OKLAHOMA'S OIL AND GAS ECONOMY

January 2022

Prepared for: Oklahoma Energy Resources Board

by:



Oklahoma's Oil and Gas Economy

RegionTrack, Inc. (regiontrack.com) is an Oklahoma City-based economic research firm specializing in regional economic forecasting and analysis. Principal authors of the report are RegionTrack economists Mark C. Snead, Ph.D. and Amy A. Jones, M.A.

Table of Contents

| I. | Current Conditions - COVID and Oklahoma's Oil and Gas Sector | 1 |
|-------|--|----|
| | 2020 Market Downturn | 1 |
| | Subdued Recovery Underway | 1 |
| | Significant Risks Remain | 1 |
| II. | Profile of Oklahoma's Oil and Gas Cluster | 3 |
| | Composition of the Cluster | 5 |
| | Trends in the Cluster | 8 |
| III. | Oklahoma Oil and Gas Production | 11 |
| | Long-Run Production Trends | 11 |
| | Market Value of Oil and Gas Production | 14 |
| | State Production Trends and Rankings | 15 |
| | Royalties Follow Production Drop | 19 |
| | Oil and Gas Exports Slow | 20 |
| | Pipelines Remain Key Component of Cluster | 21 |
| IV. | Drilling and Exploration Activity | |
| | Investment in the Oil and Gas Cluster | 22 |
| | Drilling and Completion Activity | 24 |
| | Proved Reserves | 26 |
| V. | Oil and Gas Cluster Share of Total State Economic Activity | |
| | Oil and Gas Cluster Contribution to State GDP Growth | |
| | Oil and Gas Share of Household Earnings | |
| VI. | Economic Spillovers from Oil and Gas | |
| | Modeling Regional Linkages | |
| | Gross Economic Contribution of the Oil and Gas Cluster | |
| VII. | Tax Contributions of the Oil and Gas Industry | |
| | Gross Production Taxes | |
| | Severance Taxes Play Key Role in Budget Stabilization | 37 |
| | Ad Valorem Tax Payments | |
| | How are Oklahoma Oil and Gas Production Tax Revenues Used? | 41 |
| | Total Business Tax Burden | 60 |
| VIII. | Endnotes | |

Table of Figures

| Figure 1. Economic Profile of Oklahoma's Oil and Gas Cluster (2020) | 4 |
|---|------|
| Figure 2. Oil and Gas Cluster Share of State Economic Activity (2020) | 4 |
| Figure 3. Private Sector Establishments in the Mining Sector by Employment Size (2021Q1 |).6 |
| Figure 4. Concentration of Oklahoma Oil and Natural Gas Production | 7 |
| Figure 5. Historical Profile of Oklahoma's Oil and Gas Cluster | 9 |
| Figure 6. Traditional vs. Ancillary Components of Oil and Gas Cluster | . 10 |
| Figure 7. Oklahoma Oil and Gas Production Trends | . 12 |
| Figure 8. Oklahoma Historical Production of Crude Oil and Natural Gas | . 12 |
| Figure 9. Oklahoma Total BOE Production of Crude Oil and Natural Gas | . 13 |
| Figure 10. Value of Oklahoma Crude Oil and Natural Gas Production | . 14 |
| Figure 11. Leading Crude Oil and Natural Gas-Producing States (2020) | . 15 |
| Figure 12. Crude Oil Production in Major Oil-Producing States | . 16 |
| Figure 13. Gas Production in Major Natural Gas-Producing States | . 18 |
| Figure 14. Royalty Payments from Oklahoma Oil and Gas Production | . 19 |
| Figure 15. Net Exports of Oklahoma Crude Oil and Natural Gas | . 20 |
| Figure 16. Total Employment – Oklahoma Pipeline Sector | . 21 |
| Figure 17. Proprietors' Earnings – Oklahoma Pipeline Sector | . 21 |
| Figure 18. Annual Private Fixed Investment – Oklahoma | . 22 |
| Figure 19. Mining and Pipeline Share of Total State Private Fixed Investment – Oklahoma | . 23 |
| Figure 20. Drilling Rig Count – OK vs. U.S. | . 24 |
| Figure 22. Wells Drilled Completed/Uncompleted (DUC) – Anadarko Basin | . 25 |
| Figure 23. Proved Reserves of Crude Oil and Natural Gas (2019) | . 26 |
| Figure 24. Shale Gas Reserves by State (2019) | . 27 |
| Figure 25. Industry Level Contributions to Real GDP Growth – Oklahoma | . 28 |
| Figure 26. Share of State Household Earnings Derived from Oil and Gas Cluster | . 30 |
| Figure 27. Gross Economic Contribution - Oklahoma Oil and Gas Cluster (2020) | . 31 |
| Figure 28. Net Annual Oil and Gas Gross Production Tax Receipts – Oklahoma | . 34 |
| Figure 29. Effective Gross Production Tax Rate – Oklahoma (Fiscal Year) | . 35 |
| Figure 30. Oklahoma Gross Production Tax – Source of Annual Changes (Fiscal Years) | . 36 |
| Figure 31. Oklahoma Rainy Day Fund Balance and Gross Tax Collections | . 37 |
| Figure 32. Oil and Gas Cluster Ad Valorem Tax Payments | . 38 |
| Figure 33. OK Oil and Gas Cluster - Selected Ad Valorem Tax Payments (FY2020) | . 39 |
| Figure 33. (Cont.) OK Oil and Gas Cluster - Selected Ad Valorem Tax Payments (FY2020). | . 40 |
| Figure 34. Distribution of Oklahoma Gross Production Taxes | . 42 |
| Figure 35. Gross Production Tax Revenue Returned to School Districts | . 43 |
| Figure 35. (Cont.) Gross Production Tax Revenue Returned to School Districts | . 44 |
| Figure 36. Gross Production Tax Distributions by County/School District | . 47 |
| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | . 48 |
| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | . 49 |
| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | . 50 |
| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | . 51 |
| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | . 52 |
| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | . 53 |
| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | . 54 |

| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | 55 |
|---|----|
| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | 56 |
| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | 57 |
| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | 58 |
| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | 59 |
| Figure 37. Federal, State, & Local Tax Payments - Oil and Gas Cluster | 61 |
| Figure 38. Federal, State, & Local Tax Payments by Major Sector – Oklahoma (2020) | 62 |

Defining Oklahoma's Oil and Gas Cluster

Oklahoma has served as a major domestic oil and gas hub for more than a century and remains home to a substantial and growing concentration of oil and gas related activity. The largest and most visible components of state oil and gas activity remain the two traditional tasks of drilling and production. However, often ignored in evaluating the state's oil and gas presence is the large and vibrant group of ancillary oil and gas-related industries that have long operated across the state. The largest among these are refineries, petroleum product manufacturing, oil field machinery and equipment, pipelines, and surveying and mapping. Firms in these related industries are closely tied to oil and gas production and tend to locate within or adjacent to oil and gas producing regions over time.

The combination of the traditional sectors along with related ancillary industries comprise the Oklahoma oil and gas *cluster*. Clusters are defined as geographic concentrations of industries related by knowledge, skills, inputs, demand, and/or other linkages. By many measures, oil and gas is the largest and most strategic industry cluster in the Oklahoma economy. Empirical economic research continues to demonstrate that the concentration of an industry cluster such as oil and gas can have significant positive effects on a regional economy through job creation and business formation. Wherever the core of an industry is based, related firms will follow. Most firms in the ancillary sectors of the oil and gas cluster likely would not be located within Oklahoma if traditional oil and gas drilling and production were not taking place in the state.

Cluster Industries. In defining and examining Oklahoma's oil and gas cluster, this report uses the set of industry sectors defined by the U.S. Cluster Mapping Project. The approach measures the relatedness of industries using economic inputoutput linkages, patterns in labor use, co-location of employment, and proximity of establishments. Only industries that are deeply integrated with the core oil and gas sectors are considered for inclusion in the state's oil and gas cluster.

Throughout the report the oil and gas cluster consists of eight NAICS industry sectors at various levels of aggregation. The first three sectors include the traditional areas of oil and gas drilling, production, and support activity: 1) *drilling new wells* (NAICS 213111), 2) *production of crude oil and natural gas* (NAICS 211), and 3) *support functions for drilling and production* (NAICS 213112). The remaining five sectors include industries with well-established ties to oil and gas drilling and production: 1) *refineries* (NAICS 324110), 2) *other forms of petroleum manufacturing* (NAICS 32419), 3) *oil and gas field machinery and equipment manufacturing* (NAICS 33313), 4) *pipelines* (NAICS 486), and 5) *surveying and mapping* (NAICS 541360).

Firms that comprise the state's oil and gas cluster are found upstream, midstream, and downstream in the oil and gas channel. The traditional tasks of drilling and exploration are the primary upstream activities but include other related sectors such as oil and gas field equipment manufacturing, seismology, surveying, mapping, data analysis, and other sectors. Firms engaged in the midstream activities of transportation, storage, and marketing include the state's extensive pipeline and storage sectors along with many firms engaged in marketing and wholesaling of oil and gas-related products. Firms engaged in downstream activities, primarily refining and processing, include the state's refineries, processing plants, and other forms of manufacturing from petroleum products.

Other Related Oil and Gas Industries. In evaluating the state's oil and gas cluster, it is important to note that the approach used by the U.S. Cluster Mapping Project is quite conservative in that it captures only those ancillary industries that are typically present across all oil and gas clusters. The approach used can exclude other industry sectors that may have a more highly developed presence in some oil and gas producing regions, particularly highly developed regions such as Oklahoma.

Several additional industries are closely tied to the state's oil and gas sector, either through buying/selling arrangements, shared workforce, proximity, or other linkages but are not included in Oklahoma's oil and gas cluster in this report. These potential sectors include Natural gas distribution (NAICS 221210), Oil and gas pipeline construction (NAICS 237120), Petrochemical manufacturing (NAICS 325110), Industrial gas manufacturing (NAICS 325120), Cyclic crude, intermediate, & gum and wood chemical manufacturing (NAICS 325194), Plastics and resins manufacturing (NAICS 325211), Industrial valve manufacturing (NAICS 332911), Other industrial machinery manufacturing (NAICS 333249), Wholesale industrial machinery and equipment merchants (NAICS 423830), Petroleum bulk stations and terminals (NAICS 424710), Petroleum and petroleum products merchant wholesalers 424720), and Fuel Dealers (NAICS 454310).

These sectors are often classified within another cluster (e.g., chemicals, utilities, or construction) rather than attributed to oil and gas. While this may be consistent with industry patterns in non-energy states, the size of these sectors is typically far larger in Oklahoma and other major oil and gas producing states yet go unaccounted for using standard cluster definitions. Hence, the definition used throughout the report is believed to represent a conservative definition of the size and breadth of the state's oil and gas cluster.

I. Current Conditions - COVID and Oklahoma's Oil and Gas Sector

2020 Market Downturn. Oklahoma's oil and gas industry was already undergoing contraction and restructuring in early 2020 when the Covid-19 pandemic surfaced. The industry was facing an aggressive surge in OPEC+ oil production, loss of global market share, a steep pullback in domestic drilling, and concerns over industry debt burdens. Recently increased state severance tax rates were weighing on margins and limiting the state's competitiveness relative to other producing regions.

Industry uncertainty spiked further in the first half of 2020 as energy demand plummeted and energy prices collapsed. An already contracting industry was further weakened by an immediate and steep decline in global demand for petroleum products as federal, state, and local governments instituted stringent closure and social distancing rules.

The weakness in drilling that began in 2019 accelerated in early 2020 and left the state with fewer than a dozen active drilling rigs, the fewest rigs operating in Oklahoma in the modern era of oil and gas exploration. A significant share of state oil and gas production was shut-in, reducing top-line revenue, royalties, and production taxes.

The resulting collapse in oil prices in April 2020 reset the thinking on how low oil prices can go as oil futures collapsed to negative prices. The negative demand shock produced a surge in oil inventories in Cushing, Oklahoma and other storage locations, including sea-based storage on rented tankers.

Subdued Recovery Underway. Conditions stabilized relatively quickly following the collapse in oil prices, but at far lower levels of prices, production, and drilling. International threats diminished as OPEC+ announced production cuts, but oil prices climbed back to only the \$40 per barrel range.

Modest industry expansion was visible in the 3rd and 4th quarters of 2020, with stronger growth finally resuming in early 2021. Oil prices steadily rebounded to more than \$80 per barrel by the 4th quarter of 2021 as concerns over the pandemic eased. Natural gas prices similarly surged above \$5 per mcf in early 2021 due to seasonal factors before cycling back to similar levels again in late 2021. The stronger than expected recovery in both oil and gas prices greatly mitigated the potential damage to the industry from the 2020 collapse.

Recovery is now fully underway in the production of both crude oil and natural gas. U.S. crude oil output remains just below previous highs while natural gas output has returned to new highs. Rig counts are growing nationally and in Oklahoma but at a far slower pace than expected as drillers continue to pull down inventories of drilled but uncompleted wells.

Hiring by oil and gas firms remains well below pre-pandemic levels. The number of wage and salary workers in the oil and gas sector fell to near modern era lows in early 2020, both nationally and in Oklahoma. The industry has seen only a modest rebound in hiring to date as firms face continued uncertainty over the pandemic, global energy demand, energy price volatility, and government policy toward the industry.

Significant Risks Remain. More volatility in the energy sector is expected in the near term. The greatest risk may still be traced to continued variants of the Covid virus. Future variants

are certain to come, but the unpredictability of the public policy response to variants looms as the major source of uncertainty.

Other risks remain from rising OPEC+ production targets, ongoing debt concerns, and possible permanent erosion of petroleum demand. Most recently, the current U.S. administration ordered a record 50 million barrels released from the U.S. Strategic Petroleum Reserve, more than 8% of the total reserve, to push gasoline prices lower.¹

Concerns over rising inflation and accelerated Federal Reserve policy tightening further increase the risk of a near-term domestic recession. These risks are expected to greatly influence oil and gas activity in 2022 and beyond.

II. Economic Profile of Oklahoma's Oil and Gas Cluster

Figure 1 provides an economic profile of Oklahoma's oil and gas cluster and its component sectors.

In 2020, the cluster:

- was comprised of more than 4,000 business establishments
- produced \$19.0 billion in state gross domestic product (GDP)
- provided Oklahoma households with \$16.5 billion in earnings
- provided employment for a combined 85,050 workers (both wage & salary workers and self-employed proprietors)
- employed 39,600 wage and salary workers who earned \$5.4 billion in compensation
- provided business opportunities for 45,450 self-employed proprietors who earned \$11.1 billion in proprietor income

The state's oil and gas cluster continues to produce an outsized share of total statewide economic activity (*Figure 2*).

In 2020, firms in the oil and gas cluster represented only 3.6% of all firms statewide but accounted for:

- 3.8% of total statewide employment (both wage and salary and self-employed proprietors)
- 10.1% of state gross domestic product
- 12.8% of household earnings statewide
- 5.2% of all compensation paid to wage and salary workers in the state
- 46% of all self-employed proprietors' earnings statewide

Relative to all state industries, the oil and gas cluster produces:

- 2.6 times more GDP per worker (\$222,800 per worker)
- 2.2 times more compensation per wage and salary worker (\$136,625 per worker)
- 5.6 times more proprietors' income per self-employed proprietor (\$245,000 per proprietor)

| Figure 1. Economic Frome of Okianoma's On and Gas Cluster (2020) | | | | | | | | | | | | |
|--|--------|-----------|----------|----------|----------|------------------|---------|---------|---------|--|--|--|
| | | | Output | | Income | | | | | | | |
| | | | (\$Mil.) | (\$Mil.) | | Employment | | | | | | |
| | | | | | | | | Wage & | Pro- | | | |
| | | Business | Gross | House- | Employee | Pro- | Total | Salary | prietor | | | |
| | | Establish | Domestic | Hold | Compen- | prietor | Employ- | Employ- | Employ- | | | |
| Cluster Industry Sectors | NAICS | -ments | Product | Earnings | sation | Income | ment | ment | ment | | | |
| Traditional Sectors: | | | | | | | | | | | | |
| Oil & Gas Extraction | 211 | 1,028 | 9,193 | 7,893 | 2,503 | 5,390 | 52,223 | 13,355 | 38,868 | | | |
| Oil & Gas Drilling | 213111 | 139 | 195 | 238 | 193 | 45 | 2,173 | 1,547 | 626 | | | |
| Oil & Gas Support Activities | 213112 | 1,927 | 1,127 | 1,377 | 1,116 | 261 | 16,567 | 11,794 | 4,774 | | | |
| Oil & Gas Drilling, Extraction, & Support | | 3,093 | \$10,515 | \$9,508 | \$3,813 | \$5 <i>,</i> 695 | 70,963 | 26,695 | 44,268 | | | |
| | | | | | | | | | | | | |
| Ancillary Sectors: | | | | | | | | | | | | |
| Refineries | 324110 | 13 | 1,408 | 730 | 353 | 377 | 2,160 | 1,894 | 266 | | | |
| Other Petroleum & Coal Products Mfg. | 32419 | 17 | 267 | 138 | 67 | 71 | 645 | 565 | 80 | | | |
| Oil & Gas Field Mach. & Equip. Mfg. | 33313 | 219 | 814 | 535 | 527 | 8 | 6,365 | 6,182 | 183 | | | |
| Pipelines | 486 | 181 | 5,847 | 5,542 | 577 | 4,965 | 3,415 | 3,311 | 104 | | | |
| Geophysical Surveying and Mapping | 541360 | 519 | 103 | 93 | 75 | 18 | 1,510 | 964 | 546 | | | |
| Other Oil and Gas-Related Sectors | | 948 | \$8,438 | \$7,038 | \$1,599 | \$5,439 | 14,095 | 12,916 | 1,179 | | | |
| Oil and Gas Cluster | | 4,041 | \$18,953 | \$16,546 | \$5,412 | \$11,134 | 85,059 | 39,612 | 45,447 | | | |

Figure 1. Economic Profile of Oklahoma's Oil and Gas Cluster (2020)

Notes: NAICS represents the North American Industry Classification System code for each industry sector in the oil and gas cluster. Source: Bureau of Economic Analysis, Bureau of Labor Statistics, and RegionTrack calculations

| Figure 2. Oil and Gas Cluster Share of State Economic Activity (2020) | | | | | | | | |
|---|--------------------------|-------------------------|-------------------------|--|--|--|--|--|
| Economic Measure | Oil and Gas Cluster | State of Oklahoma | Share of State Total | | | | | |
| Business Establishments | 4,041 | 112,637 | 3.6% | | | | | |
| Wage & Salary Employment | 39,612 | 1,667,511 | 2.4% | | | | | |
| Proprietors' Employment | 45,447 | 557,888 | 8.1% | | | | | |
| Total Employment | 85,059 | 2,225,399 | 3.8% | | | | | |
| Gross Domestic Product | \$19.0 billion | \$188.1 billion | 10.1% | | | | | |
| GDP per Employee | \$222,821 per employee | \$84,505 per employee | 263.7% | | | | | |
| Household Earnings | \$16.5 billion | \$129.4 billion | 12.8% | | | | | |
| Earnings per Employee | \$194,530 per employee | \$58,125 per employee | 334.7% | | | | | |
| Employee Compensation | \$5.4 billion | \$104.9 billion | 5.2% | | | | | |
| Compensation per Worker | \$136,613 per worker | \$62,914 per worker | 217.1% | | | | | |
| Proprietors' Earnings | \$11.1 billion | \$24.4 billion | 45.6% | | | | | |
| Proprietors' Earnings per Proprietor | \$245,011 per proprietor | \$43,811 per proprietor | 559.2% | | | | | |

Source: Bureau of Economic Analysis, Bureau of Labor Statistics, and RegionTrack calculations

Composition of the Cluster

Traditional Sectors. The three traditional oil and gas sector activities (drilling, production, and support) account for most of the economic activity generated by the state's oil and gas cluster (*Figure 1*). Nearly 80% (3,100) of the more than 4,000 business establishments in the cluster operated in the three traditional sectors. These firms accounted for slightly more than half (\$10.5 billion) of cluster GDP and 83% (71,000) of total cluster employment in 2020.

Ancillary Sectors. Despite the dominant role of the traditional sectors, firms in the five ancillary NAICS sectors produced a large and growing share of total cluster activity. As a group, the ancillary sectors included 950 firms that produced \$8.4 billion in state GDP, \$7 billion in household earnings, and 14,100 total jobs in 2020.

Component Size. Among all eight individual NAICS sectors in the cluster, oil and gas extraction (production) is the dominant component and accounted for nearly half (48%) of total cluster GDP in 2020. However, the ancillary pipeline sector produced more than 30% of total cluster GDP. Refineries, another ancillary sector, accounted for 7.5% (\$1.4 billion) of cluster GDP in 2020. The drilling sector was severely retrenched in 2020, producing only about 1% (\$195 million) of cluster GDP in 2020.

Wage and Salary Employment. Approximately two-thirds (26,700) of the 39,600 wage and salary workers in the cluster are in the three traditional oil and gas sectors. Among the ancillary sectors, the cluster includes 6,200 wage and salary workers in oil and gas field machinery manufacturing, 1,900 in refineries, and 3,300 in the pipeline sector. Firms in the cluster also employ 1,000 wage and salary workers in geophysical surveying and mapping and 565 in other forms of petroleum product manufacturing.

