**GLENN HEGAR** TEXAS COMPTROLLER OF PUBLIC ACCOUNTS

# Biennial Property Tax Report



### Tax Years 2020 and 2021 TEXAS PROPERTY TAX



December 2022

The Honorable Greg Abbott, Governor The Honorable Dan Patrick, Lieutenant Governor The Honorable Dade Phelan, Speaker of the House Members of the 87th Legislature

Ladies and Gentlemen:

We are pleased to present the Biennial Property Tax Report for 2020 and 2021, as required by Tax Code Section 5.09. The report provides tax rate and value information for tax years 2020 and 2021.

We are committed to assisting taxpayers, appraisal districts, appraisal review boards, tax assessor-collectors and elected officials with property tax administration. This report is designed to provide data that is both useful and informative.

If you need further explanation of the findings or more extensive data and analysis, please contact Shannon Murphy, Property Tax Assistance Division Director, at shannon.murphy@cpa.texas.gov or 512-463-2273.

Sincerely,

logar Glenn Hegar

cc: Shannon Murphy



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### Overview

The Tax Code directs the Comptroller's office to publish a biennial report of the appraised and taxable values of properties by category and the tax rates of counties, cities, special districts and school districts for a two-year period.<sup>1</sup> This report provides the governor, the lieutenant governor and each member of the Legislature a single point of reference for appraised values, taxable values and tax levies and rates of Texas taxing units. The complete market and taxable values and tax rates for all counties, cities, special districts and school districts is available on our **Property Tax Reports and Survey Data** webpage.

The data for this report, including total market and taxable values and tax rates for all school districts, special districts, counties and cities, is available in downloadable electronic spreadsheets on our **Tax Rates and Levies** webpage.

In previous reports taxable value by category was estimated using the data and systems available at the time. A new property tax system was introduced in early 2019 that is capable of a more granular analysis of property tax data. The Comptroller's office has continued to refine the system and reporting process since that time, resulting in a report that more accurately reflects local reported values. Texas cities, counties, school districts and other taxing units rely on property tax to fund their operations. In addition to property tax, taxing units may also impose, levy and collect other taxes and fees as authorized by law.

**Exhibit 1** shows that local property tax remains the largest tax assessed in Texas. Property taxes levied by taxing units statewide exceeded \$70 billion in 2020 and \$73 billion in 2021.

While local property taxes account for slightly over half of all tax revenue in the state, the state does not appraise property for property tax purposes, set property tax rates or collect property taxes. The Texas Constitution prohibits statewide appraisal of real property for property tax purposes and statewide property tax.<sup>2</sup>

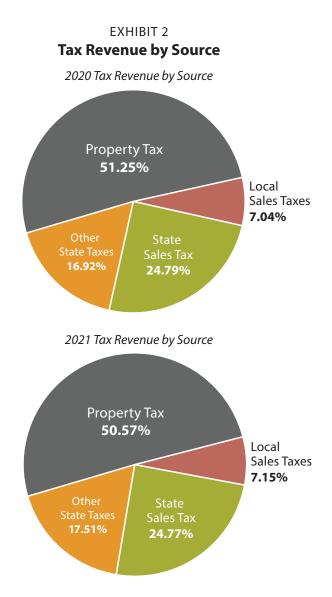
The next largest tax revenue source in Texas is the sales tax, which is imposed by both the state government and local taxing units. As demonstrated in **Exhibit 2**, local taxing units consistently collect about 58 percent of all taxes in the state, while state government collects about 42 percent.

Tax Revenue in Texas by Source, 2020-2021									
Type of Tax	2020 Tax Amount	Percent of Total Tax	2021 Tax Amount	Percent of Total Tax					
Property Tax	\$70,499,814,874	51.25%	\$73,537,178,149	50.57%					
State Sales Tax	\$34,099,115,139	24.79%	\$36,019,605,414	24.77%					
Local Sales Taxes	\$9,687,546,546	7.04%	\$10,397,072,650	7.15%					
Other State Taxes	\$23,280,703,283	16.92%	\$25,453,877,902	17.51%					
TOTAL TAXES	\$137,567,179,842	100.00%	\$145,407,734,115	100.00%					

EXHIBIT 1 Tax Revenue in Texas by Source, 2020-2021

<sup>&</sup>lt;sup>1</sup> Tex. Tax Code §5.09

<sup>&</sup>lt;sup>2</sup> Tex. Const. art. VIII, §§1-e and 23



#### **Local Property Tax**

The Texas Constitution sets out five basic rules for property taxes.

The first requirement is that taxation must be equal and uniform.<sup>3</sup> Local officials must base property taxes on values determined by appraisal districts.

