

John Otto
Chairman



Sylvester Turner
Vice-Chair

**TEXAS HOUSE OF REPRESENTATIVES
COMMITTEE ON APPROPRIATIONS**

**AGENDA
SUBCOMMITTEE ON EDUCATION**

CHAIRMAN ASHBY

THURSDAY, FEBRUARY 19, 2015
7:30 AM
ROOM E1.030

I. CALL TO ORDER

II. CHAIRMAN'S OPENING REMARKS

III. GENERAL ACADEMIC INSTITUTIONS CONTINUED

TEXAS A&M UNIVERSITY SYSTEM, John Sharp, Chancellor

- Texas A&M University - Dr. Mark Hussey, Interim President
- Texas A&M University at Galveston - Rear Admiral Robert Smith, III, President and Chief Executive Officer, Superintendent - Texas Maritime Academy
- Prairie View A&M University - Dr. George Wright, President
- Tarleton State University - Dr. Dominic Dottavio, President
- Texas A&M University-Central Texas - Dr. Marc A. Nigliazzo, President
- Texas A&M University-Corpus Christi - Dr. Flavius Killebrew, President
- Texas A&M University-Kingsville - Dr. Steven Tallant, President
- Texas A&M University-San Antonio - Dr. Cynthia Teniente-Matson, President
- Texas A&M International University - Dr. Ray M. Keck, President
- West Texas A&M University - Dr. Patrick O'Brien, President
- Texas A&M University-Commerce - Dr. Dan Jones, President
- Texas A&M University-Texarkana - Dr. Emily Cutrer, President

IV. TEXAS A&M UNIVERSITY SYSTEM AGENCIES

- Demetrio Hernandez, Higher Education Team Manager - Legislative Budget Board

Dr. Bill Dugas, Acting Vice Chancellor and Acting Dean of Agriculture and Life Sciences

- Texas A&M AgriLife Research - Dr. Craig Nessler, Director
- Texas A&M AgriLife Extension Service - Dr. Douglas L. Steele, Director
- Texas A&M Forest Service - Mr. Tom Boggus, Director
- Texas A&M Veterinary Medical Diagnostic Laboratory - Dr. Bruce Akey, Director

Dr. M. Kathy Banks, Vice Chancellor of Engineering

- Texas A&M Engineering Experiment Station - Dr. M. Kathy Banks, Director
- Texas A&M Transportation Institute - Dr. Dennis Christiansen, Director
- Texas A&M Engineering Extension Service - Mr. Gary Sera, Director

V. PUBLIC TESTIMONY AND ADJOURNMENT

**House Appropriations Committee Testimony
Texas A&M University System Offices
February 19, 2015**

Role/Mission of the System:

The Texas A&M University System Office provides strategic leadership, centralized support services, and accountability to its 11 universities, health science center and 7 agencies that comprise the A&M System. In short, the System Office is responsible for finding ways to help its members function better and more efficiently in order to put more dollars back into our classrooms and laboratories.

We accomplish our mission with an annual System Office budget of \$37.4 million, with \$2.2 million from General Revenue, \$13.95 million from the AUF and the balance primarily from institutional assessments.

House Bill 1 eliminates the General Revenue for System Office Operations. We request that funding be restored to allow us to provide the same level of services to our System members.

Efficiencies:

Over the last three years, we have undertaken a complete review of administrative and operational processes and contracts in an effort to mitigate costs and improve operational efficiencies.

- System Office Operations Review: In October 2011, the A&M System Offices selected MGT of America to conduct a comprehensive review of the System Offices' organizational structure, management and business practices. Results:
 - From FY 2011 to FY 2015, operational costs within the System Offices decreased by 8% or \$3.3 million (\$40.7 million to \$37.4 million)
 - FTEs decreased by 14% or 42 FTEs (291.05 as of 8/31/11 to 249.4 as of 8/31/14) (this excludes OSRS and Technology Commercialization).
- Outsourcing: We outsourced building maintenance, custodial and landscape maintenance at all A&M System universities, and dining and athletic concessions were outsourced at Brazos County System entities. Results:
 - Cost savings, cost avoidance and capital investment of \$383 million.
 - Reduced the number of state employees just at Texas A&M by 1600.

- Administrative Review: In May 2014, the A&M System and PwC completed a Comprehensive Administrative Review of Texas A&M, including the HSC and Galveston, and the A&M System Agencies. Results:
 - Identified \$204 million in opportunities to increase efficiency and effectiveness, and to reallocate funds to the core missions of teaching, research and service over a 5 year period.
 - Phase II of the PwC review focused on our regional institutions and identifies an additional \$25.6 million in efficiencies.
- Facilities: We are diligently working to decrease the cost of capital projects and have been innovative in our approach to funding these critical needs. Results:
 - Reduced the assessments paid by our institutions for our Facilities, Construction and Planning division from 3.75 percent to 2.65 percent.
 - Privatized the construction of new student housing at Texas A&M University, Tarleton State University, Texas A&M at Galveston and Texas A&M – Corpus Christi which has enabled us to leverage \$242 million of construction with non state sources.
- Cisco: We recently entered into a five-year agreement with Cisco to provide IT with support services solutions for The Texas A&M University System.
 - Result: more than \$3.7 million in savings over the length of the contract and increased efficiency of the procurement office by managing one contract.
- All together, we have set in motion operational changes to save over \$700 million throughout the entire A&M System over 10 years. These funds are being reinvested in the areas of excellence, teaching and research. While we will continue to seek additional efficiencies, we have already reaped most of these types of savings.

Tuition and Fees:

Our Board of Regents has held the line on tuition and fee increases.

Average Annual Increase in Tuition and Mandatory Fees

	Pre Dereg 1993 to 2003	After Dereg 2003 to 2013	Most Recent	
			2006 to 2016	2011 to 2016
Statewide	9.5%	8.6%	n/a	n/a
A&M System	9.9%	8.3%	5.8%	4.1%
Texas A&M	13.3%	6.6%	3.4%	1.2%

- Beginning in the fall of 2014, tuition and fee rates are locked in for **all** incoming freshmen at all A&M institutions for 4 or 5 years, depending on their degree plan and major. This provides more transparency and better planning for parents and students.
- Tuition and fees at Texas A&M are 10th among public institutions for the current year according to data published by the CB.
- Seven of our regional universities are below the statewide average in total tuition and mandatory fees.

Results:

At the same time that we are saving money, becoming more efficient, and holding down tuition, we continue to enroll and graduate more students, and our research expenditures continue to grow.

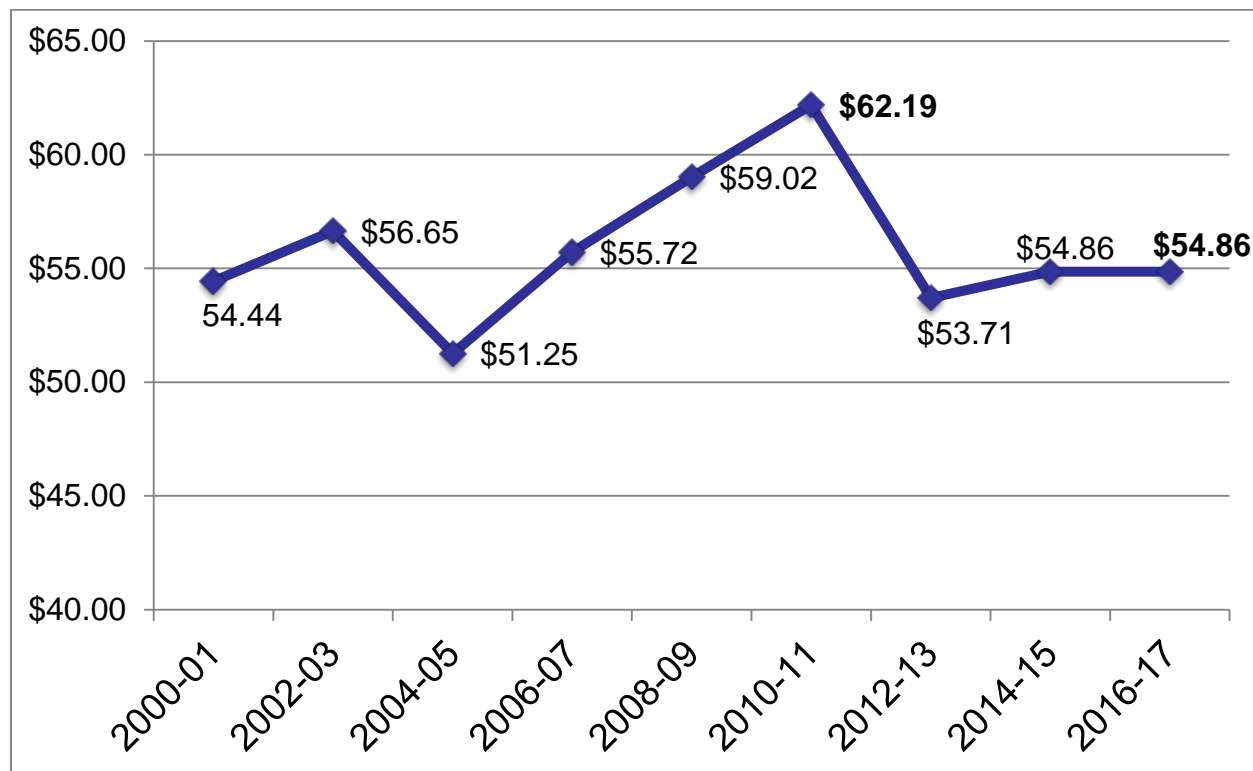
- The Texas A&M System student body continues to grow. We have grown by over 10 percent since we testified before you two years ago. That is twice the statewide growth of 5 percent.
- Institutions in the A&M System awarded just over 29,000 degrees in FY 2014, an increase of over 30 percent from 2006 while serving an increasingly diverse student population.
- We reported \$893 million to the Coordinating Board in 2014 in total research expenditures to help drive the state's economy.

Requests

Base/Formula Funding

TAMU System's highest priority is additional funding for the formulas. Formula funding is the primary funding source for our classrooms. Increases in the funding rates directly relieve pressure on tuition rates. We greatly appreciate the recommendation to recognize and fund enrollment growth in the formulas and ask the Legislature to fund additional growth we anticipate in the spring enrollment update. Additionally, we request that the formula rates be restored to the 2010-11 biennium's appropriated levels. See graph below.

General Academics: Instruction and Operations Rate per Weighted SCH



We also request increased support for other base funding streams, including support for research through the newly created Texas Research University Fund (TRUF), the successor fund to the Competitive Knowledge Fund (CKF), continuation of Institutional Enhancement, and support for the Higher Education Fund (HEF). Below is a list of our 6 universities that benefit from the HEF.

- Texas A&M University – Corpus Christi
- Texas A&M International University
- Texas A&M University – Kingsville
- Texas A&M University – Commerce
- Texas A&M University – Texarkana
- West Texas A&M University

Capital Projects

State support remains a critical component in funding severely needed capital projects to educate our rapidly growing student body and to conduct life-changing research. We have grown by more than 33,000 students, the equivalent of a large university, since fall 2006 and anticipate additional growth this spring.

We have carefully pared down the projects that we are bringing forward for consideration to include only our most critical needs that we do not have the resources to support. While these projects have been funded through tuition revenue bonds in the past, we are focused on our capital needs and defer to the will of the Legislature regarding method of finance.

Below is a listing of each institution's (or campus location's) top priority project.

Institution/Agency	Capital Project (top campus priority)	Requested Amount
Texas A&M University	BSL-3 Laboratory Facility	85,000,000
A&M @ Galveston	Expansion of Instructional Facilities, Infrastructure and Central Plant	92,000,000
Prairie View A&M	Fabrication Center & Capital Improvements	30,790,000
Tarleton State	Southwest Metroplex Building (Ft Worth)	55,000,000
	Applied Sciences Building 1 (Stephenville)	75,000,000
A&M Central Texas	Multi-Purpose Building III	40,000,000
A&M - Corpus Christi	Life Sciences Research & Engineering Building	120,000,000
A&M - Kingsville	Educational Complex	93,000,000
A&M San Antonio	Science and Technology Building	70,000,000
A&M International	Renovation of Library through Addn of Instructional & Support Spaces	69,000,000
West Texas	Agricultural Sciences Complex (Canyon)	43,000,000
	Amarillo Center	10,000,000
A&M - Commerce	Nursing and Health Sciences Building	54,000,000
A&M - Texarkana	Academic and Student Services Building	40,000,000
A&M HSC	Dallas Clinical Dentistry Education Facility	98,500,000
	Bryan Multidisciplinary Research and Education Facility	80,000,000
TEES/TTI	Center for Infrastructure Renewal (Joint w/ TTI)	65,000,000

Hazlewood Costs

We appreciate the relief provided by the 83rd Legislature for the Hazlewood program and the additional \$30 million provided in the base budgets; however, we request the legislature consider the entirety of the issue again as it continues to be a growing cost to our institutions, and ultimately, a cost transfer to our students and their families. The recent court ruling that effectively opens the Hazlewood benefit to all U.S. veterans further heightens the need to address the program costs.

From 2012 to 2014, the total cost to the A&M System institutions for the Hazlewood program increased from \$21.2 million to \$34.6 million, a \$13.4 million increase or 63 percent in just two years.

Agency Funding

Each of the seven Texas A&M University System agencies needs base funding support in the same manner as the formulas that provide basic, on-going support for the academics and health related institutions. While these agencies receive some support for their facilities through the general academic infrastructure funding formula, the base funding for operations is critical to providing knowledge and services to the citizens of Texas.

Our agencies serve a critical role in fulfilling our land grant mission. The research, application and service they perform affect average Texans in untold ways. Respectfully, we request that you restore funding that was reduced in the introduced budget. Most significantly, we request the \$4.5 million reduced from the Texas A&M Transportation Institute (TTI) be restored to allow the agency to continue as a resource for transportation decision makers. The agencies will also present requests to allow them to better serve the citizens of Texas in the arenas of public health, food production, public safety and workforce development.

Texas A&M Engineering Experiment Station (TEES) and TTI are seeking support for a research facility to replace three obsolete facilities. This new facility will allow them to conduct research to provide better materials for constructing our state's infrastructure – whether it be roads, buildings or other structures. These improved materials will save the state money by providing more cost efficient materials that last longer.

Student Financial Aid

We request increased support for student financial aid because it is vitally important for our students and families. However, since it is a method of paying for tuition and fees and does not increase much needed funding for the universities, we request increases to TEXAS Grants and other financial aid programs be made in conjunction with funding the formula costs of educating students.

Outcomes Based Funding

As we continue to seek opportunities for increased efficiencies and better results, our Board of Regents is actively exploring ways to incorporate performance and outcomes into our internal processes. We welcome dialogue on this issue during the legislative session.

Higher Education Group Health Insurance

TAMU System appreciates that the introduced budgets include money to cover cost increases. We would also request restoration of some increment of the lower funding level for our employees as compared to the employees in the state employees' ERS group insurance plan.

Selected Specific System Initiatives

Engineering Education: 25 by 25

Engineering and STEM education is important throughout the A&M System. The A&M System is working to address the critical and growing demand in Texas and the United States for engineers:

- The 25x25 initiative at Texas A&M University will increase access for qualified engineering students to an enrollment of 25,000 by 2025;
- The variety of programs we offer our partners throughout the state to improve P-16 STEM education; and
- The growth of our engineering programs at our regional institutions is focused on regional workforce needs.

We are requesting support for these efforts through our exceptional items for engineering program funding at five of our regional campuses to help meet the technical workforce needs in their respective regions. Additionally, we have requests to increase access to high quality STEM education for our public school children by working with education service districts, school districts and other local organizations to train teachers and provide best practices for math, science and engineering in the classroom.

Public Health: Healthy Texas Initiative

Our Healthy Texas Initiative brings together resources from across the Texas A&M System, including our Texas A&M Health Science Center, network of extension agents of Texas A&M AgriLife Extension, Texas A&M University–Corpus Christi, and the Texas A&M School of Architecture’s Colonias Program, to improve public health by reducing preventable diseases and their consequences. Our combined efforts will develop and deliver evidence-based education, monitoring and interventions that will prevent disease and improve public health in Texas. The initiative’s pilot program, known as “Healthy South Texas 2025,” marks an unprecedented effort to reduce preventable diseases and their consequences in South Texas by 25 percent by the year 2025.

Research: Leading the Nation on UAS Research

The Texas A&M System is poised to be the leader in the future of aviation – unmanned aircraft systems (UAS) through the new Lone Star UAS Center of Excellence and Aviation, led by Texas A&M–Corpus Christi and partner Texas A&M Engineering Experiment Station. This new center will facilitate research, development, testing and evaluation of UAS technologies for the Federal Aviation Administration in order to provide data for the safe integration of UAS into the national airspace.

Texas A&M University
House Appropriations Committee on HB 1

Since 1876, Texas A&M is deeply committed to the land-grant mission to provide access to students, generate meaningful research and take these discoveries to the people. Texas A&M perennially ranks in the top 5, this year 4th and 1st in Texas, in *Washington Monthly's* national rankings for universities "contribution to the public good."

Texas A&M University holds itself to the land-grant ideal to provide educational opportunities for all members of society.

- Among the top 5 in the United States and largest enrollment in Texas; almost 57,000 students.
- Increased the number of instructional faculty by an amount equivalent to student growth; (18%) since 2003 and kept the student-to-faculty ratio essentially constant.
- Increased degrees awarded 20% since 2003—nearly 13,000 degrees awarded in 2014.
- The entering freshmen class in 2014 was approximately 25% Hispanic.
- Currently ranked 3rd among national peers in enrollment of underrepresented minority students.
- Undergraduate African American and Hispanic enrollment has increased to 23.1% of undergraduates from 11.4% in 2002.
- Approximately 25% of entering Texas A&M undergraduates are the first in their family to attend college—one of the highest rates in the nation.

Texas A&M commits to student success—retention, degree completion, affordability and job attainment.

- Freshman retention rate is 92% and near the top 10 nationally among peers.
- The six-year graduation rate is among the highest of national peers and ranks 1st in the state.
- Currently, ranked 10th among all Texas public universities in tuition and fees costs.
- More than 4,000 employers, including 85% of Fortune 100 companies come to campus to recruit Aggies.
- Career Center was responsible for facilitating over 41,000 students to attend 175 outreach events. These activities culminated in 17,000 on-campus interviews and an 80% success in job offers or advanced education (such as graduate school).
- *Payscale's* return-on-investment survey found that Texas A&M leads the state among public universities, is among the top 10 public universities nationally and ranks 4th nationally among comprehensive research public universities with respect to return-on-investment.

Texas A&M commits to the land-grant ideal to support national defense through military training and preparation.

- One of only six federally designated Senior Military Colleges other than the U.S. Service Academies.
- Produces more officers at a university outside U.S. Service Academies.
- As the armed services are downsizing, the military branches are asking Texas A&M to produce more officers. A recent independent survey ranked Texas A&M 3rd only to West Point and the Naval Academy as the nation's best military institutions.

Texas A&M recommits to the land-grant ideal to take scientific discovery to the people.

- Texas A&M faculty conduct cutting-edge research just like other major research universities; however, owing to its land-grant heritage, A&M faculty seek to apply basic science research to solve real world problems.
- For example, in just ONE academic department, Texas A&M bioengineering faculty and students are:

Texas A&M University
House Appropriations Committee on HB 1

- Collaborating with the private sector to go beyond the lab and apply knowledge in lasers and imaging by creating technology that allows surgeons to pinpoint and treat with high precision brain lesions that cause epilepsy.
- Advancing magnetic resonance imaging (MRI) technology so that it can be used as a tool for determining the comparative effectiveness of breast cancer treatments.
- Developed technology capable of sampling water systems to find indicators of contamination that are millionths of times smaller than those found in conventional methods.
- Developed and are using special plastics to treat potentially fatal brain aneurysms.
- These are but a few examples among many that demonstrate how Texas A&M is taking the support you have provided such as in the Competitive Knowledge Fund and moving basic science discoveries from the lab to enhance Texans' daily lives.

Texas A&M fulfills the Texas Constitution's designation of a university of the "first-class."

- As one of the state's constitutionally designated universities, it is a THECB designated public research, and public Association of American Universities institution with University of Texas at Austin (UT-Austin). Both Texas A&M and UT-Austin add unique value to the state through their singular research power, both directly and indirectly.
- Texas A&M generates over \$820 million in total R&D according to the latest National Science Foundation (NSF) research expenditure report.
- Research discoveries provide economic benefit to the state.

Texas A&M commits to excellent faculty as demonstrated through its colleges.

- The College of Agriculture and Life Sciences recently ranked 5th in the world for agriculture and forestry. The faculty in the College are ranked 1st in the nation in agriculture and natural resources research expenditures according to the NSF. The Biological and Agricultural Engineering Department is ranked 3rd in the nation and the Agricultural Education Program is ranked 2nd.
- The Dwight Look College of Engineering is highly ranked and one of the largest engineering degree-granting colleges in the nation. The undergraduate program is ranked 8th among national public institutions and 7th in graduate programs according to *US News & World Report*. The faculty boasts National Academy of Engineering and Science members as well as over 67 National Science Foundation CAREER award winners—the highest award for emerging research faculty and an indicator of their future success.
- The Mays Business School is ranked among the top 10 for both its undergraduate and MBA programs, one of only six public universities to receive this distinction. Executive MBA Program is among the best in the world and nationally tops in return-on-investment by the *Wall Street Journal*.
- Bottom line: Texas A&M University is maximizing state resources with high quality faculty that produce. Texas A&M can do more, with more.

Texas A&M commits to and has created a culture of efficiency.

- A 2014 study by PricewaterhouseCoopers (PwC) found that Texas A&M has, *quote*: "constrained costs more effectively than many of their national peer institutions. Comparisons of expenses for academic administration, student services and institutional support indicate TAMU is at or below average."
- Texas A&M has maintained the lowest administrative-cost ratio in the state for many years.
- Efficiency in and of itself is not enough; a culture of efficiency needs to lead to further examination of how to redirect resources into core academic functions, and that is what the University is doing.

Texas A&M University
House Appropriations Committee on HB 1

Formula Funding

Texas A&M requested in its Legislative Appropriations Request that the state fund the additional students who have enrolled since the FY 2014-2015 appropriations first, then increase the formula rates as possible. HB 1 does fund growth in the state. This action is greatly appreciated. Although the 83rd Legislature helped address the previous session's cuts, the formula rates per semester credit hour have not kept pace. For FY 2014-15, the instruction and operations rate is \$54.86. In 2010-11 the rate was \$62.19. Texas A&M relies heavily on formula funds to educate its large and growing student enrollments; over 70% of general revenue appropriations to Texas A&M are in the instruction and operations, and infrastructure support formulas. As stated in previous requests to the legislature, Texas A&M has exercised spending discipline across all functional areas in order to direct those funds to preserve and improve teaching, support student academic and career success, pursue external funding and conduct priority research. What is clear is that other than tuition and fees, which have been held to minimal increases, the primary source of support for the most important functions, teaching and supporting student success, is state formula dollars. External funds, whether competitive research or philanthropic, are simply not found for this most fundamental of all purposes.

Texas Research University Fund

Texas A&M also requests that the newly created Texas Research University Fund (TRUF), the successor fund to the Competitive Knowledge Fund (CKF), in HB 1 be restored to the original CKF rate of \$1 million for every \$10 million in total research expenditures; and preferably increase the \$1 million rate. As the state turns to research universities to create new discoveries that generate economic growth, a key component to achievement of that goal is the CKF and now the TRUF. This performance-based incentive allows research universities like Texas A&M and UT-Austin to compete nationally in recruiting and retaining the highest-performing faculty for our students. With the integration of the Texas A&M Health Science Center (HSC) and UT-Austin's creation of a new medical school, it is imperative that the state's two public research universities have the necessary support to enhance the state's biomedical infrastructure and economy. This fund also enriches the learning environment for students. Texas A&M requests that the legislature consider increasing the rate and continue to work with research universities through this funding mechanism to further teaching and nationally competitive research excellence.

Capital Construction

Biosafety Laboratory Level 3 Facility (BSL-3) (\$95M project cost/\$85M request). The BSL-3 for large animals continues to be a critically important priority. For over a century, Texas A&M has been a leader in animal related research. With international expertise in animal science and veterinary medicine, Texas A&M hosts the Institute for Infectious Animal Diseases, a U.S. Department of Homeland Security Center of Excellence for Zoonotic Diseases since 2004. This facility complements a growing animal-human research campus complex with investments already made in an upcoming \$120 million veterinary school enhancement, a new Texas A&M Veterinary Medical Diagnostic Laboratory facility, a national center for therapeutic manufacturing facility and a federal Health and Human Services sponsored center for advanced development and manufacturing of vaccines. As a human public health concern, over the last decade nearly 75% of emerging infectious diseases are zoonotic (transmissible between humans and animals) and 60% of all human pathogens are zoonotic. There are currently no large animal BSL-3 facilities in Texas that can be used to study the infectious agents in large animals. This facility better positions Texas A&M and other Texas university researchers in a competitive federal research environment.

Hazlewood

Texas A&M is perennially ranked as a veteran friendly and veteran destination university. As a Senior Military College, the university takes great pride in its service to the nation. However, the costs associated with the Hazlewood program, specifically the legacy component, have grown from \$420,000 a decade ago to over \$15 million in 2014. Any assistance with these costs will be appreciated.

Texas A&M is among the nation's top universities in the production of high quality graduates and research. It is a favorite of employers and the military services.
For students, it provides an investment through low tuition and fees. This is accomplished within a culture of efficiency.
Texas A&M can improve and do more if entrusted with greater support.

Texas A&M University at Galveston

Texas A&M's Ocean and Maritime Oriented Branch Campus

Presentation before the House Appropriation Committee

February 10, 2015

Presented by

Rear Admiral Robert Smith III, CEO

70% of the earth's surface is covered by water
90% of world trade is water borne
80% of the world's population live near the water
60% of the world's food supply comes from the sea

**Texas A&M University's Galveston Campus
is about everything that is
in, under and near the sea.**

**In FY2015 more than 2300 students share the desire to work and study amid an
ocean environment.**

Texas A&M University Galveston

- **Legislatively designated** as a special purpose university concentrating on research, service and education on our coasts seas and oceans
- Unique 360 degree view of the ocean in all degree programs – undergraduate, master's and doctoral
- Home of the Texas A&M University Maritime Academy, the only one on the Gulf and one of only six in the U.S.
- Training Ship, the General Rudder, prepares TAMUG midshipmen for service as a merchant mariners
- Waterfront Operations include a fleet of floating classrooms and labs with direct access to the ocean and Galveston Bay

Huge Economic Driver Boosts Demand for Jobs

- **Port of Houston**
 - \$178.5B Statewide economic impact
 - 25 mile port - 52 mile channel
 - Serves more than 8,000 ships and 200,000 barge calls annually
 - #1 in U.S. for foreign waterborne tonnage
 - #2 in U.S. for total tonnage
 - Provides more than 1M jobs
 - Grosses more than \$4.5M in state & local tax revenues

TAMUG Graduates help fill this Demand

- **Fall 2014 record enrollment of more than 2300 Students moving us closer to toward our target of 3000**
- **90% of TAMUG graduates have jobs or have enrolled in graduate study within 90 days of graduation**
 - **Engineering graduates on average earn \$75,000**
 - **Naval officer graduates on average earn \$70,000**
 - **Business graduates on average earn \$55,000**
- **Texas A&M Maritime Academy graduates serve as officers in the Navy and Merchant Marine, or as Captains, engineers or leaders in the maritime industry**
 - **Merchant Marine officer graduates earn up to \$350,000**
 - **Hapag-Lloyd**
 - **Chevron and Exxon Tanker Fleet**
 - **Maersk**

TAMUG's History of Efficiency

- **Shared Services** has allowed TAMUG to benefit from use of expert services while foregoing what would be a huge cost if contracted for as a separate entity.
 - Shared access to TAMU's electronic library stacks
 - Shared systems with TAMU: course management, student information, parking & imaging
 - Financial services agreement with TAMU provides a cost effective means for processing daily financial transactions
 - Shared software with TAMU: TouchNet e-commerce and AggieBuy procurement software
 - Interagency agreement with the UTMB provides student health services to TAMUG eliminating cost of building a health center on campus
- **Other Measures**
 - Eliminated 4 Executive Level positions to create more efficient organizational structure
 - Streamlined Waterfront Operations

Continuing Efficiency Measures

- During FY2013 TAMUG outsourced maintenance, custodial, grounds and dining services eliminating approximately 85 positions with an estimated 1st year savings of \$200K
 - Additional Efficiencies from outsourcing
 - Reduced load on Human Resources
 - Reduced load on accounts payable audits, contract reviews, payroll review and disbursement, year-end entries and adjustments
- Currently reviewing ways to decrease administrative/clerical support FTE and utilize savings to support our core mission
- Currently reviewing how we might centralize academic advising services and departmental business services

TAMUG Legislative Requests

- **System-Wide Funding Issues:**
 - Increase in formula
 - Continuation of Institutional Enhancement Funds
 - Consideration of Hazelwood Exemption Costs
- **TAMUG Specific Requests:**
 - Capital Need – Expansion of Instructional Facilities, Infrastructure and Central Plant
 - Total Project - \$134M
 - Amount Requested - \$92M
 - Annual Debt Service - \$8M
 - New Special Line Item – Coastal Viability and Protection
 - Amount Requested - \$1M/year of Biennium



House Appropriations Committee

84th Texas Legislative Session

George C. Wright, President

About PVAMU

Prairie View A&M University is an institution steeped in tradition with a firm grasp of the future. With an established reputation for producing engineers, agriculturalists, corporate leaders, nurses and educators, PVAMU celebrates alumni who have left both national and global footprints in their respective fields.

Its close proximity to Houston, coupled with its quiet rural location, make PVAMU an ideal place to study, learn and explore. The university's dedication to excellence extends past its majestic campus into the Greater Houston area. The nationally recognized *College of Nursing* resides in the world- renowned Texas Medical Center, where students learn the latest nursing procedures. In Northwest Houston, students enjoy the convenience of programmatic offerings in business, education, nursing and community development at the university's *Northwest Houston Center*.

Rooted deep within the heart of PVAMU is the mission of providing access to a quality educational experience for students who, upon completion of bachelors, masters, or doctorate degrees, possess self-sufficiency and professional competence. The experience is imbued by the institution's values including, but not limited to, access and quality, accountability, diversity, leadership, relevance, and social responsibility.

As President George C. Wright completes his eleventh year, he continues to be committed to ensuring that students not only leave Prairie View with a degree, but also a well-rounded education.

Institutional Profile

Economic conditions have led to smaller state appropriations, while educational institutions are charged with providing education to a record number of students. PVAMU has experienced enrollment fluctuations since fall 2003, which includes recording enrollment highs in Hispanic, Asian and International students. As our institution continues to grow, our highest priority is to ensure sufficient resources to maintain the quality and integrity of educational programs.

ENROLLMENT BY ETHNICITY

Ethnicity	Fall 2014	% Fall 2014
Black/Non-Hispanic	6958	83.40%
White/Non-Hispanic	267	3.20%
Hispanic	420	5.03%
Asian	234	2.80%
American Indian/Alaskan Native	33	0.40%
Hawaiian/Pacific Islander	6	0.07%
Multi-Racial	144	2.84%
International	237	1.73%
Not Reported	44	0.53%
Total	8,343	100%

ENROLLMENT BY CLASSIFICATION

Freshman	2,355	28%
Sophomore	1,264	15%
Junior	1,304	16%
Senior	1,967	24%
Post Baccalaureate	42	-
Master	1,265	15%
Doctoral	146	2%
TOTAL ENROLLMENT	8,343	100%



ENROLLMENT BY SPECIAL POPULATIONS

	Fall 2014	% Enrollment
Veterans	146	2%
Hazelwood Benefit	370	4%
STEM majors	2,055	25%
Transfer	476	6%
Undocumented	297	4%

ENROLLMENT BY GENDER

	Fall 2014	% Fall 2014
Male	3,232	39%
Female	5,111	61%

ENROLLMENT BY TIME STATUS

	Fall 2014	% Fall 2014
Full-Time	6819	82%
Part-Time	1524	18%



DEGREES AWARDED

Total Degrees Awarded (since inception)	61,521
Bachelors	40,497
Masters	20,929
PhD	95

	FY 2014
FTSE	7,105
Degrees Awarded	1,484
Graduates per 100 FTSE headcount	20.89

AREAS OF STUDY WITH THE LARGEST NUMBER OF BACHELOR'S DEGREES AWARDED IN 2013-14

Registered Nursing/Registered Nurse	19%
Psychology, General	7%
Criminal Justice/Safety Studies	6%
Multi-/Interdisciplinary Studies (Education)	6%
Engineering	12%



**PRAIRIE VIEW
A&M UNIVERSITY**

Academic Profile

UNIVERSITY ACCREDITATION

- Southern Association of Colleges and Schools Commission on Colleges, Inc. (SACSCOC)



SPECIALIZED ACCREDITATIONS

- Commission on Accreditation of Dietetics Education (ADA)
- National Architectural Accreditation Board (NAAB)
- American Chemical Society (ACS)
- Division of Standards and Accreditation Council on Social Work Education
- Association to Advance Collegiate Schools of Business International (AACSB)
- National Council for Accreditation of Teacher Education (NCATE)
- State Board for Educator Certification (SBEC)
- Accreditation Board for Engineering and Technology (ABET)
- National League for Nursing Accrediting Commission (NLNAC)
- Council on Collegiate Nursing Education (CCNE)
- Board of Nurse Examiners for the State of Texas (BNE)



MEASURES OF SUCCESS

- Ranked #1 amongst HBCUs for average starting salaries - \$49,300
- Ranked #4 amongst Texas schools considered “Best Investment”
- Ranked #1 nationally for UG degrees awarded to African Americans in Architecture and related fields (2013)
- Ranked #4 nationally for UG degrees awarded to African Americans in Engineering and related fields (2013)
- Ranked #1 nationally for GR degrees awarded to African Americans in Architecture and related fields (2013)

UNIVERSITY COLLEGE

Committed to providing an academically focused, student-centered, supportive, structured living-learning environment for all incoming freshman students.

CENTER FOR THE OVERSIGHT AND MANAGEMENT OF PERSONALIZED ACADEMIC STUDENT SUCCESS(COMPASS)



Designed to help Prairie View students in their second year and beyond navigate towards graduation through academic advisement and counseling as well as academic and life enhancing workshops

THE HONORS PROGRAM

Exposes high-achieving students to an interdisciplinary academic course of study that concentrates on the development of intellectual curiosity.

UNDERGRADUATE MEDICAL ACADEMY (UMA)

Established in 2004, the UMA prepares students for medical school through an enriched curriculum and opportunities for research with basic scientists and clinical faculty at medical schools throughout Texas.

EXPANDING GRADUATE OPPORTUNITIES

Focus has been placed on this critical area as new strategies are in place to expand academic programs and increase the number of research opportunities.



UNIVERSITY EFFICIENCIES

OPERATIONAL EFFICIENCIES

Outsourced the following auxiliary services and facilities:

- Dining Services
- Housing
- Information Technology
- University Bookstore
- Physical Plant
 - Southeast Service Corporation (SSC)
 - Custodial Services
 - Maintenance
 - Grounds Maintenance

ADMINISTRATIVE EFFICIENCIES

- Shared Sponsored Research Services
- PricewaterhouseCoopers Administrative Review
 - Reduce Administrative Expense
 - Increase Funding to Core Mission (Teaching, Research, Service)

TUITION POLICY

Effective with Fall 2014 semester, Prairie View A&M University implemented a new guaranteed tuition plan for all students. The guaranteed tuition plan provides a 5 year guaranteed tuition rate for undergraduate students and a 4 year guaranteed tuition rate for graduate students. The guaranteed plan provides PVAMU students and their families the opportunity to lock in rates, assists them with budgeting for college expenses and encourages timely graduation.



PRAIRIE VIEW
A&M UNIVERSITY

Capital Projects Requests

Fabrication Center and Capital Improvements - \$35M

Fabrication Center (\$15M)

- New Construction in the School of Architecture for students to build models and train skilled workers

Capital Improvements to include:

- Infrastructure restoration and expansion
- Modernization of five facilities
- Energy conservation improvement efforts
- Upgrade accessibility requirements of facilities (\$4.4M)
- Emergency response coordination center (\$3M)
 - Institution will identify \$5M from alternative sources, if funded

Innovation Commercialization Center for Entrepreneurs (ICCE) - \$20M

New Construction for PVAMU faculty, staff, & students to spur on commercialization of research developed at PVAMU

- Create quality research labs
- Create meaningful and practical learning opportunities for students
- Increase research production
- Increase research/innovation space
- Produce an entrepreneurial landscape in support of the Chancellor's Research Initiative
 - Institution will identify \$10M from alternative sources, if funded



PRAIRIE VIEW
A&M UNIVERSITY

Exceptional Item Requests

Agriculture Match - \$13.6M

New Strategic Initiatives

- Fighting Childhood Obesity with Functional Foods
- Financial Literacy
- Reducing Bullying and Violence
- Total You Wellness Program
- Water Security Research
- Elevating Goat Research in Texas

Prior Accomplishments

- PVAMU receives the largest federal appropriation among the 1890 institutions to support the farmers and citizens of Texas
- Aided 37,774 youth and adults adopt healthy lifestyles
- 25 New Certified BID business owners (16 became HUB Certified)
- Research discoveries in the animal systems, food and nutrition systems, and plant and environmental systems

Academic Development Initiative (ADI) - \$4.7M

New Strategic Initiatives

- Continued support for the proven academic programs such as ACCESS, University College, Undergraduate Medical Academy; proven graduate and research programs
- Initiatives to target enrollment growth
- Increasing the college going rates and decreasing the time to completion rates

Prior Accomplishments

- Academic Successful Programs
- ACCESS (higher graduation rate of 53% than general student body)
- University College (Improved freshman retention rate from an average 61% in the 1990s to 69% in 2000s)
- Undergraduate Medical Academy (95% placement rate)
- Proven Graduate programs (21,400 Master's & 118 PhDs awarded)
- Initiatives to Target Enrollment Growth (top 25%, transfers, Hispanic students)



TARLETON
STATE UNIVERSITY

Member of The Texas A&M University System

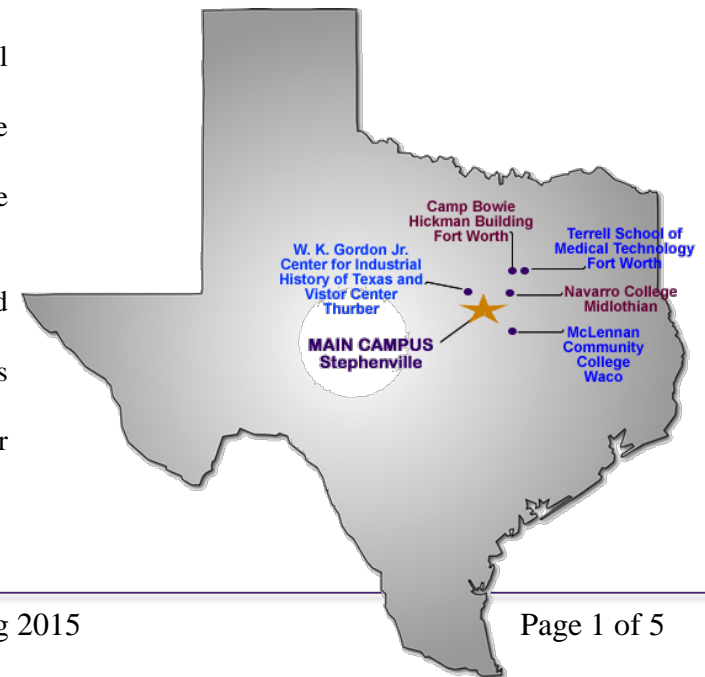
HOUSE APPROPRIATIONS COMMITTEE HEARING

84TH LEGISLATIVE SESSION

INTRODUCTION & FAST FACTS

Tarleton locations are in some of the most populous and fastest growing regions in Texas. Main Campus – Stephenville

- Terrell School of Clinical Laboratory Science – Fort Worth
 - Camp Bowie Hickman Building – Fort Worth
 - Multi-Institutional Teaching Center - Midlothian
 - McLennan Community College - Waco
 - Weatherford College - Weatherford
 - W.K. Gordon Center for Industrial History of Texas - Thurber
-
- Founded 1899 and joined The Texas A&M University System in 1917.
 - In fall 2014, Tarleton served 11,681 students from 224 Texas counties, 48 states, and 26 countries.
 - Tarleton offers over 97 degree programs and specializations, ranging from associates to doctoral degrees.
 - Additionally, 38 on-line degree completion, certifications or completely on-line programs are available to students.
 - The University employs approximately 1,100 faculty and staff and 1,500 students, making it the largest employer in the region.
 - Faculty to Student Ratio – 20:1
 - Since 2005, African America enrollment increased 203.4% and Hispanic enrollment increased 202.6%
 - 61.8% of Tarleton students receive some form of financial aid assistance and over 60% of graduates are first generation.
 - The number of Hazlewood Veterans and Legacies have increased 80.3% since 2010 accounting for a projected exemption cost of \$3M in 2014.

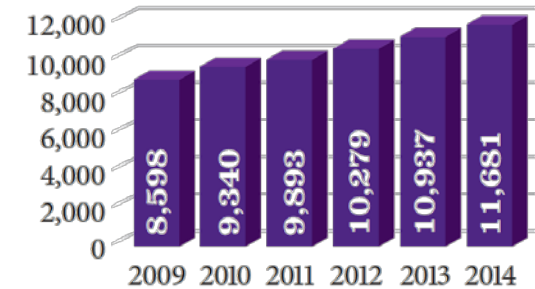


EFFECTIVENESS & EFFICIENCY

- Growth:
 - Tarleton State University is the second fastest growing university in Texas over 10,000 students.
 - Fall 2014 freshman class increased 13.5% over fall 2013. (69% since 2009)
 - Accepted applications for 2014 were up 25% from 2013, even after increased admission standards.
 - In 2014, overall growth was 6.8%. (36% since 2009)
 - Outreach Center Growth – 10%-20% annually.
- Graduation & Retention Rates:
 - Six-Year Graduation Rates – 44.7% (Up 6.6% since 2010)
 - Fall 2014 Retention Rate – 68.8%
 - (Increasing 1% annually) (2020 Goal – 75%) (State peer group – 66.25%)
- Partnerships:
 - Legislative Capital Request Matching Funds - \$54 Million
 - Top Academic Partners:
 - Tarrant County College, Weatherford College, Hill College, McLennan Community College, Navarro College
 - Seamless Articulation, Financial Aid Consortium, Shared Library Resources, Reverse Transfer
 - P3 Housing Partnerships:
 - First in TAMUS to take advantage of partnership. Five projects completed or planned.
 - Stadium Renovation – Corporate partnership renovation project.
- Business Practices:
 - FY2014 administrative costs are 7.4% of university's total expenses. Ranked 8th state-wide.
 - Space Utilization (SUE) Score increase of 36% over 2013.
 - Annual HUB expenditure increase of 10% over 2013.

5-YEAR ENROLLMENT GROWTH

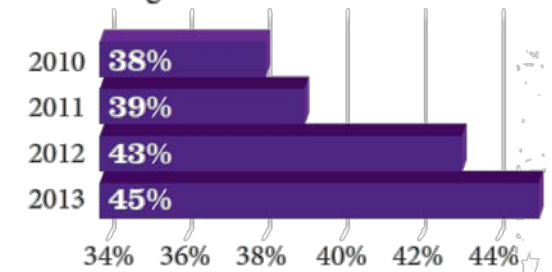
36% Growth since 2009



GRADUATION RATES (6 Years)

2015 Target **41%**

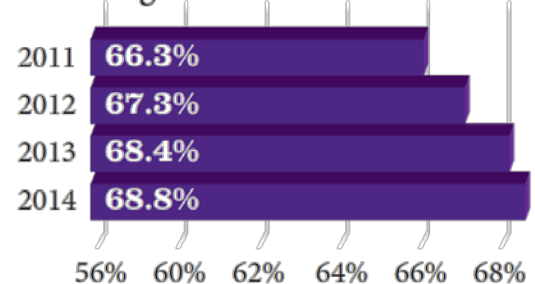
2020 Target **45%**



RETENTION RATE PROGRESSION

2015 Target **68.5%**

2020 Target **75%**



STUDENT FOCUSED

What Does It Mean To Be Student-Focused?

- Tarleton State University has a long tradition of selfless dedication by our faculty and staff. So much so that many refer to the Tarleton Family because of the efforts of employees. The university's last strategic planning cycle provided strategic goals, a vision and core values that serve as testament to our devotion to students. Since that time Tarleton State University has markedly increased focus on our students and their success.
 - Vision:
 - Tarleton will be the premier student-focused university in Texas and beyond.
 - Strategic Goals:
 - Academic Innovation, Student Transformation, Distinctive Engagement, Exemplary Service
 - Core Values:
 - Tradition, Integrity, Civility, Leadership, Excellence, Service



Examples of Student Focused Activities:

- **Intern-2-Learn Program** – On and off-campus employment with a progressive focus on students' area of study.
- **Applied Learning Experience (ALE) Requirement** – Students are required to have three learning experiences that enhance employability.
 - Experience Categories: Internship/Practicum, Study Abroad/Away, Leadership Role, Undergraduate Research, Service Learning
- **Student-Focused Facilities:**
 - Construction of Texan Services. An academic One-Stop-Shop.
 - OA Grant Humanities Building & Dick Smith Library Renovations – Two renovations specifically designed with student success in mind.
 - New Student Housing – Residence Halls focused on Academic Living & Learning Communities.
- **Annual Course Redesign Cohorts** – Faculty partnering to recreate courses to increase student success.
- **Faculty Enhancement** – Faculty Fellow Program, Center for Instructional Innovation, Strategic placement of high performing faculty.
- **Expanded Academic Support** – Aggressive advising, Peer to Peer and Mentor to Peer Tutoring, Early Alert Program
- **Transition & First Year Experience Programming** - Reshaping Orientation and Freshmen Camp, Fall Transition Week, First-year Experience Redesign

FUNDING REQUESTS

Tarleton State University & Texas A&M University System Priority Requests: Formula Funding Enhancement & Hazlewood Funding Assistance

CAPITAL FUNDING REQUESTS

Southwest Metroplex Campus Building: Capital funding is requested to construct a first Tarleton Fort Worth Campus Building.

Total Project Cost: \$99.6M

Requested Capital Funds: \$55M for 125K GSF (Annual Debt Service: \$4,795,151 – 20yrs @ 6%)

- Need:
 - Tarleton is the only public baccalaureate university in Fort Worth.
 - Service population is primarily place-bound, nontraditional and female.
 - Annual enrollment growth of 10%-20%.
 - All current facilities are leased space, with office/business configurations.
 - The southwest metroplex is one of the fastest developing regions in Texas.
- Current Programs:
 - Upper-level courses only. Lower level provided by multiple community college partners.
 - Tarleton is home to Texas' largest and most prestigious medical laboratory sciences program;
 - 48 doctoral, masters, undergraduate and certification programs in partnership with multiple community colleges.
 - Fort Worth Campus provides affordable degree options for working adults and community college transfer students.
- Leveraged Investments and Partnerships:
 - Gift of 80 acres of land valued at over \$3.6 million;
 - Infrastructure provided through collaboration by developers, city and agencies along the new Chisholm Trail Parkway in the form of streets/utilities (\$26M) and a tollway interchange (\$15M).

