213</b>
<b>Other Summer Session Graduate Fees:</b>		
<i>Per Credit Hour:</i>		
Library Fee	\$ 10	\$ 10
Information Technology Fee	10	10
<i>Per Session:</i>		
Summer Session Fee ( <i>maximum \$35</i> )	\$ 5	\$ 5
Software License Fee ( <i>maximum \$22</i> )	11	11
Campus Recreation ( <i>3+ on-campus credit hours, maximum \$52</i> )	26	26
Health Fee ( <i>3+ on-campus credit hours, maximum \$132</i> )	66	66
Deer Quality Management	\$ 1,500	\$ 1,500
Graduate Assistant Fee ( <i>Full Summer Session</i> )	600	600
Graduate Assistant Fee ( <i>Half Summer Session</i> )	300	300



# 2020 Graduate Tuition & Fee Schedule

## Academic Fee Schedule

### Graduate Student Academic Fee Schedule – Effective Fall 2020

<b>Online Programs Graduate Fees Per Credit Hour:</b>	<b>Resident</b>	<b>Non-Resident</b>
Tier 1 Program - Base Academic Fee *	\$ 1,175	\$ 1,175
Tier 2 Program - Base Academic Fee	866	866
Tier 3 Program - Base Academic Fee	681	681
Tier 4 Program - Base Academic Fee	544	544
Tier 5 Program - Base Academic Fee	410	410
<b>Additional Mandatory Graduate Fees per Credit Hour:</b>		
Tuition	\$ 77	\$ 77
Other Debt Retirement and Plant Fund Transfers	12	12
<b>Total Additional Mandatory Graduate Fees per Credit Hour</b>	<b>\$ 89</b>	<b>\$ 89</b>
<b>Other Online Graduate Fees:</b>		
<i>Per Credit Hour:</i>		
Library Fee	\$ 10	\$ 10
Information Technology Fee	10	10
<i>Per Session:</i>		
Matriculation	\$ 5	\$ 5
Software License Fee	21	21
Career Services Fee (6+ credit hours)	2	2

\* Tier 1 rate has not changed. Tier 1 now includes Masters of Science in Data Science and Analytics which was previously listed as a separate program.



# 2020 Graduate Tuition & Fee Schedule

## Academic Fee Schedule

### Graduate Student Academic Fee Schedule – Effective Fall 2020

Other Graduate Fees ( <i>Other Mandatory Fees Apply</i> ):	Resident	Non-Resident
<b>Premier Program Academic Fees per Semester:</b>		
Masters in Historic Preservation	\$ 15,750	\$ 15,750
Masters of Science, Major in Nursing	9,075	16,051
Masters in Business Administration (MBA)	9,901	16,270
MBA with a Concentration in Entrepreneurship and Innovation Full-Time Track	11,370	11,370
Masters & PhD in Automotive Engineering (enrolled starting Fall 2019)	6,950	15,500
Masters of Architecture (M.Arch.)	6,254	13,619
Masters of Landscape Architecture (MLA)	6,254	13,619
Masters of Fine Arts in Digital Production Arts	14,080	14,080
Masters of Science in Digital Production Arts	12,784	12,784
PhD in Biomedical Data Science & Informatics (Joint Degree w/ MUSC)	8,011	10,823
Masters in Real Estate Development ( <i>offered in 12 and 18-month sequences</i> )	17,500	17,500
Master of Arts in Resilient Urban Design	12,500	12,500
<b>Premier Program Academic Fees per Credit Hour:</b>		
Masters in Historic Preservation	\$ 1,050	\$ 1,050
Masters of Science, Major in Nursing	1,009	1,784
Masters in Business Administration (MBA)	833	1,731
Masters in Business Administration with a Concentration in Entrepreneurship and Innovation Part-Time Track	1,031	1,283
Masters & PhD in Automotive Engineering (enrolled starting Fall 2019)	993	2,215
Masters of Architecture (M.Arch.)	695	1,514
Masters of Landscape Architecture (MLA)	695	1,514
Masters of Fine Arts in Digital Production Arts	1,565	1,565
Masters of Science in Digital Production Arts	1,420	1,420
PhD in Biomedical Data Science & Informatics (Joint Degree w/ MUSC)	668	995
Masters in Real Estate Development	1,222	1,222
Masters of Arts in Resilient Urban Design	1,042	1,042
Masters in Business Administration, Concentration in Business Analytics Part-Time	1,031	1,283
Masters of Engineering in Civil Engineering with Concentration in Risk Engineering & System Analytics	1,114	1,114
<b>Other Premier Program Academic Fees:</b>		
Masters & PhD in Automotive Engineering ( <i>enrolled prior to Summer 2018</i> ) - Per Semester	5,665	13,081
Masters & PhD in Automotive Engineering ( <i>enrolled prior to Summer 2018</i> ) - Per Credit Hour	810	1,868
Masters in Business Administration (MBA) ( <i>enrolled prior to Summer 2018</i> ) - Per Credit Hour	749	1,521