Second, property must be assessed at no more than fair cash market value – the price for which it would sell when both buyer and seller seek the best price and neither is under pressure to buy or sell.<sup>4</sup> Except as provided by the Texas Constitution, all real and tangible personal property shall be taxed in proportion to its value, which shall be ascertained

as provided by law.<sup>5</sup> The Texas Constitution provides certain exceptions to this rule, such as the use of productivity values for agricultural and timber lands.

Third, each property in a county must have a single appraised value.<sup>6</sup> This means that the various taxing units that collect property taxes cannot assign different values to the same property – all must use the same value.<sup>7</sup>

Fourth, all property is taxable unless federal or state law exempts it from the tax. These exemptions may exclude all or part of a property's value from taxation.

Finally, property owners have a right to reasonable notice of increases in their property's appraised value.<sup>8</sup>

Taxing units can assess and collect property taxes for two primary uses. First, they can collect a maintenance and operations (M&O) tax that is used primarily to pay for the day-to-day functions of the government. They can also collect an interest and sinking (I&S) tax to pay bonds, including interest, to finance capital projects such as buildings, facilities or other infrastructure. While I&S property taxes are not the only way for taxing units to pay for infrastructure, they comprise one of the primary tools available for this purpose.

#### **Appraisal District Operations**

Before the Legislature created appraisal districts in 1981, thousands of taxing units appraised property and imposed taxes independently, resulting in wide disparities in value. As property tax levies increased and the state began to base more aid to school districts on property values, centralized local appraisal became necessary.

Each year, the Comptroller's office surveys the state's 253 appraisal districts for information about their operations in the prior year.<sup>9</sup> In 2020 and 2021, 99 percent of the appraisal districts responded to the survey.

The wide range of responses reported in the annual *Appraisal District Operations Survey* reflects the diversity among appraisal districts. **Exhibit 3** shows a huge variance in staffing, with over 100 appraisal districts reporting less than five staff members.

<sup>&</sup>lt;sup>3</sup> Tex. Const. art. VIII, §1(a)

<sup>&</sup>lt;sup>4</sup> Tex. Const. art. VIII, §20, Tex. Tax Code §1.04(7)

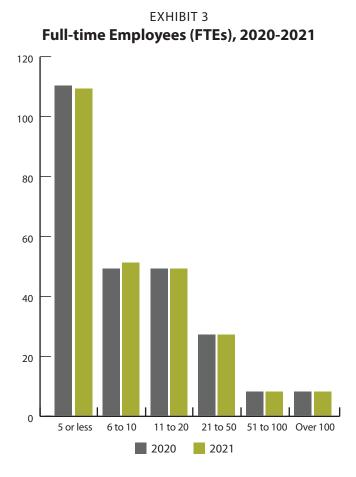
<sup>&</sup>lt;sup>5</sup> Tex. Const. art. VIII, §1(b)

<sup>&</sup>lt;sup>6</sup> Tex. Const. art. VIII, §18

<sup>&</sup>lt;sup>7</sup> Tex. Const. art. VIII, §1(b)

<sup>&</sup>lt;sup>8</sup> Tex. Const. art. VIII, §21(c)

<sup>&</sup>lt;sup>9</sup> Tex. Tax Code §5.03(b)



Appraisal districts report a wide range in the amount of budget resources available. Many appraisal districts also perform collections functions, with 109 districts reporting doing so in 2020 and 105 districts in 2021. **Exhibit 4** shows the combined budget totals including allotments for appraisal operations and collections functions, if applicable, provided by appraisal districts for 2020 and 2021.

Appraisal districts also report a wide range in their available technological resources. **Exhibit 5** shows the appraisal districts that reported having computer-assisted mass appraisal (CAMA) systems, geographic information systems (GIS) and aerial technology available in 2020 and 2021. Nearly all the appraisal districts reported having CAMA systems, and a majority also use GIS and aerial photography.

While the variance in survey results makes generalized observations difficult, it demonstrates the complexity of appraisal district daily operations, the massive job they perform and the benefit they provide to local taxing units. The complete survey data, including staff, budget and resources information, is available in the operations survey data posted on our **Property Tax Survey Reports and Data** webpage.



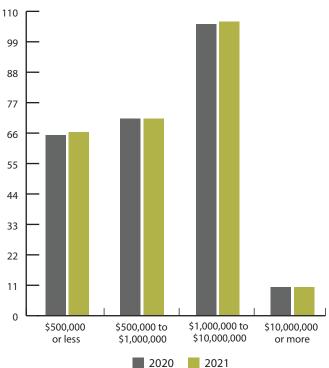
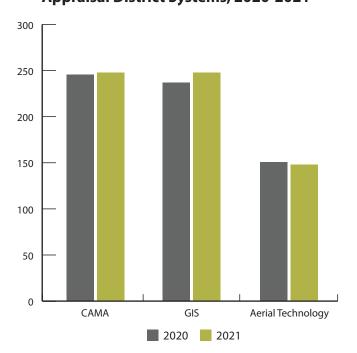