Applied Sciences Building 1: Capital funding is requested for a 1st phase building to house agricultural & engineering programs at the Stephenville Campus.

Total Project Cost: \$85.6M

Requested Capital Funds: \$75M for 170K GSF – 105K NASF (Annual Debt Service: \$6,538,842 – 20yrs @ 6%)

- Need:
 - Growth and infrastructure due to rapid growth:
 - Agriculture and Engineering are currently in 9 different buildings across campus.
 - Replacement of antiquated space scheduled for demolition:
 - Project will allow for the demolition of antiquated structures (125K sqft.)
 - Buildings being replaced include those over 80 years old.
 - Need for capitalization:
 - Tarleton is one of the most affordable public universities in Texas and one of the fastest growing.
 - No legislative infrastructure assistance since 2006 (pre-growth).
- Current Programs:
 - Consolidation of facilities for agriculture and assist with state STEM goals by establishing a college of engineering by 2020.
- Leveraged Investments and Partnerships:
 - Life safety infrastructure and use of owned land;
 - TxDOT will straighten an S-curve on Hwy 377 and partner with the City of Stephenville to update and reroute utilities, accounting for \$2.1M in costs along with an additional \$1.5M for building demolition;
 - \$7M for portions of street upgrades and parking construction

EXCEPTIONAL ITEM REQUESTS

Center for Anti-Fraud, Waste and Abuse Research: The Texas Data Mining Research Institute at Tarleton State University will create the Center for Anti-Fraud, Waste and Abuse Research (CAFWAR).

Biennial Amount: \$3,000,000

- Need:
 - Waste, fraud, and abuse is estimated to be greater than 10% in some governmental programs, and cost taxpayers billions of dollars annually.
 - The Center would be the only one of its kind in the nation and has the potential to save the State of Texas billions of dollars.
 - Expand advanced analytics applications and data mining to include projects from:
 - SNAPS and Child Nutrition; Medicare; Medicaid; Property and Casualty Insurance (e.g., hail damage from remote sensing, storm verification from weather data).
 - Funding to Support:
 - Research Faculty, Graduate Assistantships, 512 Tb research supercomputer.
- Current Programs:
 - Center for Agribusiness Excellence - Applied research used to improve governmental programs by eliminating fraud, waste, and abuse.
 - The Center currently saves taxpayers over \$100 million annually and has the expertise and experience for application in other areas of waste fraud and abuse.
- Leveraged Investments and Partnerships:
 - Strong support from Texas Department of Agriculture.
 - Center for Agribusiness Excellence personnel and supercomputing.
 - Supporting academic programs at Tarleton include an MS in mathematics, concentration in data mining research and experienced Research Faculty, Graduate Student Research, Research Graduate Assistants, and Research Interns.
 - Center for Agribusiness Excellence to provide matching infrastructure at a rate of \$14M.

Texas Groundwater Information Clearinghouse: The project will establish a comprehensive online information clearinghouse database of ground and surface water, providing Texas with early detection capabilities in the event of a water quality issue, allowing the contamination source to be identified and the issue resolved quickly.

Biennial Amount: \$5,000,000

- Need:
 - Water is the most important natural resource issue facing Texas and the nation in the near future.
 - No state-wide water quality “data hub” currently in place.
 - Water quality vs. quantity:
 - Non-uniform water quality data collected by many organizations and agencies;
 - Incomplete water quality data; and
 - Data are dispersed and in formats that are not easily accessible or interpreted.
- Current Programs/Leveraged Investments and Partnerships:
 - Strong support from Texas Department of Agriculture.
 - The Texas Institute for Applied Environmental Research (TIAER)
 - Center for Agribusiness Excellence (CAE)
 - Recognized for expertise in water quality management, information technology, stakeholder facilitation, and statistical and data mining expertise.
 - TIAER will provide support staff, IT support and student assistance.
- Program Goals:
 - Requested funding will support:
 - Student and faculty research - 32 graduate and student researches, and 10 faculty over two years;
 - Engagement of data stakeholders for buy-in and data sharing;
 - Address emerging environmental issues;
 - Research current existing data and collect baseline data from the following agencies:
 - Local, district, regional, state and national water agencies, including Texas groundwater districts, Texas Water Development Board, Texas Railroad Commission, Texas Commission on Environmental Quality, Texas Soil and Water Conservation Board, state river authorities, and municipal water boards.
 - Develop a web-based water quality clearinghouse and communicate findings



House Appropriations Committee Hearing
February 19, 2015



A&M Central Texas became a stand-alone university in May 2009, committed to its strategic role as an upper-level university.

- **It operates in close partnership with its regional school districts and two year colleges to avoid the duplication of cost and effort, and it assures residents of its service region that coordinated associate, baccalaureate, and even advanced degrees are both accessible and attainable:**
 - a) *In reasonable proximity to their homes;*
 - b) *In an instructional mode most suitable to the individual student;*
 - c) *At a cost that will not require students or their families to take on the burden of extraordinary debt.*
- **It serves an area of rapid growth, extending from Bell and surrounding smaller counties into Williamson County.**
- **It is now a full partner with Temple College and TSTC-Waco in the development of the East Williamson County Higher Education Center located in Hutto.**
- **It serves one of the world's largest military installations at Fort Hood, with more than 45% of its student body military affiliated.**
- **It has grown its headcount enrollment by 36% (to 2,570) and its FTE by 79% (to 1,460) since FY08, its last fiscal year as a System Center under Tarleton State University (FA08 to SP15).**



A&M Central Texas is the most broadly diverse university in The Texas A&M University System.

42%	• <i>White</i>
27.5%	• <i>Black</i>
21%	• <i>Hispanic</i>
9.5%	• <i>Asian/Pacific Islander, Native American, and Other</i>
34	• <i>Average Age</i>
38%/62%	• <i>Male/Female</i>
65%	• <i>First in family to attend college</i>

- **It has produced more than 3,700 graduates** *with baccalaureate and master's degrees in less than 6 years of existence, for an annual graduation rate of 41/100 FTE.*
- **The equivalent of approximately 30% of each Fall Semesters enrolled students complete a degree by the end of an academic year,** *an admirable accomplishment but also a challenge to enrollment growth.*



A&M Central Texas has aggressively pursued operational efficiencies.

- **Outsourcing of selected services:**
 - *Facilities and grounds maintenance*
 - *Bookstore and limited food service operations*
 - *Purchasing and payroll*
 - *Banner implementation (administration and student support software)*
 - *Identity management and the provisioning of staff and faculty NetID and Windows accounts*
 - *Hosting of the telephone system and employee e-mail, voice over IP server maintenance and support, and the university web site*
 - *Hosting of the Blackboard LMS and related services (Atomic Learning, Kaltura, Qualtrics, Taskstream)*
 - *First tier Help Desk support for user accounts and the Blackboard LMS*
 - *Live, interactive student assistance in support of online instruction*
- **Shared services with Texas A&M University and other TAMUS institutions:**
 - *Library resources and services*
 - *Land management on the permanent campus*
 - *International faculty and scholar services*
 - *Implementation of the eduSafe application for emergency preparation and response*
 - *Datacenter disaster recovery and backup storage*
 - *Shared expertise and training for Banner SIS implementation and WiFi systems support*
 - *Employment of a shared Information Security Officer (ISO)*

Note: A&M Central Texas has reduced the cost of institutional start-up by 36% since FY10, as reflected in the reduction of administrative costs to operations from 18.85% to 12.1%.



A&M Central Texas Operational Efficiencies (cont.)

- **Organizational restructuring of two major operational areas, combining resources to make more efficient use of staff time and support while expanding capability through creative re-design:**
 - **The Division of Institutional and Academic Enhancement** *combines three previously separate units, leveraging the innovative instructional technology expertise once housed in the User-Support unit, the data modeling expertise from the former Institutional Effectiveness unit, and the exceptional teaching and learning expertise from the former Distributive Learning unit to create a true “Center of Excellence” that will assure intelligent investment in innovative technology, assess and improve instructional delivery, and more accurately measure student learning outcomes.*
 - **The Division of Enrollment Management** *combines several formerly independent units into a cohesive and more efficient operational center for recruiting, advising and counseling, the certification and distribution of student financial aid, admissions and registration, and international services, while formalizing an interface with the Banner student information system for coordinated support.*
- **Ongoing construction of its permanent campus with a planned commitment to space and energy efficiency,** *meeting LEED standards in the construction of multi-use facilities that may be re-purposed over time to address changes in programmatic needs.*
- **A coordinated phase-out of instructional and office space leased during the first five years of its existence,** *strategically redirecting the cost savings to offset utilities and maintenance costs associated with bringing online the first two buildings on the permanent campus.*
- **A coordinated, planned transition of support services that have been provided by Tarleton State University** *(i.e., Banner operation and maintenance, student financial aid, enrollment support, etc.), returning funding previously redirected to Tarleton through an annual reimbursement agreement to TAMUCT operations.*



TEXAS A&M
UNIVERSITY
CENTRAL TEXAS



YOUR DEFENSE AGAINST THE RISING
COST OF HIGHER EDUCATION

★ ★ THE ★ ★
WARRIOR GUARANTEE
TEXAS A&M UNIVERSITY ★ CENTRAL TEXAS.



- **The Warrior Guarantee** began in Fall 2014 and permits all A&M Central Texas students to effectively plan for the cost of an education, while encouraging them toward degree completion with an option to accelerate the time-to-degree for undergraduates.
- All students are required to participate in the plan that covers statutory and designated tuition, and all mandatory fees. Both graduate and undergraduate students are included, resident and non-resident.
- The guarantee assures each student classification a defined tuition and mandatory fee rate that will not change for a specified period of time, ranging from two to four years.

Note: A&M Central Texas has raised its tuition 3 times in 6 years, or approximately 13% overall since FY10, while successfully meeting the challenges of a GR/FTE reduction of 25% during that same period of time.

Note: When averaging together the cost of tuition and mandatory fees at Central Texas College with that at A&M Central Texas (among the very lowest in The Texas A&M University System) the complete cost of tuition and mandatory fees for a baccalaureate degree is approximately \$17,000.



A&M Central Texas has submitted the following Legislative Appropriations Requests:

- **Base Formula Funding** – Similar to all other public colleges and universities in Texas, the highest priority for Texas A&M University-Central Texas (TAMUCT) is to secure additional funding for the higher education funding formulas. These formulas provide support for instructional programs as well as for vital student services. *While formula funding is essential for all public institutions, it is especially so for a new and growing university like TAMUCT that is challenged to systematically expand its instructional programs to meet the educational needs of its region.*
- **Hazlewood** – While we greatly appreciate the relief provided through the 83rd Legislature for the Hazlewood program with the addition of \$30M to our base budgets, we request that the legislature consider the entirety of the issue again *as it continues to be a growing cost to A&M Central Texas, especially in light of its close proximity and ongoing commitment to serve Fort Hood. The recent court ruling that effectively opens the Hazlewood benefit to all U.S. veterans heightens the need to address program costs.*




A&M Central Texas has submitted the following Legislative Appropriations Requests (Cont.):

- **Multi-Purpose Building III (\$40M)** – Texas A&M University- Central Texas is requesting capital funding to complete the essential Phase I Core of its permanent campus by constructing a third multi-purpose building that will support the university's enrollment growth to 4,000 students. *Building III will permit the university to consolidate and expand services for its large contingent of military students and their families; build upon its military heritage through educational programs and academic scholarship across a range of topics, including military history, diplomacy, and war resiliency; and provide a permanent home for its outstanding ROTC unit.*

In addition, Building III will also permit the university to expand programs in Nursing and the Biological Sciences while targeting the development of high interest programs such as Kinesiology and Wellness, Homeland Security, and Public Administration. Building III will directly support the university's strategic mission as an upper-level institution, coordinating its programmatic delivery with that of its region's two-year colleges to cooperatively provide a model of educational access and success at a substantially lower cost for students pursuing a baccalaureate degree and beyond.

- **Partnership in the East Williamson County Higher Education Center (\$1.5M)** – Texas A&M University-Central Texas requests one-time, exceptional item funding to support its transition into an active and effective partnership with Temple College and TSTC-Waco in the development of the East Williamson County Higher Education Center (EWCHEC), *the product of a multi-institutional initiative providing coordinated higher education opportunities at multiple levels for a rapidly growing region at a single site in Hutto, Texas. The requested start-up funding will be used to expand the university's instructional capability by hiring additional faculty and support staff to deliver quality instructional and student support services at the EWCHEC site.*

House Appropriations Committee Hearing



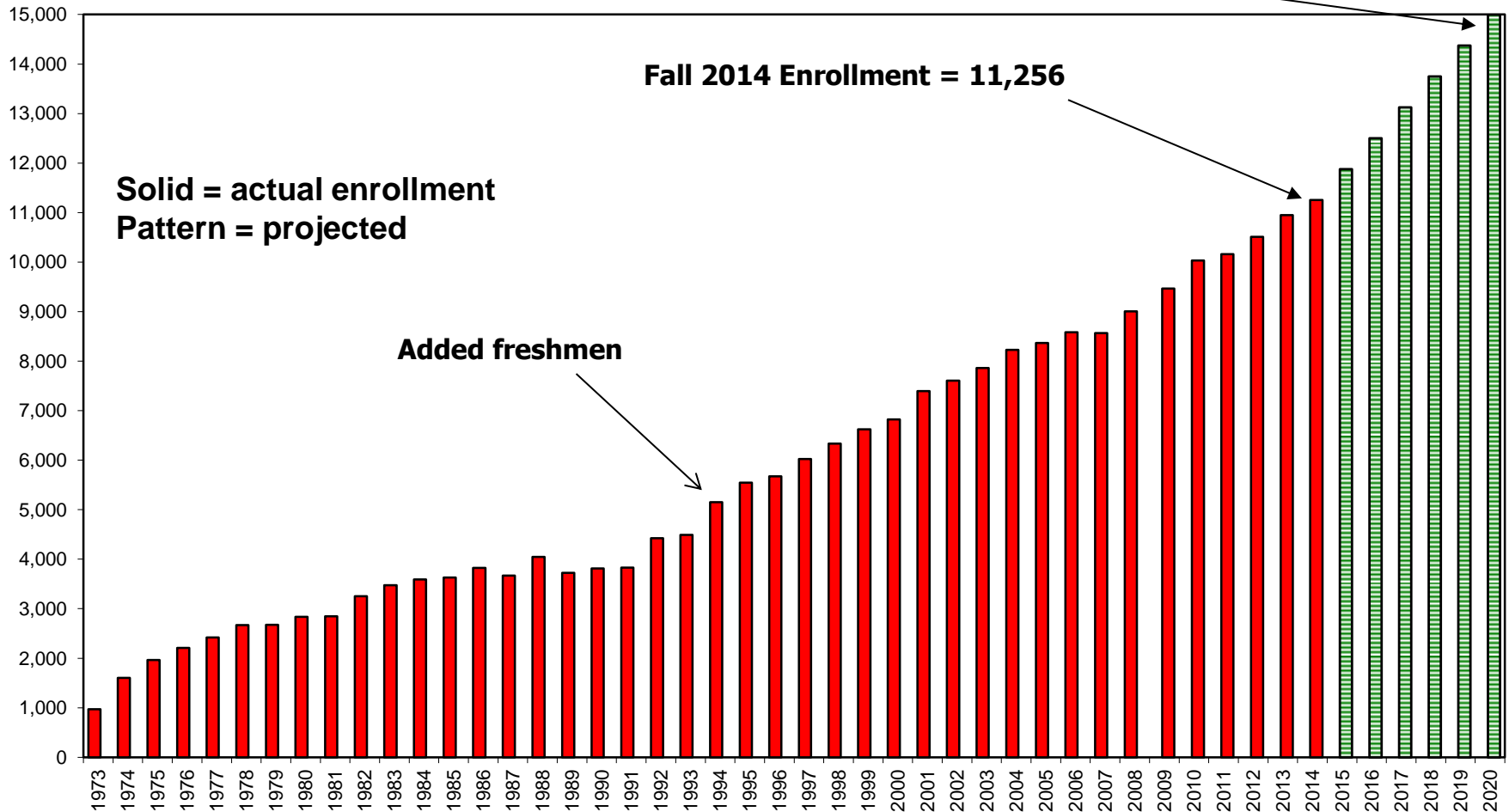
Dr. Flavius Killebrew
February 2015



TEXAS A&M UNIVERSITY
CORPUS CHRISTI

Enrollment Growth

Fall 2020 Enrollment = 15,000



Statewide Institution: Students come from **41% of the counties** in Texas with high representation from the **major metropolitan areas**.

Diverse Institution: Students closely **mirror the demographics** of the State.

Texas OneGulf Center of Excellence

- Harte Research Institute at Texas A&M-Corpus Christi named to lead federal **RESTORE Act Center of Excellence**
- COE funding is restricted to **research and monitoring in the Gulf of Mexico**

COE will:

- **Create the largest data and information network**
 - Providing access to real-time data and the most current Gulf science to Texas researchers, resource managers, decision-makers and the public
- **Link network of 142 Texas Gulf experts to the state's emergency responders**
 - Assuring access to best available science during and after manmade and natural disasters
- **Recruit world class researchers**
 - Increasing competitiveness for future federal funding



Unmanned Aircraft Systems Impact on Texas

	2016	2017	2025	10-Year
Total Jobs	3,725	5,588	8,256	8,256
Impact	\$181M	\$543M	\$802M	\$6.5B

- One of six selected nationally by the FAA
 - Competition included 49 submissions from 38 states
- Attract **more industrial development** to Texas
- Enhance Texas' **long-term research capacities**
- Provide **educational and employment opportunities** for generations of students in higher education

Efficiencies

- **Administrative Cost Ratio of 8.1**
 - Only one smaller institution has a lower ratio
 - Lower ratio than seven larger institutions
- **Space Usage Efficiency**
 - Total score of 175, above standard on total, classroom and lab
- **Three Efficiency Committees**
 - Seeking efficiencies in processes and administrative structures
- **Guaranteed Tuition for All Resident Undergraduate Students**
 - Factored on CPI



Legislative Priorities

- **Maintain Base Funding**
- **Fund Enrollment Increases**
- **Exceptional Item Requests**
 - ☐ Lone Star Unmanned Aircraft Systems (\$11.5 million)
 - ☐ Engineering Program (\$3 million)
 - ☐ Innovation Center (\$400,000)
 - Revenue neutral

Legislative Priorities

Lone Star Unmanned Aircraft Systems (\$11.5 million)

- Provide FAA with data for **safe integration** of UAS in national airspace
- **Increase safety** and **lower costs** of operation for many industries as well as state agencies
- **Puts Texas at forefront** of shaping regulations for new economic sector
- Statewide consortium of partners with test ranges across Texas

Engineering (\$3 million)

- Allows continued development of mechanical engineering (ME) and implementation of electrical engineering (EE)
- ME and EE are **critical to success of UAS test site**
- Raised \$4.02 million from community, more pending
- 34% of ME graduates are Hispanic

Innovation Center (\$400,000)

- Clients have created **165 full-time direct jobs** and **610 total jobs**
- Provides **students** with opportunities for **real-world business decision making**



Legislative Priorities

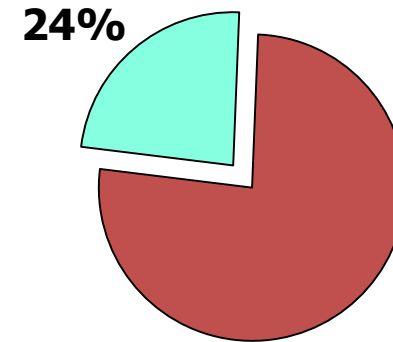
Capital Projects

- **Life Sciences Research and Engineering Building**

- \$120 million
- 165,000 gross square feet

- **Arts & Media Building**

- \$50 million
- 85,000 gross square feet



Space deficit: 241,903 sq. ft.

Modular buildings providing needed lab space



**Above Standard for
Space Usage Efficiency:**

Classroom score: 92

Lab score: 83

Total score: 175

*Requests in Support of Achieving Strategic Goals
for the University and the State*





TEXAS A&M UNIVERSITY-KINGSVILLE

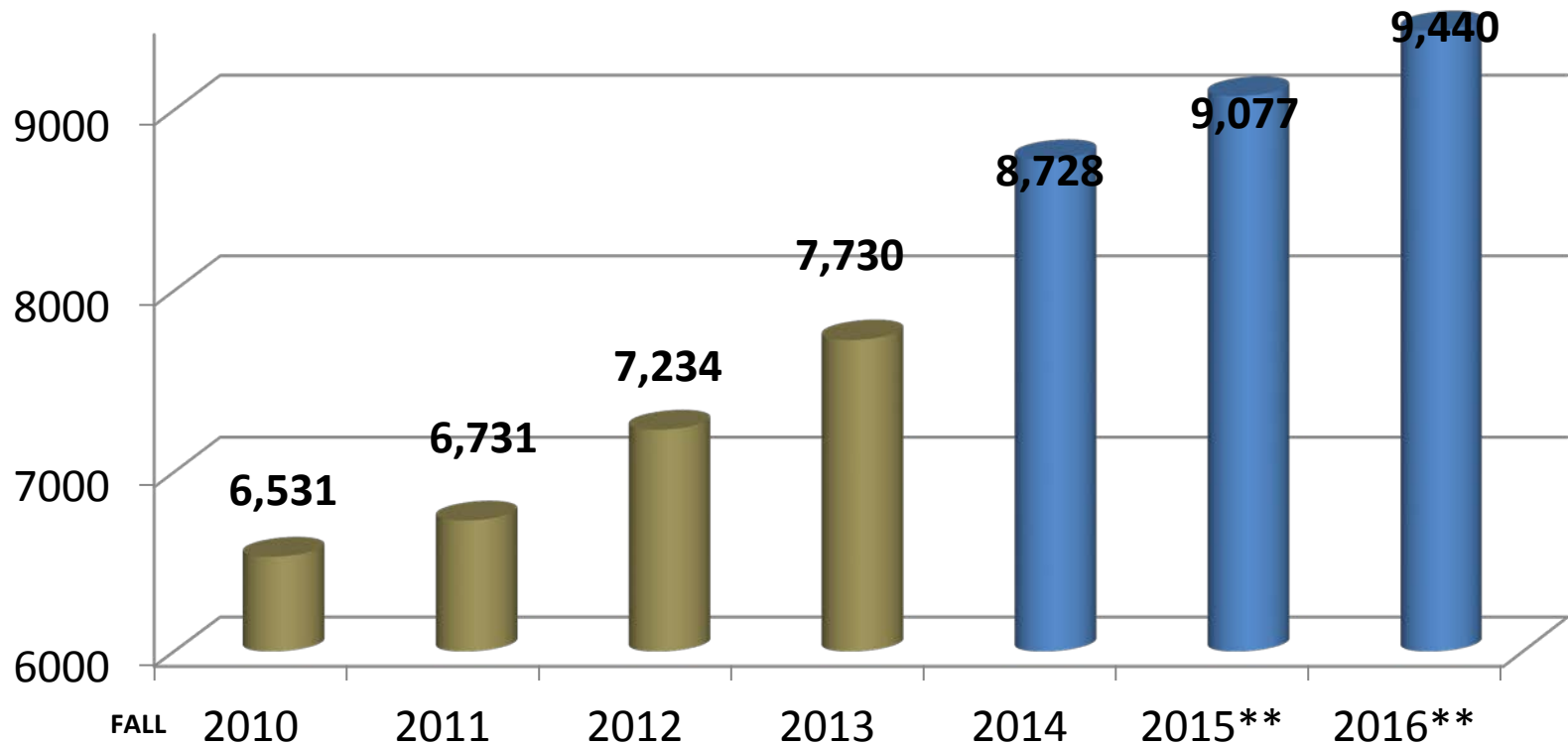
President Steven H. Tallant

*House Appropriations
Committee
February 19, 2015*

TEXAS A&M UNIVERSITY-KINGSVILLE

- **ENROLLMENT GROWTH-head count**

Total enrollment grew 34% from Fall 2010 to Fall 2014 for a total of 2197 additional students.

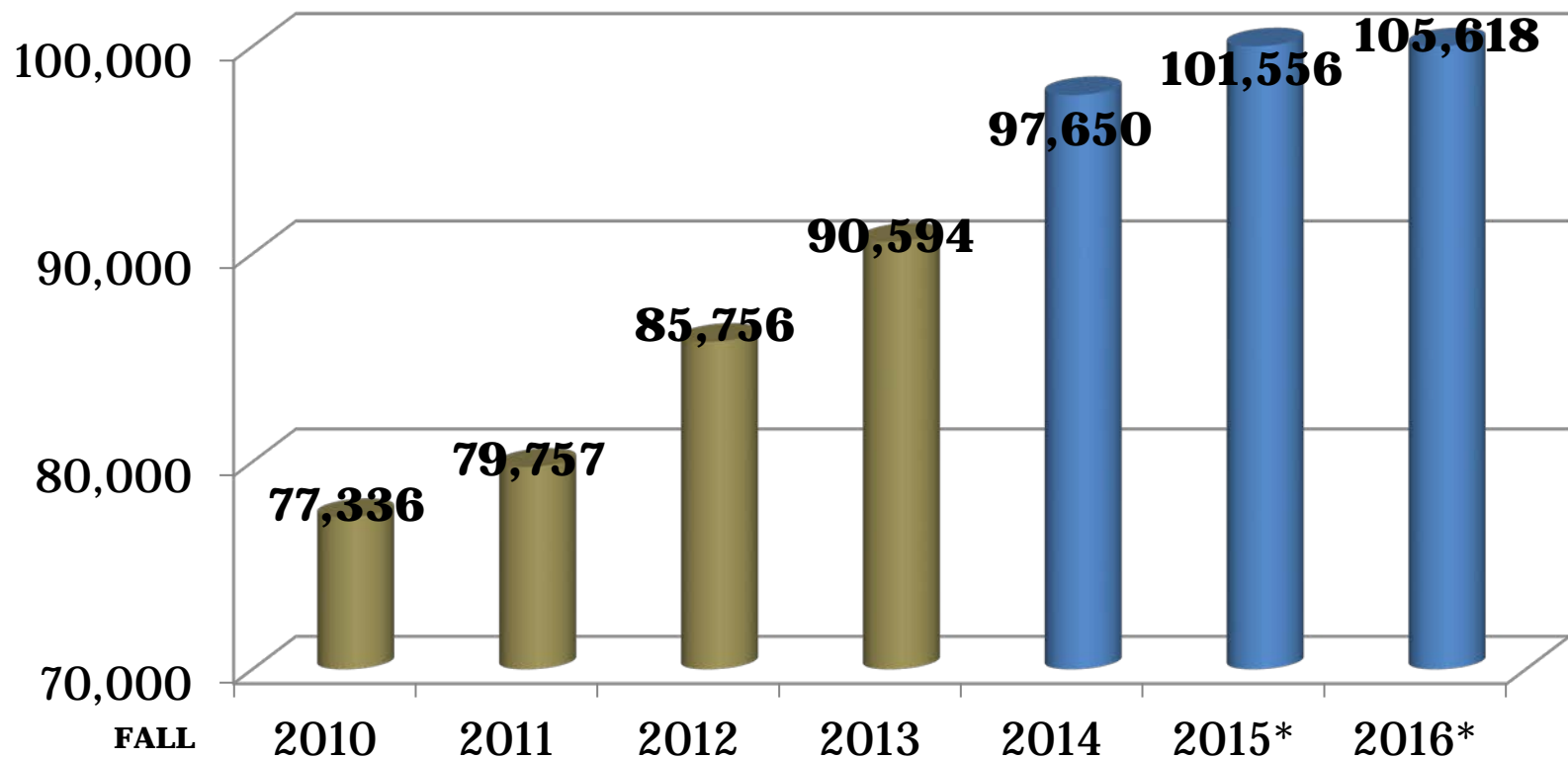


****Projected Growth at 4% for Fall 15 & Fall 16**

TEXAS A&M UNIVERSITY-KINGSVILLE

ENROLLMENT GROWTH-semester credit hours

Total enrollment grew 26% from Fall 2010 to Fall 2014 for a total of 20,314 additional semester credit hours.

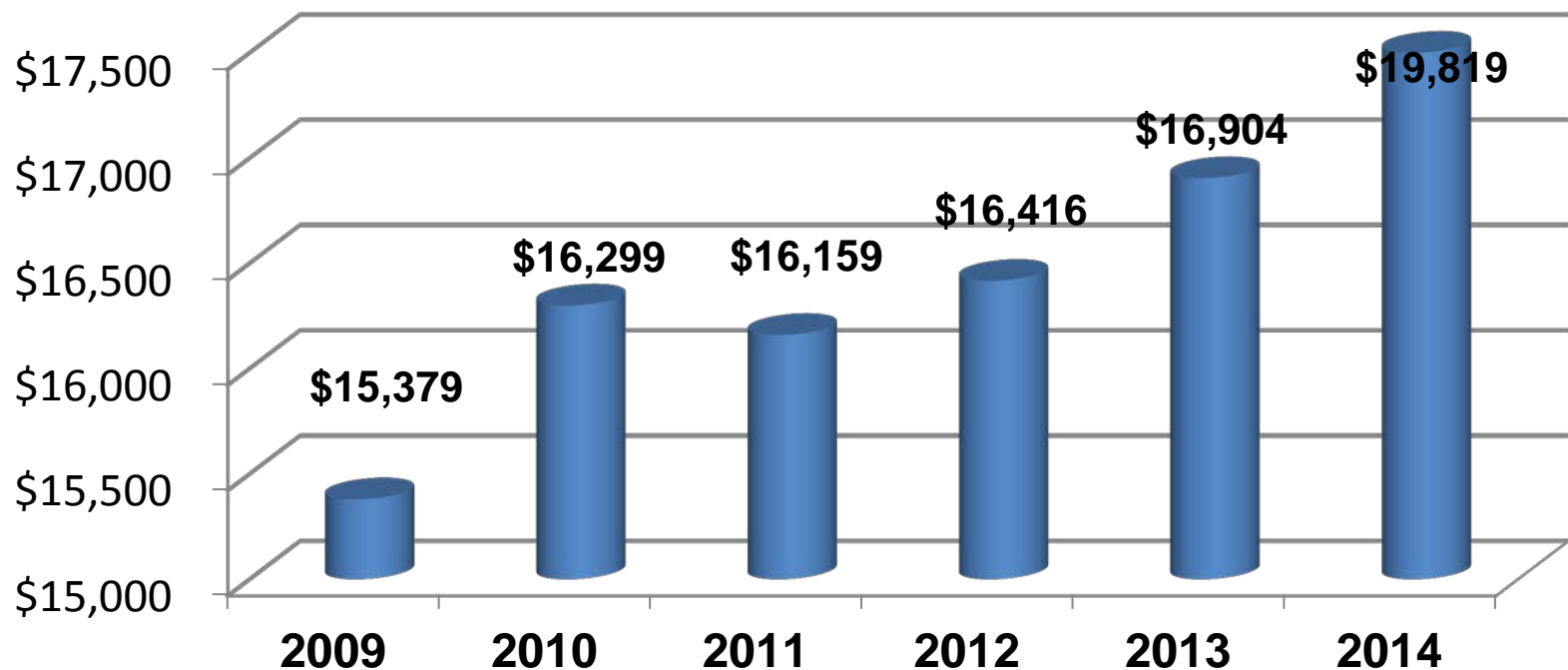


* Projected Growth at 4% for Fall 2015 & Fall 2016

TEXAS A&M UNIVERSITY-KINGSVILLE

RESEARCH AND DEVELOPMENT FUND (in thousands)

Texas A&M University-Kingsville has leveraged its RDF allocation into a diverse and vibrant university—wide research program. This funding is used to provide incentives for faculty research, seed money for new researchers, and student research grants.



TEXAS A&M UNIVERSITY-KINGSVILLE

Institutional Cost Efficiencies

- Outsourcing Facilities Planning and Construction Services to Aramark Facilities Management
- Outsourcing Payroll to TAMU-College Station
- Outsourcing Physical Plant/Grounds/Custodial Services to SSC
- Hiring Freeze since May 2014, Commitment to administrative efficiencies

TOTAL ANNUAL SAVINGS OR COST AVOIDANCE: \$1,400,000

TEXAS A&M UNIVERSITY-KINGSVILLE

- A&M-Kingsville Ranked *#36 Most Affordable 4-year University in the Nation* (affordablecolleges.com, 2014)
- Kingsville Ranked *#16 College City with the Cheapest Cost of Living in the Nation* (cheapestcolleges.org, 2015)
- Javelinas Ranked *3rd in Texas for highest starting salaries w/average starting salaries of all graduates at \$58,900* (Payscale, Inc., 2014)

AFFORDABLE CHOICE: GREAT RESULTS!

TEXAS A&M UNIVERSITY-KINGSVILLE

Legislative Agenda—84th Legislature

Legislative Priorities

- Base Funding—Our highest priority is additional funding for the formulas including Competitive Knowledge Fund, Higher Education Fund, and Institutional Enhancement.
- Capital Projects—Our university desperately needs support for classrooms for our growing enrollment.
- Student Financial Aid—We request increased support for student aid, including increases to TEXAS grants and full funding for the Hazlewood program.

TAMUK Legislative Requests

Educational Complex—Music Education, STEM/ENGINEERING Education
\$93,000,000

<u>Exceptional Items</u>	<u>2016</u>	<u>2017</u>
Educational Complex	\$8,108,164	\$8,108,164
So Tx Engineering Education		
Research & Outreach	\$3,750,000	\$3,750,000
Natl Natural Toxins Research	\$ 500,000	\$ 500,000
Masters in Social Work	\$ 500,000	\$ 500,000
Native Plants Restoration	\$ 500,000	\$ 500,000

TEXAS A&M UNIVERSITY-KINGSVILLE

Capital Investment—TAMUK Educational Complex

Request: \$93,000,000

Exceptional Item: Educational Complex Debt Service FY16 \$8,108,164 – FY17 \$8,108,164

Texas A&M University-Kingsville requests the funds necessary to renovate existing educational facilities and expand them to create an educational complex which will meet the growing enrollment demands in STEM, music, and other educational programs.

Adds: 108,542 GSF of new construction and 83,677 GSF of repair/renovation

Removes: \$9.5 million in deferred maintenance

*This request is critical to retain our accreditation from the National Association of Schools of Music. The agency has given our university only until 2015 to have a plan to correct major facility deficiencies without placing our accreditation in jeopardy. Currently, our program produces the majority of music educators for South Texas, and is well known for the quality of its graduates with over a 99% placement rate over the past 20 years.

*The University has had an increase in enrollment in engineering programs of 46% over the past 4 years, and has a total space deficit of 54,254 sq. ft. In order to maximize classroom efficiency and meet the needs of the projected enrollment growth, the new, large classrooms will be designed to seat 50-80 students each to allow for a larger student-to-faculty ratio.

TEXAS A&M UNIVERSITY-KINGSVILLE

EXCEPTIONAL ITEM REQUEST

South Texas Engineering Education, Research, and Outreach

Request: FY16 \$3,750,000 – FY17 \$3,750,000

The purpose of this Exceptional Item request is to support engineering education, research, and outreach in the following ways:

- *Provide funding to offer engineering programs in the underserved area of the Rio Grande Valley at the TAMUK Engineer Center in Weslaco, TX
- *Provide support to the Eagle Ford Shale Center for Research, Education, and Outreach
- *Provide funding for the new Ph.D. in Sustainable Energy Systems Engineering

This request supports faculty, PhD assistantships, research assistants, equipment, facilities, and lab equipment.



TEXAS A&M UNIVERSITY
SAN ANTONIO

House Appropriations Committee

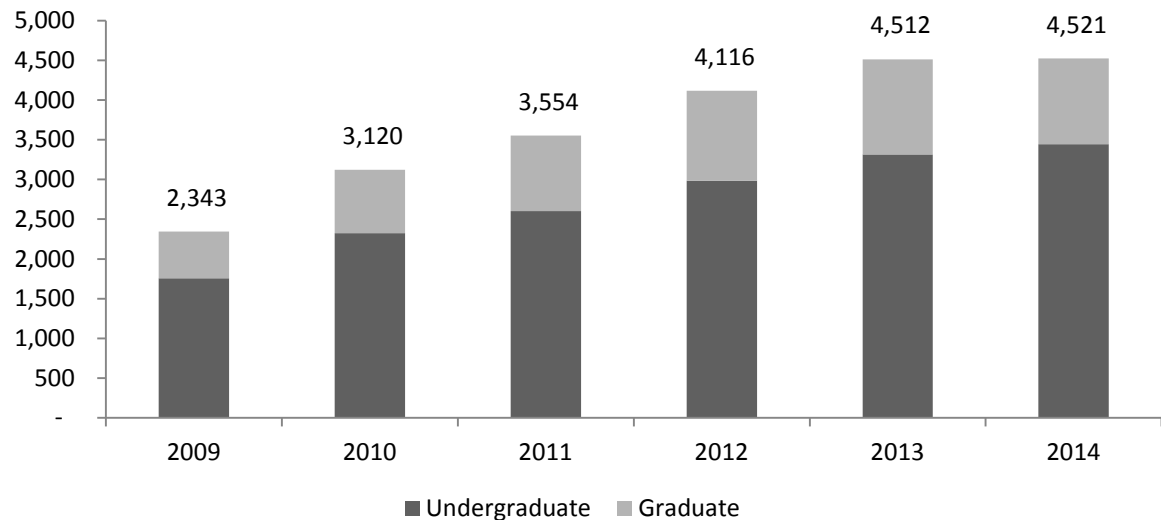
Dr. Cynthia Teniente-Matson

February 10, 2015



Enrollment Growth-Headcount

**Headcount
Increased 93%
from 2009 to 2014**



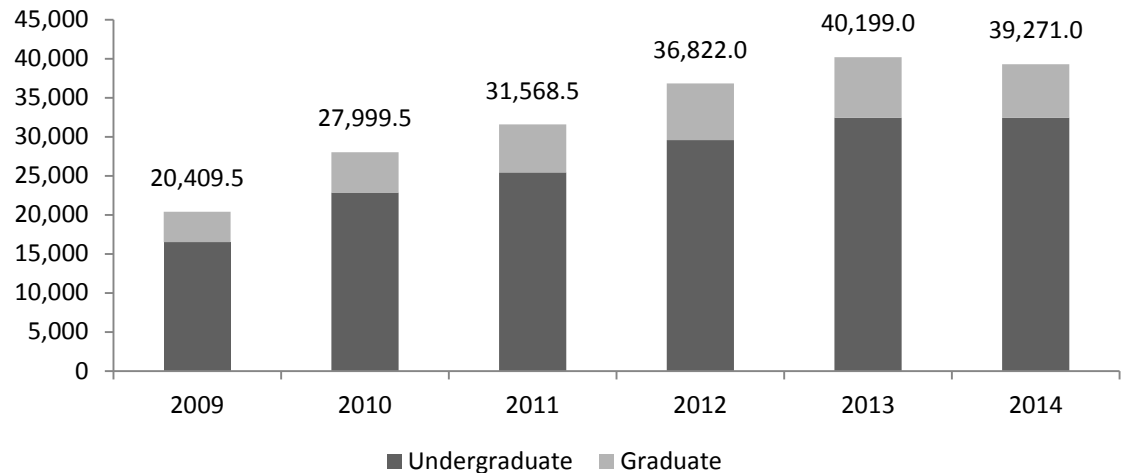
Student Body

- Approx. 60% First Generation
- Average age 32
- 13% Military affiliated
- 67% Female
- 64% Hispanic or Latino
- 90% from Urban underserved areas



Enrollment Growth-SCH

**Semester Credit Hours
Increased 48%
From 2009 to 2014**



Accomplishments

- Received stand alone accreditation from SACSCOC December 2014
- Record number of graduates for Fall 2014 @ 552
- One of four universities in State of Texas to receive Purple Heart Designation
- Largest MBA program in San Antonio¹
- Revolutionary Teacher, Principal and Superintendent Programs, *“Ready from Day One.”*

1. San Antonio Business Journal Book of Lists, January 2015

Administrative Cost Efficiencies

Eliminated Positions

- AVP Finance and Administration \$120K
- AVP for Academic Affairs \$125K
- Special Assistant for Finance and Administration \$105K
- 7 Other positions \$303K
- Total savings of \$653K

Operational Decisions

Outsourced Operations

- Bookstore
- Food Service
- Facilities

Centralized Operations

- Information Technology
- Human Resources
- Procurement

Priorities for Higher Education

- **Importance of Formula Funding**
 - To provide faculty and support services for our increasing student population
- **Capital Construction Needs**
 - To support growth at institutions
- **Maintaining existing Special Items**
 - To maintain academic and student support efforts
- **Hazlewood Relief Efforts**
 - To offset rising costs

Exceptional Item Requests

Highlights

- **Downward Expansion \$11 million**
 - 15 additional faculty to teach 600 new students
 - 20 additional student support staff
 - Professional Services
 - Infrastructure, software, equipment, etc.
- **Student Success-\$9 million**
 - 38 Additional Student Success Staff, 20 additional tutors, 50 peer mentors, and faculty course releases
 - Professional Services
 - Infrastructure, software, materials, equipment, etc.



Capital Requests

Highlights

STEM Building-\$70 million

- Approx. 148,000 sq. ft.
- Approx. 68% classroom and lab space
- STEM emphasis support
 - Eagle Ford Shale industries
 - State Water Plan
 - Research
- Unify to one campus

Central Plant-\$16.5 million

- Approx. 17,000 sq. ft.
- Two water coolers and 2 boilers
- Allows access to recycled water
 - Reduces utility costs
 - More efficient than adding 3rd chiller unit
- Supports water conservation efforts



TEXAS A&M
INTERNATIONAL
UNIVERSITY

House Appropriations Committee

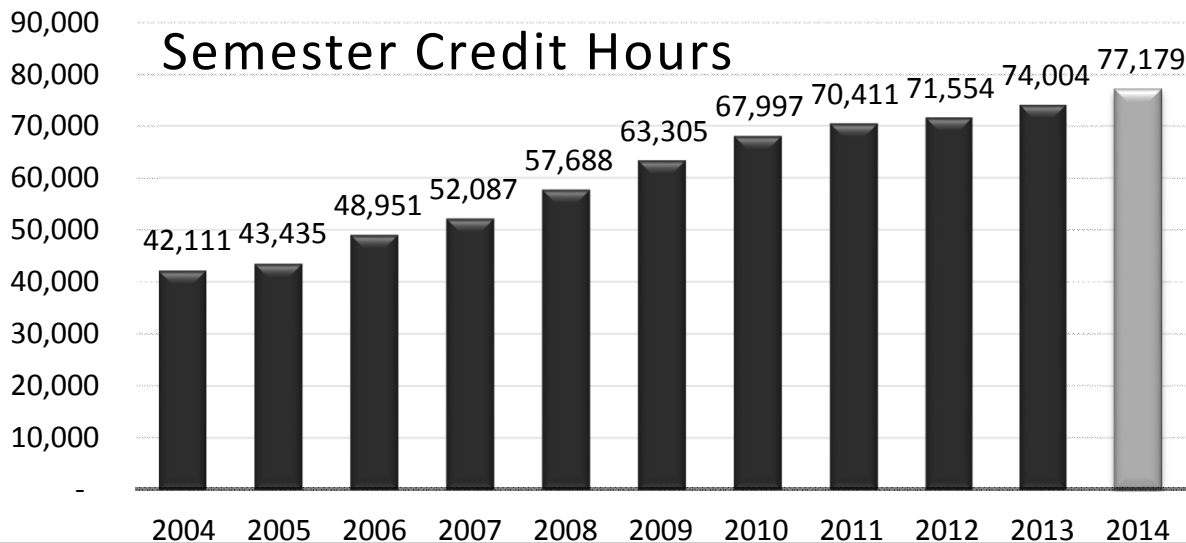
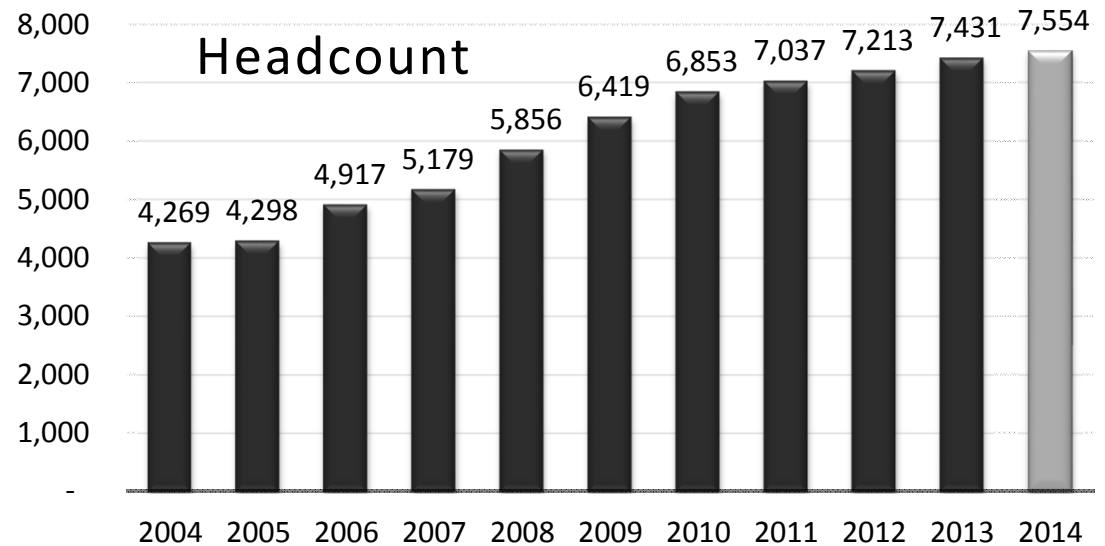
Dr. Ray M. Keck, III

February 19, 2015



Fall Enrollments

**77% increase in
headcount since 2004**

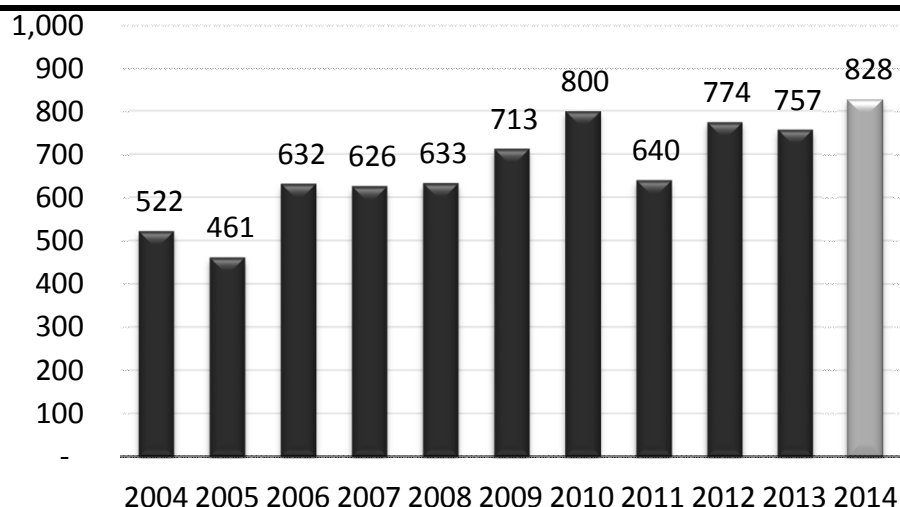


**83% increase in
SCH since 2004**

DISCOVER THE INTERNATIONAL YOU!



