$R 800.8$

## Texas Rural Land Prices, 1991



## Real Estate Center

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## Summary

The Gulf War, poor crop yields and preoccupation with the national recession exacted a toll on Texas rural land prices. In addition, growing concerns about water rights, wetlands regulation, endangered species regulation and a host of governmental actions perceived as a threat to property rights further dampened demand for land. Thus, despite strengthening in the previous year, the Texas statewide median price declined 8 percent in 1991 to $\$ 600$ per acre. The real (inflation adjusted) median price per acre in 1966 dollars declined 12 percent to $\$ 143$ per acre, the lowest level ever in the history of Center land valuestudies. The median tract size remained littlechanged at 138 acres in 1991 compared to 135 acres in 1990.
Regionally, median Texas rural land prices ranged from $\$ 3,107$ per acre in the El Paso area to $\$ 75$ peracreintheTrans-Pecos. LocalTexasland prices reflect theinfluence of popu-lation-driven demand on land markets. Despite the recent lackluster performance of land markets, nonagricultural influences have kept prices elevated where people are concentrated. Lower prices in more remote areas more clearly relate to the condition of agricultural markets.
Regional median price shifts ranged between a 10 percent decline to a 5 percent increase throughout most of Texas, indicating that land values probably changed little in most of thestate. Many remainingareas posted declines greater than 10 percent. Ingeneral,farming areas are marginally weaker than they were in 1990, but prices have not broken. Rangeland areas appear to face weakness on a broad base, especially for large properties. On balance, although most regional markets trends were lower in 1991, changes were not the widespread movements indicative of a chronically falling market. Some of these sporadic shifts could reverse in 1992 as market conditions reflect a more stable business environment.

This analysis presents general trends in Texas land markets. The data are highly aggregated and do not represent land prices or values of any particular farm, ranch or tract. The information provides a general guide to land market developments.

Despite strengthening Texas land prices from 1989 to 1990, the statewide median price per acre declined 8 percent in 1991. This unanticipated drop reflects several unusual political and economic developments that created widespread uncertainty and dampened an emerging trend toward stability.

At the beginning of the year, the United States was embroiled in the Persian Gulf War. Although this conflict proved brief, potential buyers had abandoned the market, fearing a protracted conflict. When the war ended, the growing season, traditionally a slow period for agricultural land transactions, had begun. A combination of poor crops and weak commodity prices plus the media's obsession with the U.S. economic "recession" (gross domestic product declined only in the first quarter of 1991)
diminished sales volume during the traditional fall buying season. In addition, concerns about water rights, wetlands regulation, endangered species and a host of governmental actions perceived as a threat to property rights further dampened demand for land.

In this hostile climate, the statewide median price per acre declined from $\$ 650$ in 1989-90 to $\$ 600$ in 1991 (Table 1 and Figure 1). After adjusting for inflation, the real median price per acre in 1966 dollars fell 12 percent from $\$ 162$ per acre to $\$ 143$ per acre. Land prices were at their lowest level since the Real Estate Center initiated land value studies. Comparing current nominal median prices with 1966 nominal median prices indicates a compound increase of 5 percent, meaning that the average median price rose 5 percent annually during that time. However, adjusting for inflation reveals a real average 1 percent annual loss for the same period. The median tract size of 138 acres in 1991 changed little from 135 acres in 1990.
Despite the gruesome statistics, the Texas land market has not lost value consistently. In fact, land markets in the state have progressed

Table 1. Nominal and Real Changes in the Median Price of Texas Rural Land, 1966-91

| Year | Median Tract Size (acres) | Nominal |  |  | Real |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Median Price per Acre | Year-to-Year Percentage Change | Annual Compound Pretax Growth Rate from 1966 | Deflated <br> Median <br> Price per <br> Acre* | Year-to-Year Percentage Change | Annual Compound Pretax Growth Rate from 1966 |
| 1966 | 120 | \$ 172 | **** | **** | \$172 | **** | **** |
| 1967 | 110 | 187 | 9 | 9 | 182 | 6 | 6 |
| 1968 | 101 | 200 | 7 | 8 | 187 | 3 | 4 |
| 1969 | 100 | 225 | 13 | 9 | 199 | 6 | 5 |
| 1970 | 107 | 245 | 9 | 9 | 205 | 3 | 4 |
| 1971 | 110 | 265 | 8 | 9 | 212 | 3 | 4 |
| 1972 | 120 | 295 | 11 | 9 | 228 | 8 | 5 |
| 1973 | 153 | 350 | 19 | 11 | 256 | 12 | 6 |
| 1974 | 150 | 425 | 21 | 12 | 280 | 9 | 6 |
| 1975 | 126 | 461 | 8 | 12 | 278 | -1 | 5 |
| 1976 | 128 | 475 | 3 | 11 | 271 | -3 | 5 |
| 1977 | 121 | 513 | 8 | 10 | 275 | 1 | 4 |
| 1978 | 126 | 576 | 12 | 11 | 287 | 4 | 4 |
| 1979 | 132 | 625 | 9 | 10 | 279 | -3 | 4 |
| 1980 | 138 | 715 | 14 | 11 | 282 | 1 | 4 |
| 1981 | 124 | 808 | 13 | 11 | 289 | 2 | 4 |
| 1982 | 105 | 946 | 17 | 11 | 318 | 10 | 4 |
| 1983 | 113 | 985 | 4 | 11 | 321 | 1 | 4 |
| 1984 | 125 | 1,000 | 2 | 10 | 314 | -2 | 3 |
| 1985 | 118 | 1,050 | 5 | 10 | 317 | 1 | 3 |
| 1986 | 113 | 870 | -17 | 8 | 258 | -19 | 2 |
| 1987 | 130 | 700 | -20 | 7 | 200 | -22 | 1 |
| 1988 | 139 | 661 | -6 | 6 | 181 | -10 | 0 |
| 1989 | 141 | 650 | -2 | 6 | 171 | -6 | 0 |
| 1990 | 135 | 650 | 0 | 5 | 162 | -5 | 0 |
| 1991 | 138 | \$ 600 | -8 | 5 | \$143 | -12 | -1 |

*In 1966 dollars
Source: Real Estate Center at Texas A\&M University
through three distinct eras (Figure 2). First, both nominal and real prices rose from 1966 through 1974. Then, from 1975 to 1985 the market entered a phase of general stability with nominal prices rising rapidly but little change in real
prices, indicating the market kept pace with inflation. Finally, a stage of real price decline emerged in 1986 and has persisted.
These three eras reflect those periods when demand for land changed fundamentally. In the

Figure 1. Nominal and Real Median Price per Acre for Texas Rural Land, 1966-91


Source: Real Estate Center at Texas A\&M University

Figure 2. Nominal and Real Price Changes in Texas Rural Land, 1967-91


[^0]Table 2. Cumulative Percentage Reductions in Nominal Texas Rural Land Median Price per Acre, 1980-91

| Land Market Area | YearofTrough | Percentage Change from Market Peak |  | $\begin{aligned} & \text { Year } \\ & \text { of Peak } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  | To Low | $\begin{gathered} \text { To } \\ 1991 \end{gathered}$ |  |
| 1 Panhandle--North | 1987 | -57 | -52 | 1981 |
| 2 Panhandle-Central | 1987 | -47 | -32 | 1982 |
| 3 South Plains | 1987 | -54 | -44 | 1982 |
| 4 Permian--West | 1987 | -55 | -34 | 1983 |
| 5 Canadian Breaks | 1988 | -46 | -37 | 1982 |
| 6 Rolling Plains--North | 1987 | -42 | -41 | 1984 |
| 7 Rolling Plains--Central | 1990 | -38 | -33 | 1982 |
| 8 Trans-Pecos | 1991 | -71 | -71 | 1983 |
| 9 Edwards Plateau--West | 1991 | -61 | -61 | 1985 |
| 10 Edwards Plateau--South | 1991 | -57 | -57 | 1985 |
| 11 Rio Grande Plains | 1989 | -42 | -41 | 1984 |
| 12 North Central Plains | 1991 | -32 | -32 | 1985 |
| 13 Crosstimbers | 1991 | -44 | -44 | 1985 |
| 14 Hill Country--North | 1991 | -50 | -50 | 1985 |
| 15 Hill Country-West | 1991 | -46 | -46 | 1985 |
| 16 Highland Lakes | 1980 | -62 | -58 | 1985 |
| 17 Hill Country--South | 1991 | -67 | -67 | 1985 |
| 18 San Antonio | 1991 | -53 | -53 | 1984 |
| 19 Coastal Prairie--North | 1991 | -41 | -41 | 1984 |
| 20 Coastal Prairie--South | 1991 | -50 | -50 | 1984 |
| 21 Coastal Prairie--Middle | 1988 | -41 | -40 | 1984 |
| 22 Texoma | 1980 | -39 | -33 | 1985 |
| 23 Fort Worth Prairie | 1980 | -54 | -46 | 1986 |
| 24 Dallas Prairie | 1991 | -44 | -44 | 1986 |
| 25 Blacklands--North | 1980 | -38 | -35 | 1986 |
| 26 Blacklands--South | 1980 | -62 | -61 | 1985 |
| 27 Brazos | 1990 | -39 | -35 | 1982 |
| 28 Houston | 1988 | -49 | -44 | 1984 |
| 29 Northeast | 1989 | -42 | -29 | 1985 |
| 30 Piney Woods--North | 1991 | -34 | -34 | 1984 |
| 31 Piney Woods--South | 1988 | -52 | -44 | 1984 |
| 32 Lower Rio Grande Valley | 1991 | -57 | -57 | 1981 |
| 33 El Paso | 1982 | -62 | -54 | 1984 |
| 34 State | 1991 | -43 | -43 | 1985 |

Source: Real Estate Center at Texas A\&M University
era of rising real prices (1966-74), land attracted nonagricultural buyers who purchased rural acreage for activities other than farming and ranching. Land also appealed to investors seeking an effective hedge against persistent inflation. These buyer groups competed with farmers and ranchers and supported rising land prices.