Self-Employed Proprietors. Self-employment remains an important source of employment and household income within the oil and gas cluster. The 45,450 self-employed proprietors in the cluster outnumber the 39,600 wage and salary workers in the industry. Self-employment earnings also far exceed wage and salary earnings paid by firms in the cluster (\$11.1 billion vs. \$5.4 billion). In 2020, nearly all (97% or 44,300) self-employed proprietors in the cluster were in the traditional drilling, extraction, and support sectors, with most (38,900) in the production (or extraction) sector. This group includes the many thousands of state residents earning self-employment income from proprietorships and partnerships involved in oil and gas production, as well as individuals receiving royalties, lease payments, and other financial payouts related to production.

Household Earnings – Traditional vs. Ancillary. Total household earnings in the traditional areas of extraction, drilling and support (\$9.5 billion) exceed those in the ancillary sectors of the cluster (\$7.0 billion). Proprietors' earnings in the traditional oil and gas sectors reached \$5.7 billion in 2020, only slightly higher than the \$5.4 billion earned in the ancillary sectors of the cluster. Pipelines account for most of the proprietor earnings among the ancillary sectors of the cluster.

Establishment Size. The level of employment at firms in the state's oil and gas cluster ranges from a single employee to more than 1,000 employees. Figure 3 provides a breakdown of private sector oil and gas firms by employment size in the first quarter of 2021 using data on

the Oklahoma mining sector (NAICS 21).² The data exclude government workers and provides industry coverage roughly equivalent to the three core sectors of the oil and gas cluster. Wage and salary employees are captured but self-employed proprietors are excluded.

Measured by number of wage and salary employees, most oil and gas firms in the state are relatively small. More than two-thirds (69%, 2,556) have fewer than five employees, and more than 80% have fewer than 10. However, the more than 2,500 small firms with less than 10 employees comprise only 20.2% of total wage and salary employment and 10.6% of payroll in the cluster.

An additional 474 firms (15.2%) have 10 to 49 employees. These firms account for almost 36% of jobs and 23% of payroll.

Firms with fewer than 50 employees paid average annual wages of \$74,640 in 2021, 44% more than the overall state wage per employee of \$51,858 in the same period.

The middle layer of the industry measured by employment and payroll consists of 75 firms in with 50 to 250 employees each. These firms comprise only 2.4% of firms in the cluster but account for 24% of employment 22% of total payroll. Average wages among these 75 firms reached \$115,200 in the first quarter of 2021, more than double the overall state average per worker.

There are an additional 9 large firms in the oil and gas cluster with 250 or more employees. These 9 firms represent only 0.3% of firms in the cluster but represent an outsized share of employment (20%) and payroll (45%). These large firms pay far higher wages on average than smaller firms in the cluster, reaching \$282,550 in the period. The high wages paid to workers at the state's largest oil and gas firms underlies much of the economic impact exerted by the industry on the state economy.

| Figure 3. Private Sector Establishments in the Mining Sector by Employment Size (2021Q1) | | | | | | | | | | | |
|--|---------------------|--------|------------|--------|----------------------|--------|------------------------|--|--|--|--|
| Establishment Size | Establish- ments | Share | Employment | Share | Total Annual Wage | Share | Average Annual Wage | | | | |
| <5 employees | 2,139 | 68.7% | 2,722 | 10.2% | \$185,568,000 | 5.5% | \$68,165 | | | | |
| 5 to 9 employees | 417 | 13.4% | 2,695 | 10.1% | 170,920,336 | 5.1% | 63,429 | | | | |
| 10 to 19 employees | 265 | 8.5% | 3,457 | 12.9% | 256,853,832 | 7.6% | 74,292 | | | | |
| 20 to 49 employees | 209 | 6.7% | 6,073 | 22.7% | 502,352,244 | 14.9% | 82,724 | | | | |
| 50 to 99 employees | 50 | 1.6% | 3,185 | 11.9% | 340,861,028 | 10.1% | 107,021 | | | | |
| 100 to 249 employees | 25 | 0.8% | 3,190 | 11.9% | 393,645,152 | 11.7% | 123,387 | | | | |
| 250+ employees | 9 | 0.3% | 5,401 | 20.2% | 1,525,995,832 | 45.2% | 282,557 | | | | |
| All establishments | 3,114 | 100.0% | 26,723 | 100.0% | \$3,376,196,424 | 100.0% | \$126,340 | | | | |

Source: Bureau of Labor Statistics and RegionTrack calculations

Large-Firm Share of Production. A small number of very large firms in the oil and gas extraction sector continue to produce most of the output from the sector (*Figure 4*). Measured by production of oil, the five largest producers contribute 44% of total state output, the top 10 contribute 58%, and the top 25 account for two-thirds of total state oil output. For natural gas, the top five producers generate 39% of state output, the top 10 produce 57%, and the top 25 produce almost 80% of total state natural gas output.

Measuring the combined production of oil and gas on a barrel-of-oil-equivalent (BOE) basis, the five largest producers account for 39% of state oil and gas output, the top ten produce 57% of state oil and gas output, and the top 25 produce 77% of total state oil and natural gas output.

| igure 4. Concentration of Oklahoma Oil and Natural Gas Production | | | | | | | | | |
|---|-------------------------------------|---|---|--|--|--|--|--|--|
| Producers | Share of State Oil Production | Share of State Natural Gas Production | Share of State BOE Oil and Gas Production | | | | | | |
| Тор 5 | 44.0% | 38.8% | 38.9% | | | | | | |
| Тор 10 | 58.2% | 57.0% | 56.6% | | | | | | |
| Тор 25 | 74.7% | 79.4% | 76.6% | | | | | | |
| Тор 50 | 83.3% | 90.2% | 87.2% | | | | | | |
| Тор 100 | 89.4% | 95.6% | 93.1% | | | | | | |

Notes: Production covers the 12 months of data ended November 2021. BOE is barrel-of-oil equivalent production of both oil and natural gas. Natural gas production is converted to oil production using a ratio of 6 Mcf per barrel.

Source: IHS Enerdeq

Trends in the Cluster

The long-run revitalization of the state's oil and gas cluster underway since 2003 paused in 2020 during the pandemic driven global recession. Reduced demand for energy and overextended supply created challenging conditions for the industry. Oklahoma's oil and gas cluster contracted substantially in 2020 as drilling and exploration collapsed and production of crude oil and natural gas was curtailed in response to low energy prices.

Figures 4 and 5 provide a historical profile of economic activity in the cluster over the past two decades including the pullback in industry activity in 2020.

Industry Growth. GDP produced by firms in the cluster fell to only \$19.0 billion in 2020, the lowest output level for the cluster since 2005 (*Figure 5a*). Cluster GDP was down nearly 50% from the recent peak of \$37.4 billion in 2018. GDP produced in 2020 was more reflective of the \$22.0 billion produced during the Great Recession period in 2009.

Earnings paid to households was far less affected by the industry contraction. Earnings of \$16.5 billion roughly matched the averaged reported for the 2017 to 2019 period (*Figure 5b*). The stability in earnings produced by the sector aided the overall state economy in 2020. Proprietor earnings were stronger than expected in 2020, exceeding the average in the 2017 to 2019 period. Wage and salary earnings were more reflective of the overall industry contraction, falling by nearly 25% to \$5.4 billion in 2020.

Total employment in the oil and gas cluster continued its slide underway since 2013 (*Figure 5c*). The downtrend accelerated in 2020, falling 18% to only 85,060 total workers. Most of the contraction since 2013 is in the number of self-employed proprietors. More recently, the drop in wage and salary workers was most significant, falling 29% to only 39,600 in 2020.

Current total hiring is the lowest in the cluster since 2006 while wage and salary hiring is the lowest yearly total since 2004. At the depths of the recession in late 2020, wage and salary employment in the traditional sectors of the cluster fell below 24,900 on a monthly basis, the lowest level in the modern era of oil and gas production in Oklahoma.

Traditional vs. Ancillary Sectors. Most of the contraction in GDP in 2020 took place in the traditional drilling, extraction, and support sectors, falling by more than half from 2019 levels (*Figure 6a*). The ancillary sectors posted a far smaller 10.6% decline in GDP in 2020.

Earnings and employment were also hit disproportionately hard in the traditional sectors (*Figures 6b-d*). Household earnings dropped 18% in the traditional drilling, extraction, and support sectors versus only 4% in the ancillary sectors.

Similarly, the traditional sectors lost more than 18,000 total jobs (-20%), including 15,000 wage and salary positions (-36%); the ancillary sectors lost only 750 total jobs (-5%) with nearly all wage and salary positions.



Figure 5. Historical Profile of Oklahoma's Oil and Gas Cluster







Oklahoma's Oil and Gas Economy

III. Oklahoma Oil and Gas Production

Long-Run Production Trends

Despite the pullback in activity in the state's oil and gas cluster in 2020, production of crude oil and natural gas in Oklahoma remains in a significant long-run expansion. Both crude oil and natural gas production remain well above lows from the early 2000s.

2020 Production. State oil production pulled back to 171.7 million barrels in 2020, a 20.4% decline from record production of 215.6 million barrels in 2019 (*Figure 7*). State oil output remains nearly triple the 61.3 million barrels produced at the recent low in 2005. However, this leaves state oil production in 2020 nearly 40% below the all-time high of 278 million barrels in 1927 during the early boom days of the industry (see Figure 8).

Natural gas production fared far better, falling only 8.2% in 2020 to 2.79 trillion cubic feet (Tcf) in 2018 (*Figure 7*). State natural gas output remains nearly 25% above the prior historical high of 2.26 Tcf set in 1989. State natural gas production also remains nearly 80% above the recent bottom in production in 2003.

2021 Production. Current state production levels reported by EIA through September 2021 suggest state crude oil output remains in a downtrend and is running about 20% below 2020 levels year-to-date. Annualized production through the remainder of 2021 at this rate would total 138.2 million barrels. For comparison, U.S. oil production fell from 13.0 million barrels per day to only 9.7 million barrels in the first half of 2020. Recent production is reported at 11.4 million barrels per day in October 2021, or exactly half the lost production recovered to date.

For natural gas, state production through September of 2021 has leveled off about 10% less than 2020 year-to-date production. Annualized production through the end of 2021 is equivalent to 2.52 Tcf of natural gas. For comparison, U.S. natural gas production fell from 103.1 billion cubic feet (Bcf) per day in March 2020 to 92.4 Bcf per day in February 2021, a 10.4% decline. Recent production is reported at 103.2 Bcf per day in August 2021, marking approximately full recovery in U.S. natural gas production.

State crude oil and natural gas production are likely to fall across consecutive years in 2020 and 2021, with oil falling by approximately 35% and natural gas falling by 17% across the period.

U.S. Production Outlook. Current EIA forecasts suggest U.S. crude oil and natural gas production will rise steadily through the end of 2022.³ EIA's most recent oil production outlook calls for an increase in output through the end of 2021 to 12.25 million barrels per day, up 7.5% from the October 2021 level. EIA forecasts for U.S. natural gas production suggest output of 106.7 Bcf per day by the end of 2022, up 3.4% from the August 2021 level.



Figure 7. Oklahoma Oil and Gas Production Trends

Source: U.S. Energy Information Administration and RegionTrack calculations



Source: U.S. Energy Information Administration

Total BOE Production. Based on a physical barrel-of-oil-equivalent (BOE) basis, total production of oil and natural gas in Oklahoma fell to 636.1 million barrels equivalent in 2020, down 12% from the record high of 721.6 BOE produced in 2019 (*Figure 9a*). Record BOE levels have been produced steadily the past two decades, leaving current BOE production almost double the low from 2003.

Natural gas remains the largest component of total state output by barrel-equivalent volume, with approximately 73% (464.4 million BOE) of total state output volume in 2020 (*Figure 9b*). The 171.7 million barrels of crude oil produced statewide comprised the remaining 27% of BOE production. This reflects a three-percentage point gain in the share of natural gas production volume relative to oil from 2019 to 2020.



Notes: Natural gas is converted to barrels equivalent using 6 mcf of natural gas per barrel of oil. Source: U.S. Energy Information Administration and RegionTrack calculations

Market Value of Oil and Gas Production

Oklahoma's oil and gas producers continue to face an environment of significantly lower market prices since the collapse in energy prices in 2014 and 2015 (Figures 10b and 10c). The generally low-price environment has offset much of the expected positive effects of longrun volume gains on the total value of production. The pandemic affected both production volume and price as total value of state oil and gas production dropped to only \$9.5 billion in calendar year 2020, the lowest value since 2002 (see Figure 9a). Total production value dropped 51% relative to the \$19.6 billion produced in 2019.



Figure 10. Value of Oklahoma Crude Oil and Natural Gas Production

Notes: All production estimates are derived from EIA data. Production of crude oil is based on EIA estimates of field production. The price of oil is based on the first purchaser price at the state level. Production of natural gas is based on EIA estimates of marketed production. The price of natural gas is from EIA through 2011 and from the Oklahoma Tax Commission from 2012 to 2020.

Source: U.S. Energy Information Administration, NGI, Oklahoma Tax Commission, and RegionTrack calculations

By commodity type, crude oil production in 2020 was valued at \$6.4 billion, down 45% from \$11.8 billion in 2019 as both falling production volume and weak oil prices weighed on value (*Figure 10b*). Crude oil prices in the state averaged only \$37.05 per barrel in 2020, the lowest price since 2003. State natural gas production value dropped to \$3.1 billion in 2020, down 60% from \$7.8 billion produced in 2019 and the lowest valuation in more than two decades. The steep decline in production value is traced to the lowest natural gas prices in the state in more than two decades (*Figure 10c*). State natural gas prices averaged only \$1.11 per Mcf in 2020 under a combination of pandemic conditions and surging state production.

State Production Trends and Rankings

Oklahoma remains a key component of the nation's energy infrastructure and a leader among the oil and gas-producing states. The state's output of 171.7 million barrels of crude oil and 2.79 Tcf of natural gas in 2020 continue to rank among the leading states (*Figure 11*). Oklahoma ranked 4th in crude oil production with a 4.2% share of total U.S. output and 4th in natural gas production with a 7.7% share of U.S. output in 2020. The state's shares of U.S. production are down from a 5.0% share of oil and a 9.0% share of natural gas in 2018.

Oklahoma trails Texas, North Dakota, and New Mexico in crude oil production and Texas, Pennsylvania, and Louisiana in natural gas production. The state has experienced some shift in the rankings following the pullback in the industry in 2020. The state's position as the third largest natural gas producer was ceded to Louisiana in 2018 following strong natural gas gains.

Measured by barrel-of-oil equivalent⁴ production of both crude oil and natural gas, Oklahoma is ranked 4th among the producing states in 2020 with a 6.3% share of total U.S. output. This share is down from 7.3% in 2018. Oklahoma trails New Mexico by about 60 million BOE in total production and leads both large oil producer North Dakota and large gas producer Louisiana by about 50-60 million BOE in total production. The state's overall position as 3rd largest producer was assumed by New Mexico in 2018 following very strong oil gains.

| Fi | Figure 11. Leading Crude Oil and Natural Gas-Producing States (2020) | | | | | | | | | | | |
|----|--|--------------|-------|----|---------------|--------------|-------|----|---------------|------------|-------|--|
| | | Crude Oil | U.S. | | | Natural Gas | U.S. | | | Oil & NG | U.S. | |
| | State | (thou. bbls) | Share | | State | (million cf) | Share | | State | (BOE) | Share | |
| 1 | Texas | 1,776,449 | 43.0% | 1 | Texas | 9,336,110 | 25.8% | 1 | Texas | 3,332,467 | 32.8% | |
| 2 | North Dakota | 434,889 | 10.5% | 2 | Pennsylvania | 7,148,295 | 19.7% | 2 | Pennsylvania | 1,196,915 | 11.8% | |
| 3 | New Mexico | 370,402 | 9.0% | 3 | Louisiana | 3,206,163 | 8.9% | 3 | New Mexico | 695,097 | 6.8% | |
| 4 | Oklahoma | 171,740 | 4.2% | 4 | Oklahoma | 2,786,366 | 7.7% | 4 | Oklahoma | 636,134 | 6.3% | |
| 5 | Colorado | 167,832 | 4.1% | 5 | West Virginia | 2,592,319 | 7.2% | 5 | North Dakota | 581,963 | 5.7% | |
| 6 | Alaska | 163,852 | 4.0% | 6 | Ohio | 2,378,902 | 6.6% | 6 | Louisiana | 571,069 | 5.6% | |
| 7 | California | 143,114 | 3.5% | 7 | Colorado | 1,990,462 | 5.5% | 7 | Colorado | 499,576 | 4.9% | |
| 8 | Wyoming | 89,091 | 2.2% | 8 | New Mexico | 1,948,168 | 5.4% | 8 | West Virginia | 451,112 | 4.4% | |
| 9 | Louisiana | 36,708 | 0.9% | 9 | Wyoming | 1,306,368 | 3.6% | 9 | Ohio | 420,303 | 4.1% | |
| 10 | Utah | 30,951 | 0.7% | 10 | North Dakota | 882,443 | 2.4% | 10 | Wyoming | 306,819 | 3.0% | |
| 11 | Kansas | 28,260 | 0.7% | 11 | Arkansas | 480,982 | 1.3% | 11 | Alaska | 220,240 | 2.2% | |
| 12 | Ohio | 23,819 | 0.6% | 12 | Alaska | 338,329 | 0.9% | 12 | California | 171,544 | 1.7% | |
| 13 | West Virginia | 19,059 | 0.5% | 13 | Utah | 241,989 | 0.7% | 13 | Arkansas | 84,307 | 0.8% | |
| 14 | Montana | 18,985 | 0.5% | 14 | California | 170,579 | 0.5% | 14 | Utah | 71,283 | 0.7% | |
| 15 | Mississippi | 14,166 | 0.3% | 15 | Kansas | 163,356 | 0.5% | 15 | Kansas | 55,486 | 0.5% | |
| | U.S. Total | 4,129,563 | | | U.S. Total | 36,202,446 | | | U.S. Total | 10,163,304 | | |

Notes: Natural gas is converted to barrels-of-oil-equivalent using a ratio of 6 Mcf of natural gas per barrel of oil. Source: U.S. Energy Information Administration and RegionTrack calculations





State Crude Oil Production Trends. Production in nearly every producing state was hard-hit in 2020 during the pandemic. However, the trend in production coming out of the downturn varies greatly across the producing states.

Dominant producer Texas has managed steady gains in the post-Covid period through August 2021. The state had annualized production of nearly 2 billion barrels per year prior to Covid (Figure 12a) before falling to 1.6 billion barrels annually. Texas has since recovered about half its lost oil production.

North Dakota, the 2nd ranked oil producer, reached a record pace of more than 500 million barrels annually prior to Covid before seeing production decline by nearly 40% in the first half of 2020 (Figure 12b). Only about one-third of North Dakota's lost oil production has been recovered.

New Mexico has fared far better in the aftermath of Covid when production dropped by 25%. The state has since seen production surge more than 25% above the pre-Covid level, the strongest rebound among the oil-producing states (*Figure 12c*).

Conversely, production in the traditional oil-producing states of California and Alaska was little changed by Covid. These two states remain mired in a steady downtrend and have made no progress in halting their oil production declines in the era of unconventional production (*Figure 12b*). Both states are now producing at a rate of less than 150 million barrels annually and have been surpassed in recent years by New Mexico, Oklahoma, and Colorado in oil production.

Colorado has closely tracked Oklahoma's production trend and surpassed Oklahoma in the five most recent months of production.

Smaller oil producer Wyoming experienced a roughly 30% drop in production post-Covid. The state has since seen little sustained recovery in oil production.

State Natural Gas Production Trends. U.S. natural gas production has fully rebounded from the Covid period, and many producing states are now experiencing strong production gains.

Dominant gas producers Texas and Pennsylvania remain in a steady uptrend, with Texas slightly below its pre-Covid level and Pennsylvania at record highs (*Figure 13a*). In contrast to onshore activity, gas production from the Gulf of Mexico remains in a slow downtrend.

Among a second tier of major gas producers, Louisiana, West Virginia, and New Mexico are posting large and sustained gains in natural gas output through August 2021(*Figure 13b*).

Oklahoma and Ohio have seen a leveling off in natural gas production well below pre-Covid levels. Colorado and Wyoming continue to see declining production of natural gas through August 2021.







(b) Second Tier Major Producers



Source: U.S. Energy Information Administration and RegionTrack calculations

Royalties Follow Production Drop

Total royalty payments from state oil and gas production totaled an estimated \$1.9 billion in 2020, a decline of 50% from 2019 (*Figure 14*). The softness reflects both weak market prices and declining production of both crude oil and natural gas.

Of the \$1.9 billion in total payments, an estimated \$1.3 billion (68%) was received by Oklahoma-based recipients, with the remaining \$600 million (32%) accruing to recipients outside the state.⁵

Total royalty payments to state residents in 2020 are comparable to those received in 2004 and 2009.

Since the reemergence of the industry began in 2003, estimated royalty payments to Oklahoma residents from state production have totaled \$35.3 billion and averaged \$2.0 billion annually. For long-term comparison, current royalties of \$1.3 billion paid to Oklahoma residents in 2020 are more than double the \$610 million annual average from 1990 to 2002 prior to the reemergence of the industry.