Freshman Cohorts



- **20%** top 10 percent graduates
- **42%** top 25 percent graduates
- **60%** dual credit recipients
- **17%** in developmental classes
- **22%** from ISDs outside of Laredo
- **77%** registered at high schools

Our Student Body

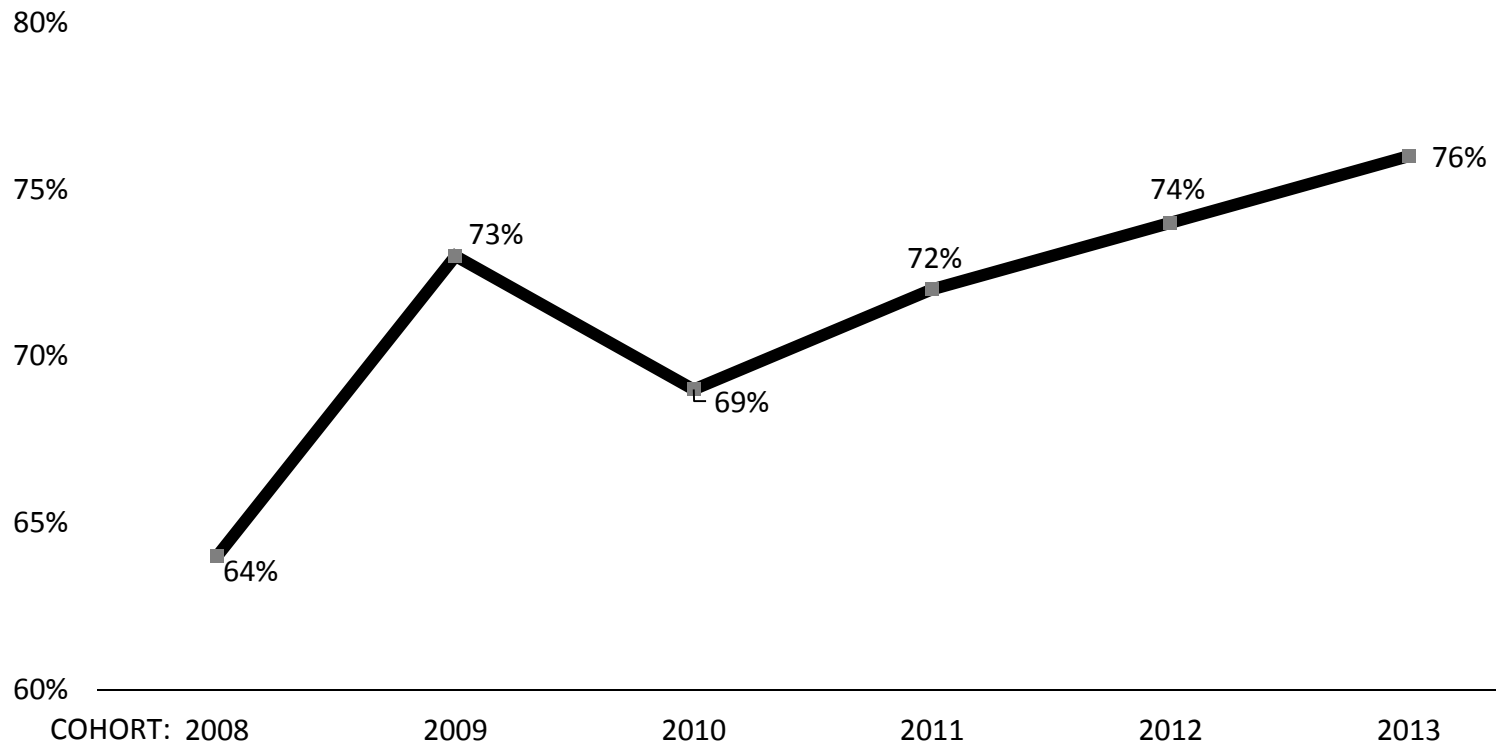
- **96%** Texans
- **85%** Webb County Texans
- **95%** Minorities
- **69%** on Pell Grant
- **82%** on Financial Aid

DISCOVER THE INTERNATIONAL YOU!



Second-Year Retention Rates

Higher than state and national norms according to the THECB.



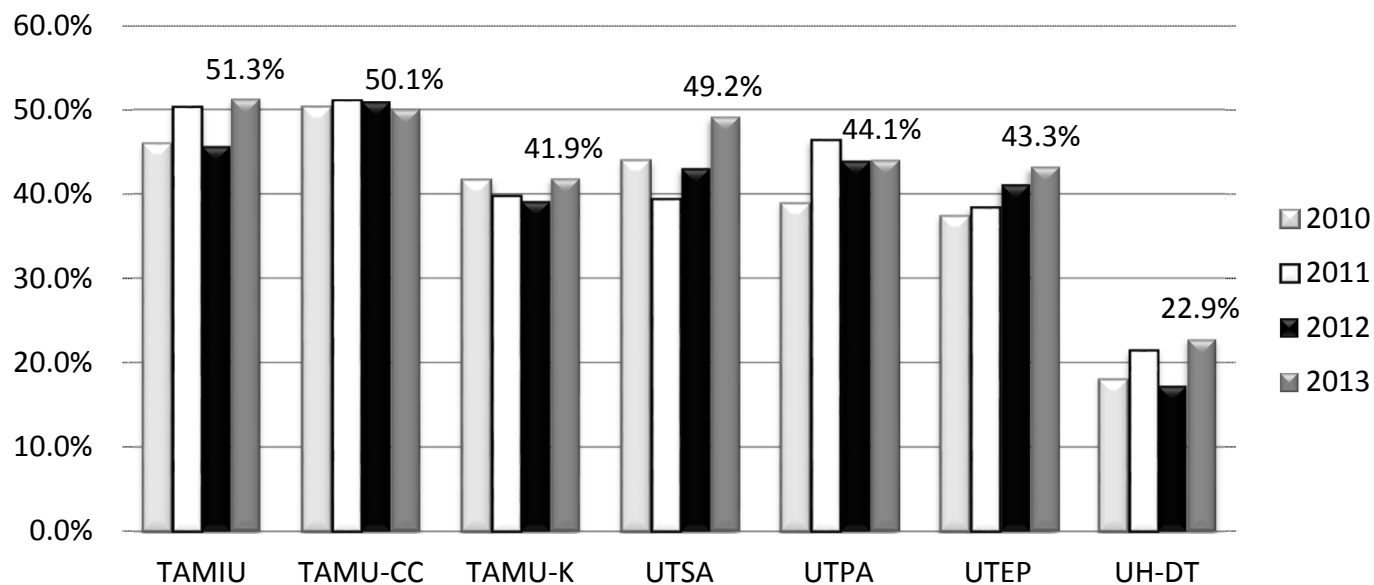
81st Legislative Session: Outreach and Enrollment (2010)

- *Reading the Globe*
- Freshman seminar course
- Peer mentors

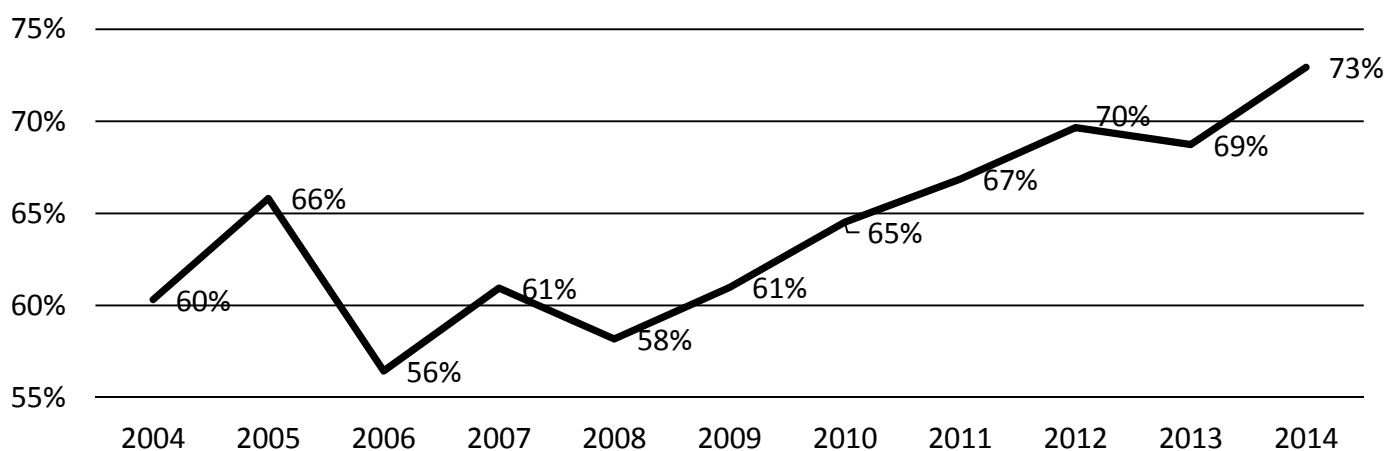
DISCOVER THE INTERNATIONAL YOU!



Six-Year Graduation Rates



At-risk student degrees awarded to total awarded





Low Administrative Costs

- Outsourced operations
 - Food Service
 - Bookstore
 - Housing
 - Custodial
 - Maintenance and Grounds
- Centralized operations
 - Information Technology
 - Human Resources
 - Procurement

University of North Texas at Dallas	20.20%
Texas A&M University-San Antonio	19.80%
University of Houston-Downtown	14.20%
Texas A&M University at Galveston	13.70%
Texas A&M University-Central Texas	13.00%
Texas A&M University-Texarkana	12.90%
The University of Texas at Tyler	12.10%
Lamar University	12.00%
Sul Ross State University	12.00%
Stephen F. Austin State University	11.90%
University of Houston-Clear Lake	11.70%
Texas A&M University-Kingsville	11.30%
West Texas A&M University	11.20%
University of Houston-Victoria	11.10%
Prairie View A&M University	10.70%
Midwestern State University	10.50%
Texas A&M University-Commerce	10.20%
The University of Texas of the Permian Basin	9.80%
The University of Texas at Dallas	9.70%
The University of Texas-Pan American	9.60%
Angelo State University	9.20%
Sul Ross State University Rio Grande College	9.00%
The University of Texas at San Antonio	8.90%
Texas Southern University	8.80%
The University of Texas at Brownsville	8.30%
Texas A&M University-Corpus Christi	8.10%
The University of Texas at Arlington	7.80%
The University of Texas at El Paso	7.80%
Sam Houston State University	7.70%
Texas A&M International University	7.60%
Tarleton State University	7.40%
Texas Woman's University	7.10%
Texas State University	6.90%
Texas Tech University	6.20%
University of Houston	5.90%
The University of Texas at Austin	5.70%
University of North Texas	5.10%
Texas A&M University	3.70%

FY 2014 data from THECB Accountability System.



Legislative Priorities

- Full funding of the formulas
 - For faculty and support services necessary to service growing enrollments
- Approval of Higher Education Fund allocations
 - For repair and rehabilitation of buildings and purchase of capital equipment
- Student financial aid increases
 - For support of TEXAS grants and B-on-Time loan program
- Hazelwood Program relief
 - To help offset increasing costs
- Preservation of existing special items
 - To provide academic and student support



Legislative Program

Exceptional Item Requests

- Petroleum Engineering Initiative
 - *\$6M biennial request*
 - Expands engineering program
 - Creates International Energy Institute
 - **\$2M in industry matching pledges**
-
- Texas Academy of International and STEM Studies
 - *\$2M biennial request*
 - Expands *The Academy* to provide academically gifted high school students with a challenging University-level curriculum
 - **\$750K in matching community pledges**



Legislative Program

Capital Project Requests

- Library Renovation through Addition of Instructional and Support Spaces - \$62.1M

-Renovation of library through construction of academic classroom/lab and support services buildings to vacate offices housed in the library.

-\$6.9M University matching

- Repurposing of Kinesiology Building for Labs through Addition of Convocation Center - \$66M

-Circumvents return of unutilized land to original grantor in 2018.

-Refashioning of Kinesiology building for classrooms and labs through construction of Health, Wellness, Kinesiology and Convocation Center.

-\$20M City of Laredo matching pledge



Necessity of Capital Projects

- Space deficit in excess of 138,000 square feet.*
- Loss of 90 acres to original grantor for land not utilized by 2018.
- 54% increase in enrollment since capital projects last approved in 2006.

*THECB Academic Space Projection Model – Fall 2013



TEXAS A&M INTERNATIONAL UNIVERSITY
A Member of The Texas A&M University System

Office of the President

TO: House Appropriations Committee

FROM: Ray M. Keck III
President

RE: Special consideration for Capital Project request

DATE: February 19, 2015

On June 25, 1993, Texas A&M International University received 300 acres to create our campus in Laredo. The donor specified that 200 of these acres were given fee simple; 100 acres came as part of an "Easement."

The gift agreement specifies that the Easement "shall be used for the purpose of promoting the educational programs" of the University, available for "all acts incident to the construction of permanent structures on the Easement properties...."

The agreement further provides that "that portion of the property which is not being used by the GRANTEE" shall revert to the donor after a period of 25 years. On June 25, 2018, that period will have elapsed.

The University seeks to construct on that property a facility to serve as a much-needed health, wellness, kinesiology, and convocation center.

As a part of this project, the City of Laredo has agreed to provide \$20 million for the construction of fields appropriate to the development of University and community-based programs.

Should this bond not be funded, it is doubtful that Texas A&M International could raise the funds necessary to ensure the construction of "permanent structures."

**West Texas A&M University
House Appropriations Committee Hearing
10 February 2015**



West Texas A&M University

Selected Characteristics

West Texas A&M University is a diverse and inclusive student-centered community of learners with an enrollment of 8,985 students.

- Rated five consecutive years by *U.S. News and World Report* in Top Tier of Masters Level Universities in the West.
- Rated five consecutive years by *Princeton Review* as one of the Best College in the West.
- Rated five consecutive years by *G.I. Jobs Magazine* as a top military-friendly university.
- Rated four consecutive years by *Military Advanced Education* as one of America's top military friendly colleges and universities.
- On-line MBA program ranked by *U.S. News and World Report* as 32nd best in the nation; 2nd best in Texas.
- On-line MBA program with a concentration in health care management ranked by Top Management Degrees as 5th best in the nation; 2nd best in Texas.
- On-line Masters in Financial Economics program ranked by *U.S. News and World Report* as 11th best masters degree program in business (excluding MBA) in the nation; 2nd best in Texas.
- On-line RN to BSN program ranked by *Non Profit Colleges Online* as 8th best in the nation; 2nd best in Texas.
- Established Destination WT program forging strong articulation agreements with the region's two year colleges.

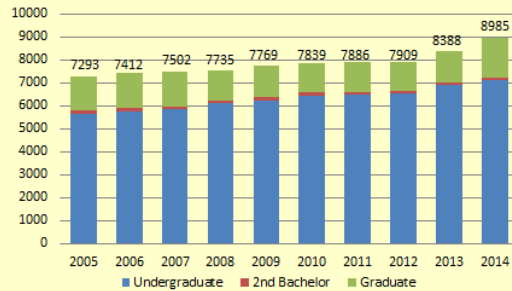
Fastest growing programs: engineering, agricultural sciences, business, and nursing.

Home to:

- Underwriters Laboratory (UL) Advanced Wind Turbine Test - one of the largest testing facilities in the world; provides services for both large wind and small and micro wind manufacturers as well as research and design testing.
- The WTAMU Beef Carcass Research Center that routinely collects research data for pharmaceutical companies, feedlot research trials, university research trials, seedstock producers, and other entities that have a need for data.
- NCAA Division II 2014 Softball National Champions.

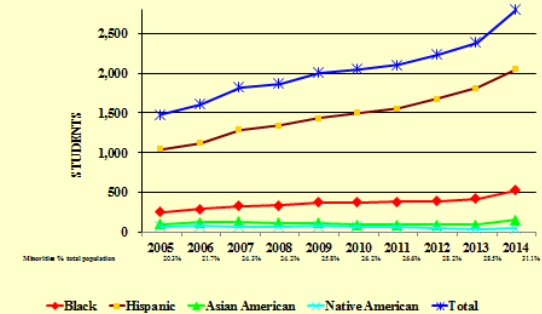
West Texas A&M University Selected Outcome Measures

Enrollment



* Based on 12th Day of Class Registrations

Minority Enrollment

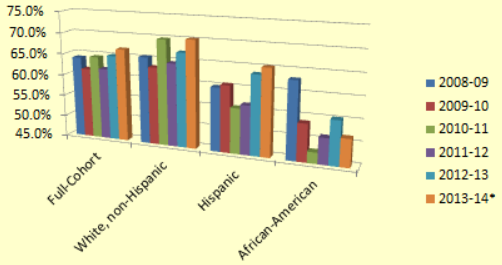


Degree Completions

	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14
Total	1463	1631	1554	1598	1615	1594	1751	1843
Baccalaureate	1112	1213	1214	1220	1294	1246	1366	1450
Started as Transfers	586 52.7%	580 47.8%	595 49.0%	559 45.8%	596 46.1%	535 42.9%	595 43.6%	583 40.2%
First Generation	512 46.0%	580 47.8%	589 48.5%	639 52.4%	671 51.9%	625 50.2%	695 50.9%	729 50.3%

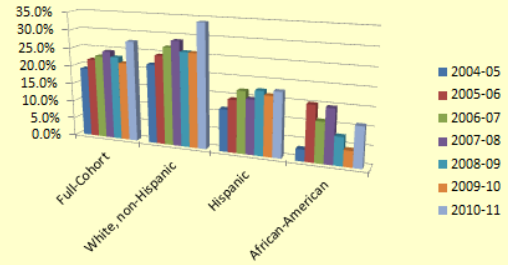
West Texas A&M University Selected Outcome Measures

1st Year Persistence Rates By Cohort Group

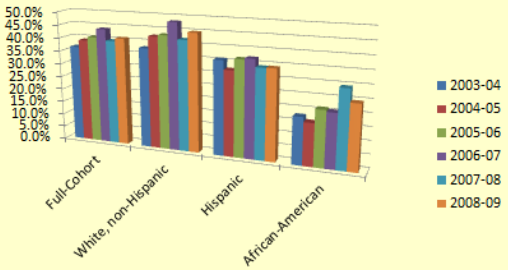


* Based on 12th Day of Class Registrations

4 Year Graduation Rates By Cohort Group



6 Year Graduation Rates By Cohort Group



West Texas A&M University

Operational/Efficiency Data/Measures

The number of full-time faculty positions at WTAMU has been increased from 264 faculty in the fall of 2010 to 308 faculty in the fall of 2014 - a net increase of 44 positions or 16.67 percent. Note: the 16.67 percent increase in full-time faculty positions closely corresponds to the 14.54 percent increase in student enrollment over the same period. During the same time frame, the number of personnel in the classifications of clerical, executive/administrative/management, professional/non faculty, and technical/paraprofessional increased from 430 to 437, an increase of only 1.63 percent.

WTAMU's operating expenses per FTE student for FY 2014 is below the median for all public universities in Texas – 3rd lowest among the State's public universities.

Among the 10 public universities with an enrollment between 5,000 and 10,000 students, WTAMU's administrative costs as a percent of operating budget are slightly above the median.

Outsourced custodial services, building maintenance, and landscaping to Southeast Service Corporation (SSC) commencing June 1, 2013 resulting in savings of approximately \$500,000 per year.

Outsourced operations of WTAMU Print Shop resulting in savings of approximately \$55,000 per year commencing FY15.

To decrease uncertainty about the cost of higher education, increase stability of cost and provide an incentive to graduate on-time, WTAMU established in FY15 a four-year guaranteed rate for tuition and fees for incoming freshmen; a three-year guaranteed rate for current sophomores; and a two-year guaranteed rate for current juniors.

West Texas A&M University

Operational/Efficiency Data/Measures (continued)

To improve the quality of processes within the university, WTAMU implemented in FY12 Lean Six Sigma - a business improvement methodology that focuses on maximizing shareholder value (in this case ROI to the taxpayers) by achieving the fastest rate of improvement possible in customer satisfaction, cost, quality, process speed, and invested capital.

Reorganized administrative structure of College of Business in FY13 by eliminating department heads and replacing them with two associate deans, thereby reducing the number of administrators in the college from five to three. This resulted in a net gain of six classes being taught each year by tenured faculty in the college without sacrificing quality.

In the College of Education and Social Sciences, in FY15 departmental offices were combined and resources shared, resulting in lower operating costs for individual departments and a reduction in the number of departmental secretaries from three to two, without any decrease in the quality of service provided to students and faculty in the college. Also, the Dean appointed an experienced faculty member to serve as head of the Department of Political Science and Criminal Justice and the Department of Psychology, Sociology, and Social Work, thereby reducing the number of department heads in the college from three to two. This also resulted in a net gain of four classes being taught by tenured faculty in the college each year.

Responsibilities of two Assistant VPs for Business and Finance were consolidated and assigned to a single Assistant VP for Business and Finance, thereby freeing up funding for one FTE position.

In August 2014, WTAMU successfully completed its Share Your Pride Comprehensive Campaign. Goal was \$35 million; raised \$50.3 million.

West Texas A&M University Funding Request - Priorities

Overall Priorities

- Full funding of formula
- Increase in HEF as recommended by the Coordinating Board
- Increase in funding in support of Hazlewood commitments

Capital Projects

- Agricultural Sciences Complex
- Amarillo Center

Exceptional Item

- Electrical Engineering Program - Startup

WTAMU Capital Project Requests Agricultural Sciences Complex

- **Total Cost: \$53,000,000**
- **Total Request: \$43,000,000**
- **Project Description:** West Texas A&M University is requesting funding to construct a new Agricultural Sciences Complex.
 - Complex will be approximately 140,000 sq. ft.
 - Teaching and research portion of complex will be 64,450 sq. ft. of space to include 7 classrooms, 50 faculty offices, 5 administrative offices, a student lounge, computer lab and 10 research labs.
 - Meat lab portion of complex totals 76,400 sq. ft. of space to include an abattoir, BCRC offices, conference room, fresh meat fabrication and packaging area, retail space, meat lab manager office, 5,600 sq. ft. pavilion for live animal evaluation, and a 60,000 sq. ft. covered arena for animal handling training
- West Texas A&M University has identified Agricultural Sciences as one of the emphasis areas in which to expand enrollment significantly and to establish internationally recognized research programs. Since 2009 Agricultural Sciences has been one of the fastest growth programs at WTAMU – registering a 41% increase in enrollment.
- The region in which WTAMU is located is the largest cattle feeding region in America and annually markets more than 5.5 million fed cattle—30% of the nation's fed cattle production. Additionally, 94% of all of the swine in the state reside in the Panhandle and 7 of the 10 largest dairy producing counties in the State are in the region.

Amarillo Center

- **Total Project Cost: \$20,000,000**
- **Requested Capital Funds: \$10,000,000**
- **Project Description:** This funding (\$10,000,000) is to complete the renovation (approximately 48,000 sq. ft.) of the Amarillo Center (former Commerce Building) as classrooms, seminar rooms, faculty and staff offices, and restrooms.
- At the completion of renovations, the Amarillo Center will house the Masters of Social Work program, the Masters of Education Counseling program, the Masters of Communication Disorders program, the WTAMU Speech and Hearing Clinic, the WTAMU Center for Learning disABILITIES, the WTAMU Small Business Development Center, and eventually the Master of Business Administration

WTAMU Exceptional Item Request Electrical Engineering Program

- **Requested Amount:** \$1,130,000 (\$650,000 in FY 2016; \$480,000 in FY 2017)
- **Program Description:** This exceptional item is designed to increase the number of engineering graduates from West Texas A&M University by offering a degree programs in electrical engineering.
 - This exceptional item appropriation will fund two new electrical engineering faculty positions in the program (\$240,000). Faculty members hired will hold doctorates in electrical, power, or energy systems engineering. To support the program a lab technician and a clerical support staff person will be hired (\$100,000) and an M&O budget established (\$40,000). In addition, equipment costs are projected at \$750,000 for the biennium.
 - One time funding
 - The electrical engineering program is scheduled to commence Fall 2015.
 - There is a state and nationwide shortage of engineers and the situation is particularly acute in the Texas Panhandle.
 - Commenced offering Mechanical Engineering in 2003; Civil Engineering in 2010; Environmental Engineering in 2012. Currently over 500 engineering majors.
 - Graduates of the WTAMU engineering program primarily stay in Texas and in the Panhandle region.
 - Since May of 2005, WTAMU has graduated 200 students with a Bachelor of Science degree in Mechanical Engineering.
 - Eighty-five percent of these graduates are employed as engineers in Texas; 80 percent are employed as engineers within 250 miles of campus.



House Appropriations Committee Hearing, February 19, 2015

The second largest institution in The Texas A&M University System, Texas A&M University-Commerce is committed to promoting student access and success. Innovative partnerships and technology to provide access and support to underserved students have resulted in significant enrollment increases in recent years. Most importantly, a combination of high-quality, comprehensive academic services and a caring, personalized campus culture have produced significant increases in time-to-degree and the number of graduates. The number of degrees awarded has increased 85.3% since 2000. In addition, other key success metrics have also improved:

Success Measures

	2000	2013	2014	Percent Increase Since 2000
4-Year Graduation Rate	20.1%	24.5%	25.6%	5.5%
6-Year Graduation Rate	46.4%	51.3%	53.1%	6.7%
Total African American Degrees	201	463	470	133.8%
Total Hispanic Degrees	66	346	347	425.8%

Planning and Efficiency Measures Accomplished

A&M-Commerce is well below most institutions in cost per full-time student equivalent, a position we have earned by implementing innovative initiatives that reduce cost while improving institutional effectiveness. In fact we have already set in motion operational efficiencies totaling **\$13 million** over the next 5 years:

- Energy Efficiencies --- **\$171,000** annually and one-time rebates from Oncor of more than **\$150,000**
- Facilities Outsourcing --- Elimination of **134 positions** with estimated annual savings of **\$660,000 (\$6.6 Million)** over the span of the 10-year contract)
- Renegotiation of contracts (Learning Management System & Food Service) --- **\$1.5 Million** in savings
- Shared Service Initiatives --- **\$960,000** annual savings to the state
 - Shared Information Technology with A&M-Texarkana
 - Shared Information Security Officer with A&M-Texarkana, A&M-Central Texas and Prairie View A&M to fund a highly qualified position
- Continuously utilizing A&M System master contracts to maximize cost-savings potential.

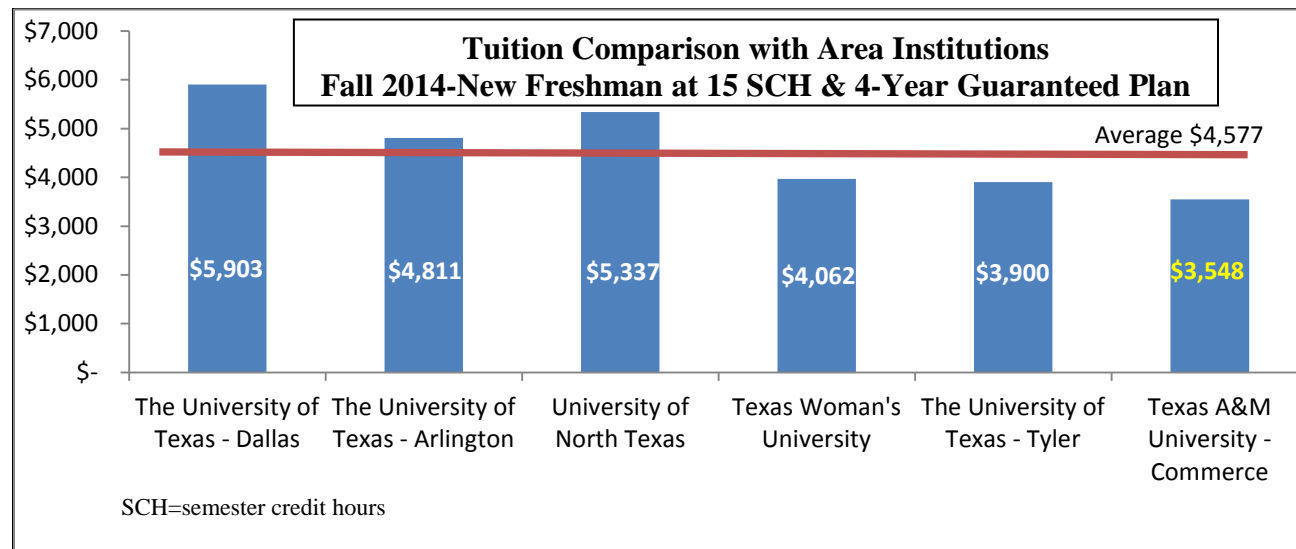
Following Chancellor Sharp's initiative to enhance administrative efficiency and redirect cost savings to the core mission of teaching, research and service, A&M-Commerce has set a goal of identifying **additional** efficiencies of **\$880,000** within the next year with a cumulative potential of **\$3.3 million** over the next five years.

Each of the last six years, the Budget Review and Development Council, appointed by the president, has become an integral part of our budget planning process. Made up of deans, faculty, key staff and students, this group has identified a minimum of **1% of the annual budget each year for reallocation to fund growth and innovation**. We are making every effort to practice wise stewardship of available resources, commit ourselves to operational practices based on assessment and continuous improvement, and meet our stakeholders' expectations with regard to transparency and accountability. We must continuously sharpen our ability to make the best use of the funds we have available to ensure the successful delivery of our mission.

Tuition/Fee Structure Strategy

Effective Fall 2014, A&M-Commerce implemented a new guaranteed tuition plan for **all** students to lock in rates to help students and parents budget for college expenses and promote timely graduation. We will strive to maintain our status as one of the most affordable institutions of higher education in Texas by continuing to exercise sound fiscal stewardship and maintain strict internal controls in managing funds in direct support of our mission.

We have the lowest tuition and fees in the Dallas-Fort Worth Metroplex for comprehensive public universities. In fact our guaranteed rates are well below the statewide average.



One thing we are very pleased with is our continued enrollment growth. Fall 2014 brought us 12,120 students, **our largest student body in history** with a 15% increase in new freshmen, 15% increase in new transfer students, 90% increase in new Hispanic undergraduates, and a 2% increase in our freshman-to-sophomore retention rate. This reflects a 53.5% enrollment increase from Fall 2000. On-campus housing set another record with 2,283 students living in residence halls.

Diversity of Enrollment

	2012	2013	2014	Percent Increase Last 3 Years
African American	2,064	2,141	2,348	13.8%
Hispanic	1,435	1,464	1,593	11.0%
White	6,151	5,948	5,896	-4.1%
Other	1,537	1,515	1,653	7.5%
Totals	11,187	11,068	11,490	2.7%

Source: THECB certified enrollment data.

Innovative Solutions to Reduce Costs and Improve Student Access and Success

Texas A&M University-Commerce has more than 20 articulation agreements with a number of community colleges in our region to promote access to underserved populations. These partnerships allow students to complete a majority of coursework at a reduced rate. By offering degree completion programs on the community college campuses, we are able to maximize state resources while meeting the needs of students in the region. In addition to traditional articulation agreements that **facilitate seamless transfer for community college students**, we have two unique and innovative community college partnerships with Navarro College and Collin College. These two partnerships take degree programs and support services to underserved regions of the state, and because facilities are provided by the community colleges, the state benefits from **more efficient use of campus infrastructures**.

In addition to delivering degree completion programs on community college campuses, A&M-Commerce has been a leader in delivering online degree programs, **currently ranking 5th in the state**. An early adopter in this ever-evolving field, A&M-Commerce has been offering distance education classes for twenty years. We have the instructors and the instruction—the package that can mean access to higher education for those who are place bound or who have professional or personal obligations that do not allow them to attend classes offered at a fixed time. Through the online delivery of high quality instruction, we have provided thousands of students opportunities to achieve their educational goals.

A&M-Commerce is proud to offer the Texas Affordable Baccalaureate (TAB) Program, the **state's first competency-based bachelor-level degree** from a public institution: a bachelor of applied science degree with an emphasis in organizational leadership. This high-quality, affordable program has the potential to provide a pathway to a baccalaureate degree for more than three million Texans who have some college credit but no credential. Currently, 74 students are enrolled and 12 students have filed for graduation in May. The program is demonstrating that this innovative model provides students a more affordable option to accelerating baccalaureate degree program completion.

Funding Priorities

Our highest priority is additional funding for the formulas, the primary source of operating revenue for public universities. Formula funding ensures that our institution can provide high quality teaching and support services for our growing student body to prepare them for the workforce. We also request support for other base funding streams, including support for research through the Research Development Fund, continuation of Institutional Enhancement, and support for the Higher Education Fund.

We appreciate the first steps taken by the 83rd Legislature to provide financial relief from the rapidly rising costs of the Hazlewood Exemption to institutions of higher education. We hope the 84th Legislature will continue to address this issue to help cover the substantial foregone revenues.

Capital Project Funding Requests

1. Nursing and Health Sciences Building

Funding	Benefit to the State
\$54,000,000	Provides an opportunity for collegial interdisciplinary education housed in a central facility promoting enrollment growth and further collaboration in teaching and research .
<i>Note: Total project costs of \$60M will be supplemented by institutional funds.</i>	

2. Library and Center for Educational Innovation and Faculty Development

Funding	Benefit to the State
\$54,000,000	Provides technology-rich learning environment to advance student access and success ; supports excellence and research goals .
<i>Note: Total project costs of \$60M will be supplemented by institutional funds.</i>	

Exceptional Item Funding Requests

1. Institute for Competency-Based Education

Funding	Benefit to the State
\$1,487,000 Biennium Request	Addresses the need to find alternative, affordable ways to deliver high quality education to its citizens, including working adults. Establishes an institute to conduct research and promote innovation, encouraging online education and shifting to competency-based models.

2. Nursing-Expansion of BSN and Development & Implementation of MSN

Funding	Benefit to the State
\$1,593,000 Biennium Request	Will respond proactively to the continuing nursing shortage as well as insufficient access to primary care. Due to limited capacity, 100-200 qualified students on our campus are turned away annually.

Texas A&M University-Texarkana

House Appropriations Committee Presentation 2016-17

1971 Established as East Texas State University-Texarkana

1996 Joined The Texas A&M University System

2010 Downwardly expanded and moved to new campus

- ❖ 2 academic buildings
- ❖ 294 bed residence hall
- ❖ Physical plant building

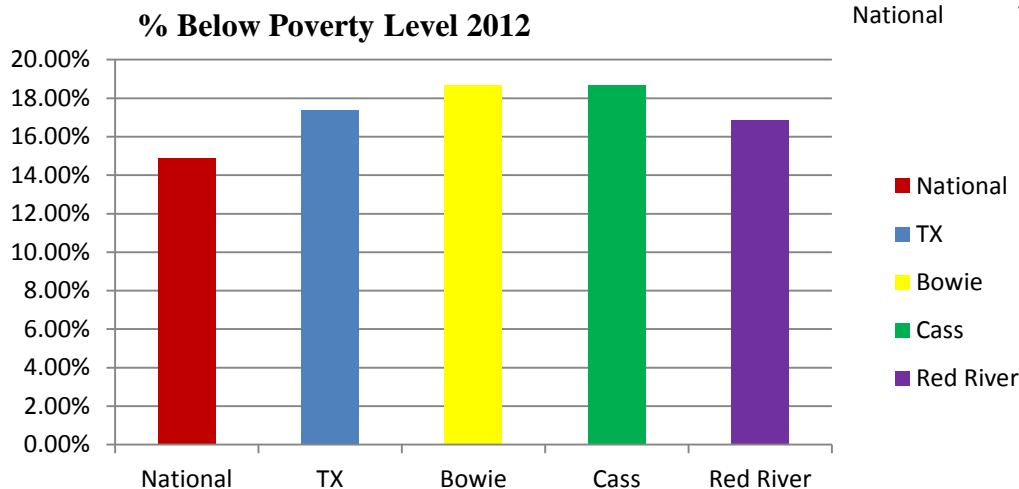
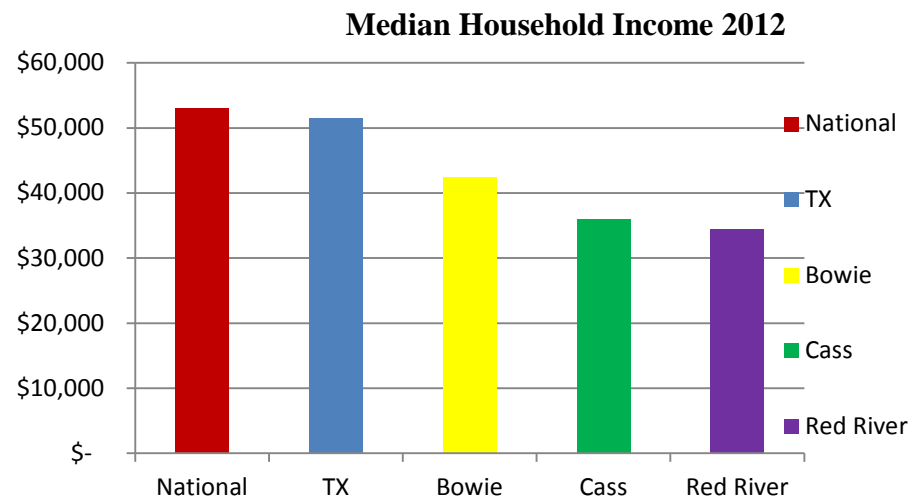
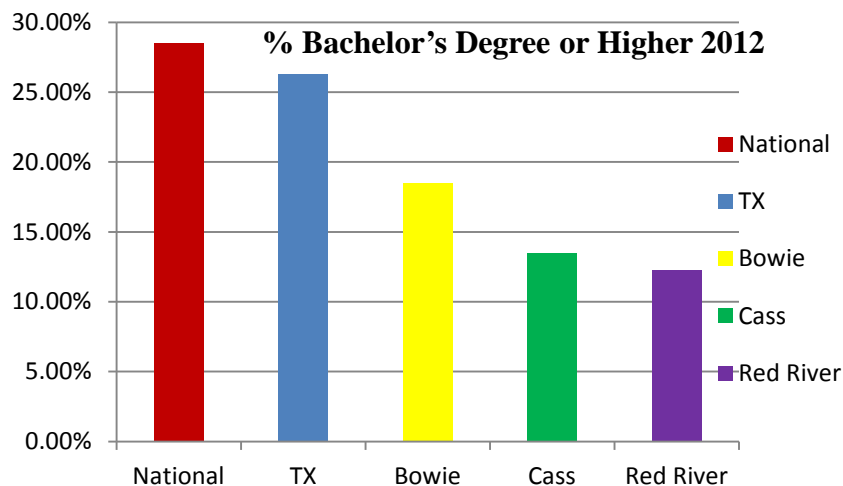
Degree Programs 17 Baccalaureate 11 Masters
1 Joint Doctoral program

Graduates per 100 FTSE (full time student equivalent)

Undergraduate	35
Graduate	76

FY2015 Operating Budget \$29,274,183

Regional Demographics



Source: US Census Bureau Quick Facts
<http://quickfacts.census.gov/qfd/states/05/05073.html>

Enrollment Highlights

<u>Key Indicator</u>	<u>Fall 2003</u>	<u>Fall 2009</u>	<u>Fall 2014</u>	<u>% Change 2003 to 2014</u>
Undergraduate (UG) Enrollment	934	1,029	1,363	46%
Total Enrollment	1,429	1,597	1,812	27%
UG Semester Credit Hours	9,103	10,500	16,637	83%
Total Semester Credit Hours	11,591	13,068	19,359	67%
Gender				
Female	71%	73%	63%	-8%
Male	29%	27%	37%	+8%
Ethnicity				
White	81%	74%	68%	-13%
African-American	15%	17%	16%	+1%
Hispanic	2%	6%	9%	+7%
Other	2%	3%	7%	+5%
Financial Aid Awarded	\$1,208,952	\$2,897,511	\$6,450,049	434%

Operational Efficiencies

❖ **Base Budget Review in 2014**

Allocated FY 14 departmental budgets based on demonstrated need and strategic goals rather than historical funding

❖ **Shared Information Technology Services with Texas A&M-Commerce**

Access to more expertise with fewer FTE employees

❖ **Outsourcing of Non-Core Functions**

Facilities

Food Services

Bookstore

❖ **Reduction in High-Level Administrative Positions**

Vice President of Academic Affairs + Vice President of Student Engagement =
Vice President of Academic and Student Affairs

❖ **Utility Savings**

September 2012 – baseline of 125 mBtu/GSF (electricity) established

August 2014 – team had reduced the EUI (Energy Use Intensity) to 96 mBtu/GSF –
a reduction of 23% or \$118,967

Strategic Initiative Highlights

- ❖ **Targeted Persistence Efforts** – resulting in enhanced persistence rates for FTIC students – notably an increase from 44% to 55% from Fall 2013 to Fall 2014

First Year Experience – re-established in Fall 2014 to provide effective bridge for freshmen and transfers, integrating classroom experiences, mentoring, and student life activities

Eagle Access - enhanced program for first-year students provisionally admitted with low test scores and/or low GPA

New Comprehensive Advising Model – enhanced face-to-face and technological support

Student Success Center – integrating advising, early warning, tutoring, and group study programs

- ❖ **Program Development and Expansion**

Innovative programming for new markets (specialized MBA and adult education) based on needs assessment

First university academic master plan for development of academic programs emphasizing student interest and workforce needs

- ❖ **Expanded Use of Technology and Social Media for Marketing**

Freshman applications : 02/02/14 – 391 02/02/15 – 1,406

- ❖ **Intentional Expanded Outreach** to at-risk populations

Twin City Ministerial Alliance – collaboration with Texarkana African-American church leaders

PEP (Partner, Engage, Prepare) – University students mentoring at-risk high school students to prepare for college

Curricular Collaboration

- ❖ **Re-established and Enhanced Partnerships** with Texarkana, NE Texas and Paris Colleges
 - Articulation Agreements
 - Dual Admission Agreements
 - Financial Aid Consortium Agreements
 - Faculty-to-Faculty liaison

- ❖ **Cooperative Programs to meet workforce needs and offer students ‘real- world’ experience**
 - Engineering
 - Healthcare
 - Banking
 - Offsite certification programs

- ❖ **Alliances with Local School Districts in Teacher Preparation and Curricula**
 - Provide coursework to ensure all EC-6 teachers have a strong background in the teaching of mathematics and science
 - Develop Environmental/Energy Experiential Stations with public school STEM educators
 - Create hands-on experiences for future teachers to enable them to use the regional climate, forestation, and lakes/rivers to teach Project-Based Learning Strategies in their future classrooms
 - Integrate engineering into K-4 curricula at bio-medical engineering elementary school
 - Partner with NASA to work with their K-12 educational programs and tools in order to provide unique experiences to learners, educators, and K-12 institutions in Northeast Texas.

Legislative Appropriations Priorities

Priority #1

Increase Formula Funding

- ❖ Primary funding source for the core mission of instruction
- ❖ Increases in funding rates directly relieve pressure on tuition rates

Hazlewood

- ❖ Request the legislature consider the Hazlewood issue again as it continues to be a growing cost to our institutions, and ultimately, our students
- ❖ Recent court ruling effectively opens Hazlewood benefit to all US veterans – further heightening the need to address the program costs

Higher Education Fund (HEF)

- ❖ Request support for this base funding stream

Legislative Appropriations Priorities

Priority #2 – Capital Project

Academic and Student Service Building \$40,000,000

- ❖ New construction of approximately 85,000 GSF and 62,000 ASF
- ❖ Provide crucial classroom, laboratory, and office space to accommodate enrollment – specifically growth in STEM and health-affiliated disciplines
- ❖ THECB Academic Space Projection Model Fall 2014 (draft) reflects a 38,768 square foot deficit that will increase with enrollment growth
- ❖ Would be the third academic building on campus

Legislative Appropriations Priorities

Priority #3 – Exceptional Items

A. Nursing Program Expansion

\$1,800,000 (biennial)

- ❖ Expand current RN to BSN program to full four-year program to fill need of local medical facilities and State of Texas. Will fund faculty and facilities for an additional 40 students per year.
- ❖ Community Partners – CHRISTUS St. Michael (magnet hospital) and Wadley Regional Medical Center have donated funds for start-up and scholarships. CHRISTUS will also provide access to its new simulation lab facility.