During the era of stable real prices (1975-85), nonagricultural users of rural land continued to participate in the market, setting prices that largely ignored agricultural productivity. Declining inflation rates removed the inflation hedge motivation for land ownership in the early 1980s, sending investors to the stock market and other investments for higher returns. Still, nonagricultural land users continued to support higher median land prices.

Effects of the oil price decline and the federal income tax overhaul of 1986 dampened interest among nonagricultural users, effectively removing them from the market. Farmers and ranchers once more faced a land market without competition, and prices dropped. During the past several years, investors and nonagricultural land users have started to return but not in numbers sufficient to end statewide land market declines in 1991.

## Local Land Market Developments

Geographic and demographic variations in Texas led some local markets to deviate from this pattern. When farmers and ranchers faced meager profits, markets in relatively sparsely populated agricultural regions began to decline early in the 1980s (Table 2). Land markets in these areas had peaked as early as 1981. Both the Panhandle--North and Lower Rio Grande Valley land markets began to drop in 1981. (See Figure 3 for a map of land market areas [LMAs]). In contrast to the rural agricultural market areas, prices in regions surrounding urban markets continued to rise through 1986. The Fort Worth Prairie, Dallas Prairie and Blacklands-North (Waco) areas epitomize these regions.

Similar to the onset of declines, stability emerged sporadically in local markets. Agriculturally dominated areas began to recover when profitability emerged in the farming economy. The Panhandle region (LMAs 1 through 6) bottomed in 1987. However, the decline in urban areas that peaked late has persisted through
1991. In addition, ranching areas and the scenic Hill Country continued to face weak markets through 1991.

## Land Prices

Regionally, median Texas rural land prices fall into four categories, with approximately one fourth of the LMAs in each category. The highest priced rural land in Texas (more than $\$ 901$ per acre) clusters near urban centers, as shown in Figure 4 and Table 3. Highest median prices occur in El Paso (LMA 33), Dallas Prairie (LMA 24), Fort Worth Prairie (LMA 23), BlacklandsSouth (LMA 26), Brazos (LMA 27), Houston (LMA 28), Coastal Prairie-North (LMA 19) and Lower Rio Grande Valley (LMA 32). The next highest class of median prices ( $\$ 526$ to $\$ 900$ per acre) emerge in the remainder of eastern Texas. Areas removed from the most populated part of the state make up the lowest priced category (less than $\$ 365$ per acre) including the PanhandleNorth (LMA 1),

Panhandle-Central (LMA 2), Permian-West (LMA 4), Canadian Breaks (LMA 5), Rolling Plains-North (LMA 6), Trans-Pecos (LMA 8) and Edwards Plateau-West (LMA 9). The remaining LMAs have the next lowest priced category (\$366 to $\$ 525$ per acre), primarily in the area between sparsely populated West Texas and densely settled East Texas. However, the agriculturally rich South Plains also is in this price class.

This general pattern of prices reflects the influence of population-driven demand on land markets. Despite the recent lackluster performance of land markets, nonagricultural influences have elevated prices in population-dense areas. Lower prices in remote areas more clearly represent the condition of agricultural markets.

## Price Shifts

Changes in regional median prices (Figure 5 and Table 3) show the majority of percentage shifts range between a 5 percent increase and a 10 percent decline. Overall, markets probably changed little in these LMAs between 1990 and 1991.

The areas indicating declines of more than 10 percent are divided into two categories, those with statistically significant changes and those where changes may not represent area-wide trends (see Table 3). For example, the 18 percent decline recorded in the Panhandle-North (LMA 1) was not a statistically significant shift. Further

Figure 3. Texas Land Market Areas


Source: Real Estate Center at Texas A\&M University

Figure 4. Median Price per Acre for Texas Rural Land, 1991


Source: Real Estate Center at Texas A\&M University

Figure 5. Percentage Change in Median Price per Acre for Texas Rural Land, 1990-91


Source: Real Estate Center at Texas A\&M University

Table 3. Trends in Texas Rural Land Markets, 1990-91

| Land Market Area | Median Price (\$/acre) |  | Trend Analysis <br> Change 1990-91 |  |  | Volume of Sales Analysis |  |  |  | Land <br> Market Area |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Number of Sales | Change 1990-91 |  |  |
|  | 1990 | 1991 |  |  |  | \$/ac | \% | Test | 1990 |  | 1991 | Number | \% |
| 1 | 372 | 305 | -67 | -18 |  | 73 | 70 | -3 | -4 | 1 |
| 2 | 349 | 339 | -10 | -3 |  | 116 | 116 | 0 | 0 | 2 |
| 3 | 469 | 451 | -18 | -4 |  | 136 | 134 | -2 | -1 | 3 |
| 4 | 404 | 365 | -39 | -10 |  | 185 | 158 | -27 | -15 | 4 |
| 5 | 189 | 190 | 1 | 1 |  | 21 | 37 | 16 | 76 | 5 |
| 6 | 219 | 204 | -15 | -7 |  | 93 | 133 | 40 | 43 | 6 |
| 7 | 375 | 402 | 27 | 7 |  | 128 | 100 | -28 | -22 | 7 |
| 8 | 75 | 50 | -25 | -33 |  | 27 | 19 | -8 | -30 | 8 |
| 9 | 250 | 225 | -25 | -10 |  | 114 | 118 | 4 | 4 | 9 |
| 10 | 560 | 525 | -35 | -6 |  | 115 | 133 | 18 | 16 | 10 |
| 11 | 425 | 400 | -25 | -6 |  | 56 | 74 | 18 | 32 | 11 |
| 12 | 398 | 391 | -7 | -2 |  | 183 | 186 | 3 | 2 | 12 |
| 13 | 485 | 398 | -87 | -18 | ** | 162 | 96 | -66 | -41 | 13 |
| 14 | 500 | 450 | -50 | -10 |  | 160 | 127 | -33 | -21 | 14 |
| 15 | 464 | 450 | -14 | -3 |  | 51 | 65 | 14 | 27 | 15 |
| 16 | 806 | 846 | 40 | 5 |  | 56 | 87 | 31 | 55 | 16 |
| 17 | 1,236 | 900 | -336 | -27 |  | 24 | 17 | -7 | -29 | 17 |
| 18 | 827 | 748 | -79 | -10 |  | 118 | 126 | 8 | 7 | 18 |
| 19 | 1,000 | 1,000 | 0 | 0 |  | 183 | 225 | 42 | 23 | 19 |
| 20 | 700 | 652 | -48 | -7 |  | 95 | 137 | 42 | 44 | 20 |
| 21 | 800 | 775 | -25 | -3 |  | 139 | 131 | -8 | -6 | 21 |
| 22 | 734 | 666 | -68 | -9 |  | 127 | 126 | -1 | -1 | 22 |
| 23 | 1,097 | 945 | -152 | -14 | * | 92 | 95 | 3 | 3 | 23 |
| 24 | 1,000 | 971 | -29 | -3 |  | 115 | 124 | 9 | 8 | 24 |
| 25 | 770 | 650 | -120 | -16 | ** | 279 | 237 | -42 | -15 | 25 |
| 26 | 957 | 973 | 16 | 2 |  | 153 | 191 | 38 | 25 | 26 |
| 27 | 1,061 | 1,134 | 73 | 7 |  | 200 | 195 | -5 | -3 | 27 |
| 28 | 1,566 | 1,542 | -24 | -2 |  | 173 | 133 | -40 | -23 | 28 |
| 29 | 575 | 628 | 53 | 9 |  | 267 | 199 | -68 | -25 | 29 |
| 30 | 850 | 800 | -50 | -6 | * | 119 | 117 | -2 | -2 | 30 |
| 31 | 880 | 900 | 20 | 2 |  | 35 | 35 | 0 | 0 | 31 |
| 32 | 1,329 | 1,200 | -129 | -10 |  | 73 | 66 | -7 | -10 | 32 |
| 33 | 3,107 | 2,534 | -573 | -18 |  | 6 | 4 | -2 | -33 | 33 |
| State | 650 | 600 | -49 | -8 | ** | 3,874 | 3,811 | -63 | -2 | State |

Note: Test column shows the result of a Mann-Whitney test of the indicated changes.
${ }^{*}$ Indicates significance at the 95 percent level.
**Indicates significance at the 99 percent level.
All others showed no statistically verifiable trend.
Source: Real Estate Center at Texas A\&M University
investigation reveals that the size of a typical sale in LMA 1 nearly doubled in 1991, increasing from a median 322 acres to 635 acres (see Table 7). In addition, this size shift was statistically significant, suggesting that more large properties throughout the area sold in 1991 than in 1990.
Because larger properties frequently sell for less per acre than smaller properties, this shift in acreage suggests that part or all of the apparent price decline resulted from the acreage change rather than an area trend to lower prices.

The 33 percent decline posted in the TransPecos (LMA 8) also fails to define a regional shift. Thus, the apparent trend is illusory for two reasons. First, the number of sales is too small to evidence a regional trend. Second, the TransPecos median price is so low that any shift will likely produce a relatively large percentage change. The 18 percent El Paso (LMA 33) decline also reflects too little information to identify a trend.