EXHIBIT 5 Appraisal District Systems, 2020-2021



## Local Property Values

The biennial report must include the total appraised values and taxable values of property by category for two years preceding the report year.<sup>10</sup>

With a few exceptions, the appraised value of property is an appraiser's opinion regarding a property's market value as of a certain date. Generally, the Tax Code defines appraised value as market value as of Jan. 1.<sup>11</sup> Appraised value means the value as determined by Tax Code Chapter 23.<sup>12</sup>

Taxable value means the amount determined by deducting the amount of any applicable exemptions from the assessed value.<sup>13</sup>

#### **Property Classifications**

At least once every two years, the Comptroller's office must conduct a study to determine the total taxable value of all property in each school district.<sup>14</sup> Also, at least once every two years, the Comptroller's office must conduct a ratio study in each appraisal district to determine the degree of uniformity of and the median level of appraisals by the appraisal district within each major property category.<sup>15</sup> To facilitate these studies, the Comptroller's office develops the *Texas Property Tax Assistance Property Classification Guide* with categories described in **Appendix 1**. When reporting information to the Comptroller's office, appraisal districts must use the broad property classification categories, such as single-family residential, multifamily residential, commercial real, etc., as listed and defined in the guide.<sup>16</sup>

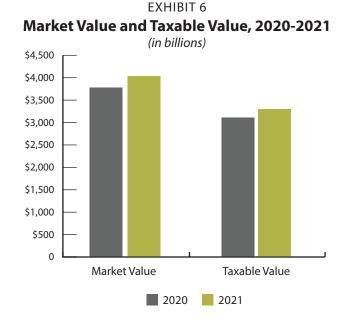
- <sup>13</sup> Tex. Tax Code §1.04(10)
- <sup>14</sup> Tex. Gov't Code §403.302(a) and (a-1)

<sup>16</sup> Tex. Tax Code §5.07(c)

#### **Market and Taxable Values**

Market value as defined by Tax Code Section 1.04(7) is the price a property would sell for in the current market between a knowledgeable buyer and seller each trying to maximize gain and neither in a position to take advantage of the other. Taxable value accounts for any special appraisal provisions, value limitation agreements and applicable exemptions. In calculating taxable value by category, the Comptroller's office uses data submitted by appraisal districts to determine the allocation.

Appraisal districts reported that the 2020 market value of taxable property in school districts statewide was almost \$3.8 trillion (**Appendix 2**) and the 2020 taxable value was almost \$3.1 trillion, a difference of approximately \$670 billion. In 2021, appraisal districts reported that the market value of taxable property in school districts statewide was just over \$4 trillion (**Appendix 3**) and the 2021 taxable value was almost \$3.3 trillion, a difference of approximately \$734 billion. **Exhibit 6** shows the change in both market and taxable value from 2020 to 2021.



<sup>&</sup>lt;sup>10</sup> Tex. Tax Code §5.09(a)

<sup>&</sup>lt;sup>11</sup> Tex. Tax Code §§1.04(8) and 23.01 and the International Association of Assessing Officers, Property Appraisal and Assessment Administration, edited by Joseph K. Eckert, Ph.D. (Chicago, Illinois, 1990), p. 15.

<sup>&</sup>lt;sup>12</sup> Tex. Tax Code \$1.04(8)

<sup>&</sup>lt;sup>15</sup> Tex. Tax Code §5.10(a)

**Exhibit 7** shows that single-family residential property made up over 47 percent of the total taxable value in 2020 and just over 49 percent in 2021. Commercial real property accounted for just over 17 percent of the total in 2020 and just under 17 percent in 2021.

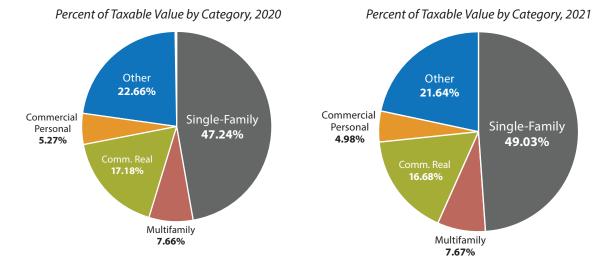
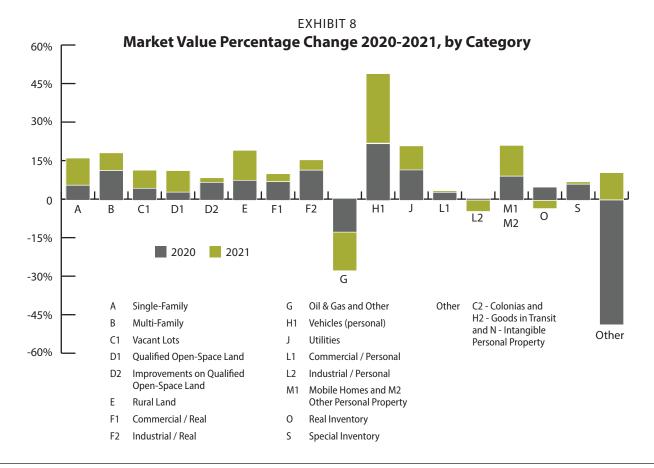


EXHIBIT 7
Percent of Taxable Value by Category

Market values increased overall for each of the past 10 years. **Exhibit 8** shows that personal vehicle property saw the greatest percentage increase in market value, up 27.06 percent from 2020 to 2021. Percent changes in market values from 2011 through 2021 are displayed in **Appendix 4**.



