

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

Page III-168

Colin Brock, LBB Analyst

Method of Financing	2020-21 Base	2022-23 Recommended	Biennial Change (\$)	Biennial Change (%)
General Revenue Funds	\$3,052,133,697	\$3,028,515,608	(\$23,618,089)	(0.8%)
GR Dedicated Funds	\$222,341,504	\$217,875,808	(\$4,465,696)	(2.0%)
<i>Total GR-Related Funds</i>	<i>\$3,274,475,201</i>	<i>\$3,246,391,416</i>	<i>(\$28,083,785)</i>	<i>(0.9%)</i>
Federal Funds	\$0	\$0	\$0	0.0%
Other	\$169,987,790	\$108,757,199	(\$61,230,591)	(36.0%)
<b>All Funds</b>	<b>\$3,444,462,991</b>	<b>\$3,355,148,615</b>	<b>(\$89,314,376)</b>	<b>(2.6%)</b>

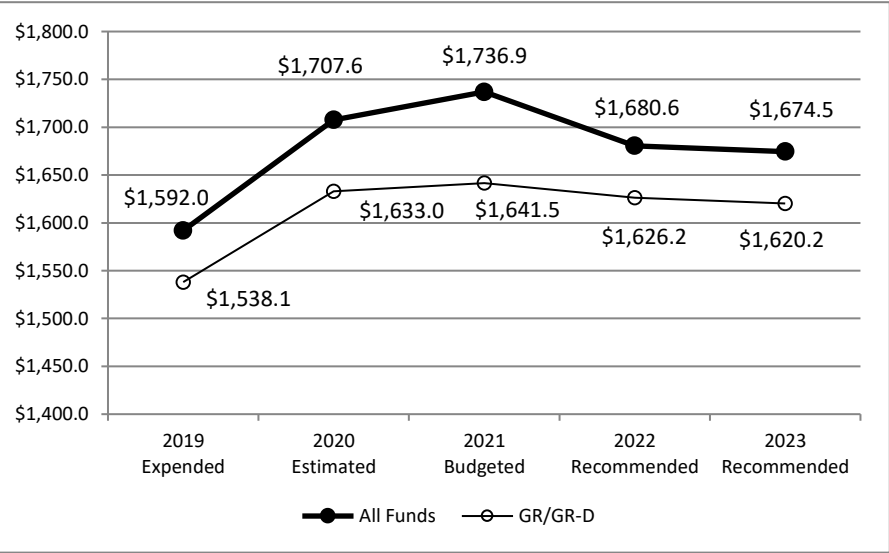
	FY 2021 Budgeted	FY 2023 Recommended	Biennial Change	Percent Change
FTEs	13,318.4	13,632.6	314.2	2.4%

## **Agency Budget and Policy Issues and/or Highlights**

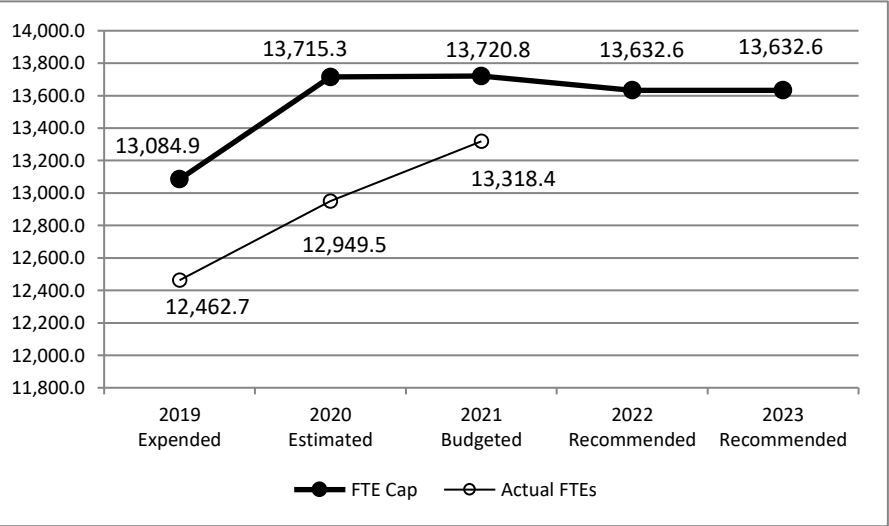
The Health Related Institutions (HRIs) Summary of Recommendations packet includes budget and policy recommendations for the thirteen Health Related Institutions that received formula funding in the 2020-21 biennium, including The University of Texas (UT) at Austin Dell Medical School and the Baylor College of Medicine. In addition, recommendations include formula and non-formula funding for the newly established University of Houston (UH) College of Medicine. Funding recommendations for Baylor College of Medicine are not included in the funding totals provided on this page.

The bill pattern for the HRIs (2022-23 Recommended) average about 9.3% for the thirteen HRIs total available funds for the 2022-23 biennium.

**Historical Funding Levels (Millions)**



**Historical Full-Time-Equivalent Employees (FTEs)**



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

**Section 2**

Funding Changes and Recommendations for the 2022-23 Biennium compared to the 2020-21 Base Spending Level (in millions)		General Revenue	GR-Dedicated	Federal Funds	Other Funds	All Funds
<b><i>SIGNIFICANT Funding Changes and Recommendations (each issue is explained in Section 3 and additional details are provided in Appendix A):</i></b>						
A)	Tuition revenue bond debt service decrease due to incremental decreases in debt service obligations across institutions. Includes \$20.0 million decrease at TTUHSC due to fulfillment of debt service at their physician assistant facility.	(\$31.8)	\$0.0	\$0.0	\$0.0	(\$31.8)
B)	UH College of Medicine nonformula support funding now included in the HRI totals. This amount was included in the GAI base for the 2020-21 biennium.	\$20.0	\$0.0	\$0.0	\$0.0	\$20.0
C)	Five percent reductions across all HRI non-formula funding.	(\$14.8)	\$0.0	\$0.0	\$0.0	(\$14.8)
D)	GME formula funding reallocation among all public HRIs and Baylor College of Medicine.	\$1.2	\$0.0	\$0.0	\$0.0	\$1.2
E)	GR-D decrease reflects differences between 2020-21 tuition collections and 2022-23 tuition estimates.	\$0.0	(\$4.8)	\$0.0	\$0.0	(\$4.8)
<b><i>OTHER Funding Changes and Recommendations (these issues are not addressed in Section 3 but details are provided in Appendix A):</i></b>						
F)	Restoration of 2020-21 general revenue savings for non-formula support.	\$1.3	\$0.0	\$0.0	\$0.0	\$1.3
G)	Restoration of UNTHSC Forensic Genetic Research and Education non-formula support funding to 2020-21 levels.	\$0.5	\$0.0	\$0.0	\$0.0	\$0.5
H)	Board Authorized Tuition estimate for the 2022-23 biennium.	\$0.0	\$0.3	\$0.0	\$0.0	\$0.3
I)	Decrease in estimated Tobacco Funds for the 2022-23 biennium.	\$0.0	\$0.0	\$0.0	(\$61.2)	(\$61.2)
<b>TOTAL SIGNIFICANT &amp; OTHER Funding Changes and Recommendations (in millions)</b>		<b>(\$23.6)</b>	<b>(\$4.5)</b>	<b>\$0.0</b>	<b>(\$61.2)</b>	<b>(\$89.3)</b>
<i>SIGNIFICANT &amp; OTHER Funding Increases</i>		\$23.0	\$0.3	\$0.0	\$0.0	\$21.5
<i>SIGNIFICANT &amp; OTHER Funding Decreases</i>		(\$46.6)	(\$4.8)	\$0.0	(\$61.2)	(\$112.6)

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. LBB Recommended GR-D levels are established based on a tuition estimate of the most recent year of tuition collections at an institution.

2. **5 Percent Reductions for 2020-21 and 2022-23.** The HRIs were exempt from the 5 percent reductions for the 2020-21 biennium. However, only Behavioral Health Funding and TRB debt service were excluded from the 5 percent reductions for the HRIs for 2022-23. In addition to these exemptions, HRIs do not request formula funding as a part of their Legislative Appropriations Requests and this funding is not included in the Base Limit request. The General Revenue-Related Base Limit for the HRIs totaled \$316.1 million in General Revenue, a reduction of \$14.8 million from 2020-21 appropriated levels. The institutions primarily requested to reduce funding equitably between all non-formula strategies, including non-formula support items, workers' compensation, unemployment insurance compensation, dental clinic operations, and hospital operations. LBB Recommendations include these reductions as requested by the institutions.
3. **Formula Funding Recommendations.** HRIs receive funding through ten formulas: Instruction and Operations Support, Infrastructure Support, Research Enhancement, Graduate Medical Education, three mission specific formulas for UT M.D. Anderson Cancer Center (Cancer Center Operations Formula), UTHSC Tyler (Chest Disease Center Operations Formula), and UTMB (Health Systems Operations Formula), and three Performance Based Research Operations Formulas at UTSW, UTHSC Houston, and UTHSC San Antonio. Each formula is based on different drivers, such as student enrollment, space needs, or research expenditures, 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 ten 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).

LBB Recommendations include \$2,506.5 million in General Revenue for the HRI formulas in the 2022-23 biennium, an increase of \$5.9 million from 2020-21 formula funding levels. Amounts are based on maintaining 2020-21 General Revenue for each of the ten HRI formulas.

By statute, BCM may receive Undergraduate Medical Education (UME) funding at an amount not to exceed the average annual state funding per undergraduate medical student provided for UT Southwestern and UT Medical Branch at Galveston. In accordance with this calculation, BCM's UME estimated allocation is increased by \$5.9 million for the 2022-23 biennium.

LBB Recommended formula funding for 2022-23 results in reduced All Funds Rates for all ten formulas due to the growth of formula drivers, including student enrollment, predicted square feet, research expenditures, number of residents, the addition of the UH College of Medicine to the formulas, and other variables.

General Revenue	2020-21 Appropriations	2022-23 LBB Recommended - Senate	Biennial Increase/(Decrease)
All HRI Formulas	\$2,500.5 million	\$2506.5 million	\$5.9 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	2020-21 Appropriations	2022-23 LBB Recommended - Senate	Biennial Increase/(Decrease)
Instruction and Operations			
I&O Formula: Public HRIs	\$1,171.7 million	\$1,171.7 million	-
Baylor College of Medicine UME	\$73.0 million	\$78.9 million	\$5.9 million
Totals Including BCOM	\$1,244.7 million	\$1,250.6 million	\$5.9 million
I&O Rate per Weighted FTSE	\$9,622	\$9,469	(\$153)
Total Weighted FTSEs	63,364.6	64,447.8	1,083.2

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

I&O Formula allocations include \$40.0 million for the Small Class Supplement, an increase of \$42,836 from the 2020-21 biennium. Instructional programs at remote locations and the main campus at UTHSC 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 3 for Small Class Supplement funding levels for each institution.