Similarly, the change in the Hill CountrySouth (LMA 17) did not reveal a verifiable area trend. Although the area's median price was substantially lower in 1991, much of the pronounced drop may have originated in sales in the extreme west of LMA 17 while declines elsewhere were less severe. Further, the median size in this area increased 81 percent, indicating an increase in the numbers of larger properties in 1991 compared to 1990.

Statistically significant declines centered in Crosstimbers (LMA 13), Fort Worth Prairie (LMA 23) and Blacklands-North (LMA 25). These declines reflect the weakened condition of the regional economies. Fort Worth, having resisted declines until 1987, suffered a series of economic reversals that have affected land values. Repercussions of plant closings and expected military budget cuts reached the land market and also may have contributed to weakness in Crosstimbers and Blacklands-North. In addition, weakened farming profits undoubtedly contributed to the decline in these two areas. Profit margins in dairy farming and Blackland farming were squeezed in 1991, leading few operators to buy land. In addition, lender sales of acquired properties, especially in the Black-lands-North, added to the weakness.

The remaining areas signal increases with median prices that range more than 5 percent above 1990 median prices. However, none of these shifts were statistically significant, casting doubt on the indicated price movements. The

Northeast (LMA 29) median increase occurred when the market returned to a more normal mix of sellers in 1991 after numerous sales of lenderacquired properties had lowered the median price in 1990. Thus, the 1990 drop and subsequent 1991 rise offset each other, and the area has seen little change since 1989. Both Brazos (LMA 27) and Rolling Plains-Central (LMA 7) registered 7 percent increases while the Highland Lakes (LMA 16) posted a percentage change between 5 and 6 percent. None of these shifts reflect regional upward trends.

This analysis indicates local land markets beset with uncertainty and betrays little evidence of identifiable trends in most areas. In general, farming areas are marginally weaker than they were in 1990, but prices have not broken. Rangeland areas appear to face weakness on a broad base. On balance, although most regional markets trended lower in 1991, changes were neither widespread nor indicative of a chronically falling market. Some of these sporadic shifts could reverse in 1992 as market conditions reflect a more normal business environment.

## Market Variations

Local median prices exemplify typical local markets; however, prices within those LMAs vary with location and quality. The degree of local variation inherent in the 1991 Texas rural land market is shown in Tables 4 through 6 . The lower and upper quartiles, or the 25 th and 75 th percentiles, respectively, are given in Table 4. Of all reported sales, 25 percent are equal to or less than $\$ 399$ per acre statewide. Similarly, 75 percent of 1991 reported sales ranged at or below $\$ 998$ per acre. This broad range indicates great variability in rural land prices across the state. Individual quartiles indicate these quantities for each local market.
The owner of a typical acre of rural land could expect to sell at the median price. However, the median from a set of sales only estimates the median for all land. Therefore, the real median may differ from the estimate. A statistical device concept called a confidence interval provides the likely precision of the estimated median relative to all land. A 95 percent confidence interval for the 1991 median price in each area is presented in Table 5. The confidence interval for the statewide median of $\$ 600$ per acre ranges from $\$ 600$ to $\$ 625$ per acre. Chances are 19 to 1 that the typical acre of Texas rural land in 1991 should

Table 4. Distribution of Nominal Price per Acre for Texas Rural Land, 1991

| Land Market Area | Number of Sales | Price per Acre |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Lower Quartile | Median | Upper Quartile** |
| 1 Panhandle-North | 70 | \$ 210 | \$ 305 | \$ 467 |
| 2 Panhandle-Central | 116 | 278 | 339 | 591 |
| 3 South Plains | 134 | 325 | 451 | 600 |
| 4 Permian West | 158 | 254 | 365 | 529 |
| 5 Canadian Breaks | 37 | 160 | 190 | 230 |
| 6 Rolling Plains--North | 133 | 159 | 204 | 269 |
| 7 Rolling Plains--Central | 100 | 325 | 402 | 537 |
| 8 Trans-Pecos | NA | 40 | 50 | 72 |
| 9 Edwards Plateau-West | 118 | 175 | 225 | 350 |
| 10 Edwards Plateau--South | 133 | 401 | 525 | 740 |
| 11 Rio Grande Plains | 74 | 325 | 400 | 537 |
| 12 North Central Plains | 186 | 300 | 391 | 500 |
| 13 Crosstimbers | 96 | 320 | 398 | 566 |
| 14 Hill Country-North | 127 | 375 | 450 | 617 |
| 15 Hill Country--West | 65 | 325 | 450 | 595 |
| 16 Highland Lakes | 87 | 630 | 846 | 1,099 |
| 17 Hill Country-South | NA | 754 | 900 | 1,400 |
| 18 San Antonio | 126 | 574 | 748 | 1,151 |
| 19 Coastal Prairie--North | 225 | 775 | 1,000 | 1,357 |
| 20 Coastal Prairie--South | 137 | 503 | 652 | 875 |
| 21 Coastal Prairie--Middle | 131 | 616 | 775 | 1.000 |
| 22 Texoma | 126 | 486 | 666 | 1,000 |
| 23 Fort Worth Prairie | 95 | 536 | 945 | 1,500 |
| 24 Dallas Prairie | 124 | 701 | 971 | 1,477 |
| 25 Blacklands-North | 237 | 500 | 650 | 900 |
| 26 Blacklands--South | 191 | 703 | 973 | 1,268 |
| 27 Brazos | 195 | 768 | 1134 | 1,695 |
| 28 Houston | 133 | 1,100 | 1,542 | 2,262 |
| 29 Northeast | 199 | 450 | 628 | 850 |
| 30 Piney Woods--North | 117 | 600 | 800 | 1,161 |
| 31 Piney Woods--South | 35 | 700 | 900 | 1,300 |
| 32 Lower Rio Grande Valley | 66 | 933 | 1,200 | 1,500 |
| 33 El Paso | NA | 2,205 | 2,534 | 2,679 |
| State | 3,811 | \$399 | \$ 600 | \$998 |

*25 percent of the sales had prices equal to or less than this price.
**75 percent of the sales had prices equal to or less than this price.
NA indicates fewer than 30 sales reported.
Source: Real Estate Center at Texas A\&M University

Table 5. Confidence Intervals of 95 Percent for Median Price per Acre, Texas Rural Land, 1991

| Land Market Area | Number of Sales | Price per Acre |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Lower Limit | Median | Upper <br> Limit |
| 1 Panhandle--North | 70 | \$ 275 | \$ 305 | \$ 372 |
| 2 Panhandle--Central | 116 | 302 | 339 | 408 |
| 3 South Plains | 134 | 413 | 451 | 500 |
| 4 Permian--West | 158 | 326 | 365 | 400 |
| 5 Canadian Breaks | 37 | 171 | 190 | 224 |
| 6 Rolling Plains--North | 133 | 188 | 204 | 225 |
| 7 Rolling Plains--Central | 100 | 369 | 402 | 450 |
| 8 Trans-Pecos | NA | 28 | 50 | 135 |
| 9 Edwards Plateau--West | 118 | 210 | 225 | 249 |
| 10 Edwards Plateau--South | 133 | 505 | 525 | 574 |
| 11 Rio Grande Plains | 74 | 350 | 400 | 460 |
| 12 North Central Plains | 186 | 350 | 391 | 400 |
| 13 Crosstimbers | 96 | 370 | 398 | 433 |
| 14 Hill Country--North | 127 | 425 | 450 | 500 |
| 15 Hill Country--West | 65 | 375 | 450 | 500 |
| 16 Highland Lakes | 87 | 725 | 846 | 935 |
| 17 Hill Country--South | NA | 691 | 900 | 1,400 |
| 18 San Antonio | 126 | 673 | 748 | 895 |
| 19 Coastal Prairie--North | 225 | 900 | 1,000 | 1,000 |
| 20 Coastal Prairie--South | 137 | 600 | 652 | 700 |
| 21 Coastal Prairie--Middle | 131 | 725 | 775 | 806 |
| 22 Texoma | 126 | 600 | 666 | 775 |
| 23 Fort Worth Prairie | 95 | 760 | 945 | 1,200 |
| 24 Dallas Prairie | 124 | 847 | 971 | 1,003 |
| 25 Blacklands--North | 237 | 602 | 650 | 682 |
| 26 Blacklands--South | 191 | 856 | 973 | 1,000 |
| 27 Brazos | 195 | 1,000 | 1,134 | 1,237 |
| 28 Houston | 133 | 1,444 | 1,542 | 1,741 |
| 29 Northeast | 199 | 574 | 628 | 674 |
| 30 Piney Woods--North | 117 | 700 | 800 | 859 |
| 31 Piney Woods--South | 35 | 750 | 900 | 1,240 |
| 32 Lower Rio Grande Valley | 66 | 1,010 | 1,200 | 1,303 |
| 33 El Paso | NA | 2,000 | 2,534 | 2,659 |
| State | 3,811 | \$ 600 | \$ 600 | \$ 625 |

NA indicates fewer than 30 sales reported.
Source: Real Estate Center at Texas A\&M University