B. Student Success Program

\$1,650,000 (biennial)

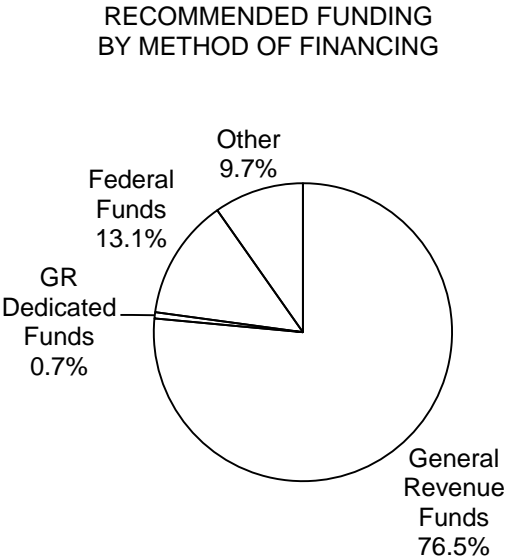
- ❖ Expand and enhance student success (retention and graduation) strategies including additional cohorts of Eagle Access, summer bridge programming, PEP, peer monitoring, community college bridge programming, internship coordination, and integration of high-impact practices (undergraduate research, community service learning, etc.) into curricula
- ❖ Seed funding for high school mentoring program (PEP) provided by Texas Pioneer Foundation

Section 1

Method of Financing	2014-15 Base	2016-17 Recommended	Biennial Change	% Change
General Revenue Funds	\$107,119,112	\$107,895,128	\$776,016	0.7%
GR Dedicated Funds	\$945,732	\$949,400	\$3,668	0.4%
Total GR-Related Funds	\$108,064,844	\$108,844,528	\$779,684	0.7%
Federal Funds	\$18,490,140	\$18,490,140	\$0	0.0%
Other	\$13,927,860	\$13,752,506	(\$175,354)	(1.3%)
All Funds	\$140,482,844	\$141,087,174	\$604,330	0.4%

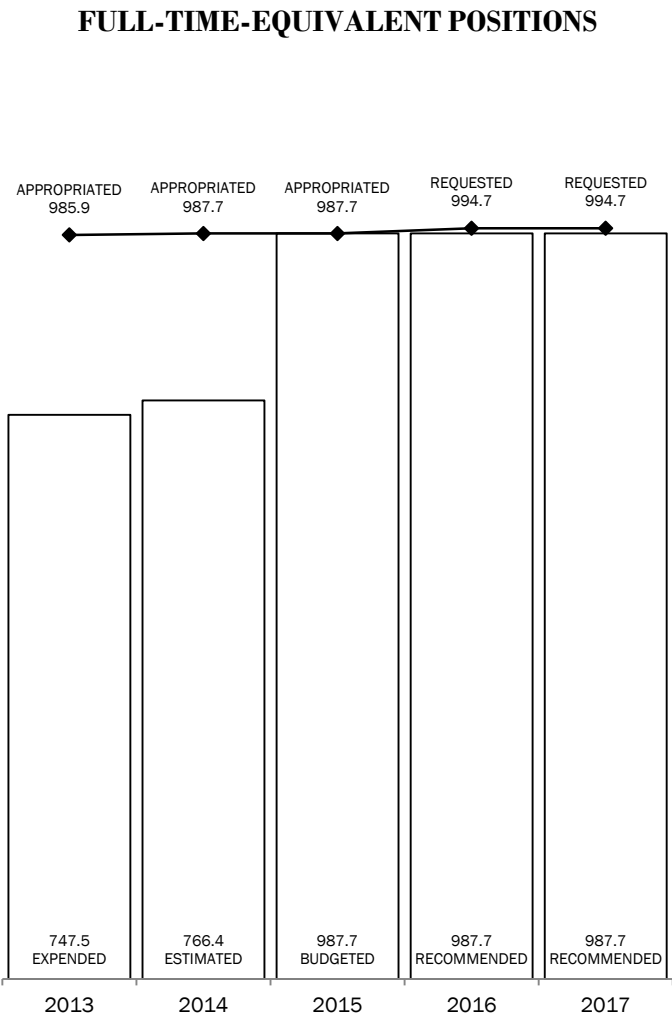
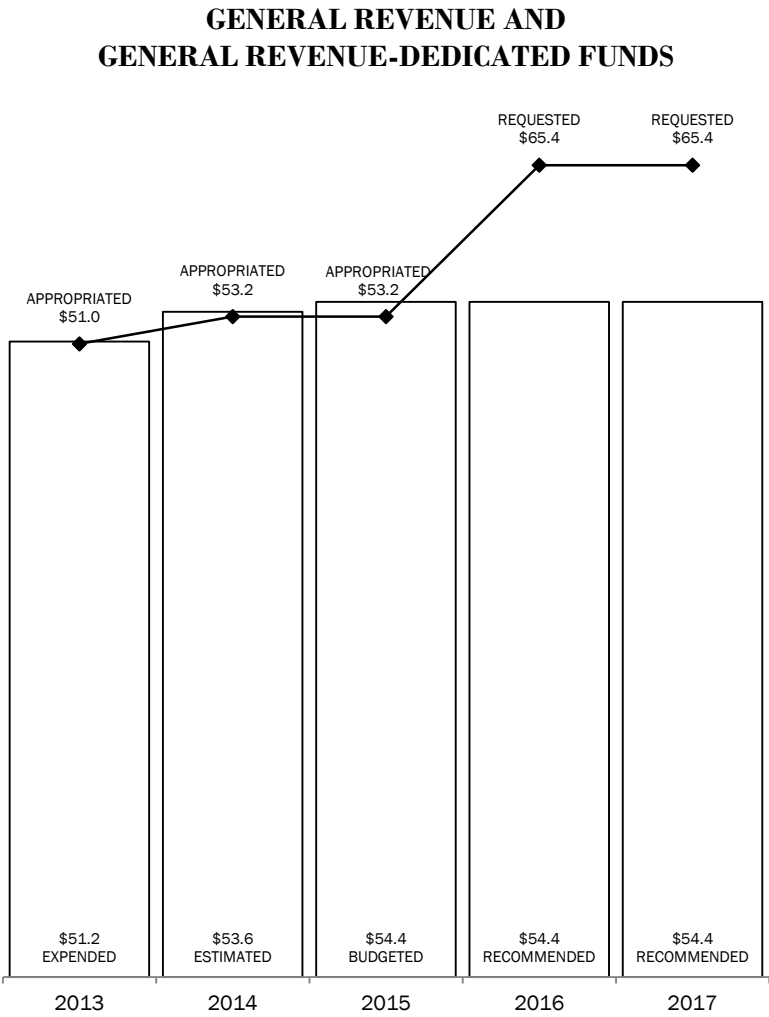
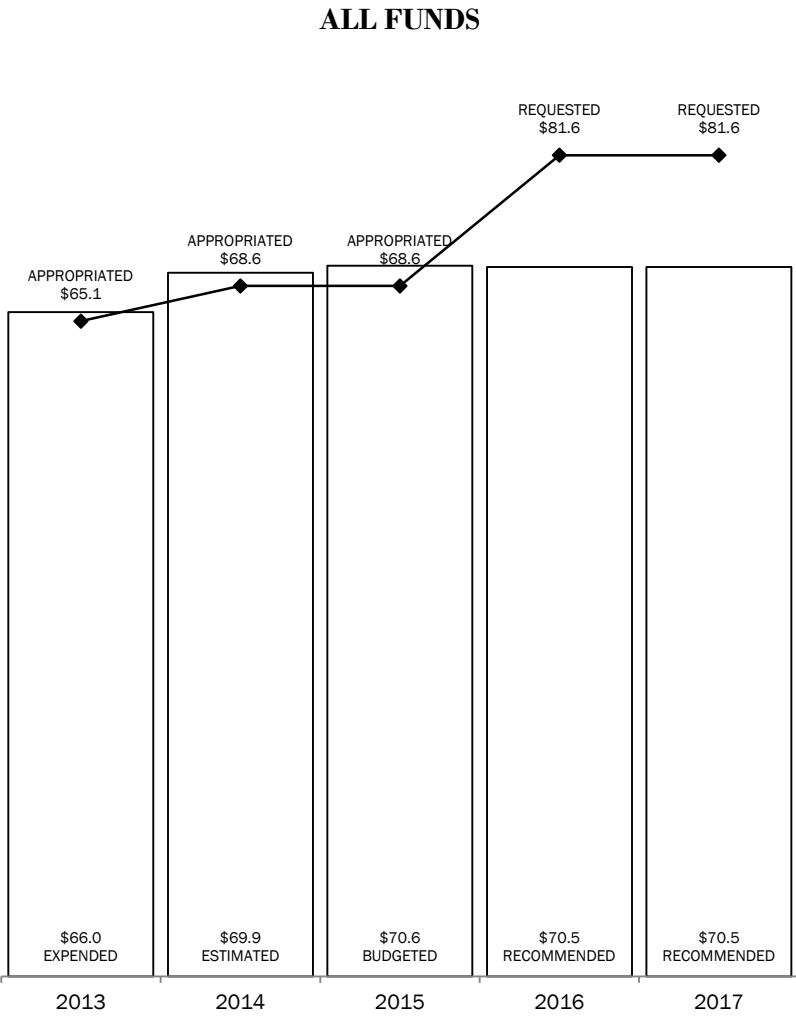
	FY 2015 Budgeted	FY 2017 Recommended	Biennial Change	% Change
FTEs	987.7	987.7	0.0	0.0%

The bill pattern for this agency (2016-17 Recommended) represents an estimated 35.6% of the agency's estimated total available funds for the 2016-17 biennium.



Section 1
Texas A&M AgriLife Research
2016-2017 BIENNIUM
IN MILLIONS

TOTAL= \$141.0 MILLION



Section 2

Texas A&M AgriLife Research					
Summary of Recommendations - House, By Method of Finance -- ALL FUNDS					
Strategy/Goal	2014-15 Base	2016-17 Recommended	Biennial Change	% Change	Comments
AGRICULTURAL/LIFE SCIENCES RESEARCH A.1.1	\$100,020,846	\$100,342,350	\$321,504	0.3%	
FEEDYARD BEEF CATTLE PRODUCTION A.1.2	\$726,748	\$726,748	\$0	0.0%	
Total, Goal A, AGRICULTURAL/LIFE SCIENCES RESEARCH	\$100,747,594	\$101,069,098	\$321,504	0.3%	
HONEY BEE REGULATION B.1.1	\$514,315	\$518,356	\$4,041	0.8%	
FEED AND FERTILIZER PROGRAM B.2.1	\$9,811,196	\$9,795,620	(\$15,576)	(0.2%)	
Total, Goal B, REGULATORY SERVICES	\$10,325,511	\$10,313,976	(\$11,535)	(0.1%)	
STAFF GROUP INSURANCE C.1.1	\$1,629,690	\$1,630,016	\$326	0.0%	
WORKERS' COMP INSURANCE C.1.2	\$192,414	\$192,400	(\$14)	(0.0%)	
UNEMPLOYMENT INSURANCE C.1.3	\$98,177	\$99,200	\$1,023	1.0%	
OASI C.1.4	\$1,252,361	\$1,266,670	\$14,309	1.1%	
Total, Goal C, STAFF BENEFITS	\$3,172,642	\$3,188,286	\$15,644	0.5%	
INDIRECT ADMINISTRATION D.1.1	\$9,024,859	\$9,321,412	\$296,553	3.3%	
INFRASTRUCTURE SUPPORT IN BRAZOS CO D.1.2	\$10,980,312	\$10,897,590	(\$82,722)	(0.8%)	
INFRASTRUCT SUPP OUTSIDE BRAZOS CO D.1.3	\$6,231,926	\$6,296,812	\$64,886	1.0%	Recommendations include a \$64,886 increase in General Revenue related to a reallocation between A&M System agencies of infrastructure support outside Brazos County. The reallocation reflects a proportional allocation methodology based on actual square feet.
Total, Goal D, INDIRECT ADMINISTRATION	\$26,237,097	\$26,515,814	\$278,717	1.1%	
Grand Total, All Strategies	\$140,482,844	\$141,087,174	\$604,330	0.4%	Recommendations include an increase of \$793,852 in General Revenue and \$3,668 in General Revenue-Dedicated funds to biennialize the 2014-15 salary increase. Finally, the recommendations reflect a \$175,354 decrease in Other Funds from 2014-15 due to lower sales funds from the Agricultural Experiment Station.

Texas A&M Agrilife Research
Selected Fiscal and Policy Issues - House

Infrastructure Support

- 1. Section 50 of the Special Provisions Relating Only to State Agencies of Higher Education provides that funding at Texas A&M System agencies for infrastructure support inside Brazos County is calculated using the Texas A&M University General Revenue rate. Funding amounts are adjusted to align with the formula funding decisions for the General Academic Institutions. Currently, infrastructure support inside Brazos County for the Texas A&M System agencies is funded at the 2014-15 base levels.
- 2. Funding for infrastructure support outside Brazos County includes a new methodology based on actual square footage. General Revenue funding for infrastructure support outside Brazos County is equal to 2014-15 funding levels and is proportionally allocated to each agency by its respective percentage of total square footage. 2014-15 appropriated amounts in this table may differ from base amounts in Section 2 due to funding reallocations by the agencies.

Recommended Infrastructure Support for Outside Brazos County (General Revenue)

Institution	2014-15 Appropriated	Actual Square Footage	Percentage of Actual Square Footage	2016-17 Appropriated	2014-15 to 2016-17 Increase/ (Decrease)
556 Texas AgriLife Research (TAR)	\$6,231,926	1,123,511	67.34%	\$6,296,812	\$64,886
555 Texas AgriLife Extension Service (TAEX)	\$1,502,600	195,083	11.69%	\$1,093,358	\$(409,242)
712 Texas Engineering Experiment Station (TEES)	\$0	286	0.02%	\$1,602	\$1,602
727 Texas Transportation Institute (TTI)	\$0	36,258	2.17%	\$203,210	\$203,210
716 Texas Engineering Extension Service (TEEX)	\$0	56,353	3.38%	\$315,836	\$315,836
576 Texas Forest Service (TFS)	\$1,465,814	231,986	13.91%	\$1,300,185	\$(165,629)
557 Texas Veterinary Medical Diagnostic Laboratory (TVMDL)	\$149,781	24,822	1.49%	\$139,116	\$(10,665)
Total	\$9,350,121	1,668,299	100.00%	\$9,350,121	\$0

Section 3b

Statutory Authority		Mission & Functions	2014-15 Base All Funds	2016-17 Rec. All Funds	2014-2015 Base GR/GR-D	2016-17 Rec. GR/GR-D	2014 Level FTEs	2016-17 Rec. FTEs
Texas A&M AgriLife Research (TAR)	Education Code, Title III, Section 88.201	Conducts research in the agricultural, environmental, and life sciences. Goals include enhancing the competitiveness of agricultural industries and natural resource conservation. AgriLife Research administers the honey bee regulation and feed and fertilizer programs. Research highlights include: ecosystem research, conservation, and sustainable agriculture.	\$ 140,482,844	\$ 141,087,174	\$ 108,064,844	\$ 108,844,528	987.7	987.7
Texas A&M AgriLife Extension Service (TAEX)	Education Code, Title III, Section 88.822	Provides training and educational programs including 4-H through county extension agents. Extension agents are supported by federal, state, and county funding. AgriLife Extension also provides wildlife and insect management services including feral hog abatement and boll weevil eradication.	\$ 133,222,282	\$ 133,702,344	\$ 86,619,858	\$ 87,108,474	1031.1	1031.1
Texas A&M Engineering Experiment Station (TEES)	Education Code, Title III, Section 88.501	Conducts engineering and technology research with a focus on interdisciplinary research. Research highlights include: energy, water, manufacturing, and the environment.	\$ 239,356,955	\$ 239,880,584	\$ 34,742,101	\$ 35,962,900	880.0	880.0
Texas A&M Transportation Institute (TTI)	Education Code, Title III, Section 88.603 & 88.803	Identifies and solves transportation problems through research. Develops and implements new technologies for current and future transportation needs. Works closely with the Texas Department of Transportation, as well as local and regional transportation agencies across the state.	\$ 118,330,085	\$ 120,086,455	\$ 4,310,847	\$ 17,211,511	434.7	434.7
Texas A&M Engineering Extension Service (TEEX)	Education Code, Title III, Section 88.501	Provides training, technical assistance, and emergency response to enhance public safety and security. Texas Task Force 1 is deployed for emergency response and search and rescue operations.	\$ 154,336,526	\$ 152,130,356	\$ 15,639,833	\$ 16,009,906	555.2	555.2
Texas A&M Forest Service (TFS)	Education Code, Title III, Section 88.102	Provides wildfire prevention, detection, and suppression services. The Texas Wildfire Protection Plan is the agency's wildfire response model.	\$ 115,072,569	\$ 113,175,193	\$ 107,382,441	\$ 105,261,131	558.2	558.2
Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL)	Education Code, Title III, Section 88.708	Provides fee-based veterinary medical diagnostic services and drug testing services which contributes to an animal and zoonotic disease surveillance system. Responds to potential high consequence and/or emerging disease events.	\$ 38,078,151	\$ 37,480,410	\$ 17,763,126	\$ 17,843,568	165.0	165.0
Total			\$938,879,412	\$937,542,516	\$374,523,050	\$388,242,018	4,611.90	4,611.90

Section 3

Texas A&M AgriLife Research
Performance Measure Highlights - House

		Expended 2013	Estimated 2014	Budgeted 2015	Recommended 2016	Recommended 2017
•	Number of Feed and Fertilizer Samples Analyzed by the Agricultural Analytical Services Laboratory	19,872	6,458	8,700	8,700	8,700
	Measure Explanation: Measures the number of feed and fertilizer samples analyzed during the year as a measure of regulatory activity. Figure in FY13 reflects aflatoxin sample testing that was done by AgriLife Research for only that year. Decrease in FY14 reflects the sample testing now being done by the manufacturer.					

Section 4

AgriLife Research
Performance Review and Policy Report Highlights - House

Reports & Recommendations	Savings/ (Cost)	Gain/ (Loss)	Fund Type	Included in Introduced Bill	Action Required During Session
---------------------------	--------------------	-----------------	--------------	--------------------------------	--------------------------------

NO RELATED RECOMMENDATIONS

Section 5

**Texas A&M AgriLife Research
Rider Highlights - House**

None

Section 6

Texas A&M AgriLife Research
Items not Included in Recommendations - House

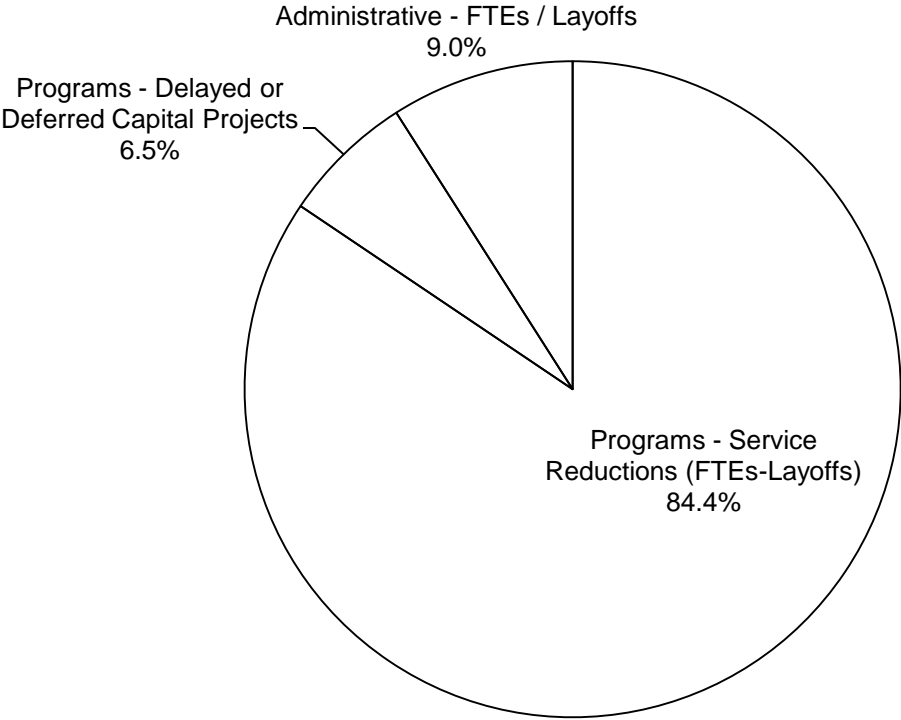
Agency Exceptional Items Not Included - In Agency Priority Order	2016-17 Biennial Total	
	GR & GR-Dedicated	All Funds
1. Controlling Exotic and Invasive Insect-Transmitted Pathogens General Revenue funding for 2 FTEs to develop and recruit scientists to combat disease, to develop methods of control for insects and pathogens, and to assist in the commercialization of these discoveries.	\$ 6,000,000	\$ 6,000,000
2. Advanced Remote Sensing and Precision Systems for Natural Resources General Revenue funding for 3 FTEs for remote sensing platforms to manage natural resource systems such as water, livestock, wildlife, and crops through a partnership with Texas A&M Engineering Experiment Station (TEES).	\$ 6,000,000	\$ 6,000,000
3. Improving Crops and Turf by Accelerated Breeding General Revenue funding for 2 FTEs for genetic marker assisted breeding for plants in food, fiber, and ornamental production.	\$ 10,000,000	\$ 10,000,000
Total, Items Not Included in the Recommendations	<u>\$ 22,000,000</u>	<u>\$ 22,000,000</u>

Section 7

Texas A&M AgriLife Research
Summary of 10 Percent Biennial Base Reduction Options - House

Biennial Reduction Amounts								
Priority	Item	Description/Impact	GR and GR-Dedicated	All Funds	FTEs	Potential Revenue Loss	Reduction as % of Program GR/GR-D Total	Included in Intro Bill?
1	Indirect Administration	The reduction would reduce Indirect Administration and represents a decrease in 3.4 FTEs.	\$430,982	\$430,982	3.4	\$0	0.5%	No
2	Infrastructure Outside Brazos County	The reduction would reduce funding for preventive maintenance on laboratory buildings and other facilities around the state.	\$311,596	\$311,596		\$0	0.4%	No
3	Research Programs	The reduction would impact overall research programs and research locations. Scientist and staff positions may be reduced.	\$4,027,352	\$4,027,352	46.4	\$0	4.9%	No
4	Indirect Administration	The reduction would reduce an additional 3.4 FTEs in Indirect Administration.	\$430,982	\$430,982	3.4	\$0	0.5%	No
5	Infrastructure Outside Brazos County	The reduction would reduce funding for additional maintenance and repair for infrastructure outside Brazos County.	\$311,596	\$311,596		\$0	0.4%	No
6	Research Programs	The reduction would reduce an additional 46.4 FTEs for research programs.	\$4,027,348	\$4,027,348	46.4	\$0	4.9%	No
TOTAL, 10% Reduction Options			\$9,539,856	\$9,539,856	99.6	\$0		

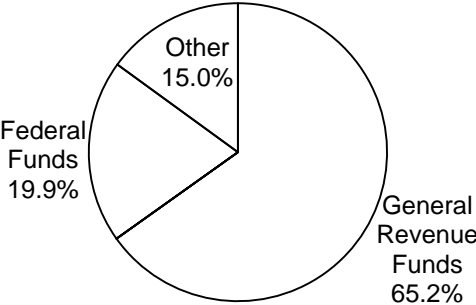
Texas A&M AgriLife Research
Summary of 10 Percent Biennial Base Reduction Options - House
Agency 10% Reduction Options by Category of Reduction



Section 1

Method of Financing	2014-15 Base	2016-17 Recommended	Biennial Change	% Change
General Revenue Funds	\$86,619,858	\$87,108,474	\$488,616	0.6%
GR Dedicated Funds	\$0	\$0	\$0	0.0%
Total GR-Related Funds	\$86,619,858	\$87,108,474	\$488,616	0.6%
Federal Funds	\$26,549,828	\$26,549,828	\$0	0.0%
Other	\$20,052,596	\$20,044,042	(\$8,554)	(0.0%)
All Funds	\$133,222,282	\$133,702,344	\$480,062	0.4%

RECOMMENDED FUNDING
BY METHOD OF FINANCING

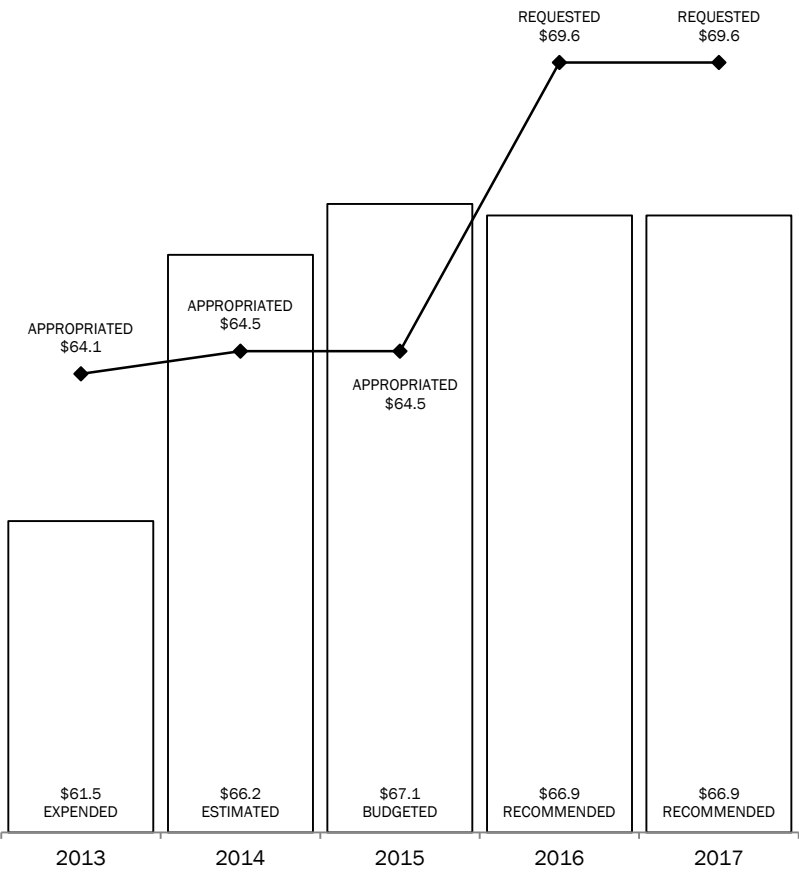


The bill pattern for this agency (2016-17 Recommended) represents an estimated 52% of the agency's estimated total available funds for the 2016-17 biennium.

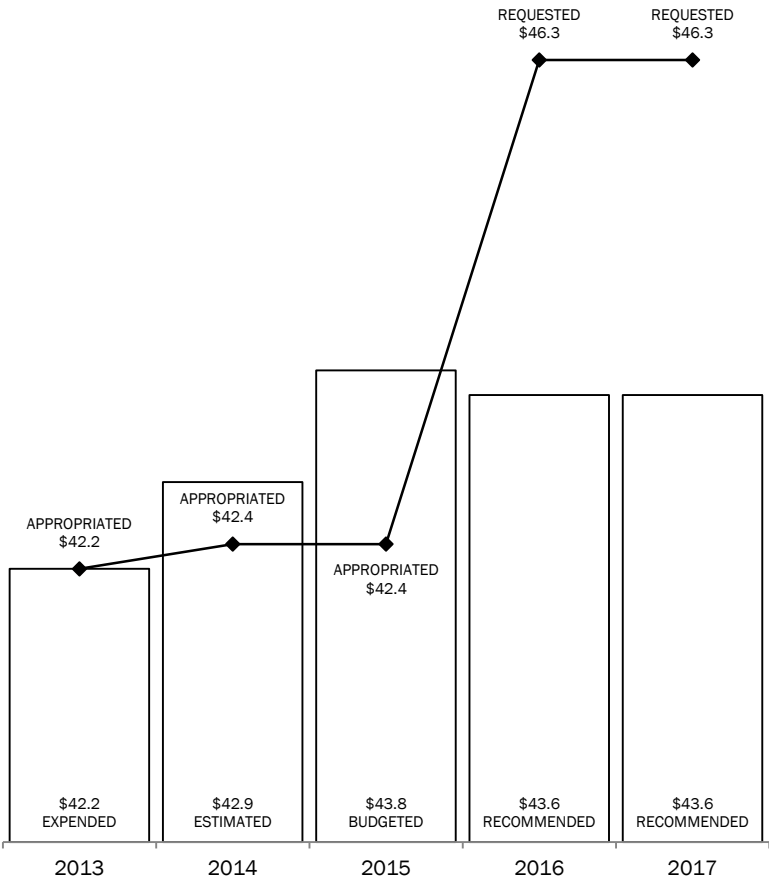
Section 1
Texas A&M AgriLife Extension Service
2016-2017 BIENNIUM
IN MILLIONS

TOTAL= \$133.8 MILLION

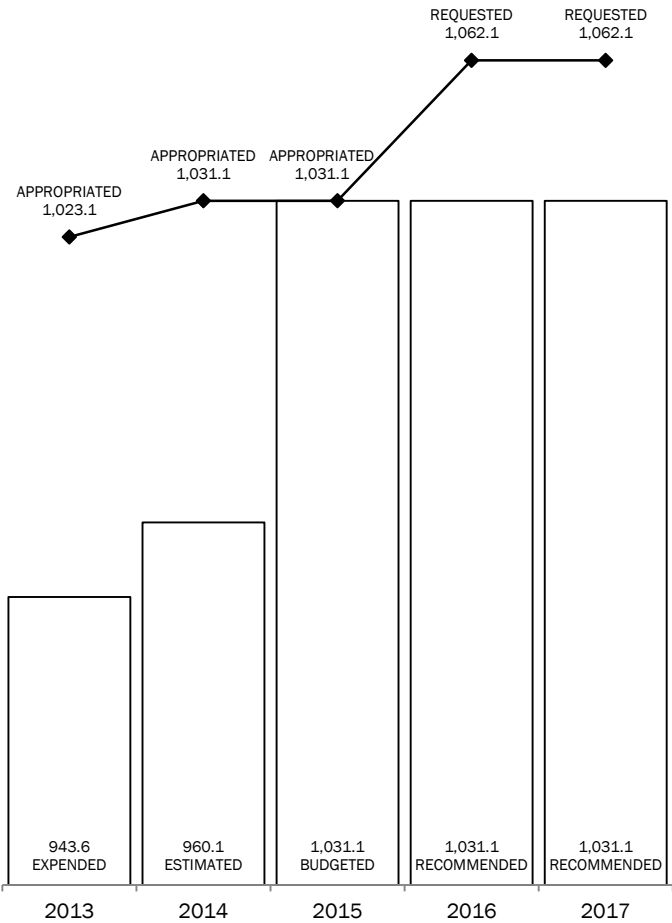
ALL FUNDS



GENERAL REVENUE AND
GENERAL REVENUE-DEDICATED FUNDS



FULL-TIME-EQUIVALENT POSITIONS



Section 2

Texas A&M AgriLife Extension Service					
Summary of Recommendations - House, By Method of Finance -- ALL FUNDS					
Strategy/Goal	2014-15 Base	2016-17 Recommended	Biennial Change	% Change	Comments
HEALTH AND SAFETY EDUCATION A.1.1	\$23,076,626	\$23,233,272	\$156,646	0.7%	
Total, Goal A, HEALTH AND SAFETY EDUCATION	\$23,076,626	\$23,233,272	\$156,646	0.7%	
EXTEND ED ON AG, NAT RES & ECON DEV B.1.1	\$68,558,123	\$69,023,478	\$465,355	0.7%	
Total, Goal B, AGRICULTURE AND NATURAL RESOURCES	\$68,558,123	\$69,023,478	\$465,355	0.7%	
LEADERSHIP DEVELOPMENT C.1.1	\$24,789,580	\$24,957,780	\$168,200	0.7%	
Total, Goal C, LEADERSHIP DEVELOPMENT	\$24,789,580	\$24,957,780	\$168,200	0.7%	
WILDLIFE MANAGEMENT D.1.1	\$5,669,380	\$5,669,380	\$0	0.0%	
Total, Goal D, WILDLIFE MANAGEMENT	\$5,669,380	\$5,669,380	\$0	0.0%	
STAFF GROUP INSURANCE E.1.1	\$2,722,725	\$2,762,962	\$40,237	1.5%	
WORKERS' COMP INSURANCE E.1.2	\$371,691	\$377,184	\$5,493	1.5%	
UNEMPLOYMENT INSURANCE E.1.3	\$68,608	\$69,252	\$644	0.9%	
OASI E.1.4	\$562,245	\$571,120	\$8,875	1.6%	
Total, Goal E, STAFF BENEFITS	\$3,725,269	\$3,780,518	\$55,249	1.5%	
INDIRECT ADMINISTRATION F.1.1	\$4,678,786	\$4,720,036	\$41,250	0.9%	
INFRASTRUCTURE SUPPORT IN BRAZOS CO F.1.2	\$1,221,918	\$1,224,522	\$2,604	0.2%	
INFRASTRUCT SUPP OUTSIDE BRAZOS CO F.1.3	\$1,502,600	\$1,093,358	(\$409,242)	(27.2%)	Recommendations include a \$409,242 decrease in General Revenue related to a reallocation between A&M System agencies for infrastructure support outside Brazos County. The reallocation reflects a proportional allocation methodology based on actual square feet.
Total, Goal F, INDIRECT ADMINISTRATION	\$7,403,304	\$7,037,916	(\$365,388)	(4.9%)	
Grand Total, All Strategies	\$133,222,282	\$133,702,344	\$480,062	0.4%	Recommendations include an increase of \$895,254 in General Revenue related to the biennialization of the 2014-15 salary increase. Finally, the recommendations reflect a \$8,554 decrease in Interagency Contracts from 2014-15.

Section 3a

Texas A&M Agrilife Extension Service
Selected Fiscal and Policy Issues - House

Infrastructure Support

1. Section 50 of the Special Provisions Relating Only to State Agencies of Higher Education provides that funding at Texas A&M System agencies for infrastructure support inside Brazos County is calculated using the Texas A&M University General Revenue rate. Funding amounts are adjusted to align with the formula funding decisions for the General Academic Institutions. Currently, infrastructure support inside Brazos County for the Texas A&M System agencies is funded at the 2014-15 base levels.
2. Funding for infrastructure support outside Brazos County includes a new methodology based on actual square footage. General Revenue funding for infrastructure support outside Brazos County is equal to 2014-15 funding levels and is proportionally allocated to each agency by its respective percentage of total square footage. 2014-15 appropriated amounts in this table may differ from base amounts in Section 2 due to funding reallocations by the agencies.

Recommended Infrastructure Support for Outside Brazos County (General Revenue)

Institution	2014-15 Appropriated	Actual Square Footage	Percentage of Actual Square Footage	2016-17 Appropriated	2014-15 to 2016-17 Increase/ (Decrease)
556 Texas AgriLife Research (TAR)	\$6,231,926	1,123,511	67.34%	\$6,296,812	\$64,886
555 Texas AgriLife Extension Service (TAEX)	\$1,502,600	195,083	11.69%	\$1,093,358	\$(409,242)
712 Texas Engineering Experiment Station (TEES)	\$0	286	0.02%	\$1,602	\$1,602
727 Texas Transportation Institute (TTI)	\$0	36,258	2.17%	\$203,210	\$203,210
716 Texas Engineering Extension Service (TEEX)	\$0	56,353	3.38%	\$315,836	\$315,836
576 Texas Forest Service (TFS)	\$1,465,814	231,986	13.91%	\$1,300,185	\$(165,629)
557 Texas Veterinary Medical Diagnostic Laboratory (TVMDL)	\$149,781	24,822	1.49%	\$139,116	\$(10,665)
Total	\$9,350,121	1,668,299	100.00%	\$9,350,121	\$0

Section 3b

Statutory Authority		Mission & Functions	2014-15 Base All Funds	2016-17 Rec. All Funds	2014-2015 Base GR/GR-D	2016-17 Rec. GR/GR-D	2014 Level FTEs	2016-17 Rec. FTEs
Texas A&M AgriLife Research (TAR)	Education Code, Title III, Section 88.201	Conducts research in the agricultural, environmental, and life sciences. Goals include enhancing the competitiveness of agricultural industries and natural resource conservation. AgriLife Research administers the honey bee regulation and feed and fertilizer programs. Research highlights include: ecosystem research, conservation, and sustainable agriculture.	\$ 140,482,844	\$ 141,087,174	\$ 108,064,844	\$ 108,844,528	987.7	987.7
Texas A&M AgriLife Extension Service (TAEX)	Education Code, Title III, Section 88.822	Provides training and educational programs including 4-H through county extension agents. Extension agents are supported by federal, state, and county funding. AgriLife Extension also provides wildlife and insect management services including feral hog abatement and boll weevil eradication.	\$ 133,222,282	\$ 133,702,344	\$ 86,619,858	\$ 87,108,474	1031.1	1031.1
Texas A&M Engineering Experiment Station (TEES)	Education Code, Title III, Section 88.501	Conducts engineering and technology research with a focus on interdisciplinary research. Research highlights include: energy, water, manufacturing, and the environment.	\$ 239,356,955	\$ 239,880,584	\$ 34,742,101	\$ 35,962,900	880.0	880.0
Texas A&M Transportation Institute (TTI)	Education Code, Title III, Section 88.603 & 88.803	Identifies and solves transportation problems through research. Develops and implements new technologies for current and future transportation needs. Works closely with the Texas Department of Transportation, as well as local and regional transportation agencies across the state.	\$ 118,330,085	\$ 120,086,455	\$ 4,310,847	\$ 17,211,511	434.7	434.7
Texas A&M Engineering Extension Service (TEEX)	Education Code, Title III, Section 88.501	Provides training, technical assistance, and emergency response to enhance public safety and security. Texas Task Force 1 is deployed for emergency response and search and rescue operations.	\$ 154,336,526	\$ 152,130,356	\$ 15,639,833	\$ 16,009,906	555.2	555.2
Texas A&M Forest Service (TFS)	Education Code, Title III, Section 88.102	Provides wildfire prevention, detection, and suppression services. The Texas Wildfire Protection Plan is the agency's wildfire response model.	\$ 115,072,569	\$ 113,175,193	\$ 107,382,441	\$ 105,261,131	558.2	558.2
Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL)	Education Code, Title III, Section 88.708	Provides fee-based veterinary medical diagnostic services and drug testing services which contributes to an animal and zoonotic disease surveillance system. Responds to potential high consequence and/or emerging disease events.	\$ 38,078,151	\$ 37,480,410	\$ 17,763,126	\$ 17,843,568	165.0	165.0
Total			\$938,879,412	\$937,542,516	\$374,523,050	\$388,242,018	4,611.90	4,611.90

Section 3c

Texas A&M AgriLife Extension
Performance Measure Highlights - House

		Expended 2013	Estimated 2014	Budgeted 2015	Recommended 2016	Recommended 2017
•	Health and Safety Education: Direct Teaching Exposures	4,015,929	4,065,269	3,500,000	3,500,000	3,500,000
	Measure Explanation: Measures cumulative total of reported direct teaching exposures for the quarter.					
•	Agriculture and Natural Resources: Direct Teaching Exposures	15,270,817	10,887,527	10,364,226	10,364,226	10,364,226
	Measure Explanation: Measures cumulative total of reported direct teaching exposures for the quarter.					

Agency notes that the decline in FY13 for both measures is related to utilizing more accurate measurement of online teaching contacts with Google Analytics software.

Section 4

AgriLife Extension Service
Performance Review and Policy Report Highlights - House

Reports & Recommendations	Savings/ (Cost)	Gain/ (Loss)	Fund Type	Included in Introduced Bill	Action Required During Session
---------------------------	--------------------	-----------------	--------------	--------------------------------	--------------------------------

NO RELATED RECOMMENDATIONS

Section 5

Texas A&M AgriLife Extension Service
Rider Highlights - House

None

Section 6

Texas A&M AgriLife Extension Service
Items not Included in Recommendations - House

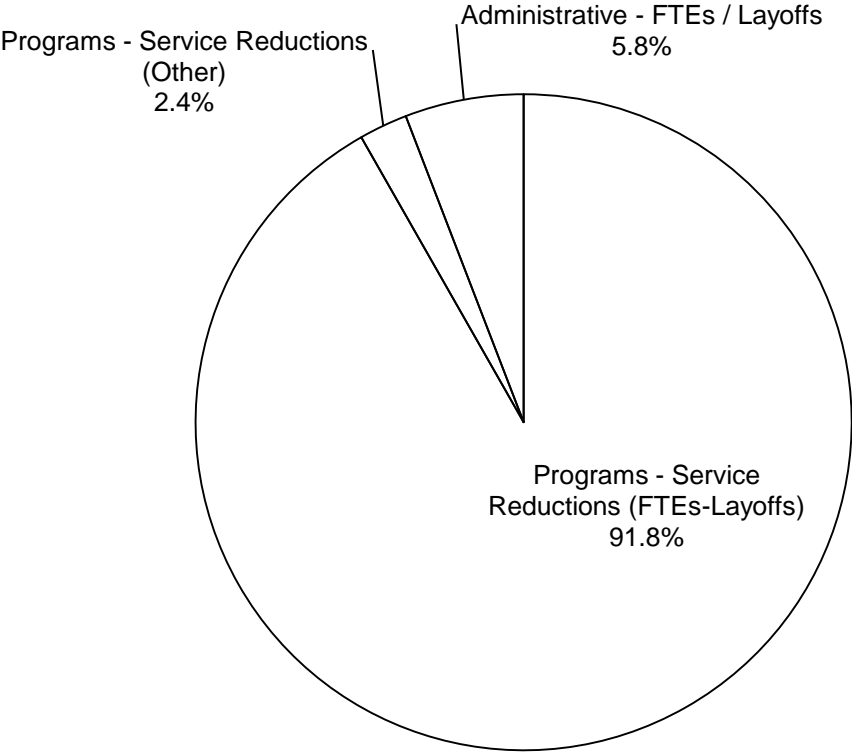
Agency Exceptional Items Not Included - In Agency Priority Order	2016-17 Biennial Total	
	GR & GR-Dedicated	All Funds
1. Invest in Youth through 4-H: Increasing Opportunities for the Next Generation of Texas Leaders General Revenue funding for 21 FTEs to support the agency with volunteer outreach and expanding partnership network to densely populated areas.	\$ 3,000,000	\$ 3,000,000
2. Safeguard the State Economy and Environment by Strengthening Texas Drought Readiness and Response General Revenue funding for 10 FTEs to support the agency with resource development including online course support and multi-lingual materials for drought awareness, preparedness, and response.	\$ 2,000,000	\$ 2,000,000
Total, Items Not Included in the Recommendations	<u>\$ 5,000,000</u>	<u>\$ 5,000,000</u>

Section 7

Texas A&M AgriLife Extension Service
Summary of 10 Percent Biennial Base Reduction Options - House

Biennial Reduction Amounts								
Priority	Item	Description/Impact	GR and GR-Dedicated	All Funds	FTEs	Potential Revenue Loss	Reduction as % of Program GR/GR-D Total	Included in Intro Bill?
1	Reduce Operations	The reduction would reduce operating costs and reduce travel impacting the ability of educators to deliver programs to local clients in agriculture, family and consumer sciences, and youth development.	\$200,000	\$200,000		\$0	0.3%	No
2	Reduce Indirect Administration Salaries and Wages	The reduction would reduce indirect administration salaries and wages with an impact on fiscal services, risk and compliance, and human resource operations.	\$244,532	\$244,532	2.5	\$0	5.5%	No
3	Reduce Programmatic Salaries and Wages	The reduction would reduce programmatic outreach by 6,693 group meetings and 923,152 direct teaching contacts. The agency would also train 4,942 master volunteers with a 247,068 reduction in teaching contacts. Finally, the County Commissioners Court funding that supports extension educators would be reduced by \$721,500.	\$3,735,839	\$3,735,839	58.5	\$1,443,000	4.7%	No
4	Reduce Indirect Administration Salaries and Wages	The reduction would reduce fiscal services, risk and compliance, and human resource operations with further impact on background checks, export controls and internal control, as well as oversight.	\$244,532	\$244,532	2.5	\$0	5.5%	No
5	Reduce Programmatic Salaries and Wages	The reduction would reduce programmatic outreach for education and technology transfer programs for agriculture, natural resources, wildlife services, family and consumer sciences, and youth development. The reduction is estimated to be 13,386 group meetings and 1,846,304 direct teaching contacts. The reduction would also result in 9,883 less master volunteers with 494,137 fewer direct teaching contacts. The County Commissioners Court funding reduction is estimated at \$1.4 million.	\$3,935,840	\$3,935,840	58.5	\$1,443,000	5.0%	No
TOTAL, 10% Reduction Options			<u>\$8,360,743</u>	<u>\$8,360,743</u>	<u>122.0</u>	<u>\$2,886,000</u>		

Texas A&M AgriLife Extension Service
Summary of 10 Percent Biennial Base Reduction Options - House
Agency 10% Reduction Options by Category of Reduction

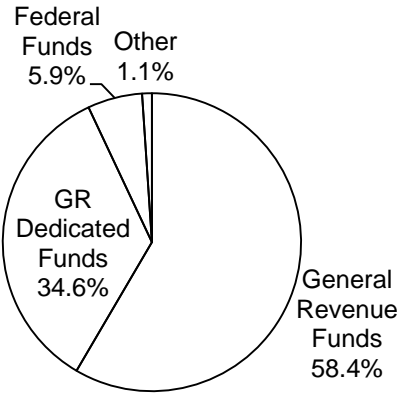


Section 1

Method of Financing	2014-15 Base	2016-17 Recommended	Biennial Change	% Change
General Revenue Funds	\$66,294,607	\$66,141,323	(\$153,284)	(0.2%)
GR Dedicated Funds	\$41,087,834	\$39,119,808	(\$1,968,026)	(4.8%)
Total GR-Related Funds	\$107,382,441	\$105,261,131	(\$2,121,310)	(2.0%)
Federal Funds	\$6,542,916	\$6,718,322	\$175,406	2.7%
Other	\$1,147,212	\$1,195,740	\$48,528	4.2%
All Funds	\$115,072,569	\$113,175,193	(\$1,897,376)	(1.6%)

	FY 2015 Budgeted	FY 2017 Recommended	Biennial Change	% Change
FTEs	558.2	558.2	0.0	0.0%

RECOMMENDED FUNDING
BY METHOD OF FINANCING

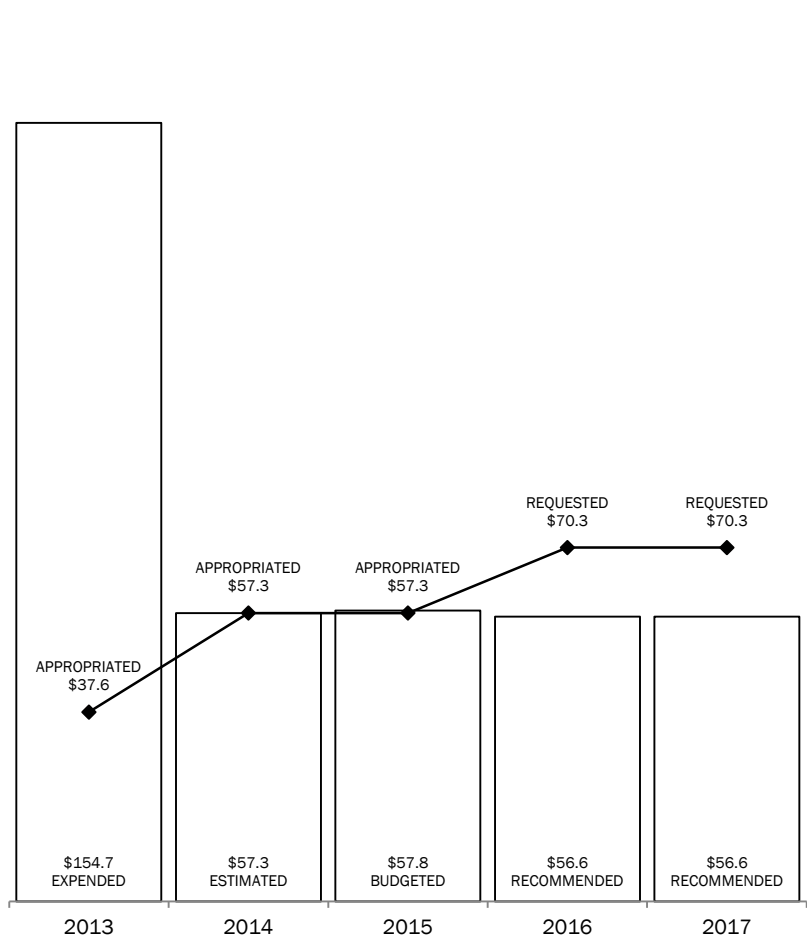


The bill pattern for this agency (2016-17 Recommended) represents an estimated 83.2% of the agency's estimated total available funds for the 2016-17 biennium.