# 2020 Graduate Tuition & Fee Schedule

## Academic Fee Schedule

### Graduate Student Academic Fee Schedule – Effective Fall 2020

#### Other Fees per Semester:

Student Sustainability Initiative (i.e. Green Fee) - opt in Fee  
 International Student Fee  
 Teacher Residency Program Fee

	<b>Resident</b>	<b>Non-Resident</b>
	\$ 10	\$ 10
	100	100
	500	500

#### Certificate Programs:

Automotive Engineering Industry Certificate Program (per credit hour)  
 Risk Engineering & System Analytics (per credit hour)  
 Translational Genomics (onetime)  
 Educational Leadership (onetime)  
 International Family and Community Studies Professional Certificate Program (*per credit hour*)  
     International Program Sites  
     Albania Program

	\$ 988	\$ 988
	1,139	1,139
	2,000	2,000
	2,000	2,000
	N/A	\$ 300
	N/A	300

#### Contract Courses:

Level 1-Graduate Tier 1 and 2 Programs  
 Level 2-Graduate Tier 1 and 2 Programs  
 Level 3-Graduate Tier 2 and 3 Programs  
 Level 4-Undergraduate, Graduate Tier 3 and 4 Programs  
 Level 5-Professional Development, High School Programs

	\$700 - \$1,000	\$750 - \$1,050
	\$550 - \$699	\$600 - \$749
	\$400 - \$549	\$450 - \$599
	\$250 - \$399	\$300 - \$449
	\$100 - \$249	\$150 - \$299

#### Other Graduate Fees:

Variable Laboratory Fees Based on Specific Course Labs per Seat  
 Animal & Veterinary Sciences Laboratory Fee

	\$75 - \$200	\$75 - \$200
	600	600



# 2020 Graduate Tuition & Fee Schedule

## Academic Fee Schedule

### Graduate Student Academic Fee Schedule – Effective Fall 2020

#### Clemson-Sponsored Programs

Semester (Fall and Spring) Fees (per term)	Resident	Non-Resident
Non-Assistantship Academic Fee	\$ 5,375	\$ 5,375
Assistantship Academic Fee	665	665
Study Abroad Fee	597	597
Study Abroad Program Fee <i>(based on course/section)</i>	various	various
Embedded program study abroad fee	191	191

Summer Fees	Resident	Non-Resident
Non-Assistantship Academic Fee <i>(per credit hour)</i>	\$ 704	\$ 704
Non-Assistantship Study Abroad Fee <i>(per credit hour)</i>	72	72
Assistantship Academic Fee <i>(per term)</i>	600	600
Assistantship Study Abroad Fee <i>(per term)</i>	60	60
Study Abroad Program Fee <i>(per term based on course/section)</i>	various	various

#### Exchange Programs

Semester (Fall and Spring) Fees (per term)	Resident	Non-Resident
Non-Assistantship Academic Fee	\$ 5,575	\$ 5,575
Study Abroad Exchange Fee	593	593
Assistantship Academic Fee	665	665
Study Abroad Fee	597	597

#### 3rd Party / Direct Enrollment Programs

Semester (Fall or Spring) Fees (per term)	Resident	Non-Resident
Study Abroad Fee	\$ 597	\$ 597