Table 6. Limits of the 95 Percent Confidence Interval on Price per Acre as a Percentage of 1990 Median Price

| Land Market Area | Percentage Change, 1990-91 |  |  |
| :---: | :---: | :---: | :---: |
|  | Lower <br> Limit | Median | Upper Limit |
| 1 Panhandle--North | -26 | -18 | 0 |
| 2 Panhandle-Central | -13 | -3 | 17 |
| 3 South Plains | -12 | -4 | 7 |
| 4 Permian--West | -19 | -10 | -1 |
| 5 Canadian Breaks | -10 | 1 | 19 |
| 6 Rolling Plains--North | -14 | -7 | 3 |
| 7 Rolling Plains--Central | -2 | 7 | 20 |
| 8 Trans-Pecos | -63 | -33 | 80 |
| 9 Edwards Plateau--West | -16 | -10 | 0 |
| 10 Edwards Plateau--South | -10 | -6 | 3 |
| 11 Rio Grande Plains | -18 | -6 | 8 |
| 12 North Central Plains | -12 | -2 | 1 |
| 13 Crosstimbers | -24 | -18 | -11 |
| 14 Hill Country--North | -15 | -10 | 0 |
| 15 Hill Country--West | -19 | -3 | 8 |
| 16 Highland Lakes | -10 | 5 | 16 |
| 17 Hill Country--South | -44 | -27 | 13 |
| 18 San Antonio | -19 | -10 | 8 |
| 19 Coastal Prairie--North | -10 | 0 | 0 |
| 20 Coastal Prairie--South | -14 | -7 | 0 |
| 21 Coastal Prairie-Middle | -9 | -3 | 1 |
| 22 Texoma | -18 | -9 | 6 |
| 23 Fort Worth Prairie | -31 | -14 | 9 |
| 24 Dallas Prairie | -15 | -3 | 0 |
| 25 Blacklands--North | -22 | -16 | -11 |
| 26 Blacklands--South | -11 | 2 | 4 |
| 27 Brazos | -6 | 7 | 17 |
| 28 Houston | -8 | -2 | 11 |
| 29 Northeast | 0 | 9 | 17 |
| 30 Piney Woods--North | -18 | -6 | 1 |
| 31 Piney Woods--South | -15 | 2 | 41 |
| 32 Lower Rio Grande Valley | -24 | -10 | -2 |
| 33 El Paso | -36 | -18 | -14 |
| State | -8 | -8 | -4 |

Source: Real Estate Center at Texas A\&M University
have commanded a price between $\$ 600$ and $\$ 625$. Intervals for each land market area express similarly interpreted ranges for each local market.
The limits of the confidence interval in Table 5 relative to 1991 median prices for each land market area are shown in Table 6. The median price per acre from 1991 may have declined as much as 8 percent or as little as 4 percent from 1990 levels, according to calculated limits of the confidence interval.

## Tract Size Variations

Size of tracts sold can influence the price per acre. Specifically, price per acre typically declines as property size increases. Thus, size variations can affect the median price observed in a market. Consequently, price changes in areas with statistically significant shifts in size of tracts sold could be associated with size and not with market shifts. In other words, a shift could result from a change in market composition rather than a trend in prices. For example, high cattle prices may encourage the purchase of ranchland while low cotton prices might discourage farmland acquisition. More ranches probably would sell in such a market. Because ranches generally are larger than farms, the typical size would expand and price per acre would drop, as it did in the Panhandle-North (LMA 1). However, as commodity prices returned to a more normal relationship, the mix of properties would include more farmland and the typical price per acre would rise while typical size would drop.
Analyses of tract size in the 1991 Texas rural land market are presented in Tables 7 through 9. Interpretation of the tables parallels Tables 4 through 6 as just discussed.

## Conclusion and Outlook

The 1991 statewide rural land market dropped 8 percent in response to war, recession and uncertainty. However, the effects of those phenomena should diminish in 1992 as Texas land prices reflect more normal circumstances. Uncertainty about the economy in general and property rights issues create a market in which regional weakness probably will persist through 1992. Although statewide prices will likely rebound from 1991 levels, prospects for a broadbased recovery appear remote.

Locally, a trend toward increased numbers of sales of small tracts well suited to recreational use should continue. In some areas, a shortage of good quality properties may occur; however, prices in these markets will continue to lag far behind former high levels, and prospects for significant appreciation in the short run appear dim. Nevertheless, most of the decline for this property type probably has occurred.
Larger rangeland properties continue to face a market with relatively few buyers. Downward pressures on prices will be countered by the financial strength of surviving owners. This property type faces a problematic future.
Farmland prices now closely reflect agricultural profits. Prospects for 1992-93 depend on income banked throughout the year. Conditions in crops and commodities markets point to mixed results for farmland sales. In the Panhandle, the cotton crop was decimated by unfavorable weather. However, the losses occurred early enough to allow farmers to collect crop insurance and replant alternative crops. Therefore, the final effect of this potential disaster on incomes is clouded. Although the remainder of Texas escaped this crop disaster, current and future prices for cotton and other farm products are modest at best and reflect expectations of little change. Balancing positive and negative factors suggests little change in farm incomes and, therefore, little movement in farmland prices.

Table 7. Tract Size Changes in Texas Rural Land Sold, 1990-91

| Land Market Area | Median Size (acres) |  | Shifts in Size |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Change, 1990-91 |  |  |
|  | 1990 | 1991 | acre | \% | Test |
| 1 Panhandle--North | 322 | 635 | 313 | 97 | * |
| 2 Panhandle-Central | 320 | 290 | -30 | -9 |  |
| 3 South Plains | 160 | 175 | 15 | 9 |  |
| 4 Permian--West | 180 | 177 | -3 | -2 |  |
| 5 Canadian Breaks | 1,092 | 640 | -452 | -41 | * |
| 6 Rolling Plains--North | 210 | 284 | 74 | 35 |  |
| 7 Rolling Plains--Central | 160 | 157 | -3 | -2 | * |
| 8 Trans-Pecos | 6,118 | 5,025 | -1,093 | -18 |  |
| 9 Edwards Plateau--West | 488 | 640 | 152 | 31 |  |
| 10 Edwards Plateau--South | 191 | 199 | 8 | 4 |  |
| 11 Rio Grande Plains | 669 | 516 | -153 | -23 |  |
| 12 North Central Plains | 162 | 173 | 11 | 7 |  |
| 13 Crosstimbers | 159 | 165 | 6 | 4 |  |
| 14 Hill Country--North | 201 | 217 | 16 | 8 |  |
| 15 Hill Country--West | 305 | 300 | -5 | -2 |  |
| 16 Highland Lakes | 141 | 178 | 37 | 26 |  |
| 17 Hill Country--South | 147 | 266 | 119 | 81 |  |
| 18 San Antonio | 97 | 99 | 2 | 2 |  |
| 19 Coastal Prairie-North | 78 | 79 | 1 | 1 |  |
| 20 Coastal Prairie--South | 136 | 129 | -7 | -5 |  |
| 21 Coastal Prairie--Middle | 120 | 100 | -20 | -17 |  |
| 22 Texoma | 79 | 77 | -2 | -3 |  |
| 23 Fort Worth Prairie | 72 | 86 | 14 | 19 |  |
| 24 Dallas Prairie | 73 | 77 | 4 | 5 |  |
| 25 Blacklands--North | 100 | 107 | 7 | 7 |  |
| 26 Blacklands--South | 90 | 75 | -15 | -17 |  |
| 27 Brazos | 68 | 80 | 12 | 18 |  |
| 28 Houston | 60 | 65 | 5 | 8 |  |
| 29 Northeast | 85 | 70 | -15 | -18 |  |
| 30 Piney Woods--North | 86 | 95 | 9 | 10 |  |
| 31 Piney Woods--South | 61 | 82 | 21 | 34 |  |
| 32 Lower Rio Grande Valley | 39 | 55 | 16 | 41 | * |
| 33 El Paso | 65 | 79 | 14 | 22 |  |
| State | 135 | 138 | 3 | 2 |  |

Note: Test column shows the result of a Mann-Whitney test of the indicated changes.
*Indicates significance at the 95 percent level.
${ }^{* *}$ Indicates significance at the 99 percent level.
All others showed no statistically verifiable trend.
Source: Real Estate Center at Texas A\&M University

Table 8. Acreage Distribution of Texas Rural Land Sales, 1991

| Land Market Area | Number of Sales | Size in Acres |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Lower Quartile | Median | Upper Quartile** |
| 1 Panhandle--North | 70 | 320 | 635 | 648 |
| 2 Panhandle--Central | 116 | 160 | 290 | 353 |
| 3 South Plains | 134 | 150 | 175 | 320 |
| 4 Permian--West | 158 | 153 | 177 | 322 |
| 5 Canadian Breaks | 37 | 320 | 640 | 960 |
| 6 Rolling Plains--North | 133 | 160 | 284 | 400 |
| 7 Rolling Plains--Central | 100 | 87 | 157 | 223 |
| 8 Trans-Pecos | NA | 2,900 | 5,025 | 11,271 |
| 9 Edwards Plateau--West | 118 | 310 | 640 | 2,038 |
| 10 Edwards Plateau--South | 133 | 94 | 199 | 529 |
| 11 Rio Grande Plains | 74 | 250 | 516 | 1,262 |
| 12 North Central Plains | 186 | 100 | 173 | 320 |
| 13 Crosstimbers | 96 | 100 | 165 | 291 |
| 14 Hill Country--North | 127 | 140 | 217 | 425 |
| 15 Hill Country--West | 65 | 139 | 300 | 678 |
| 16 Highland Lakes | 87 | 78 | 178 | 354 |
| 17 Hill Country--South | NA | 129 | 266 | 450 |
| 18 San Antonio | 126 | 54 | 99 | 189 |
| 19 Coastal Prairie--North | 225 | 52 | 79 | 136 |
| 20 Coastal Prairie--South | 137 | 75 | 129 | 252 |
| 21 Coastal Prairie--Middle | 131 | 54 | 100 | 185 |
| 22 Texoma | 126 | 39 | 77 | 165 |
| 23 Fort Worth Prairie | 95 | 41 | 86 | 281 |
| 24 Dallas Prairie | 124 | 53 | 77 | 147 |
| 25 Blacklands--North | 237 | 54 | 107 | 199 |
| 26 Blacklands--South | 191 | 47 | 75 | 135 |
| 27 Brazos | 195 | 46 | 80 | 139 |
| 28 Houston | 133 | 44 | 65 | 119 |
| 29 Northeast | 199 | 48 | 70 | 138 |
| 30 Piney Woods--North | 117 | 52 | 95 | 188 |
| 31 Piney Woods--South | 35 | 50 | 82 | 133 |
| 32 Lower Rio Grande Valley | 66 | 32 | 55 | 206 |
| 33 El Paso | NA | 70 | 79 | 391 |
| State | 3,811 | 65 | 138 | 310 |