# Tax Rates and Levies by County

In addition to the required tax rates for counties, cities and school districts, this report includes online data on property tax rates and levies for special purpose districts.

#### **Local Property Tax Levies**

**Exhibit 9** shows that in 2021, Texas' cities, counties, school districts and special purpose districts levied more than \$73 billion in property taxes, a 4.31 percent increase from 2020.

	2020 Number of Units	2020 Tax Levy	2020 Percent of Levy	2021 Number of Units	2021 Tax Levy	2021 Percent of Levy	Percent Levy Change from 2020 to 2021
School Districts	1,015	\$37,759,657,465	53.56%	1,015	\$38,946,142,782	52.96%	3.14%
Cities	1,089	\$11,963,476,245	16.97%	1,084	\$12,495,940,682	16.99%	4.45%
Counties	254	\$11,290,528,493	16.01%	254	\$11,694,130,764	15.90%	3.57%
Special Districts	2,063	\$9,486,152,671	13.46%	2,092	\$10,400,963,921	14.14%	9.64%
TOTAL	4,421	\$70,499,814,874	100.00%	4,445	\$73,537,178,149	100.00%	4.31%

EXHIBIT 9 Property Taxes Reported by Taxing Unit Type, 2020 vs. 2021

Source: Texas Comptroller of Public Accounts.

Unlike other taxing units, which can also collect sales taxes and fees, school districts' only source of tax revenue is property tax. In 2021, the state's 1,015 school districts levied almost \$39 billion in property taxes, or 52.96 percent of all property taxes levied by local taxing units in the state (**Exhibit 10**).

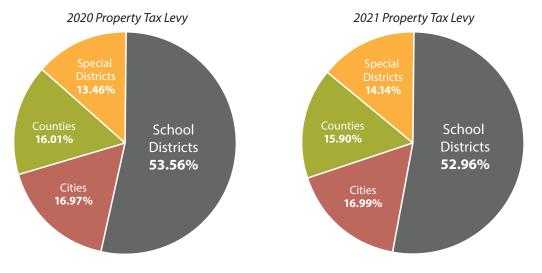


EXHIBIT 10 Property Taxes Reported by Taxing Unit Type

Cities levied the second-largest share of property tax in 2021 at almost \$12.5 billion, up 4.45 percent from the 2020 levy. Counties followed with a property tax levy of almost \$11.7 billion, which is 3.57 percent more than in 2020 (**Exhibit 11**).

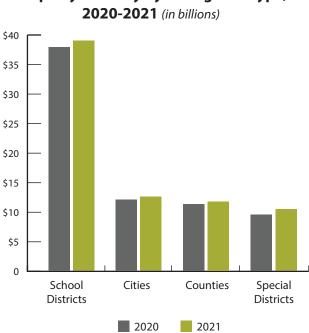


EXHIBIT 11 Property Tax Levy by Taxing Unit Type, 2020-2021 (in billions) Exhibit 12 shows the average annual percentage of increase in the levy statewide and by taxing unit type, calculated using data from 1998 through 2021 (Appendix 5).

**Exhibit 13** shows the average annual increase in the amount of levy statewide and by taxing unit type, calculated using data from 1998 through 2021 (**Appendix 5**).

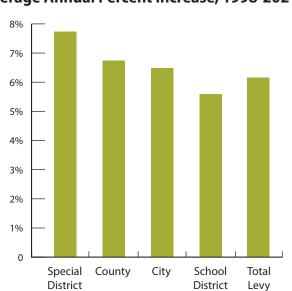


EXHIBIT 12 Average Annual Percent Increase, 1998-2021

EXHIBIT 13 Property Tax Levy Growth by Taxing Unit Type, 1998-2021 (in billions)

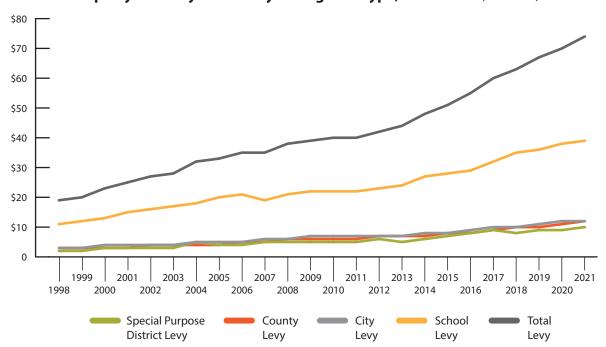


Exhibit 14 shows the average annual percentage of change in the amount of levy statewide and by taxing unit type, calculated using data from 1998 through 2021 (Appendix 5).