LBB Recommendations include \$78.9 million in General Revenue for UME at BCM, an increase of \$5.9 million from 2020-21 appropriations. BCM may receive funding for UME at an amount not to exceed the average annual state funding per undergraduate medical student provided for UTMB and UTSW, in accordance with Texas Education Code, Section 61.091 – 61.093. Funding for BCM UME is appropriated through THECB's bill pattern. Statute relating to UME for BCM 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	2020-21 Appropriations	2022-23 LBB Recommended - Senate	Biennial Increase/(Decrease)
Infrastructure Support Formula GR	\$258.8 million	\$258.8 million	-
Infrastructure Support Rate	\$6.14 per predicted SF	\$5.95 per predicted SF	(\$0.19)
Total Predicted Square Feet	22,699,326	23,415,088	715,762

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 1.07 percent of the institution’s fiscal year 2019 research expenditures as reported to THECB. Allocations 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	2020-21 Appropriations	2022-23 LBB Recommended - Senate	Biennial Increase/(Decrease)
Research Enhancement Formula GR	\$84.5 million	\$84.5 million	-
Research Enhancement Rate	1.18% plus base rate of \$1.4 million	1.07% plus base rate of \$1.4 million	(0.11%)
Research Expenditures	\$2,147.4 million	\$2,241.9 million	\$94.5 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. BCM 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	2020-21 Appropriations	2022-23 LBB Recommended - Senate	Biennial Increase/(Decrease)
GME Formula Funding			
Public HRIs	\$81.3 million	\$82.5 million	\$1.2 million
Baylor College of Medicine	\$17.2 million	\$16.0 million	(\$1.2 million)
Total with BCOM	\$98.5 million	\$98.5 million	-
GME Rate per Resident	\$5,970	\$5,679	(\$291)
Total Residents	8,253	8,675	422

- e) **Mission Specific Operations Formulas.** The Cancer Center Operations Formula is based on the number of Texas cancer patients treated at MD Anderson Cancer Center, the Chest Disease Center Operations Formula is based on the number of Texas chest disease patients treated at UT Health Science Center at Tyler, and the Health Systems Operations Formula is based on the number of patient encounters at UTMB hospitals. All three mission specific formulas are limited to an increase no greater than the rate of increase of total I&O Formula funding.

General Revenue	2020-21 Appropriations	2022-23 LBB Recommended - Senate	Biennial Increase/(Decrease)
<b>Mission Specific Operations Funding</b>			
<b>UTMDA Cancer Center Operations</b>	\$280.8 million	\$280.8 million	-
<b>Cancer Center Rate</b>	\$1,666	\$1,657	(\$9)
<b>Texas Cancer Patients</b>	84,275	84,729	454
<b>UTHSC Tyler Chest Disease Center Operations</b>	\$62.2 million	\$62.2 million	-
<b>Chest Disease Rate</b>	\$189	\$166	(\$23)
<b>Chest Disease Cases</b>	164,268	187,001	22,733
<b>UTMB Health Systems Operations</b>	\$305.2 million	\$305.2 million	-
<b>Patient Encounter Rate</b>	\$180	\$178	(\$2)
<b>Patient Encounters</b>	849,752	861,825	12,073
<b>Grand Total</b>	<b>\$649.1 million</b>	<b>\$649.1 million</b>	-

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.

- f) **Performance Based Research Operations Formulas.** The Eighty-sixth Legislature established Performance Based Research Operations formulas for UTSW, UTHSC Houston, and UTHSC San Antonio to provide funding to enhance research capacity at the institutions, assist each institution in leveraging external research grants and gifts, and support the expansion of the institutions' research operations. The three formulas were pilots for the 2020-21 biennium and recommendations include maintaining the formulas for the 2022-23 biennium at level General Revenue funding of \$114.8 million for UTSW, \$25.5 million for UTHSC Houston, and \$25.4 million for UTHSC San Antonio. LBB Recommendations also include amending the Special Provisions Rider associated with UTSW's formula in order to align with a methodology that maintains General Revenue across all formulas.

These formulas are similar and all three are allocated through two mechanisms: 1) the Base Match; and 2) the Performance Incentive Tiered Match. Additionally, growth in total funding for each of the formulas from one biennium to another is limited to no more than 5 percent of the institution's total General Revenue appropriations in the prior biennium, excluding TRB debt service. However, the way each Match is calculated varies by institution:

- **UTSW:** This formula is based on total research expenditures, excluding the category of state appropriations. The Base Match is based on the three-year average of expenditures for each institution. The Tiered Match is based on the increase of the institution's average annual research expenditures since the prior biennium, using a two-year base period. This Tiered Match allocates funding in three tiers that increase on a sliding scale: Tier 1 provides a 25 percent match for any increase between \$0 and \$10 million; Tier 2 provides a 50 percent match for any increase between \$10 and \$20 million; and Tier 3 provides a 75 percent match for any increase in excess of \$20 million.
- **UTHSC Houston & UTHSC San Antonio:** These formulas are based on total federal research expenditures. The Base Match is based on the three-year average of expenditures for each institution. The Tiered Match is based on the increase of the institutions' average annual expenditures since the prior biennium, using a two-year base period. The Tiered Match allocates funding in three tiers that increase on a sliding scale: Tier 1 provides a 20 percent match for any increase between \$0 and \$5 million; Tier 2 provides a 40 percent match for any increase between \$5 and \$10 million; and Tier 3 provides a 60 percent match for any increase in excess of \$10 million.

General Revenue	2020-21 Appropriations	2022-23 LBB Recommended - Senate	Biennial Increase/(Decrease)
<b>Performance Based Research Operations Funding</b>			
<b>UTSW</b>	\$114.8 million	\$114.8 million	-
<b>Base Rate</b>	12.14% plus tiered match	8.69% plus tiered match	(3.45%)
<b>3-Year Avg. Research Expenditures</b>	\$415.0 million	\$464.5 million	\$49.5 million
<b>2-Year Avg. Increase in Research Expenditures</b>	\$34.9 million	\$55.5 million	\$20.6 million
<b>UTHSC Houston</b>	\$25.5 million	\$25.5 million	-
<b>Base Rate</b>	9.99% plus tiered match	9.03% plus tiered match	(0.96%)
<b>3-Year Avg. Research Expenditures</b>	\$124.6 million	\$131.5 million	\$6.9 million
<b>2-Year Avg. Increase in Research Expenditures</b>	\$2.8 million	\$6.8 million	\$3.9 million
<b>UTHSC San Antonio</b>	\$25.4 million	\$25.4 million	-
<b>Base Rate</b>	12.75% plus tiered match	9.61% plus tiered match	(3.14%)
<b>3-Year Avg. Research Expenditures</b>	\$98.0 million	\$105.7 million	\$7.7 million
<b>2-Year Avg. Increase in Research Expenditures</b>	\$2.3 million	\$13.6 million	\$11.2 million
<b>Grand Total</b>	<b>\$165.8 million</b>	<b>\$165.8 million</b>	<b>-</b>

#### Non-Formula Funding

4. **Non-Formula Support Item Funding.** General Revenue funding for non-formula support items for the 2020-23 biennium totals \$328.9 million, an increase of \$6.0 million from 2020-21 appropriated levels. This increase is due to the 5 percent reductions of \$14.5 million being partially offset by \$20 million for the UH College of Medicine now being included in the HRI totals and the restoration of \$0.5 million for UNTHSC's Forensic Genetic Research and Education funding. See HRI Appendix 4 for additional detail on non-formula support items.
5. **Non-Formula General Revenue Funding.** General Revenue funding for other non-formula strategies, including workers' compensation, unemployment insurance compensation, dental clinic operations, hospital operations, and lease of facilities is funded at requested levels of \$7.7 million, which is a reduction of \$0.3 million from 2020-21 appropriated levels related to the 5 percent reductions.
6. **Tuition Revenue Bonds and Debt Service.** Funding for tuition revenue bond and other debt service is funded at 2022-23 requested amounts, which total \$280.4 million for the 2022-23 biennium, a decrease of \$31.8 million General Revenue from 2020-21 base funding levels due to incremental reductions of debt service obligations associated with bond projects authorized by previous legislatures. This also includes a reduction of \$20.0 million in General Revenue appropriated to TTUHSC for the 2020-21 biennium to support debt service at the physician assistant facility that the institution reported as fulfilled.

7. **Full-Time Equivalent (FTE) Methodology.** LBB Recommendations set the FTE caps at the higher of the FY 2020 actual or FY 2021 budgeted levels for all appropriated FTE positions adjusted by 1.0 FTE for every \$250,000 increase/decrease of formula and non-formula funding as compared to the 2020-21 biennium.
  
- 8 **Informational Item: Texas Child Mental Health Care Consortium.** Enactment of Senate Bill 11 by the Eighty-sixth Legislature, Regular Session, established the Texas Child Mental Health Care Consortium (TCMHCC) to address gaps in mental health care for children and adolescents in Texas. Appropriations for the TCMHCC totaled \$99.0 million in General Revenue and were appropriated to THECB to be transferred to participating HRIs for four mental health initiatives, including the Child Psychiatry Access Network (CPAN), the Texas Child Health Access Through Telemedicine (TCHATT), the Community Psychiatry Workforce Expansion (CPWE), and Child and Adolescent Psychiatry Fellowships (CAP Fellowships). In addition to these initiatives and in accordance with the Texas Health and Human Services Commission (HHSC) Statewide Behavioral Health Strategic Plan, the TCMHCC allocated \$10.0 million of the total funding to support research projects related to youth trauma, depression, and suicide. Included in the appropriated total is \$3.2 million for the Centralized Operations Support Hub (COSH), operated through BCM, to provide centralized services to all participating HRIs.  
  
 LBB Recommendations includes \$118.5 million in General Revenue for TCMHCC, an increase of \$19.5 million from 2020-21 appropriated levels. Included in this increase is an estimated \$9.4 million in unexpended balances from 2020-21. Due to the COVID-19 pandemic, implementation of the TCMHCC was delayed and resulted in an estimated \$89.6 million of the total \$99.0 million being expended. The funding increases will be used to support the four mental health initiatives, while the research project costs will remain at \$10.0 million and the administrative costs will be reduced by \$0.3 million.
  