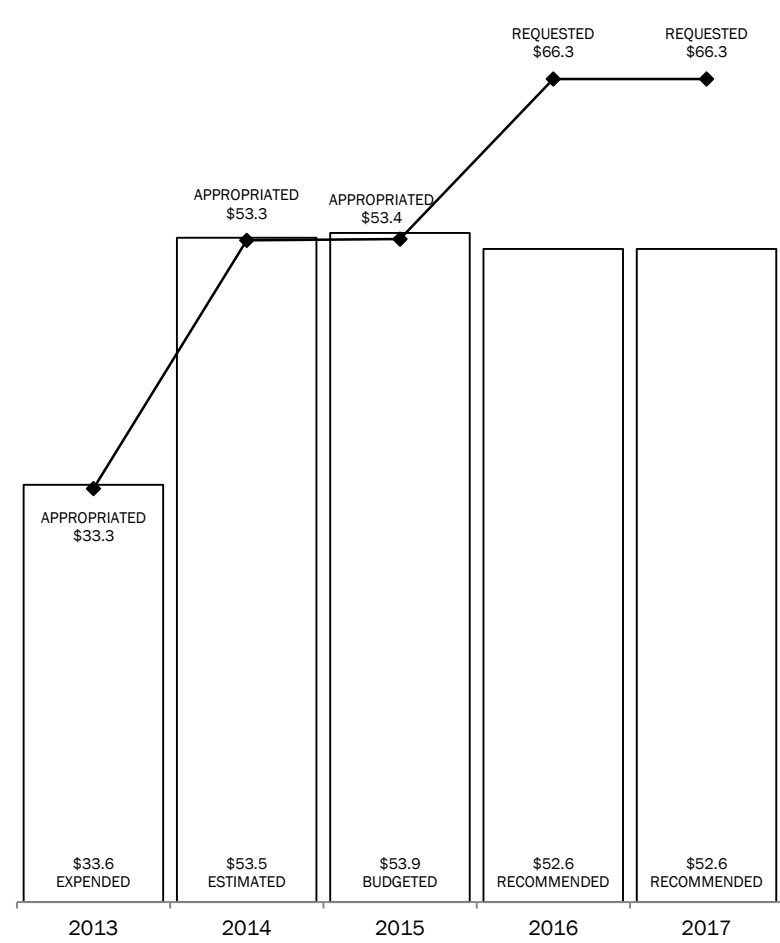
Section 1
Texas A&M Forest Service
2016-2017 BIENNIUM
IN MILLIONS

TOTAL= \$113.2 MILLION

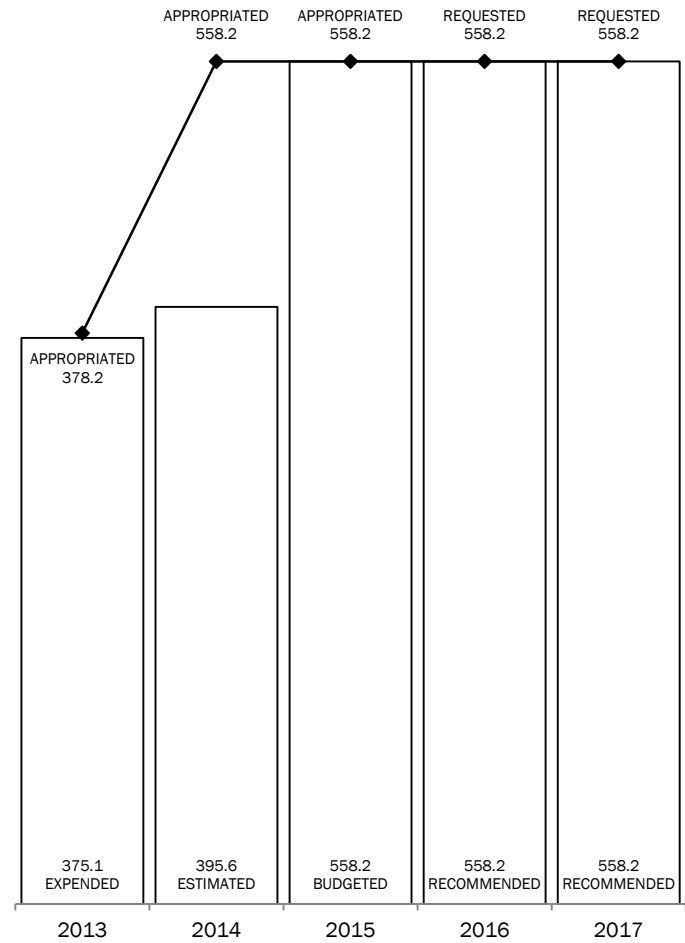
ALL FUNDS



GENERAL REVENUE AND
GENERAL REVENUE-DEDICATED FUNDS



FULL-TIME-EQUIVALENT POSITIONS



Section 2

Texas A&M Forest Service
Summary of Recommendations - House, By Method of Finance -- ALL FUNDS

Strategy/Goal	2014-15 Base	2016-17 Recommended	Biennial Change	% Change	Comments
FORESTRY LEADERSHIP A.1.1	\$11,787,870	\$12,288,382	\$500,512	4.2%	
FOREST / TREE RESOURCES ENHANCEMENT A.1.2	\$3,209,432	\$3,571,711	\$362,279	11.3%	
FOREST INSECTS AND DISEASES A.1.3	\$1,356,645	\$1,298,906	(\$57,739)	(4.3%)	
Total, Goal A, DEVELOP FOREST RESOURCES	\$16,353,947	\$17,158,999	\$805,052	4.9%	
TWPP - TFS OPERATIONS B.1.1	\$57,759,015	\$55,504,243	(\$2,254,772)	(3.9%)	Recommendations include a \$2,250,000 decrease in General Revenue related to deletion of Rider 9, 10 Strategic Reserve Modules funding and Rider 10, Webb County Firefighting Infrastructure and Vehicles (see Selected Fiscal and Policy Issues #1 and #2).
TWPP - VFD GRANTS B.1.2	\$29,484,512	\$29,484,512	\$0	0.0%	
TWPP - TIFMAS GRANTS B.1.3	\$2,000,000	\$2,000,000	\$0	0.0%	
WILDFIRE EMERGENCY FUNDS B.1.4	\$0	\$0	\$0	0.0%	
Total, Goal B, PROTECT FOREST RESOURCES	\$89,243,527	\$86,988,755	(\$2,254,772)	(2.5%)	
STAFF GROUP INSURANCE C.1.1	\$2,126,980	\$2,157,936	\$30,956	1.5%	
WORKERS' COMP INSURANCE C.1.2	\$353,292	\$354,576	\$1,284	0.4%	
UNEMPLOYMENT INSURANCE C.1.3	\$6,832	\$7,158	\$326	4.8%	
OASI C.1.4	\$549,371	\$562,242	\$12,871	2.3%	
HAZARDOUS DUTY PAY C.1.5	\$27,000	\$28,540	\$1,540	5.7%	
Total, Goal C, STAFF BENEFITS	\$3,063,475	\$3,110,452	\$46,977	1.5%	
INDIRECT ADMINISTRATION D.1.1	\$4,230,290	\$4,387,296	\$157,006	3.7%	
INFRASTRUCTURE SUPPORT IN BRAZOS CO D.1.2	\$584,444	\$229,506	(\$354,938)	(60.7%)	
INFRASTRUCT SUPP OUTSIDE BRAZOS CO D.1.3	\$1,596,886	\$1,300,185	(\$296,701)	(18.6%)	Recommendations include a decrease of \$165,629 in General Revenue for outside Brazos County infrastructure support as a result of the reallocation between A&M System agencies for infrastructure support outside Brazos County. The reallocation reflects a proportional allocation methodology based on actual square footage. Total difference from 2014-15 base reflects agency reallocation of funding between strategies in 2014-15.
Total, Goal D, INDIRECT ADMINISTRATION	\$6,411,620	\$5,916,987	(\$494,633)	(7.7%)	
Grand Total, All Strategies	\$115,072,569	\$113,175,193	(\$1,897,376)	(1.6%)	In addition to items listed above, recommendations include the following:

Section 2

Texas A&M Forest Service
Summary of Recommendations - House, By Method of Finance -- ALL FUNDS

Strategy/Goal	2014-15 Base	2016-17 Recommended	Biennial Change	% Change	Comments
					<ul style="list-style-type: none">• \$259,269 increase in General Revenue and \$31,974 in General Revenue-Dedicated to biennialize 2014-15 salary increases• Increase of \$175,406 in Federal Funds received through the USDA Forest Service• Increase of \$48,528 in Appropriated Receipts• \$2,000,000 increase in General Revenue and corresponding decrease in General Revenue Dedicated for TIFMAS (Texas Intrastate Fire Mutual Aid System); in accordance with Rider #6, these grants are appropriated in General Revenue Insurance Companies Maintenance Tax and Insurance Fees and then transferred and expended from General Revenue Dedicated Volunteer Fire Department Assistance Account 5064.

Section 3a

Texas A&M Forest Service Selected Fiscal and Policy Issues - House

1. Recommendations include deletion of Rider 9, 10 Strategic Reserve Modules, and a decrease in biennial General Revenue appropriations by \$750,000 related to the rider, as this was a one-time appropriation in 2014-15. This funding is to be used to establish these ten strategic geographic reserve modules containing fire suppression delivery equipment, which would then be used in coordination with local and regional fire authorities to establish a coordinated system of firefighting capability. According to the agency, development of these modules has not been completed but it is expected to be completed during fiscal year 2015.
2. Recommendations also include deletion of Rider 10, Webb County Firefighting Infrastructure and Vehicles, and a decrease in biennial General Revenue appropriations by \$1.5 million related to the rider, as this was a one-time appropriation in 2014-15. According to the agency, Webb County created a new fire department with General Revenue funding aimed at the specific needs for the county. Two pump tank trucks at \$291,000 each and one rescue truck at \$88,300 were awarded to the department. The remaining \$79,700 in General Revenue was used for related firefighting equipment.
3. Recommendations include modifying Rider 8, Rural Volunteer Fire Department Assistance Program, to limit to seven percent the amount of General Revenue-Dedicated Volunteer Fire Department Assistance Account No. 5064 appropriations that can be used for the administration of grants, to maximize General Revenue-Dedicated No. 5064 funding for grant awards. Currently statute limits administrative costs associated with the program to seven percent of total revenue collected in General Revenue-Dedicated Volunteer Fire Department Assistance Account No. 5064. Additionally, statute authorizes the Texas A&M Forest Service to expend up to \$5 million each year from the General Revenue-Dedicated Volunteer Fire Department Assistance Account No. 5064 for staffing and operating the Texas Wildfire Protection Plan, the statewide fire response and monitoring plan administered by the Texas A&M Forest Service.

House Bill 7, Eighty-third Legislature, Regular Session, authorizes the Comptroller to assess against insurers amounts necessary to collect a total equal to the lesser of the total amount appropriated from this account for that fiscal year or \$30 million.

4. LBB recommendations for the Texas Emergency Services Retirement System include a method of finance swap in 2016-17 from General Revenue to General Revenue-Dedicated Volunteer Fire Department (VFD) Assistance Account No. 5064 for the state's contribution to the Texas Emergency Services Retirement System of \$3.5 million. Revenue for the General Revenue-Dedicated Volunteer Fire Department Assistance Account No. 5064 is from an assessment applied to insurers who write property and casualty insurance policies for fire insurance and related lines, including residential property insurance.

Section 3a

General Revenue-Dedicated 5064, Volunteer Fire Department Assistance

	FY14	FY15
Beginning balance	\$81.8	\$93.4
Revenue	\$30.1	\$30.1
Appropriations (TFS)	\$18.5	\$18.5
Estimated Fund Balance	\$93.4	\$105.0

Source: LBB and the Comptroller’s Certified Revenue Estimate

Infrastructure Support

5. Section 50 of the Special Provisions Relating Only to State Agencies of Higher Education provides that funding at Texas A&M System agencies for infrastructure support inside Brazos County is calculated using the Texas A&M University General Revenue rate. Funding amounts are adjusted to align with the formula funding decisions for the General Academic Institutions. Currently, infrastructure support inside Brazos County for the Texas A&M System agencies is funded at the 2014-15 base levels.
6. Funding for infrastructure support outside Brazos County includes a new methodology based on actual square footage. General Revenue funding for infrastructure support outside Brazos County is equal to 2014-15 funding levels and is proportionally allocated to each agency by its respective percentage of total square footage. 2014-15 appropriated amounts in this table may differ from base amounts in Section 2 due to funding reallocations by the agencies.

Recommended Infrastructure Support for Outside Brazos County (General Revenue)

Institution		2014-15 Appropriated	Actual Square Footage	Percentage of Actual Square Footage	2016-17 Recommendations	2014-15 to 2016-17 Increase/ (Decrease)
556	Texas AgriLife Research (TAR)	\$6,231,926	1,123,511	67.34%	\$6,296,812	\$64,886
555	Texas AgriLife Extension Service (TAEX)	\$1,502,600	195,083	11.69%	\$1,093,358	\$(409,242)
712	Texas Engineering Experiment Station (TEES)	\$0	286	0.02%	\$1,602	\$1,602
727	Texas Transportation Institute (TTI)	\$0	36,258	2.17%	\$203,210	\$203,210
716	Texas Engineering Extension Service (TEEX)	\$0	56,353	3.38%	\$315,836	\$315,836
576	Texas Forest Service (TFS)	\$1,465,814	231,986	13.91%	\$1,300,185	\$(165,629)
557	Texas Veterinary Medical Diagnostic Laboratory (TVMDL)	\$149,781	24,822	1.49%	\$139,116	\$(10,665)
Total		\$9,350,121	1,668,299	100%	\$9,350,121	\$0

Section 3b

Statutory Authority		Mission & Functions	2014-15 Base All Funds	2016-17 Rec. All Funds	2014-2015 Base GR/GR-D	2016-17 Rec. GR/GR-D	2014 Level FTEs	2016-17 Rec. FTEs
Texas A&M AgriLife Research (TAR)	Education Code, Title III, Section 88.201	Conducts research in the agricultural, environmental, and life sciences. Goals include enhancing the competitiveness of agricultural industries and natural resource conservation. AgriLife Research administers the honey bee regulation and feed and fertilizer programs. Research highlights include: ecosystem research, conservation, and sustainable agriculture.	\$ 140,482,844	\$ 141,087,174	\$ 108,064,844	\$ 108,844,528	987.7	987.7
Texas A&M AgriLife Extension Service (TAEX)	Education Code, Title III, Section 88.822	Provides training and educational programs including 4-H through county extension agents. Extension agents are supported by federal, state, and county funding. AgriLife Extension also provides wildlife and insect management services including feral hog abatement and boll weevil eradication.	\$ 133,222,282	\$ 133,702,344	\$ 86,619,858	\$ 87,108,474	1031.1	1031.1
Texas A&M Engineering Experiment Station (TEES)	Education Code, Title III, Section 88.501	Conducts engineering and technology research with a focus on interdisciplinary research. Research highlights include: energy, water, manufacturing, and the environment.	\$ 239,356,955	\$ 239,880,584	\$ 34,742,101	\$ 35,962,900	880.0	880.0
Texas A&M Transportation Institute (TTI)	Education Code, Title III, Section 88.603 & 88.803	Identifies and solves transportation problems through research. Develops and implements new technologies for current and future transportation needs. Works closely with the Texas Department of Transportation, as well as local and regional transportation agencies across the state.	\$ 118,330,085	\$ 120,086,455	\$ 4,310,847	\$ 17,211,511	434.7	434.7
Texas A&M Engineering Extension Service (TEEX)	Education Code, Title III, Section 88.501	Provides training, technical assistance, and emergency response to enhance public safety and security. Texas Task Force 1 is deployed for emergency response and search and rescue operations.	\$ 154,336,526	\$ 152,130,356	\$ 15,639,833	\$ 16,009,906	555.2	555.2
Texas A&M Forest Service (TFS)	Education Code, Title III, Section 88.102	Provides wildfire prevention, detection, and suppression services. The Texas Wildfire Protection Plan is the agency's wildfire response model.	\$ 115,072,569	\$ 113,175,193	\$ 107,382,441	\$ 105,261,131	558.2	558.2
Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL)	Education Code, Title III, Section 88.708	Provides fee-based veterinary medical diagnostic services and drug testing services which contributes to an animal and zoonotic disease surveillance system. Responds to potential high consequence and/or emerging disease events.	\$ 38,078,151	\$ 37,480,410	\$ 17,763,126	\$ 17,843,568	165.0	165.0
Total			\$938,879,412	\$937,542,516	\$374,523,050	\$388,242,018	4,611.90	4,611.90

Section 4

Texas Forest Service
Performance Review and Policy Report Highlights - House

Reports & Recommendations	Savings/ (Cost)	Gain/ (Loss)	Fund Type	Included in Introduced Bill	Action Required During Session
Reduce Reliance on General Revenue-Dedicated Accounts for Certification					
<i>This report fulfills House Bill 7, Eighty-third Legislature, 2013, requirements relating to the reduction of reliance on available dedicated revenue for certification of the General Appropriations Act. The report provides an overview of the issue and includes recommendations and options to reduce reliance on General Revenue-Dedicated Accounts, including dedicated revenue appropriated to the Texas Forest Service.</i>					

Section 5

**Texas A&M Forest Service
Rider Highlights - House**

- 7. (Modify) **Rural Volunteer Fire Department Assistance Program (Wildfire Protection Plan)**. Recommendation includes modifying rider to limit to seven percent the amount of General Revenue-Dedicated Volunteer Fire Department Assistance Account No. 5064 appropriations that can be used for the administration of grants, to maximize General Revenue-Dedicated No. 5064 for grants.

- 9. (Delete) **10 Strategic Reserve Modules**. Recommendation includes deletion of rider and a decrease in biennial General Revenue appropriations by \$750,000 related to the rider, as item was a one-time appropriation in 2014-15.

- 10. (Delete) **Webb County Firefighting Infrastructure and Vehicles**. Recommendation includes deletion of rider and decrease in biennial General Revenue appropriations by \$1.5 million related to the rider, as item was a one-time appropriation in 2014-15.

Section 6

Texas A&M Forest Service
Items not Included in Recommendations - House

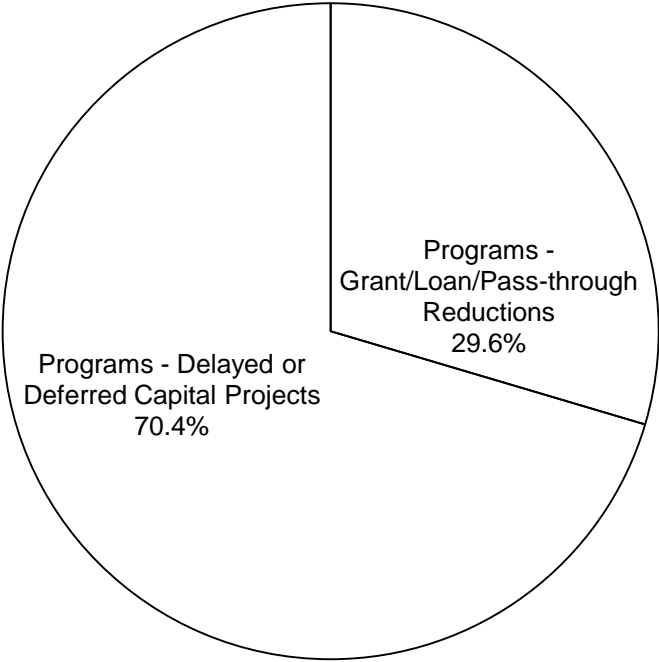
Agency Exceptional Items Not Included - In Agency Priority Order		2016-17 Biennial Total	
		GR & GR-Dedicated	All Funds
1. Texas Wildfire Protection Plan - VFD Grants		\$ 23,000,000	\$ 23,000,000
General Revenue funding for grants to rural volunteer fire departments. The request is for an increase in the number of grants which are to be used for equipment.			
2. Texas Wildfire Protection Plan - TIFMAS Grants		\$ 2,000,000	\$ 2,000,000
General Revenue funding for grants for fire departments other than volunteer departments.			
Total, Items Not Included in the Recommendations		\$ 25,000,000	\$ 25,000,000

Section 7

Texas A&M Forest Service
Summary of 10 Percent Biennial Base Reduction Options - House

Biennial Reduction Amounts								
Priority	Item	Description/Impact	GR and GR-Dedicated	All Funds	FTEs	Potential Revenue Loss	Reduction as % of Program GR/GR-D Total	Included in Intro Bill?
1	Reduce TWPP Equipment Purchases	The reduction would reduce replacement of dozer and transport trucks for East Texas, according to the agency.	\$3,747,599	\$3,747,599		\$2,560,187	6.6%	No
2	Reduce Fire Department Grants	The reduction would reduce grant assistance provided to volunteer fire departments including training, equipment, and insurance for fire departments.	\$1,574,650	\$1,574,650		\$1,475,000	5.1%	No
3	Reduce TWPP Equipment Purchases	The reduction would further reduce replacement of dozer and transport trucks for the agency.	\$3,747,600	\$3,747,600		\$2,560,187	6.6%	No
4	Reduce Fire Department Grants	The reduction would further reduce grant assistance to volunteer fire departments.	\$1,574,650	\$1,574,650		\$1,475,000	5.1%	No
TOTAL, 10% Reduction Options			\$10,644,499	\$10,644,499		\$8,070,374		

Texas A&M Forest Service
Summary of 10 Percent Biennial Base Reduction Options - House
Agency 10% Reduction Options by Category of Reduction



Section 1

Texas A&M Veterinary Medical Diagnostic Laboratory
Summary of Recommendations - House

Page: III-232
Dr.Bruce Akey, Director

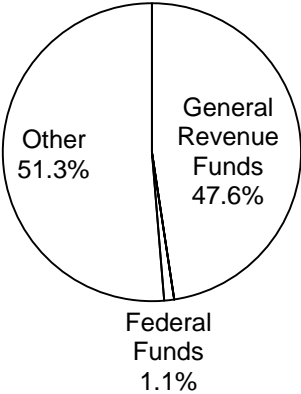
Demetrio Hernandez, LBB Analyst

Method of Financing	2014-15 Base	2016-17 Recommended	Biennial Change	% Change
General Revenue Funds	\$17,763,126	\$17,843,568	\$80,442	0.5%
GR Dedicated Funds	\$0	\$0	\$0	0.0%
Total GR-Related Funds	\$17,763,126	\$17,843,568	\$80,442	0.5%
Federal Funds	\$384,000	\$404,000	\$20,000	5.2%
Other	\$19,931,025	\$19,232,842	(\$698,183)	(3.5%)
All Funds	\$38,078,151	\$37,480,410	(\$597,741)	(1.6%)

	FY 2015 Budgeted	FY 2017 Recommended	Biennial Change	% Change
FTEs	165.0	165.0	0.0	0.0%

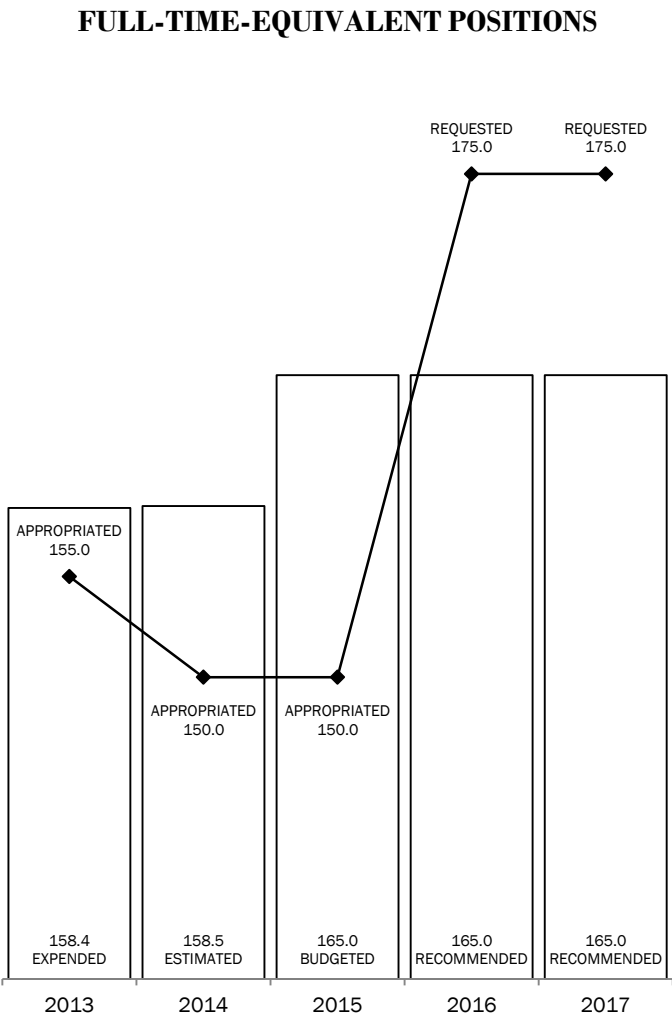
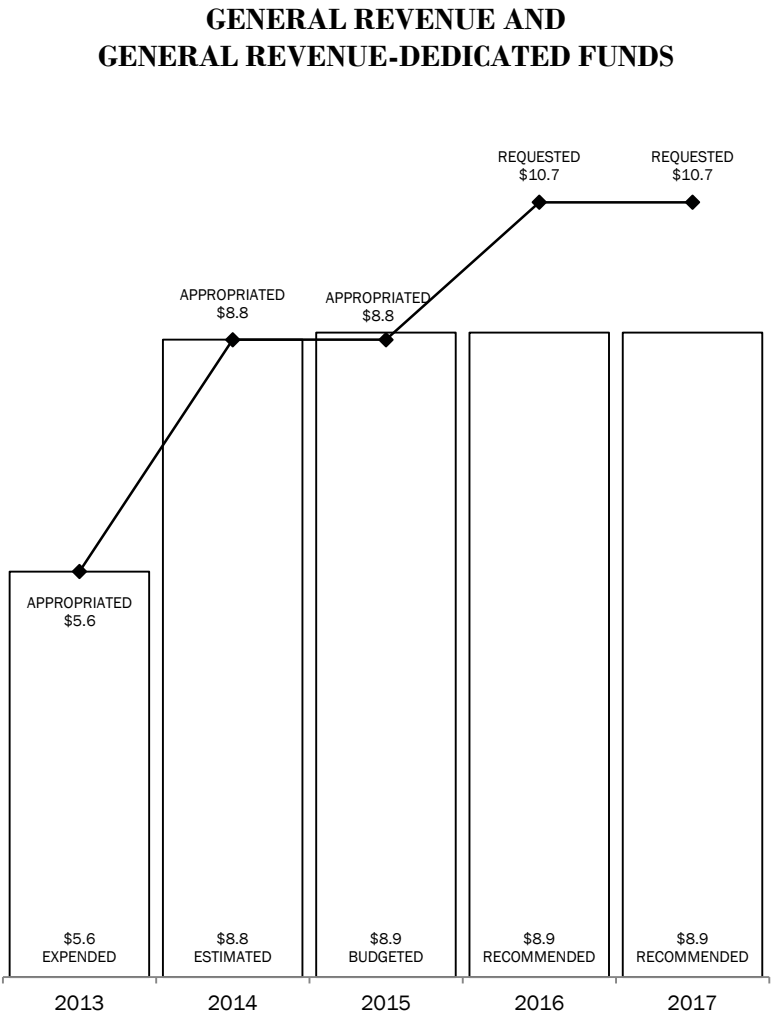
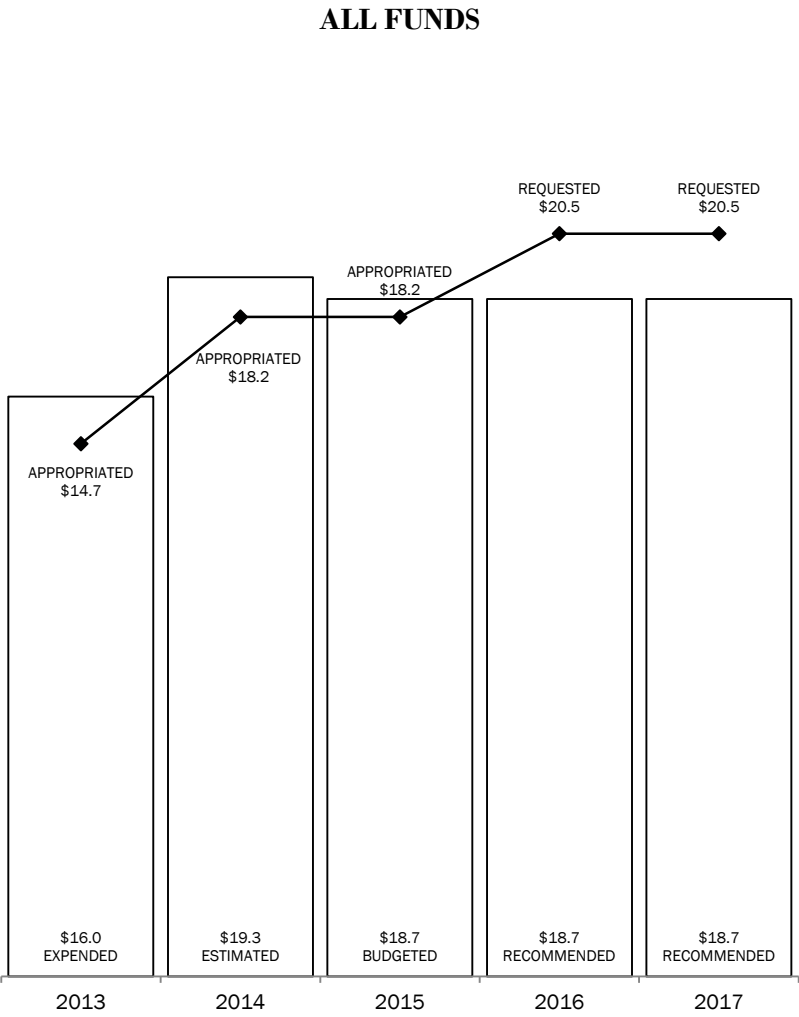
The bill pattern for this agency (2016-17 Recommended) represents an estimated 94.6% of the agency's estimated total available funds for the 2016-17 biennium.

RECOMMENDED FUNDING
BY METHOD OF FINANCING



Section 1
Texas A&M Veterinary Medical Diagnostic Laboratory
2016-2017 BIENNIUM
IN MILLIONS

TOTAL= \$37.4 MILLION



Section 2

Texas A&M Veterinary Medical Diagnostic Laboratory
Summary of Recommendations - House, By Method of Finance -- ALL FUNDS

Strategy/Goal	2014-15 Base	2016-17 Recommended	Biennial Change	% Change	Comments
DIAGNOSTIC SERVICES A.1.1	\$22,238,278	\$21,737,598	(\$500,680)	(2.3%)	
DRUG TESTING SERVICE A.2.1	\$2,379,930	\$2,128,064	(\$251,866)	(10.6%)	
Total, Goal A, DIAGNOSTIC AND DRUG TESTING	\$24,618,208	\$23,865,662	(\$752,546)	(3.1%)	
STAFF GROUP INSURANCE B.1.1	\$1,499,220	\$1,542,094	\$42,874	2.9%	
WORKERS' COMP INSURANCE B.1.2	\$17,042	\$16,818	(\$224)	(1.3%)	
UNEMPLOYMENT INSURANCE B.1.3	\$8,072	\$7,966	(\$106)	(1.3%)	
OASI B.1.4	\$771,393	\$780,520	\$9,127	1.2%	
OPTIONAL RETIREMENT PROGRAM B.1.5	\$7,714	\$7,600	(\$114)	(1.5%)	
Total, Goal B, STAFF BENEFITS	\$2,303,441	\$2,354,998	\$51,557	2.2%	
INDIRECT ADMINISTRATION C.1.1	\$2,852,682	\$2,857,248	\$4,566	0.2%	
INFRASTRUCTURE SUPPORT IN BRAZOS CO C.1.2	\$1,913,979	\$2,028,008	\$114,029	6.0%	
INFRASTRUCT SUPP OUTSIDE BRAZOS CO C.1.3	\$389,841	\$374,494	(\$15,347)	(3.9%)	Recommendations include a \$10,665 decrease in General Revenue related to a reallocation between A&M System agencies for infrastructure support outside Brazos County. The reallocation reflects a proportional allocation methodology based on actual square feet. Recommendations for this strategy also reflect a decrease in Other Funds (discussed below).
DEBT SERVICE - COLLEGE STATION C.2.1	\$6,000,000	\$6,000,000	\$0	0.0%	
Total, Goal C, INDIRECT ADMINISTRATION	\$11,156,502	\$11,259,750	\$103,248	0.9%	
Grand Total, All Strategies	\$38,078,151	\$37,480,410	(\$597,741)	(1.6%)	Recommendations reflect an estimated decrease of \$698,183 in anticipated Veterinary Medical Diagnostic Fee Revenue (Other Funds), offset by an increase of \$20,000 in anticipated Federal funds and a \$64,762 increase in General Revenue to biennialize the 2014-15 salary increase.

Texas A&M Veterinary Medical Diagnostic Laboratory
Selected Fiscal and Policy Issues - House

Infrastructure Support

- 1. Section 50 of the Special Provisions Relating Only to State Agencies of Higher Education provides that funding at Texas A&M System agencies for infrastructure support inside Brazos County is calculated using the Texas A&M University General Revenue rate. Funding amounts are adjusted to align with the formula funding decisions for the General Academic Institutions. Currently, infrastructure support inside Brazos County for the Texas A&M System agencies is funded at the 2014-15 base levels.
- 2. Funding for infrastructure support outside Brazos County includes a new methodology based on actual square footage. General Revenue funding for infrastructure support outside Brazos County is equal to 2014-15 funding levels and is proportionally allocated to each agency by its respective percentage of total square footage. 2014-15 appropriated amounts in this table may differ from base amounts in Section 2 due to funding reallocations by the agencies.

Recommended Infrastructure Support for Outside Brazos County (General Revenue)

Institution	2014-15 Appropriated	Actual Square Footage	Percentage of Actual Square Footage	2016-17 Appropriated	2014-15 to 2016-17 Increase/ (Decrease)
556 Texas AgriLife Research (TAR)	\$6,231,926	1,123,511	67.34%	\$6,296,812	\$64,886
555 Texas AgriLife Extension Service (TAEX)	\$1,502,600	195,083	11.69%	\$1,093,358	\$(409,242)
712 Texas Engineering Experiment Station (TEES)	\$0	286	0.02%	\$1,602	\$1,602
727 Texas Transportation Institute (TTI)	\$0	36,258	2.17%	\$203,210	\$203,210
716 Texas Engineering Extension Service (TEEX)	\$0	56,353	3.38%	\$315,836	\$315,836
576 Texas Forest Service (TFS)	\$1,465,814	231,986	13.91%	\$1,300,185	\$(165,629)
557 Texas Veterinary Medical Diagnostic Laboratory (TVMDL)	\$149,781	24,822	1.49%	\$139,116	\$(10,665)
Total	\$9,350,121	1,668,299	100.00%	\$9,350,121	\$0

Section 3b

Statutory Authority		Mission & Functions	2014-15 Base All Funds	2016-17 Rec. All Funds	2014-2015 Base GR/GR-D	2016-17 Rec. GR/GR-D	2014 Level FTEs	2016-17 Rec. FTEs
Texas A&M AgriLife Research (TAR)	Education Code, Title III, Section 88.201	Conducts research in the agricultural, environmental, and life sciences. Goals include enhancing the competitiveness of agricultural industries and natural resource conservation. AgriLife Research administers the honey bee regulation and feed and fertilizer programs. Research highlights include: ecosystem research, conservation, and sustainable agriculture.	\$ 140,482,844	\$ 141,087,174	\$ 108,064,844	\$ 108,844,528	987.7	987.7
Texas A&M AgriLife Extension Service (TAEX)	Education Code, Title III, Section 88.822	Provides training and educational programs including 4-H through county extension agents. Extension agents are supported by federal, state, and county funding. AgriLife Extension also provides wildlife and insect management services including feral hog abatement and boll weevil eradication.	\$ 133,222,282	\$ 133,702,344	\$ 86,619,858	\$ 87,108,474	1031.1	1031.1
Texas A&M Engineering Experiment Station (TEES)	Education Code, Title III, Section 88.501	Conducts engineering and technology research with a focus on interdisciplinary research. Research highlights include: energy, water, manufacturing, and the environment.	\$ 239,356,955	\$ 239,880,584	\$ 34,742,101	\$ 35,962,900	880.0	880.0
Texas A&M Transportation Institute (TTI)	Education Code, Title III, Section 88.603 & 88.803	Identifies and solves transportation problems through research. Develops and implements new technologies for current and future transportation needs. Works closely with the Texas Department of Transportation, as well as local and regional transportation agencies across the state.	\$ 118,330,085	\$ 120,086,455	\$ 4,310,847	\$ 17,211,511	434.7	434.7
Texas A&M Engineering Extension Service (TEEX)	Education Code, Title III, Section 88.501	Provides training, technical assistance, and emergency response to enhance public safety and security. Texas Task Force 1 is deployed for emergency response and search and rescue operations.	\$ 154,336,526	\$ 152,130,356	\$ 15,639,833	\$ 16,009,906	555.2	555.2
Texas A&M Forest Service (TFS)	Education Code, Title III, Section 88.102	Provides wildfire prevention, detection, and suppression services. The Texas Wildfire Protection Plan is the agency's wildfire response model.	\$ 115,072,569	\$ 113,175,193	\$ 107,382,441	\$ 105,261,131	558.2	558.2
Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL)	Education Code, Title III, Section 88.708	Provides fee-based veterinary medical diagnostic services and drug testing services which contributes to an animal and zoonotic disease surveillance system. Responds to potential high consequence and/or emerging disease events.	\$ 38,078,151	\$ 37,480,410	\$ 17,763,126	\$ 17,843,568	165.0	165.0
Total			\$938,879,412	\$937,542,516	\$374,523,050	\$388,242,018	4,611.90	4,611.90

Section 3c

Texas A&M Veterinary Medical Diagnostic Laboratory
Performance Measure Highlights - House

		Expended 2013	Estimated 2014	Budgeted 2015	Recommended 2016	Recommended 2017
•	Number of Diagnostic Services Rendered	724,358	640,112	652,914	665,973	679,292
Measure Explanation: Measures the number of disease diagnostic cases submitted and examined by Texas A&M Veterinary Medical Diagnostic Laboratory in a year. Figure in FY14 reflects a decrease in submissions due to the drought and the number of services provided to USDA as a result of budget reductions at the federal level.						

Section 4

Veterinary Medical Diagnostic Laboratory
Performance Review and Policy Report Highlights - House

Reports & Recommendations	Savings/ (Cost)	Gain/ (Loss)	Fund Type	Included in Introduced Bill	Action Required During Session
---------------------------	--------------------	-----------------	--------------	--------------------------------	--------------------------------

NO RELATED RECOMMENDATIONS

Section 5

**Texas A&M Veterinary Medical Diagnostic Laboratory
Rider Highlights - House**

None

Section 6

Texas A&M Veterinary Medical Diagnostic Laboratory
Items not Included in Recommendations - House

Agency Exceptional Items Not Included - In Agency Priority Order

1. Veterinary Diagnostic Residency Program
- General Revenue funding for the agency to work with the Texas A&M College of Veterinary Medicine and Biomedical Sciences to expand veterinary residency programs and training opportunities. Funding provides for 10 additional FTEs, including 6 residents per year and 4 faculty and professional staff members to TVMDL and the College of Veterinary Medicine. Funding would also provide for new equipment for veterinary diagnostic medicine and veterinary public health.

Total, Items Not Included in the Recommendations

2016-17 Biennial Total			
GR & GR-Dedicated		All Funds	
\$	3,500,000	\$	3,500,000
\$	3,500,000	\$	3,500,000

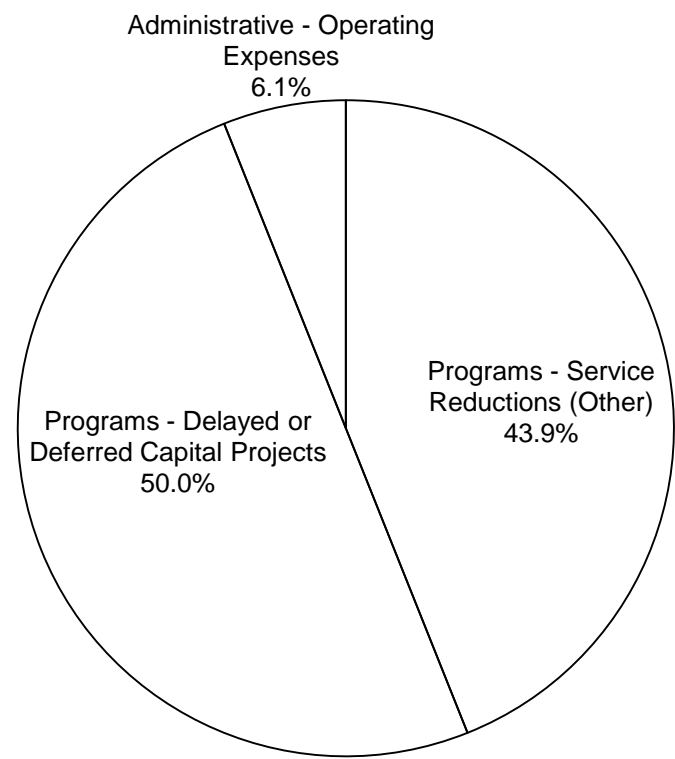
Section 7

Texas A&M Veterinary Medical Diagnostic Laboratory
Summary of 10 Percent Biennial Base Reduction Options - House

Biennial Reduction Amounts								Included in Intro Bill?
Priority	Item	Description/Impact	GR and GR-Dedicated	All Funds	FTEs	Potential Revenue Loss	Reduction as % of Program GR/GR-D Total	
1	Equipment Purchases	The reduction would defer laboratory and other equipment capital purchases. The impact would also be for livestock, poultry, and companion animal testing.	\$528,897	\$528,897		\$0	5.5%	No
2	Operating Costs and Travel	The reduction would reduce operating costs and reduce travel.	\$64,000	\$64,000		\$0	0.7%	No
3	Attrition of Employees	Elimination of 4.0 FTEs and the agency would not fill positions that become vacant in FY2016.	\$464,896	\$464,896	4.0	\$0	4.8%	No
TOTAL, 10% Reduction Options			\$1,057,793	\$1,057,793	4.0	\$0		

Texas A&M Veterinary Medical Diagnostic Laboratory
Summary of 10 Percent Biennial Base Reduction Options

Agency 10% Reduction Options by Category of Reduction



Section 1

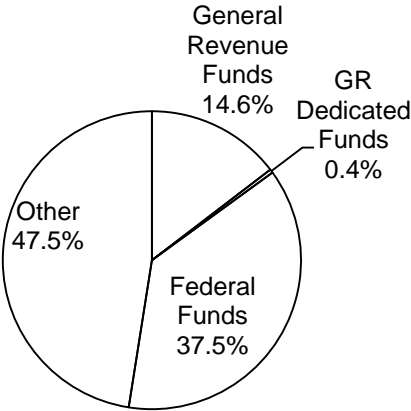
Texas A&M Engineering Experiment Station
Summary of Recommendations - House

Page: III-223
Dr. Katherine Banks, Director

Demetrio Hernandez, LBB Analyst

Method of Financing	2014-15 Base	2016-17 Recommended	Biennial Change	% Change
General Revenue Funds	\$33,824,560	\$35,038,814	\$1,214,254	3.6%
GR Dedicated Funds	\$917,541	\$924,086	\$6,545	0.7%
Total GR-Related Funds	\$34,742,101	\$35,962,900	\$1,220,799	3.5%
Federal Funds	\$98,467,832	\$89,954,656	(\$8,513,176)	(8.6%)
Other	\$106,147,022	\$113,963,028	\$7,816,006	7.4%
All Funds	\$239,356,955	\$239,880,584	\$523,629	0.2%

RECOMMENDED FUNDING
BY METHOD OF FINANCING



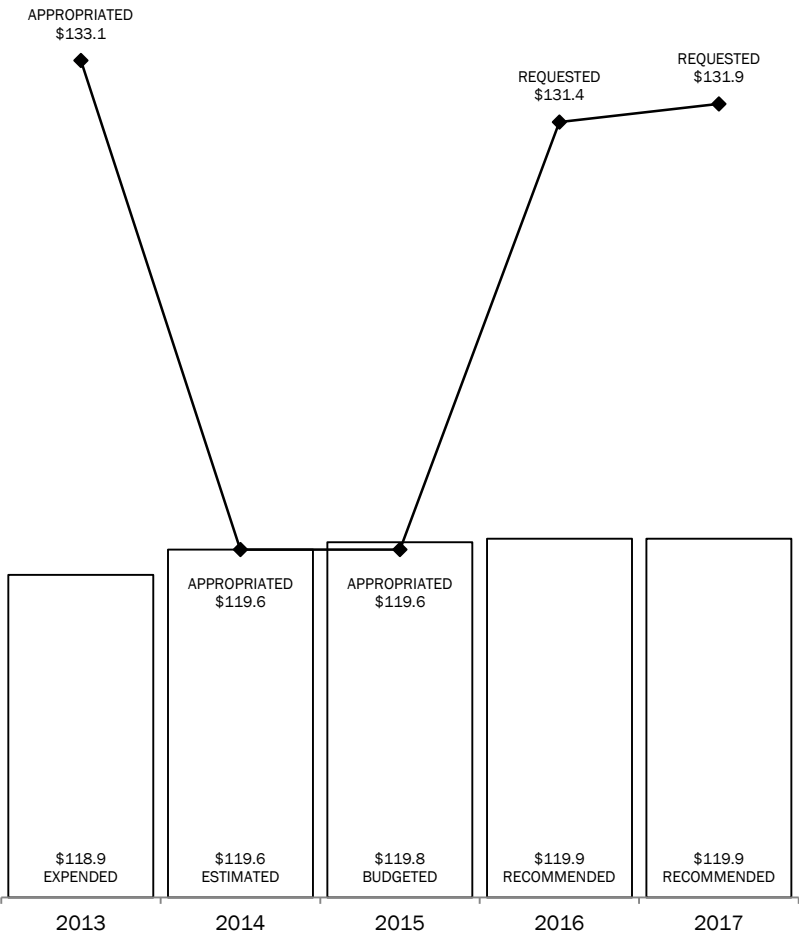
	FY 2015 Budgeted	FY 2017 Recommended	Biennial Change	% Change
FTEs	880.0	880.0	0.0	0.0%

The bill pattern for this agency (2016-17 Recommended) represents an estimated 86.9% of the agency's estimated total available funds for the 2016-17 biennium.

