

**Health Related Institutions
Summary of Recommendations - Senate**

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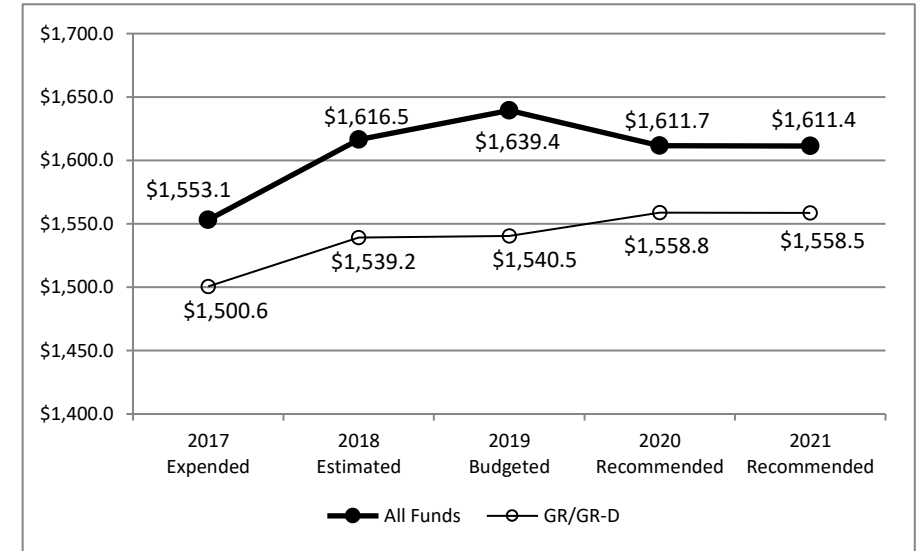
Method of Financing	2018-19 Base	2020-21 Recommended	Biennial Change (\$)	Biennial Change (%)
General Revenue Funds	\$2,854,980,910	\$2,903,253,100	\$48,272,190	1.7%
GR Dedicated Funds	\$224,705,699	\$214,130,010	(\$10,575,689)	(4.7%)
<i>Total GR-Related Funds</i>	<i>\$3,079,686,609</i>	<i>\$3,117,383,110</i>	<i>\$37,696,501</i>	<i>1.2%</i>
Federal Funds	\$0	\$0	\$0	0.0%
Other	\$176,185,610	\$105,663,252	(\$70,522,358)	(40.0%)
All Funds	\$3,255,872,219	\$3,223,046,362	(\$32,825,857)	(1.0%)

	FY 2019 Budgeted	FY 2021 Recommended	Biennial Change	Percent Change
FTEs	13,186.9	13,309.8	122.9	0.9%

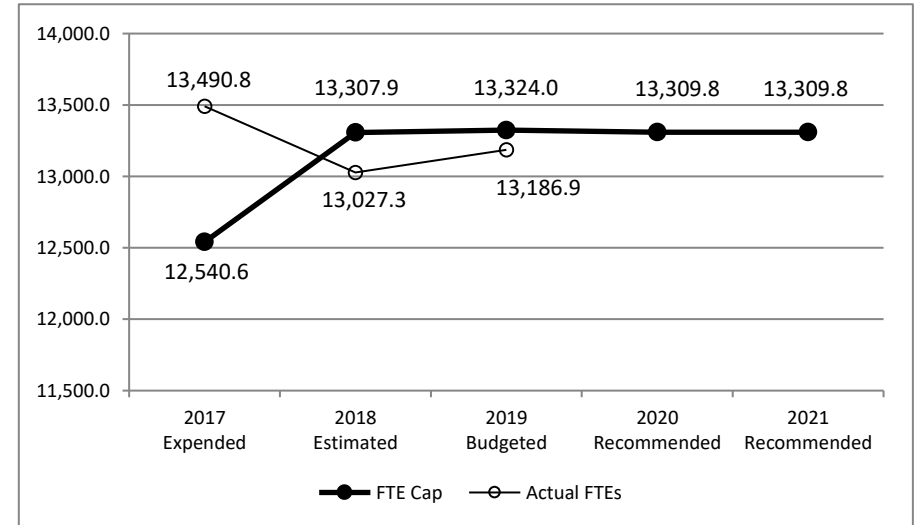
Agency Budget and Policy Issues and/or Highlights

The Health Related Institutions (HRIs) Summary of Recommendations packet includes budget and policy recommendations for the twelve Health Related Institutions that received formula funding in the 2018-19 biennium, including The University of Texas (UT) at Austin Dell Medical School and The University of Texas Rio Grande Valley (UTRGV) School of Medicine. Recommendations also include budget and policy recommendations for Baylor College of Medicine, which are reflected in the Texas Higher Education Coordinating Board bill pattern. Funding recommendations for Baylor College of Medicine are not included in the funding totals provided on this page.

Historical Funding Levels (Millions)



Historical Full-Time-Equivalent Employees (FTEs)



**Health Related Institutions
Summary of Funding Changes and Recommendations - Senate**

Funding Changes and Recommendations for the 2020-21 Biennium compared to the 2018-19 Base Spending Level (in millions)		General Revenue	GR-Dedicated	Federal Funds	Other Funds	All Funds
<i>SIGNIFICANT Funding Changes and Recommendations (each issue is explained in Section 3 and additional details are provided in Appendix A):</i>						
A)	Maintaining 2018-19 formula rates for all HRI formulas.	\$48.8	\$0.0	\$0.0	\$0.0	\$48.8
B)	Tuition revenue bond debt service.	(\$0.5)	\$0.0	\$0.0	\$0.0	(\$0.5)
C)	GR-D decrease reflects differences between 2018-19 tuition collections and 2020-21 tuition estimates.	\$0.0	(\$10.1)	\$0.0	\$0.0	(\$10.1)
<i>OTHER Funding Changes and Recommendations (these issues are not addressed in Section 3 but details are provided in Appendix A):</i>						
D)	Board Authorized Tuition estimate for the 2020-21 biennium.	\$0.0	(\$0.5)	\$0.0	\$0.0	(\$0.5)
E)	Decrease reflects 2018-19 distributions from the Tobacco Funds compared to 2020-21 estimates.	\$0.0	\$0.0	\$0.0	(\$70.5)	(\$70.5)
TOTAL SIGNIFICANT & OTHER Funding Changes and Recommendations HRI Bill Patterns (in millions)		\$48.3	(\$10.6)	\$0.0	(\$70.5)	(\$32.8)
<i>SIGNIFICANT & OTHER Funding Increases</i>		\$48.8	\$0.0	\$0.0	\$0.0	\$48.8
<i>SIGNIFICANT & OTHER Funding Decreases</i>		(\$0.5)	(\$10.6)	\$0.0	(\$70.5)	(\$81.6)

NOTE: Totals may not sum due to rounding.

**Health Related Institutions
Selected Fiscal and Policy Issues – Senate**

1. **Funding Overview for Health Related Institutions (HRIs).** Appropriations for HRIs are composed mainly of General Revenue, General Revenue-Dedicated (GR-D) funds, which are primarily statutory tuition and fee revenue, and Other funds for tobacco endowment earnings. Appropriations are provided to HRIs as lump sum amounts. Unlike other state agencies, institutions of higher education are not bound to spend the appropriation within the specified strategy. HRIs also collect non-appropriated funds, including designated funds (e.g. designated tuition, interest on local funds, restricted funds, earnings on endowments, contracts, gifts, and grants), auxiliary income, and patient income. These funds are not appropriated by the General Appropriations Act (GAA).

Health related institutions are appropriated funding primarily through the following: formula funding, tuition revenue bond (TRB) debt service, certain hospital and dental clinic operations, non-formula support items (formerly called special items), and tobacco endowment funds. Since formula funding varies each biennium due to changes in the institution's enrollment and other formula drivers, the institutions do not request this funding in their Legislative Appropriations Requests (LARs). Instead, each HRI submits an LAR for non-formula funding. While the General Revenue appropriated to an HRI is sum certain, appropriations of GR-D funds for statutory tuition are estimated. If tuition revenue collected by an institution is different than the amount appropriated in a biennium, the institution adjusts spending to the revenue collected. Recommended GR-D levels are established based on a tuition estimate of the most recent year of tuition collections at an institution.

In addition, each HRI submits a Legislative Appropriations Request (LAR) for non-formula General Revenue funding. Since formula funding varies each biennium due to changes in the institution's enrollment and other formula drivers, the institutions do not request formula funding.

2. **Formula Funding Recommendations.** HRIs receive funding through six formulas: Instruction and Operations Support, Infrastructure Support, Research Enhancement, Graduate Medical Education, and two mission specific formulas for The University of Texas M.D. Anderson Cancer Center (Cancer Center Operations Formula) and The University of Texas Health Science Center at Tyler (Chest Disease Center Operations Formula). Each formula is based on different drivers, such as student enrollment or space needs, and is used to support specific purposes. The data for each formula is reported by the HRIs to the Texas Higher Education Coordinating Board (THECB). THECB compiles the data and provides the information to the LBB, and LBB staff calculate the formula allocations based on this data and the formula mechanisms established in statute. Additional information on each of the six HRI formulas, including formula amounts and rates, is provided in greater detail below in the sections on each of the HRI formulas (see HRI Appendix 1 for a formula run that shows funding amounts allocated to each institution).

Recommendations include \$1,988.0 million in General Revenue for the HRI formulas in the 2020-21 biennium, an increase of \$68.2 million from 2018-19 formula funding levels. Formula funding recommendations are based on maintaining 2018-19 rates for the main HRI formulas, and establishing a new mission-specific formula for The University of Texas Southwestern Medical Center, the Performance Based Research Operations formula, which is funded with \$21.8 million reallocated from Hold Harmless funds appropriated to the institution during the 2018-19 biennium.

By statute, Baylor College of Medicine (BCM) Undergraduate Medical Education (UME) funding is based on the average annual state funding per undergraduate medical student provided for UT Southwestern and UT Medical Branch at Galveston. Under 2020-21 recommendations, Baylor College of Medicine's Undergraduate Medical Education estimated allocation is reduced by \$3.7 million in the 2020-21 biennium compared to the 2018-19 biennium.

Maintaining 2018-19 formula rates in the 2020-21 biennium results in increased General Revenue appropriations for each formula due to the growth of formula drivers, including student enrollment, predicted square feet, research expenditures, number of residents, and other variables.

General Revenue	2018-19 Appropriations	2020-21 Senate Bill 1 as Introduced	Biennial Increase/(Decrease)
All HRI Formulas	\$1,919.8 million	\$1,988.0 million	\$68.2 million

Note: Amounts above include Baylor College of Medicine.

- a) **Instructions and Operations (I&O) Formula.** The I&O Formula provides funding for the ongoing academic and administrative programs of the health related institutions and is the largest source of formula funding for HRIs. I&O funding is allocated to institutions per full-time student equivalent (FTSE), with a funding weight based on the student’s instructional program.

General Revenue	2018-19 Appropriations	2020-21 Senate Bill 1 as Introduced	Biennial Increase/(Decrease)
Instruction and Operations			
I&O Formula: Public HRIs	\$1,099.6 million	\$1,132.5 million	\$32.8 million
Baylor College of Medicine UME	\$76.1 million	\$72.4 million	(\$3.7 million)
Totals Including BCM	\$1,175.7 million	\$1,204.8 million	\$29.1 million
I&O Rate per Weighted FTSE	\$9,431	\$9,431	\$0
Total Weighted FTSEs	60,412.5	62,730.4	2,317.9

Note: Rate is All Funds; amounts are General Revenue.

I&O Formula allocations include \$40.1 million for the Small Class Supplement, a decrease of \$2.1 million from the 2018-19 biennium. Instructional programs at remote locations and the main campus at UTHSC at Tyler with enrollments of less than 200 students at individual campuses receive a small class supplement of \$30,000 per FTSE for dental or medical programs and \$20,000 per FTSE for all other programs to compensate for diseconomies of scale. The Small Class Supplement is distributed on a sliding scale, so that the amount received per student decreases with each additional student added to the program up to 200 students. See HRI Appendix 4 for Small Class Supplement funding levels for each institution.

Baylor College of Medicine is authorized to receive funding for UME based on the average annual state funding per undergraduate medical student provided for The University of Texas Medical Branch at Galveston (UTMB) and The University of Texas Southwestern Medical Center, in accordance with Texas Education Code, Section 61.091 – 61.093. Funding for Baylor UME is appropriated through THECB’s bill pattern. Statute relating to undergraduate medical education for Baylor College of Medicine was established in 1971 when there were five accredited public medical schools in Texas.