9. **Informational Item: COVID-19 Funding.** In response to the COVID-19 pandemic, the HRIs reported \$271.6 million in All Funds in expenditures in FY 2020 and a projected \$159.0 million in FY 2021 associated with the transition to expanded online courses, the continuation of work from home for certain non-essential staff, the conversion of some campus sites to testing areas, research on vaccines and treatment, and the production of PPE. The institutions project revenue losses of \$715.7 million in FY 2020 and \$33.1 million in FY 2021, which are primarily associated with lost HRI Patient Income and other hospital operating expenses due to the cancellation of non-elective clinical operations for much FY 2020 and the shifting of resources to COVID-19 response. The expenditures and projected revenue losses are primarily non-appropriated funds. Many of the HRIs are receiving CARES Act reimbursements for Higher Education Emergency Relief, Provider Relief associated with clinical operations, and other federal grants. The federal reimbursements vary significantly between HRIs based on the scope of the health care offered by a given institution.



Health Related Institutions  
GME Funding Overview - Senate

1. **Graduate Medical Education Funding.** Recommendations for GME funding in Article III total \$262.5 million, a decrease of \$7.4 million from 2020-21 appropriated amounts. Recommendations for the HRI GME formula, which includes Baylor College of Medicine, maintain level funding of \$98.5 million of General Revenue for the 2022-23 biennium. Additionally, the Texas Higher Education Coordinating Board (THECB) receives appropriations for three programs that support GME. Recommendations decrease GME Expansion Program funding from \$157.2 million to \$150.5 million, a decrease of \$6.7 million. Recommendations for the Family Practice Residency Program total \$9.5 million in General Revenue, a decrease of \$0.5 million. Recommendations for the Emergency and Trauma Care Education Partnership Program total \$3.9 million in General Revenue, a decrease of \$0.2 million. The table below provides an overview of recommended 2022-23 funding levels for HRI GME formula funding and GME programs at THECB with a comparison to 2020-21 funding levels.

Program <sup>1</sup>	2020-21 Appropriated	2022-23 Recommended	Difference	Percent Change
<b>Health Related Institutions</b>				
GME Formula Funding <sup>2</sup>	\$98.5 million	\$98.5 million	-	-
<b>Higher Education Coordinating Board</b>				
GME Expansion <sup>3, 4</sup>	\$157.2 million	\$150.5 million	(\$6.7 million)	(4.3%)
Family Practice Residency Program <sup>4</sup>	\$10.0 million	\$9.5 million	(\$0.5 million)	(5.0%)
Emergency and Trauma Care Education Partnership Program <sup>4</sup>	\$4.1 million	\$3.9 million	(\$0.2 million)	(5.0%)
<b>TOTAL</b>	<b>\$269.9 million</b>	<b>\$262.5 million</b>	<b>(\$7.4 million)</b>	<b>(2.7%)</b>

<sup>1</sup> 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.

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

<sup>3</sup> Recommendations for the GME Expansion Program include \$22.0 million of funding from the Permanent Fund Supporting Graduate Medical Education for the 2022-23 biennium. The remainder of GME Expansion funds are General Revenue.

<sup>4</sup> Recommendations for the three programs at THECB reflect the five percent reductions directed by the policy letter as requested by the agency.

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 2020, creating 2,109 filled, first-year resident positions for a total of 1,815 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 and 2020-21 biennia, 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. Three additional new medical schools have also begun enrolling students. In fall 2019, the first cohort of students enrolled into an MD program offered jointly by Texas Christian University (TCU) and University of

North Texas Health Science Center (UNTHSC). In July 2020, the University of Houston (UH) enrolled its first class of 30 medical students and in the fall of 2020, Sam Houston State University (SHSU) enrolled its first cohort of 75 students to its new Doctor of Osteopathic Medicine (DO) program at its campus in Conroe. Notably, both the SHSU program and TCU/UNTHSC partnership will not receive formula funding pursuant to statute.

**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 \$5,970 per medical resident (2020-21 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.

## Health Related Institutions Rider Highlights – Senate

### The University of Texas Southwestern Medical Center

#### New Riders

1. **Rider 6, Contingency for the School of Public Health.** New rider added appropriating \$5 million in General Revenue each fiscal year to support the establishment of a School of Public Health contingent upon institutional or external investment of \$10 million each fiscal year.

### The University of Texas Medical Branch at Galveston

#### Modification of Existing Riders

1. **Rider 5, 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 2022-23.
2. **Rider 6, Appropriation of Costs for Health Care to Inmates.** Rider amended to expressly allow for employees paid with contract funds from TDCJ for correctional managed health care be eligible to receive state-paid general revenue benefits support for Retirement, Group Insurance, and Social Security.
3. **Rider 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.

### The University of Texas Health Science Center at Houston

#### Modification of Existing Riders

1. **Rider 5, 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.

#### New Riders

2. **Rider 10, Benefits Costs for Harris County Psychiatric Center.** Rider added that expressly states that contract service funds appropriated to HHSC and provided to UTHSC Houston for the operation of the Harris County Psychiatric Center are eligible to receive state-paid benefits.

### The University of Texas Health Science Center at San Antonio

#### Modification of Existing Riders

1. **Rider 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.

### The University of Texas M.D. Anderson Cancer Center

#### Modification of Existing Riders

1. **Rider 3, 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 2022-23.
2. **Rider 8, 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.

#### The University of Texas Health Science Center at Tyler

##### Modification of Existing Riders

1. **Rider 3, 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 2022-23.
2. **Rider 5, 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.

##### New Riders

3. **Rider 8, Medical Education.** New rider added authorizing UTHSC at Tyler to use appropriated funds to establish a Doctor of Medicine (M.D.) program.

#### The University of Texas Rio Grande Valley School of Medicine

##### Deleted Riders

1. **Reporting Requirement on Research Expenditures.** Rider deleted because information is already reported to the THECB in the Sources and Uses report and only Dell Medical School and UTRGV SOM are currently required to report this information separately.
2. **Reporting Requirement on Benefit Expenditures.** Rider deleted because information is already reported in LAR submission and only Dell Medical School and UTRGV SOM are currently required to report this information separately.

#### Texas A&M University Health Science Center

##### Modification of Existing Riders

1. **Rider 8, 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.

#### Texas Tech University Health Sciences Center

##### Modification of Existing Riders

1. **Rider 2, Appropriation of Costs for Health Care to Inmates.** Rider amended to expressly allow for employees paid with contract funds from TDCJ for correctional managed health care be eligible to receive state-paid general revenue benefits support for Retirement, Group Insurance, and Social Security.

##### Deleted Riders

2. **Debt Service – Physician Assistant Facility.** Rider deleted due to debt service obligation being fulfilled.

#### University of Houston College of Medicine

##### New Riders

1. **Rider 2, Estimated Appropriation and Unexpended Balance.** Rider added to newly created UH College of Medicine bill pattern to align with other HRI Permanent Health Fund riders.

**Special Provisions Relating Only to State Agencies of Higher Education****Modification of Existing Riders**

1. **Sec. 27, Rider 10, Pilot Program: Mission Specific Support – Performance Based Research Operations Formula.** Rider amended to remove pilot program language and adjust “dynamic” base match rate language for the UTSW mission specific formula. This change standardizes the Base Match calculation across the three Performance Based Research Operations Formulas established by the 86<sup>th</sup> session.
2. **Sec. 27, Rider 11, Pilot Program: Mission Specific Support – Performance Based Research Operations Formula.** Rider amended to remove pilot program language for the UTHSC Houston mission specific formula.
3. **Sec. 27, Rider 12, Pilot Program: Mission Specific Support – Performance Based Research Operations Formula.** Rider amended to remove pilot program language for the UTHSC San Antonio mission specific formula.
4. **Sec. 27, Rider 13, Pilot Program: Mission Specific Support – Multicategorical Teaching Hospital.** Rider amended to remove pilot program language for the UTMB mission specific formula.

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

		2022-23 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2024-25			
		GR & GR-D	All Funds	FTEs						
Institution Exceptional Items Not Included (in institution priority order)										
Texas A&M System Health Science Center										
1)	<b>Research Performance Based Funding Formula.</b> Proposal to reallocate \$12.25 million in seed funding from non-formula support strategies to be matched by \$12.25 million in additional General Revenue to establish an evidence-based, research-specific formula.	\$12,250,000	\$12,250,000	50.0	No	No	\$12,250,000			
2)	<b>Mission Specific Equity Alignment.</b> Funding would restore \$983,976 for Strategy E.1.4. College Station, Temple and Round Rock - Medical and \$111,264 to Strategy E.1.3. Irma Rangel College of Pharmacy. This funding was reduced for the 5.0 percent reductions and TAMUHSC requested that the funding be restored if new performance-based research operations formula is established.	\$1,095,240	\$1,095,240	0.0	No	No	\$1,095,240			
3)	<b>Improving Access to Sexual Assault Care.</b> Additional funding to maintain operation of the Center for Excellence in Forensic Nursing (CEFN), specifically to programs which support certification of nurses as Sexual Assault Nurse Examiners (SANEs). The CEFN currently receives \$5 million in state and federal grants supporting SANEs, but will lose \$2.3 million in federal grants during the 2022-23 biennium.	\$3,400,000	\$3,400,000	13.0	No	No	\$3,400,000			
4)	<b>Texas A&amp;M Health Clinical Services COVID-19 Response.</b> Additional funding to aid in faculty and support structure retainment due to five percent reduction in base funding.	\$5,000,000	\$5,000,000	22.0	No	No	\$5,000,000			
5)	<b>Debt Service-Texas Medical Center 3.</b> TRB debt service funding to construct a new Texas A&M biomedical research facility in the TMC3 collaborative project. The requested General Revenue is for debt service on a total TRB request of \$100 million.	\$17,436,912	\$17,436,912	0.0	No	No	\$17,436,912			
6)	<b>Debt Service-Nursing Education and Research Building in McAllen.</b> TRB debt service funding to construct a new Nursing Education and Research Building within Texas A&M's Health Education Center (HEC) in McAllen. This new facility would offer a degree in nursing to meet local demands of nurses, and alleviate capacity issues related to student enrollment for the current HEC building. The requested General Revenue is \$40 million.	\$6,974,766	\$6,974,766	0.0	No	No	\$6,974,766			
Total - Texas A&M System Health Science Center		\$46,156,918	\$46,156,918	85.0			\$46,156,918			