Source: Royalty rates and residency shares are derived from proprietary firm reports of royalty amounts and recipient addresses. Market values of production used in estimating royalty payments are based on calendar year production values in Figure 10a.

Oil and Gas Exports Slow

Oklahoma remains a significant exporter of both crude oil and natural gas outside the state. From an economic policy perspective, producing exports for external consumption is a far more significant economic event for the state economy than producing for in-state consumption.

Crude Exports. The decline in oil state oil production in 2020 is reflected in weak net oil exports from the state. After posting record oil exports of 115.2 million barrels 2019, exports dropped 40% to only 69.3 million barrels in 2020 (*Figure 15a*). Oil exports comprised approximately 40% of total state oil production in the period. Continued weakness in oil production estimates through the third quarter of 2021 suggest that the state's oil export position eroded even further in 2021.

Natural Gas Exports. Natural gas exports fared far better than oil in 2020, falling a little more than 10% from a record high of 2.20 Tcf in 2019 to 1.97 Tcf in 2020 (*Figure 15b*). Current natural gas exports remain roughly double the 1.1 Tcf reported in 2008, the point at which state natural gas production began to ramp up. The state's natural gas export share is approximately 70% of total state natural gas output.



Notes: Net exports are measured as state production minus state consumption as defined by EIA. Source: U.S. Energy Information Administration and RegionTrack calculations

Export Value. The market value of oil and gas exports from Oklahoma totaled an estimated \$6.6 billion in 2020.⁶ The 69.3 million barrels of exported oil are valued at \$2.6 billion, approximately 39% of the total export value. The 1.97 Tcf of state natural gas exports are valued at \$4.0 billion and represent 61% of the total value of oil and gas exports from the state. Combined oil and gas exports totaled \$6.6 billion in 2020, approximately 70% of the \$9.5 billion in total value of oil and gas produced in Oklahoma in 2020.

Pipelines Remain Key Component of Cluster

Pipeline Industry Contribution. Rising energy production has led to significant added pipeline-related activity in Oklahoma in recent years. In 2020, the pipeline sector consisted of 181 firms that produced \$5.8 billion in GDP (*Figure 1*). The numerous partnerships and other business entities operating pipelines in the state employed more than 3,400 total workers in 2020 (*Figure 16*). Employment includes 3,300 wage and salary workers earning an average of \$174,267 in compensation and more than 100 self-employed proprietors with \$5.0 billion in earnings from their interest in pipeline firms. Wage and salary employment has more than doubled since the reemergence of the oil and gas industry in 2003.



Pipelines accounted for the second largest share (33.5%) of GDP produced in the state's oil and gas cluster in 2020, trailing only oil and gas extraction (NAICS 211). Longer-term, the pipeline sector has posted a more than 20-fold increase in GDP since the state's oil and gas industry began to reemerge in 2003.

Pipeline Proprietor Earnings. Earnings received by self-employed proprietors in the pipeline sector totaled \$5.0 billion in 2020 (*Figure 17*). This represents 45% of total proprietor income earned in the state oil and gas cluster. Proprietors' earnings in the pipeline sector accelerated sharply beginning in 2013 and have averaged \$6.8 billion annually through 2020. This income has provided a significant boost to overall state household income the past decade.⁷



IV. Drilling and Exploration Activity

Many segments of the state's oil and gas cluster are historically highly capital-intensive and have become increasingly so in recent years. The investment activity in the oil and gas cluster can easily sway overall statewide capital investment activity. Within the cluster, most investment in recent years is tied to either traditional drilling and production activity or the development of pipelines. The share of pipelines has risen substantially since 2013. The remaining sectors in the state's oil and gas cluster account for far smaller amounts of ongoing fixed private investment.

Investment in the Oil and Gas Cluster

The oil and gas cluster remains a key source of private investment in the Oklahoma. A pullback in drilling began in 2019 and intensified with the outbreak of Covid. Estimates of investment for the mining and pipeline sectors are shown relative to all other sectors combined statewide in Figure 18 in the 1990 to 2020 period.⁸ The broader mining sector is used in the estimates rather than the traditional oil and gas sector for greater consistency with national databases on fixed investment. However, approximately 97% of mining sector activity in Oklahoma is within the traditional oil and gas sectors of the cluster.



Notes: Fixed investment includes structures, equipment, and intellectual property. State-level capital at the industry level is estimated using the approach of Garofalo and Yamarik (see endnotes).

Source: U.S. Bureau of Economic Analysis and RegionTrack calculations

The estimates indicate that of the \$29.0 billion in total private investment made in the state in 2020, \$9.2 billion (32%) was made by firms in the state's mining and pipeline sectors. All other state industries combined made investments totaling \$19.8 billion in 2020, or slightly more than two-thirds of total state investment (68%).

Capital investment in the mining and pipeline sectors has been subdued since 2016 relative to peaks in the prior decade under pressure from lower crude oil and natural gas prices.

Average annual investment in mining and pipelines has averaged only \$11.6 billion annually versus \$19.4 billion annually in the decade from 2006 to 2015. Prior to the reemergence of the industry in 2003, total investment spending in these two sectors averaged only about \$2 to \$3 billion annually in the 1990 to 2002 period.

Since the industry began to reemerge in 2003, the mining and pipeline sectors of the oil and gas cluster in Oklahoma have made cumulative investments of an estimated \$273 billion, or an average of \$15.2 billion annually. This is consistent with Oklahoma capturing a roughly 6-12% share of total domestic investment in traditional oil and gas activity and pipelines in recent years.⁹ Oklahoma captured 6.4% of domestic investment in mining and pipelines in 2020.

The share of total state private investment taking place through the mining and pipeline sectors dropped to 31.8% in 2020. The current share is just below the average share of 34% since 2016 following the downshift to lower energy prices in 2014 and 2015. Despite the slowing in investment, the state's oil and gas cluster remains the largest single source of capital spending in Oklahoma, by a substantial margin.¹⁰



Figure 19. Mining and Pipeline Share of Total State Private Fixed Investment – Oklahoma

Notes: Fixed investment includes structures, equipment, and intellectual property. State-level capital at the industry level is estimated using the approach of Garofalo and Yamarik (see endnotes above). The oil and gas cluster share includes the mining and pipeline sectors. Source: U.S. Bureau of Economic Analysis and RegionTrack calculations

Drilling and Completion Activity

Rig Counts. The number of drilling rigs operating in Oklahoma slowed sharply in 2019 under pressure from falling energy prices. The count peak at 145 rigs before falling to about 50 rigs prior to the onset of Covid (*Figure 20*). As Covid spread, the rig count in the state plummeted to a low of only 10 rigs in mid-year 2020, the lowest rig count in the state in the modern oil and gas era. The rig count bottomed in early 2021 and has since made a modest recovery to just above 40 rigs. The count remains 70% below the recent 2019 peak and 80% below the post-Oil Bust peak of 214 rigs in late 2014.



Source: Baker-Hughes and RegionTrack calculations

Currently, the state's 7.7% share of U.S. rigs is near historical lows after hovering near historical highs of approximately 14% as recently as 2018. The share of U.S. rigs fell to a low of only 3.6% immediately post-Covid, the lowest share for the state in the modern drilling era.

Drilling and Completions. EIA data on drilling and completions in the Anadarko Basin (which includes the most active drilling counties in western Oklahoma and the north tip of the Texas Panhandle) indicates a bottom in drilling activity in the 4th quarter of 2020, with steady but moderate gains through October 2021 (*Figure 22a*). Only 10 wells per month were drilled in the Summer of 2020 under pressure from the pandemic-driven collapse in global oil demand. Wells drilled in the Anadarko have since rebounded slowly and topped 40 per month in the most recent data through October 2021.

Completions in the Anadarko have been far stronger since late 2020, rising from a dozen or so wells completed monthly in the Summer of 2020 to more than 50 completions per month currently (*Figure 22a*). Completions remain only about one-third the peak rate of 150 wells completed per month in early 2019.

Activity Shifts to Wells Drilled but Uncompleted (DUC). Producers in the Anadarko Basin have been steadily depleting the inventory of drilled but uncompleted (DUC) wells since early 2019 (*Figure 22b*). The number of DUCs in the Anadarko region reached a record high of 1,109 in early 2019 and has since fallen steadily to only 799 in October 2021. The pace of DUC completions picked up sharply beginning in the second half of 2019, with firms conserving drilling budgets amid the national recession and continued uncertainty over the pandemic. The continued reduction in the number of DUC wells underlies much of the relatively weak rebound in drilling so far in 2021, despite the unexpectedly strong rebound in oil and gas prices in 2021.



Notes: The Anadarko Basin as defined and tracked by EIA contains counties primarily located in the SCOOP and STACK formations in west central Oklahoma, two counties in the Oklahoma Panhandle, and five counties in the northeast tip of the Texas panhandle. Source: U.S. Energy Information Admiinistration

Proved Reserves

Oklahoma remains home to substantial reserves of both crude oil and natural gas. Figure 23 provides the most recent EIA estimates of 2019 proved reserves in Oklahoma versus other top producing states.

For crude oil, Oklahoma continues to rank 6th among the states with 2.05 billion barrels in proved reserves (see Figure 23a). This slightly trails traditional large crude producers Alaska and California but is well ahead of traditional oil producers Colorado, Wyoming, Louisiana, and Kansas. State production of 171.7 million barrels in 2020 represents about 8.4% of the state's 2019 proved oil reserves.



Notes: Crude oil reserves include both crude oil and lease condensate. Natural gas reserves include both dry gas and liquids. Source: U.S. Energy Information Administration

Oklahoma's 35.8 Tcf of natural gas reserves ranks 5th among the major producing states (*Figure 23b*). Dominant gas producers Texas and Pennsylvania are both home to more than 100 Tcf of proved natural gas reserves, roughly triple or more the level in Oklahoma. West Virginia and Louisiana both moved ahead of Oklahoma in the natural gas reserve rankings for 2019.

Oklahoma continues to lead Ohio by a small margin but remains well ahead of Colorado, New Mexico, and Wyoming. State production of 2.79 Tcf of natural gas in 2020 represents about 7.8% of the state's 2019 proved reserves.

In terms of natural gas reserves in shale formations, Oklahoma continues to rank 6th among the producing states with 20.9 Tcf in proved reserves in 2019 (*Figure 24*). Shale gas represents nearly 60% of the total proved natural gas reserves in Oklahoma.



Source: U.S. Energy Information Administration

V. Oil and Gas Cluster Share of Total State Economic Activity

The Oklahoma oil and gas cluster continues to make an outsized economic contribution to the Oklahoma economy. This section of the report evaluates two key measures of the economic influence of the sector. The first evaluates the contribution of the oil and gas cluster to state real GDP growth over time. The second measures the share of total household earnings paid by firms operating in the cluster in recent years.

Oil and Gas Cluster Contribution to State GDP Growth

Since the reemergence of the domestic oil and gas industry beginning in 2003, the oil and gas cluster has been the largest contributor to economic growth in Oklahoma across all major sectors, by a substantial margin. Figure 25 summarizes industry-level measures of the contribution of each major NAICS sector to real GDP growth in Oklahoma from 2003 through 2020.



Notes: The mining sector is used in this section to represent traditional oil and gas activity because the Bureau of Economic Analysis makes these calculations readily available only for major NAICS sectors. The oil and gas sector represents nearly all mining sector activity in Oklahoma. Source: Bureau of Economic Analysis

The three major components of the oil and gas cluster – mining (primarily the traditional oil and gas sectors), pipelines, and refineries – are highlighted in Figure 25 to illustrate the relative rankings and contributions of these components of the oil and gas cluster to total state growth.

Across the full period, the Oklahoma economy posted average real GDP growth of 2.08% annually. The private sector contributed 1.92% of total growth, while government added 0.17%.

The mining sector alone contributed nearly half (1.00% annually) of all real GDP growth in the state in the period. This is the largest contributing sector in the state in the period.

The pipeline industry produced the 4th largest contribution to real GDP growth in the period, with a 0.13% annual contribution. Refineries (i.e., petroleum and coal products manufacturing in Figure 25) contributed an additional 0.04% to annual real state GDP growth in the period.

Combined, the mining, pipeline, and refinery components of the state oil and gas cluster contributed an average of 1.17% per year to real state GDP since 2003. This represents more than half (56%) of total real growth in the state in the period. All other sectors combined contributed only 0.91% annually in the period, or less than half (46%) of the total increase in real GDP in Oklahoma since the reemergence of the oil and gas sector in 2003.

The state's mining sector far outpaced the contribution of all other major sectors. The GDP produced in mining far exceeded the contribution of the 2nd ranked Real Estate (0.20% annually) and 3rd ranked Transportation and Warehousing (0.16% annually) sectors.

The 0.13% contribution of the Pipeline sector exceeded that produced by all other remaining sectors including Health Care (0.12% annually).

No other industry sectors contributed 0.1% or more to GDP annually in the period. Many industries contribute negligible amounts to overall state real GDP growth in the period.

Oil and Gas Share of Household Earnings

The influence of oil and gas activity on the state economy is closely tied to the high share of total household earnings derived directly from the state's oil and gas cluster. Household earnings includes both the compensation paid to wage and salary workers and income received by self-employed proprietors and participants in oil and gas partnerships.

Firms in the oil and gas cluster provided \$16.5 billion in earnings to households across the state in 2020. This equates to 12.8% of total household earnings statewide (*Figure 26*). The share of earnings pulled back slightly in 2020 from 14.5% in 2019 due to the pandemic's disproportionate effect on the oil and gas industry. Again, the cluster represents only 3.6% of all firms statewide and 3.8% of total statewide employment but accounts for 12.8% of total household income.

The environment of lower energy prices faced by the industry has worked to keep the earnings share well below the peak rates of nearly 20% in 2013 and 2014. The share also neared 20% in 2008 during a period of elevated energy prices. The share in 2020 is only slightly below the 13.2% average in the 2016 to 2020 period.



Notes: Household earnings is defined by Bureau of Economic Analysis as employee compensation plus proprietors' income. Proprietor's income consists primarily of the income of sole proprietors and partnerships.

Source: Bureau of Economic Analysis and RegionTrack calculations
VI. Economic Spillovers from Oil and Gas

The direct activity taking place within the state's oil and gas cluster produces a substantial economic contribution to the state economy. In 2020, the 4,041 firms in the cluster directly produced \$19 billion in gross domestic product, \$16.5 billion in household earnings, and employed 85,050 wage and salary and self-employed workers. Like all industry sectors, the state's oil and gas cluster has a strong degree of economic interdependence with the other components of the state economy. In this section, we provide estimates of the economic spillover activity and gross contribution of the oil and gas cluster to the overall state economy.

Modeling Regional Linkages. The direct production within the oil and gas cluster creates measurable spillover activity that can be measured in the form of GDP (or value added), employment, and household earnings created as spillover effects in other sectors of the economy. Estimates of spillover effects from the cluster are formed using RIMS II input-output multipliers produced by the U.S. Bureau of Economic Analysis (BEA).¹¹ RIMS II multipliers provide model-based estimates of the impact that a local final demand shock has on total value added, earnings, and employment within a region.¹² The multipliers can also be used to estimate an industry's total (or gross) contribution to the state economy.

The approach uses the direct activity of firms operating within the cluster along with a model of the flow of expenditures between businesses, households, and the government sector within the state.¹³ The spillover activity occurs as firms in the oil and gas cluster purchase goods and services from firms in other sectors of the economy. In other words, the multipliers provide a convenient method for estimating the spillover effects that a change in *GDP*, *employment*, or *earnings* within the oil and gas cluster may have on broader state economic activity.

To accommodate the various activities taking place within the oil and gas cluster, data for each component of the cluster are matched by natural business segment to the RIMS II industry structure. The individual effects of each sector of the cluster are estimated and then aggregated to determine the overall cluster effect.¹⁴

| | | Direct Effec | ts | Indire | ct & Induce | d Effects | | Total Effec | ts | | | | |
|-------------------------------------|----------|------------------|---------|----------|-------------|-----------|----------|-------------|---------|--|--|--|--|
| | | House- | Total | | House- | Total | | House- | Total | | | | |
| | | hold | Employ- | | hold | Employ- | | hold | Employ- | | | | |
| Cluster Sector | GDP | Earnings | ment | GDP | Earnings | ment | GDP | Earnings | ment | | | | |
| Oil & Gas Extraction | \$9,193 | \$7 <i>,</i> 893 | 52,223 | \$7,446 | \$6,946 | 90,346 | \$16,639 | \$14,839 | 142,569 | | | | |
| Oil & Gas Drilling | 195 | 238 | 2,173 | 158 | 209 | 3,759 | 353 | 447 | 5,932 | | | | |
| Oil & Gas Support Activities | 1,127 | 1,377 | 16,567 | 1,330 | 1,033 | 22,200 | 2,457 | 2,410 | 38,767 | | | | |
| Refineries | 1,408 | 730 | 2,160 | 1,873 | 810 | 4,406 | 3,281 | 1,540 | 6,566 | | | | |
| Other Petroleum & Coal Prod. Mfg. | 267 | 138 | 645 | 355 | 153 | 1,316 | 622 | 291 | 1,961 | | | | |
| Oil & Gas Field Mach. & Equip. Mfg. | 814 | 535 | 6,365 | 757 | 637 | 12,666 | 1,571 | 1,172 | 19,031 | | | | |
| Pipelines | 5,847 | 5,542 | 3,415 | 1,930 | 4,655 | 8,913 | 7,777 | 10,197 | 12,328 | | | | |
| Geophysical Survey. Mapping | 103 | 93 | 1,510 | 91 | 56 | 1,374 | 194 | 149 | 2,884 | | | | |
| Oil and Gas Cluster – Total | \$18,954 | \$16,546 | 85,058 | \$13,939 | \$14,499 | 144,981 | \$32,893 | \$31,045 | 230,039 | | | | |
| Traditional Oil and Gas Sectors | 10,515 | 9,508 | 70,963 | 8,934 | 8,188 | 116,305 | 19,449 | 17,696 | 187,268 | | | | |
| Ancillary Sectors | 8,439 | 7,038 | 14,095 | 5,005 | 6,311 | 28,676 | 13,444 | 13,349 | 42,771 | | | | |

Figure 27. Gross Economic Contribution - Oklahoma Oil and Gas Cluster (2020)

Source: Bureau of Economic Analysis: RIMS and RegionTrack calculations

Gross Economic Contribution of the Oil and Gas Cluster.¹⁵ Gross economic spillover impacts resulting from the operation of the state's oil and gas cluster in 2020 are detailed in Figure 27. Included are estimates of the amount of statewide employment, household earnings, and value added (GDP) supported by firms in the oil and gas cluster, both directly and through spillover effects.¹⁶

The overall results in Figure 27 suggest that the operations of the oil and gas cluster along with its spillover effects have a sizeable influence on the broader state economy. In total, the state's oil and gas cluster supported an estimated \$32.9 billion in state GDP, \$31.0 billion in household earnings, and 230,040 jobs in 2020.

GDP. The \$32.9 billion in total state GDP is the broadest measure of the total economic contribution of the cluster and can be partitioned into direct, indirect, and induced effects.¹⁷ The *direct* effect includes \$19.0 billion in GDP generated directly by the cluster. The direct output of the cluster in turn supports an incremental \$13.9 billion in indirect and induced output in other industries statewide. In other words, each dollar of direct output within the cluster supports an additional \$0.74 in estimated GDP statewide. The *indirect* effect is the economic output generated in the state resulting from spending by firms in the cluster on goods and services for production or to fund capital expenditures. The *induced* effect reflects the economic output generated in other sectors of the state economy resulting from new household spending in the state out of household earnings received as part of the direct and indirect effects. The \$32.9 billion in estimated SDP supported by the activity of firms in the oil and gas cluster represents 17.5% of total statewide GDP in 2020.

Household Earnings. The total impact of \$31.0 billion in household earnings supported by the cluster's activities and expenditures can also be partitioned into direct, indirect, and induced effects. The *direct* effect is the \$16.5 billion in earnings paid directly to employees and self-employed proprietors in the cluster. The direct earnings support an incremental \$14.5 billion in indirect and induced earnings for workers in other industries statewide. Each dollar of direct earnings by cluster employees and proprietors supports an additional \$0.88 of household earnings statewide. The *indirect* effect is the earnings paid in the state resulting from expenditures on goods and services by the cluster. The *induced* effect reflects the earnings paid in other sectors of the state economy resulting from new household spending in the region out of earnings received as part of the direct and indirect effects. The \$31.0 billion in estimated gross household earnings supported by the activity of firms in the oil and gas cluster represents 24.0% of total statewide household earnings in 2020.

Employment. Measured by direct employment, 85,050 employees worked as either wage and salary workers or self-employed proprietors in the Oklahoma oil and gas cluster in 2020. This employment supports an additional 144,980 jobs statewide through estimated indirect and induced effects. The *indirect* effect is the employment generated across the state as a result of spending by the cluster on goods and services. The *induced* effect reflects the employment generated in other sectors of the economy resulting from new household spending in the state out of household earnings received as part of the direct and indirect effects. In total, the operations of the oil and gas cluster directly and indirectly support more than 230,000 jobs statewide. The estimated 230,000 workers supported by the activity of firms in the oil and gas cluster represent 10.2% of total statewide employment in 2020.