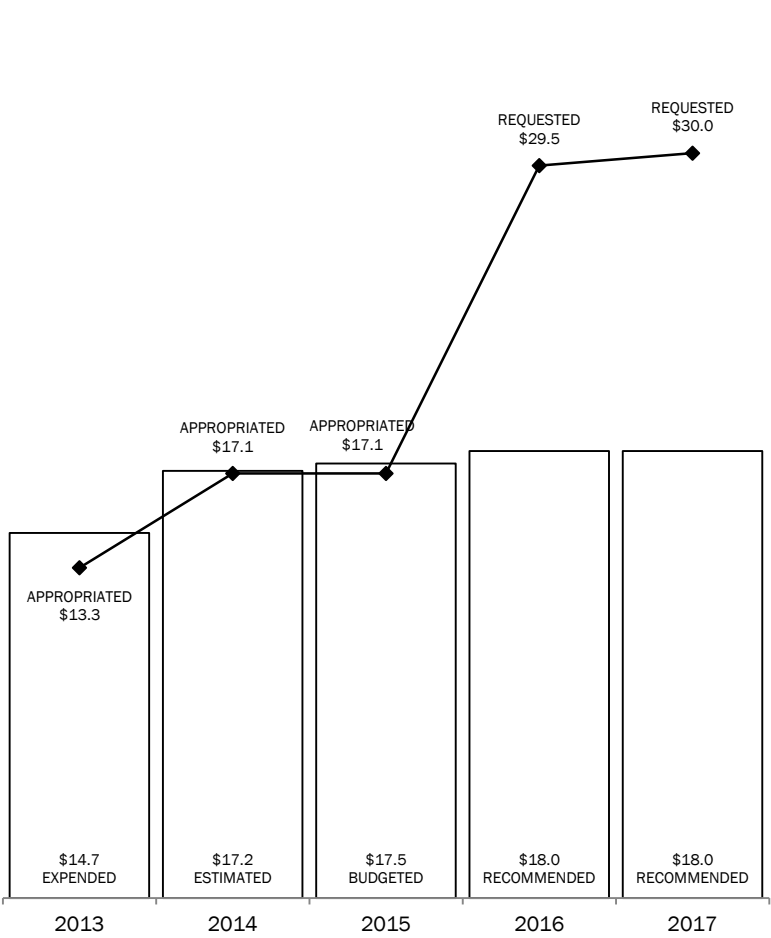
Section 1
Texas A&M Engineering Experiment Station
2016-2017 BIENNIUM
IN MILLIONS

TOTAL= \$239.8 MILLION

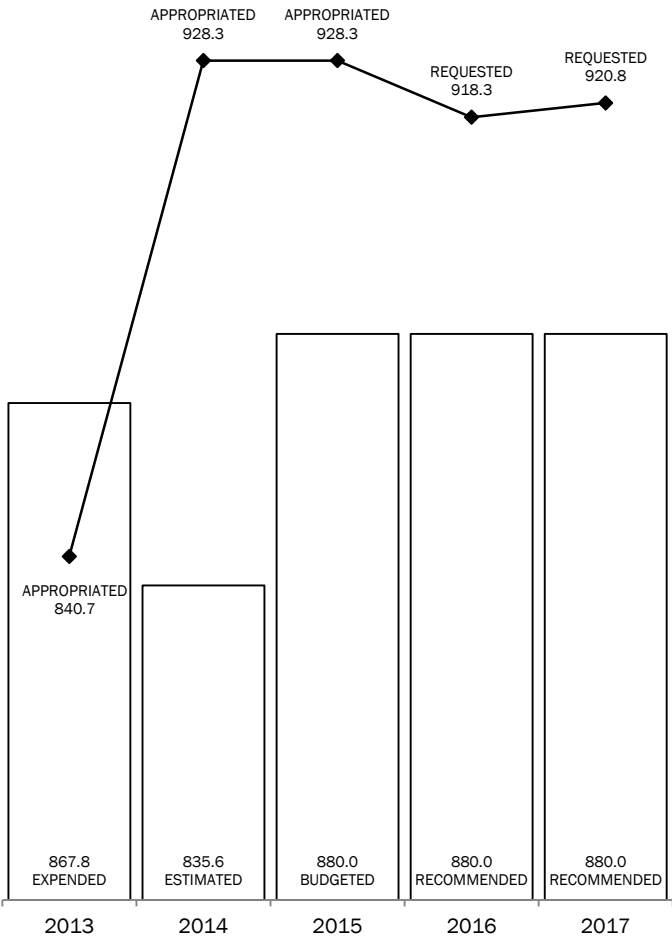
ALL FUNDS



GENERAL REVENUE AND
GENERAL REVENUE-DEDICATED FUNDS



FULL-TIME-EQUIVALENT POSITIONS



Section 2

Texas A&M Engineering Experiment Station
Summary of Recommendations - House, By Method of Finance -- ALL FUNDS

Strategy/Goal	2014-15 Base	2016-17 Recommended	Biennial Change	% Change	Comments
RESEARCH DIVISIONS A.1.1	\$146,686,881	\$154,685,862	\$7,998,981	5.5%	
MULTI-INSTITUTIONAL OUTREACH A.1.2	\$54,207,940	\$52,103,106	(\$2,104,834)	(3.9%)	
TECHNOLOGY TRANSFER A.2.1	\$1,350,424	\$1,080,000	(\$270,424)	(20.0%)	
EDUCATIONAL PROGRAMS A.3.1	\$9,953,596	\$7,170,436	(\$2,783,160)	(28.0%)	
Total, Goal A, ENGINEERING RESEARCH	\$212,198,841	\$215,039,404	\$2,840,563	1.3%	
STAFF GROUP INSURANCE B.1.1	\$4,956,916	\$4,816,798	(\$140,118)	(2.8%)	
WORKERS' COMP INSURANCE B.1.2	\$49,968	\$52,080	\$2,112	4.2%	
UNEMPLOYMENT INSURANCE B.1.3	\$59,252	\$62,410	\$3,158	5.3%	
OASI B.1.4	\$2,559,526	\$2,599,572	\$40,046	1.6%	
OPTIONAL RETIREMENT PROGRAM B.1.5	\$106,206	\$108,780	\$2,574	2.4%	
Total, Goal B, STAFF BENEFITS	\$7,731,868	\$7,639,640	(\$92,228)	(1.2%)	
INDIRECT ADMINISTRATION C.1.1	\$5,863,704	\$6,381,316	\$517,612	8.8%	
INFRASTRUCTURE SUPPORT C.1.2	\$13,562,542	\$10,818,622	(\$2,743,920)	(20.2%)	
INFRASTRUC SUPP-OUTSIDE BRAZOS CNTY C.1.3	\$0	\$1,602	\$1,602	100.0%	Recommendations include a \$1,602 increase in General Revenue associated with a reallocation between the A&M System agencies for infrastructure support for outside Brazos County.
Total, Goal C, INDIRECT ADMINISTRATION	\$19,426,246	\$17,201,540	(\$2,224,706)	(11.5%)	
Grand Total, All Strategies	\$239,356,955	\$239,880,584	\$523,629	0.2%	Recommendations include an increase of \$1.0 million in General Revenue related to the Nuclear Power Institute, as well as an increase of \$250,051 in General Revenue and General Revenue-Dedicated related to the biennialized 2014-15 salary increase. Recommendations also reflect a decrease of approximately \$8,513,176 in anticipated Federal Funds, which includes a reduction of \$4,816,482 associated with the ARPA Energy Financial Assistance Program, \$1,647,124 associated with the Centers for Homeland Security, as well as reductions in numerous other federal programs. Finally, recommendations include an increase of \$7,816,006 in Other Funds.

Texas A&M Engineering Experiment Station
Selected Fiscal and Policy Issues - House

Infrastructure Support

- 1. Section 50 of the Special Provisions Relating Only to State Agencies of Higher Education provides that funding at Texas A&M System agencies for infrastructure support inside Brazos County is calculated using the Texas A&M University General Revenue rate. Funding amounts are adjusted to align with the formula funding decisions for the General Academic Institutions. Currently, infrastructure support inside Brazos County for the Texas A&M System agencies is funded at the 2014-15 base levels.
- 2. Funding for infrastructure support outside Brazos County includes a new methodology based on actual square footage. General Revenue funding for infrastructure support outside Brazos County is equal to 2014-15 funding levels and is proportionally allocated to each agency by its respective percentage of total square footage. 2014-15 appropriated amounts in this table may differ from base amounts in Section 2 due to funding reallocations by the agencies.

Recommended Infrastructure Support for Outside Brazos County (General Revenue)

Institution	2014-15 Appropriated	Actual Square Footage	Percentage of Actual Square Footage	2016-17 Appropriated	2014-15 to 2016-17 Increase/ (Decrease)
556 Texas AgriLife Research (TAR)	\$6,231,926	1,123,511	67.34%	\$6,296,812	\$64,886
555 Texas AgriLife Extension Service (TAEX)	\$1,502,600	195,083	11.69%	\$1,093,358	\$(409,242)
712 Texas Engineering Experiment Station (TEES)	\$0	286	0.02%	\$1,602	\$1,602
727 Texas Transportation Institute (TTI)	\$0	36,258	2.17%	\$203,210	\$203,210
716 Texas Engineering Extension Service (TEEX)	\$0	56,353	3.38%	\$315,836	\$315,836
576 Texas Forest Service (TFS)	\$1,465,814	231,986	13.91%	\$1,300,185	\$(165,629)
557 Texas Veterinary Medical Diagnostic Laboratory (TVMDL)	\$149,781	24,822	1.49%	\$139,116	\$(10,665)
Total	\$9,350,121	1,668,299	100.00%	\$9,350,121	\$0

Section 3b

Statutory Authority		Mission & Functions	2014-15 Base All Funds	2016-17 Rec. All Funds	2014-2015 Base GR/GR-D	2016-17 Rec. GR/GR-D	2014 Level FTEs	2016-17 Rec. FTEs
Texas A&M AgriLife Research (TAR)	Education Code, Title III, Section 88.201	Conducts research in the agricultural, environmental, and life sciences. Goals include enhancing the competitiveness of agricultural industries and natural resource conservation. AgriLife Research administers the honey bee regulation and feed and fertilizer programs. Research highlights include: ecosystem research, conservation, and sustainable agriculture.	\$ 140,482,844	\$ 141,087,174	\$ 108,064,844	\$ 108,844,528	987.7	987.7
Texas A&M AgriLife Extension Service (TAEX)	Education Code, Title III, Section 88.822	Provides training and educational programs including 4-H through county extension agents. Extension agents are supported by federal, state, and county funding. AgriLife Extension also provides wildlife and insect management services including feral hog abatement and boll weevil eradication.	\$ 133,222,282	\$ 133,702,344	\$ 86,619,858	\$ 87,108,474	1031.1	1031.1
Texas A&M Engineering Experiment Station (TEES)	Education Code, Title III, Section 88.501	Conducts engineering and technology research with a focus on interdisciplinary research. Research highlights include: energy, water, manufacturing, and the environment.	\$ 239,356,955	\$ 239,880,584	\$ 34,742,101	\$ 35,962,900	880.0	880.0
Texas A&M Transportation Institute (TTI)	Education Code, Title III, Section 88.603 & 88.803	Identifies and solves transportation problems through research. Develops and implements new technologies for current and future transportation needs. Works closely with the Texas Department of Transportation, as well as local and regional transportation agencies across the state.	\$ 118,330,085	\$ 120,086,455	\$ 4,310,847	\$ 17,211,511	434.7	434.7
Texas A&M Engineering Extension Service (TEEX)	Education Code, Title III, Section 88.501	Provides training, technical assistance, and emergency response to enhance public safety and security. Texas Task Force 1 is deployed for emergency response and search and rescue operations.	\$ 154,336,526	\$ 152,130,356	\$ 15,639,833	\$ 16,009,906	555.2	555.2
Texas A&M Forest Service (TFS)	Education Code, Title III, Section 88.102	Provides wildfire prevention, detection, and suppression services. The Texas Wildfire Protection Plan is the agency's wildfire response model.	\$ 115,072,569	\$ 113,175,193	\$ 107,382,441	\$ 105,261,131	558.2	558.2
Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL)	Education Code, Title III, Section 88.708	Provides fee-based veterinary medical diagnostic services and drug testing services which contributes to an animal and zoonotic disease surveillance system. Responds to potential high consequence and/or emerging disease events.	\$ 38,078,151	\$ 37,480,410	\$ 17,763,126	\$ 17,843,568	165.0	165.0
Total			\$938,879,412	\$937,542,516	\$374,523,050	\$388,242,018	4,611.90	4,611.90

Section 3c

Texas A&M Engineering Experiment Station
FTE Highlights - House

Full-Time-Equivalent Positions	Expended 2013	Estimated 2014	Budgeted 2015	Recommended 2016	Recommended 2017
Cap ¹	840.7	928.3	928.3	880.0	880.0
Actual/Budgeted	867.8	880.0	880.0	NA	NA
Schedule of Exempt Positions (Cap)					

¹Recommendations include a reduction of 39.5 Full-time Equivalent (FTE) positions from the current FTE cap of 928.3, in alignment with the agency’s request.

Section 4

Engineering Experiment Station
Performance Review and Policy Report Highlights - House

Reports & Recommendations	Savings/ (Cost)	Gain/ (Loss)	Fund Type	Included in Introduced Bill	Action Required During Session
---------------------------	--------------------	-----------------	--------------	--------------------------------	--------------------------------

NO RELATED RECOMMENDATIONS

Section 5

**Texas A&M Engineering Experiment Station
Rider Highlights - House**

None.

Section 6

Texas A&M Engineering Experiment Station
Items not Included in Recommendations - House

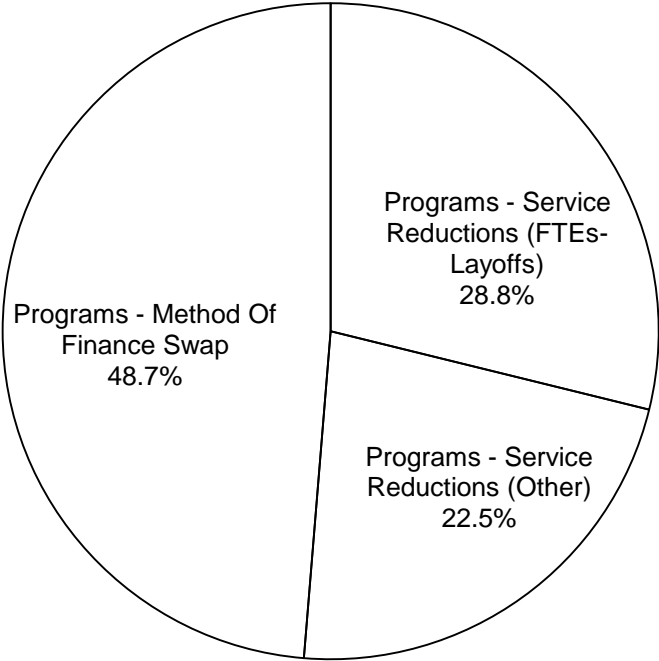
Agency Exceptional Items Not Included - In Agency Priority Order	2016-17 Biennial Total	
	GR & GR-Dedicated	All Funds
1. Cyber Advanced Manufacturing Initiative (CAMI) General Revenue funding for 15.5 FTEs in 2016 and 16 FTEs in 2017 and cybermanufacturing in San Antonio and cloud support in College Station for engineering product design and technology.	\$ 8,090,000	\$ 8,090,000
2. Center for Infrastructure Renewal General Revenue funding for new facility. Funding for biennium includes debt service for \$65,000,000 capital funding to be shared with Texas A&M Transportation Institute.	\$ 11,333,994	\$ 11,333,994
3. Elementary Engineering Education Academy (E3A) General Revenue funding for 14 FTEs in 2016 and 16 FTEs in 2017 for an online program to mentor 5000 elementary teachers and 500 school leaders in integrating engineering into curriculum for Pre-K through 5th grades.	\$ 5,000,000	\$ 5,000,000
Total, Items Not Included in the Recommendations	<u>\$ 24,423,994</u>	<u>\$ 24,423,994</u>

Section 7

Texas A&M Engineering Experiment Station
Summary of 10 Percent Biennial Base Reduction Options - House

Biennial Reduction Amounts								
Priority	Item	Description/Impact	GR and GR-Dedicated	All Funds	FTEs	Potential Revenue Loss	Reduction as % of Program GR/GR-D Total	Included in Intro Bill?
1	Reduction of Research Programs	The reductions would reduce 4.0 FTEs in research support and program development for the Nuclear Power Institute (NPI) and Texas Emissions Reduction Plan (TERP).	\$1,139,510	\$1,139,510	4.0	\$5,722,026	12.3%	No
2	Reduction of Collaborative Programs	The reductions would reduce 1 FTE and would have an impact on the agency's collaborative efforts with other universities and community colleges.	\$357,610	\$357,610	1.0	\$1,754,198	4.1%	No
3	Reduction of Education Programs	The reductions would reduce 1 FTE and the scope of the Nuclear Power Institute (NPI) program.	\$77,476	\$77,476	1.0	\$417,668	2.1%	No
4	Reduction of Research Programs	The reductions would reduce the agency's scope of the Energy Systems Laboratory (ESL) and Texas Emissions Reduction Plan (TERP).	\$90,452	\$90,452		\$452,260	1.0%	No
5	Reduction of Indirect Administration	The reduction would reduce 5.0 FTEs in indirect administration and support services.	\$674,852	\$674,852	5.0	\$0	12.8%	No
TOTAL, 10% Reduction Options			\$2,339,900	\$2,339,900	11.0	\$8,346,152		

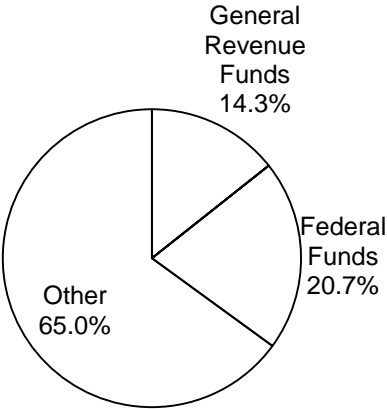
Texas A&M Engineering Experiment Station
Summary of 10 Percent Biennial Base Reduction Options - House
Agency 10% Reduction Options by Category of Reduction



Section 1

Method of Financing	2014-15 Base	2016-17 Recommended	Biennial Change	% Change
General Revenue Funds	\$4,310,847	\$17,211,511	\$12,900,664	299.3%
GR Dedicated Funds	\$0	\$0	\$0	0.0%
Total GR-Related Funds	\$4,310,847	\$17,211,511	\$12,900,664	299.3%
Federal Funds	\$23,596,152	\$24,834,977	\$1,238,825	5.3%
Other	\$90,423,086	\$78,039,967	(\$12,383,119)	(13.7%)
All Funds	\$118,330,085	\$120,086,455	\$1,756,370	1.5%

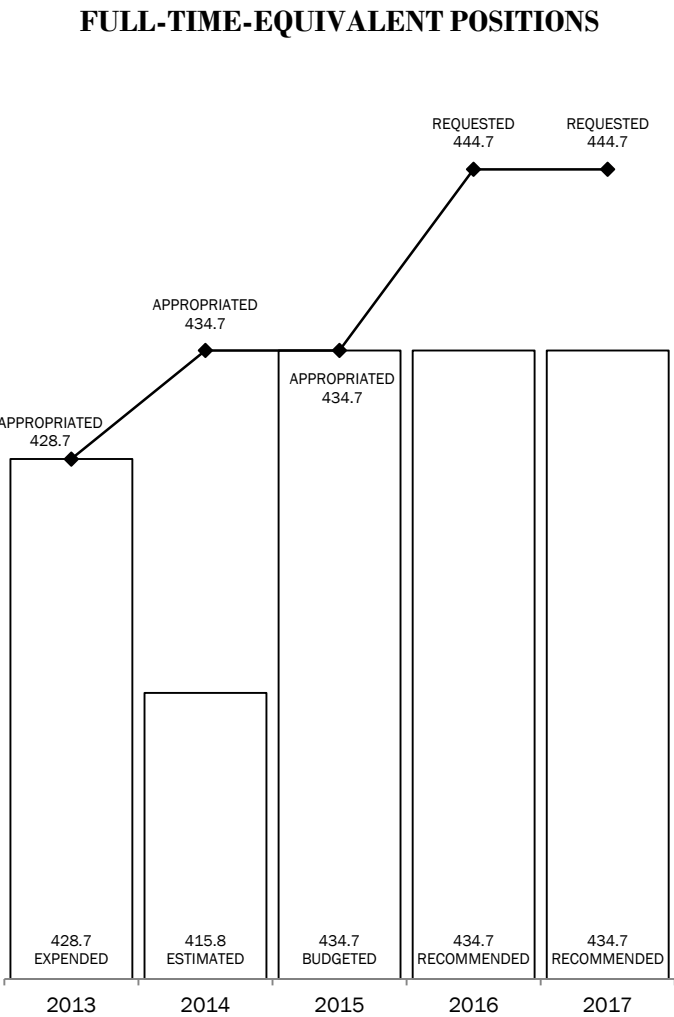
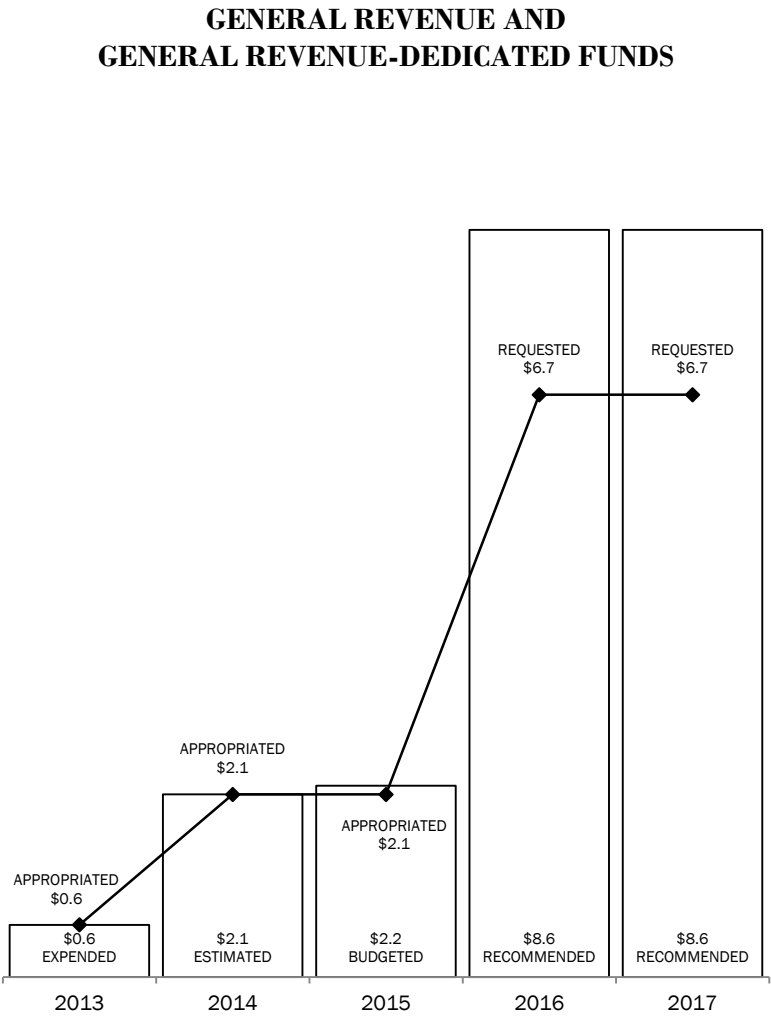
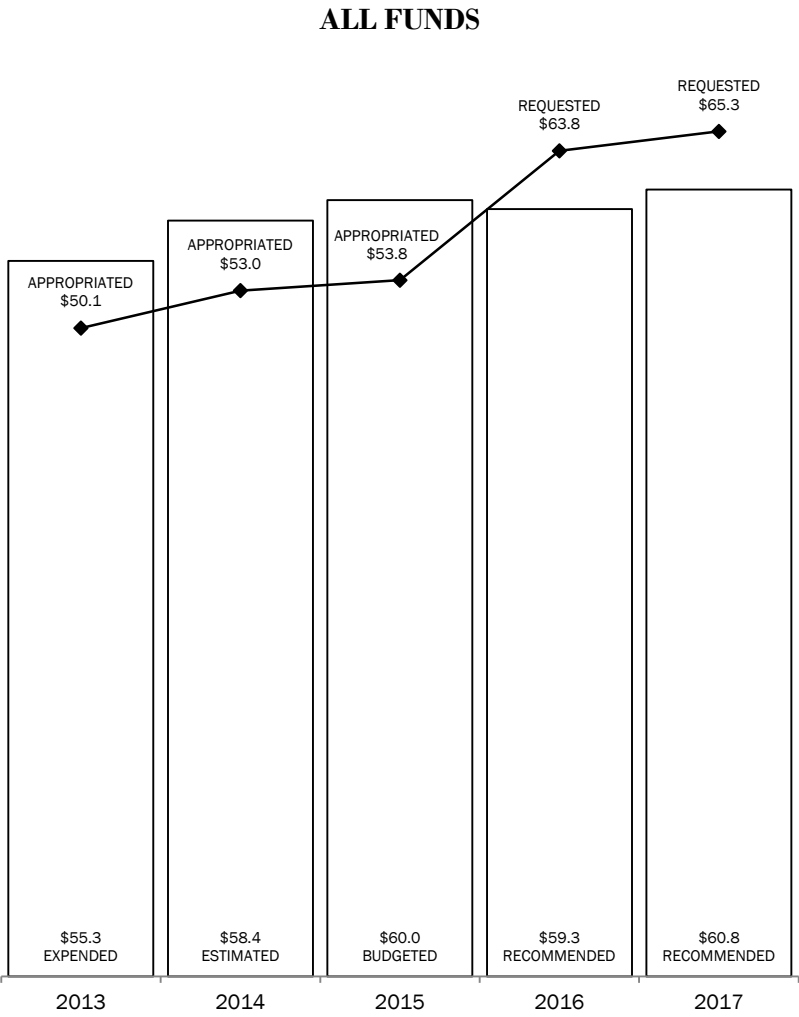
RECOMMENDED FUNDING
BY METHOD OF FINANCING



The bill pattern for this agency (2016-17 Recommended) represents an estimated 88.9% of the agency's estimated total available funds for the 2016-17 biennium.

Section 1
Texas A&M Transportation Institute
2016-2017 BIENNIUM
IN MILLIONS

TOTAL= \$120.1 MILLION



Section 2

Texas A&M Transportation Institute
Summary of Recommendations - House, By Method of Finance -- ALL FUNDS

Strategy/Goal	2014-15 Base	2016-17 Recommended	Biennial Change	% Change	Comments
SPONSORED RESEARCH A.1.1	\$88,811,562	\$89,835,119	\$1,023,557	1.2%	
NATIONAL CENTERS A.1.2	\$10,615,574	\$10,457,002	(\$158,572)	(1.5%)	
Total, Goal A, TRANSPORTATION RESEARCH	\$99,427,136	\$100,292,121	\$864,985	0.9%	
STAFF GROUP INSURANCE B.1.1	\$3,534,444	\$3,619,779	\$85,335	2.4%	
WORKERS' COMP INSURANCE B.1.2	\$65,137	\$67,769	\$2,632	4.0%	
UNEMPLOYMENT INSURANCE B.1.3	\$57,570	\$59,895	\$2,325	4.0%	
OASI B.1.4	\$3,634,236	\$3,762,547	\$128,311	3.5%	
Total, Goal B, STAFF BENEFITS	\$7,291,387	\$7,509,990	\$218,603	3.0%	
INDIRECT ADMINISTRATION C.1.1	\$7,279,208	\$7,610,238	\$331,030	4.5%	
INFRASTRUCTURE SUPPORT C.1.2	\$4,332,354	\$4,470,896	\$138,542	3.2%	
INFRASTRUC SUPP-OUTSIDE BRAZOS CNTY C.1.3	\$0	\$203,210	\$203,210	100.0%	Recommendations include a \$203,210 increase in General Revenue for outside Brazos County infrastructure support, a reallocation between A&M System agencies based on a proportional methodology of total actual square footage.
Total, Goal C, INDIRECT ADMINISTRATION	\$11,611,562	\$12,284,344	\$672,782	5.8%	

Section 2

Texas A&M Transportation Institute
Summary of Recommendations - House, By Method of Finance -- ALL FUNDS

Strategy/Gol	2014-15 Base	2016-17 Recommended	Biennial Change	% Change	Comments
Grand Total, All Strategies	\$118,330,085	\$120,086,455	\$1,756,370	1.5%	Recommendations reflect a net All Funds increase to the agency of \$1.6 million. This increase is attributable to: A method of finance swap increasing General Revenue by \$14 million to replace \$17 million in Fund 6 appropriations. The \$3 million difference reflects not maintaining a legislative resource program at the 2014-15 funding level (see Selected Fiscal and Policy Issues #1 and #2). General Revenue total difference of \$12.8 million reflects the GR/Fund 6 swap increase of \$14 million further adjusted by: • A \$1.5 million reduction also attributable to the legislative resource program; • An increase of \$203,210 for outside Brazos County infrastructure support, and an increase of \$23,037 to biennialize the 2014-15 salary increase. Federal Funds increases by \$1.2 million, primarily associated with \$0.8 million from the U.S. Department of Transportation; and Other Funds decrease of \$12.4 million is the GR/Fund 6 swap reduction of \$17 million offset by an increase of \$4.7 million, primarily a \$2.9 million increase to Interagency Contracts.

Section 3a

Texas A&M Transportation Institute
Selected Fiscal and Policy Issues - House

- 1. Recommendations decrease Fund 6 by \$17,035,875 and \$14,035,875 is replaced by General Revenue (\$3,000,000 in Fund 6 for legislative resource program is not replaced with General Revenue.) General Revenue is further decreased by \$1,500,000 associated with the Legislative Resource Program. Fund 6 is used in the current biennium for sponsored transportation research, research within the agency’s ten national centers focused on railways, transportation economics, public transit, safety, sustainable transportation, and computational mechanics. Fund 6 was also used in the current biennium for indirect administration and infrastructure support inside Brazos County.
- 2. Recommendations include revision of Rider 5, Legislative Resource, with a decrease in biennial General Revenue appropriations by \$1.5 million and elimination of Fund 6 appropriations by \$3 million related to the Legislative Resource Program.

Infrastructure Support

- 3. Section 50 of the Special Provisions Relating Only to State Agencies of Higher Education provides that funding at Texas A&M System agencies for infrastructure support inside Brazos County is calculated using the Texas A&M University General Revenue rate. Funding amounts are adjusted to align with the formula funding decisions for the General Academic Institutions. Currently, infrastructure support inside Brazos County for the Texas A&M System agencies is funded at the 2014-15 base levels.
- 4. Funding for infrastructure support outside Brazos County includes a new methodology based on actual square footage. General Revenue funding for infrastructure support outside Brazos County is equal to 2014-15 funding levels and is proportionally allocated to each agency by its respective percentage of total square footage. 2014-15 appropriated amounts in this table may differ from base amounts in Section 2 due to funding reallocations by the agencies.

Recommended Infrastructure Support for Outside Brazos County (General Revenue)

Institution	2014-15 Appropriated	Actual Square Footage	Percentage of Actual Square Footage	2016-17 Recommendations	2014-15 to 2016-17 Increase/ (Decrease)
556 Texas AgriLife Research (TAR)	\$6,231,926	1,123,511	67.34%	\$6,296,812	\$64,886
555 Texas AgriLife Extension Service (TAEX)	\$1,502,600	195,083	11.69%	\$1,093,358	\$(409,242)
712 Texas Engineering Experiment Station (TEES)	\$0	286	0.02%	\$1,602	\$1,602
727 Texas Transportation Institute (TTI)	\$0	36,258	2.17%	\$203,210	\$203,210
716 Texas Engineering Extension Service (TEEX)	\$0	56,353	3.38%	\$315,836	\$315,836
576 Texas Forest Service (TFS)	\$1,465,814	231,986	13.91%	\$1,300,185	\$(165,629)
557 Texas Veterinary Medical Diagnostic Laboratory (TVMDL)	\$149,781	24,822	1.49%	\$139,116	\$(10,665)
Total	\$9,350,121	1,668,299	100%	\$9,350,121	\$0

Section 3b

Statutory Authority		Mission & Functions	2014-15 Base All Funds	2016-17 Rec. All Funds	2014-2015 Base GR/GR-D	2016-17 Rec. GR/GR-D	2014 Level FTEs	2016-17 Rec. FTEs
Texas A&M AgriLife Research (TAR)	Education Code, Title III, Section 88.201	Conducts research in the agricultural, environmental, and life sciences. Goals include enhancing the competitiveness of agricultural industries and natural resource conservation. AgriLife Research administers the honey bee regulation and feed and fertilizer programs. Research highlights include: ecosystem research, conservation, and sustainable agriculture.	\$ 140,482,844	\$ 141,087,174	\$ 108,064,844	\$ 108,844,528	987.7	987.7
Texas A&M AgriLife Extension Service (TAEX)	Education Code, Title III, Section 88.822	Provides training and educational programs including 4-H through county extension agents. Extension agents are supported by federal, state, and county funding. AgriLife Extension also provides wildlife and insect management services including feral hog abatement and boll weevil eradication.	\$ 133,222,282	\$ 133,702,344	\$ 86,619,858	\$ 87,108,474	1031.1	1031.1
Texas A&M Engineering Experiment Station (TEES)	Education Code, Title III, Section 88.501	Conducts engineering and technology research with a focus on interdisciplinary research. Research highlights include: energy, water, manufacturing, and the environment.	\$ 239,356,955	\$ 239,880,584	\$ 34,742,101	\$ 35,962,900	880.0	880.0
Texas A&M Transportation Institute (TTI)	Education Code, Title III, Section 88.603 & 88.803	Identifies and solves transportation problems through research. Develops and implements new technologies for current and future transportation needs. Works closely with the Texas Department of Transportation, as well as local and regional transportation agencies across the state.	\$ 118,330,085	\$ 120,086,455	\$ 4,310,847	\$ 17,211,511	434.7	434.7
Texas A&M Engineering Extension Service (TEEX)	Education Code, Title III, Section 88.501	Provides training, technical assistance, and emergency response to enhance public safety and security. Texas Task Force 1 is deployed for emergency response and search and rescue operations.	\$ 154,336,526	\$ 152,130,356	\$ 15,639,833	\$ 16,009,906	555.2	555.2
Texas A&M Forest Service (TFS)	Education Code, Title III, Section 88.102	Provides wildfire prevention, detection, and suppression services. The Texas Wildfire Protection Plan is the agency's wildfire response model.	\$ 115,072,569	\$ 113,175,193	\$ 107,382,441	\$ 105,261,131	558.2	558.2
Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL)	Education Code, Title III, Section 88.708	Provides fee-based veterinary medical diagnostic services and drug testing services which contributes to an animal and zoonotic disease surveillance system. Responds to potential high consequence and/or emerging disease events.	\$ 38,078,151	\$ 37,480,410	\$ 17,763,126	\$ 17,843,568	165.0	165.0
Total			\$938,879,412	\$937,542,516	\$374,523,050	\$388,242,018	4,611.90	4,611.90

Section 4

Texas Transportation Institute
Performance Review and Policy Report Highlights - House

Reports & Recommendations	Savings/ (Cost)	Gain/ (Loss)	Fund Type	Included in Introduced Bill	Action Required During Session
---------------------------	--------------------	-----------------	--------------	--------------------------------	--------------------------------

NO RELATED RECOMMENDATIONS

Section 5

**Texas A&M Transportation Institute
Rider Highlights - House**

- 4. (Revise) **Legislative Resource.** Recommendation to decrease General Revenue appropriations by \$1.5 million, and eliminate \$3 million in Fund 6 for the 2016-17 biennium for this purpose.

Section 6

Texas A&M Transportation Institute
Items not Included in Recommendations - House

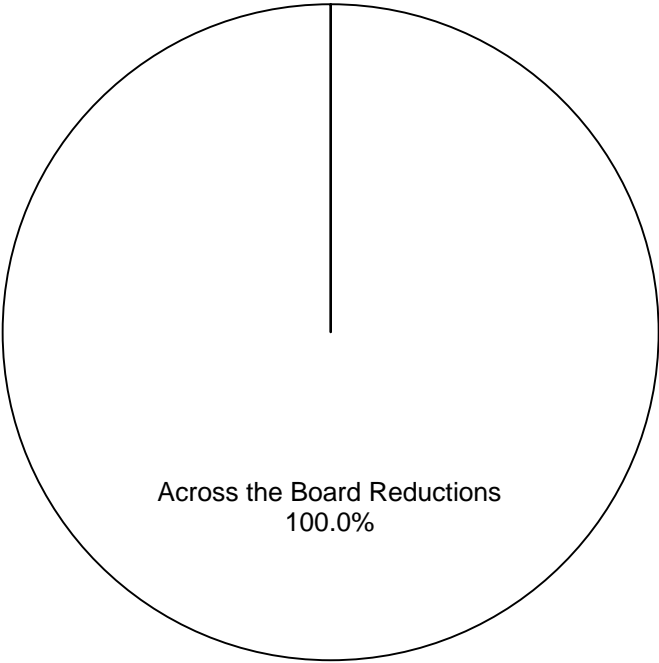
Agency Exceptional Items Not Included - In Agency Priority Order		2016-17 Biennial Total	
		GR & GR-Dedicated	All Funds
1. Legislative Resource Program		\$ 4,500,000	\$ 4,500,000
Increase General Revenue appropriations by \$4.5 million to equal 2014-15 funding level of the program.			
2. Integrated Crash and Injury Data Analysis		\$ 4,600,000	\$ 4,600,000
General Revenue funding for 10 FTEs to support analysis of traffic crash and injury data. The program is a collaboration with UT Health Science Center at Houston, Texas A&M Health Science Center School of Public Health, Texas Department of Transportation, Texas Department of State Health Services, and Texas Department of Public Safety.			
Total, Items Not Included in the Recommendations		<u>\$ 9,100,000</u>	<u>\$ 9,100,000</u>

Section 7

Texas A&M Transportation Institute
Summary of 10 Percent Biennial Base Reduction Options - House

Biennial Reduction Amounts								
Priority	Item	Description/Impact	GR and GR-Dedicated	All Funds	FTEs	Potential Revenue Loss	Reduction as % of Program GR/GR-D Total	Included in Intro Bill?
1	Agency Operations	The reduction will reduce funding for agency operations with an impact on the agency's direction of research.	\$128,398	\$128,398		\$0	3.0%	No
2	Policy Research Center	The reduction will reduce funding for the Transportation Policy Research Center. The reduction would result in impacts to the overall size and scope of the Center.	\$300,000	\$300,000		\$0	7.0%	No
TOTAL, 10% Reduction Options			\$428,398	\$428,398		\$0		

Texas A&M Transportation Institute
Summary of 10 Percent Biennial Base Reduction Options - House
Agency 10% Reduction Options by Category of Reduction



Section 1

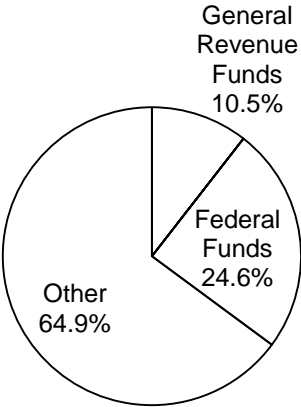
Texas A&M Engineering Extension Service
Summary of Recommendations - House

Page: III-227
Gary F Sera, Director

Demetrio Hernandez, LBB Analyst

Method of Financing	2014-15 Base	2016-17 Recommended	Biennial Change	% Change
General Revenue Funds	\$15,639,833	\$16,009,906	\$370,073	2.4%
GR Dedicated Funds	\$0	\$0	\$0	0.0%
Total GR-Related Funds	\$15,639,833	\$16,009,906	\$370,073	2.4%
Federal Funds	\$37,420,207	\$37,420,212	\$5	0.0%
Other	\$101,276,486	\$98,700,238	(\$2,576,248)	(2.5%)
All Funds	\$154,336,526	\$152,130,356	(\$2,206,170)	(1.4%)

RECOMMENDED FUNDING
BY METHOD OF FINANCING



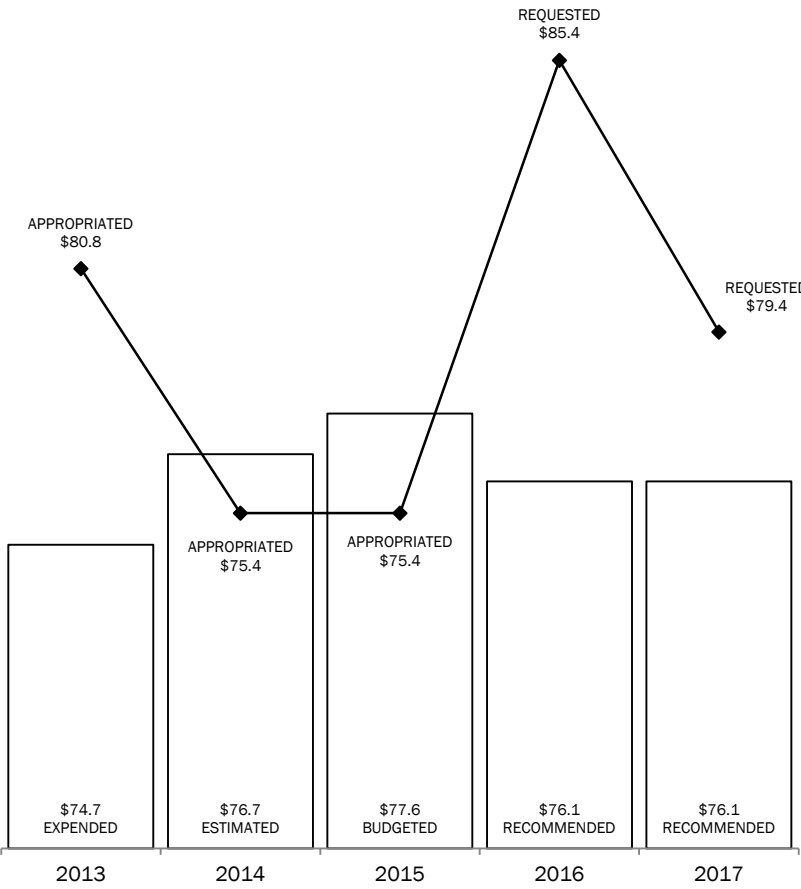
	FY 2015 Budgeted	FY 2017 Recommended	Biennial Change	% Change
FTEs	579.8	555.2	(24.6)	(4.2%)

The bill pattern for this agency (2016-17 Recommended) represents an estimated 94.1% of the agency's estimated total available funds for the 2016-17 biennium.

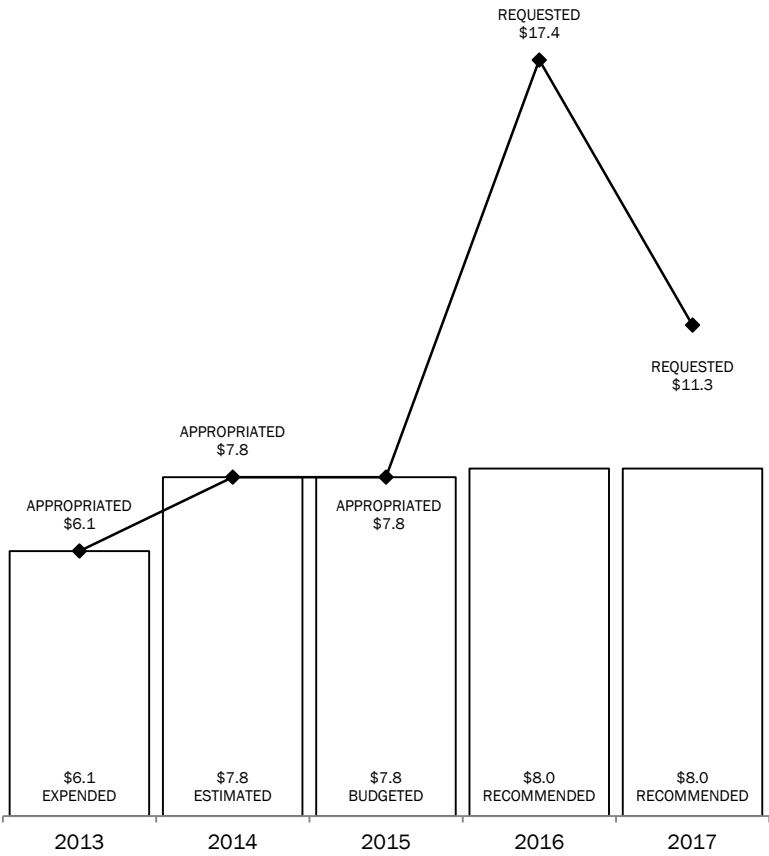
Section 1
Texas A&M Engineering Extension Service
2016-2017 BIENNIUM
IN MILLIONS

TOTAL= \$152.2 MILLION

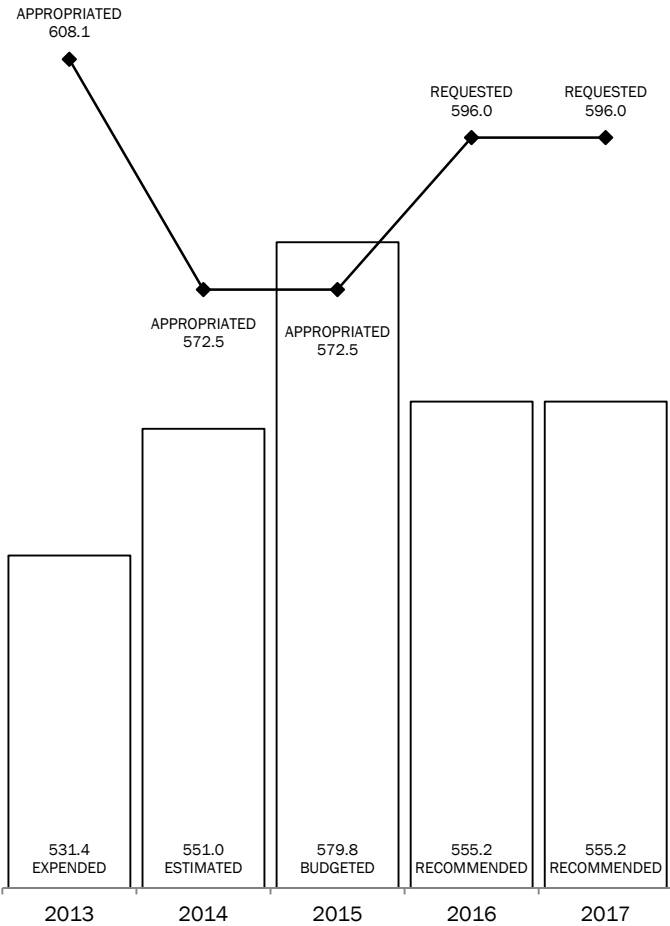
ALL FUNDS



GENERAL REVENUE AND
GENERAL REVENUE-DEDICATED FUNDS



FULL-TIME-EQUIVALENT POSITIONS



Section 2

Texas A&M Engineering Extension Service
Summary of Recommendations - House, By Method of Finance -- ALL FUNDS

Strategy/Goal	2014-15 Base	2016-17 Recommended	Biennial Change	% Change	Comments
PUBLIC SECTOR TRAINING A.1.1	\$81,087,220	\$81,087,220	\$0	0.0%	
PRIVATE SECTOR TRAINING A.1.2	\$23,901,443	\$23,901,444	\$1	0.0%	
Total, Goal A, PROVIDE TRAINING	\$104,988,663	\$104,988,664	\$1	0.0%	
PROVIDE TECHNICAL ASSISTANCE B.1.1	\$5,605,030	\$5,605,030	\$0	0.0%	
Total, Goal B, PROVIDE TECHNICAL ASSISTANCE	\$5,605,030	\$5,605,030	\$0	0.0%	
PROVIDE TX TASK FORCE 1 CAPABILITY C.1.1	\$7,693,911	\$7,058,110	(\$635,801)	(8.3%)	Recommendations reflect a decrease of \$635,801 in Economic Stabilization Funds that were appropriated by the Eighty-third Legislature, Regular Session, 2013, for the purpose of reimbursing the agency for natural disaster deployments.
Total, Goal C, PROVIDE EMERGENCY RESPONSE	\$7,693,911	\$7,058,110	(\$635,801)	(8.3%)	
STAFF GROUP INSURANCE D.1.1	\$6,289,812	\$6,289,812	\$0	0.0%	
WORKERS' COMPENSATION INSURANCE D.1.2	\$36,000	\$36,000	\$0	0.0%	
UNEMPLOYMENT INSURANCE D.1.3	\$233,790	\$233,790	\$0	0.0%	
OASI D.1.4	\$4,752,535	\$4,752,536	\$1	0.0%	
Total, Goal D, STAFF BENEFITS	\$11,312,137	\$11,312,138	\$1	0.0%	
INDIRECT ADMINISTRATION E.1.1	\$19,715,033	\$19,715,034	\$1	0.0%	
INFRASTRUCTURE SUPPORT E.1.2	\$5,021,752	\$3,135,544	(\$1,886,208)	(37.6%)	
INFRASTRUC SUPP-OUTSIDE BRAZOS CNTY E.1.3	\$0	\$315,836	\$315,836	100.0%	Recommendations include a \$315,836 increase in General Revenue related to a reallocation between A&M System agencies of infrastructure support outside Brazos County. The reallocation reflects a proportional allocation methodology based on actual square feet.
Total, Goal E, INDIRECT ADMINISTRATION	\$24,736,785	\$23,166,414	(\$1,570,371)	(6.3%)	
Grand Total, All Strategies	\$154,336,526	\$152,130,356	(\$2,206,170)	(1.4%)	Recommendations include an increase of \$55,935 in General Revenue to biennialize the 2014-15 salary increase. Finally, the recommendations reflect a \$1,940,449 decrease in Appropriated Receipts, which consist primarily of revenue received from basic and advanced training the agency provides, and a slight decrease in Federal Funds.