Health Related Institutions  
Items Not Included in Recommendations - Senate

		2022-23 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2024-25
		GR & GR-D	All Funds	FTEs			
The University of Texas Medical Branch at Galveston							
1)	Center for Infectious Diseases Preparedness and Response. Request for funding to create a Center for Infectious Diseases Preparedness and Response to establish programs which will contribute to the study of emerging infectious diseases, assist in the development of rapid diagnostic tools and treatments, and turn research into actionable emergency response capabilities for Texas.	\$8,000,000	\$8,000,000	4.0	No	No	\$8,000,000
2)	Restoration: 2022-23 Base Reduction. Request for restoration of non-formula strategies to the 2020-2021 funding levels due to a five percent reduction on 2022-23 funding.	\$831,546	\$831,546	3.0	No	No	\$831,546
	Rider Revisions Requested by Institution But Not Included						
	New, Health Care Services. Request for a new rider that dedicates \$712,500 for the biennium to be used to support the Cervical Dysplasia and Cancer Stop Clinic in McAllen. This amount was transferred to UTRGV for the 2020-21 biennium and the request would transfer the funding back to UTMB for the operation of the clinic. UTRGV has a conforming request.						
Total - The University of Texas Medical Branch at Galveston		\$8,831,546	\$8,831,546	7.0			\$8,831,546
Texas Tech University Health Science Center							
1)	Research Excellence. Funding request to assist the institution in leveraging research grants and to support the expansion of the institution's research operations. TTUHSC requests that \$5 million in additional funding be combined with \$3.2 million currently included in LBB Recommendations for the Cancer Research non-formula support item be used to establish a new performance-based research operation formula.	\$5,000,000	\$5,000,000	10.0	No	No	\$5,000,000
2)	Restoration of 5% Reduction for Non-Formula Support Strategies. Request for restoration of non-formula strategies to the 2020-2021 funding levels due to a five percent reduction on 2022-23 funding.	\$1,716,176	\$1,716,176	7.5	No	No	\$1,716,176
3)	Tuition Revenue Bond Debt Service. TRB Debt Service Funding to renovate existing lab and research support space due to age and condition. The total project cost is \$100 million, with \$90 million requested in General Revenue, and \$10 million from funds other than TRB.	\$14,443,666	\$14,443,666	0.0	No	No	\$14,443,666
	Rider Revisions Requested by Institution But Not Included						
	Rider 6, School of Public Health. Request to delete the rider because the funding amounts and uses of funds are appropriated to the corresponding strategy of the same name.						
Total - Texas Tech University Health Science Center		\$21,159,842	\$21,159,842	17.5			\$21,159,842

Health Related Institutions  
Items Not Included in Recommendations - Senate

		2022-23 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2024-25
		GR & GR-D	All Funds	FTEs			
The University of Texas Rio Grande Valley School of Medicine							
1)	<b>Restoration: 2022-23 Base Reduction.</b> Request for restoration of non-formula strategies to the 2020-2021 funding levels due to a five percent reduction on 2022-23 funding.	\$2,235,625	\$2,235,625	11.5	No	No	\$2,235,625
2)	<b>Recovery of COVID-19 related costs and expenditures.</b> Additional funding to provide ongoing relief associated with COVID-19 related expenditures and not otherwise eligible for reimbursement by federal funds.	\$3,000,000	\$3,000,000	1.0	No	No	\$0
	<b>Rider Revisions Requested by Institution But Not Included</b>						
	<b>Rider 6, Cervical Dysplasia and Cancer Immunology Center.</b> Request to delete rider and have funding and rider transferred back to UTMB.						
<b>Total - The University of Texas Rio Grande Valley School of Medicine</b>		<b>\$5,235,625</b>	<b>\$5,235,625</b>	<b>12.5</b>			<b>\$2,235,625</b>



Health Related Institutions  
Items Not Included in Recommendations - Senate

		2022-23 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2024-25
		GR & GR-D	All Funds	FTEs			
University of North Texas Health Science Center							
1)	<b>The Texas Center for Health Disparities.</b> Support to further expand efforts to research and address health disparities within Texas. Specifically, seeking funding to add African Americans to an NIH-funded Health & Aging Brain Among Latino Elders (HABLE) study. HABLE is the largest and most comprehensive study of the biology of Alzheimer's Disease within a diverse population. The requested \$30 million in funding is anticipated to aid in the attainment of a \$65 million NIH grant in fiscal year 2022.	\$30,000,000	\$30,000,000	48.0	No	No	\$30,000,000
2)	<b>Restoration of Non-Formula General Revenue.</b> Request for restoration of non-formula strategies to the 2020-2021 funding levels due to a five percent reduction on 2022-23 funding.	\$1,038,889	\$1,038,889	0.0	No	No	\$1,038,890
3)	<b>TRB: Campus Space Optimization and Realignment.</b> TRB Debt Service Funding to renovate the UNT Health Science Center using space optimization and realignment of current space. Requested funding for fiscal years 2022 and 2023 is \$7,393,100 annually, and the total cost of the project is \$42 million.	\$7,393,100	\$7,393,100	0.0	No	No	\$7,394,700
	<b>Rider Revisions Requested by Institution But Not Included</b>						
	<b>Rider 4, Texas Missing Persons and Human Identification Program.</b> Request to delete the rider because the funding amounts and uses of funds are appropriated to the corresponding strategy of the same name.						
	<b>Rider 5, Institute for Patient Safety and Preventable Harm.</b> Request to delete the rider because the funding amounts and uses of funds are appropriated to the corresponding strategy of the same name.						
<b>Total - University of North Texas Health Science Center</b>		<b>\$38,431,989</b>	<b>\$38,431,989</b>	<b>48.0</b>			<b>\$38,433,590</b>

Health Related Institutions  
Items Not Included in Recommendations - Senate

		2022-23 Biennial Total			Information Technology Involved?	Contracting Involved?	Estimated Continued Cost 2024-25
		GR & GR-D	All Funds	FTEs			
Texas Tech University Health Science Center at El Paso							
1)	<b>Border Health Operations (Mission Specific).</b> Request for performance based funding using a patient care metric. Funding will support the hiring of health personnel and the acquisition of information technology, telehealth equipment, and labs to provide healthcare in urban and rural areas of west Texas.	\$5,000,000	\$5,000,000	15.0	No	No	\$5,000,000
2)	<b>Restoration of 5% Base Reduction for Non-formula Strategies.</b> Request for restoration of non-formula strategies to the 2020-2021 funding levels due to a five percent reduction on 2022-23 funding.	\$2,954,683	\$2,954,683	1.0	No	No	\$2,954,682
3)	<b>Tuition Revenue Bond Debt Service.</b> TRB Debt Service Funding the construction of a Dental School Building. The school would support expanding academic programs in El Paso and also provide primary care clinics for dental and medical services. The total project cost is \$181.2 million, with \$163.1 million requested from TRB, and the remaining \$18.1 million from funds other than TRB.	\$26,171,922	\$26,171,922	0.0	Yes	No	\$26,171,922
<i>Total - Texas Tech University Health Science Center at El Paso</i>		<b>\$34,126,605</b>	<b>\$34,126,605</b>	<b>16.0</b>			<b>\$34,126,604</b>
<b>TOTAL Items Not Included in Recommendations</b>		<b>\$153,942,525</b>	<b>\$153,942,525</b>	<b>186.0</b>	<b>\$150,944,125</b>		

**Health Related Institutions  
Appendices - Senate**

<b>Table of Contents</b>		
<b>Appendix</b>	<b>Appendix Title</b>	<b>Page</b>
<b>1</b>	Total Formula Funding Compared to 2020-21 Appropriated	20
<b>2</b>	Formula Drivers Compared to 2020-21 Biennium	24
<b>3</b>	Small Class Supplement	27
<b>4</b>	Non-Formula Support Items Compared to 2020-21 Appropriated	28

Health Related Institutions Formula Funding  
2022-23 LBB Recommendations - Senate Compared to 2020-21 Appropriated

HRI Appendix 1

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
UH College of Medicine

Formula General Revenue 2020-21	Formula General Revenue 2022-23	Formula GR Difference	% GR Variance Biennium
\$ 99,827,497	\$ 98,206,337	\$ (1,621,160)	-1.6%
\$ 132,021,825	\$ 130,471,451	\$ (1,550,375)	-1.2%
\$ 213,737,895	\$ 213,736,702	\$ (1,193)	0.0%
\$ 168,184,015	\$ 163,544,807	\$ (4,639,208)	-2.8%
\$ 6,855,921	\$ 6,567,993	\$ (287,928)	-4.2%
\$ 1,582,787	\$ 3,220,315	\$ 1,637,528	103.5%
\$ 171,010,977	\$ 166,932,989	\$ (4,077,988)	-2.4%
\$ 123,296,093	\$ 121,624,549	\$ (1,671,544)	-1.4%
\$ 188,143,256	\$ 187,149,155	\$ (994,101)	-0.5%
\$ 42,185,587	\$ 43,261,916	\$ 1,076,329	2.6%
\$ 12,452,822	\$ 15,948,402	\$ 3,495,580	28.1%
\$ 12,355,819	\$ 18,297,536	\$ 5,941,717	48.1%
\$ -	\$ 2,692,342	\$ 2,692,342	NA

Formula GR-D 770 2020-21	Formula GR-D 770 2022-23	Formula GR-D 770 Difference	% GR-D 770 Variance Biennium
\$ 8,504,353	\$ 7,488,207	\$ (1,016,146)	-11.9%
\$ 13,183,101	\$ 13,041,001	\$ (142,099)	-1.1%
\$ 15,882,227	\$ 16,700,952	\$ 818,725	5.2%
\$ 7,946,021	\$ 9,697,141	\$ 1,751,120	22.0%
\$ 942,629	\$ 1,142,047	\$ 199,418	21.2%
\$ 639,837	\$ 656,447	\$ 16,610	2.6%
\$ 11,027,973	\$ 10,446,999	\$ (580,974)	-5.3%
\$ 9,926,693	\$ 9,538,587	\$ (388,106)	-3.9%
\$ 12,979,088	\$ 13,241,751	\$ 262,663	2.0%
\$ 3,709,425	\$ 3,844,076	\$ 134,651	3.6%
\$ 1,724,026	\$ 1,514,846	\$ (209,180)	-12.1%
\$ 1,180,783	\$ 1,596,164	\$ 415,381	35.2%
\$ -	\$ 8,160	\$ 8,160	NA

Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Total Formula All Funds Difference	% All Funds Variance Biennium
\$ 108,331,850	\$ 105,694,544	\$ (2,637,306)	-2.4%
\$ 145,204,926	\$ 143,512,452	\$ (1,692,474)	-1.2%
\$ 229,620,122	\$ 230,437,654	\$ 817,532	0.4%
\$ 176,130,036	\$ 173,241,948	\$ (2,888,088)	-1.6%
\$ 7,798,550	\$ 7,710,040	\$ (88,510)	-1.1%
\$ 2,222,624	\$ 3,876,762	\$ 1,654,138	74.4%
\$ 182,038,950	\$ 177,379,988	\$ (4,658,962)	-2.6%
\$ 133,222,786	\$ 131,163,136	\$ (2,059,650)	-1.5%
\$ 201,122,344	\$ 200,390,906	\$ (731,438)	-0.4%
\$ 45,895,012	\$ 47,105,992	\$ 1,210,980	2.6%
\$ 14,176,848	\$ 17,463,248	\$ 3,286,400	23.2%
\$ 13,536,602	\$ 19,893,700	\$ 6,357,098	47.0%
\$ -	\$ 2,700,502	\$ 2,700,502	NA