- b) **Infrastructure Support Formula.** The Infrastructure Support Formula provides funding for the maintenance and operation of the institutions’ physical plants and equipment.

General Revenue	2018-19 Appropriations	2020-21 Recommendations	Biennial Increase/(Decrease)
Infrastructure Support Formula GR	\$250.1 million	\$250.6 million	\$0.5 million
Infrastructure Support Rate	\$6.11 per predicted SF	\$6.11 per predicted SF	\$0
Total Predicted Square Feet	21,913,160	22,221,229	308,069

Note: Rate is All Funds; amounts are General Revenue.

- c) **Research Enhancement Formula.** Research Enhancement formula allocations provide base funding of \$1,412,500 per year to each institution plus 1.16 percent of the institution’s fiscal year 2017 research expenditures as reported to THECB. Recommendations continue to include research conducted by faculty of an HRI under contract with a clinical partner in the formula allocations. The Research Enhancement Formula consists entirely of General Revenue.

General Revenue	2018-19 Appropriations	2020-21 Recommendations	Biennial Increase/(Decrease)
Research Enhancement Formula GR	\$80.6 million	\$82.2 million	\$1.5 million
Research Enhancement Rate	1.16% plus base rate of \$1.4 million	1.16% plus base rate of \$1.4 million	-
Research Expenditures	\$2,010.6 million	\$2,077.1 million	\$66.5 million

- d) **Graduate Medical Education (GME) Formula.** The GME Formula supports residency training and faculty costs related to GME and is supported entirely by General Revenue. Baylor College of Medicine receives funding through the GME formula for medical residents in accordance with Texas Education Code, Section 61.097. See Section 3a for additional information on other GME appropriations in Article III.

General Revenue	2018-19 Appropriations	2020-21 Recommendations	Biennial Increase/(Decrease)
GME Formula Funding			
Public HRIs	\$74.7 million	\$79.0 million	\$4.3 million
Baylor College of Medicine	\$15.4 million	\$16.8 million	\$1.4 million
Total with BCM	\$90.1 million	\$95.8 million	\$5.6 million
GME Rate per Resident	\$5,824	\$5,824	\$0
Total Residents	7,739	8,223	484

- e) **Mission Specific Formulas.** The Cancer Center Operations Formula is based on the number of Texas cancer patients treated at M.D. Anderson Cancer Center, and the Chest Disease Center Operations Formula is based on the number of Texas chest disease patients treated at UT Health Science Center at Tyler. Both mission specific formulas are limited to an increase no greater than the rate of increase of total I&O Formula funding. In addition, Senate Bill 1 as Introduced creates a new mission-specific formula for The University of Texas Southwestern Medical Center, the Performance Based Research Operations formula, which is funded with \$21.8 million reallocated from Hold Harmless funds appropriated to the institution during the 2018-19 biennium.

General Revenue	2018-19 Appropriations	2020-21 Recommendations	Biennial Increase/(Decrease)
Cancer Center Operations Formula – UT M.D. Anderson Cancer Center	\$264.8 million	\$272.7 million	\$7.9 million
Cancer Center Rate	\$1,650	\$1,648*	(\$2)
Texas Cancer Patients	80,258	82,725	2,467
Chest Disease Center Operations Formula – UT Health Science Center at Tyler	\$58.4 million	\$60.1 million	\$1.7 million
Chest Disease Rate	\$186	\$183*	(\$3)
Chest Disease Cases	156,364	164,268	7,904
Performance Based Research Operations Formula – UT Southwestern Medical Center	\$0	\$21.8 million	\$21.8 million
Research Operations Rate	NA	TBD	NA
Research Operations Driver	NA	TBD	NA
Grand Total, Mission Specific Formulas	\$323.2 million	\$354.6 million	\$31.4 million

Note: Mission specific formulas are limited to an increase no greater than the rate of increase of total I&O Formula funding for the biennium.

Non-Formula Funding

3. **Non-Formula General Revenue Funding.** General Revenue funding for non-formula strategies, including non-formula support items, workers' compensation, unemployment insurance compensation, dental clinic operations, hospital operations, and lease of facilities is maintained at 2018-19 appropriated levels. Recommendations include \$395.9 million in General Revenue for non-formula support items for the 2020-21 biennium, the same amount as the 2018-19 biennium.
4. **Tuition Revenue Bonds and Debt Service.** Funding for tuition revenue bond and other debt service is recommended at 2020-21 requested amounts, which total \$292.2 million for the 2020-21 biennium, a decrease of \$0.5 million General Revenue from 2018-19 base funding levels due to incremental reductions of debt service obligations associated with bond projects authorized by previous legislatures.
5. **Full-Time Equivalent (FTE) Methodology.** Recommendations set the FTE caps at the FY 2018 actual levels for all appropriated FTEs positions adjusted by 1.0 FTE for every \$250,000 increase/decrease of formula and non-formula funding as compared to the 2018-19 biennium. Recommendations would maintain this FTE calculation for the 86th Legislative Session.
6. **UTMB Hospital Systems Operations Formula.** UTMB requests to convert its Health System appropriations (including its Medical Branch Hospital, Chronic Dialysis Center, and Support for Indigent Care strategies) to a patient-based formula. The formula would be based on the number of primary care, trauma, diabetes, heart/vascular, psychiatry, and telemedicine patients the university serves. For the first biennium, the institution requests the rate be established based on current funding levels, so no additional funding is associated with this request for the 2020-21 biennium. In conjunction with this request, UTMB requests two riders, one in its bill pattern and one in special provisions, to consolidate four existing health systems strategies into a new Health Systems Operations strategy, and, in Special Provisions, to establish and define the provisions of the requested Health Systems Operations formula.

7. **Dental Clinic Operations Formula.** Three institutions receive funding for dental clinic operations: UTHSC Houston, UTHSC San Antonio, and TAMUHSC. These institutions each receive varying amounts of General Revenue funding through a direct appropriation in the Dental Clinic Operations Strategy, ranging from \$74,972 at TAMUHSC for the biennium to \$1.3 million at UTHSC Houston and \$3.2 million at UTHSC San Antonio. These institutions request this funding to be converted into a formula based on the average number of patient visits to undergraduate dental students at a School of Dentistry clinic over a two year base period. The proposed rate of \$45 per visit is based on the amount needed to cover the current operating losses per visit. Based on patient information submitted by the institutions, this rate and methodology would require an increase in General Revenue funds of approximately \$10.1 million above 2020-21 baseline funding levels for Dental Clinic Operations. The DCO proposal would provide an additional \$5.0 million to UTHSC Houston, an additional \$4.6 million to TAMUHSC, and an additional \$0.5 million to UTHSC San Antonio. UTHSC at Houston requests a rider that establishes and defines the provisions of the requested formula.
8. **Biomedical Informatics Instruction and Operations (I&O) Weight Adjustment.** UTHSC Houston requests the addition of a new Biomedical Informatics weight of 1.750 in the I&O formula to better cover the costs related to a biomedical informatics program. Currently, biomedical informatics is categorized as an Allied Health program with a weight of 1.0, but biomedical informatics costs have risen faster than other Allied Health professional training. According to the institution, since UTHSC Houston's School of Biomedical Informatics is the only school of its kind in Texas and one of the only freestanding biomedical informatics programs in the nation, the cost structure was unique and difficult to determine when the program was inaugurated. The institution's request for a higher weight is based on the institution's study of the cost structure and formula weights of public health programs (I&O weight of 1.721), whose costs are slightly lower than UTHSC Houston's School of Biomedical Informatics. The most recent THECB Formula Advisory Committee's report also included recommendations for a higher weight for biomedical informatics for the 2020-21 biennium, but the committee did not specify a weight.

No additional funding is requested to change the Biomedical Informatics weight, but increasing the weight would reallocate the funding between institutions in the I&O formula. Currently, UT Health Science Center at Houston is the only institution offering a Biomedical Informatics program. Increasing the Biomedical Informatics weight from 1.0 to 1.750 would increase UT Health Science Center at Houston's total I&O allocation by \$2.1 million. If General Revenue appropriated to the I&O formula was maintained, a corresponding decrease of \$2.1 million would be distributed across other institutions in the I&O formula in proportion to the amount of I&O funding each institution receives. If I&O rates were maintained, the formula would require an additional \$2.1 million of General Revenue.

9. **Informational Item: Medicaid at HRI Hospitals.** There are five HRI-owned hospitals owned by four UT Health Related Institutions: UT M.D. Anderson Cancer Center; UT Health Science Center at Tyler; UT Medical Branch at Galveston; UT Southwestern St. Paul/Clements; and UT Southwestern Zale Lipshy. All HRI-owned hospitals accept traditional Medicaid patients without limits on the number, subject to determination by a physician that admission is medically necessary for the patient. However, over 90 percent of the state's Medicaid population is enrolled in managed care. Some Managed Care Organizations (MCOs) lack contracts or agreements with particular HRI facilities. In such instances, care for a patient in Medicaid Managed Care is contingent upon the HRI-owned facility and the managed care organization reaching an agreement for the treatment of that patient.

Some HRIs, such as M.D. Anderson Cancer Center, have limited contracts with Managed Medicaid plans. As of November 2018, M.D. Anderson is only contracted with Texas Children's Health plan members who are eligible for STAR or Children's Health Insurance Program (CHIP). However, some other non-contracted Managed Medicaid health plans allow treatment at M.D. Anderson through a single-case agreement process. Under this process, Medicaid patients covered by a non-contracted plan must request their health plan to negotiate a single case agreement to allow treatment at M.D. Anderson. Additionally, in some instances, M.D. Anderson will treat Medicaid patients covered by a non-contracted plan based on a Medical Administrative Override policy. This policy is applied when a patient with a complex cancer requires multiple stages of treatment and care, but only receives single case agreements from the MCO for some of the treatments required. A similar Medical Override is applied if a patient changes MCOs in the middle of a treatment regimen and subsequently loses plan coverage at M.D. Anderson, or must negotiate new single case agreements.

Hospitals owned by The University of Texas System and its component institutions also observe uniform policies, including for the provision of emergency services as required by federal law, and have financial assistance mechanisms in place for uninsured and underinsured patients. Hospitals that are affiliated or partnered with HRIs, rather than owned by HRIs, have a variety of policies related to acceptance of Medicaid patients.

**Health Related Institutions
GME Funding Overview - Senate**

1. **Graduate Medical Education Funding.** Recommendations for GME funding in Article III total \$267.1 million, an increase of \$65.8 million from 2018-19 appropriated amounts. Recommendations for the HRI GME formula, which includes Baylor College of Medicine, include \$95.8 million of General Revenue for the 2020-21 biennium, an increase of \$6.3 million. Additionally, the Texas Higher Education Coordinating Board (THECB) receives appropriations for three programs that support GME. Recommendations increase GME Expansion Program funding from \$97.1 million to \$157.2 million, an increase of \$60.1 million, to meet the state’s goal of achieving a 1.1 to 1.0 ratio of first-year GME positions relative to the number of annual medical graduates in the state. Recommendations maintain funding for the Family Practice Residency Program and the emergency and Trauma Care Education Partnership Program, as reflected below. The table below provides an overview of recommended 2020-21 funding levels for HRI GME formula funding and GME programs at THECB with a comparison to 2018-19 funding levels.

Program ¹	2018-19 Appropriated	2020-21 Recommended	Difference	Percent Change
Health Related Institutions				
GME Formula Funding ²	\$90.1 million	\$95.8 million	\$5.6 million	6.3%
Higher Education Coordinating Board				
GME Expansion ³	\$97.1 million	\$157.2 million	\$60.1 million	61.9%
Family Practice Residency Program	\$10.0 million	\$10.0 million	-	-
Emergency and Trauma Care Education Partnership Program	\$4.1 million	\$4.1 million	-	-
TOTAL	\$201.3 million	\$267.1 million	\$65.8 million	32.7%

¹ Residency programs can receive funding through multiple programs. For example, a resident can be funded through the Graduate Medical Education Expansion strategy and through the Graduate Medical Education formula.

² The Graduate Medical Education Formula amounts include funds appropriated for graduate medical education at Baylor College of Medicine through the THECB’s bill pattern.

³ Recommendations for the GME Expansion Program include \$22.0 million of funding from the Permanent Fund Supporting Graduate Medical Education for the 2020-21 biennium. The remainder of GME Expansion funds are General Revenue.

2. **New Medical Schools and Graduate Medical Education (GME).** Funding of Article III GME programs, particularly the GME Expansion Program, is framed by the Texas Education Code, Section 61.0661, which outlines a goal of achieving a 1.1 to 1.0 ratio of first-year GME positions relative to the number of annual medical school graduates in the state. Through a variety of state funding avenues and the growth of residency positions at health related institutions and affiliated teaching hospitals, Texas surpassed the 1.1 to 1.0 goal in fiscal year 2017, creating 1,868 filled, first-year resident positions for a total of 1,660 medical graduates in the state.