Texas A&M Engineering Extension Service
Selected Fiscal and Policy Issues - House

Infrastructure Support

- 1. Section 50 of the Special Provisions Relating Only to State Agencies of Higher Education provides that funding at Texas A&M System agencies for infrastructure support inside Brazos County is calculated using the Texas A&M University General Revenue rate. Funding amounts are adjusted to align with the formula funding decisions for the General Academic Institutions. Currently, infrastructure support inside Brazos County for the Texas A&M System agencies is funded at the 2014-15 base levels.
- 2. Funding for infrastructure support outside Brazos County includes a new methodology based on actual square footage. General Revenue funding for infrastructure support outside Brazos County is equal to 2014-15 funding levels and is proportionally allocated to each agency by its respective percentage of total square footage. 2014-15 appropriated amounts in this table may differ from base amounts in Section 2 due to funding reallocations by the agencies.

Recommended Infrastructure Support for Outside Brazos County (General Revenue)

Institution	2014-15 Appropriated	Actual Square Footage	Percentage of Actual Square Footage	2016-17 Appropriated	2014-15 to 2016-17 Increase/ (Decrease)
556 Texas AgriLife Research (TAR)	\$6,231,926	1,123,511	67.34%	\$6,296,812	\$64,886
555 Texas AgriLife Extension Service (TAEX)	\$1,502,600	195,083	11.69%	\$1,093,358	\$(409,242)
712 Texas Engineering Experiment Station (TEES)	\$0	286	0.02%	\$1,602	\$1,602
727 Texas Transportation Institute (TTI)	\$0	36,258	2.17%	\$203,210	\$203,210
716 Texas Engineering Extension Service (TEEX)	\$0	56,353	3.38%	\$315,836	\$315,836
576 Texas Forest Service (TFS)	\$1,465,814	231,986	13.91%	\$1,300,185	\$(165,629)
557 Texas Veterinary Medical Diagnostic Laboratory (TVMDL)	\$149,781	24,822	1.49%	\$139,116	\$(10,665)
Total	\$9,350,121	1,668,299	100.00%	\$9,350,121	\$0

Section 3b

Statutory Authority		Mission & Functions	2014-15 Base All Funds	2016-17 Rec. All Funds	2014-2015 Base GR/GR-D	2016-17 Rec. GR/GR-D	2014 Level FTEs	2016-17 Rec. FTEs
Texas A&M AgriLife Research (TAR)	Education Code, Title III, Section 88.201	Conducts research in the agricultural, environmental, and life sciences. Goals include enhancing the competitiveness of agricultural industries and natural resource conservation. AgriLife Research administers the honey bee regulation and feed and fertilizer programs. Research highlights include: ecosystem research, conservation, and sustainable agriculture.	\$ 140,482,844	\$ 141,087,174	\$ 108,064,844	\$ 108,844,528	987.7	987.7
Texas A&M AgriLife Extension Service (TAEX)	Education Code, Title III, Section 88.822	Provides training and educational programs including 4-H through county extension agents. Extension agents are supported by federal, state, and county funding. AgriLife Extension also provides wildlife and insect management services including feral hog abatement and boll weevil eradication.	\$ 133,222,282	\$ 133,702,344	\$ 86,619,858	\$ 87,108,474	1031.1	1031.1
Texas A&M Engineering Experiment Station (TEES)	Education Code, Title III, Section 88.501	Conducts engineering and technology research with a focus on interdisciplinary research. Research highlights include: energy, water, manufacturing, and the environment.	\$ 239,356,955	\$ 239,880,584	\$ 34,742,101	\$ 35,962,900	880.0	880.0
Texas A&M Transportation Institute (TTI)	Education Code, Title III, Section 88.603 & 88.803	Identifies and solves transportation problems through research. Develops and implements new technologies for current and future transportation needs. Works closely with the Texas Department of Transportation, as well as local and regional transportation agencies across the state.	\$ 118,330,085	\$ 120,086,455	\$ 4,310,847	\$ 17,211,511	434.7	434.7
Texas A&M Engineering Extension Service (TEEX)	Education Code, Title III, Section 88.501	Provides training, technical assistance, and emergency response to enhance public safety and security. Texas Task Force 1 is deployed for emergency response and search and rescue operations.	\$ 154,336,526	\$ 152,130,356	\$ 15,639,833	\$ 16,009,906	555.2	555.2
Texas A&M Forest Service (TFS)	Education Code, Title III, Section 88.102	Provides wildfire prevention, detection, and suppression services. The Texas Wildfire Protection Plan is the agency's wildfire response model.	\$ 115,072,569	\$ 113,175,193	\$ 107,382,441	\$ 105,261,131	558.2	558.2
Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL)	Education Code, Title III, Section 88.708	Provides fee-based veterinary medical diagnostic services and drug testing services which contributes to an animal and zoonotic disease surveillance system. Responds to potential high consequence and/or emerging disease events.	\$ 38,078,151	\$ 37,480,410	\$ 17,763,126	\$ 17,843,568	165.0	165.0
Total			\$938,879,412	\$937,542,516	\$374,523,050	\$388,242,018	4,611.90	4,611.90

Section 3c

Texas A&M Engineering Extension Service
Performance Measure Highlights - House

		Expended 2013	Estimated 2014	Budgeted 2015	Recommended 2016	Recommended 2017
•	Provide Technical Assistance: Number of Service Contact Hours	70,709	37,895	87,947	59,880	59,880
	Measure Explanation: Measures the sum of all technical assistance activity service contact hours. Includes unit operation and process monitoring, exercises, technical and market feasibility assessments, and emergency response services. Agency notes decrease from FY13 to FY14 due to events requiring emergency response decreased. Figures in FY13 include emergency response in West, Texas. Figure in FY15 reflects target service contact hours in GAA.					

Section 3d

Texas A&M Engineering Extension Service
FTE Highlights - House

Full-Time-Equivalent Positions	Expended 2013	Estimated 2014	Budgeted 2015	Recommended 2016	Recommended 2017
Cap ¹	608.1	572.5	572.5	555.2	555.2
Actual/Budgeted	531.4	555.2	579.8	NA	NA
Schedule of Exempt Positions (Cap)					

¹Recommendations include a reduction of 17.3 Full-time Equivalent (FTE) positions from the current FTE cap of 572.5, in alignment with the agency’s request.

Section 4

Engineering Extension Service
Performance Review and Policy Report Highlights - House

Reports & Recommendations	Savings/ (Cost)	Gain/ (Loss)	Fund Type	Included in Introduced Bill	Action Required During Session
---------------------------	--------------------	-----------------	--------------	--------------------------------	--------------------------------

NO RELATED RECOMMENDATIONS

Section 5

**Texas A&M Engineering Extension Service
Rider Highlights - House**

None

Section 6

Texas A&M Engineering Extension Service
Items not Included in Recommendations - House

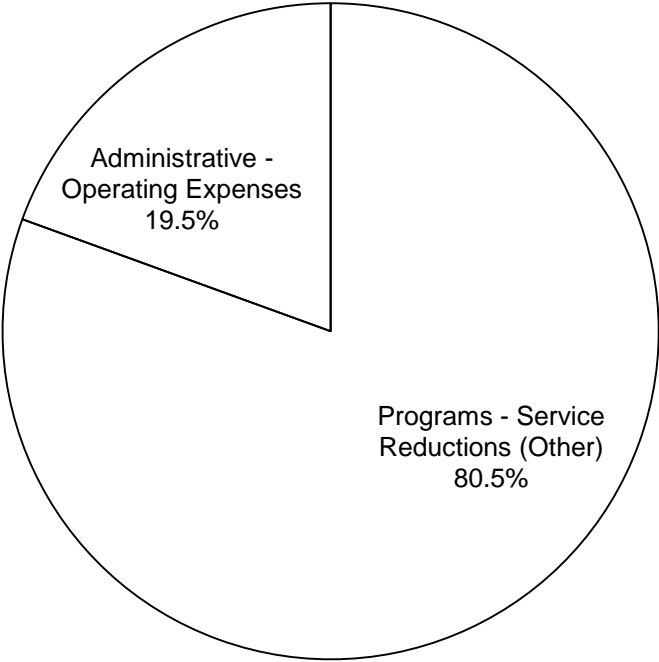
Agency Exceptional Items Not Included - In Agency Priority Order	2016-17 Biennial Total	
	GR & GR-Dedicated	All Funds
1. Search and Rescue Regional Response System General Revenue funding for 15 FTEs for five additional regional response teams as a component of Texas Task Force 1.	\$ 11,661,673	\$ 11,661,673
2. Texas Law Enforcement Extension Rural Training Initiative General Revenue funding for 5 FTEs for classroom and online training for rural Texas law enforcement, including rural peace officers, jailers, and telecommunications personnel.	\$ 1,000,000	\$ 1,000,000
3. Career and Advanced Manufacturing Training Program for High Schools (CAMTP-HS) General Revenue funding for 8.5 FTEs for certifications for high school students for HB 5 graduation requirements in water operations training for other public service or business and industry endorsements.	\$ 2,300,000	\$ 2,300,000
Total, Items Not Included in the Recommendations	<u>\$ 14,961,673</u>	<u>\$ 14,961,673</u>

Section 7

Texas A&M Engineering Extension Service
Summary of 10 Percent Biennial Base Reduction Options - House

Biennial Reduction Amounts								
Priority	Item	Description/Impact	GR and GR-Dedicated	All Funds	FTEs	Potential Revenue Loss	Reduction as % of Program GR/GR-D Total	Included in Intro Bill?
1	Employee Outreach Safety Training	The reduction will result in the agency training 180 less students.	\$18,270	\$18,270		\$0	0.3%	No
2	Drinking Water Protection Program	The reduction will result in the agency training 200 less students.	\$42,630	\$42,630		\$0	0.6%	No
3	Law Enforcement Extension	The reduction will result in the agency training 125 less students resulting in 3,750 less student contact hours.	\$50,000	\$50,000		\$0	0.7%	No
4	Administration	The reduction will result in the agency scaling back equipment upgrades and new initiatives.	\$120,539	\$120,539		\$0	4.6%	No
5	Texas Fire Officer Program	The reduction will result in the agency delivering 1 less class resulting in 41 less students and 1,503 less student contact hours.	\$26,912	\$26,912	0.1	\$0	0.4%	No
6	Fire Extension Program	The reduction will result in the agency delivering 47 less classes resulting in 957 less students and 9,390 less student contact hours.	\$210,624	\$210,624	2.5	\$0	3.0%	No
7	Texas Task Force 1 Operational Readiness	The reduction would reduce training for taskforce members.	\$150,638	\$150,638	1.0	\$0	5.0%	No
8	Employee Outreach Safety Training	The reduction will result in the agency training 180 less students.	\$18,270	\$18,270		\$0	0.3%	No
9	Drinking Water Protection Program	The reduction will result in the agency training 200 less students.	\$42,630	\$42,630		\$0	0.6%	No
10	Law Enforcement Extension	The reduction will result in training for 125 less students resulting in 3,750 less student contact hours.	\$50,000	\$50,000		\$0	0.7%	No
11	Administration	The reduction will result in the agency scaling back additional equipment upgrades and new initiatives.	\$120,540	\$120,540		\$0	4.6%	No
12	Texas Fire Officer Program	The reduction will result in the agency delivering 1 less class resulting in 41 less students and 1,503 less student contact hours.	\$26,912	\$26,912	0.1	\$0	0.4%	No
13	Fire Extension Program	The reduction will result in the agency delivering 47 less classes resulting in 957 less students and 9,390 less student contact hours.	\$210,624	\$210,624	2.5	\$0	3.0%	No
14	Texas Task Force 1 Operational Readiness	The reduction would result in an additional reduction for training for taskforce members.	\$150,638	\$150,638	1.0	\$0	5.0%	No
TOTAL, 10% Reduction Options			\$1,239,227	\$1,239,227	7.2	\$0		

Texas A&M Engineering Extension Service
Summary of 10 Percent Biennial Base Reduction Options - House
Agency 10% Reduction Options by Category of Reduction



House Appropriations Subcommittee on Article III



Overview



TEXAS A&M
AGRILIFE
EXTENSION



TEXAS A&M
AGRILIFE
RESEARCH



TEXAS A&M
FOREST SERVICE

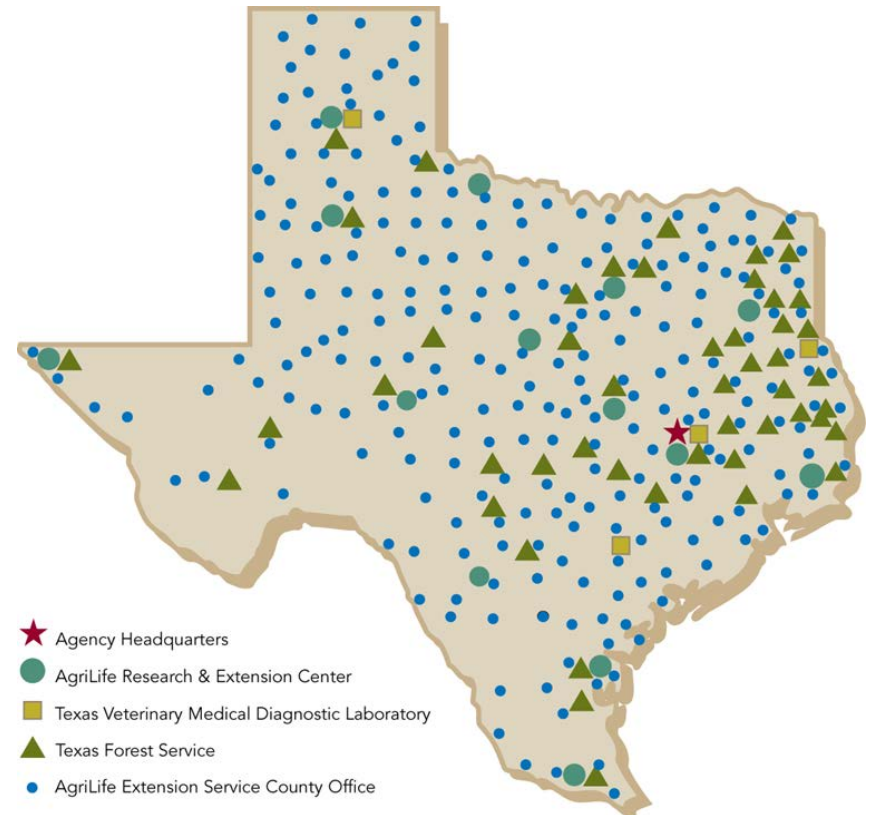


TEXAS A&M
TVMDL
VETERINARY MEDICAL
DIAGNOSTIC LABORATORY

- Four statewide agencies
- Part of the Texas A&M University System. Directors report to Vice Chancellor, who reports to TAMUS Chancellor
- Cooperate together on services (e.g. administration, government relations, communications, and IT), missions, and goals
- Collectively, the four agencies are the 2nd largest component of TAMUS (Annual Exp. = ca. \$0.4B, and head count = ca. 5000)

Serving Texas Through the Land Grant Mission

- Programmatic priorities include research and education programs for agriculture, natural resources, and human and life sciences; prevention, mitigation, and protection of forest and tree resources; and protecting the state's animal industries
- Agencies are not formula funded for operations via the higher education funding formula and, thus, have depended upon Exceptional Items to increase base funding
- We work together to serve the land grant mission of:
 - Teaching
 - Research
 - Extension
 - Service



Legislative Requests

- Selected TAMUS Initiatives
 - Base Funding
 - Higher Education Group Health Insurance
- Each agency has programmatic Exceptional Items that focus on key state-wide issues (e.g. public health; agriculture and natural resources; community economic development; youth development; and community safety)
- Some Exceptional Items are joint with other System members



HEARING BEFORE THE HOUSE APPROPRIATIONS SUBCOMMITTEE ON ARTICLE III 84TH LEGISLATIVE SESSION

February 19, 2015

Craig Nessler
Director

Mission

We develop new knowledge and tools through research to:

- Benefit consumers by ensuring healthy, safe, and affordable supply of agricultural products
- Expand agricultural sustainability, profitability and environmental stewardship
- Preserve and enhance natural resources

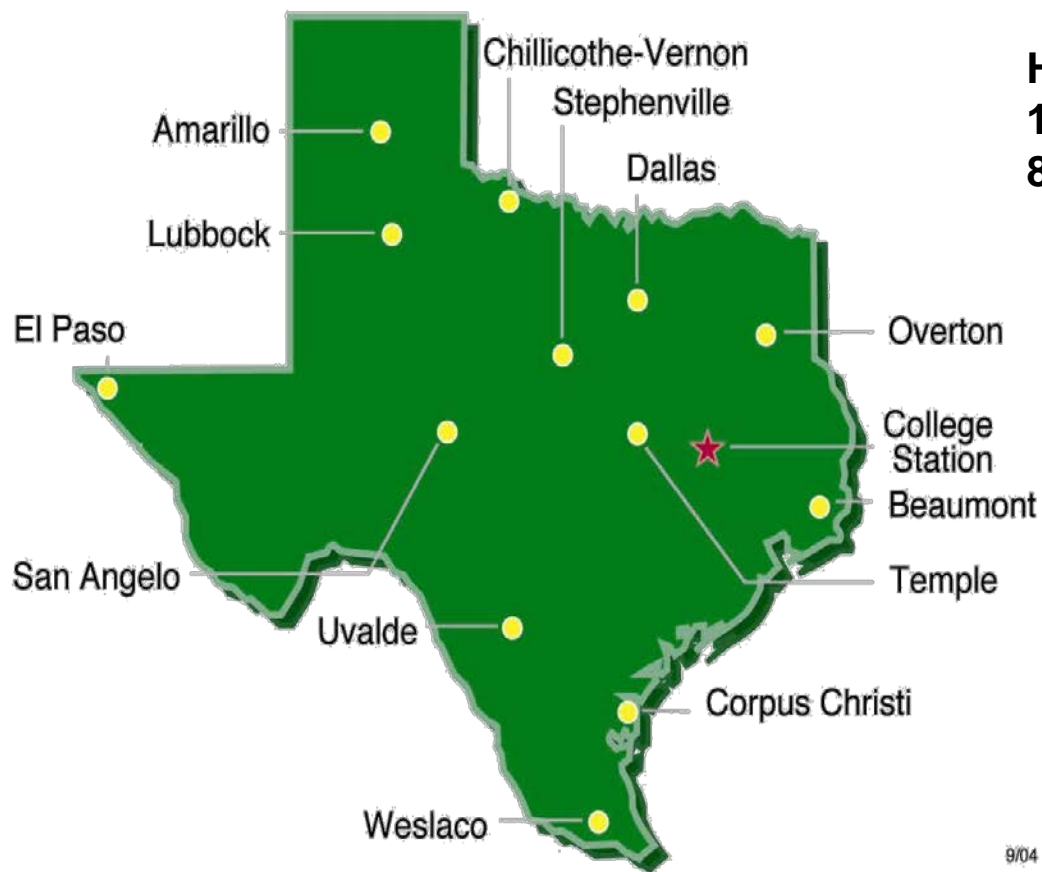
Vision

- Develop innovative technologies that will produce economic, environmental, and health benefits for Texans
- Be foremost amongst peer research organizations
- Remain leaders in discovery and application of agriculture and life science research

Unique Aspects of Texas A&M AgriLife Research

- Only public, state-wide agency dedicated to research in the agricultural, environmental, and life sciences
- One of four state agencies under the auspices of the Vice Chancellor for Agriculture within The Texas A&M University System (Article III-Higher Education)
- Receives no tuition or tuition-related fees; not funded for operations by higher education funding formula
- Science & Technology Organization
 - Innovative solutions and new technologies for Texas
- Joint faculty appointments with TAMU, Texas Tech and other universities
- Facilities, faculty, and staff located throughout the state

Research Locations



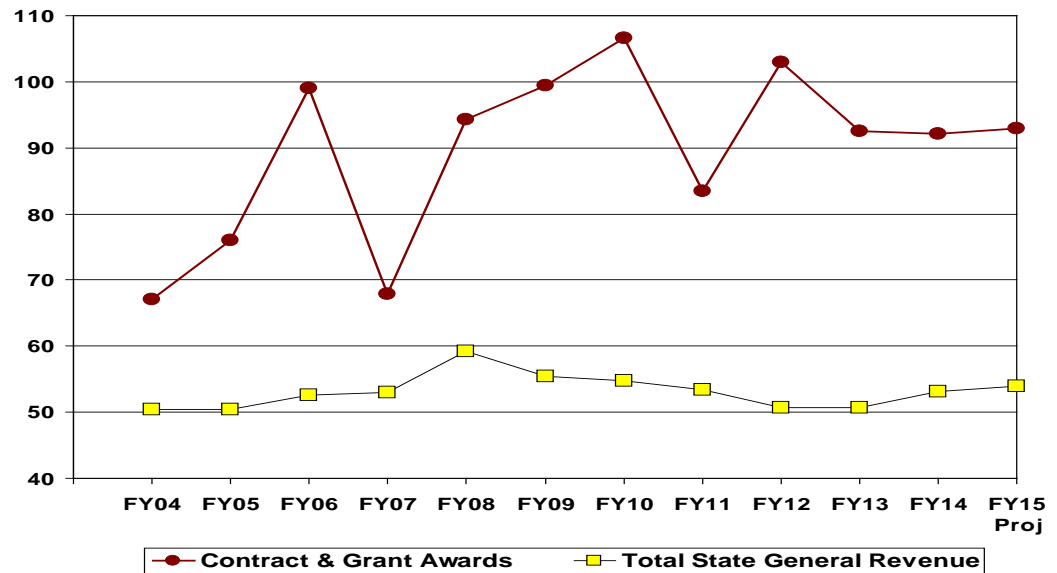
Head Count:
1,541 employees including
800 Ph.D.-level scientists

9/04

Fiscal Highlights

- NSF Ranking - #1 Agriculture and Natural Resources in the US
- General Revenue (GR) funding has been relatively constant for 10 years except for the 2012-2013 Biennium
- Over past four decades, the annual economic gain from investments in Texas' public agricultural research is more than \$1.1B.

Grants and Contracts/State Support



Selected Research Impacts

- A Texas Water Resources Institute-led initiative has received a \$2.3 million grant from the U.S. Department of Agriculture's Natural Resources Conservation Service to address water quantity and water quality concerns in the Lower Rio Grande Valley.
- Regular doses of ibuprofen extended the lifespan of multiple species, according to AgriLife research scientists. In humans, that would be equivalent to another dozen or so years of healthy living.
- Results of AgriLife Research's multi-year wheat agreement with Industry:
 - Texas A&M cultivars are #1 cultivar grown in TX, OK, CO and KS
 - Creating wheat cultivars that more efficiently use irrigation water and produce better flour

Exceptional Items, 2016-2017 Biennium

- **Controlling Exotic and Invasive Insect Transmitted Pathogens (\$6M)**

Goal to establish comprehensive research programs to disrupt the spread of economically important insect-vectored pathogens infecting plants, livestock and humans resulting in hundreds of million of dollars in lost agricultural productivity, decreased economic opportunity and increased health care costs.

- **Advanced Remote Sensing and Precision Systems for Natural Resources (\$6M)**

Advanced remote sensing and precision systems will create solutions for Texas urban and rural populations. Texas A&M AgriLife Research and Texas A&M Engineering Experiment Station are combining expertise to develop and commercialize systems to facilitate best management of natural resources such as water bodies, wildlife, rangeland and forests. Next generation quantum optics sensors will be developed and deployed to gather data and improve models for more effective management of Texas natural resources.

Exceptional Items, 2016-2017 Biennium

- **Improving Crops and Turf through Accelerated Breeding (\$10M)**

Rapid advancements in crop genomics and plant breeding are due to improvements in sequencing technology, markers and knowledge of genes producing specific traits. Application of these technologies will accelerate improvements to turf and crops reducing inputs such as water and fertilizer while maintaining desirable characteristics.

Summary

- State-wide research agency addressing current and emerging issues in agriculture, natural resources, and life sciences
- Science and technology based
- Develop IP, protect and promote new technologies
- Fulfills research component of 'land grant mission' of TAMUS
- Statewide deployment of facilities and personnel
- Leverage state funding, for example > 1:5 for bioenergy funds
- Strong partnerships with TAMUS members, government entities, and private sector

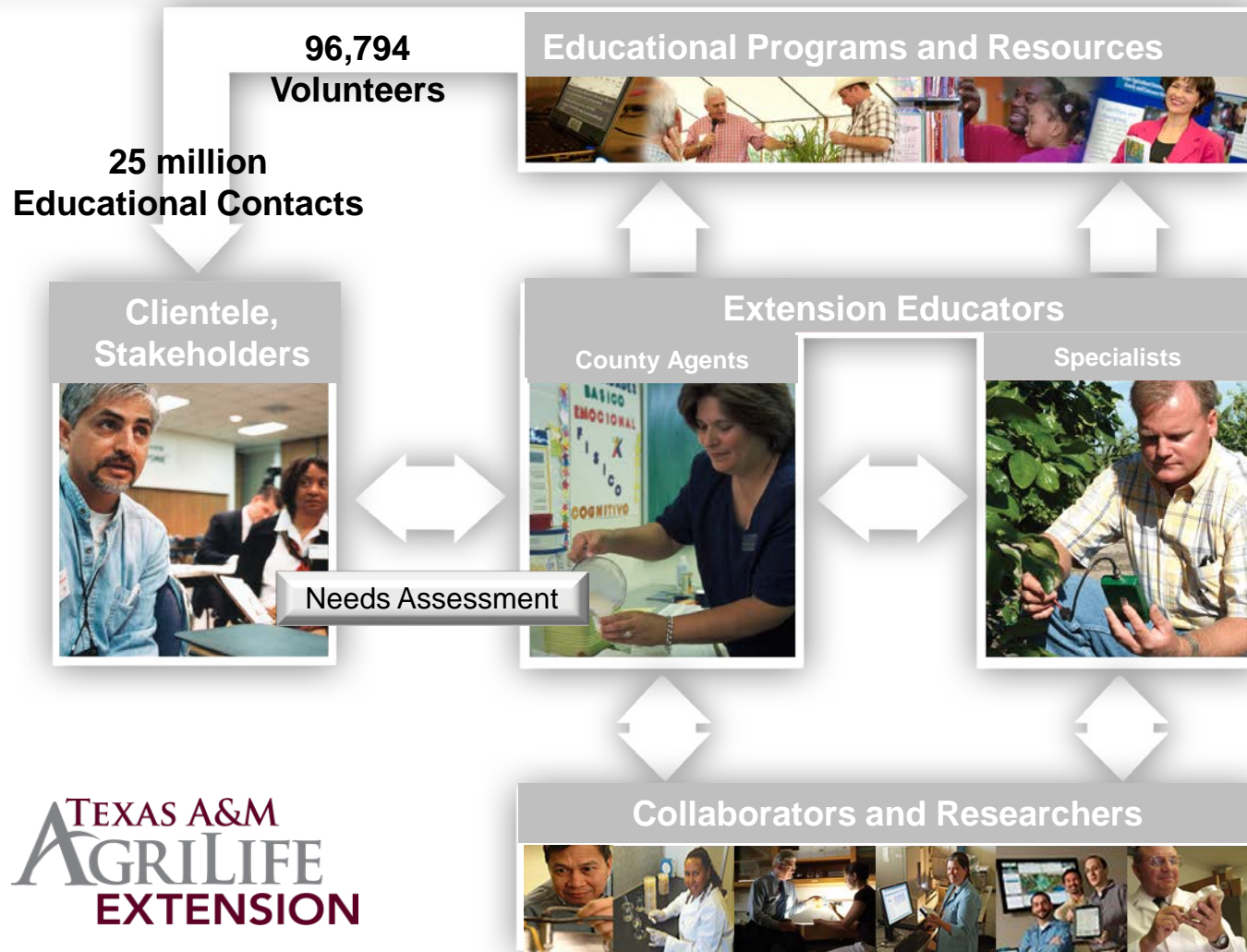


Hearing before the
**House Appropriations
Subcommittee on Article III**

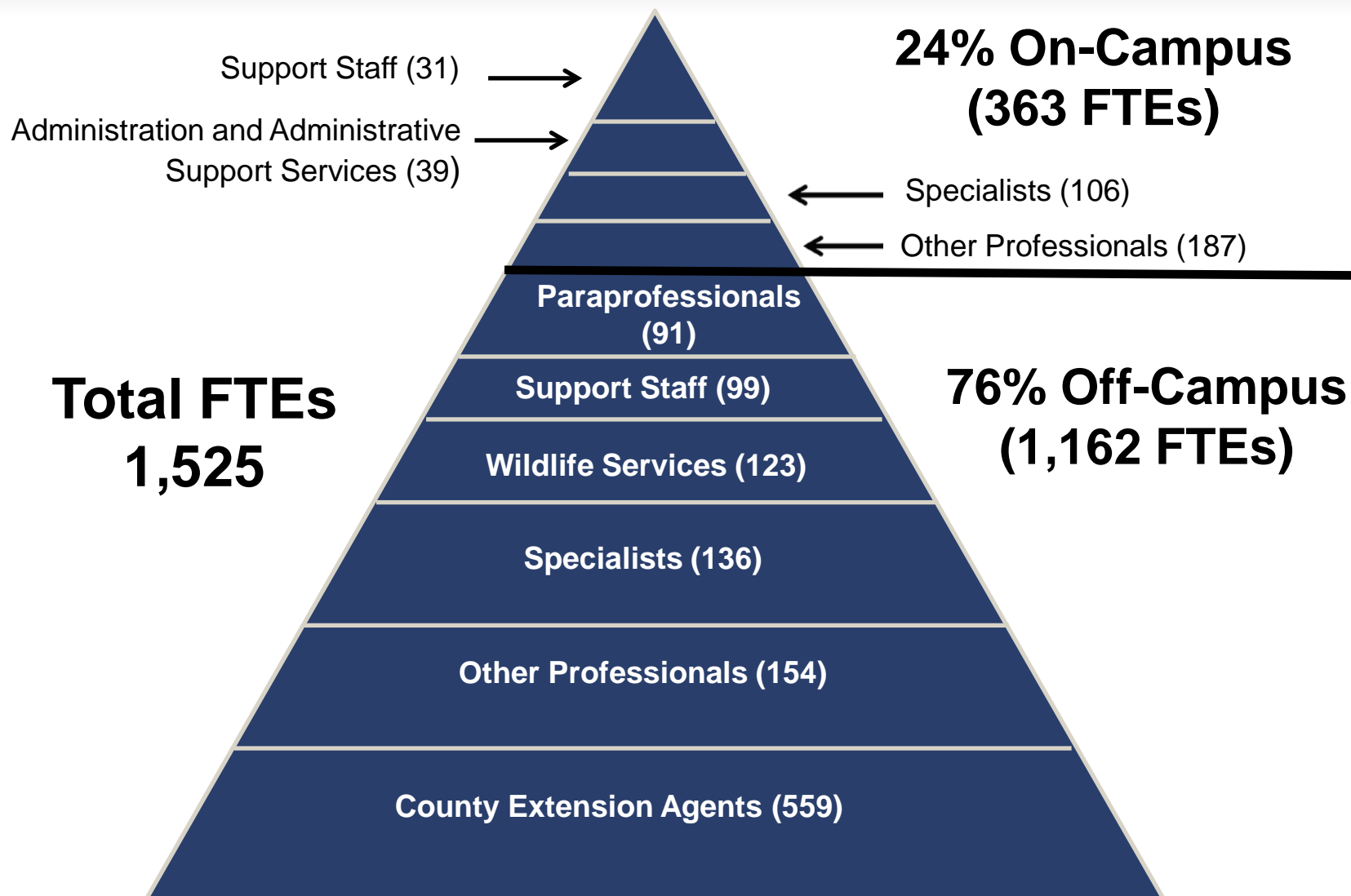
For the 2016-2017 Biennium
February 19, 2015

Douglas L. Steele
Director

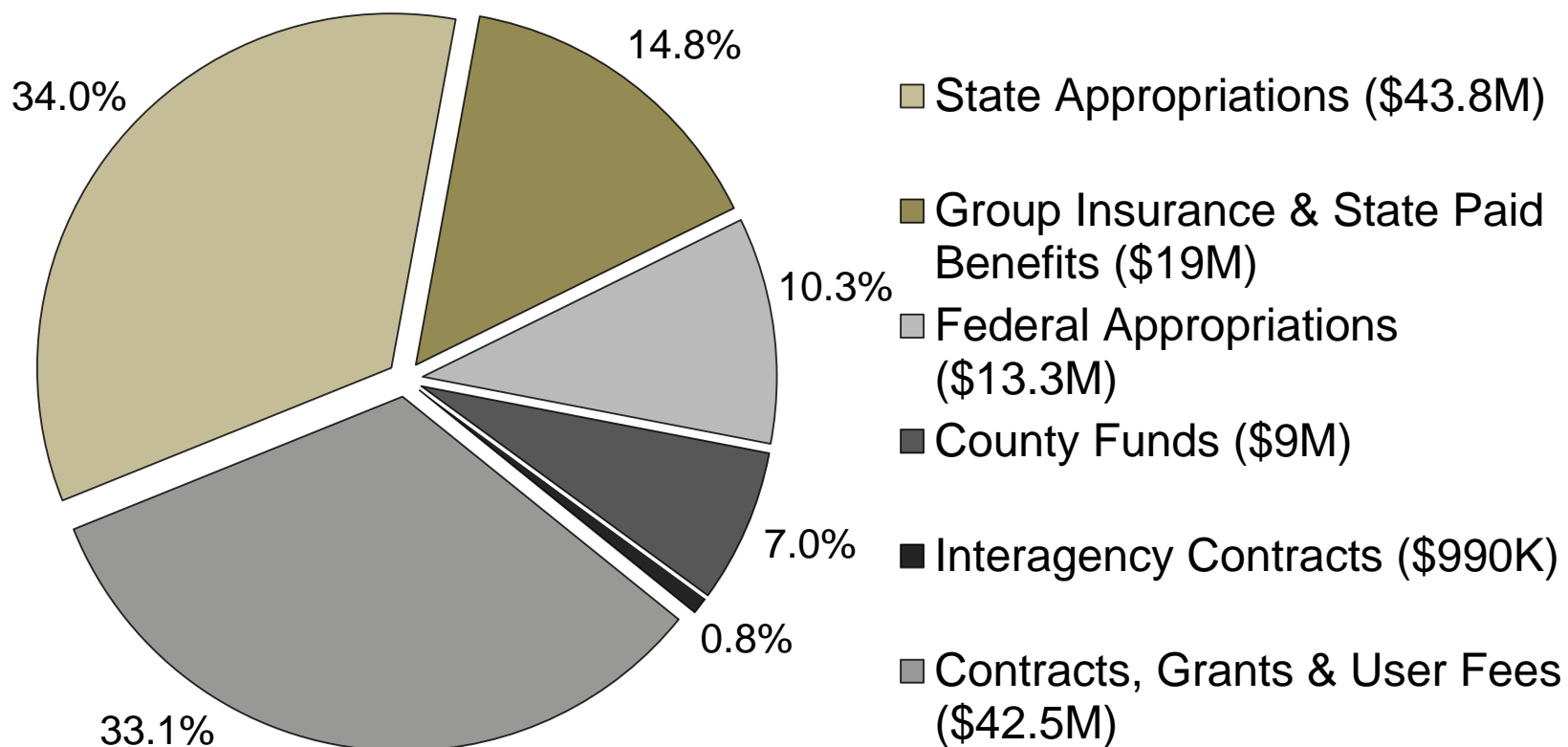
Program Development and Delivery Strategy



Staffing for Educational Program Delivery



Estimated Funds: Fiscal Year 2015 - \$129M

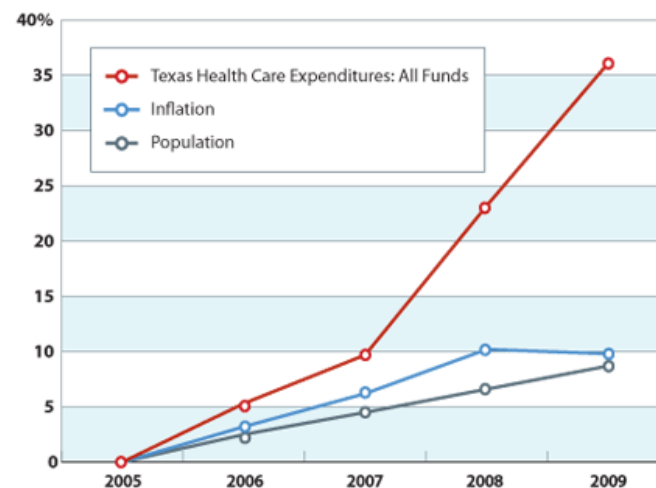


Note: Extension does not receive formula funds for operations via the higher education funding formula.

Exceptional Item: Healthy South Texas 2025 - \$15M

- Health care accounts for more than 34% of Texas government spending from state, federal and other sources.
 - The cost of chronic disease is projected to increase to 78% of total health spending by 2013.
- Our goal in collaboration with Texas A&M Health Science Center, is to reduce preventable diseases and their consequences in South Texas by 25% by the year 2025.

Growth in Texas Health Care Expenditures vs. Growth in Population and Inflation
Fiscal 2005 through 2009

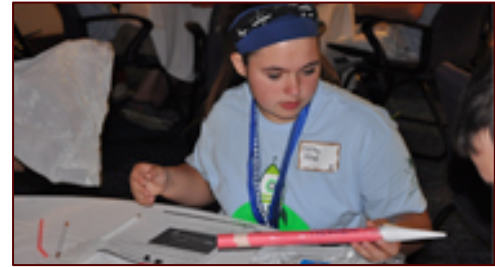


Sources: Various state agencies, U.S. Census Bureau and U.S. Bureau of Labor Statistics; calculations performed by Texas Comptroller of Public Accounts.

Exceptional Item: Invest in Youth through 4-H - \$3M

According to the National Study of Positive Youth Development (2013), 4-Hers are nearly:

- **5X** more likely to graduate college
 - **4X** more likely to actively contribute to their community
 - **3X** more likely to be physically active than non 4-H members
- This initiative will expand 4-H programming efforts allowing more opportunities for youth participation.

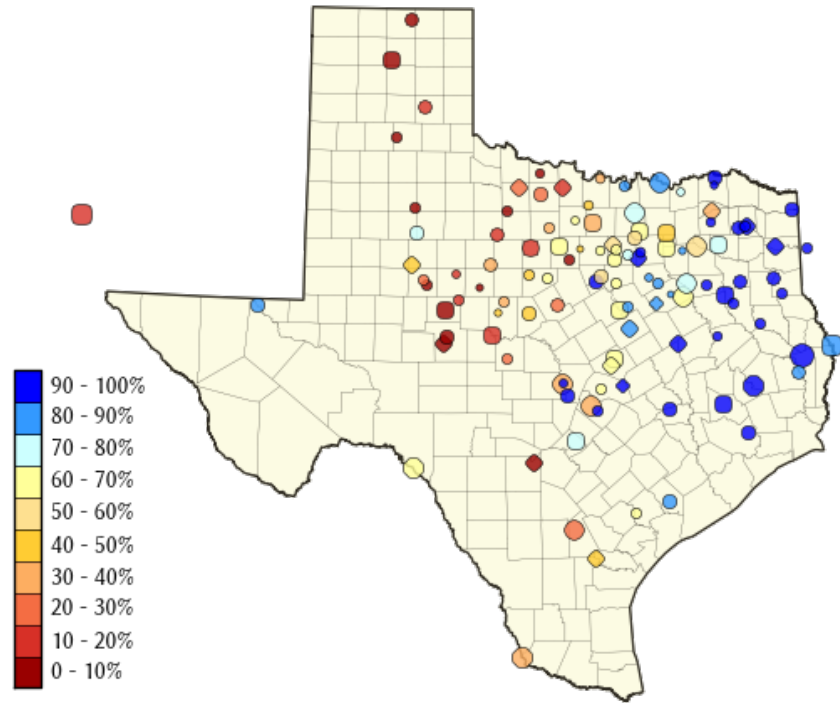


"4-H has helped me choose and develop goals that I would like to achieve later in my life."

Charles Leño
9 year 4-H Member

Exceptional Item: Drought Readiness and Response - \$2M

- With over 500 new residents arriving daily, Texas is facing a continuing water supply drought.
- Projected water demand in Texas expected to increase 22% by 2060.
- This initiative will focus programs on management of urban green spaces, livestock, crops, and rangelands.





Legislative Appropriations Request
for the
**House Appropriations
Subcommittee on Article III**
84th Legislative Session

Tom G. Boggus
Director
February 19, 2015

Legislative Support

83rd Legislature

THANK YOU!!

- \$161 million Supplemental Appropriation for remaining 2011 and 2012 wildfire suppression costs
- Additional \$13.6 million per year for increased capacity (people and equipment) to TFS for delivery of the Texas Wildfire Protection Plan
- Increased by \$5 million per year grant funding under the Rural Volunteer Fire Department Assistance Program

THANK YOU!!

Supplemental Appropriations

83rd Legislature

THANK YOU!!!