Summer Fees (per term)	Resident	Non-Resident
Study Abroad Fee	\$ 383	\$ 383

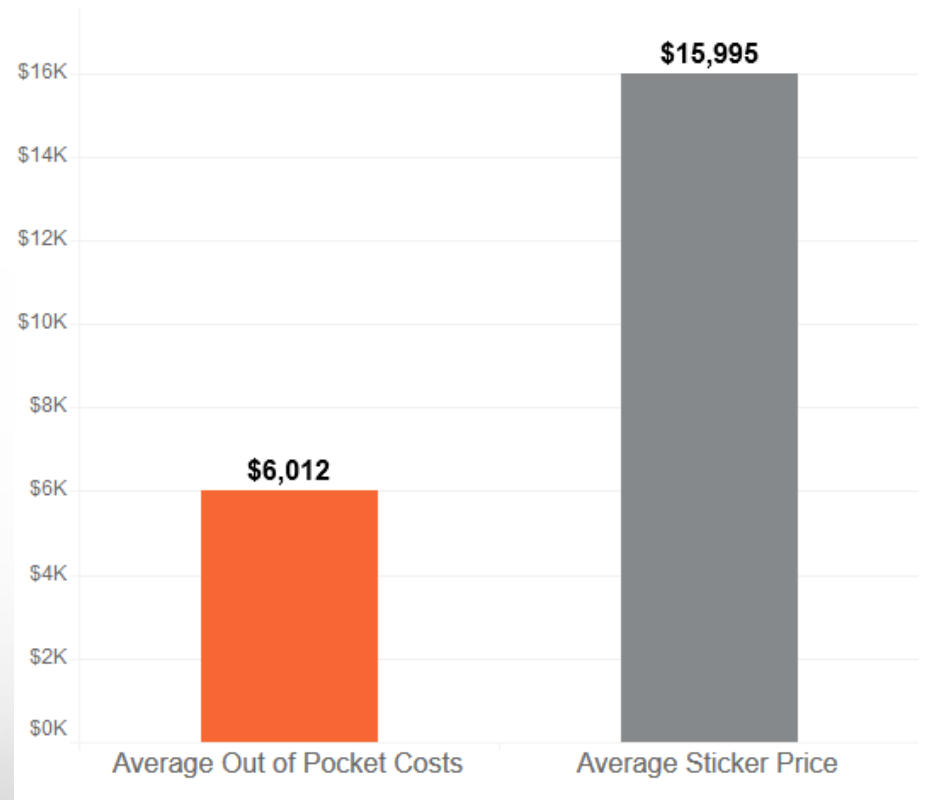




# Clemson is Affordable

- Real cost to in-state students at Clemson is about 38% of the sticker price

Average Out of Pocket Cost and Sticker Price for In-State, New Undergraduate Students  
(Fall 2018 values x 2)



1. Out-of-pocket cost analysis includes all first year full time students. Average fees include college and academic program fees.



# Scholarships & Grant Aid for FY 2020 Undergraduates

	# Students	\$ Amount
<b>Federal Scholarships and Grants</b>		
Pell Grant	3,494	\$15,289,132
SEOG Grant	916	\$924,074
Fed Iraq/Afghan Service Grant	1	\$5,830
<b>Total Federal</b>	<b>4,411</b>	<b>\$16,219,036</b>
<b>State Scholarships and Grants</b>		
LIFE Scholarship	5,329	\$25,274,807
LIFE Scholarship Enhancement	1,744	\$4,055,524
Palmetto Fellows Scholarship	3,965	\$27,441,501
Palmetto Fellows Enhancement	2,105	\$4,899,780
HOPE Scholarship	8	\$22,400
SC Need-Based Grant	1,717	\$2,665,807
National Guard Grant	25	\$124,031
<b>Total State</b>	<b>14,893</b>	<b>\$64,483,850</b>
<b>Institutional Scholarships and Grants</b>		
FOUR	4,868	\$13,796,488
Recruiting Funds	4,840	\$29,547,031
Restricted Funds	1,528	\$2,332,240
Grant in Aids	991	\$1,671,080
Other	558	\$1,581,033
<b>Total Institutional</b>	<b>12,785</b>	<b>\$48,927,872</b>
<b>TOTAL SCHOLARSHIPS AND GRANT AID</b>	<b>32,089</b>	<b>\$129,630,758</b>

# Outstanding Debt

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Tab G





## Proviso 11.16 – Outstanding Debt

- As of June 30, 2020, projected outstanding balance of \$596mm of bonds issued by University or on its behalf:
  - \$199mm State Institution General Obligation Bonds (issued on behalf of the University)
  - \$268mm Revenue Bonds
  - \$129mm Athletic Facilities Revenue Bonds

Description	Original Debt	Interest Rate (outstanding)	Maturity Dates	June 30, 2020 Balance	Debt Retired in Fiscal Year 2020
<b>General Obligation Bonds</b>					
Bonds dated 4/01/07 (Series 2007B)	\$ 14,000,000	2.50%	6/1/2021	\$ 1,240,000	\$ 1,180,000
Bonds dated 3/01/11 (Series 2011B)	62,370,000	4.125-5.00%	3/1/2031	5,000,000	5,000,000
Bonds dated 6/1/14 (Series 2014B)	33,030,000	3.00-5.00%	4/1/2034	25,790,000	1,310,000
Bonds dated 10/01/16 (Series 2016F)	52,395,000	2.00-5.00%	6/1/2036	46,545,000	2,045,000
Bonds dated 8/24/17 (Series 2017A)	120,885,000	2.25-5.00%	4/1/2037	115,355,000	500,000
Bonds dated 5/23/19 (Series 2019A)	5,635,000	3.00-5.00%	4/1/2039	5,430,000	205,000
				<u>199,360,000</u>	
<b>Revenue Bonds</b>					
Bonds dated 12/1/05 (Series 2005)	22,130,000	0.00%	5/1/2020	—	705,000
Bonds dated 5/1/15 (Series 2015)	90,285,000	4.00-5.00%	5/1/2045	85,180,000	1,785,000
Bonds dated 12/1/15 (Series 2015B)	191,000,000	2.75-5.00%	5/1/2046	182,390,000	4,410,000
				<u>267,570,000</u>	
<b>Athletic Facilities Revenue Bonds</b>					
Bonds dated 2/1/12 (Series 2012)	12,335,000	2.00-3.00%	5/1/2023	2,945,000	910,000
Bonds dated 12/1/14 (Series 2014A)	30,695,000	3.00-5.00%	5/1/2045	30,695,000	—
Bonds dated 12/1/14 (Series 2014B)	9,240,000	2.40-4.00%	5/1/2027	5,095,000	890,000
Bonds dated 12/1/14 (Series 2014C)	10,545,000	2.00-5.00%	5/1/2025	7,190,000	845,000
Bonds dated 5/1/15 (Series 2015)	60,695,000	4.00-5.00%	5/1/2045	55,185,000	1,185,000
Bonds dated 12/1/15 (Series 2015B)	18,875,000	3.00-5.00%	5/1/2046	16,975,000	515,000
Bonds dated 1/1/18 (Series 2018A)	11,300,000	3.00-5.00%	5/1/2047	11,300,000	—
				<u>129,385,000</u>	
Subtotal bonds payable				596,315,000	21,485,000
Plus unamortized bond premium				44,245,899	2,650,558
<b>Total Bonds Payable</b>				<u><u>\$ 640,560,899</u></u>	<u><u>\$ 24,135,558</u></u>