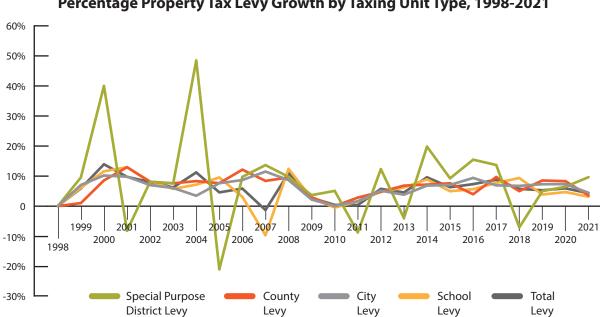


EXHIBIT 14 Percentage Property Tax Levy Growth by Taxing Unit Type, 1998-2021

**Appendix 5** provides more detailed information about levy growth for cities, counties, school districts and special purpose districts.

#### **Tax Rates and Levies by County**

Tax rates and levies for taxing units within each county are published on the Comptroller's Tax Rates and Levies webpage.<sup>17</sup>

#### Keeping a Check on Local Property Tax Increases

Taxpayers have a mechanism to limit the tax rate that a taxing unit may adopt. Prior to 2020, if taxing units, other than school districts, adopted tax rates above a calculated rollback tax rate, taxpayers could petition for a rollback election. Senate Bill 2, 86th Legislature, Regular Session (SB 2), placed greater restrictions on property tax rate increases, generally requiring an automatic election to approve an adopted tax rate that exceeds a calculated voter-approval tax rate. Beginning in tax year 2020, the voter-approval tax rate provides cities and counties with about the same amount of tax revenue they spent the previous year for daily operations plus an extra 3.5 percent for operations and sufficient funds to pay debts in the coming year. For special taxing units, junior college districts and hospital districts, the voter-approval tax rate provides an extra 8 percent increase for operations and sufficient funds to pay debts in the coming year.

Unlike other taxing units, automatic elections were already required if a school district adopted a tax rate that exceeded the rollback rate; however, the 86th Legislature implemented other changes affecting school district tax rates and tax rate adoption. House Bill 3, 86th Legislature, Regular Session (HB 3), compressed school district M&O tax rates in 2019 and required additional compression in 2020 and beyond under certain conditions. Along with tax rate compression, HB 3 also changed terminology from "rollback tax rate" to "voter-approval tax rate" and the calculations required for school districts to calculate this rate. HB 3 added Education Code Section 11.184, requiring the board of trustees of a school district to perform an efficiency audit before seeking voter approval to adopt an M&O tax rate at an election.

We hope you find this report useful. If you need further explanation of the findings or more extensive data and analysis, please contact the Property Tax Assistance Division at ptad.cpa@cpa.texas.gov.

<sup>&</sup>lt;sup>17</sup> Tex. Tax Code §5.091

#### APPENDIX 1 Property Categories

Category	Category Name	Description
A	Real Property: Single-Family Residential	Houses, condominiums and mobile homes located on land owned by the occupant
В	Real Property: Multifamily Residential	Residential structures containing two or more dwelling units belonging to one owner (apartments but not motels or hotels)
C1	Real Property: Vacant Lots and Tracts	Unimproved land parcels usually located within or adjacent to cities with no minimum or maximum size requirement
C2	Real Property: Colonia Lots and Tracts	Colonia properties that may not be sold pursuant to Local Government Code Chapter 232
D1	Real Property: Qualified Open-Space Land	Acreage qualified for productivity valuation
D2	Real Property: Farm and Ranch Improvements on Qualified Open-Space Land	Improvements, other than residences, associated with land reported as Category D1 property, including all barns, sheds, silos, garages, other improvements associated with farming or ranching
E	Real Property: Rural Land, not Qualified for Open-Space Appraisal, and Residential Improvements	Rural land that is not qualified for productivity valuation and the improvements, including residential
F1	Real Property: Commercial	Land and improvements devoted to business activities (not utility property)
F2	Real Property: Industrial	Land and improvements devoted to the development, manufacturing, fabrication, processing or storage of a product (not utility property)
G	Oil, Gas and Other Subsurface Interests	Non-exempt value of oil and gas, other minerals, and certain interests in subsurface land and the equipment used to produce products
H1	Tangible Personal Property: Nonbusiness Vehicles	Privately owned automobiles, motorcycles and light trucks not used to produce income
H2	Tangible Personal Property: Goods in Transit	Personal property stored under a contract of bailment by a public warehouse operator and identified according to the provisions of Tax Code Section 11.253 and a local taxing unit voted to tax the property
J	Real and Personal Property: Utilities	All real and tangible personal property of railroads, pipelines, electric companies, gas companies, telephone companies, water systems, cable TV companies and other utility companies
L1	Personal Property: Commercial	All tangible personal property used by commercial businesses to produce income, including fixtures, equipment and inventory
L2	Personal Property: Industrial	All tangible personal property used by an industrial business to produce income, including fixtures, equipment and inventory
м	Mobile Homes and Other Tangible Personal Property	Taxable personal property not included in other categories, such as mobile homes on land owned by someone else; and aircraft, boats, travel trailers, motor homes and mobile homes on rented or leased land
N	Intangible Personal Property	Taxable intangible property not otherwise classified
0	Real Property: Residential Inventory	Residential real property inventory held for sale
S	Special Inventory	Certain inventories of businesses that provide items for sale including dealer's motor vehicle inventory, dealer's heavy equipment inventory, dealer's vessel and outboard motor inventory and retail manufactured housing inventory