INSTRUCTION AND OPERATIONS SUBTOTAL
-------------------------------------

\$ 1,171,654,494	\$ 1,171,654,494	\$ (0)	0.0%
------------------	------------------	--------	------

\$ 87,646,156	\$ 88,916,378	\$ 1,270,222	1.4%
---------------	---------------	--------------	------

\$ 1,259,300,650	\$ 1,260,570,872	\$ 1,270,222	0.1%
------------------	------------------	--------------	------

Baylor College of Medicine Undergraduate Medical Education <sup>1</sup>
-------------------------------------------------------------------------

\$ 72,999,289	\$ 78,917,526	\$ 5,918,237	8.1%
---------------	---------------	--------------	------

\$ -	\$ -	\$ -	NA
------	------	------	----

\$ 72,999,289	\$ 78,917,526	\$ 5,918,237	8.1%
---------------	---------------	--------------	------

INSTRUCTION AND OPERATIONS w/ BCOM SUBTOTAL
---------------------------------------------

\$ 1,244,653,783	\$ 1,250,572,020	\$ 5,918,237	0.5%
------------------	------------------	--------------	------

\$ 87,646,156	\$ 88,916,378	\$ 1,270,222	1.4%
---------------	---------------	--------------	------

\$ 1,332,299,939	\$ 1,339,488,398	\$ 7,188,459	0.5%
------------------	------------------	--------------	------

Infrastructure <sup>2</sup>
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
UH College of Medicine

Formula General Revenue 2020-21	Formula General Revenue 2022-23	Formula GR Difference	% GR Variance Biennium
\$ 52,510,690	\$ 53,731,938	\$ 1,221,248	2.3%
\$ 23,600,128	\$ 23,779,964	\$ 179,836	0.8%
\$ 41,903,016	\$ 40,514,272	\$ (1,388,744)	-3.3%
\$ 27,888,016	\$ 27,203,746	\$ (684,270)	-2.5%
\$ 63,079,932	\$ 62,993,520	\$ (86,412)	-0.1%
\$ 2,875,878	\$ 2,641,268	\$ (234,610)	-8.2%
\$ 14,894,492	\$ 14,346,980	\$ (547,512)	-3.7%
\$ 6,591,072	\$ 6,608,794	\$ 17,722	0.3%
\$ 15,734,398	\$ 15,487,646	\$ (246,752)	-1.6%
\$ 4,916,968	\$ 4,830,576	\$ (86,392)	-1.8%
\$ 2,408,864	\$ 3,534,254	\$ 1,125,390	46.7%
\$ 2,416,606	\$ 2,502,070	\$ 85,464	3.5%
\$ -	\$ 645,030	\$ 645,030	NA

Formula GR-D 770 2020-21	Formula GR-D 770 2022-23	Formula GR-D 770 Difference	% GR-D 770 Variance Biennium
\$ 1,925,414	\$ 1,657,022	\$ (268,392)	-13.9%
\$ 2,984,700	\$ 2,885,768	\$ (98,932)	-3.3%
\$ 3,595,790	\$ 3,695,658	\$ 99,868	2.8%
\$ 1,799,006	\$ 2,145,824	\$ 346,818	19.3%
\$ 213,414	\$ 252,718	\$ 39,304	18.4%
\$ 144,862	\$ 145,262	\$ 400	0.3%
\$ 2,496,772	\$ 2,311,756	\$ (185,016)	-7.4%
\$ 2,247,438	\$ 2,110,740	\$ (136,698)	-6.1%
\$ 2,938,510	\$ 2,930,192	\$ (8,318)	-0.3%
\$ 839,826	\$ 850,634	\$ 10,808	1.3%
\$ 390,326	\$ 335,212	\$ (55,114)	-14.1%
\$ 267,334	\$ 353,206	\$ 85,872	32.1%
\$ -	\$ 1,806	\$ 1,806	NA

Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Total Formula All Funds Difference	% All Funds Variance Biennium
\$ 54,436,104	\$ 55,388,960	\$ 952,856	1.8%
\$ 26,584,828	\$ 26,665,732	\$ 80,904	0.3%
\$ 45,498,806	\$ 44,209,930	\$ (1,288,876)	-2.8%
\$ 29,687,022	\$ 29,349,570	\$ (337,452)	-1.1%
\$ 63,293,346	\$ 63,246,238	\$ (47,108)	-0.1%
\$ 3,020,740	\$ 2,786,530	\$ (234,210)	-7.8%
\$ 17,391,264	\$ 16,658,736	\$ (732,528)	-4.2%
\$ 8,838,510	\$ 8,719,534	\$ (118,976)	-1.3%
\$ 18,672,908	\$ 18,417,838	\$ (255,070)	-1.4%
\$ 5,756,794	\$ 5,681,210	\$ (75,584)	-1.3%
\$ 2,799,190	\$ 3,869,466	\$ 1,070,276	38.2%
\$ 2,683,940	\$ 2,855,276	\$ 171,336	6.4%
\$ -	\$ 646,836	\$ 646,836	NA

INFRASTRUCTURE SUBTOTAL
-------------------------

\$ 258,820,060	\$ 258,820,058	\$ (2)	0.0%
----------------	----------------	--------	------

\$ 19,843,392	\$ 19,675,798	\$ (167,594)	-0.8%
---------------	---------------	--------------	-------

\$ 278,663,452	\$ 278,495,856	\$ (167,596)	-0.1%
----------------	----------------	--------------	-------

## HRI Appendix 1

<b>Total Formula All Funds 2020-21</b>	<b>Total Formula All Funds 2022-23</b>	<b>Total Formula All Funds Difference</b>	<b>% All Funds Variance Biennium</b>
\$ 13,898,002	\$ 13,264,246	\$ (633,756)	-4.6%
\$ 6,345,938	\$ 5,975,088	\$ (370,850)	-5.8%
\$ 8,485,990	\$ 8,202,584	\$ (283,406)	-3.3%
\$ 6,917,438	\$ 6,678,580	\$ (238,858)	-3.5%
\$ 23,059,276	\$ 21,931,254	\$ (1,128,022)	-4.9%
\$ 3,278,824	\$ 3,203,190	\$ (75,634)	-2.3%
\$ 5,279,816	\$ 4,998,200	\$ (281,616)	-5.3%
\$ 3,896,270	\$ 3,822,556	\$ (73,714)	-1.9%
\$ 3,715,134	\$ 3,761,592	\$ 46,458	1.3%
\$ 3,120,514	\$ 3,076,668	\$ (43,846)	-1.4%
\$ 3,467,406	\$ 3,568,490	\$ 101,084	2.9%
\$ 3,080,826	\$ 3,237,874	\$ 157,048	5.1%
\$ -	\$ 2,825,112	\$ 2,825,112	NA
<b>\$ 84,545,434</b>	<b>\$ 84,545,434</b>	<b>\$ -</b>	<b>0.0%</b>

<b>Total Formula All Funds 2020-21</b>	<b>Total Formula All Funds 2022-23</b>	<b>Total Formula All Funds Difference</b>	<b>% All Funds Variance Biennium</b>
\$ 176,665,956	\$ 174,347,750	\$ (2,318,206)	-1.3%
\$ 178,135,692	\$ 176,153,272	\$ (1,982,420)	-1.1%
\$ 283,604,918	\$ 282,850,168	\$ (754,750)	-0.3%
\$ 212,734,496	\$ 209,270,098	\$ (3,464,398)	-1.6%
\$ 94,151,172	\$ 92,887,532	\$ (1,263,640)	-1.3%
\$ 8,522,188	\$ 9,866,482	\$ 1,344,294	15.8%
\$ 204,710,030	\$ 199,036,924	\$ (5,673,106)	-2.8%
\$ 145,957,566	\$ 143,705,226	\$ (2,252,340)	-1.5%
\$ 223,510,386	\$ 222,570,336	\$ (940,050)	-0.4%
\$ 54,772,320	\$ 55,863,870	\$ 1,091,550	2.0%
\$ 20,443,444	\$ 24,901,204	\$ 4,457,760	21.8%
\$ 19,301,368	\$ 25,986,850	\$ 6,685,482	34.6%
\$ -	\$ 6,172,450	\$ 6,172,450	NA
<b>\$ 1,622,509,536</b>	<b>\$ 1,623,612,162</b>	<b>\$ 1,102,626</b>	<b>0.1%</b>

Health Related Institutions Formula Funding  
2022-23 LBB Recommendations - Senate Compared to 2020-21 Appropriated

HRI Appendix 1

Graduate Medical Education
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
UH College of Medicine

Formula General Revenue 2020-21	Formula General Revenue 2022-23	Formula GR Difference	% GR Variance Biennium
\$ 16,405,222	\$ 15,959,308	\$ (445,914)	-2.7%
\$ 6,901,178	\$ 6,906,234	\$ 5,056	0.1%
\$ 12,560,622	\$ 12,494,832	\$ (65,790)	-0.5%
\$ 9,301,068	\$ 9,348,406	\$ 47,338	0.5%
\$ 1,755,144	\$ 1,692,482	\$ (62,662)	-3.6%
\$ 919,362	\$ 1,328,996	\$ 409,634	44.6%
\$ 14,244,126	\$ 14,187,314	\$ (56,812)	-0.4%
\$ 4,835,600	\$ 5,372,778	\$ 537,178	11.1%
\$ 5,707,202	\$ 6,088,392	\$ 381,190	6.7%
\$ 3,068,516	\$ 2,794,298	\$ (274,218)	-8.9%
\$ 3,641,626	\$ 3,884,756	\$ 243,130	6.7%
\$ 2,005,878	\$ 2,453,530	\$ 447,652	22.3%
\$ -	\$ -	\$ -	NA

Formula GR-D 770 2020-21	Formula GR-D 770 2022-23	Formula GR-D 770 Difference	% GR-D 770 Variance Biennium
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA

Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Total Formula All Funds Difference	% All Funds Variance Biennium
\$ 16,405,222	\$ 15,959,308	\$ (445,914)	-2.7%
\$ 6,901,178	\$ 6,906,234	\$ 5,056	0.1%
\$ 12,560,622	\$ 12,494,832	\$ (65,790)	-0.5%
\$ 9,301,068	\$ 9,348,406	\$ 47,338	0.5%
\$ 1,755,144	\$ 1,692,482	\$ (62,662)	-3.6%
\$ 919,362	\$ 1,328,996	\$ 409,634	44.6%
\$ 14,244,126	\$ 14,187,314	\$ (56,812)	-0.4%
\$ 4,835,600	\$ 5,372,778	\$ 537,178	11.1%
\$ 5,707,202	\$ 6,088,392	\$ 381,190	6.7%
\$ 3,068,516	\$ 2,794,298	\$ (274,218)	-8.9%
\$ 3,641,626	\$ 3,884,756	\$ 243,130	6.7%
\$ 2,005,878	\$ 2,453,530	\$ 447,652	22.3%
\$ -	\$ -	\$ -	NA