# Proviso 11.16 - Outstanding Debt

## Institutional Bond Debt Amortization schedule

Clemson University - Bond Debt Amortization as of June 30, 2020

Period Ending	State Institution GO			University Revenue			Athletic Facilities Revenue			Total Debt Service		Total Debt Service
	Principal	Interest	Debt Service	Principal	Interest	Debt Service	Principal	Interest	Debt Service	Principal	Interest	
6/30/2021	10,450,000	7,840,713	18,290,713	6,505,000	10,892,451	17,397,451	4,535,000	5,063,554	9,598,554	21,490,000	23,796,718	45,286,718
6/30/2022	10,770,000	7,349,213	18,119,213	6,825,000	10,567,201	17,392,201	4,850,000	4,879,984	9,729,984	22,445,000	22,796,398	45,241,398
6/30/2023	11,310,000	6,810,713	18,120,713	7,170,000	10,225,951	17,395,951	5,040,000	4,718,784	9,758,784	23,520,000	21,755,448	45,275,448
6/30/2024	11,875,000	6,245,213	18,120,213	7,530,000	9,867,451	17,397,451	5,350,000	4,517,271	9,867,271	24,755,000	20,629,935	45,384,935
6/30/2025	12,470,000	5,651,463	18,121,463	7,900,000	9,490,951	17,390,951	5,600,000	4,269,771	9,869,771	25,970,000	19,412,185	45,382,185
6/30/2026	13,095,000	5,027,963	18,122,963	8,295,000	9,095,951	17,390,951	3,420,000	4,025,471	7,445,471	24,810,000	18,149,385	42,959,385
6/30/2027	13,735,000	4,390,763	18,125,763	8,710,000	8,681,201	17,391,201	3,570,000	3,872,206	7,442,206	26,015,000	16,944,170	42,959,170
6/30/2028	14,310,000	3,808,663	18,118,663	8,145,000	8,245,701	16,390,701	3,735,000	3,711,806	7,446,806	26,190,000	15,766,170	41,956,170
6/30/2029	14,900,000	3,219,363	18,119,363	8,425,000	7,962,426	16,387,426	3,915,000	3,525,056	7,440,056	27,240,000	14,706,845	41,946,845
6/30/2030	14,955,000	2,862,025	17,817,025	8,850,000	7,541,176	16,391,176	4,085,000	3,364,606	7,449,606	27,890,000	13,767,808	41,657,808
6/30/2031	15,080,000	2,233,825	17,313,825	9,180,000	7,211,631	16,391,631	4,235,000	3,204,556	7,439,556	28,495,000	12,650,013	41,145,013
6/30/2032	10,665,000	1,694,219	12,359,219	9,515,000	6,875,231	16,390,231	4,405,000	3,036,581	7,441,581	24,585,000	11,606,031	36,191,031
6/30/2033	10,835,000	1,376,494	12,211,494	9,830,000	6,557,731	16,387,731	4,565,000	2,880,431	7,445,431	25,230,000	10,814,656	36,044,656
6/30/2034	11,015,000	1,049,431	12,064,431	10,160,000	6,229,531	16,389,531	4,725,000	2,717,756	7,442,756	25,900,000	9,996,719	35,896,719
6/30/2035	8,815,000	712,519	9,527,519	10,495,000	5,890,081	16,385,081	4,900,000	2,547,506	7,447,506	24,210,000	9,150,106	33,360,106
6/30/2036	8,925,000	452,400	9,377,400	10,850,000	5,539,231	16,389,231	5,075,000	2,369,044	7,444,044	24,850,000	8,360,675	33,210,675
6/30/2037	5,375,000	184,650	5,559,650	11,220,000	5,167,400	16,387,400	5,260,000	2,183,319	7,443,319	21,855,000	7,535,369	29,390,369
6/30/2038	385,000	23,400	408,400	11,670,000	4,718,600	16,388,600	5,455,000	1,988,150	7,443,150	17,510,000	6,730,150	24,240,150
6/30/2039	395,000	11,850	406,850	12,140,000	4,251,800	16,391,800	5,665,000	1,782,763	7,447,763	18,200,000	6,046,413	24,246,413
6/30/2040				12,625,000	3,766,200	16,391,200	5,875,000	1,568,800	7,443,800	18,500,000	5,335,000	23,835,000
6/30/2041				13,130,000	3,261,200	16,391,200	6,100,000	1,345,938	7,445,938	19,230,000	4,607,138	23,837,138
6/30/2042				13,655,000	2,736,000	16,391,000	6,320,000	1,114,488	7,434,488	19,975,000	3,850,488	23,825,488
6/30/2043				14,200,000	2,189,800	16,389,800	6,570,000	869,888	7,439,888	20,770,000	3,059,688	23,829,688
6/30/2044				14,765,000	1,621,800	16,386,800	6,825,000	615,588	7,440,588	21,590,000	2,237,388	23,827,388
6/30/2045				15,355,000	1,031,200	16,386,200	7,095,000	351,388	7,446,388	22,450,000	1,382,588	23,832,588
6/30/2046				10,425,000	417,000	10,842,000	1,565,000	75,925	1,640,925	11,990,000	492,925	12,482,925
6/30/2047							650,000	21,938	671,938	650,000	21,938	671,938
<b>Total</b>	<b>\$ 199,360,000</b>	<b>\$ 60,944,875</b>	<b>\$ 260,304,875</b>	<b>\$ 267,570,000</b>	<b>\$ 160,034,900</b>	<b>\$ 427,604,900</b>	<b>\$ 129,385,000</b>	<b>\$ 70,622,567</b>	<b>\$ 200,007,567</b>	<b>\$ 596,315,000</b>	<b>\$ 291,602,342</b>	<b>\$ 887,917,342</b>