*25 percent of the sales had sizes equal to or less than this size.
**75 percent of the sales had sizes equal to or less than this size.
NA indicates fewer than 30 sales reported.
Source: Real Estate Center at Texas A\&M University

Table 9. Confidence Intervals of 95 Percent for Tract Size of Texas Rural Land, 1991

| Land Market Area | Number of Sales | Acres |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Lower Limit | Median | Upper <br> Limit |
| 1 Panhandle--North | 70 | 462 | 635 | 640 |
| 2 Panhandle--Central | 116 | 205 | 290 | 320 |
| 3 South Plains | 134 | 160 | 175 | 216 |
| 4 Permian--West | 158 | 161 | 177 | 200 |
| 5 Canadian Breaks | 37 | 320 | 640 | 646 |
| 6 Rolling Plains--North | 133 | 200 | 284 | 320 |
| 7 Rolling Plains---Central | 100 | 137 | 157 | 160 |
| 8 Trans-Pecos | NA | 1,280 | 5,025 | 11,413 |
| 9 Edwards Plateau-West | 118 | 466 | 640 | 853 |
| 10 Edwards Plateau--South | 133 | 133 | 199 | 257 |
| 11 Rio Grande Plains | 74 | 347 | 516 | 875 |
| 12 North Central Plains | 186 | 160 | 173 | 203 |
| 13 Crosstimbers | 96 | 157 | 165 | 196 |
| 14 Hill Country--North | 127 | 191 | 217 | 293 |
| 15 Hill Country--West | 65 | 180 | 300 | 436 |
| 16 Highland Lakes | 87 | 122 | 178 | 224 |
| 17 Hill Country--South | NA | 127 | 266 | 450 |
| 18 San Antonio | 126 | 75 | 99 | 119 |
| 19 Coastal Prairie--North | 225 | 70 | 79 | 91 |
| 20 Coastal Prairie--South | 137 | 107 | 129 | 160 |
| 21 Coastal Prairie--Middle | 131 | 81 | 100 | 132 |
| 22 Texoma | 126 | 56 | 77 | 98 |
| 23 Fort Worth Prairie | 95 | 70 | 86 | 107 |
| 24 Dallas Prairie | 124 | 63 | 77 | 97 |
| 25 Blacklands--North | 237 | 96 | 107 | 121 |
| 26 Blacklands--South | 191 | 68 | 75 | 95 |
| 27 Brazos | 195 | 67 | 80 | 86 |
| 28 Houston | 133 | 55 | 65 | 76 |
| 29 Northeast | 199 | 59 | 70 | 80 |
| 30 Piney Woods--North | 117 | 67 | 95 | 126 |
| 31 Piney Woods--South | 35 | 52 | 82 | 104 |
| 32 Lower Rio Grande Valley | 66 | 40 | 55 | 90 |
| 33 El Paso | NA | 69 | 79 | 87 |
| State | 3,811 | 131 | 138 | 147 |

NA indicates fewer than 30 sales reported.
Source: Real Estate Center at Texas A\&M University

## Appendix A Inventory of Texas Rural Land

The following tables contain statistics on land devoted to different agricultural uses. These estimates are derived from data collected by the Property Tax Division of the Texas Comptrollers Office from tax rolls in each Texas school district. The tables include the total area in acres and square miles, 1991 median school property taxes based on both agricultural value and market value, median estimated income and median assessed value for each type of land. Because all Texas land is subject to school taxes, this inventory covers the entire stock of rural land devoted to agricultural uses.
Open-space taxation is based on land productivity and open-space taxes depend on the estimated net income. Market-value taxation ignores productivity valuation and bases taxes on current land values. The assessed market value serves as a base for school taxes.

| Panhandle--North <br> Land Market Area 1 |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  |  |  | School Property Taxes |  |



| South Plains Land Market Area 3 <br> Land Class |  |  |  |  |  | Estimated <br> Net <br> Income <br> (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square <br> Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market <br> Value <br> (\$/acre) |  |  |
| Barren land | 167,768 | 262 | 3 | 0.35 | 0.65 | 4.24 | 56 |
| Improved pasture | 17,255 | 27 | 0 | 0.46 | 2.41 | 5.59 | 237 |
| Irrigated cropland | 825,283 | 1,290 | 17 | 3.69 | 6.90 | 41.62 | 615 |
| Native pasture | 1,458,135 | 2,278 | 30 | 0.35 | 1.00 | 3.88 | 85 |
| Nonirrigated cropland | 2,339,830 | 3,656 | 49 | 1.75 | 3.46 | 21.50 | 306 |
| Other | 187 | 0 | 0 | 1.55 | 0.01 | 18.17 | 1 |
| Total | 4,808,458 | 7,513 | 100 |  |  |  |  |


| Permian--West <br> Land Market Area 4 <br> Land Class |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed <br> Market <br> Value <br> (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 178,178 | 278 | 3 | 0.07 | 0.12 | 0.67 | 11 |
| Improved pasture | 48,626 | 76 | 1 | 0.47 | 1.21 | 5.41 | 110 |
| Irrigated cropland | 1,063,779 | 1,662 | 17 | 2.66 | 5.47 | 29.99 | 469 |
| Native pasture | 2,760,393 | 4,313 | 43 | 0.29 | 0.95 | 2.91 | 88 |
| Nonirrigated cropland | 2,385,223 | 3,727 | 37 | 1.52 | 3.05 | 16.45 | 270 |
| Orchard | 1,486 | 2 | 0 | 3.68 | 8.48 | 33.62 | 754 |
| Other | 5,275 | 8 | 0 | 1.99 | 0.06 | 22.30 | 6 |
| Total | 6,442,960 | 10,067 | 100 |  |  |  |  |


| Canadian Breaks Land Market Area 5 |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square <br> Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 19,912 | 31 | 1 | 0.06 | 0.93 | 0.62 | 75 |
| Irrigated cropland | 47,672 | 74 | 1 | 1.67 | 4.47 | 16.88 | 403 |
| Native pasture | 2,652,702 | 4,145 | 81 | 0.35 | 1.60 | 3.83 | 130 |
| Nonirrigated cropland | 534,326 | 835 | 16 | 1.12 | 2.59 | 10.62 | 220 |
| Other | 6,597 | 10 | 0 | 0.53 | 0.01 | 5.08 | 1 |


| Rolling Plains--North Land Market Area 6 <br> Land Class |  |  |  |  |  | Estimated <br> Net <br> Income <br> (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 126,550 | 198 | 2 | 0.05 | 0.66 | 0.62 | 62 |
| Improved pasture | 35,119 | 55 | 1 | 0.69 | 1.80 | 8.75 | 194 |
| Irrigated cropland | 65,655 | 103 | 1 | 1.66 | 3.74 | 17.80 | 323 |
| Native pasture | 4,638,670 | 7,248 | 74 | 0.27 | 0.92 | 3.41 | 93 |
| Nonirrigated cropland | 1,403,559 | 2,193 | 22 | 1.07 | 2.06 | 12.84 | 190 |
| Orchard | 80 | 0 | 0 | 0.75 | 1.72 | 8.20 | 150 |
| Other | 29,565 | 46 | 0 | 1.59 | 0.01 | 22.00 | 1 |
| Total | 6,299,198 | 9,842 | 100 |  |  |  |  |


| Rolling Plains--Central <br> Land Market Area 7 |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  |  |  |  |  |
|  | Acres | Square <br> Miles | Property Taxes <br> Percent <br> of Total | Open <br> Space <br> $(\$ / a c r e)$ | Market <br> Value <br> (\$/acre) | Estimated <br> Net <br> Income <br> (\$/acre) | Assessed <br> Market <br> Value <br> (\$/acre) |
| Barren land | 146,548 | 229 | 4 | 0.10 | 0.48 | 1.09 | 36 |
| Improved pasture | 193,508 | 302 | 5 | 1.00 | 3.79 | 10.17 | 309 |
| Irrigated cropland | 3,838 | 6 | 0 | 1.70 | 4.47 | 17.30 | 332 |
| Native pasture | $2,066,063$ | 3,228 | 50 | 0.40 | 2.11 | 4.00 | 171 |
| Nonirrigated cropland | $1,685,454$ | 2,634 | 41 | 1.35 | 5.58 | 13.16 | 451 |
| Orchard | 24 | 0 | 0 | 1.95 | 6.12 | 19.83 | 500 |
| Other | 3,523 | 6 | 0 | 1.32 | 0.05 | 13.29 | 4 |