However, the growth of medical school enrollment and the creation of new medical schools in Texas has increased the challenge of meeting the 1.1 to 1.0 goal. In the summer and fall of 2016, respectively, The University of Texas at Austin Dell Medical School and The University of Texas Rio Grande Valley School of Medicine matriculated their inaugural classes. Between them, the two new medical schools increased first-year medical school enrollments by 105 new medical students, and both institutions received formula and non-formula funding in the 2018-19 biennium, supporting future expansion. The University of the Incarnate Word, a private osteopathic medical school in San Antonio, enrolled its first 162 osteopathic medical students in fall 2017. In August 2018, the THECB approved a new doctor of osteopathic (D.O.) medicine degree program at Sam Houston State University, which proposes to enroll approximately 150 osteopathic medical students beginning in fall 2020. Notably, representatives of Sam Houston State University and the Texas State University System appended a resolution prior to the THECB vote on the D.O. program that Sam Houston State University will not request, nor if offered will not accept, formula funding from the state. Subsequently, the THECB gave preliminary approval for a

proposed MD degree program at the University of Houston (UH), and for an MD program to be offered jointly by the University of North Texas Health Science Center (UNTHSC) and Texas Christian University (TCU). UH and UNTHSC/TCU propose to enroll their first medical students in fall 2020 and fall 2019, respectively. The statute prohibiting UNTHSC from offering an M.D. degree was repealed by the 85th Legislature.

Other Sources of GME Funding. In addition to GME funding appropriated to HRIs and the THECB in Article III, residency training receives financial support from several other sources, including the following: appropriations to Article II facilities operated by the Health and Human Services Commission (HHSC) and the Department of State Health Services (DSHS); federal Medicaid and Medicare funding; and patient care services, which consist of patient revenues or contract revenues generated by health services that residents provide on behalf of supervising physicians. It is estimated that the average annual cost of educating a medical resident is \$150,000, while the HRI GME Formula funds medical residencies at a rate of \$5,824 per medical resident (2018-19 annual GME rate), or approximately 4.0 percent of the cost of graduate medical education, and the GME Expansion Program provides approximately \$75,000, or approximately 50.0 percent of the cost of graduate medical education.

Residencies at State Mental Health Hospitals. State mental health hospitals, which are operated by HHSC, maintain a total of 55 residency positions at 5 hospitals across the state, as shown in the chart below. Residency stipends at state hospitals and associated administrative costs are funded with General Revenue. Partnerships and affiliation agreements between state hospitals and health related institutions are designed to meet the educational and clinical requirements of accrediting bodies.

Residency Programs at State Hospitals	No. of Residents	Affiliated HRIs
STATE HOSPITALS		
Austin State Hospital	8	UT Austin Dell Medical School UT Health Science Center at San Antonio
San Antonio State Hospital	6	UT Health Science Center at San Antonio
Rio Grande State Center	24	UT Rio Grande Valley School of Medicine UT Health Science Center at San Antonio
Terrell State Hospital	15	UT Southwestern Medical Center UT Health Science Center at Tyler
El Paso Psychiatric Center	2	Texas Tech University Health Science Center
Big Spring State Hospital	0	Texas Tech University Health Science Center
North Texas State Hospital	0	Texas Tech University Health Science Center UT Medical Branch at Galveston UT Health Science Center at Houston
Rusk State Hospital	0	UT Health Science Center at Tyler
Kerrville State Hospital	0	<i>No affiliations with state-funded HRIs</i>
Waco Center for Youth	0	<i>No affiliations with state-funded HRIs</i>
Total	55	

Source: Texas Health and Human Services Commission.

Note: State hospitals may have affiliation agreements with health related institutions for clinical training, health professions training, and other services that are not counted as residency affiliations. Additionally, state hospitals have a variety of academic affiliations with General Academic Institutions, educational institutions of the Armed Forces, and private educational institutions, mainly related to training and services in the health professions, including nursing and mental health.

Medicaid GME. A significant portion of GME costs are financed by federal Medicaid funding provided to HRI-owned teaching hospitals, based on the state plan approved by Centers for Medicare and Medicaid Services (CMS). Every quarter the UT teaching hospitals submit data to HHSC to determine the amount of Medicaid GME each hospital is eligible for, based on a calculation of the number of residents trained and Medicaid utilization at the hospital. The state plan allows HRIs to transfer funds to HHSC as the state share to draw Medicaid funding for GME at HRI-owned teaching hospitals. The table below provides additional information on state and federal payments for Medicaid GME.

2018 Medicaid GME Payments	Federal	State	Total	State Share (%)
HRI-OWNED HOSPITALS				
UT M.D. Anderson Cancer Center	\$485,702	\$368,848	\$854,550	43.2%
UT Health Science Center at Tyler	\$363,369	\$276,161	\$639,531	43.2%
UT Medical Branch at Galveston	\$15,833,488	\$12,031,615	\$27,865,103	43.2%
UT Southwestern St. Paul/Clements	\$1,518,984	\$1,154,593	\$2,673,576	43.2%
UT Southwestern Zale Lipshy	\$41,488	\$31,529	\$73,017	43.2%
Totals	\$18,243,031	\$13,862,746	\$32,105,777	43.2%

Source: The University of Texas System Administration.

Medicare GME. Teaching hospitals, including private teaching hospitals, also receive Medicare funding to support residency programs based on rules established by CMS. Medicare establishes a GME cap at each hospital, based on the number of residency positions a hospital maintains for a period of five years, combined with the proportion of services the hospital provides to Medicare patients. However, because hospitals are given a resident cap for Medicare GME and do not receive additional funding for adding new residency positions, the number of Medicare GME positions increases gradually.

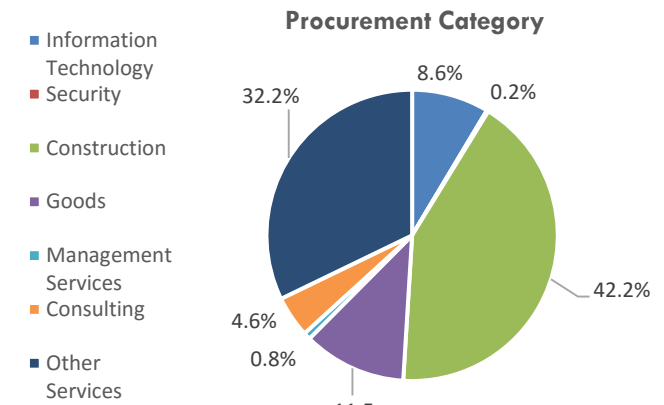
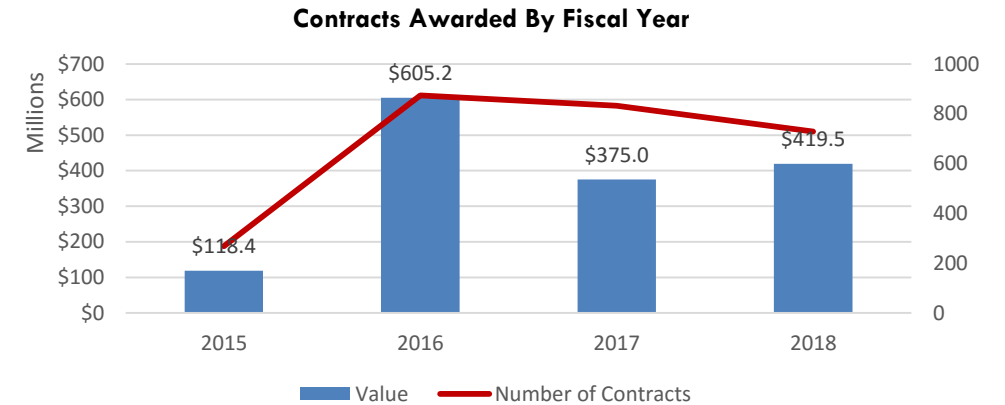
Health Related Institutions
Contracting Highlights

As of 8/31/2018, all Health Related Institutions had 560 active procurement contracts valued at \$1.2 billion and 89 revenue generating contracts worth \$48.2 million.

Summary of Contracts Awarded in Fiscal Years 2017-2018 and Reported to LBB Contracts Database ¹

(Dollar values rounded to the nearest tenth of a million)

	Number	Total Value	Average Value	% of total
Procurement Contracts	1,562	\$ 794.5	\$ 0.5	100%
Award Method				
Total Competitive Contracts	926	\$ 592.5	\$ 0.6	74.6%
Total Non-Competitive	636	\$ 202.0	\$ 0.3	25.4%
Emergency	2	\$ 0.1	\$ 0.1	0.0%
Sole Source	626	\$ 197.0	\$ 0.3	24.8%
Interagency Agreement	8	\$ 4.9	\$ 0.6	0.6%
Procurement Category				
Information Technology	263	\$ 68.2	\$ 0.3	8.6%
Security	9	\$ 1.5	\$ 0.2	0.2%
Construction	169	\$ 335.4	\$ 2.0	42.2%
Goods	326	\$ 91.2	\$ 0.3	11.5%
Management Services	21	\$ 6.3	\$ 0.3	0.8%
Consulting	94	\$ 36.4	\$ 0.4	4.6%
Other Services	680	\$ 255.6	\$ 0.4	32.2%
Revenue Generating Contracts				
Competitive	52	\$ 8.4	\$ 0.2	13.4%
Non-competitive	48	\$ 54.3	\$ 1.1	86.6%



¹These figures reflect the total value of reported contracts awarded in FY 17-18 and reported to the LBB contracts database. Values can include planned expenditures for subsequent years and represent the amounts contracted which may include funds from sources other than appropriated or General Revenue Funds. INDEF represents contracts without a completion date.

**Health Related Institutions
Rider Highlights – Senate**

The University of Texas Southwestern Medical Center

New Riders

6. **Performance-Based Research Operations Formula.** New rider establishes the intent of the legislature that a performance-based research operations formula be developed by the Eight-sixth Legislature, Regular Session, 2019 for UT Southwestern Medical Center.

The University of Texas Medical Branch at Galveston

Modification of Existing Riders

4. **Transfer of Appropriations – State Owned Hospitals.** Rider amended to update the amount of intergovernmental transfer funds provided to the Health and Human Services Commission in 2020-21.
9. **Informational Listing – The University of Texas Medical Branch at Galveston Patient Income.** Rider amended to update estimated patient income collections and estimated FTE positions funded with patient income.

Deleted Riders

10. **Health Care Services.** Rider deleted due to the transfer of the Cervical Dysplasia and Cancer Stop Clinic in McAllen to The University of Texas Rio Grande Valley School of Medicine.

The University of Texas Health Science Center at Houston

Modification of Existing Riders

4. **Informational Listing – The University of Texas Health Science Center at Houston Patient Income.** Rider amended to update estimated patient income collections and estimated FTE positions funded with patient income.

The University of Texas Health Science Center at San Antonio

Modification of Existing Riders

4. **Informational Listing – The University of Texas Health Science Center at San Antonio Patient Income.** Rider amended to update estimated patient income collections and estimated FTE positions funded with patient income.

Deleted Riders

3. **Services Provided in Support of the Regional Academic Health Center (RAHC) and The University of Texas Rio Grande Valley School of Medicine.** Rider deleted due to the transfer of responsibility for the RAHC from UT Health Science Center at San Antonio to The University of Texas Rio Grande Valley School of Medicine.

The University of Texas M.D. Anderson Cancer Center

Modification of Existing Riders

2. **Transfer of Appropriations – State Owned Hospitals.** Rider amended to update the amount of intergovernmental transfer funds provided to the Health and Human Services Commission in 2020-21.
7. **Informational Listing – The University of Texas M.D. Anderson Cancer Center Patient Income.** Rider amended to update estimated patient income collections and estimated FTE positions funded with patient income.
3. **Special Project Funding.** Rider amended to allow UT M.D. Anderson Cancer Center to expend PUF funds, accept gifts and grants, administer support facilities, and acquire, construct, alter, add to, repair, rehabilitate, equip and/or furnish such projects for the institution, but removes the rider provision that such actions are “subject to approval of the Texas Higher Education Coordinating Board.” The rider amendment is based on changes authorized in SB 215 by the 83rd Legislature.

The University of Texas Health Science Center at Tyler

Modification of Existing Riders

2. **Transfer of Appropriations – State Owned Hospitals.** Rider amended to update the amount of intergovernmental transfer funds provided to the Health and Human Services Commission in 2020-21.
4. **Informational Listing – The University of Texas Health Science Center at Tyler Patient Income.** Rider amended to update estimated patient income collections and estimated FTE positions funded with patient income.