# Employee Demographics

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Tab H

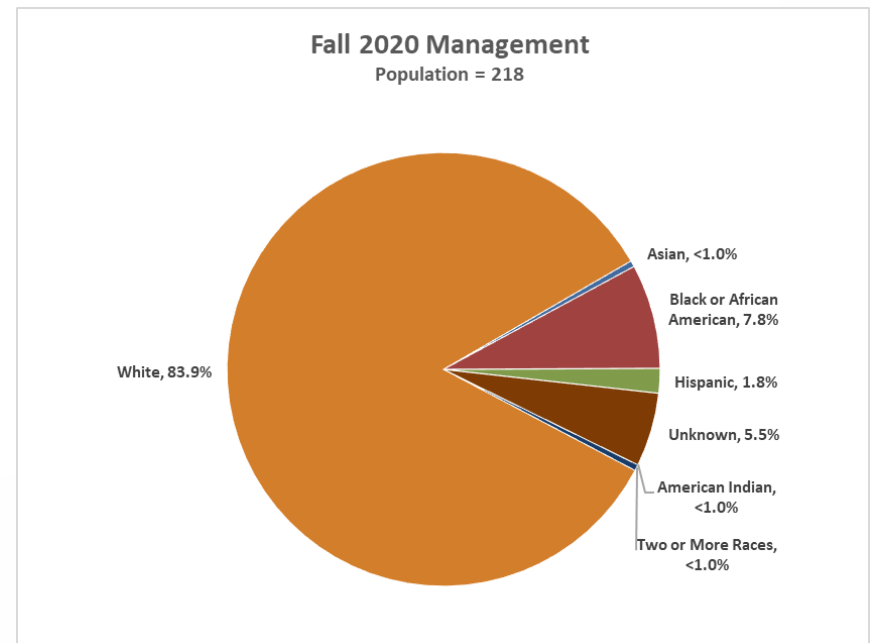
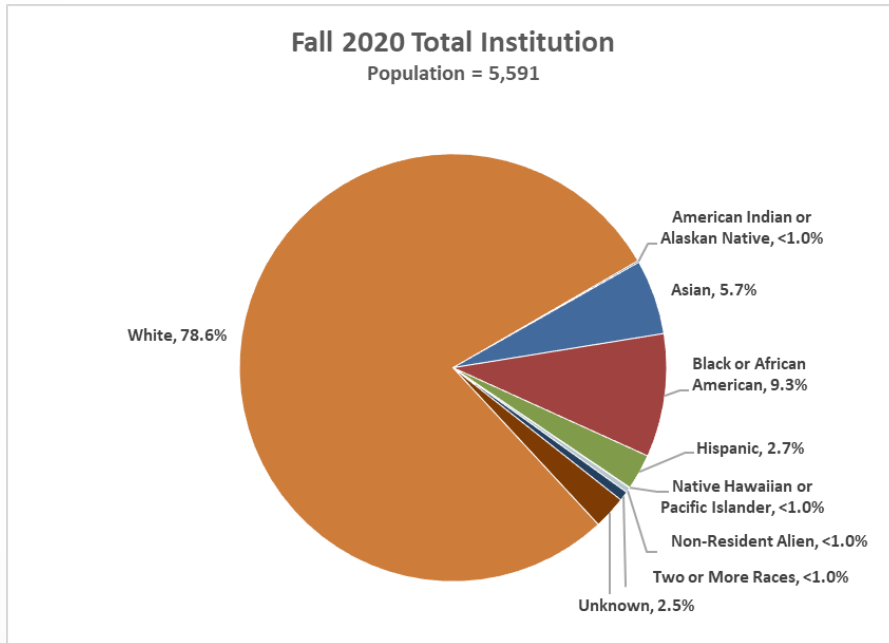