| Trans-Pecos Land Market Area 8 |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 2,674 | 4 | 0 | 0.01 | 0.12 | 0.15 | 10 |
| Improved pasture | 176,036 | 275 | 1 | 0.04 | 0.52 | 0.47 | 44 |
| Irrigated cropland | 176,887 | 276 | 1 | 1.27 | 2.38 | 14.04 | 211 |
| Native pasture | 15,801,764 | 24,690 | 98 | 0.07 | 0.59 | 0.84 | 51 |
| Orchard | 2,337 | 4 | 0 | 1.87 | 3.09 | 21.82 | 250 |
| Total | 16,159,698 | 25,250 | 100 |  |  |  |  |


| Edwards Plateau--West Land Market Area 9 <br> Land Class |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square <br> Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 120,473 | 188 | 1 | 0.02 | 0.48 | 0.31 | 51 |
| Improved pasture | 26,104 | 41 | 0 | 0.45 | 3.15 | 6.10 | 350 |
| Irrigated cropland | 113,183 | 177 | 1 | 1.72 | 7.34 | 25.52 | 735 |
| Native pasture | 11,556,542 | 18,057 | 94 | 0.26 | 1.94 | 3.21 | 200 |
| Nonirrigated cropland | 477,822 | 747 | 4 | 0.76 | 4.59 | 9.55 | 413 |
| Orchard | 551 | 1 | 0 | 1.75 | 4.58 | 22.24 | 445 |
| Other | 9,479 | 15 | 0 | 0.65 | 0.01 | 11.21 | 1 |
| Total | 12,304,154 | 19,225 | 100 |  |  |  |  |


| Edwards Plateau--South Land Market Area 10 <br> Land Class |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square <br> Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 291,650 | 456 | 7 | 0.32 | 6.88 | 3.59 | 598 |
| Improved pasture | 208,184 | 325 | 5 | 0.75 | 6.47 | 8.96 | 580 |
| Irrigated cropland | 204,039 | 319 | 5 | 2.77 | 10.07 | 32.09 | 829 |
| Native pasture | 2,398,765 | 3,748 | 57 | 0.48 | 5.61 | 5.68 | 529 |
| Nonirrigated cropland | 311,045 | 486 | 7 | 1.36 | 7.52 | 14.90 | 710 |
| Orchard | 11,992 | 19 | 0 | 4.10 | 15.59 | 46.62 | 1,426 |
| Other | 777,787 | 1,215 | 19 | 0.36 | 1.72 | 4.73 | 177 |
| Total | 4,203,462 | 6,568 | 100 |  |  |  |  |


| Rio Grande Plains Land Market Area 11 |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
| Land Class | Acres | Square Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 373,162 | 583 | 4 | 0.18 | 1.17 | 1.51 | 80 |
| Improved pasture | 374,952 | 586 | 4 | 0.82 | 5.69 | 6.71 | 382 |
| Irrigated cropland | 41,172 | 64 | 0 | 3.21 | 9.93 | 32.78 | 702 |
| Nâtive pasture | 7,683,853 | 12,006 | 80 | 0.57 | 4.79 | 4.82 | 320 |
| Nonirrigated cropland | 225,972 | 353 | 2 | 1.59 | 6.00 | 13.46 | 470 |
| Orchard | 1,111 | 2 | 0 | 3.03 | 10.15 | 28.15 | 758 |
| Other | 863,201 | 1,349 | 9 | 0.66 | 4.20 | 7.10 | 381 |
| Total | 9,563,423 | 14,943 | 100 |  |  |  |  |


| North Central Plains Land Market Area 12 <br> Land Class |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square <br> Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 63,792 | 100 | 1 | 0.10 | 1.37 | 1.04 | 113 |
| Improved pasture | 134,142 | 210 | 2 | 0.72 | 3.79 | 7.99 | 343 |
| Irrigated cropland | 61,530 | 96 | 1 | 1.96 | 5.49 | 21.91 | 437 |
| Native pasture | 5,150,682 | 8,048 | 70 | 0.40 | 2.93 | 4.11 | 272 |
| Nonirrigated cropland | 1,858,697 | 2,904 | 25 | 1.40 | 4.84 | 16.05 | 423 |
| Orchard | 2.516 | 4 | 0 | 3.08 | 7.83 | 34.08 | 728 |
| Other | 64,255 | 100 | 1 | 0.28 | 0.04 | 3.45 | 3 |
| Total | 7,335,614 | 11,462 | 100 |  |  |  |  |


| Crosstimbers <br> Land Market Area 13 |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 179 | 0 | 0 | 0.23 | 0.27 | 2.49 | 20 |
| Improved pasture | 131,927 | 206 | 4 | 0.72 | 5.80 | 7.47 | 566 |
| Irrigated cropland | 29,045 | 45 | 1 | 2.86 | 8.53 | 31.12 | 812 |
| Native pasture | 2,707,096 | 4,230 | 74 | 0.53 | 4.86 | 5.62 | 411 |
| Nonirrigated cropland | 777,916 | 1,215 | 21 | 0.93 | 6.62 | 9.90 | 568 |
| Orchard | 12,519 | 20 | 0 | 2.50 | 7.83 | 29.13 | 748 |
| Other | 5.407 | 8 | 0 | 2.07 | 0.05 | 25.27 | 4 |
| Total | 3,664,089 | 5,725 | 100 |  |  |  |  |


| Hill Country-North Land Market Area 14 |  |  |  |  |  | Estimated <br> Net <br> Income <br> (\$/acre) | Assessed <br> Market <br> Value <br> (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square <br> Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 10 | 0 | 0 | 0.42 | 3.58 | 4.36 | 300 |
| Improved pasture | 123,360 | 193 | 4 | 0.92 | 5.29 | 9.96 | 501 |
| Irrigated cropland | 7,122 | 11 | 0 | 2.20 | 8.99 | 24.15 | 770 |
| Native pasture | 2,341,741 | 3,659 | 83 | 0.60 | 4.72 | 7.23 | 452 |
| Nonirrigated cropland | 346,438 | 541 | 12 | 1.09 | 5.30 | 12.82 | 510 |
| Orchard | 8,494 | 13 | 0 | 4.10 | 12.58 | 46.75 | 1,127 |
| Other | 6,117 | 10 | 0 | 0.95 | 0.19 | 9.57 | 16 |
| Total | 2,833,282 | 4,427 | 100 |  |  |  |  |


| Hill Country--West Land Market Area 15 |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Improved pasture | 98,606 | 154 | 7 | 0.69 | 6.30 | 7.47 | 550 |
| Irrigated cropland | 988 | 2 | 0 | 0.80 | 8.02 | 8.72 | 700 |
| Native pasture | 1,338,202 | 2,091 | 91 | 0.34 | 3.89 | 4.58 | 351 |
| Nonirrigated cropland | 16,819 | 26 | 1 | 0.63 | 7.25 | 8.48 | 654 |
| Orchard | 1,005 | 2 | 0 | 3.49 | 24.79 | 39.05 | 2,196 |
| Other | 19,532 | 31 | 1 | 0.54 | 1.12 | 7.25 | 120 |
| Total | 1,475,152 | 2,305 | 100 |  |  |  |  |



| Hill Country--South Land Market Area 17 |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square <br> Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 4,040 | 6 | 0 | 0.07 | 4.10 | 0.75 | 333 |
| Improved pasture | 43,859 | 69 | 3 | 0.71 | 12.32 | 7.20 | 1,141 |
| Irrigated cropland | 1,396 | 2 | 0 | 0.93 | 13.61 | 9.96 | 1,175 |
| Native pasture | 1,428,470 | 2,232 | 86 | 0.57 | 9.68 | 5.41 | 859 |
| Nonirrigated cropland | 39,726 | 62 | 2 | 0.90 | 12.52 | 10.58 | 1,081 |
| Orchard | 1,205 | 2 | 0 | 2.99 | 31.20 | 27.66 | 2,916 |
| Other | 144,643 | 226 | 9 | 0.61 | 3.48 | 5.38 | 246 |
| Total | 1,663,339 | 2,599 | 100 |  |  |  |  |



| Coastal Prairie--North Land Market Area 19 <br> Land Class |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 54,133 | 85 | 2 | 0.24 | 7.72 | 2.51 | 710 |
| Improved pasture | 754,218 | 1,178 | 25 | 1.12 | 8.87 | 11.21 | 923 |
| Irrigated cropland | 149,826 | 234 | 5 | 2.08 | 10.25 | 23.29 | 869 |
| Native pasture | 1,826,263 | 2,854 | 62 | 0.74 | 8.51 | 8.13 | 816 |
| Nonirrigated cropland | 175,240 | 274 | 6 | 1.46 | 11.14 | 16.16 | 1,017 |
| Orchard | 868 | 1 | 0 | 1.74 | 14.06 | 20.68 | 1,379 |
| Timber | 3,490 | 5 | 0 | 2.22 | 25.02 |  |  |
| Total | 2,964,038 | 4,631 | 100 |  |  |  |  |


| Coastal Prairie--South Land Market Area 20 Land Class |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square <br> Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 91,637 | 143 | 2 | 0.31 | 4.28 | 3.43 | 319 |
| Improved pasture | 496,772 | 776 | 12 | 1.18 | 10.92 | 11.20 | 836 |
| Irrigated cropland | 1,385 | 2 | 0 | 3.99 | 61.27 | 39.71 | 4,900 |
| Native pasture | 2,206,001 | 3,447 | 54 | 0.60 | 8.55 | 5.97 | 717 |
| Nonirrigated cropland | 1,137,732 | 1,778 | 28 | 3.23 | 10.72 | 31.65 | 860 |
| Orchard | 146 | 0 | 0 | 2.72 | 7.34 | 31.15 | 617 |
| Other | 187,801 | 293 | 5 | 4.35 | 5.90 | 51.65 | 614 |
| Total | 4,121,474 | 6,440 | 100 |  |  |  |  |