Supplemental Appropriation	\$161,065,711
----------------------------	---------------

Fire Bills	\$161,078,944
------------	---------------

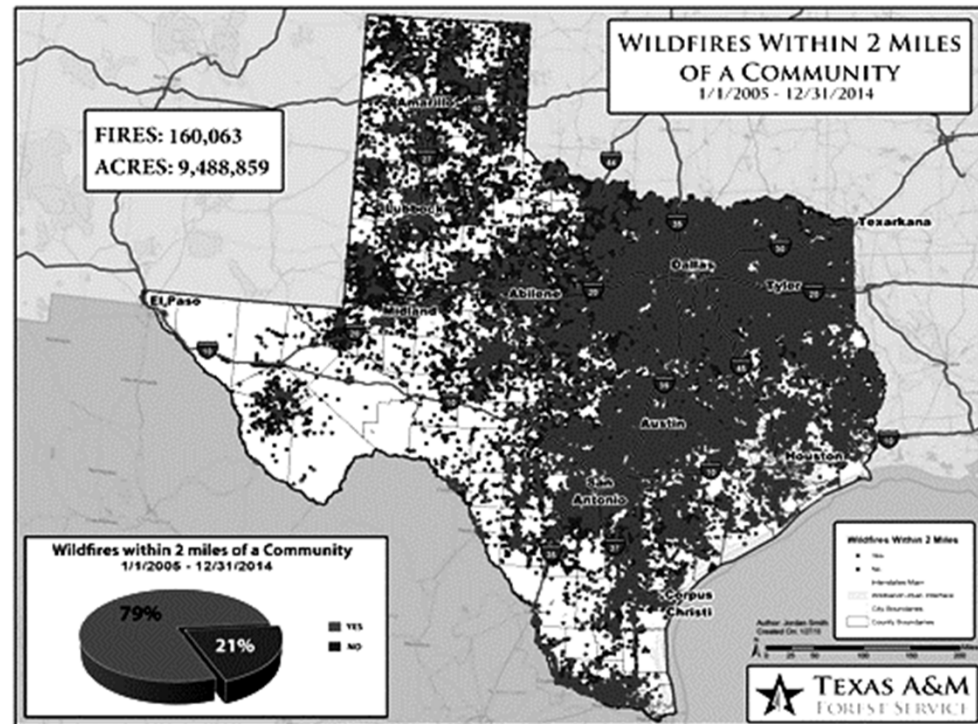
Less: Additional FEMA Reimbursements	<u>\$ 46,008,105</u>
--------------------------------------	----------------------

Fire Bills Paid from Supplemental Approp.	\$115,070,839
---	---------------

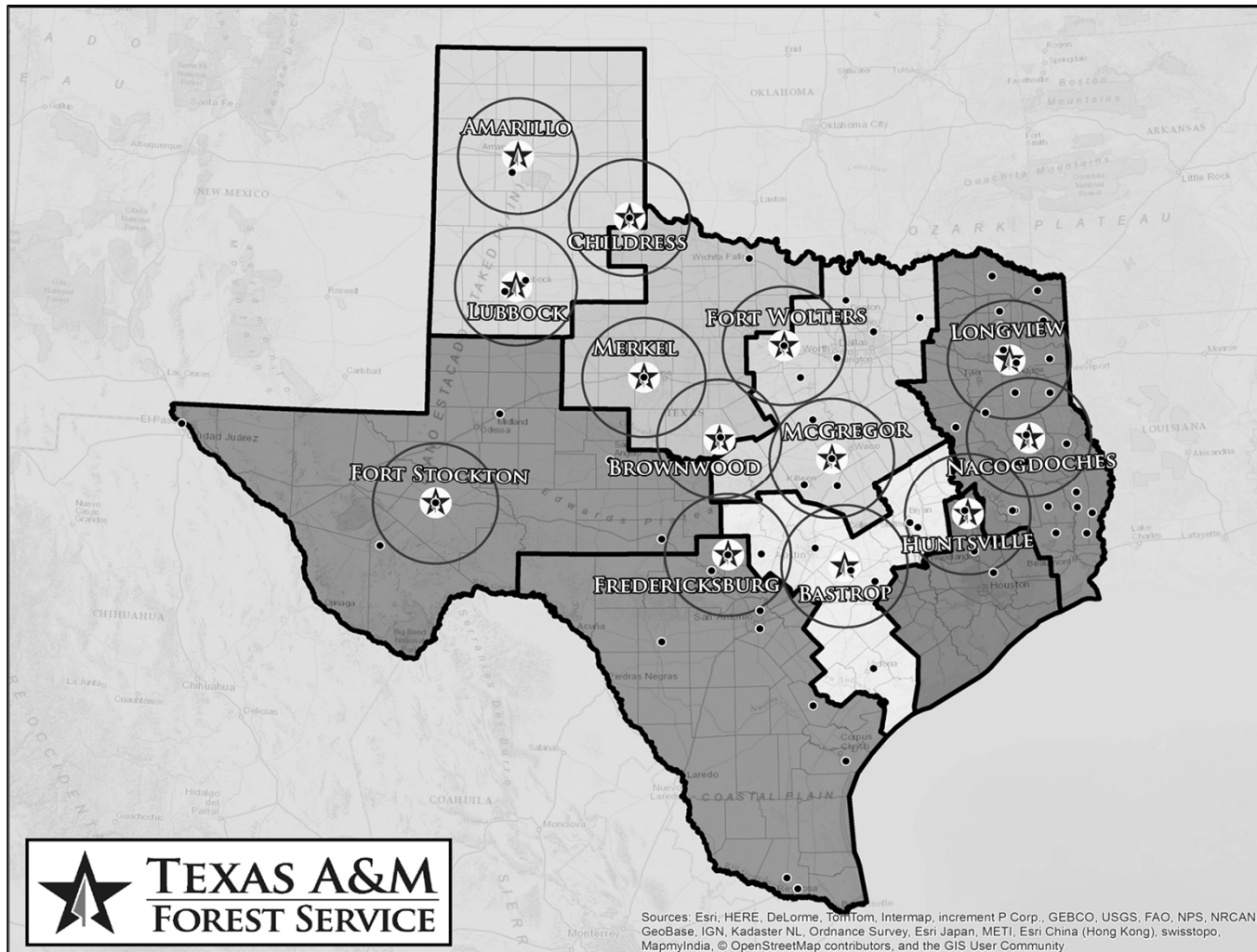
Amount returned to State	\$ 45,994,872
--------------------------	---------------

Wildfires in Texas

- Since 2005, Texas has experienced **160,063 wildfires** that burned **9.5 million acres** and destroyed **4,952 homes**
- **90%** of wildfires are caused by human activity
- **80%** occur within 2 miles of a community
- Local fire departments suppress **90%** of wildfires without state assistance
- Significant wildfire season have occurred in 10 of the last 19 years...**and it's not over yet!**
- **106,692 homes saved**



Task Force Locations



New Employee Training Academy



Building Local Capacity

Reducing Risk Before the Fire

Shaded fuel breaks



Prescribed burns



- **64** CWPP's covering **3.5 million** people
- **349** Fire Departments trained in Ready, Set, Go!
- **69** GIS mapped Firewise communities

CWPP signing



Replacing Older Agency Equipment



Before

After

Building Local Capacity

Rural VFD Assistance Program



Volunteer firefighter on Moore Branch Fire in 2000.

Before



Shelby VFD (Austin County) – old pumper going out of service



Christoval VFD (Tom Green County) with 2604 PPE and Small Brush Truck in 2003.

After



Shelby VFD (Austin County) – new 2604 truck received in 2011

Building Local Capacity

Rural VFD Assistance Program

Still the first line of defense for wildfires

- Passes through **\$12.8 million** per year in grants to VFDs
- Vehicles, equipment, protective clothing, fire equipment and training tuitions
- Since 2002, has provided **1,555 fire engines, 68,680 pieces** of protective clothing and **59,123 training tuitions**



Exceptional Item – VFD Grants

- National model and beneficial to all Texans
- VFD grants reduced by \$33 million in 2011
- Increased \$10 million by 83rd Texas Legislature
- **Request \$23 million** in additional appropriations for the 2016-17 biennium of 84th Texas Legislature
 - ✓ Carry-forward balance in Fund 5064

Exceptional Item – TIFMAS Grants

- National model and beneficial to all Texans
- \$1 million per year grant program transferred from TCFP by 81st Texas Legislature
- TIFMAS Program
 - Surge capacity of Texas
 - Protecting Texas with Texans
- **Request grant program be increased by \$1 million per year**

Agency Testimony House Appropriations Committee

Dr. Bruce L. Akey
Interim Director

February 19, 2015

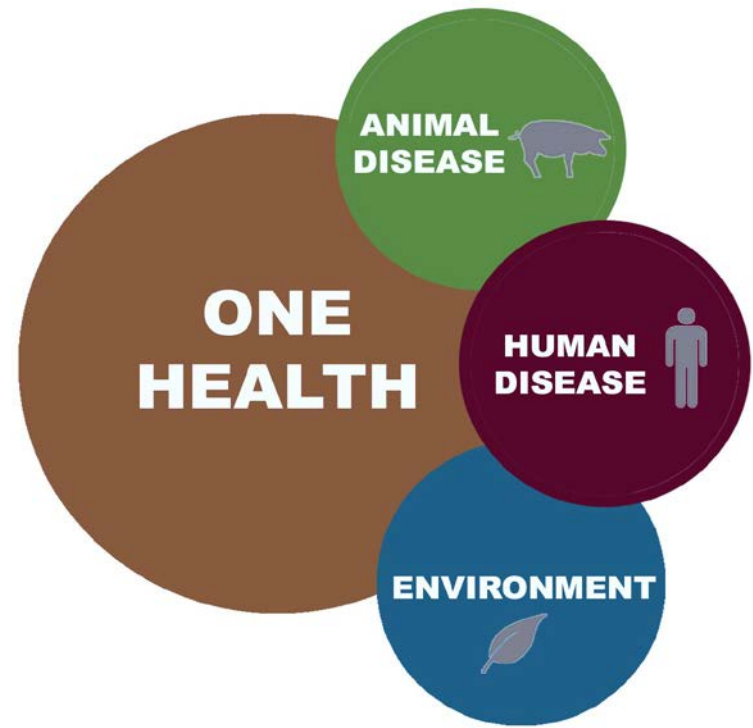
Agency Vision and Mission

Vision

To be the global leader in providing innovative and state-of-the-art veterinary diagnostic services

Mission

To promote **animal health** and protect agricultural, companion animal, **food safety** and **public health** interests in Texas and beyond by providing excellence in veterinary diagnostic service

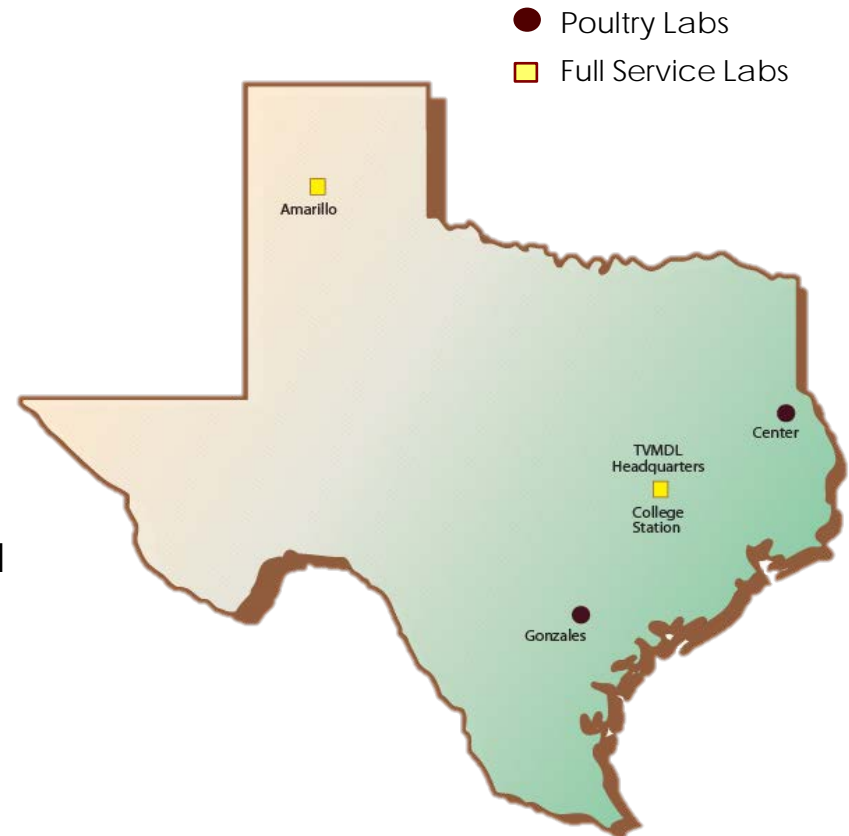


Agency Overview

- Only state agency that provides veterinary diagnostic services to the citizens of Texas
- The backbone of a **high consequence**, emerging and/or zoonotic disease surveillance system - *Foot and Mouth Disease, Avian Influenza, Salmonella, Anthrax*
- The only **BSL-3** laboratories in Texas dedicated to animal disease testing and response
- Performs **drug testing** for pari-mutuel racing animals and livestock shows
- Providing clients with professional **expertise/consultations** to help solve difficult cases
- Developing and validating **new diagnostic testing** technologies and platforms
- **Supporting research** efforts in veterinary medicine, public health and food safety through diagnostic testing

Locations

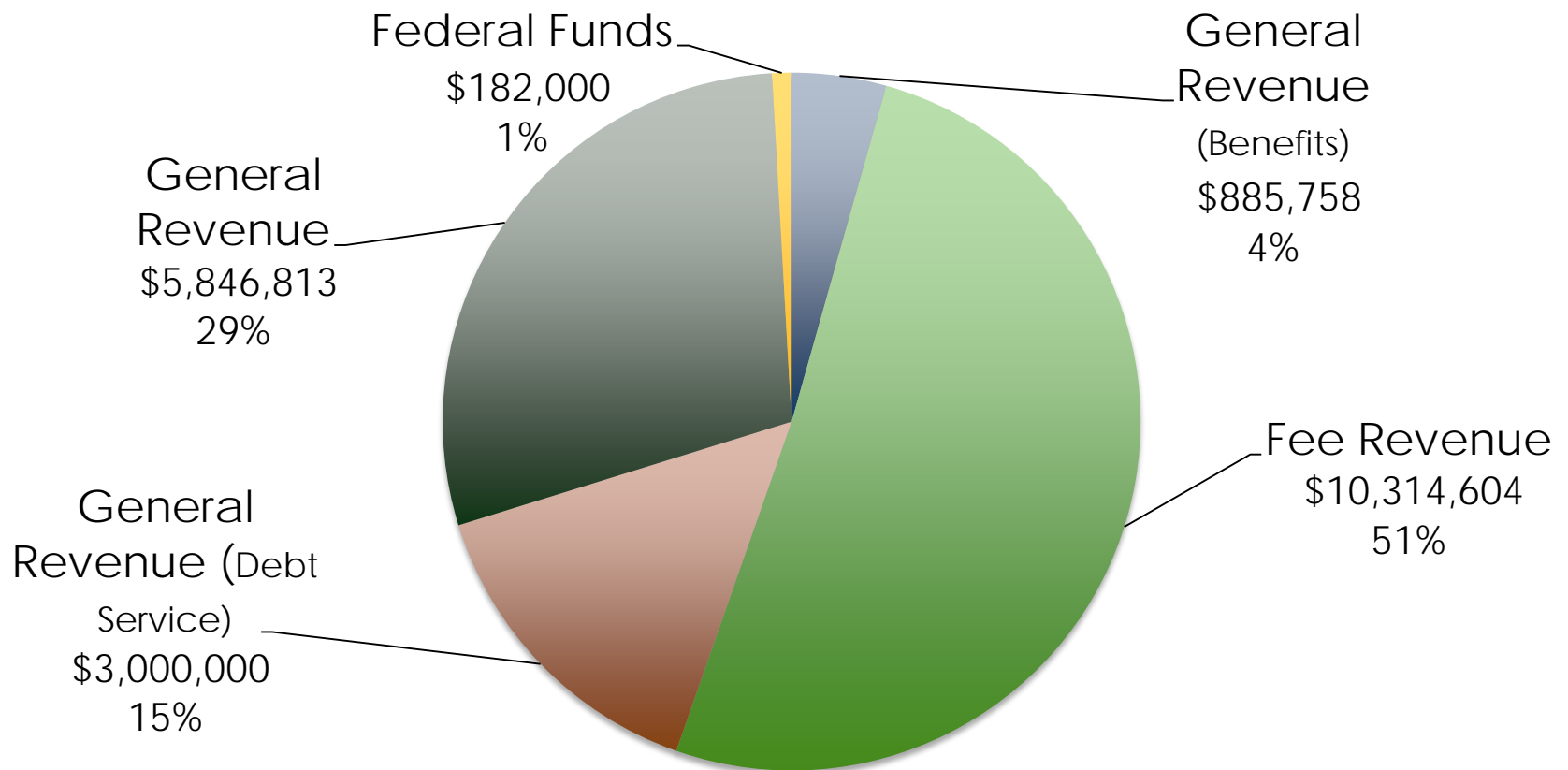
- 165 staff
- Over 30 professional staff who hold a DVM and/or PhD
- 13 professionals with board certifications in their specialty
- Strategically located in the livestock and poultry rich regions of Texas



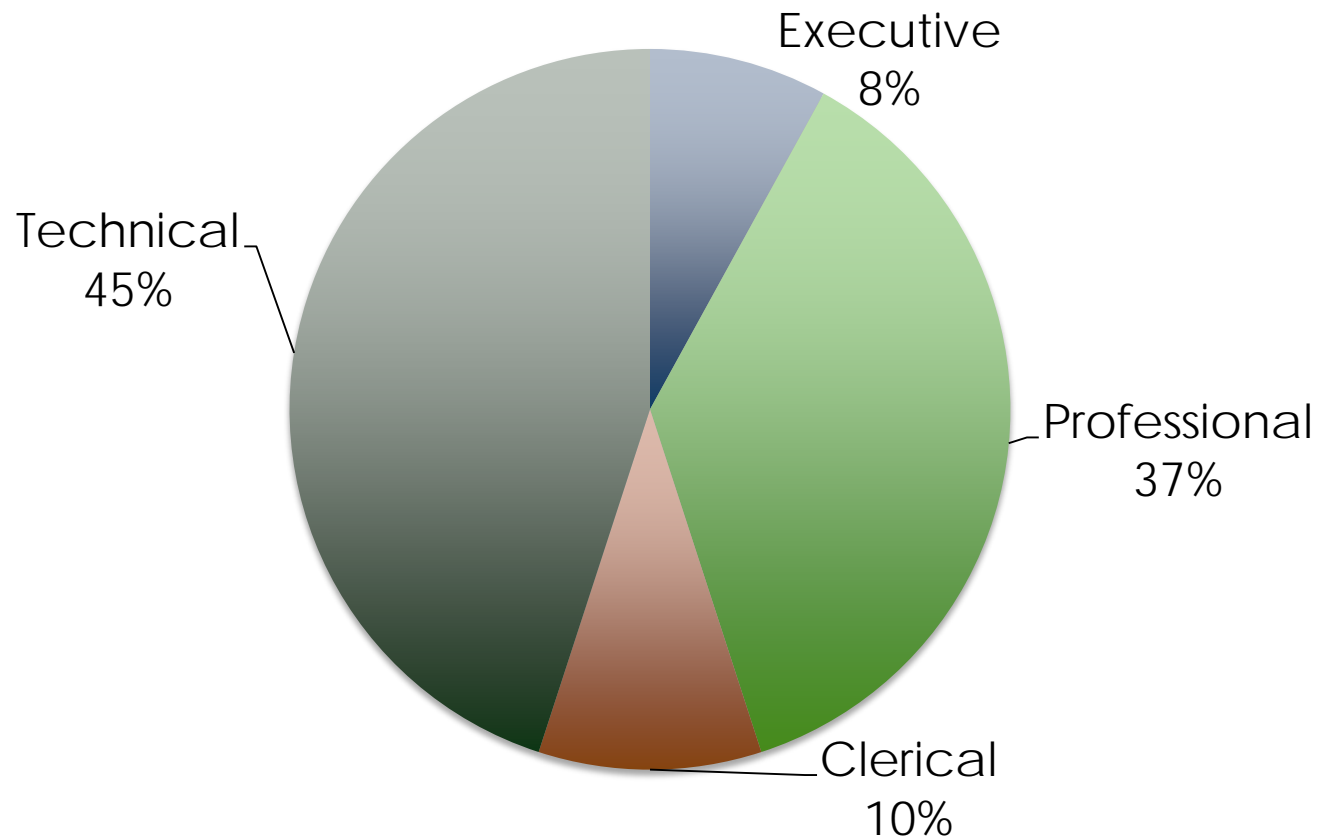
New College Station Laboratory

- Construction expected to last **18 months** (December 2016)
- Provides a state-of-the art facility to perform diagnostics and **enhance services** for animal owners and veterinarians
- Enables **cutting edge veterinary diagnostics and test development**
- Includes laboratory space for diagnostic **training**
- Meet or exceed federal **biosafety and biosecurity** standards
- Supports **accreditation** by American Association of Veterinary Laboratory Diagnosticians

Fiscal Year 2014 Revenue Sources



Fiscal Year 2014 FTEs

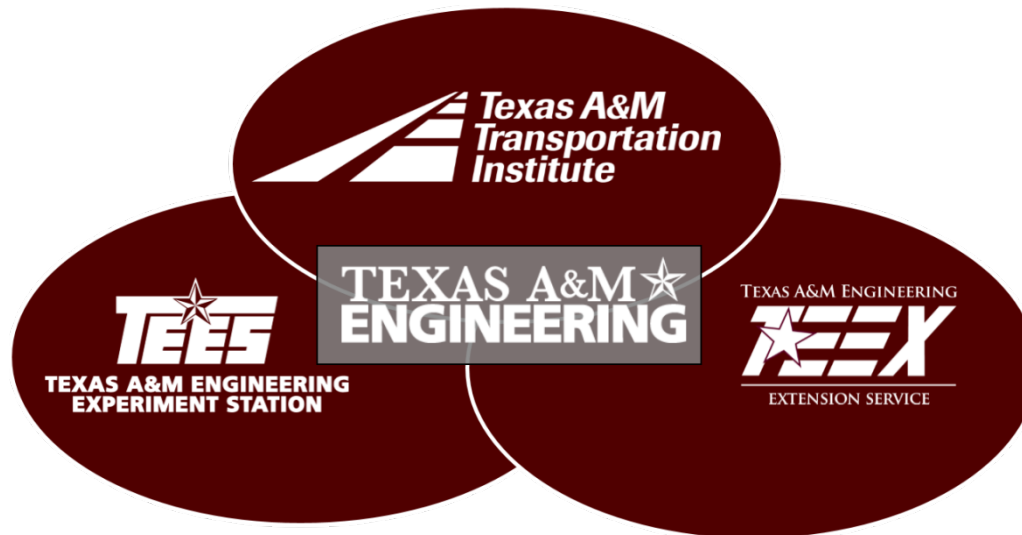


Exceptional Item Request

Veterinary Diagnostic Workforce Development

- \$3.5M/biennium
- **Joint request** with the College of Veterinary Medicine & Biomedical Sciences, Texas A&M University (CVM)
- Enhance training opportunities for the next generation veterinary diagnostic workforce and prepare professional staff for **leadership positions** at CVM, TVMDL, public health and private enterprise
- Focus on **underrepresented technical disciplines** for which there are few other training opportunities in the United States
- Instruct **veterinary students and practitioners** in specialty areas that have a high demand for employment upon graduation including diagnostics, biosurveillance, food safety/security and veterinary public health
- Train **up to 6 residents/year** and add 4 faculty/professional staff to CVM & TVMDL
- Equipment will be purchased to train residents on state-of-the-art technologies

Texas A&M Engineering Program House Appropriations Committee



Presented by

M. Katherine Banks, Ph.D., P.E.

Vice Chancellor and Dean of Engineering

Director, Texas A&M Engineering Experiment Station

The Texas A&M University System

K-banks@tamu.edu or 979.845.1321

February 19, 2015



M. Katherine Banks
Director

Perform high impact research driven by real-world problems, strengthen and expand the state's technology workforce through education and training, and partner with industry to develop and commercialize transformational technology.



Dennis L. Christiansen
Director

Solve transportation problems through research, transfer technology, and develop diverse human resources to meet the transportation challenges of tomorrow.



Gary Sera
Director

Develop a skilled and trained workforce that enhances public safety, security, and the economic growth of Texas and the nation through training, technical assistance, and emergency response.

House Appropriations Committee

Fiscal Years 2016-2017

February 19, 2015



**TEXAS A&M ENGINEERING
EXPERIMENT STATION**



M. Katherine Banks, Ph.D., P.E.
Director, Texas A&M Engineering Experiment Station

k-banks@tamu.edu

979.845.3121

Mission

- Perform quality research to address society's need
- Support the state's workforce through education and training
 - Develop and transfer technology to industry



**Energy Systems
and Services**



**Materials and
Manufacturing**



Health Care



**Education
and Training**

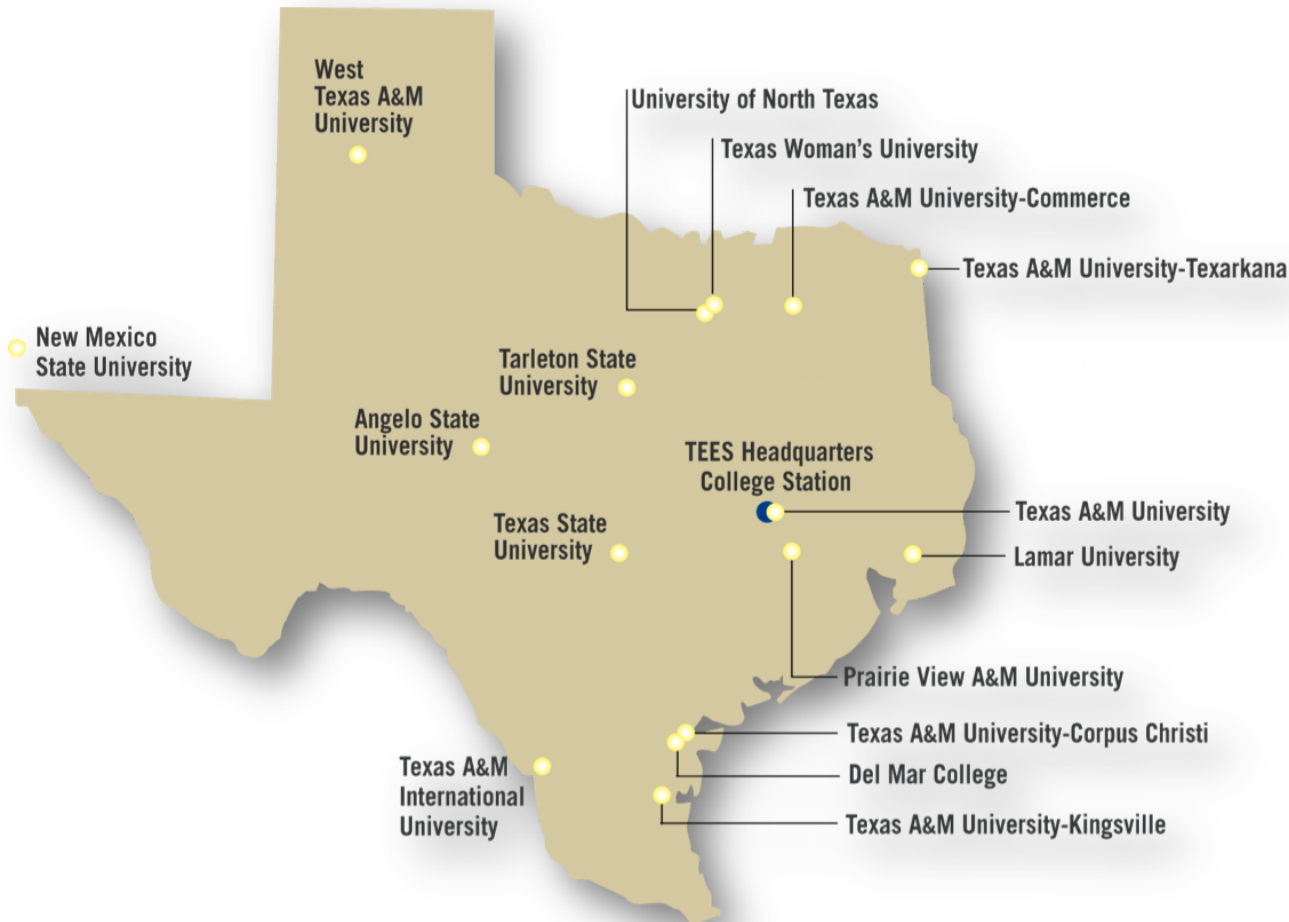


**Information Systems
and Sensors**



Safety and Security

Regional Divisions



TEES

By The Numbers (FY '14)

4,514

research projects

48%

research funding from
federal sponsors

54

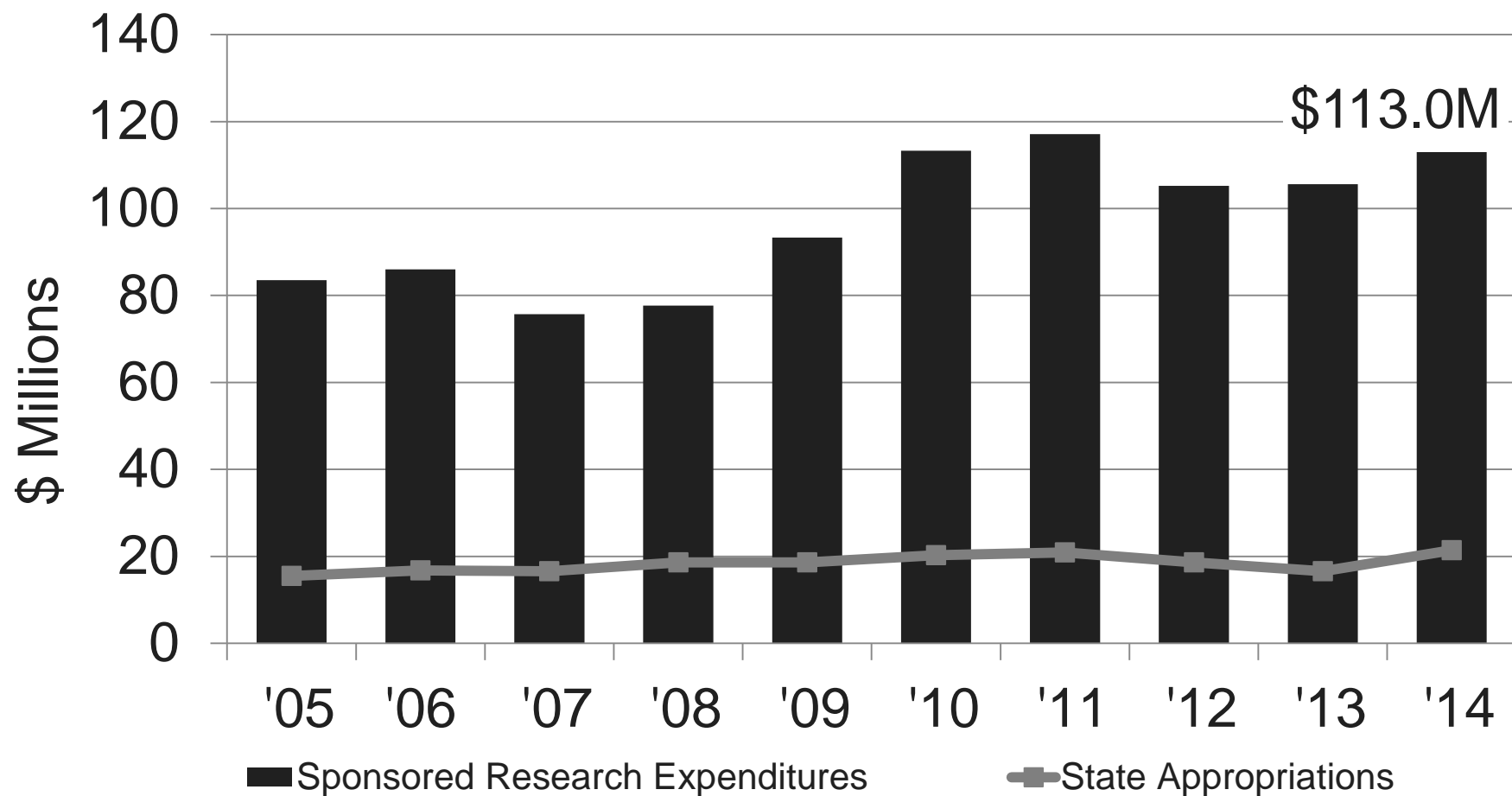
patent applications

2,992

industrial
research sponsors

1,248

students supported
in research activities



State Appropriations Leverage Ratio – 1:13

TEES/TTI Center for Infrastructure Renewal - \$65 Million

Develop 21st century advanced and sustainable materials and structural systems to reduce cost and extend infrastructure safety, resiliency, and durability



Cyber Advanced Manufacturing Initiative - \$8 Million

Position Texas as a leader in the development of a new age of manufacturing – where products will be customized and delivered locally.



Elementary Engineering Education Academy - \$5 Million

Train and mentor 5,000 Texas elementary teachers and 500 school leaders on how to integrate engineering processes into elementary classrooms.



Partnerships with other A&M System entities

- Center on Improving Health through Mobile Technology – Texas A&M Health Science Center
- Lone Star Unmanned Aircraft Systems Center – Texas A&M University-Corpus Christi
- Advanced Remote Sensing and Precision Systems for Natural Resources – Texas A&M AgriLife Research

Texas A&M Transportation Institute House Appropriations Committee

February 19, 2015

Dennis L. Christiansen, P.E.

Director, Texas A&M Transportation Institute
The Texas A&M University System

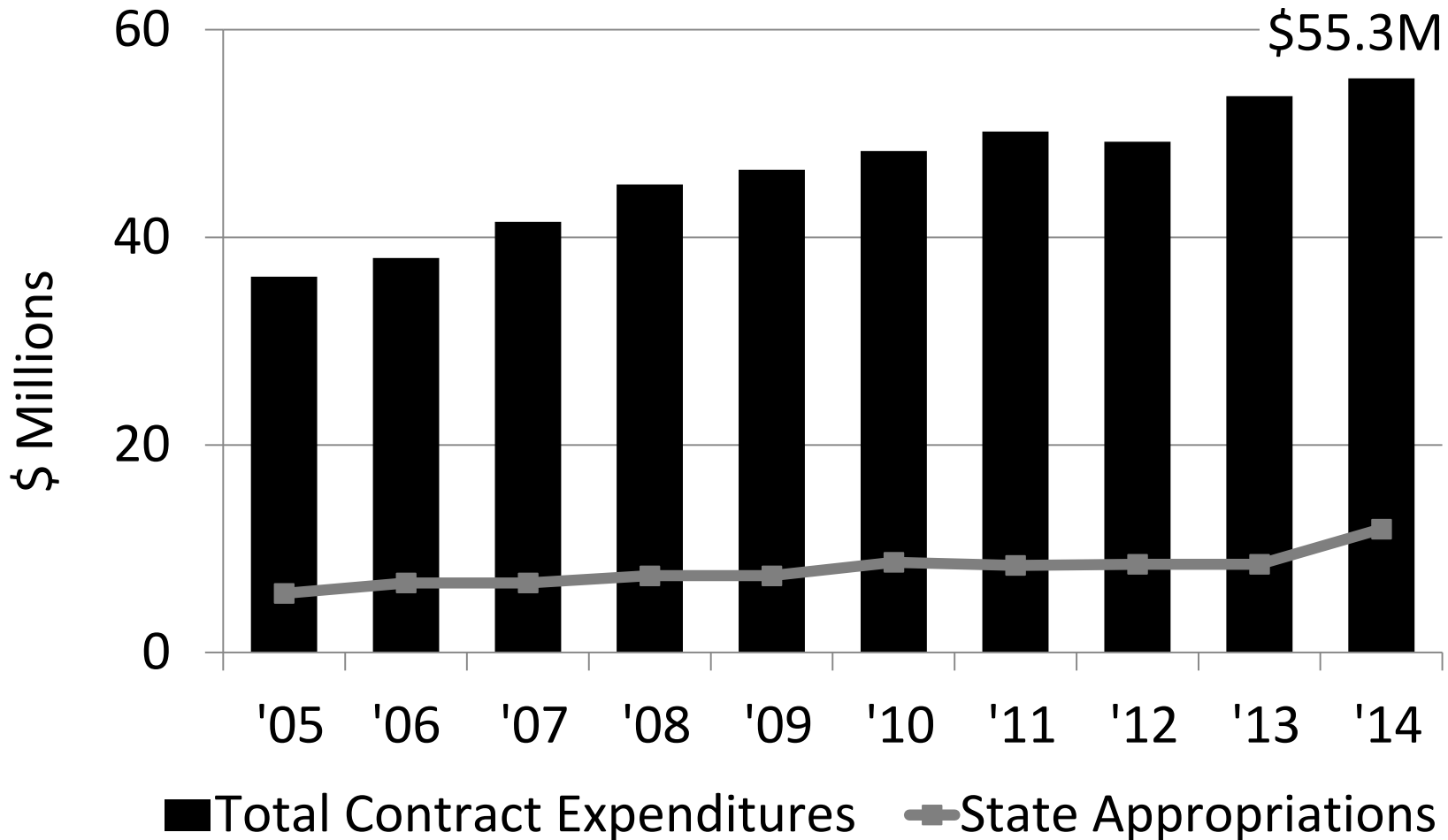


TTI | Saving Lives, Time & Resources

Transportation is a key issue in Texas

- TTI is a unique Texas asset and a recognized proactive leader in transportation
- TTI research results have been implemented on virtually every mile of highway in Texas
- TTI has effectively advanced key policy discussions
- TTI has an established reputation for providing objective, credible independent information
- TTI research mission addresses all transportation modes, with 200+ sponsors/year

Contract Research Expenditures



State Appropriations Leverage Ratio – 1:9

Request

- Restore \$2,250,000/year funding to Legislative Resource program

Rationale

- \$3M/year provides objective information to support decisions on \$10+ billion/year in transportation expenditures
- Provides one definitive set of numbers and data that is used statewide in transportation discussions
- Maintains critical data bases and revenue and economic models
- Closely directed by legislative transportation leadership
- Extensively used by legislature (FY 2014-15; through Dec. 2014)
 - Legislative inquiries – 62 from 40 legislative offices
 - Interim testimony – 10 (most transportation-related hearings)
 - Research reports delivered – 22
 - Presentations/Briefings to legislative organizations - 5

Exceptional Item Request



Integrated Crash & Injury Data Analysis, \$2.3M/year

- Safety is a major concern; in the last 10 years:
 - Over 34,000 Texans died in traffic crashes, more than 2.5 million injured
 - Estimated economic cost – over \$200 billion

Objective – to analyze trauma, crash, citation, engineering and EMS data to enhance crash prevention, emergency response and injury treatment

Partners – TxDOT, DPS, DSHS, School of Public Health (TAMUHSC), Center for Translational Injury Research (UTHSC – Houston)

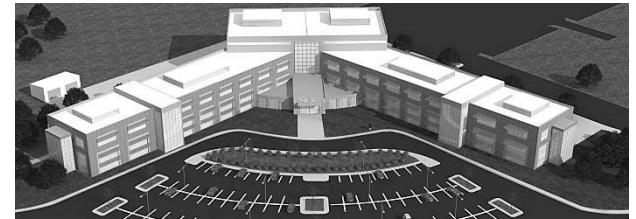
Results can be based on real data:

- Enhanced enforcement resource deployment
- Roadway safety improvements based on injury type and cost
- Proper EMS response
- Trauma care improvements through greater understanding of injuries



Center for Infrastructure Renewal facility

- Joint capital project request with TEES
- Unique facility in the state to perform large-scale testing; develop field-ready infrastructure monitoring sensor techniques; characterize and evaluate performance of advanced construction and pavement materials

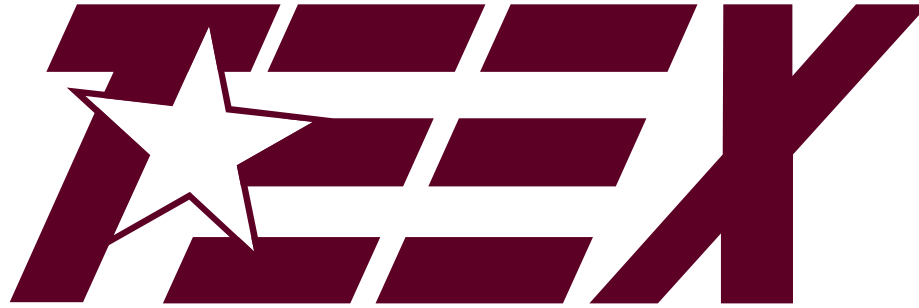


Concluding remarks

For each \$1 million invested in transportation research:

- 5 lives saved, 460 traffic crashes avoided
- 500,000 person-hours of traffic delay eliminated
- Benefit/cost ratio greater than 6

TEXAS A&M ENGINEERING



EXTENSION SERVICE

HOUSE APPROPRIATIONS COMMITTEE

Fiscal Years 2016-2017

Gary Sera

Director, Texas A&M Engineering Extension Service
The Texas A&M University System

February 2015

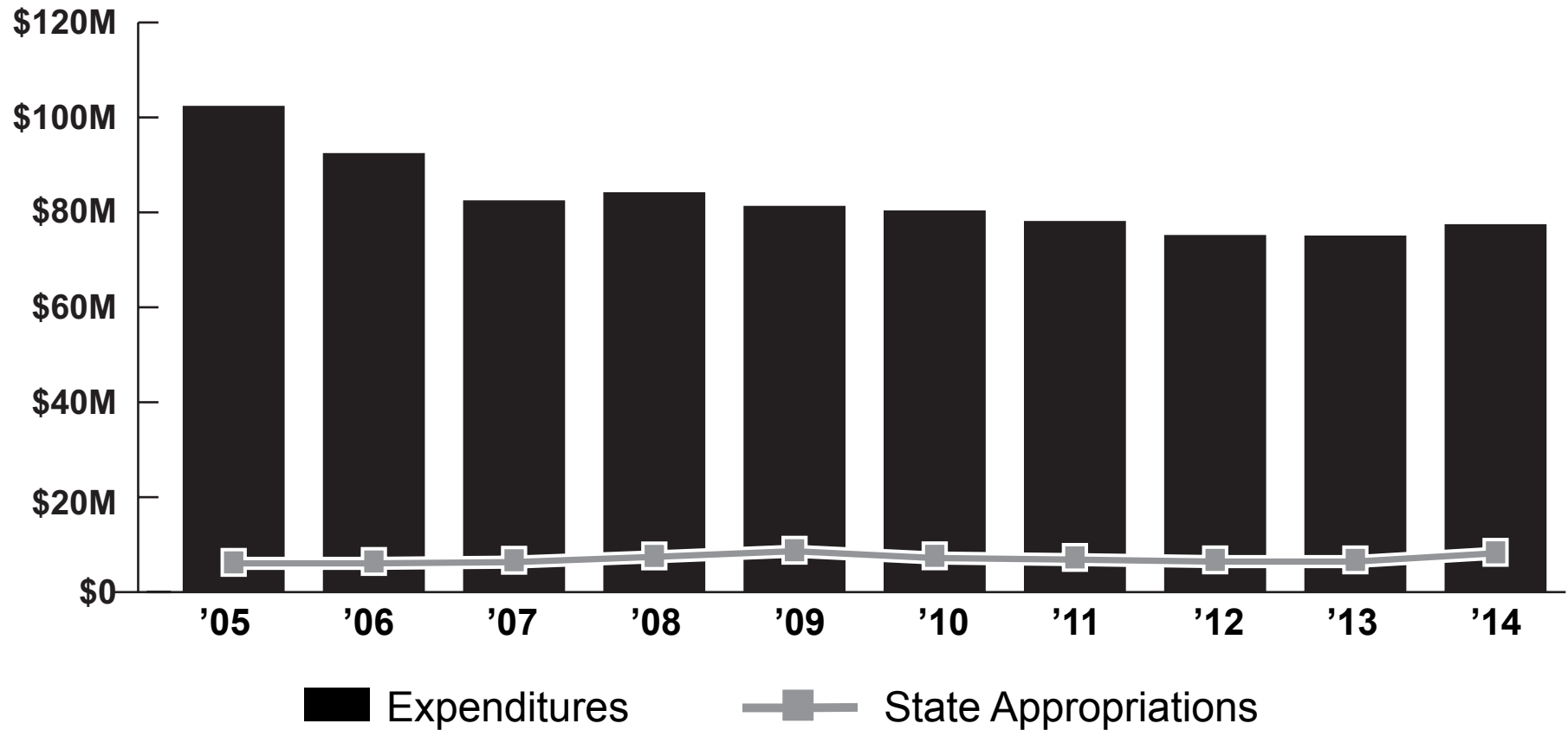
The **Texas A&M Engineering Extension Service** makes a difference by providing training, developing practical solutions, and saving lives.

TEEX Training is delivered in all 254 counties, covering 94% of Texas communities

- Fire and Rescue
- Public Works & Occupational Safety
- Economic & Workforce Development
- Law Enforcement
- Homeland Security
- Product Development
- Cybersecurity
- Disaster Response (TX-TF1)

Expenditures

169,402 People Served ★ 2.7 Million Total Contact Hours ★ 6,652 Classes Conducted



General Revenue Leverage Ratio – 1:9

Emergency Response Support Since Last Session



Texas Task Force 1 Deployments: 5 State (TDEM) and
3 Federal (FEMA)



State Deployments (Texas Division of Emergency Management)

Nueces River Flooding

San Antonio Flooding

West Fertilizer Plant Explosion

Del Rio/Brackettville Flooding

Pecos Floods

Federal Deployments

Colorado Floods (FEMA IST Cache)

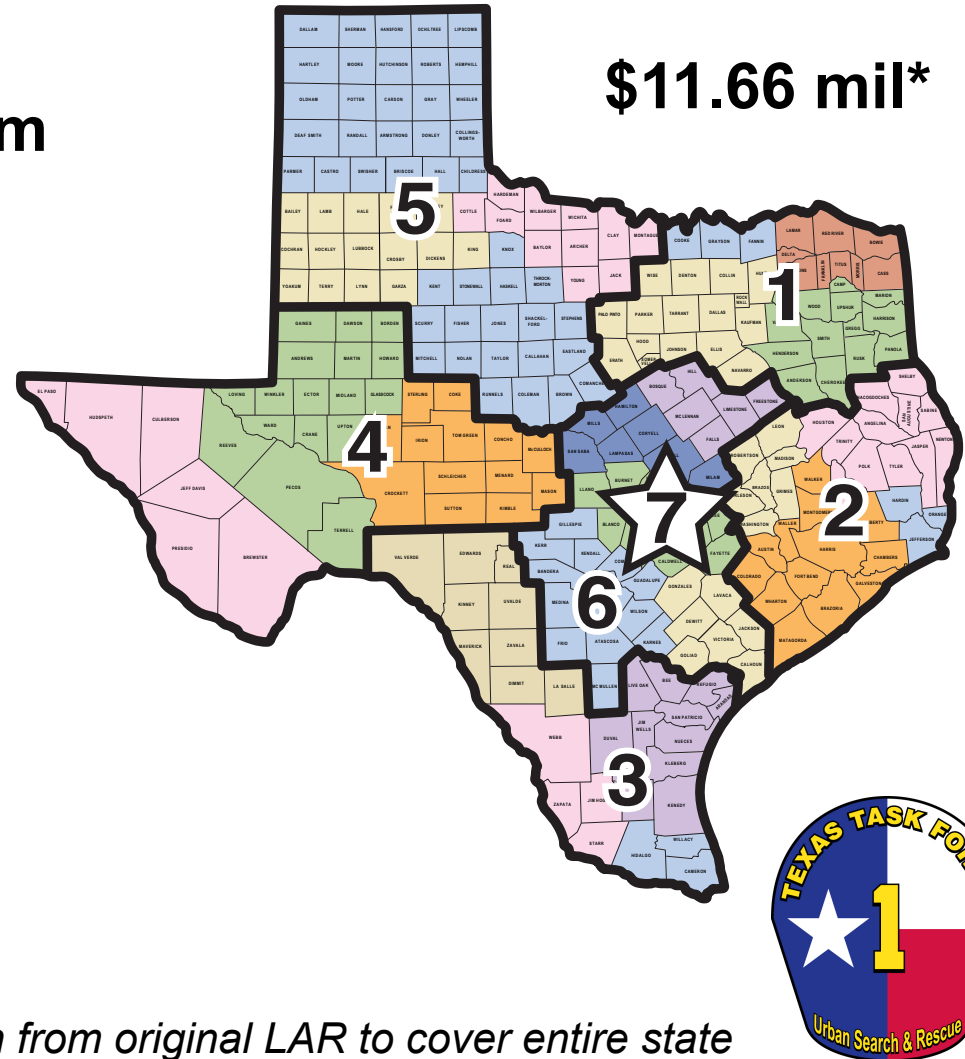
Oklahoma Tornado (FEMA Type 1 and IST Cache)

Arkansas Tornado (FEMA Type I)

Exceptional Items

Search and Rescue Regional Response System

- Provides Urban Search and Rescue Teams in all DPS Regions
- Significantly Reduces Response Time
 - Save Lives
 - Protects Infrastructure
 - Speeds Recovery



** Includes additional \$2 million from original LAR to cover entire state*

Texas Law Enforcement Extension Rural Training Infrastructure (\$1 Million)

- Delivers cost efficient regionalized training for rural law enforcement agencies in:
 - Self-Aid Buddy Aid
 - Forensic Science
 - SWAT
 - Ordnance Recognition
 - Defensive Tactics



Career and Advanced Manufacturing Training Program for High Schools (\$2.3 Million)

- Provides students with career ready certifications and equips teachers to prepare students to pass industry certification exams for:
 - Water and Waste Water
 - CNC and Welding
 - Construction Safety
 - Basic Emergency Medical Technicians