	State FTEs	Federal FTEs	Other Funds FTEs	Total FTEs
E&G Authorized FTEs	1,306.71	84.19	2,179.01	3,569.91
FTEs in Recruitment /Earmarked	50.33	6.10	78.32	134.75
Vacant FTEs	111.36	9.44	283.40	404.20
Vacant as % of Authorized	8.5%	11.2%	13.0%	11.3%

- The University (H120) currently has 538.95 vacant E&G FTEs, of which 134.75 are in the recruitment process. **The remaining 404.20 FTEs are being evaluated for recruitment and refill.** This leaves Clemson with 11.3% of its total FTE authorization available for new positions.
- Clemson’s request for an additional 80.0 FTEs for FY21 have not yet been authorized by the State for hiring in FY21. For FY22, Clemson is not requesting any additional FTEs for Other E&G Earmarked Funds and will use existing vacancies to support FY22 FTE needs.
- Additionally, Clemson has requested \$11.9mm in recurring state appropriations, of which approximately \$5.4mm will be used for salaries and fringe benefit expenses for 35 FTEs.



# Employee Ethnicity Fall 2020



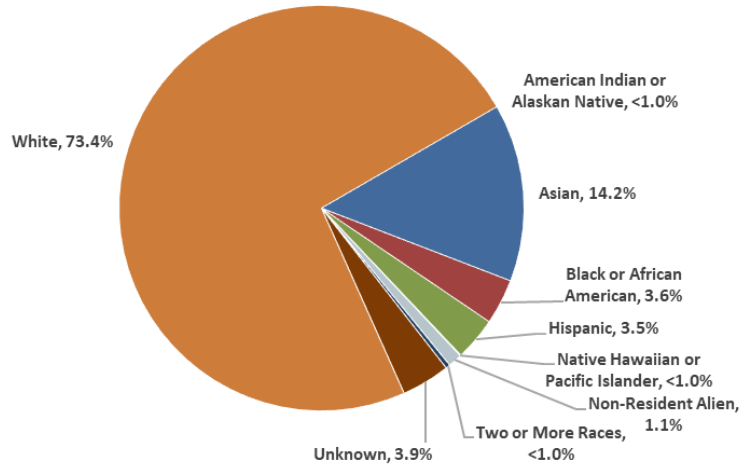
- Minorities total 21.4% of total institutional employees and 16.1% of non-faculty employees