VII. Tax Contributions of the Oil and Gas Industry

Oklahoma's oil and gas cluster continues to make significant state and local government tax payments. Gross production taxes (comprised of severance taxes plus excise tax payments on the production of crude oil and natural gas) remain a significant source of tax revenue to state and local governments in Oklahoma. These taxes are based on the value of oil and natural gas production and are subject to significant volatility as commodity prices and oil and natural gas output fluctuate over time.

Firms in the cluster also pay significant ad valorem taxes on assets located in the state. These taxes are used for many dedicated state and local expenditures, primarily public education.

Measured more broadly, the cluster pays a high share of all business taxes paid in the state.

The overall tax contributions of firms in the state's oil and gas cluster are reviewed throughout this section of the report.

Gross Production Taxes

Gross production tax revenue declined sharply beginning in FY2020 as the pandemic pushed oil and natural gas prices lower and weighed on state oil and gas production (*Figure 28*). Total gross production taxes fell to \$799 million in FY2020, a nearly 30% decline from a near-record \$1.13 billion in FY2019. Gross production tax payments fell an additional 10% to \$720 million in FY2021.

Low prices for both crude oil and natural gas weighed heavily on the value of production and gross production taxes in both FY2020 and FY2021. Crude oil prices averaged less than \$50 per barrel and natural gas prices remained below \$2 per Mcf in both fiscal years. Natural gas prices experienced unusual weakness in the period as surging state production faced severely restricted demand following the onset of Covid restrictions.

Monthly gross production receipts began to accelerate in the second half of calendar year 2021 in response to the rebound in crude oil and natural gas prices. Monthly severance taxes averaged nearly \$100 million per month from July to September 2021.

Effective Gross Production Tax Rate

Figure 29 provides updated effective gross production tax rates for oil and gas production in Oklahoma from FY1999 through FY2021. The effective tax rate is calculated as total gross production tax receipts (net of refunds) divided by the estimated market value of crude oil and natural gas production.¹⁸ Gross production revenue used in the calculation includes both severance and excise taxes on production. Oil and natural gas prices are stated on a fiscal year basis.

The effective gross production tax rate on production in Oklahoma has increased sharply since 2018, from a recent low of 3.0% in FY2017 to 6.0% in FY2019 and 6.8% in FY2020. The effective rate dropped to 5.8% in FY2021 but remained elevated well above 2017 levels. Year-to-year volatility in the effective tax rate reflects differences in timing between the period in which production is valued and the period of receipt of tax payments.



34 | Page

Increased Severance Tax Rate. The rise in the effective rate in recent years since 2018 reflects the implementation of House Bill 1010XX raising severance tax rates in the state. Beginning July 1, 2018, production of crude oil and natural gas from all new wells and all existing wells taxed at the previous 2% rate are taxed at a new 5% rate for the first 36 months of production. All wells revert to a 7% rate after 36 months of production.



Gross Production Tax - Changes in Tax Rates vs. Production

Annual changes in gross production tax collections can be apportioned to either a change in the effective gross production tax rate or a change in the taxable value of production. Annual changes in collections since FY2000 are apportioned to changes in either the effective tax rate or production value in Figure 30. Figure 30a reflects the total change in annual payments while Figure 30b reflects the relative contribution of changes in tax rates and production value.

Beginning in FY2018, rising severance tax collections due to an increase in the effective severance tax rate explain a major share of the change in revenue in the FY2018 to FY2020 period. Tax revenue increases due to a rising effective tax rate totaled \$155 million in FY2018, \$390 million in FY2019, and \$101 million in FY20.

The decline in revenue in FY2020 of \$329 million is split between a \$101 million increase due to a rise in the effective tax rate and a \$430 million decline traced to falling production value (*Figure 30b*). This is roughly opposite the conditions present in FY2019 when a \$430 million rise in severance tax collections is traced almost fully to a rising effective tax rate (\$390 million), with a small positive contribution from an increase in production value (\$39 million).

Most of the pandemic-related valuation effects on gross production taxation were felt in FY2020. In FY2021, the \$79 million decline in gross production receipts is traced to a \$120 million decline tied to a declining effective tax rate and a \$41 million increase tied to rising production value. This behavior is similar to the stability of the two components in FY2017.





 Source: Oklahoma Tax Commission and RegionTrack calculations

 Figure 30. Oklahoma Gross Production Tax – Source of Annual Changes (Fiscal Years)

-500

Severance Taxes Play Key Role in Budget Stabilization

It is important to recognize the critical historical role played by severance taxes as a buffer against recessions and the state's energy-price sensitive economic cycle. Historically, most national recessions are accompanied by elevated energy prices which tend to raise severance taxes to the state and increase the share of the state budget supported by oil and gas production.

This countercyclical budget support is evident in the 1973-75, 1980-83, 2001, and 2007-09 recessionary periods. Similar but smaller budget support is found in earlier recessions in 1954 and 1957. Continued volatility in oil and gas prices and the rising value of oil and gas production suggest that severance taxes are likely to continue to transmit volatility to state tax collections going forward.

Severance tax revenue has long played a key role in budget stabilization through the state's Rainy Day Fund.¹⁹ Historically, deposits to the Fund are highly correlated with years when severance tax receipts exceed budget projections. Figure 31 compares the Rainy Day Fund balance with gross production tax receipts in the FY1994 to FY2021 period. Even after refunds, gross production taxes have supported large contributions to the Fund to stabilize the state budget.

The Rainy Day Fund balance reached nearly \$800 million prior to the pandemic, fueled by strong gross production tax receipts. During the Covid-driven recession, appropriations totaling nearly \$750 million were made from the fund for spending in FY2020 and FY2021. The most recent deposit of \$355 million was made in FY2020, leaving an ending balance of \$303 million in FY2021.



Source: FY2021 Executive Budget for the State of Oklahoma and Oklahoma Tax Commission

Ad Valorem Tax Payments

In Oklahoma, a severance tax is levied in lieu of a local property tax on the value of minerals in the ground. However, local governments in the state have authority to assess ad valorem taxes on the value of other oil and gas-related equipment and infrastructure. This includes gathering lines, processing equipment, and other assets. In addition to firms in the traditional drilling and production sectors, ad valorem tax also extends to assets owned by other sectors of the state's oil and gas cluster, primarily pipelines and refineries.

Statewide Ad Valorem Taxes. Readily available statewide data on oil and gas-related property tax payments in Oklahoma are sparse. Statewide data are available from the Oklahoma Tax Commission for 2012, 2014, 2016, 2018, and 2020 based on valuations as of November 1 for the stated calendar year.

For the state's oil and gas cluster, taxes on five categories of oil and gas-related property available that are identified in Tax Commission reports are used in the analysis. These include: 1) Refineries, Gas Plants, Gathering & Compression; 2) Other Oil, Gas & Mining Property; 3) Distribution Pipeline Companies; 4) Fluid Pipeline Companies; and 5) Gas Pipeline Companies. All pipelines represent centrally assessed property. The remaining categories are taxed as business personal property.

It is important to note that the use of these five property classes to represent the oil and gas cluster substantially understates the total property tax payments made by firms in the cluster. The total excludes buildings and other structures and all other forms of real property, as well as significant personal property used in the operations of oil and gas firms across the state.

Figure 32 illustrates local annual ad valorem tax payments made by firms in the five components of oil and gas cluster from FY2012 to FY2020. Firms in the cluster continue to contribute significant and rising amounts of ad valorem tax revenue at the local level. Payments totaled \$410.3 million in FY2020, up 17% from FY2018 and double the \$204.2 million paid in FY2012.



Notes: Estimates for each fiscal year above are based on assessed valuations and effective millage rates for each county. Selected sectors include Refineries, Gas Plants, Gathering & Compression; Other Oil, Gas & Mining Property; Distribution Pipeline Companies; Fluid Pipeline Companies; and Gas Pipeline Companies. Source: Oklahoma Tax Commission - Ad Valorem Stat Book (various issues)

Figure 33. OK Oil and Gas Cluster - Selected Ad Valorem Tax Payments (FY2020)

| | Centra | ally Valued Prope | rty | Personal P | roperty | |
|------------|---------------------------------------|--------------------------------|------------------------------|--|--|---|
| County | Distribution Pipeline Companies | Fluid Pipeline Companies | Gas Pipeline Companies | Refineries, Gas Plants, Gathering & Compression | Other Oil, Gas & Mining Property | Total Selected Ad Valorem Payments |
| Adair | 0 | 0 | 0 | 0 | 0 | 0 |
| Alfalfa | 32,710 | 915,362 | 167,888 | 1,465,269 | 1,802,664 | 4,383,893 |
| Atoka | 22,837 | 944,738 | 901,018 | 425,142 | 33,976 | 2,327,711 |
| Beaver | 122 | 833,505 | 1,394,442 | 1,165,051 | 31,866 | 3,424,986 |
| Beckham | 112,883 | 120,879 | 1,670,760 | 869,630 | 0 | 2,774,152 |
| Blaine | 36,932 | 547,734 | 188,482 | 2,294,733 | 7,922,081 | 10,989,962 |
| Bryan | 121,167 | 3,896,878 | 2,343,587 | 124,295 | 1,345,360 | 7,831,287 |
| Caddo | 96,091 | 271,778 | 761,495 | 156,781 | 1,381,134 | 2,667,279 |
| Canadian | 614,719 | 2,123,276 | 537,232 | 25,366,133 | 0 | 28,641,360 |
| Carter | 197,178 | 3,811,133 | 643,388 | 7,410,113 | 4,711,007 | 16.772.819 |
| Cherokee | 127 | 0 | 0 | 0 | 0 | 127 |
| Choctaw | 46.564 | 0 | 7.626 | 0 | 0 | 54.190 |
| Cimarron | 0 | 738,297 | 415,577 | 200,162 | 7,928 | 1.361.964 |
| Cleveland | 1,194,528 | 1,318,985 | 288,617 | 2,265,768 | 0 | 5.067.898 |
| Coal | 54,748 | 1.746.346 | 1.055.914 | 5.706.118 | 275.006 | 8.838.132 |
| Comanche | 435.831 | 34.030 | 109.745 | 86.395 | 432 | 666.433 |
| Cotton | 19,541 | 156.450 | 12.813 | 0 | 0 | 188.804 |
| Craig | 33.243 | 267.105 | 33.757 | 0 | 0 | 334.105 |
| Creek | 460.610 | 1.823.990 | 2,503,652 | 224,543 | 188.830 | 5.201.625 |
| Custer | 134.966 | 79.721 | 1.062.890 | 5.683.318 | 407.909 | 7.368.804 |
| Delaware | 12.610 | 128,456 | 0 | 0 | 38 | 141.104 |
| Dewey | 638 | 450.931 | 268.939 | 1.772.499 | 2.605.489 | 5.098.496 |
| Ellis | 20.651 | 360,593 | 140.068 | 1.839.086 | 1.580.096 | 3.940.494 |
| Garfield | 303.518 | 2.250.172 | 444.418 | 17.648.977 | 3.847.419 | 24.494.504 |
| Garvin | 113.638 | 2,402,030 | 210.630 | 6.928.274 | 1.447.778 | 11.102.350 |
| Grady | 156,812 | 3,026,571 | 1,020,987 | 1,943,370 | 22,919,165 | 29.066.905 |
| Grant | 19,630 | 1,778,561 | 351,853 | 61,530 | 211,819 | 2.423.393 |
| Greer | 15,832 | 42,408 | 39,645 | 8,845 | 0 | 106,730 |
| Harmon | 30,803 | 149,397 | 235 | 0 | 0 | 180,435 |
| Harper | 14,731 | 547,920 | 168,133 | 595,615 | 19,706 | 1,346,105 |
| Haskell | 38,511 | 733,776 | 207,587 | 384,310 | 67,878 | 1,432,062 |
| Hughes | 51,364 | 1,645,961 | 1,193,487 | 2,771,630 | 1,454,887 | 7,117,329 |
| Jackson | 113,333 | 158,426 | 24,121 | 0 | 0 | 295,880 |
| Jefferson | 27,804 | 1,585,008 | 46,185 | 56,243 | 0 | 1.715.240 |
| Johnston | 16,347 | 1,722,383 | 79,098 | 1,158,670 | 65,617 | 3.042.115 |
| Kav | 246,804 | 5,028,551 | 687,582 | 4,954 | 804,619 | 6,772,510 |
| Kingfisher | 88,282 | 2,140,774 | 410,399 | 4,880,831 | 8,314,409 | 15.834.695 |
| Kiowa | 45,028 | 401,039 | 154,674 | 1,841 | 12,297 | 614,879 |
| Latimer | 47,205 | 0 | 810,298 | 634,896 | 654,346 | 2.146.745 |
| LeFlore | 351,184 | 752,854 | 388,904 | 413,196 | 133,952 | 2,040,090 |
| Lincoln | 99.680 | 19.840.870 | 219,501 | 935.064 | 5.824.185 | 26.919.300 |
| Logan | 254,543 | 2,986,000 | 2,039,151 | 2,488,730 | 0 | 7.768.424 |
| Love | 19,445 | 591.695 | 79,729 | 794.827 | 56.769 | 1.542.465 |
| McClain | 170.598 | 590.097 | 760.930 | 50.040 | 1.929.716 | 3.501.381 |
| McCurtain | 80.158 | 0 | 76.456 | 0 | 0 | 156.614 |
| McIntosh | 55.062 | 423.875 | 67.091 | 203.575 | 117.932 | 867.535 |
| Maior | 32.033 | 2.011.711 | 321.923 | 2.891.931 | 446.724 | 5.704.322 |
| Marshall | 38.066 | 12.030 | 31.126 | 765.819 | 26.129 | 873,170 |
| Maves | 49.081 | 440.892 | 19.005 | 00,019 | 0 | 508,978 |
| Murray | 44.243 | 606.865 | 9.254 | 5.455 | 52.574 | 718.391 |
| Muskogee | 347,987 | 990,240 | 725,061 | 0 | 58,765 | 2,122,053 |

| Centrally Valued Property Personal Property | | | | | | | | | | | | | |
|---|--------------|-------------------|------------|-------------|--------------|-------------|--|--|--|--|--|--|--|
| | Centra | ally Valued Prope | rty | Personal P | roperty | | | | | | | | |
| | | | | Refineries, | | Total | | | | | | | |
| | Distribution | Fluid | Gas | Gas Plants, | Other Oil, | Selected | | | | | | | |
| | Pipeline | Pipeline | Pipeline | Gathering & | Gas & Mining | Ad Valorem | | | | | | | |
| County | Companies | Companies | Companies | Compression | Property | Payments | | | | | | | |
| Noble | 29,326 | 3,596,913 | 172,124 | 197,634 | 405,294 | 4,401,291 | | | | | | | |
| Nowata | 22,074 | 32,435 | 40,308 | 97,564 | 0 | 192,381 | | | | | | | |
| Okfuskee | 38,329 | 860,725 | 316,062 | 823,674 | 189,682 | 2,228,472 | | | | | | | |
| Oklahoma | 4,053,116 | 2,060,217 | 701,575 | 157,490 | 7,567,624 | 14,540,022 | | | | | | | |
| Okmulgee | 163,453 | 1,113,316 | 402,546 | 371 | 527 | 1,680,213 | | | | | | | |
| Osage | 175,630 | 6,176,116 | 404,256 | 549,314 | 163,464 | 7,468,780 | | | | | | | |
| Ottawa | 86,098 | 623,007 | 34,664 | 0 | 0 | 743,769 | | | | | | | |
| Pawnee | 35,909 | 1,208,827 | 80,153 | 3,398 | 78,773 | 1,407,060 | | | | | | | |
| Payne | 304,042 | 8,451,945 | 80,251 | 10,504,919 | 29,084 | 19,370,241 | | | | | | | |
| Pittsburg | 180,151 | 134,959 | 400,157 | 5,835,576 | 1,422,079 | 7,972,922 | | | | | | | |
| Pontotoc | 214,470 | 3,765,979 | 704,278 | 4,820 | 359,980 | 5,049,527 | | | | | | | |
| Pottawatomie | 450,284 | 2,498,636 | 225,915 | 90,798 | 36,147 | 3,301,780 | | | | | | | |
| Pushmataha | 11,767 | 0 | 76,019 | 3,753 | 4,088 | 95,627 | | | | | | | |
| Roger Mills | 9,012 | 661,886 | 306,581 | 2,680,811 | 0 | 3,658,290 | | | | | | | |
| Rogers | 365,177 | 759,913 | 225,570 | 63,774 | 0 | 1,414,434 | | | | | | | |
| Seminole | 100,545 | 3,783,045 | 337,964 | 331,996 | 64,211 | 4,617,761 | | | | | | | |
| Sequoyah | 220,702 | 0 | 9,612 | 26,096 | 1 | 256,411 | | | | | | | |
| Stephens | 143,999 | 2,329,515 | 499,888 | 4,929,338 | 2,640 | 7,905,380 | | | | | | | |
| Texas | 67 | 98,329 | 508,396 | 1,850,006 | 291,126 | 2,747,924 | | | | | | | |
| Tillman | 53,831 | 112,682 | 549 | 0 | 0 | 167,062 | | | | | | | |
| Tulsa | 3,987,918 | 4,672,178 | 678,127 | 9,547,686 | 4,888,001 | 23,773,910 | | | | | | | |
| Wagoner | 370,557 | 144,032 | 48,454 | 80,558 | 10 | 643,611 | | | | | | | |
| Washington | 275,781 | 1,813,982 | 186,075 | 91,394 | 784 | 2,368,016 | | | | | | | |
| Washita | 48,160 | 130,291 | 400,997 | 1,874,181 | 523,366 | 2,976,995 | | | | | | | |
| Woods | 42,435 | 357,605 | 767,473 | 2,624,161 | 4,910,706 | 8,702,380 | | | | | | | |
| Woodward | 113,010 | 624,122 | 538,839 | 1,932,575 | 930,186 | 4,138,732 | | | | | | | |
| State of Oklahoma | 18,016,259 | 119,440,948 | 33,242,180 | 146,985,547 | 92,628,272 | 410,313,206 | | | | | | | |

Figure 33. (Cont.) OK Oil and Gas Cluster - Selected Ad Valorem Tax Payments (FY2020)

Source: Oklahoma Tax Commission - Ad Valorem Stat Book (2020)

Ad Valorem Taxes by Property Type. Oil and gas-related ad valorem tax payments by both asset type and county for FY2020 are detailed in Figure 33. The largest component of ad valorem payments is \$147.0 million traced to refineries, gas plants, gathering, and compression. Fluid pipelines accounted for \$119.4 million, followed by \$92.6 million for other oil, gas, and mining property. Distribution and gas pipelines accounted for a combined \$51.2 million in FY2020.

Ad Valorem Taxes by County. Ad valorem taxes were paid by firms in the oil and gas cluster in 76 of the state's 77 counties (not Adair County). Fifty-five counties received at least \$1 million in ad valorem tax payments in FY2020. The largest payments totaled approximately \$20 million or more in five counties – Grady, Canadian, Lincoln, Garfield, and Tulsa. Six counties received \$10 million to \$20 million – Payne, Carter, Kingfisher, Oklahoma, Garvin, and Blaine. Fifteen additional counties – Coal, Woods, Pittsburg, Stephens, Bryan, Logan, Osage, Custer, Hughes, Kay, Major, Creek, Dewey, Cleveland, and Pontotoc – received \$5 million to \$10 million in ad valorem payments. Twenty-nine counties received \$1 million to \$5 million. Eight counties received \$500,000 to \$1 million. The remaining thirteen counties received an average of \$167,000 in ad valorem tax payments in FY2020.

How are Oklahoma Oil and Gas Production Tax Revenues Used?

Over the decade ended in FY2021, the state's oil and gas sector contributed \$6.6 billion in gross production tax revenue (\$660.6 million annually) to the funding of Oklahoma state government (*Figure 34*).²⁰

Gross production revenue is first apportioned by statute for several dedicated purposes, primarily local government and public education, with the remainder deposited in the general revenue fund.²¹

Of the \$6.6 billion in gross production revenue paid the past decade, \$3.2 billion (48%) went to dedicated uses, with the remaining \$3.4 billion (52%) transferred to the state's general revenue fund. General revenue fund contributions from gross production taxes (after allocations to dedicated uses) averaged \$342 million annually the past decade.

Current Tax Apportionment

Most recently, gross production taxes apportioned for budgetary use in FY2021 totaled \$742 million. FY2021 dedicated uses of gross production tax include \$62.5 million returned to counties for roads, \$62.5 million to local school districts, \$47.0 million to the common education technical fund, \$47.0 million to the higher education capital fund, \$47.0 million to the Oklahoma student aid revolving fund, and \$57.4 million to other dedicated uses.

Of the total \$742 million in apportioned gross production tax revenue in FY2021, \$323.6 million was apportioned to off-the-top dedicated uses. The remaining \$418.6 million was distributed to the general revenue fund in FY2021.

Education-Related Distributions

A total of \$204 million in gross production tax was apportioned to education-related dedicated funds in FY2021. Recipients include both common and higher education. Over the past decade, \$2.1 billion in gross production tax revenue was apportioned for educational purposes, an average of \$209 million annually in the period.

Common education is the largest direct beneficiary of gross production tax revenue. Over the past decade, gross production revenue received by local school districts and the common education technical fund²² totaled \$1.19 billion, or \$119 million annually. Common education's share of gross production taxes reached \$109.6 million in FY2021.