Texas A&M University Health Science Center

Modification of Existing Riders

7. **Informational Listing – Texas A&M Health Science Center Patient Income.** Rider amended to update estimated patient income collections and estimated FTE positions funded with patient income.

University of North Texas Health Science Center

Deleted Riders

4. **Parking Garage Debt Service.** Rider deleted due to the TRB being paid in full in fiscal year 2019.

**Health Related Institutions
Items Not Included in Recommendations - Senate**

		2020-21 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2022-23
		GR & GR-D	All Funds	FTEs			
Institution Exceptional Items Not Included (in institution priority order)							
The University of Texas Southwestern Medical Center							
1)	Center for Gene Therapy & Curative Medicine. Additional funding to support gene therapy research and translate discoveries into clinical testing.	\$18,000,000	\$18,000,000	90.0	N	N	\$18,000,000
2)	Texas Center for Advanced Radiation Therapy (TCART). Additional funding to develop a Heavy Ion Research and Treatment Center.	\$9,000,000	\$9,000,000	50.0	N	N	\$9,000,000
3)	UT Dallas / UT Southwestern Translational Biomedical Engineering and Science Building. TRB debt service funding to construct a new Biomedical Engineering and Science Building for a joint program of UT Dallas and UT Southwestern. Requested General Revenue is for UT Southwestern's share of the debt service on \$60 million of TRBs. The total TRB request for the project is \$120 million, shared equally by the two institutions.	\$10,460,000	\$10,460,000	0.0	N	Y	\$10,460,000
Total - The University of Texas Southwestern Medical Center		\$37,460,000	\$37,460,000	140.0			\$37,460,000
The University of Texas Medical Branch at Galveston							
1)	Restoration of Reductions from the 85th Legislative Session. Additional funding to restore reductions to Medical Branch hospitals, students in medically underserved areas, programs and staff in the Area Health Education Centers, and indigent care support.	\$11,084,724	\$11,084,724	43.6	N	N	\$11,084,724
2)	League City Campus Education and Clinical Building. TRB debt service funding to construct an Education and Clinical Multi-Use Building on the institution's League City Campus to increase space available for instruction, research, outpatient services, clinical trials, faculty offices, conference areas, and other functions. Requested General Revenue is for debt service on a total TRB request of \$157 million.	\$27,380,000	\$27,380,000	0.0	N	N	\$27,380,000
Total - The University of Texas Medical Branch at Galveston		\$38,464,724	\$38,464,724	43.6			\$38,464,724

**Health Related Institutions
Items Not Included in Recommendations - Senate**

		2020-21 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2022-23
		GR & GR-D	All Funds	FTEs			
The University of Texas Health Science Center at Houston							
1)	Women's Health Education and Research Center. Requested funding to create a center that recruits faculty and researchers, promotes research, and trains a workforce to address the health needs of Texas women.	\$18,000,000	\$18,000,000	30.0	N	N	\$18,000,000
2)	Texas Medical Center 3 (TMC3) Research Building. TRB debt service funding to construct a new research building jointly with M.D. Anderson Cancer Center. Requested General Revenue is for UT Health Houston's share of the debt service on \$100 million of tuition revenue bonds. The total TRB request for the project is \$200 million, shared equally between UTHSC Houston and M.D. Anderson. The total project cost is estimated at \$511.0 million, the remainder covered by other sources of funds, including \$73.0 million of funding from the UT System Administration.	\$17,440,000	\$17,440,000	0.0	N	N	\$17,440,000
3)	Restoration of Non-Formula Funding Items. Additional funding to restore the non-formula reductions made in the 85th Legislative Session, distributed across non-formula support strategies.	\$3,523,394	\$3,523,394	7.1	N	N	\$3,435,568
Rider Revisions Requested by Institution but not Recommended							
1)	Rider 7, Psychiatry and Behavioral Sciences Research. The institution requests to change the name of Rider 7, Psychiatric Sciences to Psychiatry and Behavioral Sciences Research, to reflect the name of the non-formula support item approved for 2018-19.						
Total - The University of Texas Health Science Center at Houston		\$38,963,394	\$38,963,394	37.1			\$38,875,568
The University of Texas Health Science Center at San Antonio							
1)	Barshop Institute for Longevity and Aging Studies - Alzheimer's Research. Additional funding to expand infrastructure, pursue new research collaborations, sustain a subject registry and repository, create community research teams, maintain data management platforms, modernize translational research infrastructure, train new faculty, and recruit scientists.	\$12,700,000	\$12,700,000	20.0	N	N	\$12,700,000
2)	Restoration of Funding – Regional Campus Laredo (RCL). Additional funding to restore reductions made in the 85th Legislative Session to dental medicine, allied health, and other basic healthcare programs that serve the region through the Regional Campus at Laredo.	\$1,513,628	\$1,513,628	6.0	N	N	\$1,513,628

**Health Related Institutions
Items Not Included in Recommendations - Senate**

		2020-21 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2022-23
		GR & GR-D	All Funds	FTEs			
3)	Restoration of Funding – San Antonio Life Sciences Institute (SALSI). Additional funding to restore reductions for items that supported joint studies and collaborations on faculty development, research, and research education.	\$352,000	\$352,000	0.0	N	N	\$352,000
4)	Restoration of Funding – Outreach Support for South Texas Programs. Additional funding for items reduced in the 85th Legislative Session to support healthcare services, educational services, and outreach programs in the South Texas border region.	\$134,540	\$134,540	1.0	N	N	\$134,540
5)	Institute for Alzheimer’s & Neurodegenerative Diseases Building. TRB debt service request to construct a new facility for the Glenn Biggs Institute for Alzheimer’s and Neurodegenerative Diseases Institute (ANDI). The facility would expand space available for clinical research, population neuroscience, basic biological science, education and training, public health, policy, and community engagement. The General Revenue request is for debt service on a total TRB request of \$82 million, which is sufficient to cover the total estimated cost of the project.	\$14,300,000	\$14,300,000	0.0	N	N	\$14,300,000
Rider Revisions Requested by Institution but not Recommended							
1)	Rider 7, Barshop Institute for Longevity and Aging Studies. The institution requests the following modifications to the rider: (a) to modify the name of the rider to Unexpended Balances Between Fiscal Years: Barshop Institute for Longevity and Aging Studies; (b) to delete the section specifying the amount appropriated to the Barshop Institute each fiscal year; and (c) to add unexpended balances authority within the biennium for appropriations to Strategy E.2.2., Barshop Institute for Longevity and Aging Studies.						
Total - The University of Texas Health Science Center at San Antonio		\$29,000,168	\$29,000,168	27.0			\$29,000,168
The University of Texas M.D. Anderson Cancer Center							
1)	Restoration of Breast Cancer Research Program (IBC). Additional funding to restore reductions made to breast cancer research and programs to translate discoveries into treatments.	\$960,000	\$960,000	4.0	N	N	\$960,000

**Health Related Institutions
Items Not Included in Recommendations - Senate**

		2020-21 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2022-23
		GR & GR-D	All Funds	FTEs			
2)	Texas Medical Center 3 (TMC3) Research Building. TRB debt service funding to construct a new research building jointly with UT Health Science Center at Houston. Requested General Revenue is for M.D. Anderson's share of the debt service on \$100 million of tuition revenue bonds. The total TRB request for the project is \$200 million, shared equally between UTHSC Houston and M.D. Anderson. The total project cost is estimated at \$511.0 million, the remainder covered by other sources of funds, including \$73.0 million of funding from the UT System Administration.	\$17,440,000	\$17,440,000	0.0	N	N	\$17,440,000
Total - The University of Texas M.D. Anderson Cancer Center		\$18,400,000	\$18,400,000	4.0			\$18,400,000
The University of Texas Health Science Center at Tyler							
1)	Mental Health Workforce Training Expansion. Additional funding to expand the institution's mental health workforce training program to include areas of child and adolescent abuse and mental illness treatment through educational, research, and clinical initiatives.	\$5,460,000	\$5,460,000	19.0	N	N	\$5,460,000
2)	Tuition Revenue Bond Debt Service for Repair and Rehabilitation of Facilities. TRB debt service funding to repair and rehabilitate 28,025 GSF of existing lab space, microscope rooms, culture rooms, and other teaching and academic support areas. The General Revenue request of \$3.2 million is for debt service on a total TRB request of \$18.5 million.	\$3,230,000	\$3,230,000	0.0	N	N	\$3,230,000
Total - The University of Texas Health Science Center at Tyler		\$8,690,000	\$8,690,000	19.0			\$8,690,000
Texas A&M University System Health Science Center							
1)	Healthy Texas. Additional funding to expand the Healthy South Texas program from its current 27 counties into a statewide program that would undertake campaigns to prevent and manage disease and encourage exercise, improved nutrition, screenings, medication, vaccinations, and other preventative care. The institution also requests modification of its Healthy South Texas Rider to be renamed Healthy Texas, with rider language specifying expenditures by region.	\$10,856,000	\$10,856,000	42.9	N	Y	\$10,856,000

**Health Related Institutions
Items Not Included in Recommendations - Senate**

		2020-21 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2022-23
		GR & GR-D	All Funds	FTEs			
2)	EMPOWER (Enhancing Mental Health Practice, Organizations, and Workforce through Education and Readiness) Project ECHO. Additional funding to expand the healthcare network and address the prevention and treatment of opioid and substance abuse and mental and behavioral health in rural and underserved areas of Texas. The funding would also be used to create a Psychiatric Mental Health Nurse Practitioner (PMHNP) training program for nurses.	\$3,500,000	\$3,500,000	12.0	N	N	\$3,500,000
3)	Texas Medical Center 3 (TMC3) Project. TRB debt service funding to construct a new Texas A&M biomedical research facility in the TMC3 collaborative project. Requested General Revenue is for debt service on a total TRB request of \$100 million. The total project cost is estimated at \$157 million, the remainder covered by other sources of funds.	\$17,436,912	\$17,436,912	0.0	N	N	\$17,436,912
Rider Revisions Requested by Institution but not Recommended							
1)	Rider 1, Performance Measure Targets. The institution requests updated 2020-21 performance measure targets for two measures, Average Financial Aid Award per Full-Time Student, and Percent of Full-Time Students Receiving Financial Aid, due to improvements to the calculation methodology.						
Total - Texas A&M University System Health Science Center		\$31,792,912	\$31,792,912	54.9			\$31,792,912
University of North Texas Health Science Center							
1)	Academic Building. TRB debt service request to construct a new building on the UNTHSC campus to expand academic, administrative, and support space available to the institution. Requested General Revenue is for debt service on a total TRB request of \$115.5 million, which is expected to cover the total project cost.	\$19,896,320	\$19,896,320	0.0	N	Y	\$19,894,900
Rider Revisions Requested by Institution but not Recommended							
1)	Rider 6, Texas Missing Persons and Human Identification Program. The institution requests to delete the rider because the funding amounts and uses of funds specified in the rider are appropriated to the corresponding strategy of the same name.						