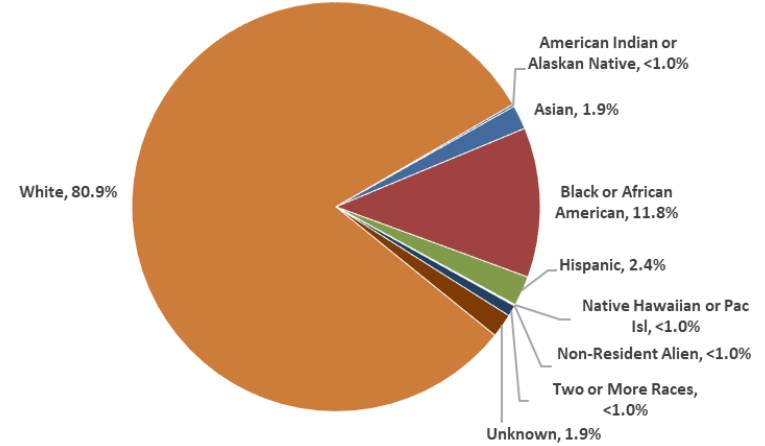


# Employee Ethnicity Fall 2020

**Fall 2020 Faculty**  
Population = 1,708



**Fall 2020 Non-Faculty**  
Population = 3,883



- Minorities total 26.6% of faculty and 19.1% of non-faculty employees

# 4% Waivers & Abatements

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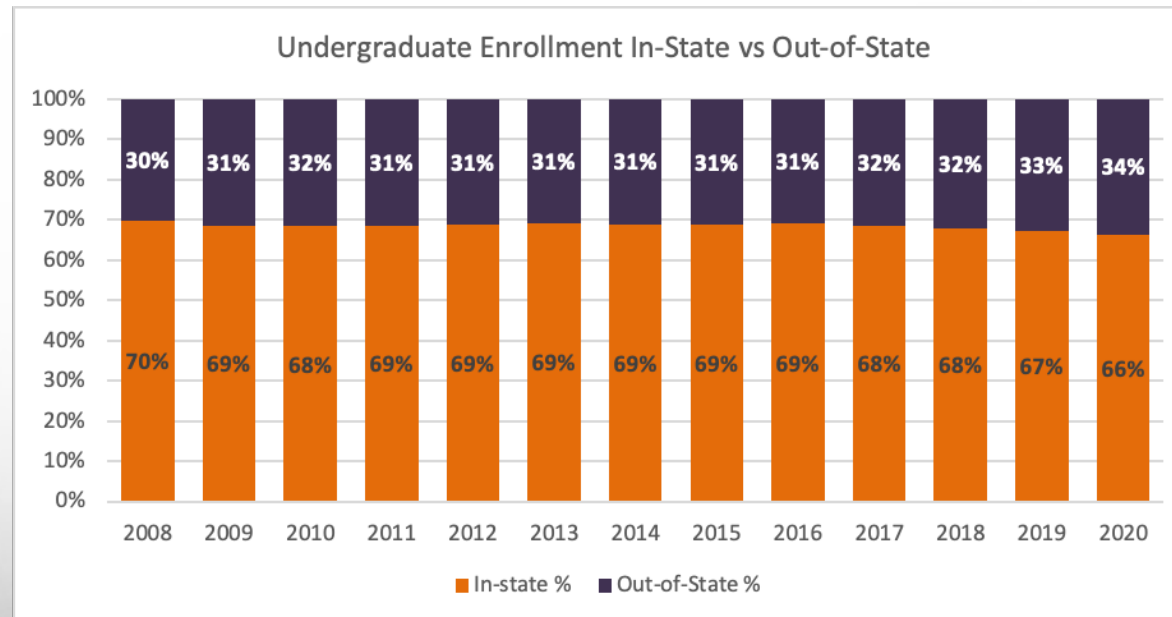
Tab I



# Clemson's Policy Toward Out-of-State Students and Tuition Discounting Has Remained Constant



- In-state/out-of-state mix has remained largely **unchanged**, despite record out-of-state applications
- Academic recruiting waivers are an important tool to increase the academic quality of the incoming freshman class
- After accounting for waivers, each out-of-state student generates, on average a **\$1,519 scholarship** for each in-state student





## Proviso 11.15 - Calculation of 4% Scholarships – Methodology

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- Clemson’s formula multiplies 4% of the average undergraduate student FTEs (full-time = 12 credit hours) by the full-time tuition and fees per year (Fall and Spring) for undergraduate in-state students. This calculation provides the amount of E&G funds that the University may utilize to provide scholarships

FY 2019-20 budget calculation:

4% Cap	\$15,256,080 (1,009 students FTEs X \$15,120 annual tuition)
Actual Scholarships	\$13,796,488
Remaining within Cap	\$1,459,592



# Proviso 11.15 - Scholarships Funded with 4% Funds

	FY 2017-18		FY 2018-19		FY 2019-20	
	# Students	\$ Awarded	# Students	\$ Awarded	# Students	\$ Awarded
<b>In-State Students</b>						
Freshman	1,180	4,891,946	1,437	4,046,327	1,406	3,887,819
Sophomore	982	3,501,089	1,234	4,246,796	1,283	3,615,852
Junior	790	2,604,898	1,105	3,553,748	1,116	3,471,181
Senior	719	2,083,372	1,010	2,913,319	1,062	2,821,635
<b>Total In-State</b>	<b>3,671</b>	<b>13,081,305</b>	<b>4,786</b>	<b>14,760,190</b>	<b>4,868</b>	<b>13,796,488</b>
<b>Out-of-State Students</b>						
Freshman	0	0	0	0	0	0
Sophomore	0	0	0	0	0	0
Junior	0	0	0	0	0	0
Senior	0	0	0	0	0	0
<b>Total Out-of-State</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Students</b>						
Freshman	1,180	4,891,946	1,437	4,046,327	1,406	3,887,819
Sophomore	982	3,501,089	1,234	4,246,796	1,283	3,615,852
Junior	790	2,604,898	1,105	3,553,748	1,116	3,471,181
Senior	719	2,083,372	1,010	2,913,319	1,062	2,821,635
<b>Total</b>	<b>3,671</b>	<b>13,081,305</b>	<b>4,786</b>	<b>14,760,190</b>	<b>4,868</b>	<b>13,796,488</b>