| Coastal Priarie-Middle <br> Land Market Area 21 |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
| Land Class | Acres | Square <br> Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 166,630 | 260 | 7 | 1.69 | 5.14 | 21.74 | 479 |
| Improved pasture | 64,884 | 101 | 3 | 1.11 | 9.54 | 12.45 | 904 |
| Irrigated cropland | 353,064 | 552 | 14 | 2.53 | 8.90 | 29.13 | 760 |
| Native pasture | 1,344,688 | 2,101 | 53 | 0.72 | 7.97 | 8.10 | 718 |
| Nonirrigated cropland | 590,571 | 923 | 23 | 2.56 | 9.97 | 27.26 | 827 |
| Orchard | 1,345 | 2 | 0 | 3.32 | 18.64 | 35.54 | 1,583 |
| Other | 16,072 | 25 | 1 | 4.29 | 0.10 | 48.75 | 9 |
| Total | 2,537,254 | 3,964 | 100 |  |  |  |  |


| Texoma <br> Land Market Area 22 <br> Land Class |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 16,541 | 26 | 1 | 0.30 | 6.37 | 2.65 | 二 576 |
| Improved pasture | 217,532 | 340 | 11 | 1.41 | 9.55 | 14.32 | 813 |
| Irrigated cropland | 3,480 | 5 | 0 | 2.73 | 15.17 | 31.12 | 1,219 |
| Native pasture | 1,221,287 | 1,908 | 62 | 0.83 | 8.61 | 8.47 | 774 |
| Nonirrigated cropland | 434,823 | 679 | 22 | 1.90 | 9.39 | 18.66 | 772 |
| Orchard | 2,241 | 4 | 0 | 2.10 | 15.70 | 21.66 | 1,392 |
| Other | 67,156 | 105 | 3 | 0.74 | 0.82 | 8.10 | 71 |
| Total | 1,963,060 | 3,067 | 100 |  |  |  |  |


| Fort Worth Prairie Land Market Area 23 |  |  |  |  |  | Estimated <br> Net <br> Income <br> (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 66,652 | 104 | 3 | 0.49 | 9.04 | 4.23 | 680 |
| Improved pasture | 350,739 | 548 | 15 | 1.24 | 17.47 | 10.58 | 1,357 |
| Irrigated cropland | 10,916 | 17 | 0 | 2.62 | 16.58 | 26.77 | 1,308 |
| Native pasture | 1,630,135 | 2,547 | 71 | 0.79 | 16.04 | 7.47 | 1,192 |
| Nonirrigated cropland | 239,094 | 374 | 10 | 1.59 | 18.74 | 17.14 | 1,387 |
| Orchard | 6,760 | 11 | 0 | 3.04 | 21.47 | 31.14 | 1,549 |
| Other | 426 | 1 | 0 | 3.67 | 0.97 | 32.04 | 74 |
| Total | 2,304,722 | 3,601 | 100 |  |  |  |  |


| Dallas Prairie Land Market Area 24 <br> Land Class |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
|  | Acres | Square Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 31,968 | 50 | 1 | 0.49 | 11.75 | 4.41 | 870 |
| Improved pasture | 608,453 | 951 | 22 | 1.36 | 27.66 | 13.07 | 2,138 |
| Irrigated cropland | 794 | 1 | 0 | 1.34 | 10.76 | 15.11 | 904 |
| Native pasture | 1,401,305 | 2,190 | 50 | 0.90 | 24.50 | 8.09 | 1,825 |
| Nonirrigated cropland | 744,240 | 1,163 | 26 | 2.61 | 27.83 | 24.90 | 2,149 |
| Orchard | 5,844 | 9 | 0 | 4.37 | 24.25 | 39.99 | 1,808 |
| Timber | 7,793 | 12 | 0 | 1.79 | 18.10 |  |  |
| Other | 12,826 | 20 | 0 | 2.79 | 0.11 | 26.09 | 8 |
| Total | 2,813,223 | 4,396 | 100 |  |  |  |  |


| Blacklands--North Land Market Area 25 |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
| Land Class | Acres | Square Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market value (\$/acre) |  |  |
| Barren land | 19,069 | 30 | 0 | 0.27 | 4.70 | 3.11 | 427 |
| Improved pasture | 850,960 | 1,330 | 18 | 1.19 | 7.64 | 14.23 | 688 |
| Irrigated cropland | 2,356 | 4 | 0 | 2.70 | 10.38 | 28.64 | 1,000 |
| Native pasture | 2,550,562 | 3,985 | 55 | 0.73 | 7.20 | 8.09 | 629 |
| Nonirrigated cropland | 1,191,598 | 1,862 | 26 | 1.85 | 8.21 | 21.17 | 728 |
| Orchard | 1,668 | 3 | 0 | 2.72 | 12.00 | 28.64 | 1,000 |
| Timber | 209 | 0 | 0 | 3.28 | 37.37 |  |  |
| Other | 25,389 | 40 | 1 | 1.03 | 0.70 | 13.08 | 67 |
| Total | 4,641,811 | 7,253 | 100 |  |  |  |  |


| Blacklands--South Land Market Area 26 | Area |  |  | School Property Taxes |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Acres | Square Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 89,556 | 140 | 3 | 0.34 | 12.57 | 3.11 | 858 |
| Improved pasture | 592,951 | 926 | 21 | 0.98 | 17.03 | 10.33 | 1,226 |
| Irrigated cropland | 1,397 | 2 | 0 | 3.31 | 23.16 | 28.50 | 1,746 |
| Native pasture | 1,504,119 | 2,350 | 54 | 0.65 | 15.94 | 5.87 | 1,142 |
| Nonirrigated cropland | 512,743 | 801 | 19 | 2.29 | 17.05 | 22.07 | 1,209 |
| Orchard | 2,172 | 3 | 0 | 5.69 | 23.53 | 55.33 | 1,633 |
| Timber | 363 | 1 | 0 | 2.16 | 21.13 |  |  |
| Other | 62,502 | 98 | 2 | 0.32 | 0.04 | 3.51 | 3 |
| Total | 2,765,803 | 4,322 | 100 |  |  |  |  |


| Brazos <br> Land Market Area 27 <br> Land Class |  |  |  |  |  |  | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  | Estimated Net Income (\$/acre) |  |
|  | Acres | Square Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 104.517 | 163 | 4 | 0.38 | 5.83 | 3.98 | 498 |
| Improved pasture | 653.406 | 1.021 | 23 | 0.95 | 11.29 | 10.61 | 978 |
| Irrigated cropland | 34.479 | 54 | 1 | 2.93 | 11.03 | 36.53 | 935 |
| Native pasture | 1.784.116 | 2.788 | 64 | 0.64 | 9.87 | 7.24 | 881 |
| Nonirrigated cropland | 80.580 | 126 | 3 | 1.93 | 11.60 | 21.50 | 1.022 |
| Orchard | 1.595 | 2 | 0 | 2.63 | 18.34 | 28.02 | 1.579 |
| Timber | 64.991 | 102 | 2 | 2.38 | 25.61 |  |  |
| Other | 80.913 | 126 | 3 | 0.46 | 3.21 | 3.86 | 258 |
| Total | 2.804 .597 | 4.382 | 100 |  |  |  |  |


| Houston <br> Land Market Area 28 <br> Land Class |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 56,165 | 88 | 1 | 0.54 | 15.43 | 4.98 | 1,055 |
| Improved pasture | 312,240 | 488 | 8 | 1.66 | 32.51 | 14.95 | 2,352 |
| Irrigated cropland | 505,269 | 789 | 13 | 3.30 | 17.83 | 31.63 | 1,373 |
| Native pasture | 1,868,162 | 2,919 | 47 | 0.96 | 21.02 | 8.72 | 1,681 |
| Nonirrigated cropland | 404,677 | 632 | 10 | 2.10 | 31.44 | 18.69 | 2,135 |
| Orchard | 6,318 | 10 | 0 | 4.37 | 33.41 | 47.31 | 2,397 |
| Timber | 796,248 | 1,244 | 20 | 2.72 | 10.89 | 26.33 | 826 |
| Other | 33,618 | 53 | 1 | 5.23 | 0.28 | 45.80 | 19 |
| Total | 3,982,697 | 6,223 | 100 |  |  |  |  |


| Northeast <br> Land Market Area 29 |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  |  |  | School Property Taxes |  |


| Piney Woods--North Land Market Area 30 <br> Land Class |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open Space (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 65,009 | 102 | 1 | 0.87 | 5.98 | 8.72 | 559 |
| Improved pasture | 1,015,044 | 1,586 | 21 | 1.11 | 9.27 | 11.83 | 765 |
| Irrigated cropland | 0 | 0 |  |  |  |  |  |
| Native pasture | 1,609,146 | 2,514 | 33 | 0.79 | 9.44 | 8.16 | 721 |
| Nonirrigated cropland | 63,699 | 100 | 1 | 1.11 | 9.97 | 11.21 | 813 |
| Orchard | 3,930 | 6 | 0 | 2.68 | 13.00 | 27.45 | 1,043 |
| Timber | 1,919,948 | 3,000 | 40 | 1.96 | 17.10 | 20.02 | 1,368 |
| Other | 157,567 | 246 | 3 | 1.77 | 0.39 | 18.67 | 32 |
| Total | 4,834,343 | 7.554 | 100 |  |  |  |  |