Higher education remains a significant recipient as well, receiving \$94.1 million in FY2021 through the higher education capital fund and the Oklahoma student aid revolving fund. Contributions of gross production taxes to higher education totaled \$900 million the past decade, or \$90.0 million annually.

| Figure 34. Distribution of Oklahoma Gross Production Taxes | | | | | | | | | | | | | |
|--|-----------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|--|--|--|--|
| | | | | | Dedicate | d Uses | | | | | | | |
| | | | | | Common | Higher | Oklahoma | | Total | | | | |
| | Total | General | Returned | То | Education | Education | Student Aid | | Education- | | | | |
| Fiscal | Apportion- | Revenue | to Counties | School | Technical | Capital | Revolving | Other* | Related | | | | |
| 2011 | 817.535.694 | 509.858.904 | 68,749,447 | 68.749.447 | 47.372.299 | 47.372.299 | 47.372.299 | 28.060.999 | 210.866.344 | | | | |
| 2012 | 835,987,836 | 430,478,292 | 70.326.434 | 70.326.434 | 47.372.298 | 47.372.298 | 47.372.298 | 122,739,753 | 212,443,328 | | | | |
| 2013 | 513,576,262 | 221.610.957 | 62.542.178 | 62.542.178 | 47.372.298 | 47.372.298 | 47.372.298 | 24.764.055 | 204.659.072 | | | | |
| 2014 | 665,570,660 | 333,239,402 | 80,971,420 | 80,971,420 | 47,372,295 | 47,372,296 | 47,372,295 | 28,271,533 | 223,088,306 | | | | |
| 2015 | 542,074,273 | 213,359,735 | 81,878,193 | 81,878,193 | 47,372,290 | 47,372,290 | 47,372,290 | 22,841,280 | 223,995,064 | | | | |
| 2016 | 319,784,759 | 95,011,360 | 55,965,659 | 55,965,659 | 33,890,977 | 33,890,977 | 33,890,977 | 11,169,150 | 157,638,590 | | | | |
| 2017 | 411,219,672 | 157,437,279 | 62,893,884 | 62,893,884 | 38,404,347 | 38,404,347 | 38,404,347 | 12,781,585 | 178,106,924 | | | | |
| 2018 | 682,072,596 | 353,386,508 | 83,861,652 | 83,861,652 | 47,371,864 | 47,371,864 | 47,371,864 | 18,847,192 | 225,977,244 | | | | |
| 2019 | 1,108,442,208 | 725,874,440 | 103,758,080 | 103,758,080 | 47,017,214 | 47,017,214 | 47,017,214 | 33,999,966 | 244,809,722 | | | | |
| 2020 | 785,072,369 | 469,825,178 | 71,370,647 | 71,370,647 | 46,938,567 | 46,938,567 | 46,938,567 | 31,690,196 | 212,186,348 | | | | |
| 2021 | 742,178,565 | 418,599,637 | 62,516,699 | 62,516,699 | 47,035,978 | 47,035,978 | 47,035,978 | 57,437,597 | 203,624,632 | | | | |
| | | | | | | | | | | | | | |
| 10-year | \$6,605,979,200 | \$3,418,822,788 | \$736,084,846 | \$736,084,846 | \$450,148,128 | \$450,148,129 | \$450,148,128 | \$364,542,307 | \$2,086,529,230 | | | | |
| TOLAT | | | | | | | | | | | | | |
| 10-year | \$660 E07 020 | \$241 992 270 | 672 609 495 | 672 609 495 | ¢4E 014 913 | ¢4E 014 912 | ¢4E 014 913 | ¢26 454 221 | 6208 6E2 022 | | | | |
| Average | \$000,597,920 | əs41,882,279 | ۶/3,008,485 | ۶/3/008,485 | \$45,014,813 | \$45,014,813 | \$45,014,813 | Ş30,454,231 | \$208,652,923 | | | | |

Source: Historical issues of Apportionment of Statutory Revenues by the Oklahoma Tax Commission.

* "Other" includes but is not limited to: Community Water Infrastructure Development Revolving Fund, Conservation Commission Infrastructure Revolving Fund, County Bridge and Road Fund, OK Water Resources Board, Tourism & Recreation Capital Expenditure Revolving Fund, and the Statewide Circuit Engineering District Revolving Fund. Funds not included here received only a one-time payment from Severance Taxes.

| Figure 35. Gross Production Tax Revenue Returned to School Districts | | | | | | | | | | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|-----------|-----------|--|
| County | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg | |
| ADAIR | 0 | 993 | 442 | 0 | 0 | 4 | 0 | 0 | 0 | 43 | 24 | 151 | |
| ALFALFA | 349,751 | 706,616 | 1,733,355 | 3,737,264 | 6,675,851 | 4,415,648 | 4,753,655 | 4,189,147 | 3,705,625 | 1,677,233 | 865,344 | 3,245,974 | |
| ΑΤΟΚΑ | 381,449 | 292,346 | 178,799 | 153,328 | 130,222 | 92,847 | 110,791 | 107,118 | 115,695 | 91,700 | 112,532 | 138,538 | |
| BEAVER | 1,096,382 | 1,391,075 | 1,293,302 | 2,151,798 | 1,643,232 | 723,908 | 629,900 | 628,172 | 720,644 | 361,649 | 262,439 | 980,612 | |
| BECKHAM | 1,319,599 | 1,443,981 | 1,660,075 | 1,781,381 | 2,243,343 | 1,505,923 | 1,351,987 | 1,171,866 | 1,254,748 | 621,607 | 431,055 | 1,346,597 | |
| BLAINE | 775,485 | 962,220 | 896,125 | 1,785,561 | 1,252,261 | 680,358 | 1,311,146 | 4,645,585 | 10,772,602 | 8,354,138 | 6,303,688 | 3,696,368 | |
| BRYAN | 96,197 | 70,534 | 80,793 | 95,655 | 78,492 | 42,156 | 33,957 | 48,319 | 60,447 | 31,651 | 52,875 | 59,488 | |
| CADDO | 2,494,773 | 2,699,846 | 1,475,751 | 1,764,750 | 1,520,317 | 907,452 | 966,132 | 1,115,978 | 1,182,512 | 791,445 | 600,724 | 1,302,491 | |
| CANADIAN | 2,415,220 | 3,229,388 | 2,251,677 | 4,155,784 | 4,940,761 | 3,649,425 | 4,211,583 | 7,258,212 | 10,069,211 | 7,559,656 | 5,880,189 | 5,320,589 | |
| CARTER | 3,855,089 | 5,058,388 | 3,792,832 | 5,665,667 | 4,888,488 | 3,635,591 | 2,441,572 | 2,964,337 | 3,824,650 | 2,475,133 | 1,559,204 | 3,630,586 | |
| CHEROKEE | 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 6 | |
| CHOCTAW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CIMARRON | 77,372 | 83,952 | 55,041 | 59,823 | 74,699 | 65,155 | 70,075 | 74,718 | 76,363 | 47,186 | 21,309 | 62,832 | |
| CLEVELAND | 279,950 | 276,820 | 250,231 | 259,126 | 205,330 | 121,629 | 121,614 | 139,537 | 144,623 | 101,597 | 56,601 | 167,711 | |
| COAL | 1,932,895 | 1,702,949 | 1,024,043 | 1,280,895 | 1,097,825 | 940,992 | 1,092,211 | 1,259,411 | 1,172,996 | 609,618 | 814,931 | 1,099,587 | |
| COMANCHE | 109,482 | 131,338 | 76,328 | 86,526 | 62,250 | 33,565 | 30,983 | 36,536 | 34,631 | 21,599 | 11,187 | 52,494 | |
| COTTON | 60,152 | 91,007 | 61,966 | 78,413 | 54,373 | 26,751 | 22,434 | 24,276 | 28,127 | 20,848 | 8,872 | 41,707 | |
| CRAIG | 5,936 | 3,375 | 2,263 | 2,837 | 2,208 | 1,183 | 1,825 | 1,138 | 672 | 333 | 743 | 1,658 | |
| CREEK | 1,115,881 | 869,072 | 1,286,504 | 1,041,695 | 865,392 | 559,952 | 541,782 | 615,499 | 716,920 | 578,372 | 266,723 | 734,191 | |
| CUSTER | 1,380,650 | 1,587,679 | 931,034 | 889,602 | 829,663 | 517,971 | 594,576 | 985,927 | 1,450,722 | 994,610 | 1,248,896 | 1,003,068 | |
| DELAWARE | 0 | 0 | 0 | 43 | 173 | 95 | 0 | 393 | 0 | 0 | 0 | 70 | |
| DEWEY | 1,025,293 | 1,426,228 | 1,316,012 | 1,999,118 | 1,773,299 | 930,933 | 1,100,734 | 1,684,940 | 2,853,213 | 2,356,165 | 1,258,745 | 1,669,939 | |
| ELLIS | 1,939,793 | 2,889,377 | 3,276,044 | 3,918,098 | 3,579,806 | 1,820,449 | 1,941,727 | 2,136,857 | 2,578,559 | 2,167,248 | 1,426,542 | 2,573,471 | |
| GARFIELD | 503,770 | 463,229 | 452,173 | 943,272 | 1,355,773 | 1,630,831 | 1,783,840 | 1,550,454 | 1,604,632 | 1,264,366 | 673,448 | 1,172,202 | |
| GARVIN | 2,407,925 | 3,009,522 | 2,098,126 | 2,715,211 | 3,061,771 | 1,958,364 | 2,373,972 | 2,957,959 | 4,219,971 | 3,481,982 | 3,330,331 | 2,920,721 | |
| GRADY | 2,961,954 | 2,857,572 | 2,381,265 | 3,405,966 | 4,384,743 | 3,893,360 | 4,911,477 | 8,417,367 | 11,126,461 | 8,919,201 | 8,874,688 | 5,917,210 | |
| GRANT | 464,762 | 519,630 | 940,730 | 2,030,543 | 2,412,169 | 1,125,695 | 859,422 | 672,844 | 652,273 | 305,712 | 176,351 | 969,537 | |
| GREER | 1,984 | 1,756 | 2,029 | 1,882 | 1,419 | 989 | 864 | 2,291 | 2,714 | 910 | 427 | 1,528 | |
| HARMON | 2,610 | 2,970 | 1,603 | 1,517 | 1,329 | 568 | 483 | 751 | 823 | 631 | 299 | 1,097 | |
| HARPER | 592,870 | 702,110 | 630,990 | 568,348 | 429,364 | 304,393 | 219,912 | 240,808 | 250,513 | 114,490 | 107,363 | 356,829 | |
| HASKELL | 335,516 | 239,256 | 144,526 | 153,834 | 117,807 | 61,382 | 115,650 | 109,071 | 106,456 | 48,844 | 101,464 | 119,829 | |
| HUGHES | 1,676,932 | 1,462,553 | 787,398 | 849,219 | 701,956 | 742,177 | 1,020,270 | 1,312,273 | 1,912,580 | 1,302,193 | 1,354,554 | 1,144,517 | |
| JACKSON | 71,513 | 43,753 | 36,418 | 125,034 | 108,221 | 63,740 | 34,482 | 43,668 | 35,228 | 25,061 | 7,535 | 52,314 | |
| JEFFERSON | 183,039 | 258,301 | 180,253 | 256,430 | 124,358 | 22,020 | 33,632 | 39,154 | 52,054 | 55,158 | 37,226 | 105,859 | |
| JOHNSTON | 113,052 | 230,318 | 172,641 | 278,385 | 354,839 | 315,043 | 255,799 | 284,619 | 329,412 | 492,568 | 244,115 | 295,774 | |
| KAY | 661,636 | 879,618 | 652,819 | 923,799 | 1,047,164 | 825,443 | 494,490 | 450,751 | 422,071 | 262,247 | 134,829 | 609,323 | |
| KINGFISHER | 1,145,790 | 1,173,485 | 892,829 | 1,190,708 | 1,874,411 | 1,871,157 | 4,256,329 | 9,545,509 | 13,572,427 | 13,046,798 | 7,510,597 | 5,493,425 | |
| KIOWA | 70,893 | 66,780 | 36,214 | 33,769 | 24,945 | 19,660 | 19,469 | 28,215 | 19,077 | 10,423 | 10,094 | 26,865 | |
| LATIMER | 1,882,566 | 1,134,710 | 802,517 | 773,336 | 311,814 | 263,635 | 452,560 | 519,815 | 309,801 | 232,241 | 345,804 | 514,623 | |

| Figure 35. (Cont.) Gross Production Tax Revenue Returned to School Districts County EX2011 EX2012 EX2013 EX2014 EX2015 EX2017 EX2018 EX2019 EX2020 EX2021 10-Yr Ave | | | | | | | | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| County | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg | |
| LE FLORE | 515,352 | 337,151 | 224,295 | 254,881 | 159,348 | 74,810 | 171,403 | 183,300 | 144,453 | 74,821 | 117,383 | 174,185 | |
| LINCOLN | 1,200,952 | 914,626 | 660,523 | 816,076 | 517,498 | 511,173 | 629,477 | 764,139 | 719,233 | 375,734 | 259,216 | 616,770 | |
| LOGAN | 506,125 | 445,654 | 515,335 | 834,859 | 1,928,341 | 1,468,921 | 748,259 | 1,178,218 | 1,100,342 | 844,031 | 473,144 | 953,710 | |
| LOVE | 283,179 | 311,526 | 334,263 | 631,590 | 450,998 | 357,391 | 840,944 | 1,076,173 | 1,039,088 | 862,411 | 478,116 | 638,250 | |
| MAJOR | 1,952,959 | 1,992,499 | 1,290,035 | 1,426,478 | 1,241,155 | 713,755 | 642,011 | 1,002,938 | 1,775,949 | 1,499,991 | 1,100,353 | 1,268,516 | |
| MARSHALL | 330,351 | 460,979 | 683,666 | 690,129 | 790,834 | 532,368 | 394,431 | 492,489 | 604,118 | 287,422 | 290,219 | 522,665 | |
| MAYES | 8,356 | 9,610 | 1,456 | 2,209 | 1,451 | 754 | 5,424 | 4,977 | 5,038 | 3,750 | 1,354 | 3,602 | |
| MCCLAIN | 919,805 | 1,008,003 | 806,392 | 1,087,165 | 841,289 | 569,802 | 528,141 | 1,025,035 | 1,643,191 | 2,328,032 | 1,625,318 | 1,146,237 | |
| MCCURTAIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MCINTOSH | 120,973 | 84,402 | 42,201 | 37,660 | 28,384 | 15,218 | 26,184 | 23,085 | 21,544 | 16,504 | 165,105 | 46,029 | |
| MURRAY | 169,237 | 155,750 | 154,251 | 142,269 | 98,378 | 42,630 | 50,320 | 60,887 | 77,977 | 48,599 | 26,623 | 85,768 | |
| MUSKOGEE | 38,897 | 27,991 | 32,444 | 32,287 | 25,780 | 9,811 | 15,356 | 20,620 | 15,983 | 10,021 | 5,423 | 19,572 | |
| NOBLE | 741,719 | 699,912 | 541,371 | 1,010,959 | 1,181,970 | 878,254 | 391,166 | 483,759 | 413,884 | 331,849 | 168,710 | 610,183 | |
| NOWATA | 114,622 | 182,214 | 108,321 | 151,457 | 60,378 | 50,629 | 65,324 | 53,106 | 48,988 | 32,608 | 20,104 | 77,313 | |
| OKFUSKEE | 276,172 | 178,349 | 267,436 | 293,464 | 288,259 | 181,914 | 174,142 | 181,331 | 175,774 | 130,075 | 128,291 | 199,903 | |
| OKLAHOMA | 1,623,545 | 1,351,368 | 1,512,883 | 1,298,260 | 1,243,317 | 714,323 | 762,404 | 865,854 | 856,085 | 640,342 | 566,014 | 981,085 | |
| OKMULGEE | 228,118 | 160,845 | 169,142 | 169,518 | 161,138 | 79,193 | 83,486 | 105,794 | 116,554 | 80,690 | 38,808 | 116,517 | |
| OSAGE | 1,275,266 | 1,922,188 | 1,318,157 | 1,674,914 | 927,242 | 536,404 | 770,994 | 796,678 | 1,046,438 | 670,855 | 398,191 | 1,006,206 | |
| OTTAWA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PAWNEE | 227,863 | 261,078 | 292,457 | 435,824 | 365,755 | 166,718 | 173,099 | 162,630 | 233,784 | 150,967 | 74,353 | 231,666 | |
| PAYNE | 417,277 | 347,070 | 436,780 | 749,948 | 1,559,140 | 1,203,840 | 770,496 | 1,008,185 | 776,276 | 514,868 | 215,244 | 758,185 | |
| PITTSBURG | 1,890,575 | 1,945,531 | 1,645,193 | 2,048,865 | 1,610,941 | 1,073,776 | 1,435,756 | 1,596,083 | 1,336,612 | 917,616 | 1,133,205 | 1,474,358 | |
| PONTOTOC | 1,189,213 | 526,000 | 1,780,615 | 1,313,868 | 1,378,858 | 698,472 | 509,936 | 660,924 | 723,786 | 600,091 | 270,686 | 846,324 | |
| POTTAWATOMIE | 833,716 | 514,900 | 915,667 | 749,400 | 757,488 | 404,091 | 285,668 | 371,754 | 370,286 | 307,118 | 154,962 | 483,133 | |
| PUSHMATAHA | 78,103 | 31,021 | 50,470 | 40,758 | 43,693 | 19,682 | 26,053 | 39,165 | 39,022 | 17,867 | 13,645 | 32,138 | |
| ROGER MILLS | 2,314,300 | 2,619,050 | 2,778,536 | 4,037,314 | 4,650,795 | 2,808,447 | 2,295,090 | 2,383,313 | 2,472,974 | 1,308,947 | 877,871 | 2,623,234 | |
| ROGERS | 34,812 | 37,215 | 22,480 | 30,632 | 14,264 | 9,318 | 11,371 | 11,004 | 10,724 | 5,465 | 3,798 | 15,627 | |
| SEMINOLE | 1,453,345 | 1,001,150 | 1,565,123 | 1,453,713 | 1,171,253 | 779,374 | 705,342 | 797,917 | 788,714 | 617,486 | 351,073 | 923,115 | |
| SEQUOYAH | 52,005 | 37,519 | 20,254 | 17,000 | 11,996 | 10,591 | 16,200 | 13,130 | 12,549 | 5,462 | 8,112 | 15,281 | |
| STEPHENS | 3,177,345 | 3,595,768 | 2,307,879 | 3,508,388 | 4,232,663 | 3,806,159 | 3,/1/,/11 | 4,749,720 | 5,614,464 | 3,236,853 | 2,459,712 | 3,722,932 | |
| TEXAS | 2,733,181 | 2,409,774 | 1,903,532 | 1,599,903 | 1,069,640 | 669,419 | 1,162,719 | 1,153,518 | 1,231,840 | 668,255 | 431,511 | 1,230,011 | |
| TILLMAN | 112,518 | 112,608 | 85,899 | 228,010 | 182,442 | 59,435 | 38,295 | 43,284 | 64,394 | 39,963 | 16,742 | 87,107 | |
| TULSA | 777,329 | 964,958 | 851,060 | 944,567 | 408,454 | 241,427 | 359,497 | 373,511 | 488,565 | 305,342 | 173,527 | 511,091 | |
| WAGONER | 28,579 | 35,216 | 24,293 | 31,088 | 34,271 | 18,109 | 13,953 | 13,142 | 13,588 | 6,871 | 2,352 | 19,288 | |
| WASHINGTON | 136,336 | 265,647 | 140,185 | 183,097 | 70,409 | 50,804 | 80,899 | 76,587 | 92,671 | 54,971 | 30,765 | 104,604 | |
| WASHITA | 4,576,312 | 6,269,982 | 2,890,848 | 2,730,115 | 2,527,183 | 1,266,496 | 1,044,176 | 1,063,382 | 857,452 | 473,414 | 517,385 | 1,964,043 | |
| WOODWARD | 1,837,739 | 2,597,269 | 1,724,824 | 3,460,533 | 5,120,367 | 2,788,893 | 3,163,986 | 3,094,947 | 2,680,414 | 1,376,998 | /23,162 | 2,673,139 | |
| WOODWARD | 911,752 | 886,079 | 545,542 | 460,027 | 491,661 | 297,811 | 204,761 | 412,473 | 609,108 | 391,835 | 191,430 | 455,073 | |
| All Counties | \$66,876,156 | \$72,663,646 | \$60,498,956 | \$79,735,839 | \$83,877,100 | \$56,880,656 | \$60,535,813 | \$81,606,568 | \$103,601,37 | \$77,662,782 | \$57,603,655 | \$73,466,639 | |

Source: Oklahoma State Department of Education – Oklahoma Cost Accounting System

Gross Production Tax Distribution by Region. A portion of the gross production tax generated from oil and gas production within each county is allocated back to independent school districts based on an average daily attendance basis. Figure 35 provides a county-level breakdown of severance taxes distributed to school districts statewide in the FY2010 to FY2020 period.

County-Level Distributions. Since some counties have large amounts of oil and gas production and others very little, there is substantial variation in the revenues received.

School districts in seven counties received distributions averaging more than \$3 million annually the past decade - Grady (\$5.9 million), Kingfisher (\$5.5 million), Canadian (\$5.3 million), Stephens (\$3.7 million), Blaine (\$3.7 million), Carter (\$3.6 million), and Alfalfa (\$3.2 million). All seven counties are traditionally large oil and gas producers.