1. Classification based on Student Start Date.
2. FY 2020-21 figures are estimates.



# Abatements at Clemson University

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- An abatement is the reduction of an out-of-state student's tuition as detailed in Section 59-112-70
  - 59-112-70 (A)
    - Undergraduate awards on the basis merit, financial need, and athletic ability
  - 59-112-70 (B)
    - Sister State agreements based upon CHE approved list
  - 59-112-70 (C)
    - International Exchange agreements
- Clemson primarily employs partial abatements of tuition
  - Only 11% of abatements awarded are full abatements
- See Attachment A for report required in Proviso 11.15



# Proviso 11.15 – Academic Recruiting & Athletic Abatements

		FY 2017-18 #	FY 2017-18 \$	FY 2018-19 #	FY 2018-19 \$	FY 2019-20 #	FY 2019-20 \$
		Students	Awarded	Students	Awarded	Students	Awarded
<b>Academic</b>							
	Freshman	833	\$ 7,525,771	842	\$ 8,865,704	526	\$ 3,386,626
	Sophomore	654	\$ 5,778,558	737	\$ 7,260,812	666	\$ 6,418,778
	Junior	538	\$ 4,411,431	678	\$ 5,896,741	646	\$ 6,061,068
	Senior	636	\$ 5,584,558	626	\$ 5,102,385	946	\$ 10,133,299
	<b>Total</b>	2,661	23,300,318	2,883	27,125,642	2,784	\$ 25,999,771
<b>Athletic</b>							
	Freshman	52	\$ 1,013,673	59	\$ 1,203,809	82	\$ 1,269,826
	Sophomore	60	\$ 1,170,424	61	\$ 1,230,128	68	\$ 1,348,842
	Junior	53	\$ 965,873	46	\$ 895,446	64	\$ 1,267,592
	Senior	55	\$ 851,564	40	\$ 641,452	67	\$ 1,519,028
	<b>Total</b>	220	4,001,534	206	3,970,835	281	\$ 5,405,288
<b>Total Abatements</b>							
	Freshman	885	8,539,444	901	10,069,513	608	\$ 4,656,452
	Sophomore	714	6,948,982	798	8,490,940	734	\$ 7,767,620
	Junior	591	5,377,304	724	6,792,187	710	\$ 7,328,660
	Senior	691	6,436,122	666	5,743,837	1,013	\$ 11,652,327
	<b>Total</b>	2,881	27,301,852	3,089	31,096,477	3,065	\$ 31,405,059

# Capital Projects and Maintenance Plan

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Tab J







## Capital Projects Reflect Critical Priorities

- The tables below summarize the status of active capital projects as well as those projects with more than \$1.0mm in remaining project balances as of November 2020.

Summary of Active Capital Projects by Functional Area

Functional Area	Project Budget	Budget Expended as of	
		November 2020	Budget Remaining
E&G	\$230,150,139	\$141,268,899	\$87,893,349
Auxiliaries	\$218,491,679	\$214,682,083	\$3,710,949
Athletics	\$114,378,574	\$110,599,989	\$3,558,352
Utility / Infrastructure	\$102,235,077	\$80,510,541	\$18,165,897
<b>Total</b>	<b>\$665,255,469</b>	<b>\$547,061,511</b>	<b>\$113,328,548</b>

Summary of Active Capital Projects with more than \$1M Unspent Project Balance

Project	Functional Area	Overall Status	Project	Budget	Revenue	GO Bonds
			Budget	Remaining	Bonds	
Daniel Hall Renovation & Expansion	E&G	Pre-Construction	\$59,730,000	\$55,525,214		\$30,000,000
Electrical Distribution Upgrades and Replacements	Utility/Infrastructure	Under Construction	\$75,000,000	\$11,177,639		\$50,000,000
CU-ICAR GEC Propulsion Lab Upf	E&G	Pre-Construction	\$5,000,000	\$4,333,000		
Chapel Construction	E&G	Under Construction	\$5,000,000	\$2,520,579		
College of Business Building	E&G	Substantially Complete	\$87,500,000	\$2,399,975		\$82,500,000
Soccer Operations Complex Construction	Athletics	Substantially Complete	\$8,000,000	\$1,783,568	\$4,000,000	



## Planned Maintenance

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- Clemson's robust planned and preventative maintenance program enables it to responsibly maintain its physical assets.
  - Uses external inspections, data-driven evaluations, and comprehensive studies and assessments
  - System-by-system review of each building and enables a rigorous maintenance plan and allows the University to maximize existing assets
  - Ensures University and State assets are stewarded properly, which results in lower costs for students
  - In FY20, Clemson spent over \$60.0mm on E&G routine repair and maintenance, stewardship, and space renewal projects; Clemson's has averaged over \$41.0mm per year over the past 5 years on asset maintenance and renewal
  - Since 2011, Clemson has increased its preventative maintenance per square foot by more than 73.0%