Category	2020 School District Market Value	Percent of Total	2020 School District Taxable Value	Percent of Total
A - Single-family	\$1,728,497,791,293	45.94%	\$1,460,542,838,602	47.24%
B - Multifamily	\$244,661,161,876	6.50%	\$236,896,872,670	7.66%
C1 - Vacant Lots	\$57,953,178,219	1.54%	\$57,032,973,921	1.84%
C2 - Colonia Lots	\$89,642,135	0.00%	\$89,072,798	0.00%
D1 - Qualified Open-Space Land	\$320,446,150,820	8.52%	\$14,497,683,770	0.47%
D2 - Farm and Ranch Improvements	\$4,789,448,615	0.13%	\$4,632,844,637	0.15%
E - Farm and Ranch Improvements	\$110,526,247,482	2.94%	\$93,499,422,297	3.02%
F1 - Commercial Real	\$547,499,385,558	14.55%	\$531,109,248,786	17.18%
F2 - Industrial Real	\$182,576,905,136	4.85%	\$173,064,338,627	5.60%
G - Oil, Gas, and Minerals	\$120,780,958,560	3.21%	\$120,780,958,560	3.91%
H1 - Vehicles	\$71,614,681	0.00%	\$71,590,694	0.00%
H2 - Goods in Transit	\$8,931,714	0.00%	\$8,931,714	0.00%
J - Utilities	\$97,750,360,708	2.60%	\$95,813,550,939	3.10%
L1 - Commercial Personal	\$181,421,908,361	4.82%	\$162,805,609,650	5.27%
L2 - Industrial Personal	\$132,799,394,830	3.53%	\$110,129,293,175	3.56%
M - Mobile Homes and Other Personal	\$8,798,754,641	0.23%	\$7,502,544,891	0.24%
N - Intangible Personal Property	\$174,699	0.00%	\$174,699	0.00%
0 - Residential Inventory	\$14,925,955,230	0.40%	\$14,872,357,954	0.48%
S - Special Inventory	\$8,569,377,620	0.23%	\$8,569,374,179	0.28%
STATE TOTALS	\$3,762,167,342,178	100.00%	\$3,091,919,682,562	100.00%

APPENDIX 2 Market vs. Taxable Value Totals Statewide, 2020

Category	2021 School District Market Value	Percent of Total	2021 School District Taxable Value	Percent of Total
A - Single-family	\$1,911,568,661,916	47.57%	\$1,610,311,476,262	49.03%
B - Multifamily	\$261,541,717,845	6.51%	\$252,039,033,942	7.67%
C1 - Vacant Lots	\$62,045,822,724	1.54%	\$61,007,719,884	1.86%
C2 - Colonia Lots	\$90,614,640	0.00%	\$90,406,557	0.00%
D1 - Qualified Open-Space Land	\$348,914,915,786	8.68%	\$13,220,813,599	0.40%
D2 - Farm and Ranch Improvements	\$4,875,984,656	0.12%	\$4,703,077,979	0.14%
E - Farm and Ranch Improvements	\$123,452,461,292	3.07%	\$103,940,017,723	3.16%
F1 - Commercial Real	\$564,513,737,135	14.05%	\$547,915,477,686	16.68%
F2 - Industrial Real	\$189,946,880,456	4.73%	\$180,602,438,609	5.50%
G - Oil, Gas, and Minerals	\$102,255,133,771	2.54%	\$102,255,133,771	3.11%
H1 - Vehicles	\$90,993,057	0.00%	\$90,957,057	0.00%
H2 - Goods in Transit	\$18,602,792	0.00%	\$18,602,792	0.00%
J - Utilities	\$106,915,449,949	2.66%	\$106,149,009,059	3.23%
L1 - Commercial Personal	\$182,530,289,669	4.54%	\$163,719,225,450	4.98%
L2 - Industrial Personal	\$126,947,275,993	3.16%	\$106,956,240,602	3.26%
M - Mobile Homes and Other Personal	\$9,854,783,664	0.25%	\$8,591,138,592	0.26%
N - Intangible Personal Property	\$0	0.00%	\$0	0.00%
0 - Residential Inventory	\$14,449,929,396	0.36%	\$14,399,229,021	0.44%
S - Special Inventory	\$8,649,621,906	0.22%	\$8,649,621,906	0.26%
STATE TOTALS	\$4,018,662,876,647	100.00%	\$3,284,659,620,490	100.00%