**Health Related Institutions
Items Not Included in Recommendations - Senate**

		2020-21 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2022-23
		GR & GR-D	All Funds	FTEs			
2)	Rider 7, Institute for Patient Safety and Preventable Harm. The institution requests to delete the rider because the funding amounts and uses of funds specified in the rider are appropriated to the corresponding strategy of the same name.						
Total - University of North Texas Health Science Center		\$19,896,320	\$19,896,320	0.0			\$19,894,900
Texas Tech University Health Sciences Center							
1)	Texas Tech Mental Health Institute. Additional funding to provide educational, research, and treatment services related to mental health issues.	\$2,500,000	\$2,500,000	10.0	N	N	\$2,500,000
2)	Amarillo Academic and Clinic Expansion. TRB debt service funding to add two facilities to the current Texas Tech University Health Sciences Center Amarillo campus, including a library and student learning areas. The General Revenue request is for debt service on a total TRB request of \$34.7 million. The total project cost is estimated at \$38.5 million, with the remainder covered by other sources of funds.	\$6,041,890	\$6,041,890	0.0	N	N	\$6,041,890
Rider Revisions Requested by Institution but not Recommended							
1)	Rider 7, School of Public Health. The institution requests to delete the rider because the funding amounts and uses of funds specified in the rider are appropriated to the corresponding strategy of the same name.						
2)	Rider 1, Performance Measure Targets. The institution requests updated 2020-21 performance measure targets for one measure, Average Financial Aid Award per Full-Time Student, due to improvements to the calculation methodology.						
Total - Texas Tech University Health Sciences Center		\$8,541,890	\$8,541,890	10.0			\$8,541,890
Texas Tech University Health Sciences Center at El Paso							
1)	School of Dental Medicine. Additional funding to help establish the Woody L. Hunt School of Dental Medicine. The requested funding would be used for capital requirements to equip facilities and acquire technology necessary to train dental medicine professionals.	\$20,000,000	\$20,000,000	43.0	N	N	\$0

**Health Related Institutions
Items Not Included in Recommendations - Senate**

		2020-21 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2022-23
		GR & GR-D	All Funds	FTEs			
2)	Dental School Building. TRB debt service request to construct a new building for the Woody L. Hunt School of Dental Medicine. Requested General Revenue is for debt service on a total TRB request of \$92.3 million. The total project cost is estimated at \$102.6 million, the remainder covered by other sources of funds.	\$16,102,814	\$16,102,814	0.0	N	N	\$16,102,814
Total - Texas Tech University Health Sciences Center at El Paso		\$36,102,814	\$36,102,814	43.0			\$16,102,814
The University of Texas Rio Grande Valley School of Medicine							
1)	School of Medicine. Additional funding to help achieve full accreditation by the Liaison Committee on Medical Education (LCME), including by developing a rigorous medical education curriculum, establishing medical student services, and hiring additional faculty and staff.	\$10,000,000	\$10,000,000	22.0	N	N	\$10,000,000
2)	Cervical Dysplasia and Cancer Immunology Center. Additional funding to allow UTRGV School of Medicine to assume operations of the Cervical Dysplasia and Cancer Stop Clinic in McAllen from UTMB. The funds would help expand cervical screening services, conduct research into cervical and related cancers, establish a residency program, and help support several related departments at the medical school.	\$4,400,000	\$4,400,000	17.0	N	N	\$4,400,000
3)	Transfer of Funding from UTMB for the Cervical Dysplasia and Cancer Stop Clinic in McAllen. Senate Bill 1 as Introduced removed Rider 10, Health Care Services, from the UTMB bill pattern due to the transfer of the Cervical Dysplasia and Cancer Stop Clinic to UTRGV School of Medicine. Both institutions also intended that the funding specified in the rider, \$712,500 for the biennium, be moved from UTMB to UTRGV School of Medicine. Funding at UTRGV School of Medicine would increase by \$712,500 for the biennium, and funding for UTMB Medical Branch Hospitals would decrease by a corresponding amount.	\$0	\$0	0.0	N	N	\$0
Total - The University of Texas Rio Grande Valley School of Medicine		\$14,400,000	\$14,400,000	39.0			\$14,400,000
TOTAL Items Not Included in Recommendations		\$281,712,222	\$281,712,222	417.6			\$261,622,976

**Health Related Institutions
Specific Appendices - Senate**

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**Health Related Institutions
2020-21 Senate Bill 1 as Introduced Compared to 2018-19 Appropriated**

Instruction and Operations	Formula	Formula	Formula	% GR	Formula	Formula	Formula	% GR-D 770	Total Formula	Total Formula	Total Formula	% All Funds
	General Revenue 2018-19	General Revenue 2020-21	GR Difference	Variance Biennium		GR-D 770 2018-19	GR-D 770 2020-21	GR-D 770 Difference		Variance Biennium	All Funds 2018-19	All Funds 2020-21
UT Southwestern Medical Center	\$ 99,805,404	\$ 96,454,350	\$ (3,351,054)	-3.4%	\$ 7,912,702	\$ 8,495,444	\$ 582,742	7.4%	\$ 107,718,106	\$ 104,949,794	\$ (2,768,312)	-2.6%
UT Medical Branch at Galveston	\$ 121,999,476	\$ 127,381,190	\$ 5,381,714	4.4%	\$ 12,999,736	\$ 13,999,166	\$ 999,430	7.7%	\$ 134,999,212	\$ 141,380,356	\$ 6,381,144	4.7%
UT Health Science Center at Houston	\$ 203,067,940	\$ 204,984,930	\$ 1,916,990	0.9%	\$ 13,334,754	\$ 17,525,296	\$ 4,190,542	31.4%	\$ 216,402,694	\$ 222,510,226	\$ 6,107,532	2.8%
UT Health Science Center at San Antonio	\$ 160,622,181	\$ 161,774,601	\$ 1,152,421	0.7%	\$ 8,840,945	\$ 8,939,747	\$ 98,801	1.1%	\$ 169,463,126	\$ 170,714,348	\$ 1,251,222	0.7%
UT M.D. Anderson Cancer Center	\$ 5,511,704	\$ 6,442,856	\$ 931,152	16.9%	\$ 1,296,004	\$ 979,174	\$ (316,830)	-24.4%	\$ 6,807,708	\$ 7,422,030	\$ 614,322	9.0%
UT Health Science Center at Tyler	\$ 471,000	\$ 1,743,257	\$ 1,272,257	270.1%	\$ 644,926	\$ 644,289	\$ (637)	-0.1%	\$ 1,115,926	\$ 2,387,546	\$ 1,271,620	114.0%
Texas A&M University Health Science Center	\$ 168,581,848	\$ 165,461,732	\$ (3,120,115)	-1.9%	\$ 11,473,598	\$ 11,534,260	\$ 60,661	0.5%	\$ 180,055,446	\$ 176,995,992	\$ (3,059,454)	-1.7%
UNT Health Science Center	\$ 120,062,792	\$ 120,524,950	\$ 462,158	0.4%	\$ 11,232,716	\$ 10,119,962	\$ (1,112,754)	-9.9%	\$ 131,295,508	\$ 130,644,912	\$ (650,596)	-0.5%
Texas Tech University Health Sciences Center	\$ 172,177,505	\$ 181,586,400	\$ 9,408,895	5.5%	\$ 10,603,271	\$ 13,494,194	\$ 2,890,923	27.3%	\$ 182,780,776	\$ 195,080,594	\$ 12,299,818	6.7%
Texas Tech University Health Sciences Center at El Paso	\$ 38,531,100	\$ 41,026,796	\$ 2,495,695	6.5%	\$ 3,274,006	\$ 3,775,188	\$ 501,183	15.3%	\$ 41,805,106	\$ 44,801,984	\$ 2,996,878	7.2%
UT Austin Dell Medical School	\$ 3,934,276	\$ 11,520,542	\$ 7,586,267	192.8%	\$ 548,178	\$ 1,747,520	\$ 1,199,341	218.8%	\$ 4,482,454	\$ 13,268,062	\$ 8,785,608	196.0%
UT Rio Grande Valley School of Medicine	\$ 4,883,552	\$ 13,554,275	\$ 8,670,723	177.5%	\$ 47,146	\$ 341,331	\$ 294,185	624.0%	\$ 4,930,698	\$ 13,895,606	\$ 8,964,908	181.8%
INSTRUCTION AND OPERATIONS SUBTOTAL	\$ 1,099,648,778	\$ 1,132,455,879	\$ 32,807,101	3.0%	\$ 82,207,982	\$ 91,595,571	\$ 9,387,589	11.4%	\$ 1,181,856,760	\$ 1,224,051,450	\$ 42,194,690	3.6%
Baylor College of Medicine Undergraduate Medical Education ¹	\$ 76,091,974	\$ 72,377,813	\$ (3,714,161)	-4.9%	\$ -	\$ -	\$ -	NA	\$ 76,091,974	\$ 72,377,813	\$ (3,714,161)	-4.9%
INSTRUCTION AND OPERATIONS w/ BCOM SUBTOTAL	\$ 1,175,740,752	\$ 1,204,833,692	\$ 29,092,940	2.5%	\$ 82,207,982	\$ 91,595,571	\$ 9,387,589	11.4%	\$ 1,257,948,734	\$ 1,296,429,263	\$ 38,480,529	3.1%
Infrastructure ²	Formula	Formula	Formula	% GR	Formula	Formula	Formula	% GR-D 770	Total Formula	Total Formula	Total Formula	% All Funds
	General Revenue 2018-19	General Revenue 2020-21	GR Difference	Variance Biennium		GR-D 770 2018-19	GR-D 770 2020-21	GR-D 770 Difference		Variance Biennium	All Funds 2018-19	All Funds 2020-21
UT Southwestern Medical Center	\$ 48,354,400	\$ 49,239,372	\$ 884,972	1.8%	\$ 1,681,848	\$ 1,923,398	\$ 241,550	14.4%	\$ 50,036,248	\$ 51,162,770	\$ 1,126,522	2.3%
UT Medical Branch at Galveston	\$ 23,547,300	\$ 23,409,440	\$ (137,860)	-0.6%	\$ 2,763,100	\$ 3,169,460	\$ 406,360	14.7%	\$ 26,310,400	\$ 26,578,900	\$ 268,500	1.0%
UT Health Science Center at Houston	\$ 39,266,004	\$ 39,441,514	\$ 175,510	0.4%	\$ 2,834,308	\$ 3,967,788	\$ 1,133,480	40.0%	\$ 42,100,312	\$ 43,409,302	\$ 1,308,990	3.1%
UT Health Science Center at San Antonio	\$ 25,800,912	\$ 26,231,400	\$ 430,488	1.7%	\$ 1,879,146	\$ 2,023,990	\$ 144,844	7.7%	\$ 27,680,058	\$ 28,255,390	\$ 575,332	2.1%
UT M.D. Anderson Cancer Center	\$ 64,156,149	\$ 63,959,136	\$ (197,013)	-0.3%	\$ 275,467	\$ 221,688	\$ (53,779)	-19.5%	\$ 64,431,616	\$ 64,180,824	\$ (250,792)	-0.4%
UT Health Science Center at Tyler	\$ 2,474,157	\$ 2,611,784	\$ 137,627	5.6%	\$ 137,079	\$ 145,870	\$ 8,791	6.4%	\$ 2,611,236	\$ 2,757,654	\$ 146,418	5.6%
Texas A&M University Health Science Center	\$ 14,725,490	\$ 14,770,724	\$ 45,234	0.3%	\$ 2,438,718	\$ 2,611,396	\$ 172,678	7.1%	\$ 17,164,208	\$ 17,382,120	\$ 217,912	1.3%
UNT Health Science Center	\$ 7,414,917	\$ 6,884,072	\$ (530,845)	-7.2%	\$ 2,387,519	\$ 2,291,194	\$ (96,325)	-4.0%	\$ 9,802,436	\$ 9,175,266	\$ (627,170)	-6.4%
Texas Tech University Health Sciences Center	\$ 15,535,522	\$ 15,082,406	\$ (453,116)	-2.9%	\$ 2,253,730	\$ 3,055,132	\$ 801,402	35.6%	\$ 17,789,252	\$ 18,137,538	\$ 348,286	2.0%
Texas Tech University Health Sciences Center at El Paso	\$ 5,097,664	\$ 4,919,790	\$ (177,874)	-3.5%	\$ 695,892	\$ 854,716	\$ 158,824	22.8%	\$ 5,793,556	\$ 5,774,506	\$ (19,050)	-0.3%
UT Austin Dell Medical School	\$ 1,416,302	\$ 2,026,850	\$ 610,548	43.1%	\$ 116,516	\$ 395,644	\$ 279,128	239.6%	\$ 1,532,818	\$ 2,422,494	\$ 889,676	58.0%
UT Rio Grande Valley School of Medicine	\$ 2,314,285	\$ 2,024,134	\$ (290,151)	-12.5%	\$ 10,021	\$ 77,278	\$ 67,257	671.2%	\$ 2,324,306	\$ 2,101,412	\$ (222,894)	-9.6%
INFRASTRUCTURE SUBTOTAL	\$ 250,103,102	\$ 250,600,622	\$ 497,520	0.2%	\$ 17,473,344	\$ 20,737,554	\$ 3,264,210	18.7%	\$ 267,576,446	\$ 271,338,176	\$ 3,761,730	1.4%

Health Related Institutions
2020-21 Senate Bill 1 as Introduced Compared to 2018-19 Appropriated

Research

UT Southwestern Medical Center
UT Medical Branch at Galveston
UT Health Science Center at Houston
UT Health Science Center at San Antonio
UT M.D. Anderson Cancer Center
UT Health Science Center at Tyler
Texas A&M University Health Science Center
UNT Health Science Center
Texas Tech University Health Sciences Center
Texas Tech University Health Sciences Center at El Paso
UT Austin Dell Medical School
UT Rio Grande Valley School of Medicine