HEALTH RELATED GME SUBTOTAL
-----------------------------

\$ 81,345,544	\$ 82,511,326	\$ 1,165,782	1.4%
---------------	---------------	--------------	------

\$ -	\$ -	\$ -	NA
------	------	------	----

\$ 81,345,544	\$ 82,511,326	\$ 1,165,782	1.4%
---------------	---------------	--------------	------

Baylor College of Medicine Graduate Medical Education <sup>1</sup>
--------------------------------------------------------------------

\$ 17,193,246	\$ 16,027,462	\$ (1,165,784)	-6.8%
---------------	---------------	----------------	-------

\$ -	\$ -	\$ -	NA
------	------	------	----

\$ 17,193,246	\$ 16,027,462	\$ (1,165,784)	-6.8%
---------------	---------------	----------------	-------

HEALTH RELATED + BCOM GME SUBTOTAL
------------------------------------

\$ 98,538,790	\$ 98,538,788	\$ (2)	0.0%
---------------	---------------	--------	------

\$ -	\$ -	\$ -	NA
------	------	------	----

\$ 98,538,790	\$ 98,538,788	\$ (2)	0.0%
---------------	---------------	--------	------

Cancer Center Operations <sup>3</sup>
UT M.D. Anderson Cancer Center

Formula General Revenue 2020-21	Formula General Revenue 2022-23	Formula GR Difference	% GR Variance Biennium
\$ 280,815,980	\$ 280,815,980	\$ -	0.0%

Formula GR-D 770 2020-21	Formula GR-D 770 2022-23	Formula GR-D 770 Difference	% GR-D 770 Variance Biennium
\$ -	\$ -	\$ -	NA

Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Total Formula All Funds Difference	% All Funds Variance Biennium
\$ 280,815,980	\$ 280,815,980	\$ -	0.0%

CANCER CENTER OPERATIONS SUBTOTAL
-----------------------------------

\$ 280,815,980	\$ 280,815,980	\$ -	0.0%
----------------	----------------	------	------

\$ -	\$ -	\$ -	NA
------	------	------	----

\$ 280,815,980	\$ 280,815,980	\$ -	0.0%
----------------	----------------	------	------

Chest Disease Center Operations <sup>3</sup>
UT Health Science Center at Tyler

Formula General Revenue 2020-21	Formula General Revenue 2022-23	Formula GR Difference	% GR Variance Biennium
\$ 62,181,804	\$ 62,181,804	\$ -	0.0%

Formula GR-D 770 2020-21	Formula GR-D 770 2022-23	Formula GR-D 770 Difference	% GR-D 770 Variance Biennium
\$ -	\$ -	\$ -	NA

Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Total Formula All Funds Difference	% All Funds Variance Biennium
\$ 62,181,804	\$ 62,181,804	\$ -	0.0%

CHEST DISEASE CENTER OPERATIONS SUBTOTAL
------------------------------------------

\$ 62,181,804	\$ 62,181,804	\$ -	0.0%
---------------	---------------	------	------

\$ -	\$ -	\$ -	NA
------	------	------	----

\$ 62,181,804	\$ 62,181,804	\$ -	0.0%
---------------	---------------	------	------

Health Systems Operations <sup>4</sup>
UT Medical Branch at Galveston

Formula General Revenue 2020-21	Formula General Revenue 2022-23	Formula GR Difference	% GR Variance Biennium
\$ 305,202,920	\$ 305,202,920	\$ -	0.0%

Formula OTHER 2020-21	Formula OTHER 2022-23	Formula OTHER Difference	% GR-D 770 Variance Biennium
\$ -	\$ -	\$ -	NA

Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Total Formula All Funds Difference	% All Funds Variance Biennium
\$ 305,202,920	\$ 305,202,920	\$ -	0.0%

HEALTH SYSTEMS OPERATIONS SUBTOTAL
------------------------------------

\$ 305,202,920	\$ 305,202,920	\$ -	0.0%
----------------	----------------	------	------

\$ -	\$ -	\$ -	NA
------	------	------	----

\$ 305,202,920	\$ 305,202,920	\$ -	0.0%
----------------	----------------	------	------

**Health Related Institutions Formula Funding**  
**2022-23 LBB Recommendations - Senate Compared to 2020-21 Appropriated**

HRI Appendix 1

Performance Based Research Operations <sup>5</sup>
UT Southwestern Medical Center
UT Health Science Center at Houston
UT Health Science Center at San Antonio

Formula General Revenue 2020-21	Formula General Revenue 2022-23	Formula GR Difference	% GR Variance Biennium
\$ 114,849,890	\$ 114,849,890	\$ -	0.0%
\$ 25,476,160	\$ 25,476,160	\$ -	0.0%
\$ 25,448,000	\$ 25,448,000	\$ -	0.0%

Formula GR-D 770 2020-21	Formula GR-D 770 2022-23	Formula GR-D 770 Difference	% GR-D 770 Variance Biennium
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA
\$ -	\$ -	\$ -	NA

Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Total Formula All Funds Difference	% All Funds Variance Biennium
\$ 114,849,890	\$ 114,849,890	\$ -	0.0%
\$ 25,476,160	\$ 25,476,160	\$ -	0.0%
\$ 25,448,000	\$ 25,448,000	\$ -	0.0%

<b>PERFORMANCE BASED RESEARCH OPERATIONS SUBTOTAL</b>
-------------------------------------------------------

<b>\$ 165,774,050</b>	<b>\$ 165,774,050</b>	<b>\$ -</b>	<b>0.0%</b>
-----------------------	-----------------------	-------------	-------------

<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>NA</b>
-------------	-------------	-------------	-----------

<b>\$ 165,774,050</b>	<b>\$ 165,774,050</b>	<b>\$ -</b>	<b>0.0%</b>
-----------------------	-----------------------	-------------	-------------

All 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
UH College of Medicine

Formula General Revenue 2020-21	Formula General Revenue 2022-23	Formula GR Difference	% GR Variance Biennium
\$ 297,491,301	\$ 296,011,719	\$ (1,479,582)	-0.5%
\$ 474,071,989	\$ 472,335,657	\$ (1,736,333)	-0.4%
\$ 302,163,683	\$ 300,424,550	\$ (1,739,133)	-0.6%
\$ 237,738,537	\$ 232,223,539	\$ (5,514,998)	-2.3%
\$ 375,566,253	\$ 374,001,229	\$ (1,565,024)	-0.4%
\$ 70,838,655	\$ 72,575,573	\$ 1,736,918	2.5%
\$ 205,429,411	\$ 200,465,483	\$ (4,963,928)	-2.4%
\$ 138,619,035	\$ 137,428,677	\$ (1,190,358)	-0.9%
\$ 213,299,990	\$ 212,486,785	\$ (813,205)	-0.4%
\$ 53,291,585	\$ 53,963,458	\$ 671,873	1.3%
\$ 21,970,718	\$ 26,935,902	\$ 4,965,184	22.6%
\$ 19,859,129	\$ 26,491,010	\$ 6,631,881	33.4%
\$ -	\$ 6,162,484	\$ 6,162,484	NA

Formula GR-D 770 2020-21	Formula GR-D 770 2022-23	Formula GR-D 770 Difference	% GR-D 770 Variance Biennium
\$ 10,429,767	\$ 9,145,229	\$ (1,284,538)	-12.3%
\$ 16,167,801	\$ 15,926,769	\$ (241,031)	-1.5%
\$ 19,478,017	\$ 20,396,610	\$ 918,593	4.7%
\$ 9,745,027	\$ 11,842,965	\$ 2,097,938	21.5%
\$ 1,156,043	\$ 1,394,765	\$ 238,722	20.6%
\$ 784,699	\$ 801,709	\$ 17,010	2.2%
\$ 13,524,745	\$ 12,758,755	\$ (765,990)	-5.7%
\$ 12,174,131	\$ 11,649,327	\$ (524,804)	-4.3%
\$ 15,917,598	\$ 16,171,943	\$ 254,345	1.6%
\$ 4,549,251	\$ 4,694,710	\$ 145,459	3.2%
\$ 2,114,352	\$ 1,850,058	\$ (264,294)	-12.5%
\$ 1,448,117	\$ 1,949,370	\$ 501,253	34.6%
\$ -	\$ 9,966	\$ 9,966	NA

Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Total Formula All Funds Difference	% All Funds Variance Biennium
\$ 307,921,068	\$ 305,156,948	\$ (2,764,120)	-0.9%
\$ 490,239,790	\$ 488,262,426	\$ (1,977,364)	-0.4%
\$ 321,641,700	\$ 320,821,160	\$ (820,540)	-0.3%
\$ 247,483,564	\$ 244,066,504	\$ (3,417,060)	-1.4%
\$ 376,722,296	\$ 375,395,994	\$ (1,326,302)	-0.4%
\$ 71,623,354	\$ 73,377,282	\$ 1,753,928	2.4%
\$ 218,954,156	\$ 213,224,238	\$ (5,729,918)	-2.6%
\$ 150,793,166	\$ 149,078,004	\$ (1,715,162)	-1.1%
\$ 229,217,588	\$ 228,658,728	\$ (558,860)	-0.2%
\$ 57,840,836	\$ 58,658,168	\$ 817,332	1.4%
\$ 24,085,070	\$ 28,785,960	\$ 4,700,890	19.5%
\$ 21,307,246	\$ 28,440,380	\$ 7,133,134	33.5%
\$ -	\$ 6,172,450	\$ 6,172,450	NA

<b>HEALTH RELATED TOTAL</b>
-----------------------------

<b>\$ 2,410,340,286</b>	<b>\$ 2,411,506,066</b>	<b>\$ 1,165,780</b>	<b>0.0%</b>
-------------------------	-------------------------	---------------------	-------------

<b>\$ 107,489,548</b>	<b>\$ 108,592,176</b>	<b>\$ 1,102,628</b>	<b>1.0%</b>
-----------------------	-----------------------	---------------------	-------------

<b>\$ 2,517,829,834</b>	<b>\$ 2,520,098,242</b>	<b>\$ 2,268,408</b>	<b>0.1%</b>
-------------------------	-------------------------	---------------------	-------------

Baylor College of Medicine <sup>1</sup>
-----------------------------------------

\$ 90,192,535	\$ 94,944,988	\$ 4,752,453	5.3%
---------------	---------------	--------------	------

\$ -	\$ -	\$ -	NA
------	------	------	----

\$ 90,192,535	\$ 94,944,988	\$ 4,752,453	5.3%
---------------	---------------	--------------	------

<b>HEALTH RELATED + BCOM TOTAL</b>
------------------------------------

<b>\$ 2,500,532,821</b>	<b>\$ 2,506,451,054</b>	<b>\$ 5,918,233</b>	<b>0.2%</b>
-------------------------	-------------------------	---------------------	-------------

<b>\$ 107,489,548</b>	<b>\$ 108,592,176</b>	<b>\$ 1,102,628</b>	<b>1.0%</b>
-----------------------	-----------------------	---------------------	-------------

<b>\$ 2,608,022,369</b>	<b>\$ 2,615,043,230</b>	<b>\$ 7,020,861</b>	<b>0.3%</b>
-------------------------	-------------------------	---------------------	-------------

<sup>1</sup> 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.