School districts in five additional counties received distributions averaging between \$2 million and \$3 million annually. This group includes Garvin, Woods, Roger Mills, Ellis, and Washita, all traditional oil and gas producing counties.

Districts in 12 additional counties received distributions averaging between \$1 million and \$2 million annually. These counties include Dewey, Pittsburg, Beckham, Caddo, Major, Texas, Garfield, McClain, Hughes, Coal, Osage, and Custer.

In total, school districts in 24 counties received at least \$1 million or more annually from oil and gas severance taxes the past decade.

School districts in 25 counties –Tillman, Murray, Nowata, Cimarron, Bryan, Comanche, Jackson, McIntosh, Cotton, Pushmataha, Kiowa, Muskogee, Wagoner, Rogers, Sequoyah, Mayes, Craig, Greer, Harmon, Adair, Delaware, Cherokee, Choctaw, McCurtain, and Ottawa – received less than \$100,000 annually in gross production revenue in the ten-year period. Historically, these counties are home to very little crude oil and natural gas production.

Gross production taxes paid in FY2020 were much more concentrated outside the three largest counties in the state – Oklahoma (\$981,000), Tulsa (\$511,000), and Cleveland (\$167,700).

School District-Level Distributions. Gross production tax receipts received by individual school district the past decade are detailed in Figure 36. Larger school districts located in traditional oil and gas producing regions of the state tend to receive the largest distributions.

Fourteen individual school districts received more than \$1 million annually in gross production revenue between FY2011 and FY2020 - Kingfisher (\$2.2 million), Mustang (\$2.2 million), Alva (\$2.0 million), Duncan (\$1.7 million), Yukon (\$1.7 million), Chickasha (\$1.6 million), Watonga (\$1.5 million), Cherokee (\$1.5 million), Tuttle (\$1.3 million), Hennessey (\$1.3 million), Ardmore (\$1.2 million), Shattuck (\$1.1 million), Bridge Creek (\$1.1 million), and Timberlake (\$1.1 million).

Thirty-two additional districts received between \$500,000 and \$1 million annually in the period. Thirty-seven districts received between \$250,000 and \$500,000 annually.

Sixty-six districts received between \$100,000 and \$250,000 annually. Fifty-three districts received between \$50,000 and \$100,000 annually.

In total, 202 of the 561 individual school districts in Oklahoma received \$50,000 or more annually in gross production revenue between FY2011 and FY2020.

The average payment across all districts receiving a payment in the ten-year period was \$180,500 per year.

The state's charter schools do not share in school district distributions of gross production tax revenue.

Figure 36. Gross Production Tax Distributions by County/School District

| County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
|---------|----------------------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ADAIR | CAVE SPRINGS | 0 | 993 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 102 |
| ADAIR | DAHLONEGAH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ADAIR | GREASY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ADAIR | MARYETTA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ADAIR | PEAVINE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ADAIR | ROCKY MOUNTAIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ADAIR | STILWELL | 0 | 0 | 194 | 0 | 0 | 2 | 0 | 0 | 0 | 19 | 11 | 23 |
| ADAIR | WATTS | 0 | 0 | 56 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 2 | 6 |
| ADAIR | WESTVILLE | 0 | 0 | 173 | 0 | 0 | 2 | 0 | 0 | 0 | 17 | 10 | 20 |
| ADAIR | ZION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALFALFA | BURLINGTON | 83.287 | 165.371 | 377.123 | 782.657 | 1.252.508 | 830.532 | 947.167 | 872.314 | 705.228 | 278.521 | 138.256 | 634.968 |
| ALFALFA | CHEROKEE | 141.524 | 294.164 | 779.185 | 1.711.859 | 3.134.063 | 2.076.783 | 2.302.327 | 1.999.822 | 1.774.902 | 825.341 | 435.194 | 1.533.364 |
| ALFALFA | TIMBERLAKE | 124,939 | 247,081 | 577,047 | 1,242,748 | 2,289,280 | 1,508,332 | 1,504,161 | 1,317,011 | 1,225,494 | 573,371 | 291,895 | 1,077,642 |
| ΑΤΟΚΑ | АТОКА | 183,862 | 141,980 | 85,830 | 71,453 | 60,667 | 44,555 | 55,237 | 53,675 | 56,398 | 44,663 | 54,444 | 66,890 |
| ΑΤΟΚΑ | CANEY | 50,299 | 39,212 | 26,302 | 21,987 | 18,815 | 12,844 | 15,246 | 13,777 | 15,299 | 12,132 | 15,991 | 19,160 |
| ΑΤΟΚΑ | HARMONY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ΑΤΟΚΑ | LANE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ΑΤΟΚΑ | STRINGTOWN | 56,544 | 35,486 | 20,022 | 19,603 | 17,993 | 12,981 | 14,887 | 14,336 | 14,964 | 11,918 | 14,299 | 17,649 |
| ΑΤΟΚΑ | ТՍЅНКА | 90,744 | 75,669 | 46,646 | 40,285 | 32,747 | 22,468 | 25,421 | 25,329 | 29,035 | 22,988 | 27,798 | 34,839 |
| BEAVER | BALKO | 135,112 | 192,291 | 189,101 | 320,259 | 232,112 | 102,068 | 89,990 | 90,859 | 103,629 | 52,436 | 38,413 | 141,116 |
| BEAVER | BEAVER | 383,926 | 473,306 | 430,580 | 688,962 | 549,383 | 247,967 | 203,747 | 206,342 | 228,468 | 108,200 | 75,881 | 321,284 |
| BEAVER | FORGAN | 178,603 | 226,316 | 207,157 | 337,687 | 227,332 | 93,519 | 88,554 | 84,909 | 96,397 | 47,267 | 34,237 | 144,337 |
| BEAVER | TURPIN | 398,741 | 499,162 | 466,465 | 804,889 | 634,405 | 280,354 | 247,610 | 246,062 | 292,149 | 153,746 | 113,908 | 373,875 |
| BECKHAM | ELK CITY | 793,286 | 872,917 | 983,653 | 1,042,960 | 1,281,889 | 835,794 | 728,343 | 626,939 | 680,256 | 339,911 | 238,953 | 763,162 |
| BECKHAM | ERICK | 84,453 | 92,336 | 111,042 | 120,302 | 145,449 | 95,611 | 94,230 | 79,316 | 81,689 | 38,390 | 24,845 | 88,321 |
| BECKHAM | MERRITT | 191,839 | 211,414 | 266,436 | 295,290 | 397,510 | 288,648 | 272,778 | 242,516 | 259,123 | 128,185 | 89,586 | 245,149 |
| BECKHAM | SAYRE | 250,022 | 267,314 | 298,944 | 322,828 | 418,495 | 285,869 | 256,636 | 223,095 | 233,680 | 115,121 | 77,671 | 249,965 |
| BLAINE | CANTON | 155,567 | 201,982 | 183,215 | 355,450 | 250,530 | 141,602 | 269,115 | 959,232 | 2,152,545 | 1,674,830 | 1,249,341 | 743,784 |
| BLAINE | GEARY | 164,404 | 208,789 | 193,998 | 384,560 | 267,420 | 144,527 | 269,315 | 919,831 | 2,028,225 | 1,633,705 | 1,156,289 | 720,666 |
| BLAINE | OKEENE | 136,797 | 163,394 | 155,358 | 300,736 | 214,506 | 117,678 | 228,614 | 871,190 | 2,038,810 | 1,611,673 | 1,183,095 | 688,505 |
| BLAINE | WATONGA | 318,717 | 388,055 | 363,554 | 744,815 | 519,806 | 276,551 | 544,101 | 1,895,332 | 4,553,021 | 3,433,931 | 2,714,963 | 1,543,413 |
| BRYAN | (ILC) CHOCTAW NATION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BRYAN | ACHILLE | 5,352 | 3,666 | 3,733 | 4,097 | 3,250 | 1,699 | 1,412 | 2,132 | 2,744 | 1,330 | 994 | 2,506 |
| BRYAN | BENNINGTON | 3,480 | 2,569 | 3,115 | 3,471 | 2,909 | 1,631 | 1,338 | 2,042 | 2,686 | 1,353 | 927 | 2,204 |
| BRYAN | CADDO | 6,484 | 4,859 | 5,411 | 6,266 | 4,975 | 2,618 | 2,169 | 3,122 | 3,907 | 2,044 | 1,504 | 3,687 |
| BRYAN | CALERA | 8,342 | 6,106 | 7,031 | 8,336 | 6,976 | 3,871 | 3,128 | 4,683 | 5,909 | 3,106 | 2,320 | 5,147 |
| BRYAN | COLBERT | 11,406 | 8,495 | 9,536 | 11,452 | 9,319 | 4,648 | 3,653 | 5,147 | 6,175 | 3,089 | 31,752 | 9,327 |
| BRYAN | DURANT | 44,921 | 32,882 | 38,278 | 44,962 | 37,246 | 20,159 | 16,328 | 22,725 | 28,465 | 14,973 | 11,127 | 26,715 |
| BRYAN | ROCK CREEK | 6,334 | 4,598 | 5,123 | 6,295 | 5,109 | 2,716 | 2,086 | 2,956 | 3,752 | 2,022 | 1,364 | 3,602 |
| BRYAN | SILO | 9,877 | 7,359 | 8,568 | 10,776 | 8,707 | 4,813 | 3,844 | 5,512 | 6,809 | 3,734 | 2,887 | 6,301 |
| CADDO | ANADARKO | 779,054 | 844,981 | 480,247 | 575,733 | 490,078 | 288,794 | 298,251 | 337,765 | 350,281 | 228,042 | 173,042 | 406,721 |
| CADDO | BINGER-ONEY | 139,119 | 152,236 | 79,845 | 109,128 | 101,398 | 60,929 | 59,823 | 66,188 | 70,298 | 48,030 | 37,159 | 78,504 |
| CADDO | BOONE-APACHE | 252,107 | 266,764 | 142,927 | 165,391 | 150,332 | 90,423 | 94,104 | 108,190 | 122,900 | 82,391 | 61,884 | 128,531 |
| CADDO | CARNEGIE | 251,236 | 275,892 | 141,187 | 170,794 | 145,503 | 87,552 | 94,058 | 111,447 | 117,761 | 78,504 | 59,324 | 128,202 |
| CADDO | CEMENT | 114,804 | 116,551 | 62,228 | 76,535 | 62,062 | 35,991 | 41,458 | 45,371 | 50,692 | 33,290 | 23,312 | 54,749 |
| CADDO | CYRIL | 147,598 | 157,844 | 87,206 | 100,561 | 88,418 | 57,482 | 62,826 | 73,593 | 73,918 | 50,458 | 37,954 | 79,026 |