Formula General Revenue 2018-19	Formula General Revenue 2020-21	Formula GR Difference	% GR Variance Biennium
\$ 12,858,218	\$ 13,396,518	\$ 538,300	4.2%
\$ 6,198,636	\$ 6,306,256	\$ 107,620	1.7%
\$ 8,007,644	\$ 8,227,904	\$ 220,260	2.8%
\$ 6,739,750	\$ 6,647,600	\$ (92,150)	-1.4%
\$ 21,122,758	\$ 22,334,658	\$ 1,211,900	5.7%
\$ 3,117,500	\$ 3,203,658	\$ 86,158	2.8%
\$ 5,672,114	\$ 5,227,280	\$ (444,834)	-7.8%
\$ 3,861,074	\$ 3,857,404	\$ (3,670)	-0.1%
\$ 3,752,758	\$ 3,747,770	\$ (4,988)	-0.1%
\$ 3,228,316	\$ 3,207,632	\$ (20,684)	-0.6%
\$ 2,922,484	\$ 2,901,038	\$ (21,446)	-0.7%
\$ 3,147,126	\$ 3,116,878	\$ (30,248)	-1.0%

Formula GR-D 770 2018-19	Formula GR-D 770 2020-21	Formula GR-D 770 Difference	% GR-D 770 Variance Biennium
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA

Total Formula All Funds 2018-19	Total Formula All Funds 2020-21	Total Formula All Funds Difference	% All Funds Variance Biennium
\$ 12,858,218	\$ 13,396,518	\$ 538,300	4.2%
\$ 6,198,636	\$ 6,306,256	\$ 107,620	1.7%
\$ 8,007,644	\$ 8,227,904	\$ 220,260	2.8%
\$ 6,739,750	\$ 6,647,600	\$ (92,150)	-1.4%
\$ 21,122,758	\$ 22,334,658	\$ 1,211,900	5.7%
\$ 3,117,500	\$ 3,203,658	\$ 86,158	2.8%
\$ 5,672,114	\$ 5,227,280	\$ (444,834)	-7.8%
\$ 3,861,074	\$ 3,857,404	\$ (3,670)	-0.1%
\$ 3,752,758	\$ 3,747,770	\$ (4,988)	-0.1%
\$ 3,228,316	\$ 3,207,632	\$ (20,684)	-0.6%
\$ 2,922,484	\$ 2,901,038	\$ (21,446)	-0.7%
\$ 3,147,126	\$ 3,116,878	\$ (30,248)	-1.0%

RESEARCH SUBTOTAL

\$ 80,628,378	\$ 82,174,596	\$ 1,546,218	1.9%
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\$ -	\$ -	\$ -	NA
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\$ 80,628,378	\$ 82,174,596	\$ 1,546,218	1.9%
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Three Main Formulas

UT Southwestern Medical Center
UT Medical Branch at Galveston
UT Health Science Center at Houston
UT Health Science Center at San Antonio
UT M.D. Anderson Cancer Center
UT Health Science Center at Tyler
Texas A&M University Health Science Center
UNT Health Science Center
Texas Tech University Health Sciences Center
Texas Tech University Health Sciences Center at El Paso
UT Austin Dell Medical School
UT Rio Grande Valley School of Medicine

Formula General Revenue 2018-19	Formula General Revenue 2020-21	Formula GR Difference	% GR Variance Biennium
\$ 161,018,022	\$ 159,090,240	\$ (1,927,782)	-1.2%
\$ 151,745,412	\$ 157,096,886	\$ 5,351,474	3.5%
\$ 250,341,588	\$ 252,654,348	\$ 2,312,760	0.9%
\$ 193,162,843	\$ 194,653,601	\$ 1,490,759	0.8%
\$ 90,790,611	\$ 92,736,650	\$ 1,946,039	2.1%
\$ 6,062,657	\$ 7,558,699	\$ 1,496,042	24.7%
\$ 188,979,452	\$ 185,459,736	\$ (3,519,715)	-1.9%
\$ 131,338,783	\$ 131,266,426	\$ (72,357)	-0.1%
\$ 191,465,785	\$ 200,416,576	\$ 8,950,791	4.7%
\$ 46,857,080	\$ 49,154,218	\$ 2,297,137	4.9%
\$ 8,273,062	\$ 16,448,430	\$ 8,175,369	98.8%
\$ 10,344,963	\$ 18,695,287	\$ 8,350,324	80.7%

Formula GR-D 770 2018-19	Formula GR-D 770 2020-21	Formula GR-D 770 Difference	% GR-D 770 Variance Biennium
\$ 9,594,550	\$ 10,418,842	\$ 824,292	8.6%
\$ 15,762,836	\$ 17,168,626	\$ 1,405,790	8.9%
\$ 16,169,062	\$ 21,493,084	\$ 5,324,022	32.9%
\$ 10,720,091	\$ 10,963,737	\$ 243,645	2.3%
\$ 1,571,471	\$ 1,200,862	\$ (370,609)	-23.6%
\$ 782,005	\$ 790,159	\$ 8,154	1.0%
\$ 13,912,316	\$ 14,145,656	\$ 233,339	1.7%
\$ 13,620,235	\$ 12,411,156	\$ (1,209,079)	-8.9%
\$ 12,857,001	\$ 16,549,326	\$ 3,692,325	28.7%
\$ 3,969,898	\$ 4,629,904	\$ 660,007	16.6%
\$ 664,694	\$ 2,143,164	\$ 1,478,469	222.4%
\$ 57,167	\$ 418,609	\$ 361,442	632.3%

Total Formula All Funds 2018-19	Total Formula All Funds 2020-21	Total Formula All Funds Difference	% All Funds Variance Biennium
\$ 170,612,572	\$ 169,509,082	\$ (1,103,490)	-0.6%
\$ 167,508,248	\$ 174,265,512	\$ 6,757,264	4.0%
\$ 266,510,650	\$ 274,147,432	\$ 7,636,782	2.9%
\$ 203,882,934	\$ 205,617,338	\$ 1,734,404	0.9%
\$ 92,362,082	\$ 93,937,512	\$ 1,575,430	1.7%
\$ 6,844,662	\$ 8,348,858	\$ 1,504,196	22.0%
\$ 202,891,768	\$ 199,605,392	\$ (3,286,376)	-1.6%
\$ 144,959,018	\$ 143,677,582	\$ (1,281,436)	-0.9%
\$ 204,322,786	\$ 216,965,902	\$ 12,643,116	6.2%
\$ 50,826,978	\$ 53,784,122	\$ 2,957,144	5.8%
\$ 8,937,756	\$ 18,591,594	\$ 9,653,838	108.0%
\$ 10,402,130	\$ 19,113,896	\$ 8,711,766	83.7%

THREE MAIN FORMULAS TOTAL

\$ 1,430,380,258	\$ 1,465,231,097	\$ 34,850,839	2.4%
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\$ 99,681,326	\$ 112,333,125	\$ 12,651,799	12.7%
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\$ 1,530,061,584	\$ 1,577,564,222	\$ 47,502,638	3.1%
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**Health Related Institutions
2020-21 Senate Bill 1 as Introduced Compared to 2018-19 Appropriated**

Graduate Medical Education												
	Formula General Revenue 2018-19	Formula General Revenue 2020-21	Formula GR Difference	% GR Variance Biennium	Formula GR-D 770 2018-19	Formula GR-D 770 2020-21	Formula GR-D 770 Difference	% GR-D 770 Variance Biennium	Total Formula All Funds 2018-19	Total Formula All Funds 2020-21	Total Formula All Funds Difference	% All Funds Variance Biennium
UT Southwestern Medical Center	\$ 15,153,110	\$ 16,003,358	\$ 850,248	5.6%	\$ -	\$ -	\$ -	NA	\$ 15,153,110	\$ 16,003,358	\$ 850,248	5.6%
UT Medical Branch at Galveston	\$ 6,650,596	\$ 6,382,708	\$ (267,888)	-4.0%	\$ -	\$ -	\$ -	NA	\$ 6,650,596	\$ 6,382,708	\$ (267,888)	-4.0%
UT Health Science Center at Houston	\$ 11,391,038	\$ 12,252,934	\$ 861,896	7.6%	\$ -	\$ -	\$ -	NA	\$ 11,391,038	\$ 12,252,934	\$ 861,896	7.6%
UT Health Science Center at San Antonio	\$ 8,735,460	\$ 9,073,228	\$ 337,768	3.9%	\$ -	\$ -	\$ -	NA	\$ 8,735,460	\$ 9,073,228	\$ 337,768	3.9%
UT M.D. Anderson Cancer Center	\$ 1,572,382	\$ 1,712,150	\$ 139,768	8.9%	\$ -	\$ -	\$ -	NA	\$ 1,572,382	\$ 1,712,150	\$ 139,768	8.9%
UT Health Science Center at Tyler	\$ 850,252	\$ 896,840	\$ 46,588	5.5%	\$ -	\$ -	\$ -	NA	\$ 850,252	\$ 896,840	\$ 46,588	5.5%
Texas A&M University Health Science Center	\$ 13,138,130	\$ 13,895,200	\$ 757,070	5.8%	\$ -	\$ -	\$ -	NA	\$ 13,138,130	\$ 13,895,200	\$ 757,070	5.8%
UNT Health Science Center	\$ 4,810,326	\$ 4,717,146	\$ (93,180)	-1.9%	\$ -	\$ -	\$ -	NA	\$ 4,810,326	\$ 4,717,146	\$ (93,180)	-1.9%
Texas Tech University Health Sciences Center	\$ 5,276,218	\$ 5,567,398	\$ 291,180	5.5%	\$ -	\$ -	\$ -	NA	\$ 5,276,218	\$ 5,567,398	\$ 291,180	5.5%
Texas Tech University Health Sciences Center at El Paso	\$ 2,876,878	\$ 2,993,350	\$ 116,472	4.0%	\$ -	\$ -	\$ -	NA	\$ 2,876,878	\$ 2,993,350	\$ 116,472	4.0%
UT Austin Dell Medical School	\$ 3,109,824	\$ 3,552,420	\$ 442,596	14.2%	\$ -	\$ -	\$ -	NA	\$ 3,109,824	\$ 3,552,420	\$ 442,596	14.2%
UT Rio Grande Valley School of Medicine	\$ 1,153,080	\$ 1,956,742	\$ 803,662	69.7%	\$ -	\$ -	\$ -	NA	\$ 1,153,080	\$ 1,956,742	\$ 803,662	69.7%
HEALTH RELATED GME SUBTOTAL	\$ 74,717,294	\$ 79,003,474	\$ 4,286,180	5.7%	\$ -	\$ -	\$ -	NA	\$ 74,717,294	\$ 79,003,474	\$ 4,286,180	5.7%
Baylor College of Medicine Graduate Medical Education ¹	\$ 15,420,997	\$ 16,772,078	\$ 1,351,081	8.8%	\$ -	\$ -	\$ -	NA	\$ 15,420,997	\$ 16,772,078	\$ 1,351,081	8.8%
HEALTH RELATED + BCOM GME SUBTOTAL	\$ 90,138,291	\$ 95,775,552	\$ 5,637,261	6.3%	\$ -	\$ -	\$ -	NA	\$ 90,138,291	\$ 95,775,552	\$ 5,637,261	6.3%
Cancer Center Operations³												
UT M.D. Anderson Cancer Center	\$ 264,801,714	\$ 272,701,852	\$ 7,900,138	3.0%	\$ -	\$ -	\$ -	NA	\$ 264,801,714	\$ 272,701,852	\$ 7,900,138	3.0%
CANCER CENTER OPERATIONS SUBTOTAL	\$ 264,801,714	\$ 272,701,852	\$ 7,900,138	3.0%	\$ -	\$ -	\$ -	NA	\$ 264,801,714	\$ 272,701,852	\$ 7,900,138	3.0%
Chest Disease Center Operations³												
UT Health Science Center at Tyler	\$ 58,360,332	\$ 60,101,464	\$ 1,741,132	3.0%	\$ -	\$ -	\$ -	NA	\$ 58,360,332	\$ 60,101,464	\$ 1,741,132	3.0%
CHEST DISEASE CENTER OPERATIONS SUBTOTAL	\$ 58,360,332	\$ 60,101,464	\$ 1,741,132	3.0%	\$ -	\$ -	\$ -	NA	\$ 58,360,332	\$ 60,101,464	\$ 1,741,132	3.0%
Performance Based Research Operations³												
UT Southwestern Medical Center	\$ -	\$ 21,817,302	\$ 21,817,302	NA	\$ -	\$ -	\$ -	NA	\$ -	\$ 21,817,302	\$ 21,817,302	NA
PERFORMANCE BASED RESEARCH OPERATIONS SUBTOTAL	\$ -	\$ 21,817,302	\$ 21,817,302	NA	\$ -	\$ -	\$ -	NA	\$ -	\$ 21,817,302	\$ 21,817,302	NA