<sup>2</sup> 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 2022-23 biennium formula allocations.

<sup>3</sup> Special Provisions Relating only to State Agencies of Higher Education, Sec. 27.9 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.

<sup>4</sup> Special Provisions Relating only to State Agencies of Higher Education, Sec. 27.13 Mission Specific Support - Multicategorical Teaching Hospital 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.

<sup>5</sup> Special Provisions Relating only to State Agencies of Higher Education, Sec. 27.10-27.12 Mission Specific Support - Performance Based Research Operations Formula, limit the growth to no more than 5.0 percent of each institution's total General Revenue funding in the prior biennium, excluding TRB debt service.

Health Related Institutions  
Total Formula Funding Compared to Formula Drivers  
LBB Recommendations - Senate

Instruction and Operations	Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Formula All Funds Difference	% All Funds Variance Biennium
UT Southwestern Medical Center	\$ 108,331,850	\$ 105,694,544	\$ (2,637,306)	-2.4%
UT Medical Branch at Galveston	\$ 145,204,926	\$ 143,512,452	\$ (1,692,474)	-1.2%
UT Health Science Center at Houston	\$ 229,620,122	\$ 230,437,654	\$ 817,532	0.4%
UT Health Science Center at San Antonio	\$ 176,130,036	\$ 173,241,948	\$ (2,888,088)	-1.6%
UT M.D. Anderson Cancer Center	\$ 7,798,550	\$ 7,710,040	\$ (88,510)	-1.1%
UT Health Science Center at Tyler	\$ 2,222,624	\$ 3,876,762	\$ 1,654,138	74.4%
Texas A&M University Health Science Center	\$ 182,038,950	\$ 177,379,988	\$ (4,658,962)	-2.6%
UNT Health Science Center	\$ 133,222,786	\$ 131,163,136	\$ (2,059,650)	-1.5%
Texas Tech University Health Sciences Center	\$ 201,122,344	\$ 200,390,906	\$ (731,438)	-0.4%
Texas Tech University Health Sciences Center at El Paso	\$ 45,895,012	\$ 47,105,992	\$ 1,210,980	2.6%
UT Austin Dell Medical School	\$ 14,176,848	\$ 17,463,248	\$ 3,286,400	23.2%
UT Rio Grande Valley School of Medicine	\$ 13,536,602	\$ 19,893,700	\$ 6,357,098	47.0%
UH College of Medicine	\$ -	\$ 2,700,502	\$ 2,700,502	NA
INSTRUCTION AND OPERATIONS SUBTOTAL	\$ 1,259,300,650	\$ 1,260,570,872	\$ 1,270,222	0.1%
Baylor College of Medicine Undergraduate Medical Education <sup>1</sup>	\$ 72,999,289	\$ 78,917,526	\$ 5,918,237	8.1%
INSTRUCTION AND OPERATIONS w/ BCOM SUBTOTAL	\$ 1,332,299,939	\$ 1,339,488,398	\$ 7,188,459	0.5%
Infrastructure	Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Formula All Funds Difference	% All Funds Variance Biennium
UT Southwestern Medical Center	\$ 54,436,104	\$ 55,388,960	\$ 952,856	1.8%
UT Medical Branch at Galveston	\$ 26,584,828	\$ 26,665,732	\$ 80,904	0.3%
UT Health Science Center at Houston	\$ 45,498,806	\$ 44,209,930	\$ (1,288,876)	-2.8%
UT Health Science Center at San Antonio	\$ 29,687,022	\$ 29,349,570	\$ (337,452)	-1.1%
UT M.D. Anderson Cancer Center	\$ 63,293,346	\$ 63,246,238	\$ (47,108)	-0.1%
UT Health Science Center at Tyler	\$ 3,020,740	\$ 2,786,530	\$ (234,210)	-7.8%
Texas A&M University Health Science Center	\$ 17,391,264	\$ 16,658,736	\$ (732,528)	-4.2%
UNT Health Science Center	\$ 8,838,510	\$ 8,719,534	\$ (118,976)	-1.3%
Texas Tech University Health Sciences Center	\$ 18,672,908	\$ 18,417,838	\$ (255,070)	-1.4%
Texas Tech University Health Sciences Center at El Paso	\$ 5,756,794	\$ 5,681,210	\$ (75,584)	-1.3%
UT Austin Dell Medical School	\$ 2,799,190	\$ 3,869,466	\$ 1,070,276	38.2%
UT Rio Grande Valley School of Medicine	\$ 2,683,940	\$ 2,855,276	\$ 171,336	6.4%
UH College of Medicine	\$ -	\$ 646,836	\$ 646,836	NA
INFRASTRUCTURE SUBTOTAL	\$ 278,663,452	\$ 278,495,856	\$ (167,596)	-0.1%

Weighted FTSEs 2020-21	Weighted FTSEs 2022-23	Weighted FTSEs Difference	% WTFSEs Variance Biennium
5,629.6	5,580.8	(49)	-0.9%
7,545.7	7,577.6	32	0.4%
11,540.7	11,766.6	226	2.0%
9,116.4	9,102.2	(14)	-0.2%
405.3	407.1	2	0.5%
50.3	103.0	53	104.9%
8,557.2	8,491.3	(66)	-0.8%
6,923.1	6,925.6	3	0.0%
9,771.2	9,891.3	120	1.2%
2,385.0	2,487.3	102	4.3%
736.7	922.1	185	25.2%
703.4	1,050.4	347	49.3%
-	142.6	143	NA
\$ 63,365	\$ 64,448	\$ 1,083	1.7%
619.0	654.0	35	5.7%
63,983.6	65,101.8	1,118.2	1.7%
Predicted Square Feet 2020-21	Predicted Square Feet 2022-23	Predicted Square Feet Difference	% Predicted Sq. Ft. Variance Biennium
4,434,248	4,656,936	222,688	5.0%
2,165,543	2,241,974	76,431	3.5%
3,706,235	3,717,037	10,802	0.3%
2,418,241	2,467,623	49,382	2.0%
5,155,740	5,317,552	161,812	3.1%
246,063	234,283	(11,780)	-4.8%
1,416,655	1,400,616	(16,039)	-1.1%
719,966	733,112	13,146	1.8%
1,521,055	1,548,516	27,461	1.8%
468,936	477,659	8,723	1.9%
228,016	325,333	97,317	42.7%
218,628	240,063	21,435	9.8%
-	54,384	54,384	NA
\$ 22,699,326	\$ 23,415,088	\$ 715,762	3.2%



Health Related Institutions  
Total Formula Funding Compared to Formula Drivers  
LBB Recommendations - Senate

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	\$ 13,898,002	\$ 13,264,246	\$ (633,756)	-4.6%
UT Medical Branch at Galveston	\$ 6,345,938	\$ 5,975,088	\$ (370,850)	-5.8%
UT Health Science Center at Houston	\$ 8,485,990	\$ 8,202,584	\$ (283,406)	-3.3%
UT Health Science Center at San Antonio	\$ 6,917,438	\$ 6,678,580	\$ (238,858)	-3.5%
UT M.D. Anderson Cancer Center	\$ 23,059,276	\$ 21,931,254	\$ (1,128,022)	-4.9%
UT Health Science Center at Tyler	\$ 3,278,824	\$ 3,203,190	\$ (75,634)	-2.3%
Texas A&M University Health Science Center	\$ 5,279,816	\$ 4,998,200	\$ (281,616)	-5.3%
UNT Health Science Center	\$ 3,896,270	\$ 3,822,556	\$ (73,714)	-1.9%
Texas Tech University Health Sciences Center	\$ 3,715,134	\$ 3,761,592	\$ 46,458	1.3%
Texas Tech University Health Sciences Center at El Paso	\$ 3,120,514	\$ 3,076,668	\$ (43,846)	-1.4%
UT Austin Dell Medical School	\$ 3,467,406	\$ 3,568,490	\$ 101,084	2.9%
UT Rio Grande Valley School of Medicine	\$ 3,080,826	\$ 3,237,874	\$ 157,048	5.1%
UH College of Medicine	\$ -	\$ 2,825,112	\$ 2,825,112	NA
RESEARCH SUBTOTAL	\$ 84,545,434	\$ 84,545,434	\$ -	0.0%

Graduate Medical Education	Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Formula All Funds Difference	% All Funds Variance Biennium
UT Southwestern Medical Center	\$ 16,405,222	\$ 15,959,308	\$ (445,914)	-2.7%
UT Medical Branch at Galveston	\$ 6,901,178	\$ 6,906,234	\$ 5,056	0.1%
UT Health Science Center at Houston	\$ 12,560,622	\$ 12,494,832	\$ (65,790)	-0.5%
UT Health Science Center at San Antonio	\$ 9,301,068	\$ 9,348,406	\$ 47,338	0.5%
UT M.D. Anderson Cancer Center	\$ 1,755,144	\$ 1,692,482	\$ (62,662)	-3.6%
UT Health Science Center at Tyler	\$ 919,362	\$ 1,328,996	\$ 409,634	44.6%
Texas A&M University Health Science Center	\$ 14,244,126	\$ 14,187,314	\$ (56,812)	-0.4%
UNT Health Science Center	\$ 4,835,600	\$ 5,372,778	\$ 537,178	11.1%
Texas Tech University Health Sciences Center	\$ 5,707,202	\$ 6,088,392	\$ 381,190	6.7%
Texas Tech University Health Sciences Center at El Paso	\$ 3,068,516	\$ 2,794,298	\$ (274,218)	-8.9%
UT Austin Dell Medical School	\$ 3,641,626	\$ 3,884,756	\$ 243,130	6.7%
UT Rio Grande Valley School of Medicine	\$ 2,005,878	\$ 2,453,530	\$ 447,652	22.3%
UH College of Medicine	\$ -	\$ -	\$ -	NA
HEALTH RELATED GME SUBTOTAL	\$ 81,345,544	\$ 82,511,326	\$ 1,165,782	1.4%
Baylor College of Medicine Graduate Medical Education <sup>1</sup>	\$ 17,193,246	\$ 16,027,462	\$ (1,165,784)	-6.8%
HEALTH RELATED + BCOM GME SUBTOTAL	\$ 98,538,790	\$ 98,538,788	\$ (2)	0.0%