| Coundy Chool Dirict Cross-Broad Proton | Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | | | | | | | | | | | | | |
|--|---|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| CADDO CNRT COMB-BRONTOM 142.93 17.237 73.03 75.84 85.78 67.79 57.88 64.71 65.898 64.71 35.701 75.781 CADDO INNTON 300.51 21.32 17.911 204.24 177.059 105.845 117.52 13.748 13.756 63.751 63.751 65.783 10.757 55.78 51.255 33.762 75.765 55.765 75.785 <th>County</th> <th>School District</th> <th>FY2011</th> <th>FY2012</th> <th>FY2013</th> <th>FY2014</th> <th>FY2015</th> <th>FY2016</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>10-Yr Avg</th> | County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
| CADDO GAXCEMONT 72.37 73.207 74.180 38.423 72.787 24.047 73.102 34.613 21.334 15.568 CADDO MYGRO-KAKY 179.717 21.834 110.667 117.887 137.498 56.341 16.766 79.921 157.887 CADDO DOCERAS ACKLES 79.722 13.788 56.378 14.066 51.775 57.661 37.422 57.887 77.604 1.07 0 | CADDO | FORT COBB-BROXTON | 142,955 | 157,843 | 86,150 | 104,941 | 85,479 | 50,403 | 55,888 | 64,617 | 66,989 | 46,171 | 36,701 | 75,518 |
| CADDO ININTON 300.516 321,721 171,731 127,479 17632 137,499 156,431 100.626 79,921 157,837 100.266 79,921 157,837 100.266 79,921 157,837 100.266 79,921 157,837 100.267 51,155 51,267 51,125 31,962 26,176 51,125 31,962 26,176 51,125 31,962 26,176 51,125 31,962 26,176 51,125 31,962 26,176 51,125 31,962 56,173 51,126 31,962 57,960 91,446 43,961 57,960 91,446 45,963 63,103 72,364 100,176 71,363 110,476 75,130 808,048 45,0133 100,164 79,1364 110,427 47,378 100,137 110,437 41,361,577 11,303 20,313 11,31,433 11,31,433 11,31,433 11,31,433 11,31,433 11,31,433 11,31,433 11,31,433 11,31,433 11,31,433 11,31,433 11,31,433 11,31,433 11,31,433 11,31,433< | CADDO | GRACEMONT | 72,379 | 73,920 | 40,578 | 44,189 | 38,423 | 22,784 | 24,047 | 31,702 | 34,613 | 21,334 | 13,566 | 34,516 |
| CADDO IMPORD-EAKIY 197,17 218,541 210,641 71,342 67,851 47,861 57,870 77,873 67,871 71,342 77,814 41,456 43,961 57,775 57,900 50,125 33,362 65,757 CANADIAN CALUMET 28,895 41,806 32,672 56,785 56,785 57,805 57 | CADDO | HINTON | 300,516 | 321,721 | 171,911 | 204,242 | 177,059 | 105,687 | 117,632 | 137,499 | 156,431 | 106,266 | 79,921 | 157,837 |
| CADDe CONCRASCRACES 97,88 113,53 67,870 77,9 51,125 33,962 26,170 55,570 CANADANA CALUMET 28,895 41,880 30,382 52,828 59,673 67,300 49,544 68,895 55,621 55,625 CANADANA DARLINGTON 27,568 36,220 246,325 494,601 0 | CADDO | HYDRO-EAKLY | 197,177 | 218,541 | 120,604 | 140,094 | 113,882 | 65,950 | 74,083 | 87,830 | 87,503 | 62,997 | 51,685 | 102,317 |
| CANADAM BANNER* 0 0 <t< td=""><td>CADDO</td><td>LOOKEBA SICKLES</td><td>97,828</td><td>113,553</td><td>62,867</td><td>73,142</td><td>67,681</td><td>41,456</td><td>43,961</td><td>51,775</td><td>51,125</td><td>33,962</td><td>26,176</td><td>56,570</td></t<> | CADDO | LOOKEBA SICKLES | 97,828 | 113,553 | 62,867 | 73,142 | 67,681 | 41,456 | 43,961 | 51,775 | 51,125 | 33,962 | 26,176 | 56,570 |
| CANADAN CALUMETCALUMET28,89541,88030,38255,28959,67341,06643,75567,36099,45468,48958,62155,265CANADAN CANADANEL RENO275,68362,205245,125439,57544,60100 <td>CANADIAN</td> <td>BANNER</td> <td>0</td> | CANADIAN | BANNER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CANADIAN CANADIAN CANADIAN MAPLED000< | CANADIAN | CALUMET | 28,895 | 41,880 | 30,392 | 56,298 | 59,673 | 41,066 | 43,755 | 67,960 | 94,544 | 68,459 | 58,621 | 56,265 |
| CANADAM ELRENO 256.99 362.60 249.757 494.00 370.168 370.477 725.60 1.00.474 73.100 580.45 940.40 CANADAM MVSTANG 97.306 1.289.35 90.311 1.673.28 2.093.28 1.50.323 1.50.323 1.50.323 1.50.51.22 1.55.114 1.55.214 1.55.214 1.75.148 1.75.29 1.25.416 1.75.248 1.75.29 1.25.418 1.75.29 1.25.418 1.75.29 1.25.148 1.75.29 1.55.214 1.75.24 1.55.214 1.55.214 1.55.214 1.55.214 1.55.214 1.55.214 1.55.214 1.55.214 1.55.214 1.55.214 1.55.214 1.55.214 1.55.214 1.55.214 1.55.2 | CANADIAN | DARLINGTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CANADIAN MAPLE 0 <t< td=""><td>CANADIAN</td><td>EL RENO</td><td>275,698</td><td>362,206</td><td>246,125</td><td>439,575</td><td>494,601</td><td>370,168</td><td>430,547</td><td>729,604</td><td>1,004,746</td><td>751,300</td><td>580,458</td><td>540,933</td></t<> | CANADIAN | EL RENO | 275,698 | 362,206 | 246,125 | 439,575 | 494,601 | 370,168 | 430,547 | 729,604 | 1,004,746 | 751,300 | 580,458 | 540,933 |
| CANADIAN MUSTANG 91,306 1,283,28 904,331 1,676,378 2,093,83 1,916,363 1,456,372 1,456,372 2,187,480 2,187,480 CANADIAN RIVERSDE 00 00 0< | CANADIAN | MAPLE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CANADIAN PIEDMONT 302,85 302,82 288,34 566,684 502,35 503,638 1,503,12 1,53,15 919,696 763,025 CANADIAN UNICOTY 33,275 44,305 8,839 51,713 650,677 43,302 48,437 661,57 1,349,76 1,349,768 64,148 651,562 CANADIAN UNCON 803,161 1,082,70 754,126 1,381,740 1,529,678 1,236,267 1,232,678 1,249,78 1,242,995 CARTER UIC,TRI-COUNTY 0 759,993 831,107 725,84 532,668 451,91 593,64 314,619 593,64 342,64 366,66 51,91 44,865,66 242,019 583,44 366,66 41,211 41,725 92,66 64,519 583,44 366,66 41,214 41,725 92,66 64,519 583,44 368,66 242,912 656,56 42,049 24,214 41,725 92,66 64,519 583,44 368,66 242,912 656,56 42,049 24,214 | CANADIAN | MUSTANG | 971,306 | 1,289,535 | 904,331 | 1,676,378 | 2,009,382 | 1,505,389 | 1,743,160 | 2,992,039 | 4,150,637 | 3,145,632 | 2,458,401 | 2,187,488 |
| CANADIAN RIVENDIC 0 0 0 0 0 0 0 0 0 0 CANADIAN VIKON 333.75 44,335 24,337 56,737 56,737 56,737 1,52,743 1,52,753 2,330,83 2,349,76 2,357,85 1,79,8,68 1,709,767 CARTEN ILICUNIY 0 <td>CANADIAN</td> <td>PIEDMONT</td> <td>302,885</td> <td>408,128</td> <td>288,304</td> <td>546,680</td> <td>663,684</td> <td>500,233</td> <td>593,648</td> <td>1,051,638</td> <td>1,505,122</td> <td>1,153,115</td> <td>919,696</td> <td>763,025</td> | CANADIAN | PIEDMONT | 302,885 | 408,128 | 288,304 | 546,680 | 663,684 | 500,233 | 593,648 | 1,051,638 | 1,505,122 | 1,153,115 | 919,696 | 763,025 |
| CANADIAN UNKON CITY 33.275 44.9435 28.937 51.713 06.077 43.302 48.421 86.157 119.497 64.148 63.162 CANADIAN VUKON 03.161 108.707 754.126 1.825.07 1.829.67 3.08.013 3.19.497 6.255.078 0.255.078 1.201.975 CARTER ARMONE 1.311.833 1.719.99 1.72.38 1.937.01 1.828.67 83.264 103.925 1.93.926 1.220.935 CARTER FOK 145.113 172.559 127.388 120.695 128.245 103.242 141.725 121.381 CARTER HEALDTON 237.113 125.255 210.095 128.596 120.491 123.326 123.492 140.72 141.725 92.666 145.925 143.242 128.328 123.927 141.725 92.666 143.924 149.257 141.725 92.666 145.925 141.725 141.725 141.725 141.725 141.725 141.725 141.725 141.725 141.725 <t< td=""><td>CANADIAN</td><td>RIVERSIDE</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></t<> | CANADIAN | RIVERSIDE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CANADN IKUN 803.61 I.08.704 7.88.704 7.88.704 7.82.05 7.39.664 7.89.86 7.99.76 CARTER ADMORE 1.311.83 1.719.92 1.73.78 1.937.20 1.672.38 17.48.95 187.69 973.62 1.242.78 814.61 1.22.035 CARTER DICKSON 155.58 762.671 579.39 183.107 1.672.38 17.82.65 187.62 1.59.34 365.60 145.125 159.34 365.60 147.125 548.16 CARTER HOLDTON 123.718 127.38 107.957 800.86 60.420 147.340 17.92.5 141.040 178.38 264.212 247.17 174.92 176.56 161.524 CARTER IONE GROVE 663.53 127.95 137.65 378.95 663.42 170.95 181.06 140.12 170.95 183.06 140.12 170.95 183.06 140.12 170.97 170.16 170.14 170.97 170.16 170.16 170.16 170.16 170.1 | CANADIAN | UNION CITY | 33,275 | 44,935 | 28,399 | 51,713 | 60,677 | 43,302 | 48,421 | 86,157 | 119,497 | 84,370 | 64,148 | 63,162 |
| CARTER IUC IN-COUNTY 0 | CANADIAN | YUKON | 803,161 | 1,082,704 | 754,126 | 1,385,140 | 1,652,744 | 1,189,267 | 1,352,053 | 2,330,813 | 3,194,664 | 2,356,780 | 1,798,866 | 1,709,716 |
| CARTER DICKSON 1.311.835 1.719.29 1.737.849 1.927.348 1.248.995 811.692 1.244.276 814.619 511.408 1.202.0395 CARTER FOX 145.419 172.599 127.380 190.54 170.950 128.391 831.400 103.922 134.302 80.061 44.019 242.082 242.082 CARTER HEADTON 237.113 295.258 126.126 373.62 300.088 212.069 141.041 179.28 224.217 141.725 92.061 233.88 CARTER PLANVEW 616.52 287.515 59.95 82.508 624.343 47.626 53.966 64.02.09 268.085 63.637 201.949 309.714 275.189 191.102 151.357 180.663 147.77 78.949 191.199 CARTER SPRINGER 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | CARTER | (ILC) TRI-COUNTY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CARTER DICKON 55,581 752,671 779,30 83,104 725,584 533,264 368,660 451,91 983,344 386,566 242,082 548,116 CARTER HEALDTON 137,13 295,258 121,2300 130,592 121,591 134,302 134,302 80,661 44,874 123,648 CARTER LOR GROVE 663,931 881,493 656,595 957,552 822,092 80,866 66,423 44,274 449,272 655,561 420,069 266,698 66,524 CARTER PLAINVIEW 106,632 825,755 521,097 952,951 825,86 64,343 427,62 533,865 691,60 140,00 633,836 691,60 140,00 633,836 691,60 199,03 39,711 CARTER PLAINVIEW 106,63 137,85 99,906 147,016 181,85 833,261 104,112 691,40 193,33 19,712 CARTER ALNESN 106,63 137,60 100 0 0 <td< td=""><td>CARTER</td><td>ARDMORE</td><td>1,311,835</td><td>1,719,929</td><td>1,273,849</td><td>1,937,201</td><td>1,672,348</td><td>1,248,995</td><td>817,692</td><td>973,629</td><td>1,234,276</td><td>814,619</td><td>511,408</td><td>1,220,395</td></td<> | CARTER | ARDMORE | 1,311,835 | 1,719,929 | 1,273,849 | 1,937,201 | 1,672,348 | 1,248,995 | 817,692 | 973,629 | 1,234,276 | 814,619 | 511,408 | 1,220,395 |
| CARTER FX 145,419 172,599 127,80 190,84 170,950 128,591 83,244 103,892 143,02 80,001 144,874 123,688 CARTER HALDTON 237,113 295,258 216,126 337,362 300,088 212,069 141,040 178,238 224,217 141,725 92,061 213,818 CARTER PLANVIEW 166,532 282,715 621,079 525,058 624,343 427,626 533,896 104,412 492,972 78,403 104,412 492,972 78,403 104,412 492,972 78,403 104,412 492,972 78,403 104,112 492,972 78,403 104,112 492,972 78,403 104,112 492,972 78,403 104,112 492,972 78,403 104,112 492,972 78,403 104,112 492,972 78,403 104,112 492,972 78,403 104,112 492,972 78,403 104,112 492,972 78,403 104,112 492,972 78,403 103 100 | CARTER | DICKSON | 565,581 | 762,671 | 579,930 | 831,107 | 725,584 | 534,264 | 368,660 | 451,951 | 598,344 | 386,566 | 242,082 | 548,116 |
| CARTER HEALDTON 237,113 295,258 216,126 337,362 300,088 212,069 141,040 178,238 224,217 141,725 92,061 213,818 CARTER LONE GROVE 663,931 881,493 665,095 952,951 820,986 664,424 412,314 492,972 655,67 420,069 264,049 623,345 CARTER PLAINVIEW 106,630 137,585 99,906 147,016 118,285 83,727 59,924 78,03 104,412 69,116 39,033 93,741 CARTER ZANEIS 0 | CARTER | FOX | 145,419 | 172,599 | 127,380 | 190,584 | 170,950 | 128,591 | 83,244 | 103,892 | 134,302 | 80,061 | 44,874 | 123,648 |
| CARTER DIAG GROVE 663,931 881,433 665,055 959,732 800,965 624,343 412,314 492,972 656,567 420,069 266,693 616,234 CARTER PLAINVIEW 616,532 825,215 621,097 825,951 825,051 827,205 59,924 78,03 691,869 448,200 284,100 623,333 93,741 CARTER SPRINGER 106,630 317,585 90,906 147,016 18,285 83,727 59,924 78,03 104,12 691,16 39,393 93,741 CARTER ZANEIS 0 <td< td=""><td>CARTER</td><td>HEALDTON</td><td>237,113</td><td>295,258</td><td>216,126</td><td>337,362</td><td>300,088</td><td>212,069</td><td>141,040</td><td>178,238</td><td>224,217</td><td>141,725</td><td>92,061</td><td>213,818</td></td<> | CARTER | HEALDTON | 237,113 | 295,258 | 216,126 | 337,362 | 300,088 | 212,069 | 141,040 | 178,238 | 224,217 | 141,725 | 92,061 | 213,818 |
| CARTER PLAINVIEW 616,532 825,215 621,097 952,951 825,058 624,343 427,626 533,896 691,869 448,200 284,100 623,433 CARTER PRINGER 106,630 137,85 99,040 147,016 118,285 87,77 59,924 78,403 104,412 69,116 39,033 93,741 CARTER WILSON 208,048 263,637 209,449 309,714 275,189 131,072 151,357 108,063 114,777 78,949 191,199 CARTER ZANEIS 0 | CARTER | LONE GROVE | 663,931 | 881,493 | 665,095 | 959,732 | 800,986 | 606,420 | 412,314 | 492,972 | 656,567 | 420,069 | 266,698 | 616,234 |
| CARTERSPRINGER106,630137,58599,906147,016118,28583,72759,92478,033104,41269,11639,03393,741CARTERZNUSON208,047209,049309,714275,188131,072151,357180,63114,77778,949191,199CARTERZANEIS00< | CARTER | PLAINVIEW | 616,532 | 825,215 | 621,097 | 952,951 | 825,058 | 624,343 | 427,626 | 533,896 | 691,869 | 448,200 | 284,100 | 623,436 |
| CARTERWILSON208,048263,637209,449309,714275,189197,182131,072151,357180,63114,77778,949191,192CARTERANEIS00< | CARTER | SPRINGER | 106,630 | 137,585 | 99,906 | 147,016 | 118,285 | 83,727 | 59,924 | 78,403 | 104,412 | 69,116 | 39,033 | 93,741 |
| CARTER CHEROKEEZANEIS000< | CARTER | WILSON | 208,048 | 263,637 | 209,449 | 309,714 | 275,189 | 197,182 | 131,072 | 151,357 | 180,663 | 114,777 | 78,949 | 191,199 |
| CHEROKEEBRIGGS00 <t< td=""><td>CARTER</td><td>ZANEIS</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></t<> | CARTER | ZANEIS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHEROKEE CHEROKEE IMMERSION CHARTER SCH 0 0 | CHEROKEE | BRIGGS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHEROKEE GRAND VIEW 0 | CHEROKEE | CHEROKEE IMMERSION CHARTER SCH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHEROKEEHULBERT180000000701CHEROKEELOWREY130000000001CHEROKEELOWREY00 </td <td>CHEROKEE</td> <td>GRAND VIEW</td> <td>0</td> | CHEROKEE | GRAND VIEW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHEROKEE KEYS 13 0 0 0 0 0 10 0 0 1 CHEROKEE LOWREY 0 <td>CHEROKEE</td> <td>HULBERT</td> <td>8</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>7</td> <td>0</td> <td>0</td> <td>1</td> | CHEROKEE | HULBERT | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 1 |
| CHEROKEE LOWREY 0 < | CHEROKEE | KEYS | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 1 |
| CHEROKEE NORWOOD 0 | CHEROKEE | LOWREY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHEROKEE PEGGS 0 0 0 0 0 0 0 0 0 0 0 CHEROKEE SHADY GROVE 0 | CHEROKEE | NORWOOD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHEROKEE SHADY GROVE 0 0 0 0 0 0 0 0 0 0 0 CHEROKEE TAHLEQUAH 48 0 0 0 0 0 0 0 43 0 0 44 CHEROKEE TENKILLER 0 | CHEROKEE | PEGGS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHEROKEETAHLEQUAH4800000043004CHEROKEETENKILLER00 <td< td=""><td>CHEROKEE</td><td>SHADY GROVE</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<> | CHEROKEE | SHADY GROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHEROKEE TENKILLER 0 | CHEROKEE | TAHLEQUAH | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 4 |
| CHEROKEE WOODALL 0 | CHEROKEE | TENKILLER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHOCTAW BOSWELL 0 < | CHEROKEE | WOODALL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHOCTAW FORT TOWSON 0 | CHOCTAW | BOSWELL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHOCTAW HUGO 0 | CHOCTAW | FORT TOWSON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHOCTAW SOPER 0 <th< td=""><td>CHOCTAW</td><td>HUGO</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></th<> | CHOCTAW | HUGO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CHOCTAW SWINK 0 <th< td=""><td>CHOCTAW</td><td>SOPER</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></th<> | CHOCTAW | SOPER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CIMARRONBOISE CITY50,57454,22733,81138,78348,15142,00043,22143,89349,58533,94216,71240,432CIMARRONFELT12,23114,81311,23011,84114,80512,21014,30117,03916,4479,7884,59812,707CIMARRONKEYES14,56714,91210,0009,19811,74310,94512,55313,78610,3313,45609,692 | CHOCTAW | SWINK | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CIMARRONFELT12,23114,81311,23011,84114,80512,21014,30117,03916,4479,7884,59812,707CIMARRONKEYES14,56714,91210,0009,19811,74310,94512,55313,78610,3313,45609,692 | CIMARRON | BOISE CITY | 50,574 | 54,227 | 33,811 | 38,783 | 48,151 | 42,000 | 43,221 | 43,893 | 49,585 | 33,942 | 16,712 | 40,432 |
| CIMARRON KEYES 14,567 14,912 10,000 9,198 11,743 10,945 12,553 13,786 10,331 3,456 0 9,692 | CIMARRON | FELT | 12,231 | 14,813 | 11,230 | 11,841 | 14,805 | 12,210 | 14,301 | 17,039 | 16,447 | 9,788 | 4,598 | 12,707 |
| | CIMARRON | KEYES | 14,567 | 14,912 | 10,000 | 9,198 | 11,743 | 10,945 | 12,553 | 13,786 | 10,331 | 3,456 | 0 | 9,692 |
| CLEVELAND LEXINGTON 7,365 7,068 6,224 6,559 5,331 3,179 3,008 3,334 3,273 2,372 1,221 4,157 | CLEVELAND | LEXINGTON | 7,365 | 7,068 | 6,224 | 6,559 | 5,331 | 3,179 | 3,008 | 3,334 | 3,273 | 2,372 | 1,221 | 4,157 |

| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | | | | | | | | | | | | | |
|---|--------------------------------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
| CLEVELAND | LITTLE AXE | 8,302 | 8,073 | 6,897 | 6,915 | 5,774 | 3,417 | 3,342 | 3,788 | 4,100 | 3,022 | 1,524 | 4,685 |
| CLEVELAND | MOORE | 147,740 | 147,126 | 133,426 | 138,113 | 110,612 | 65,379 | 64,250 | 73,753 | 77,643 | 57,567 | 29,572 | 89,744 |
| CLEVELAND | NOBLE | 19,628 | 18,963 | 16,489 | 16,770 | 13,541 | 7,913 | 7,601 | 8,606 | 8,886 | 6,342 | 3,286 | 10,840 |
| CLEVELAND | NORMAN | 96,915 | 95,590 | 87,196 | 90,768 | 70,072 | 41,741 | 43,413 | 50,056 | 50,722 | 32,294 | 20,999 | 58,285 |
| CLEVELAND | ROBIN HILL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COAL | COALGATE | 1,389,483 | 1,249,306 | 756,628 | 952,521 | 803,163 | 691,230 | 794,672 | 910,515 | 847,382 | 446,077 | 597,053 | 804,855 |
| COAL | COTTONWOOD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COAL | OLNEY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COAL | TUPELO | 543,412 | 453,643 | 267,415 | 328,374 | 294,662 | 249,762 | 297,539 | 348,895 | 325,615 | 163,542 | 217,879 | 294,733 |
| COMANCHE | BISHOP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COMANCHE | CACHE | 8,405 | 10,468 | 6,440 | 7,947 | 5,416 | 3,005 | 2,851 | 3,536 | 3,519 | 2,229 | 1,190 | 4,660 |
| COMANCHE | CHATTANOOGA | 1,465 | 1,694 | 1,009 | 1,134 | 700 | 365 | 343 | 431 | 409 | 275 | 138 | 650 |
| COMANCHE | ELGIN | 8,653 | 11,302 | 7,122 | 9,153 | 6,300 | 3,549 | 3,420 | 4,160 | 4,088 | 2,598 | 1,271 | 5,296 |
| COMANCHE | FLETCHER | 2,494 | 2,883 | 1,649 | 2,024 | 1,440 | 773 | 726 | 810 | 789 | 491 | 278 | 1,186 |
| COMANCHE | FLOWER MOUND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COMANCHE | GERONIMO | 1,714 | 2,208 | 1,220 | 1,499 | 1,071 | 552 | 495 | 591 | 600 | 361 | 188 | 878 |
| COMANCHE | INDIAHOMA | 1,857 | 1,298 | 835 | 997 | 645 | 358 | 330 | 362 | 352 | 238 | 117 | 553 |
| COMANCHE | LAWTON | 82,774 | 98,913 | 56,520 | 61,848 | 45,398 | 24,287 | 22,187 | 25,928 | 24,177 | 14,976 | 7,797 | 38,203 |
| COMANCHE | STERLING | 2,120 | 2,572 | 1,534 | 1,923 | 1,280 | 675 | 630 | 718 | 697 | 430 | 207 | 1,067 |
| COTTON | BIG PASTURE | 11,596 | 17,495 | 11,211 | 14,603 | 10,528 | 4,954 | 4,146 | 4,645 | 5,463 | 4,089 | 1,680 | 7,881 |
| COTTON | TEMPLE | 11,455 | 18,196 | 12,181 | 13,086 | 8,135 | 4,184 | 3,731 | 4,391 | 5,147 | 3,652 | 1,600 | 7,430 |
| COTTON | WALTERS | 37,101 | 55,316 | 38,574 | 50,723 | 35,711 | 17,614 | 14,557 | 15,241 | 17,517 | 13,107 | 5,592 | 26,395 |
| CRAIG | BLUEJACKET | 363 | 238 | 179 | 230 | 164 | 85 | 148 | 91 | 54 | 27 | 64 | 128 |
| CRAIG | КЕТСНИМ | 1,136 | 753 | 503 | 607 | 500 | 266 | 405 | 261 | 160 | 83 | 183 | 372 |
| CRAIG | VINITA | 2,853 | 1,877 | 1,289 | 1,631 | 1,279 | 688 | 1,038 | 647 | 371 | 185 | 411 | 942 |
| CRAIG | WELCH | 710 | 430 | 293 | 368 | 266 | 145 | 233 | 139 | 86 | 38 | 85 | 208 |
| CRAIG | WHITE OAK | 874 | 76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| CREEK | ALLEN-BOWDEN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CREEK | BRISTOW | 161,545 | 129,303 | 193,393 | 158,775 | 131,755 | 85,117 | 85,318 | 98,034 | 114,669 | 91,330 | 44,436 | 113,213 |
| CREEK | DEPEW | 38,044 | 28,463 | 42,373 | 37,494 | 30,821 | 18,945 | 18,135 | 21,643 | 24,781 | 19,840 | 9,454 | 25,195 |
| CREEK | DRUMRIGHT | 63,498 | 48,422 | 70,851 | 56,170 | 46,809 | 29,332 | 27,143 | 28,845 | 36,538 | 45,341 | 11,963 | 40,141 |
| CREEK | GYPSY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CREEK | KELLYVILLE | 115,262 | 90,202 | 131,708 | 104,191 | 85,755 | 54,302 | 50,816 | 55,153 | 61,768 | 46,357 | 21,406 | 70,166 |
| CREEK | KIEFER | 47,256 | 40,039 | 65,601 | 58,594 | 51,814 | 35,296 | 35,661 | 43,393 | 53,948 | 45,672 | 23,400 | 45,342 |
| CREEK | LONE STAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CREEK | MANNFORD | 143,546 | 116,258 | 172,735 | 138,144 | 118,224 | 77,675 | 76,605 | 85,074 | 96,630 | 76,204 | 36,940 | 99,449 |
| CREEK | MOUNDS | 69,021 | 51,640 | 69,134 | 54,982 | 46,242 | 28,800 | 28,004 | 31,920 | 39,549 | 30,573 | 14,676 | 39,552 |
| CREEK | OILTON | 30,952 | 22,383 | 32,626 | 27,165 | 20,313 | 13,547 | 13,818 | 15,937 | 18,097 | 13,921 | 6,306 | 18,411 |
| CREEK | OLIVE | 40,144 | 30,169 | 45,515 | 35,641 | 29,661 | 18,524 | 17,067 | 19,830 | 22,026 | 14,865 | 6,691 | 23,999 |
| CREEK | PRETTY WATER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CREEK | SAPULPA | 406,614 | 312,191 | 462,567 | 370,540 | 303,998 | 198,415 | 189,215 | 215,670 | 248,914 | 194,268 | 91,449 | 258,723 |
| CUSTER | ARAPAHO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CUSTER | ARAPAHO-BUTLER | 94,719 | 115,538 | 66,871 | 64,770 | 61,704 | 38,237 | 47,733 | 83,742 | 126,011 | 85,755 | 109,618 | 79,998 |
| CUSTER | BUTLER | 0 | 0 | 0 | 0 | . 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CUSTER | CLINTON | 616,517 | 697,852 | 419,973 | 389,469 | 358,965 | 219,591 | 248,584 | 401,672 | 583,011 | 392,987 | 486,977 | 419,908 |
| CUSTER | THOMAS-FAY-CUSTER UNIFIED DIST | 142,334 | 154,967 | 87,627 | 81,585 | 73,654 | 46,801 | 51,762 | 89,631 | 135,309 | 89,015 | 107,637 | 91,799 |