APPENDIX 3 Market vs. Taxable Value Totals Statewide, 2021

Category	2011 to 2012 Percent Change	2012 to 2013 Percent Change	2013 to 2014 Percent Change	2014 to 2015 Percent Change	2015 to 2016 Percent Change	2016 to 2017 Percent Change	2017 to 2018 Percent Change	2018 to 2019 Percent Change	2019 to 2020 Percent Change	2020 to 2021 Percent Change
A - Single-Family Residential	1.16%	3.87%	9.27%	10.60%	9.28%	7.69%	6.56%	8.53%	5.85%	10.59%
B - Multifamily Residential	8.47%	12.34%	14.51%	15.72%	14.55%	11.48%	12.05%	10.99%	11.64%	6.90%
C - Vacant Lots and Tracts	-0.97%	0.52%	8.07%	6.46%	5.99%	4.67%	4.43%	5.52%	4.72%	7.06%
D1 - Qualified Open-Space Land	1.93%	2.16%	4.18%	5.49%	4.95%	4.75%	5.35%	6.58%	3.17%	8.88%
D2 - Farm and Ranch Improvements	-2.53%	-67.14%	-40.57%	6.81%	13.91%	22.93%	-22.81%	13.21%	6.96%	1.81%
E - Rural Land and Improvements	2.93%	28.02%	10.00%	7.03%	7.42%	6.22%	7.87%	8.86%	7.81%	11.70%
F1 - Commercial Real	5.00%	8.48%	7.89%	10.16%	9.94%	7.20%	6.43%	7.77%	7.30%	3.11%
F2 - Industrial Real	4.91%	4.90%	5.19%	9.24%	5.98%	8.76%	9.43%	7.76%	11.78%	4.04%
G - Oil, Gas and Subsurface Interest	20.74%	4.25%	18.40%	-25.42%	-45.57%	17.04%	28.30%	44.42%	-13.18%	-15.34%
H1 - Vehicles (personal)	-14.20%	-6.65%	9.05%	-24.96%	-13.78%	3.26%	-14.96%	-7.52%	22.15%	27.06%
J - Utilities	7.14%	8.43%	10.14%	6.55%	4.29%	6.39%	3.85%	10.95%	11.88%	9.38%
L1 - Commercial Personal	6.57%	5.40%	4.94%	6.43%	3.40%	1.72%	3.02%	7.27%	3.14%	0.61%
L2 - Industrial Personal	14.03%	9.78%	4.13%	3.70%	-5.10%	-4.02%	4.43%	8.80%	-0.17%	-4.41%
M1 and M2 - Mobile Homes & Other Personal	-0.27%	0.07%	4.29%	3.43%	4.98%	5.61%	6.62%	9.46%	9.44%	12.00%
0 - Residential Inventory	-8.97%	1.82%	-0.42%	16.86%	18.15%	10.49%	12.18%	16.06%	5.19%	-3.19%
S - Special Inventory	14.51%	18.62%	11.48%	19.92%	4.60%	0.63%	0.48%	4.12%	6.32%	0.94%
Other Categories	0.00%	25849.78%	-69.94%	10.61%	-32.63%	2.93%	-27.49%	111.14%	-48.59%	10.60%
TOTAL	4.17%	5.19%	8.48%	7.15%	5.46%	6.87%	<b>7.0</b> 4%	9.42%	5.54%	<b>6.82</b> %

APPENDIX 4
Category Market Value Percent Change, 2011-2021

Notes: In 2013, Categories D2 and E definitions changed to allow appraisal districts to more accurately report values, resulting in a much of the percent change between 2012 and 2013. The combined values of the two categories for 2012 to 2013 indicates a 3.58 percent change in value.

Category H2 accounts for goods in transit (2012). Category C2 accounts for colonia lots (2013). These two categories and Category N - Intangible personal property account for all Texas property under Other Categories. These added categories account for the unusual changes in percentages in Other Categories.