| Piney Woods--South Lard Market Area 31 <br> Land Class |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 1,252 | 2 | 0 | 2.56 | 11.00 | 24.86 | 859 |
| Improved pasture | 143,806 | 225 | 5 | 1.54 | 11.05 | 17.43 | 962 |
| Na:ive pasture | 386,709 | 604 | 12 | 1.03 | 10.35 | 11.20 | 885 |
| Nonirrigated cropland | 2,267 | 4 | 0 | 1.31 | 11.13 | 13.70 | 1,101 |
| Orchard | 25 | 0 | 0 | 3.29 | 12.23 | 47.68 | 1,422 |
| Timber | 2,559,675 | 3,999 | 81 | 2.59 | 9.77 | 26.63 | 749 |
| Other | 55,035 | 86 | 2 | 0.49 | 0.59 | 5.60 | 60 |
| To:al | 3,148,769 | 4,920 | 100 |  |  |  |  |


| Lower Rio Grande Valley Land Market Area 32 <br> Land Class |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square <br> Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market Value (\$/acre) |  |  |
| Barren land | 53,085 | 83 | 4 | 0.25 | 16.61 | 2:49 | 1,357 |
| Improved pasture | 126,362 | 197 | 8 | 2.01 | 23.38 | 19.29 | 1,888 |
| Irrigated cropland | 445,083 | 695 | 29 | 5.83 | 26.98 | 60.73 | 2,079 |
| Native pasture | 473,211 | 739 | 31 | 0.58 | 19.18 | 6.16 | 1,430 |
| Nonirrigated cropland | 380,552 | 595 | 25 | 3.72 | 10.16 | 37.10 | 932 |
| Orchard | 36,782 | 57 | 2 | 6.47 | 43.07 | 62.61 | 3,453 |
| Other | 1,055 | 2 | 0 | 0.66 | 0.23 | 7.22 | 17 |
| Total | 1,516,130 | 2,369 | 100 |  |  |  |  |


| El Paso <br> Land Market Area 33 |  |  |  |  |  | Estimated Net Income (\$/acre) | Assessed Market Value (\$/acre) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Area |  |  | School Property Taxes |  |  |  |
|  | Acres | Square Miles | Percent of Total | Open <br> Space <br> (\$/acre) | Market <br> Value( <br> \$/acre) |  |  |
| Improved pasture | 520 | 1 | 0 | 8.18 | 105.64 | 80.92 | 5,725 |
| Irrigated cropland | 42,076 | 66 | 37 | 8.72 | 78.52 | 80.93 | 6,063 |
| Native pasture | 65,025 | 102 | 57 | 0.13 | 25.66 | 1.25 | 2,043 |
| Orchard | 5,332 | 8 | 5 | 10.38 | 97.29 | 85.05 | 7,189 |
| Other | 762 | 1 | 1 | 4.65 | 0.11 | 41.49 | 8 |
| Total | 113,715 | 178 | 100 |  |  |  |  |

## Appendix B

## Texas Land Market Areas by Counties

Land Market Area 1
Dallam
Hansford
Hartley
Moore
Ochiltree
Sherman
Land Market Area 2
Armstrong
Briscoe
Carson
Castro
Deaf Smith
Gray
Parmer
Randall
Swisher
Land Market Area 3
Borden
Crosby
Dawson
Floyd
Garza
Hale
Lubbock
Lynn
Land Market Area 4
Andrews
Bailey
Cochran
Ector
Gaines
Hockley
Howard
Lamb
Martin
Midland
Terry
Yoakum
Land Market Area 5
Hemphill
Hutchinson
Lipscomb
Oldham
Potter
Roberts

Land Market Area 6
Childress
Collingsworth
Cottle
Dickens
Donley
Hall
Kent
King
Motley
Stonewall
Wheeler
Land Market Area 7
Fisher
Jones
Mitchell
Nolan
Runnels
Scurry
Taylor
Land Market Area 8
Brewster
Crane
Culberson
Hudspeth
Jeff Davis
Loving
Pecos
Presidio
Reeves
Terrell
Ward
Winkler
Land Market Area 9
Coke
Concho
Crockett
Edwards
Glasscock
Irion
Kinney
Reagan
Schleicher
Sterling
Sutton
Tom Green
Upton
Val Verde

| Land Market Area 10FrioMaverickMedinaUvaldeZavala | Land Market Area 16 |
| :---: | :---: |
|  | Burnet |
|  | Gillespie |
|  | Llano |
|  | Mason |
| Land Market Area 11 | Land Market Area 17 |
|  | Bandera |
| Dimmit | Blanco |
| Duval | Kendall |
| Jim Hogg | Kerr |
| Kenedy |  |
| La Salle | Land Market Area 18 |
| McMullen | Atascosa |
| Starr | Bexar |
| Webb | Comal |
| Zapata | Guadalupe |
| Land Market Area 12 | Wilson |
| Archer |  |
| Baylor | Land Market Area 19 |
| Clay | Colorado |
| Foard | DeWitt |
| Hardeman | Fayette |
| Haskell | Gonzales |
| Jack | Lavaca |
| Knox |  |
| Shackelford | Land Market Area 20 |
| Stephens | Aransas |
| Throckmorton | Bee |
| Wichita | Goliad |
| Wilbarger | Jim Wells |
| Young | Kleberg |
| Land Market Area 13 | Live Oak |
|  | Nueces |
| Callahan | Refugio |
| Coleman | San Patricio |
| Comanche |  |
| Eastland | Land Market Area 21 |
| Erath | Calhoun |
|  | Jackson |
| Land Market Area 14 | Matagorda |
| Hamilton | Victoria |
| McCulloch | Wharton |
| Mills |  |
| Lampasas | Land Market Area 22 |
| San Saba | Cooke |
|  | Fannin |
| Land Market Area 15 | Grayson |
| Kimble | Montague |
| Menard |  |
| Real | Land Market Area 23 |
|  | Hood |
|  | Johnson |

## Land Market Area 16

Burnet
Gillespie
Llano
Mason
Land Market Area 17
Bandera
Blanco
Kendall
Kerr
Land Market Area 18
Atascosa
Bexar
Comal
Guadalupe
nes

Land Market Area 19
Colorado
DeWitt
Fayette
Lavaca
Land Market Area 20
Aransas
Bee
Goliad
Jinell
Live Oak
Nueces
Refugio
San Patricio

Land Market Area 21
Calhoun
Jackson
Matagorda
Victoria
Wharton
Land Market Area 22
Cooke
Fannin
Grayson
Montague

Hood
Johnson

| Palo Pinto | Harris |
| :---: | :---: |
| Parker | Jefferson |
| Somervell | Liberty |
| Tarrant | Montgomery |
| Wise | Orange |
|  | San Jacinto |
| Land Market Area 24 | Walker |
| Collin | Waller |
| Dallas |  |
| Denton | Land Market Area 29 |
| Ellis | Bowie |
| Hunt | Camp |
| Kaufman | Cass |
| Rains | Delta |
| Rockwall | Franklin |
| Van Zandt | Hopkins |
|  | Lamar |
| Land Market Area 25 | Marion |
| Bell | Morris |
| Bosque | Red River |
| Coryell | Titus |
| Falls | Upshur |
| Freestone | Wood |
| Hill |  |
| Limestone | Land Market Area 30 |
| McLennan | Anderson |
| Navarro | Cherokee |
|  | Gregg |
| Land Market Area 26 | Harrison |
| Bastrop | Henderson |
| Caldwell | Houston |
| Hays | Nacogdoches |
| Lee | Panola |
| Milam | Rusk |
| Travis | Shelby |
| Williamson | Smith |
| Land Market Area 27 | Land Market Area 31 |
| Brazos | Angelina |
| Burleson | Jasper |
| Grimes | Newton |
| Leon | Polk |
| Madison | Sabine |
| Robertson | San Augustine |
| Washington | Trinity |
|  | Tyler |
| Land Market Area 28 |  |
| Austin | Land Market Area 32 |
| Brazoria | Cameron |
| Chambers | Hidalgo |
| Fort Bend | Willacy |
| Galveston |  |
| Hardin | Land Market Area 33 |
|  | El Paso |

Palo Pinto
Somervell
Tarrant
Wise
Land Market Area 24
Collin
Dallas
Denton
Ellis
Hunt
Kaufman
Rans
Rockwall
Van Zandt
Land Market Area 25
Bell
Bosque
Coryell
Falls
Freestone
Hin
Linetone
McLennan
Navarro
Land Market Area 26
Bastrop
Caldwell
Hays
Milam
Travis
Williamson
Land Market Area 27
Brazos
Burleson
Grimes
Leon
Madison
Robertson
Washington
Land Market Area 28
Austin
Brazoria
Chambers
Fort Bend
Galveston
Hardin

Harris
Jefferson
Liberty
Montgomery
Orange
n Jacinto
Wak
and Market Area 29
Bowie
Cas
Delt
Franklin
Hopkins
Lamar
Marion
Morris
Red River
Up
Upshur
Wood
Land Market Area 30
Anderson
Cherokee
Gregg
Harrison
Henderson
Nacogdoches
Panola
Rusk
Shely

Land Market Area 31
Angelina
Jasper
Newton
Sabine
San Augustine
Trinity
Tyler
Land Market Area 32
Cameron
Hidalgo
Willacy

El Paso

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[^0]:    Source: Real Estate Center at Texas A\&M University