**Health Related Institutions
2020-21 Senate Bill 1 as Introduced Compared to 2018-19 Appropriated**

All Formulas	Formula	Formula	Formula	% GR	Formula	Formula	Formula	% GR-D 770	Total Formula	Total Formula	Total Formula	% All Funds
	General Revenue 2018-19	General Revenue 2020-21	GR Difference	Variance Biennium	GR-D 770 2018-19	GR-D 770 2020-21	GR-D 770 Difference	Variance Biennium	All Funds 2018-19	All Funds 2020-21	All Funds Difference	Variance Biennium
UT Southwestern Medical Center	\$ 176,171,132	\$ 196,910,900	\$ 20,739,768	11.8%	\$ 9,594,550	\$ 10,418,842	\$ 824,292	8.6%	\$ 185,765,682	\$ 207,329,742	\$ 21,564,060	11.6%
UT Medical Branch at Galveston	\$ 158,396,008	\$ 163,479,594	\$ 5,083,586	3.2%	\$ 15,762,836	\$ 17,168,626	\$ 1,405,790	8.9%	\$ 174,158,844	\$ 180,648,220	\$ 6,489,376	3.7%
UT Health Science Center at Houston	\$ 261,732,626	\$ 264,907,282	\$ 3,174,656	1.2%	\$ 16,169,062	\$ 21,493,084	\$ 5,324,022	32.9%	\$ 277,901,688	\$ 286,400,366	\$ 8,498,678	3.1%
UT Health Science Center at San Antonio	\$ 201,898,303	\$ 203,726,829	\$ 1,828,527	0.9%	\$ 10,720,091	\$ 10,963,737	\$ 243,645	2.3%	\$ 212,618,394	\$ 214,690,566	\$ 2,072,172	1.0%
UT M.D. Anderson Cancer Center	\$ 357,164,707	\$ 367,150,652	\$ 9,985,945	2.8%	\$ 1,571,471	\$ 1,200,862	\$ (370,609)	-23.6%	\$ 358,736,178	\$ 368,351,514	\$ 9,615,336	2.7%
UT Health Science Center at Tyler	\$ 65,273,241	\$ 68,557,003	\$ 3,283,762	5.0%	\$ 782,005	\$ 790,159	\$ 8,154	1.0%	\$ 66,055,246	\$ 69,347,162	\$ 3,291,916	5.0%
Texas A&M University Health Science Center	\$ 202,117,582	\$ 199,354,936	\$ (2,762,645)	-1.4%	\$ 13,912,316	\$ 14,145,656	\$ 233,339	1.7%	\$ 216,029,898	\$ 213,500,592	\$ (2,529,306)	-1.2%
UNT Health Science Center	\$ 136,149,109	\$ 135,983,572	\$ (165,537)	-0.1%	\$ 13,620,235	\$ 12,411,156	\$ (1,209,079)	-8.9%	\$ 149,769,344	\$ 148,394,728	\$ (1,374,616)	-0.9%
Texas Tech University Health Sciences Center	\$ 196,742,003	\$ 205,983,974	\$ 9,241,971	4.7%	\$ 12,857,001	\$ 16,549,326	\$ 3,692,325	28.7%	\$ 209,599,004	\$ 222,533,300	\$ 12,934,296	6.2%
Texas Tech University Health Sciences Center at El Paso	\$ 49,733,958	\$ 52,147,568	\$ 2,413,609	4.9%	\$ 3,969,898	\$ 4,629,904	\$ 660,007	16.6%	\$ 53,703,856	\$ 56,777,472	\$ 3,073,616	5.7%
UT Austin Dell Medical School	\$ 11,382,886	\$ 20,000,850	\$ 8,617,965	75.7%	\$ 664,694	\$ 2,143,164	\$ 1,478,469	222.4%	\$ 12,047,580	\$ 22,144,014	\$ 10,096,434	83.8%
UT Rio Grande Valley School of Medicine	\$ 11,498,043	\$ 20,652,029	\$ 9,153,986	79.6%	\$ 57,167	\$ 418,609	\$ 361,442	632.3%	\$ 11,555,210	\$ 21,070,638	\$ 9,515,428	82.3%
HEALTH RELATED TOTAL	\$ 1,828,259,598	\$ 1,898,855,189	\$ 70,595,591	3.9%	\$ 99,681,326	\$ 112,333,125	\$ 12,651,799	12.7%	\$ 1,927,940,924	\$ 2,011,188,314	\$ 83,247,390	4.3%
Baylor College of Medicine ¹	\$ 91,512,971	\$ 89,149,891	\$ (2,363,080)	-2.6%	\$ -	\$ -	\$ -	NA	\$ 91,512,971	\$ 89,149,891	\$ (2,363,080)	-2.6%
HEALTH RELATED + BCOM TOTAL	\$ 1,919,772,569	\$ 1,988,005,080	\$ 68,232,511	3.6%	\$ 99,681,326	\$ 112,333,125	\$ 12,651,799	12.7%	\$ 2,019,453,895	\$ 2,100,338,205	\$ 80,884,310	4.0%

¹ Appropriations for Baylor College of Medicine are provided through the Higher Education Coordinating Board bill pattern. Undergraduate medical education formula amounts are generally based off formula amounts for UT Southwestern and UTMB.

² Data elements in the Infrastructure Support formula (actual square feet) and Research Enhancement Formula (research expenditures) include research conducted by faculty at a clinical partner for all institutions in the 2020-21 biennium formula allocations.

³ Special Provisions Relating only to State Agencies of Higher Education, Sec. 28, Rider 9 Mission Specific Support, limits the growth of the mission specific formulas to the average growth in funding for the health related institutions in the I&O formula.

**Health Related Institutions
Total Formula Recommendations Compared to Formula Drivers
Senate Bill 1 as Introduced**

Instruction and Operations

UT Southwestern Medical Center
UT Medical Branch at Galveston
UT Health Science Center at Houston
UT Health Science Center at San Antonio
UT M.D. Anderson Cancer Center
UT Health Science Center at Tyler
Texas A&M University Health Science Center
UNT Health Science Center
Texas Tech University Health Sciences Center
Texas Tech University Health Sciences Center at El Paso
UT Austin Dell Medical School
UT Rio Grande Valley School of Medicine

Total Formula All Funds 2018-19	Total Formula All Funds 2020-21	Formula All Funds Difference	% All Funds Variance Biennium
\$ 107,718,106	\$ 104,949,794	\$ (2,768,312)	-2.6%
\$ 134,999,212	\$ 141,380,356	\$ 6,381,144	4.7%
\$ 216,402,694	\$ 222,510,226	\$ 6,107,532	2.8%
\$ 169,463,126	\$ 170,714,348	\$ 1,251,222	0.7%
\$ 6,807,708	\$ 7,422,030	\$ 614,322	9.0%
\$ 1,115,926	\$ 2,387,546	\$ 1,271,620	114.0%
\$ 180,055,446	\$ 176,995,992	\$ (3,059,454)	-1.7%
\$ 131,295,508	\$ 130,644,912	\$ (650,596)	-0.5%
\$ 182,780,776	\$ 195,080,594	\$ 12,299,818	6.7%
\$ 41,805,106	\$ 44,801,984	\$ 2,996,878	7.2%
\$ 4,482,454	\$ 13,268,062	\$ 8,785,608	196.0%
\$ 4,930,698	\$ 13,895,606	\$ 8,964,908	181.8%

Weighted FTSEs 2018-19	Weighted FTSEs 2020-21	Weighted FTSEs Difference	% WTFSEs Variance Biennium
5,711.0	5,564.2	(147)	-2.6%
7,059.5	7,495.7	436	6.2%
11,053.0	11,399.6	347	3.1%
8,879.8	9,012.9	133	1.5%
360.9	393.5	33	9.0%
22.1	54.3	32	145.9%
8,689.5	8,447.2	(242)	-2.8%
6,961.0	6,926.5	(34)	-0.5%
8,968.0	9,666.0	698	7.8%
2,216.4	2,369.0	153	6.9%
237.7	703.4	466	196.0%
261.4	736.7	475	181.8%

INSTRUCTION AND OPERATIONS SUBTOTAL

\$ 1,181,856,760	\$ 1,224,051,450	\$ 42,194,690	3.6%
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60,420.2	62,769.1	2,348.9	3.9%
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Baylor College of Medicine Undergraduate Medical Education¹

\$ 76,091,974	\$ 72,377,813	\$ (3,714,161)	-4.9%
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623.0	619.0	(4)	-0.6%
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INSTRUCTION AND OPERATIONS w/ BCOM SUBTOTAL

\$ 1,257,948,734	\$ 1,296,429,263	\$ 38,480,529	3.1%
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61,043.2	63,388.1	2,344.9	3.8%
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Infrastructure

UT Southwestern Medical Center
UT Medical Branch at Galveston
UT Health Science Center at Houston
UT Health Science Center at San Antonio
UT M.D. Anderson Cancer Center
UT Health Science Center at Tyler
Texas A&M University Health Science Center
UNT Health Science Center
Texas Tech University Health Sciences Center
Texas Tech University Health Sciences Center at El Paso
UT Austin Dell Medical School
UT Rio Grande Valley School of Medicine

Total Formula All Funds 2018-19	Total Formula All Funds 2020-21	Formula All Funds Difference	% All Funds Variance Biennium
\$ 50,036,248	\$ 51,162,770	\$ 1,126,522	2.3%
\$ 26,310,400	\$ 26,578,900	\$ 268,500	1.0%
\$ 42,100,312	\$ 43,409,302	\$ 1,308,990	3.1%
\$ 27,680,058	\$ 28,255,390	\$ 575,332	2.1%
\$ 64,431,616	\$ 64,180,824	\$ (250,792)	-0.4%
\$ 2,611,236	\$ 2,757,654	\$ 146,418	5.6%
\$ 17,164,208	\$ 17,382,120	\$ 217,912	1.3%
\$ 9,802,436	\$ 9,175,266	\$ (627,170)	-6.4%
\$ 17,789,252	\$ 18,137,538	\$ 348,286	2.0%
\$ 5,793,556	\$ 5,774,506	\$ (19,050)	-0.3%
\$ 1,532,818	\$ 2,422,494	\$ 889,676	58.0%
\$ 2,324,306	\$ 2,101,412	\$ (222,894)	-9.6%

Predicted Square Feet 2018-19	Predicted Square Feet 2020-21	Predicted Square Feet Difference	% Predicted Sq. Ft. Variance Biennium
4,097,716	4,189,973	92,257	2.3%
2,154,689	2,176,678	21,989	1.0%
3,447,803	3,555,003	107,200	3.1%
2,266,857	2,313,974	47,117	2.1%
5,276,624	5,256,086	(20,538)	-0.4%
213,847	225,838	11,991	5.6%
1,405,662	1,423,508	17,846	1.3%
802,770	751,408	(51,362)	-6.4%
1,456,850	1,485,373	28,523	2.0%
474,463	472,903	(1,560)	-0.3%
125,530	198,390	72,860	58.0%
190,349	172,095	(18,254)	-9.6%

INFRASTRUCTURE SUBTOTAL

\$ 267,576,446	\$ 271,338,176	\$ 3,761,730	1.4%
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21,913,160	22,221,229	308,069	1.4%
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**Health Related Institutions
Total Formula Recommendations Compared to Formula Drivers
Senate Bill 1 as Introduced**

Research	Total Formula All Funds 2018-19	Total Formula All Funds 2020-21	Formula All Funds Difference	% All Funds Variance Biennium
UT Southwestern Medical Center	\$ 12,858,218	\$ 13,396,518	\$ 538,300	4.2%
UT Medical Branch at Galveston	\$ 6,198,636	\$ 6,306,256	\$ 107,620	1.7%
UT Health Science Center at Houston	\$ 8,007,644	\$ 8,227,904	\$ 220,260	2.8%
UT Health Science Center at San Antonio	\$ 6,739,750	\$ 6,647,600	\$ (92,150)	-1.4%
UT M.D. Anderson Cancer Center	\$ 21,122,758	\$ 22,334,658	\$ 1,211,900	5.7%
UT Health Science Center at Tyler	\$ 3,117,500	\$ 3,203,658	\$ 86,158	2.8%
Texas A&M University Health Science Center	\$ 5,672,114	\$ 5,227,280	\$ (444,834)	-7.8%
UNT Health Science Center	\$ 3,861,074	\$ 3,857,404	\$ (3,670)	-0.1%
Texas Tech University Health Sciences Center	\$ 3,752,758	\$ 3,747,770	\$ (4,988)	-0.1%
Texas Tech University Health Sciences Center at El Paso	\$ 3,228,316	\$ 3,207,632	\$ (20,684)	-0.6%
UT Austin Dell Medical School	\$ 2,922,484	\$ 2,901,038	\$ (21,446)	-0.7%
UT Rio Grande Valley School of Medicine	\$ 3,147,126	\$ 3,116,878	\$ (30,248)	-1.0%
RESEARCH SUBTOTAL	\$ 80,628,378	\$ 82,174,596	\$ 1,546,218	1.9%