APPENDIX 5
Property Tax Levy Growth by Taxing Unit Type, 1998-2021

		-								
Tax Year	Special Purpose District Levy	% Change in SPD	County Levy	% Change in County	City Levy	% Change in City	School Levy	% Change in ISD	Total Levy	Total % Change
1998	\$1,883,080,138	0	\$2,619,628,810	0	\$2,970,251,205	0	\$11,228,753,261		\$18,701,713,414	0
1999	\$2,063,101,426	9.56%	\$2,646,645,113	1.03%	\$3,179,745,715	7.05%	\$11,917,859,505	6.14%	\$19,807,351,759	5.91%
2000	\$2,888,621,638	40.01%	\$2,873,452,097	8.57%	\$3,504,092,996	10.20%	\$13,301,083,561	11.61%	\$22,567,250,292	13.93%
2001	\$2,651,610,746	-8.20%	\$3,246,024,017	12.97%	\$3,847,976,857	9.81%	\$15,026,153,737	12.97%	\$24,771,765,357	9.77%
2002	\$2,867,735,633	8.15%	\$3,507,842,313	8.07%	\$4,117,776,708	7.01%	\$16,262,058,353	8.23%	\$26,755,413,007	8.01%
2003	\$3,084,209,240	7.55%	\$3,774,835,414	7.61%	\$4,366,866,303	6.05%	\$17,198,357,427	5.76%	\$28,424,268,384	6.24%
2004	\$4,579,488,574	48.48%	\$4,089,744,284	8.34%	\$4,518,242,703	3.47%	\$18,428,882,515	7.15%	\$31,616,358,076	11.23%
2005	\$3,617,024,497	-21.02%	\$4,402,504,841	7.65%	\$4,863,361,658	7.64%	\$20,186,781,140	9.54%	\$33,069,672,136	4.60%
2006	\$3,970,005,374	9.76%	\$4,937,454,611	12.15%	\$5,286,535,198	8.70%	\$20,811,154,860	3.09%	\$35,005,150,043	5.85%
2007	\$4,512,711,637	13.67%	\$5,352,522,462	8.41%	\$5,895,031,685	11.51%	\$18,796,244,425	-9.68%	\$34,556,510,209	-1.28%
2008	\$4,952,792,863	9.75%	\$5,863,884,238	9.55%	\$6,406,453,878	8.68%	\$21,124,726,350	12.39%	\$38,347,857,329	10.97%
2009	\$5,134,342,018	3.67%	\$6,035,439,440	2.93%	\$6,546,689,972	2.19%	\$21,681,527,731	2.64%	\$39,397,999,161	2.74%
2010	\$5,395,436,477	5.09%	\$6,036,573,208	0.02%	\$6,553,776,429	0.11%	\$21,582,858,323	-0.46%	\$39,568,644,437	0.43%
2011	\$4,924,190,615	-8.73%	\$6,208,531,842	2.85%	\$6,661,221,363	1.64%	\$21,923,148,715	1.58%	\$39,717,092,535	0.38%
2012	\$5,530,689,644	12.32%	\$6,505,085,887	4.78%	\$7,004,163,084	5.15%	\$22,965,265,816	4.75%	\$42,005,204,431	5.76%
2013	\$5,311,005,897	-3.97%	\$6,949,426,677	6.83%	\$7,271,470,566	3.82%	\$24,397,363,508	6.24%	\$43,929,266,648	4.58%
2014	\$6,363,499,461	19.82%	\$7,448,383,408	7.18%	\$7,768,696,671	6.84%	\$26,570,247,739	8.91%	\$48,150,827,279	9.61%
2015	\$6,952,742,838	9.26%	\$8,016,707,675	7.63%	\$8,318,105,027	7.07%	\$27,894,584,723	4.98%	\$51,182,140,263	6.30%
2016	\$8,028,538,312	15.47%	\$8,335,177,994	3.97%	\$9,099,861,446	9.40%	\$29,469,130,143	5.64%	\$54,932,707,895	7.33%
2017	\$9,128,216,329	13.70%	\$9,144,582,770	9.71%	\$9,730,426,404	6.93%	\$31,751,930,542	7.75%	\$59,755,156,045	8.78%
2018	\$8,485,263,910	-7.04%	\$9,602,798,872	5.01%	\$10,387,752,412	6.76%	\$34,723,549,607	9.36%	\$63,199,364,801	5.76%
2019	\$8,909,719,354	5.00%	\$10,423,290,377	8.54%	\$11,146,148,401	7.30%	\$36,065,930,857	3.87%	\$66,545,088,989	5.29%
2020	\$9,486,152,671	6.47%	\$11,290,528,493	8.32%	\$11,963,476,245	7.33%	\$37,759,657,465	4.70%	\$70,499,814,874	5.94%
2021	\$10,400,963,921	9.64%	\$11,694,130,764	3.57%	\$12,495,940,682	4.45%	\$38,946,142,782	3.14%	\$73,537,178,149	4.31%
AVERAGE ANNUAL INCREASE	7.71%		6.72%		6.45%		5.56%		6.13%	

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