Research Expenditures 2018-19	Research Expenditures 2020-21	Research Expenditures Difference	% Research Exp. Variance Biennium
\$ 469,504,659	\$ 489,417,809	\$ 19,913,150	4.2%
\$ 149,290,729	\$ 147,683,964	\$ (1,606,765)	-1.1%
\$ 240,030,744	\$ 252,114,494	\$ 12,083,750	5.0%
\$ 173,522,815	\$ 180,665,435	\$ 7,142,620	4.1%
\$ 857,950,511	\$ 895,748,758	\$ 37,798,247	4.4%
\$ 19,242,529	\$ 17,730,519	\$ (1,512,010)	-7.9%
\$ 104,086,294	\$ 101,885,063	\$ (2,201,231)	-2.1%
\$ 45,422,755	\$ 46,767,902	\$ 1,345,147	3.0%
\$ 37,742,447	\$ 43,909,753	\$ 6,167,306	16.3%
\$ 12,530,054	\$ 11,798,814	\$ (731,240)	-5.8%
\$ 27,238,585	\$ 34,856,662	\$ 7,618,077	28.0%
\$ 10,847,246	\$ 19,356,542	\$ 8,509,296	78.4%
-	5,280	5,280	NA
\$ 2,147,409,368	\$ 2,241,940,995	\$ 94,531,627	4.4%
Medical Residents 2020-21	Medical Residents 2022-23	Medical Residents Difference	% Residents Variance Biennium
1,374	1,405	31	2.3%
578	608	30	5.2%
1,052	1,100	48	4.6%
779	823	44	5.6%
147	149	2	1.4%
77	117	40	51.9%
1,193	1,249	56	4.7%
405	473	68	16.8%
478	536	58	12.1%
257	246	(11)	-4.3%
305	342	37	12.1%
168	216	48	28.6%
-	-	-	NA
6,813	7,264	451	6.6%
1,440	1,411	(29)	-2.0%
8,253	8,675	422	5.1%

**Health Related Institutions**  
**Total Formula Funding Compared to Formula Drivers**  
**LBB Recommendations - Senate**

Cancer Center Operations	Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Formula All Funds Difference	% All Funds Variance Biennium
UT M.D. Anderson Cancer Center	\$ 280,815,980	\$ 280,815,980	\$ -	0.0%
CANCER CENTER OPERATIONS SUBTOTAL	\$ 280,815,980	\$ 280,815,980	\$ -	0.0%
Chest Disease Center Operations	Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Formula All Funds Difference	% All Funds Variance Biennium
UT Health Science Center at Tyler	\$ 62,181,804	\$ 62,181,804	\$ -	0.0%
CHEST DISEASE CENTER OPERATIONS SUBTOTAL	\$ 62,181,804	\$ 62,181,804	\$ -	0.0%
Health Systems Operations	Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Formula All Funds Difference	% All Funds Variance Biennium
UT Medical Branch at Galveston	\$ 305,202,920	\$ 305,202,920	\$ -	0.0%
HEALTH SYSTEMS OPERATIONS SUBTOTAL	\$ 305,202,920	\$ 305,202,920	\$ -	0.0%
Performance Based Research Operations	Total Formula All Funds 2020-21	Total Formula All Funds 2022-23	Formula All Funds Difference	% All Funds Variance Biennium
UT Southwestern Medical Center	\$ 114,849,890	\$ 114,849,890	\$ -	0.0%
UT Health Science Center at Houston	\$ 25,476,160	\$ 25,476,160	\$ -	0.0%
UT Health Science Center at San Antonio	\$ 25,448,000	\$ 25,448,000	\$ -	0.0%
PERFORMANCE BASED RESEARCH OPERATIONS SUBTOTAL	\$ 165,774,050	\$ 165,774,050	\$ -	0.0%

TX Cancer Patients 2020-21	TX Cancer Patients 2022-23	TX Cancer Patients Difference	% TX Patients Variance Biennium
84,275	84,729	454	0.5%
84,275	84,729	454	0.5%
Chest Disease Cases 2020-21	Chest Disease Cases 2022-23	Chest Disease Cases Difference	% Cases Variance Biennium
164,268	187,001	22,733	13.8%
164,268	187,001	22,733	13.8%
Patient Encounters 2020-21	Patient Encounters 2022-23	Patient Encounters <sup>2</sup> Difference	% Encounters Variance Biennium
849,752	861,825	12,073	1.4%
849,752	861,825	12,073	1.4%
Three Year Average Exp. 2020-21	Three Year Average Exp. 2022-23	Three Year Average Exp. Difference	% Variance Biennium
415,015,171	464,488,953	49,473,782	11.9%
124,597,207	131,501,240	6,904,033	5.5%
97,962,282	105,657,578	7,695,296	7.9%
637,574,660	701,647,771	64,073,110	10.0%

<sup>1</sup> Appropriations for Baylor College of Medicine are provided through the Texas Higher Education Coordinating Board bill pattern.

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

**HRI Appendix 3**

Institutions	Full Time Student Equivalents 2020-21	Preliminary Full Time Student Equivalents 2022-23	Difference	2020-21 Appropriations	2022-23 Allocations	Difference
UT Southwestern Medical Center	2,219	2,219	(0)	\$ -	\$ -	\$ -
UT Medical Branch at Galveston	3,757	3,789	32	\$ -	\$ -	\$ -
UT Health Science Center at Houston	4,949	5,057	108	\$ 7,537,944	\$ 7,591,314	\$ 53,370
UT Health Science Center at San Antonio	3,915	3,885	(30)	\$ 699,748	\$ 855,266	\$ 155,518
UT M.D. Anderson Cancer Center	405	407	2	\$ -	\$ -	\$ -
UT Health Science Center at Tyler	35	63	29	\$ 1,255,142	\$ 1,925,918	\$ 670,776
Texas A&M University Health Science Center	3,185	3,308	123	\$ 17,370,112	\$ 16,564,310	\$ (805,802)
UNT Health Science Center	2,859	2,845	(14)	\$ -	\$ -	\$ -
Texas Tech University Health Sciences Center	5,961	6,079	118	\$ 13,091,818	\$ 13,060,792	\$ (31,026)
Texas Tech University Health Sciences Center at El Paso	778	840	62	\$ -	\$ -	\$ -
UT Austin Dell Medical School	155	194	39	\$ -	\$ -	\$ -
UT Rio Grande Valley School of Medicine	148	221	73	\$ -	\$ -	\$ -
UH College of Medicine	-	30	30	\$ -	\$ -	\$ -
<b>TOTAL:</b>	<b>28,366</b>	<b>28,908</b>	<b>542</b>	<b>\$ 39,954,764</b>	<b>\$ 39,997,600</b>	<b>\$ 42,836</b>

**Health Related Institutions**  
**Non-Formula Support Item Funding Compared to 2020-21 Appropriated**  
**LBB Recommendations - Senate**

**HRI Appendix 4**

Non-Formula Support Item Funding, General Revenue	2020 GR	2021 GR	2020-21 GR	2022 GR	2023 GR	2022-23 GR	Difference	% Variance Biennium
UT Southwestern Medical Center	\$ 2,307,632	\$ 2,307,632	\$ 4,615,264	\$ 2,192,251	\$ 2,192,250	\$ 4,384,501	\$ (230,763)	-5.0%
UT Medical Branch at Galveston	\$ 8,016,617	\$ 8,016,617	\$ 16,033,234	\$ 7,600,844	\$ 7,600,844	\$ 15,201,688	\$ (831,546)	-5.2%
UT Health Science Center at Houston	\$ 17,395,455	\$ 17,395,455	\$ 34,790,910	\$ 16,925,681	\$ 16,925,681	\$ 33,851,362	\$ (939,548)	-2.7%
UT Health Science Center at San Antonio	\$ 10,836,635	\$ 10,836,635	\$ 21,673,270	\$ 10,201,855	\$ 10,201,855	\$ 20,403,710	\$ (1,269,560)	-5.9%
UT M.D. Anderson Cancer Center	\$ 2,982,685	\$ 2,982,686	\$ 5,965,371	\$ 2,833,551	\$ 2,833,551	\$ 5,667,102	\$ (298,269)	-5.0%
UT Health Science Center at Tyler	\$ 9,463,263	\$ 9,463,263	\$ 18,926,526	\$ 9,326,600	\$ 9,326,600	\$ 18,653,200	\$ (273,326)	-1.4%
Texas A&M Health Science Center	\$ 24,088,732	\$ 24,088,732	\$ 48,177,464	\$ 22,961,454	\$ 22,961,454	\$ 45,922,908	\$ (2,254,556)	-4.7%
North Texas Health Science Center at Fort Worth <sup>1</sup>	\$ 15,362,018	\$ 15,086,754	\$ 30,448,772	\$ 14,842,573	\$ 14,567,310	\$ 29,409,883	\$ (1,038,889)	-3.4%
Texas Tech University Health Sciences Center	\$ 19,328,853	\$ 19,328,852	\$ 38,657,705	\$ 18,487,409	\$ 18,487,409	\$ 36,974,818	\$ (1,682,887)	-4.4%
Texas Tech University Health Sciences Center at El Paso	\$ 29,435,860	\$ 29,435,860	\$ 58,871,720	\$ 27,964,066	\$ 27,964,067	\$ 55,928,133	\$ (2,943,587)	-5.0%
UT Austin Dell Medical School	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	NA
UT Rio Grande Valley School of Medicine	\$ 22,356,250	\$ 22,356,250	\$ 44,712,500	\$ 21,238,438	\$ 21,238,437	\$ 42,476,875	\$ (2,235,625)	-5.0%
UH College of Medicine <sup>2</sup>	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 10,000,000	\$ 20,000,000	\$ 20,000,000	NA
<b>Total Non-Formula Support Item Funding</b>	<b>\$ 161,574,000</b>	<b>\$ 161,298,736</b>	<b>\$ 322,872,736</b>	<b>\$ 164,574,722</b>	<b>\$ 164,299,458</b>	<b>\$ 328,874,180</b>	<b>\$ 6,001,444</b>	<b>1.9%</b>

<sup>1</sup> UNTHSC 2020-21 totals include \$5.0 million for Rape Kit Testing non-formula support funding.

<sup>2</sup> 2022-23 amounts for UH College of Medicine were appropriated to the UH GAI bill pattern as a non-formula support item in the 2020-21 biennium.