Research Expenditures 2018-19	Research Expenditures 2020-21	Research Expenditures Difference	% Research Exp. Variance Biennium
\$ 431,694,632	\$ 454,855,646	\$ 23,161,014	5.4%
\$ 145,155,875	\$ 149,786,313	\$ 4,630,438	3.2%
\$ 222,991,213	\$ 232,468,158	\$ 9,476,945	4.2%
\$ 168,438,125	\$ 164,473,205	\$ (3,964,920)	-2.4%
\$ 787,289,147	\$ 839,432,768	\$ 52,143,621	6.6%
\$ 12,585,256	\$ 16,292,355	\$ 3,707,099	29.5%
\$ 122,501,491	\$ 103,361,782	\$ (19,139,709)	-15.6%
\$ 44,578,672	\$ 44,420,752	\$ (157,920)	-0.4%
\$ 39,918,215	\$ 39,703,618	\$ (214,597)	-0.5%
\$ 17,353,249	\$ 16,463,357	\$ (889,892)	-5.1%
\$ 4,194,371	\$ 3,271,619	\$ (922,752)	-22.0%
\$ 13,859,937	\$ 12,558,505	\$ (1,301,432)	-9.4%
\$ 2,010,560,183	\$ 2,077,088,078	\$ 68,752,079	3.4%

Graduate Medical Education	Total Formula All Funds 2018-19	Total Formula All Funds 2020-21	Formula All Funds Difference	% All Funds Variance Biennium
UT Southwestern Medical Center	\$ 15,153,110	\$ 16,003,358	\$ 850,248	5.6%
UT Medical Branch at Galveston	\$ 6,650,596	\$ 6,382,708	\$ (267,888)	-4.0%
UT Health Science Center at Houston	\$ 11,391,038	\$ 12,252,934	\$ 861,896	7.6%
UT Health Science Center at San Antonio	\$ 8,735,460	\$ 9,073,228	\$ 337,768	3.9%
UT M.D. Anderson Cancer Center	\$ 1,572,382	\$ 1,712,150	\$ 139,768	8.9%
UT Health Science Center at Tyler	\$ 850,252	\$ 896,840	\$ 46,588	5.5%
Texas A&M University Health Science Center	\$ 13,138,130	\$ 13,895,200	\$ 757,070	5.8%
UNT Health Science Center	\$ 4,810,326	\$ 4,717,146	\$ (93,180)	-1.9%
Texas Tech University Health Sciences Center	\$ 5,276,218	\$ 5,567,398	\$ 291,180	5.5%
Texas Tech University Health Sciences Center at El Paso	\$ 2,876,878	\$ 2,993,350	\$ 116,472	4.0%
UT Austin Dell Medical School	\$ 3,109,824	\$ 3,552,420	\$ 442,596	14.2%
UT Rio Grande Valley School of Medicine	\$ 1,153,080	\$ 1,956,742	\$ 803,662	69.7%
HEALTH RELATED GME SUBTOTAL	\$ 74,717,294	\$ 79,003,474	\$ 4,286,180	5.7%

Medical Residents 2018-19	Medical Residents 2020-21	Medical Residents Difference	% Residents Variance Biennium
1,301	1,374	73	5.6%
571	548	(23)	-4.0%
978	1,052	74	7.6%
750	779	29	3.9%
135	147	12	8.9%
73	77	4	5.5%
1,128	1,193	65	5.8%
413	405	(8)	-1.9%
453	478	25	5.5%
247	257	10	4.0%
267	305	38	14.2%
99	168	69	69.7%
6,415	6,783	368	5.7%

Baylor College of Medicine Graduate Medical Education ¹	\$ 15,420,997	\$ 16,772,078	\$ 1,351,081	8.8%
HEALTH RELATED + BCOM GME SUBTOTAL	\$ 90,138,291	\$ 95,775,552	\$ 5,637,261	6.3%

1,324	1,440	116	8.8%
7,739	8,223	484	6.3%

**Health Related Institutions
Total Formula Recommendations Compared to Formula Drivers
Senate Bill 1 as Introduced**

Cancer Center Operations	Total Formula All Funds 2018-19	Total Formula All Funds 2020-21	Formula All Funds Difference	% All Funds Variance Biennium
UT M.D. Anderson Cancer Center	\$ 264,801,714	\$ 272,701,852	\$ 7,900,138	3.0%
CANCER CENTER OPERATIONS SUBTOTAL	\$ 264,801,714	\$ 272,701,852	\$ 7,900,138	3.0%

TX Cancer Patients 2018-19	TX Cancer Patients 2020-21	TX Cancer Patients Difference	% TX Patients Variance Biennium
80,258	82,725	2,467	3.1%
80,258	82,725	2,467	3.1%

Chest Disease Center Operations	Total Formula All Funds 2018-19	Total Formula All Funds 2020-21	Formula All Funds Difference	% All Funds Variance Biennium
UT Health Science Center at Tyler	\$ 58,360,332	\$ 60,101,464	\$ 1,741,132	3.0%
CHEST DISEASE CENTER OPERATIONS SUBTOTAL	\$ 58,360,332	\$ 60,101,464	\$ 1,741,132	3.0%

Chest Disease Cases² 2018-19	Chest Disease Cases² 2020-21	Chest Disease Cases Difference	% Cases Variance Biennium
156,364	164,268	7,904	5.1%
156,364	164,268	7,904	5.1%

¹ Appropriations for Baylor College of Medicine are provided through the Texas Higher Education Coordinating Board bill pattern and will be presented with the Texas Higher Education Coordinating Board's recommendations.
² UTHSC Tyler provides data on chest disease patients based on diagnoses codes from the International Statistical Classification of Diseases and Health Related Conditions (ICD). Since the 2016-17 biennium, a new ICD standard has been adopted that changes the way chest disease specific services are reported/coded.

**Health Related Institutions
Nursing and Pharmacy Funding Overview - Senate**

Nursing and Pharmacy Funding Comparison. Many health professions degree programs are offered at both HRIs and GAIs, but the programs are funded at different rates by HRI and GAI formulas. The tables below compare formula funding for two of the largest health professions programs, nursing and pharmacy, by converting semester credit hours (used by the GAI formula) to full time student equivalents (used by the HRI formula) and applying the GAI and HRI rates to illustrate the funding per student in each program at GAIs compared to HRIs.

Funding for all GAI Nursing and Pharmacy Semester Credit Hours through the GAI Instruction and Operations Formula (Annual Rate I&O Rate of \$55.82)

	Total Semester Credit Hours (SCH)	Total Biennial Formula Funding (All Funds) ¹
Nursing	462,059	\$ 119,036,373
Pharmacy	56,499	\$ 38,373,682
Total	518,558	\$ 157,410,056

Funding for all GAI Nursing and Pharmacy Semester Credit Hours through the HRI Instruction and Operations Formula (Annual I&O Rate of \$9,431)

	Estimated Full Time Student Equivalents (FTSE)	Total Biennial Formula Funding (All Funds)	Difference Funding in HRI Formula
Nursing	16,499	\$ 354,140,912	\$ 235,104,539
Pharmacy	2,373	\$ 74,736,665	\$ 36,362,983
Total	18,872	\$ 428,877,577	\$ 271,467,522

Funding Comparison - Nursing and Pharmacy Programs at HRIs versus GAIs

	FTSEs/Est. FTSEs	Total Biennial Formula Funding (All Funds)	Average Funding per FTSE	Number of Institutions
HRIs				
Nursing	6,707	\$ 147,613,396	11,004	6
Pharmacy	2,428	\$ 76,479,478	15,749	3
GAIs				
Nursing	16,499	\$ 119,036,373	3,607	26
Pharmacy	2,373	\$ 38,373,682	8,087	4

¹Formula amounts are comprised of General Revenue and General Revenue-Dedicated 770 Funds. For the 2020-21 biennium, the recommended annual All Funds rate for the GAI I&O formula is \$55.82 per WSCH. For the HRI I&O formula, the recommended annual All Funds I&O rate is \$9,431 per FTSE.

²The conversion from SCHs to one estimated FTSE was done through the following methodology:

- 30 Lower Level Undergraduate SCHs equal 1 FTSE
- 20 Upper Level Undergraduate SCHs equal 1 FTSE
- 24 Master's SCHs equal 1 FTSE
- 18 Doctoral SCHs equal 1 FTSE
- 24 Professional Practice SCHs equal 1 FTSE

Health Related Institutions Nursing and Pharmacy Funding Overview - Senate

In addition to Nursing and Pharmacy programs, there are over fifty degree programs reported to the Texas Higher Education Coordinating Board that are offered at multiple GAs and HRIs, many of which lead to degrees at the Baccalaureate, Masters, and Doctoral levels, in addition to degrees for some programs at the Associate and Professional levels.

Clinical Psychology	Advanced General Dentistry
Public Policy Analysis, General	Oral Biology and Oral and Maxillofacial Pathology
Environmental Science	Dental Public Health and Education
Biomedical Sciences, General	Endodontics/Endodontology
Biochemistry	Oral/Maxillofacial Surgery
Molecular Biology	Orthodontics/Orthodontology
Cell/Cellular and Molecular Biology	Pediatric Dentistry/Pedodontics
Microbiology, General	Periodontics/Periodontology
Molecular Genetics	Prosthodontics/Prosthodontology
Pathology/Experimental Pathology	Dental Hygiene/Hygienist
Biostatistics	Health/Health Care Administration/Management
Computational Biology	Medical Radiologic Technology/Science - Radiation Therapist
Biotechnology	Respiratory Care Therapy/Therapist
Epidemiology	Radiologic Technology/Science - Radiographer
Neuroscience	Physician Assistant
Biological and Physical Sciences	Cytotechnology/Cytotechnologist
Athletic Training/Trainer	Clinical Laboratory Science/Medical Technology/Technologist
Education/Teaching of Individuals with Hearing Impairments, Including Deafness	
Bioengineering and Biomedical Engineering	Medicine
Child Development	Community Health Services/Liaison/Counseling
Health Occupations Teacher Education	Public Health, General
Communication Sciences and Disorders, General	Environmental Health
Audiology/Audiologist	Occupational Health and Industrial Hygiene
Dentistry	Public Health Education and Promotion
Dental Clinical Sciences, General	Community Health and Preventive Medicine
Physical Therapy/Therapist	Health Services Administration
Vocational Rehabilitation Counseling/Counselor	Behavioral Aspects of Health
	Occupational Therapy/Therapist

**Health Related Institutions
Instruction and Operations Formula Small Class Supplement - Senate**

HRI Appendix 4

Institutions	Full Time Student Equivalents 2018-19	Preliminary Full Time Student Equivalents 2020-21	Difference	2018-19 Appropriations	2020-21 Allocations	Difference
UT Southwestern Medical Center	2,155	2,155	(0)	\$ -	\$ -	\$ -
UT Medical Branch at Galveston	3,394	3,712	318	\$ 923,400	\$ -	\$ (923,400)
UT Health Science Center at Houston	4,718	4,924	206	\$ 3,963,071	\$ 3,747,629	\$ (215,442)
UT Health Science Center at San Antonio	3,671	3,811	141	\$ 988,015	\$ 358,546	\$ (629,469)
UT M.D. Anderson Cancer Center	361	394	33	\$ -	\$ -	\$ -
UT Health Science Center at Tyler	19	38	19	\$ 349,750	\$ 681,797	\$ 332,047
Texas A&M University Health Science Center	3,030	3,117	87	\$ 8,078,661	\$ 8,834,223	\$ 755,562
UNT Health Science Center	2,906	2,868	(38)	\$ -	\$ -	\$ -
Texas Tech University Health Sciences Center	5,383	5,863	480	\$ 6,815,448	\$ 6,382,344	\$ (433,104)
Texas Tech University Health Sciences Center at El Paso	650	764	114	\$ -	\$ 59,100	\$ 59,100
UT Austin Dell Medical School	50	148	98	\$ -	\$ -	\$ -
UT Rio Grande Valley School of Medicine	55	155	100	\$ -	\$ -	\$ -
TOTAL:	26,392	27,949	1,557	\$ 21,118,345	\$ 20,063,639	\$ (1,054,706)