Figure 36. (Cont.) Gross Production Tax Distributions by County/School District

| | | | | | .,,, | | - | | | | | | |
|----------|--------------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
| CUSTER | WEATHERFORD | 527,080 | 619,322 | 356,564 | 353,779 | 335,340 | 213,342 | 246,498 | 410,881 | 606,391 | 426,853 | 544,664 | 411,363 |
| DELAWARE | CLEORA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DELAWARE | COLCORD | 0 | 0 | 0 | 5 | 17 | 10 | 0 | 39 | 0 | 0 | 0 | 7 |
| DELAWARE | GROVE | 0 | 0 | 0 | 18 | 73 | 41 | 0 | 167 | 0 | 0 | 0 | 30 |
| DELAWARE | YAL | 0 | 0 | 0 | 12 | 50 | 25 | 0 | 111 | 0 | 0 | 0 | 20 |
| DELAWARE | KANSAS | 0 | 0 | 0 | 6 | 26 | 15 | 0 | 60 | 0 | 0 | 0 | 11 |
| DFLAWARF | KENWOOD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | LEACH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | MOSELEY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 2 | 7 | 1 | 0 | 16 | 0 | 0 | 0 | 2 |
| | | F12 200 | 722 600 | 667 246 | 1 002 402 | 202.240 | 480.027 | LE3 000 | 072 FFF | | | 667 470 | |
| DEVVEY | | 512,388 | 723,690 | 007,240 | 1,003,402 | 893,240 | 480,027 | 553,990 | 8/3,555 | 1,459,958 | 1,247,596 | 667,479 | 857,018 |
| DEWEY | TALOGA | 107,813 | 176,044 | 150,076 | 179,398 | 145,694 | 80,455 | 126,016 | 167,048 | 334,359 | 2/1,38/ | 132,139 | 176,262 |
| DEWEY | VICI | 405,091 | 526,494 | 498,690 | 816,317 | 734,365 | 370,451 | 420,728 | 644,337 | 1,058,896 | 837,183 | 459,127 | 636,659 |
| ELLIS | ARNETT | 389,700 | 601,280 | 760,588 | 921,882 | 806,414 | 442,310 | 489,587 | 537,569 | 591,471 | 483,131 | 313,266 | 594,750 |
| ELLIS | FARGO | 529,331 | 780,038 | 798,889 | 947,555 | 860,587 | 435,816 | 630,656 | 626,885 | 774,282 | 631,934 | 445,236 | 693,188 |
| ELLIS | GAGE | 258,872 | 379,106 | 366,622 | 422,503 | 374,037 | 150,304 | 0 | 0 | 0 | 0 | 0 | 169,257 |
| ELLIS | SHATTUCK | 761,891 | 1,128,952 | 1,349,945 | 1,626,158 | 1,538,767 | 792,019 | 821,484 | 972,404 | 1,212,806 | 1,052,183 | 668,040 | 1,116,276 |
| GARFIELD | CHISHOLM | 47,301 | 43,070 | 39,600 | 84,212 | 122,074 | 152,732 | 165,720 | 154,219 | 165,952 | 136,100 | 71,583 | 113,526 |
| GARFIELD | COVINGTON-DOUGLAS | 15,614 | 13,634 | 12,764 | 24,904 | 34,946 | 40,314 | 43,292 | 38,151 | 40,904 | 33,359 | 16,608 | 29,888 |
| GARFIELD | DRUMMOND | 17,327 | 15,378 | 14,640 | 29,427 | 41,562 | 47,157 | 49,577 | 47,890 | 50,527 | 40,201 | 21,687 | 35,805 |
| GARFIELD | ENID | 342.999 | 318.244 | 314.911 | 661.586 | 953.881 | 1.152.354 | 1.259.820 | 1.079.476 | 1.111.362 | 871.346 | 466.501 | 818.948 |
| GARFIFID | GARBER | 16,922 | 15,642 | 14,975 | 33,188 | 45,170 | 55,262 | 59.743 | 51,236 | 52,602 | 43,790 | 24,090 | 39,570 |
| GARFIELD | KREMLIN-HILLSDALE | 14 789 | 14 085 | 14 640 | 29 342 | 39 359 | 43 994 | 50 408 | 42 123 | 43 825 | 33 526 | 17 277 | 32 858 |
| GAREIELD | | 30 823 | 27 137 | 25 505 | 50 269 | 71 785 | 80 493 | 88 362 | 75 817 | 76 614 | 58 215 | 30 954 | 58 515 |
| GARTIELD | | 17 006 | 16 020 | 15 129 | 20 244 | 16 995 | 59 525 | 66 017 | 61 542 | 62 846 | 47 920 | 24 749 | 42 002 |
| GARFIELD | | 17,990 | 10,059 | 15,150 | 30,344 | 40,995 | 20,525 | 227 109 | 01,545 | 420,280 | 47,629 | 24,749 | 45,095 |
| GARVIN | | 252,930 | 311,248 | 210,058 | 2/3,/34 | 305,144 | 188,712 | 237,108 | 304,806 | 430,280 | 355,007 | 349,050 | 290,575 |
| GARVIN | | 500,704 | 708,741 | 510,030 | 040,313 | 738,902 | 481,845 | 5/9,5/1 | /19,895 | 1,029,406 | 808,029 | 840,398 | /12,3/3 |
| GARVIN | WAYSVILLE | 203,866 | 248,619 | 162,528 | 204,481 | 223,155 | 139,153 | 158,749 | 194,346 | 266,374 | 224,195 | 218,018 | 203,962 |
| GARVIN | PAOLI | 124,810 | 158,741 | 104,215 | 134,576 | 158,755 | 98,226 | 116,467 | 155,450 | 206,904 | 162,360 | 146,809 | 144,250 |
| GARVIN | PAULS VALLEY | 648,758 | 792,965 | 544,340 | 707,136 | 789,607 | 506,609 | 622,294 | 763,632 | 1,152,781 | 923,224 | 861,709 | 766,430 |
| GARVIN | STRATFORD | 298,772 | 381,492 | 280,373 | 364,983 | 418,404 | 273,360 | 331,737 | 410,904 | 552,256 | 456,298 | 439,005 | 390,881 |
| GARVIN | WHITEBEAD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GARVIN | WYNNEWOOD | 312,020 | 407,717 | 286,582 | 383,988 | 427,803 | 270,458 | 328,047 | 408,925 | 581,970 | 492,269 | 474,737 | 406,250 |
| GRADY | ALEX | 126,653 | 114,230 | 84,161 | 125,507 | 164,361 | 141,042 | 182,420 | 308,923 | 420,005 | 337,911 | 334,382 | 221,294 |
| GRADY | AMBER-POCASSET | 163,294 | 161,380 | 137,234 | 195,029 | 257,155 | 223,193 | 274,681 | 478,022 | 646,633 | 533,724 | 518,470 | 342,552 |
| GRADY | BRIDGE CREEK | 486,824 | 470,411 | 401,159 | 586,042 | 753,462 | 681,203 | 871,120 | 1,552,787 | 2,083,555 | 1,748,174 | 1,784,256 | 1,093,217 |
| GRADY | снісказна | 885.531 | 835.769 | 686.697 | 990.323 | 1.254.293 | 1.109.739 | 1.379.966 | 2.302.247 | 2.955.046 | 2.283.497 | 2.228.880 | 1.602.646 |
| GRADY | FRIEND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GRADY | MIDDLEBERG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GRADY | MINCO | 197 830 | 194 639 | 165 978 | 231 /09 | 307 952 | 268 206 | 378 151 | 577 /13 | 773 932 | 600 672 | 580 554 | 102 801 |
| GRADY | | 170,000 | 190.049 | 145 256 | 201,405 | 274 252 | 200,200 | 212 401 | 577,413 | 605 922 | 544 675 | 551 912 | 268 054 |
| CRADY | | 179,098 | 180,048 | 145,550 | 204,337 | 274,333 | 249,207 | 312,401 | 522,423 | 095,852 | 544,075 | 551,815 | 508,054 |
| GRADY | | 211.056 | 205 526 | 0 | 0 | 0 | 0 | 0 | 520 727 | 0 | 520.202 | 520.012 | 0 |
| GRADY | | 211,056 | 205,526 | 1/1,362 | 241,613 | 308,372 | 259,469 | 329,930 | 530,/3/ | 690,265 | 538,303 | 528,913 | 380,449 |
| GRADY | IUTILE | 616,954 | 601,155 | 509,442 | /23,587 | 932,217 | 840,941 | 1,076,910 | 1,882,956 | 2,506,779 | 2,031,606 | 2,047,452 | 1,315,305 |
| GRADY | VERDEN | 94,713 | 94,414 | 79,876 | 108,098 | 132,579 | 120,281 | 155,898 | 261,859 | 354,415 | 300,639 | 299,969 | 190,803 |
| GRANT | JDEER CREEK-LAMONT | 116,277 | 126,184 | 232,550 | 459,856 | 524,299 | 250,133 | 193,062 | 151,186 | 147,701 | 64,371 | 32,867 | 218,221 |

| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | | | | | | | | | | | | | |
|---|-----------------------|---------|---------|---------|---------|-----------|---------|---------|-----------|-----------|-----------|-----------|-----------|
| County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
| GRANT | MEDFORD | 134,929 | 199,197 | 340,906 | 763,590 | 885,819 | 391,832 | 293,665 | 239,222 | 230,158 | 108,299 | 64,979 | 351,767 |
| GRANT | POND CREEK-HUNTER | 171,330 | 194,248 | 367,273 | 807,097 | 1,002,050 | 483,731 | 372,694 | 282,436 | 274,414 | 133,042 | 78,505 | 399,549 |
| GRANT | WAKITA | 42,226 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GREER | GRANITE | 536 | 462 | 549 | 502 | 397 | 287 | 235 | 596 | 666 | 224 | 104 | 402 |
| GREER | MANGUM | 1,448 | 1,294 | 1,480 | 1,380 | 1,022 | 702 | 628 | 1,696 | 2,047 | 687 | 323 | 1,126 |
| HARMON | HOLLIS | 2,610 | 2,970 | 1,603 | 1,517 | 1,329 | 568 | 483 | 751 | 823 | 631 | 299 | 1,098 |
| HARPER | BUFFALO | 227,917 | 263,746 | 236,799 | 218,472 | 168,222 | 111,546 | 78,626 | 89,288 | 94,715 | 44,836 | 40,760 | 134,701 |
| HARPER | LAVERNE | 364,953 | 438,364 | 394,191 | 349,875 | 261,142 | 192,847 | 141,286 | 151,520 | 155,799 | 69,655 | 66,603 | 222,128 |
| HASKELL | КЕОТА | 65,141 | 44,867 | 27,710 | 31,083 | 22,711 | 11,664 | 23,091 | 20,296 | 20,050 | 9,200 | 20,312 | 23,098 |
| HASKELL | KINTA | 30,322 | 23,415 | 13,745 | 14,013 | 10,284 | 5,435 | 10,659 | 9,575 | 10,277 | 4,832 | 9,923 | 11,216 |
| HASKELL | MCCURTAIN | 38,428 | 26,121 | 15,930 | 16,147 | 12,933 | 6,419 | 11,872 | 11,402 | 11,403 | 4,989 | 10,028 | 12,724 |
| HASKELL | STIGLER | 201,625 | 144,854 | 87,140 | 92,591 | 71,879 | 37,864 | 70,028 | 67,799 | 64,726 | 29,823 | 61,201 | 72,790 |
| HASKELL | WHITEFIELD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HUGHES | CALVIN | 111,081 | 112,195 | 55,983 | 59,590 | 51,500 | 56,255 | 68,879 | 89,685 | 139,655 | 98,542 | 98,132 | 83,041 |
| HUGHES | DUSTIN | 76,332 | 54,401 | 22,930 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,733 |
| HUGHES | HOLDENVILLE | 775,282 | 668,658 | 362,853 | 411,447 | 334,797 | 345,490 | 495,166 | 639,290 | 917,282 | 625,110 | 655,745 | 545,584 |
| HUGHES | MOSS | 200,485 | 174,118 | 88,231 | 96,582 | 83,802 | 95,286 | 123,466 | 165,728 | 246,609 | 168,369 | 166,101 | 140,829 |
| HUGHES | STUART | 191,508 | 158,391 | 93,591 | 100,834 | 81,758 | 92,757 | 125,699 | 155,785 | 238,326 | 159,517 | 165,698 | 137,235 |
| HUGHES | WETUMKA | 322,244 | 294,791 | 163,811 | 180,767 | 150,100 | 152,390 | 207,061 | 261,784 | 370,709 | 250,655 | 268,878 | 230,095 |
| JACKSON | ALTUS | 58,683 | 32,779 | 27,415 | 94,148 | 81,518 | 47,582 | 25,741 | 32,221 | 26,019 | 18,624 | 5,561 | 39,161 |
| JACKSON | BLAIR | 2,962 | 2,639 | 2,149 | 7,951 | 6,600 | 3,981 | 2,202 | 2,770 | 2,251 | 1,514 | 449 | 3,251 |
| JACKSON | DUKE | 1,951 | 1,599 | 1,447 | 5,090 | 4,193 | 2,655 | 1,376 | 1,717 | 1,368 | 885 | 295 | 2,063 |
| JACKSON | ELDORADO | 1,176 | 1,108 | 942 | 2,950 | 2,286 | 1,156 | 515 | 0 | 0 | 0 | 0 | 896 |
| JACKSON | NAVAJO | 5,046 | 4,215 | 3,334 | 11,030 | 9,968 | 6,308 | 3,563 | 5,073 | 4,086 | 2,998 | 878 | 5,145 |
| JACKSON | OLUSTEE | 1,694 | 1,412 | 1,132 | 3,866 | 3,656 | 2,059 | 1,085 | 0 | 0 | 0 | 0 | 1,321 |
| JACKSON | OLUSTEE-ELDORADO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,887 | 1,503 | 1,040 | 352 | 478 |
| JEFFERSON | RINGLING | 80,792 | 97,678 | 71,334 | 99,723 | 49,315 | 8,532 | 13,272 | 15,826 | 19,583 | 19,533 | 18,369 | 41,316 |
| JEFFERSON | RYAN | 36,350 | 60,820 | 41,610 | 59,551 | 30,434 | 5,326 | 7,750 | 8,401 | 11,682 | 12,781 | 6,732 | 24,509 |
| JEFFERSON | TERRAL | 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| JEFFERSON | WAURIKA | 65,814 | 99,803 | 67,308 | 97,156 | 44,609 | 8,162 | 12,609 | 14,927 | 20,789 | 22,844 | 12,124 | 40,033 |
| JOHNSTON | COLEMAN | 13,336 | 28,019 | 22,021 | 33,126 | 38,893 | 35,986 | 26,328 | 27,414 | 32,699 | 47,525 | 24,075 | 31,609 |
| JOHNSTON | MANNSVILLE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| JOHNSTON | MILBURN | 13,366 | 26,670 | 19,794 | 31,318 | 40,572 | 32,960 | 29,984 | 32,179 | 40,901 | 59,635 | 28,688 | 34,270 |
| JOHNSTON | MILL CREEK | 10,744 | 20,696 | 14,417 | 22,376 | 30,113 | 28,557 | 24,456 | 28,148 | 31,857 | 48,714 | 24,054 | 27,339 |
| JOHNSTON | RAVIA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| JOHNSTON | TISHOMINGO | 60,102 | 123,776 | 93,984 | 153,210 | 196,523 | 173,114 | 138,244 | 154,309 | 174,769 | 261,663 | 131,288 | 160,088 |
| JOHNSTON | WAPANUCKA | 15,503 | 31,158 | 22,425 | 38,355 | 48,739 | 44,426 | 36,788 | 42,568 | 49,186 | 75,031 | 36,010 | 42,469 |
| KAY | BLACKWELL | 129,011 | 163,044 | 116,178 | 162,131 | 182,009 | 140,975 | 83,808 | 75,062 | 70,089 | 42,160 | 20,574 | 105,603 |
| КАҮ | BRAMAN | 7,130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KAY | BRAMAN (Consolidated) | 0 | 934 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 |
| KAY | KILDARE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KAY | NEWKIRK | 49,794 | 83,652 | 66,842 | 95,781 | 110,189 | 88,014 | 52,428 | 48,503 | 45,765 | 27,587 | 13,673 | 63,243 |
| КАҮ | PECKHAM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| КАҮ | PONCA CITY | 411,152 | 549,320 | 410,166 | 584,005 | 663,490 | 522,852 | 313,621 | 283,596 | 264,082 | 165,383 | 85,993 | 384,251 |
| KAY | TONKAWA | 64,548 | 82,668 | 59,634 | 81,882 | 91,477 | 73,602 | 44,633 | 43,591 | 42,135 | 27,118 | 14,589 | 56,133 |
| KINGFISHER | CASHION | 176,979 | 182,506 | 126,148 | 166,555 | 268,318 | 261,753 | 595,211 | 1,346,823 | 1,993,197 | 2,061,411 | 1,248,454 | 825,038 |

| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | | | | | | | | | | | | | |
|---|----------------------|-----------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
| KINGFISHER | DOVER | 79,991 | 77,474 | 57,611 | 66,091 | 100,722 | 92,382 | 197,970 | 401,227 | 573,785 | 553,458 | 296,680 | 241,740 |
| KINGFISHER | HENNESSEY | 280,808 | 277,043 | 215,733 | 289,496 | 467,583 | 471,463 | 1,059,249 | 2,344,552 | 3,256,804 | 3,029,089 | 1,740,439 | 1,315,145 |
| KINGFISHER | KINGFISHER | 426,815 | 450,769 | 360,307 | 492,967 | 748,585 | 746,100 | 1,692,524 | 3,842,242 | 5,515,262 | 5,247,993 | 2,999,748 | 2,209,650 |
| KINGFISHER | LOMEGA | 75,403 | 77,629 | 57,265 | 76,647 | 124,977 | 124,927 | 303,429 | 644,730 | 874,902 | 803,596 | 447,283 | 353,538 |
| KINGFISHER | OKARCHE | 105,794 | 108,064 | 75,765 | 98,952 | 164,225 | 174,532 | 407,946 | 965,935 | 1,358,477 | 1,351,250 | 777,992 | 548,314 |
| KIOWA | HOBART | 34,245 | 32,495 | 17,677 | 16,665 | 12,770 | 10,259 | 9,696 | 14,118 | 9,500 | 5,095 | 4,706 | 13,298 |
| KIOWA | LONE WOLF | 4,258 | 3,858 | 1,776 | 1,678 | 1,462 | 1,025 | 1,462 | 2,143 | 1,299 | 606 | 677 | 1,599 |
| KIOWA | MOUNTAIN VIEW-GOTEBO | 10,380 | 9,402 | 5,609 | 5,340 | 3,917 | 3,069 | 2,987 | 4,247 | 2,811 | 1,597 | 1,547 | 4,053 |
| KIOWA | SNYDER | 22,011 | 21,025 | 11,153 | 10,086 | 6,795 | 5,306 | 5,324 | 7,707 | 5,467 | 3,125 | 3,164 | 7,915 |
| LATIMER | BUFFALO VALLEY | 194,450 | 121,378 | 87,226 | 89,152 | 36,236 | 27,253 | 43,365 | 53,150 | 32,179 | 24,533 | 35,287 | 54,976 |
| LATIMER | PANOLA | 302,109 | 169,070 | 115,658 | 105,506 | 40,727 | 27,785 | 46,504 | 52,074 | 24,354 | 17,590 | 0 | 59,927 |
| LATIMER | PANOLA ELEMENTARY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LATIMER | RED OAK | 259,171 | 162,302 | 120,737 | 121,386 | 50,751 | 47,582 | 88,504 | 110,179 | 65,652 | 52,987 | 85,240 | 90,532 |
| LATIMER | WILBURTON | 1,126,836 | 681,959 | 478,896 | 457,291 | 184,100 | 161,015 | 274,187 | 304,412 | 187,616 | 137,130 | 225,277 | 309,188 |
| LE FLORE | ARKOMA | 19,021 | 13,127 | 9,193 | 11,082 | 6,831 | 3,379 | 7,391 | 8,320 | 6,435 | 3,400 | 5,263 | 7,442 |
| LE FLORE | BOKOSHE | 12,356 | 7,768 | 4,899 | 5,972 | 3,438 | 1,740 | 4,054 | 4,309 | 3,244 | 1,575 | 2,221 | 3,922 |
| LE FLORE | CAMERON | 20,222 | 12,980 | 7,563 | 8,646 | 5,347 | 2,300 | 5,062 | 6,059 | 4,486 | 2,501 | 3,777 | 5,872 |
| LE FLORE | FANSHAWE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LE FLORE | HEAVENER | 59,812 | 40,513 | 25,561 | 30,230 | 18,918 | 8,738 | 19,783 | 20,896 | 15,970 | 7,949 | 12,290 | 20,085 |
| LE FLORE | HODGEN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LE FLORE | HOWE | 24,472 | 18,426 | 12,696 | 13,945 | 8,949 | 4,642 | 11,088 | 11,907 | 9,912 | 5,471 | 8,728 | 10,576 |
| LE FLORE | LE FLORE | 12,125 | 7,880 | 5,256 | 6,303 | 3,816 | 1,737 | 4,283 | 4,501 | 3,686 | 2,116 | 3,563 | 4,314 |
| LE FLORE | MONROE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LE FLORE | PANAMA | 41,412 | 25,762 | 16,450 | 19,280 | 12,690 | 6,034 | 13,940 | 14,580 | 11,733 | 6,185 | 10,054 | 13,671 |
| LE FLORE | POCOLA | 47,908 | 30,834 | 20,859 | 22,695 | 14,416 | 6,677 | 15,644 | 17,252 | 13,917 | 6,848 | 10,429 | 15,957 |
| LE FLORE | POTEAU | 129,365 | 84,727 | 57,934 | 64,765 | 40,440 | 19,009 | 44,028 | 46,543 | 37,210 | 19,390 | 30,321 | 44,437 |
| LE FLORE | SHADY POINT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LE FLORE | SPIRO | 68,282 | 43,783 | 29,405 | 33,171 | 19,833 | 9,078 | 20,684 | 21,800 | 17,056 | 8,971 | 14,099 | 21,788 |
| LE FLORE | TALIHINA | 37,312 | 23,680 | 15,796 | 17,636 | 10,882 | 4,973 | 11,338 | 11,801 | 9,181 | 4,560 | 7,433 | 11,728 |
| LE FLORE | WHITESBORO | 11,130 | 6,824 | 4,931 | 5,460 | 3,577 | 1,691 | 3,768 | 4,396 | 3,730 | 1,831 | 2,682 | 3,889 |
| LE FLORE | WISTER | 31,936 | 20,846 | 13,750 | 15,696 | 10,213 | 4,812 | 10,339 | 10,937 | 7,893 | 4,023 | 6,524 | 10,503 |
| LINCOLN | AGRA | 87,981 | 68,513 | 50,941 | 65,977 | 40,937 | 37,648 | 38,360 | 46,860 | 43,361 | 22,092 | 14,482 | 42,917 |
| LINCOLN | CARNEY | 46,129 | 33,629 | 25,171 | 34,082 | 20,223 | 20,310 | 27,103 | 36,131 | 32,854 | 17,469 | 11,619 | 25,859 |
| LINCOLN | CHANDLER | 246,532 | 185,994 | 131,120 | 163,567 | 106,649 | 109,632 | 137,646 | 165,026 | 157,696 | 81,897 | 57,372 | 129,660 |
| LINCOLN | DAVENPORT | 80,837 | 59,089 | 41,044 | 51,718 | 35,511 | 34,878 | 43,975 | 52,554 | 50,849 | 28,545 | 20,475 | 41,864 |
| LINCOLN | MEEKER | 184,790 | 143,099 | 103,965 | 128,646 | 79,228 | 77,910 | 97,345 | 120,846 | 113,767 | 56,081 | 37,584 | 95,847 |
| LINCOLN | PRAGUE | 226,658 | 177,557 | 127,733 | 150,845 | 95,360 | 97,067 | 117,277 | 147,636 | 137,464 | 74,025 | 50,809 | 117,577 |
| LINCOLN | STROUD | 187,229 | 140,608 | 102,203 | 123,814 | 76,792 | 74,634 | 93,978 | 109,829 | 105,292 | 55,680 | 39,130 | 92,196 |
| LINCOLN | WELLSTON | 140,795 | 106,138 | 78,347 | 97,427 | 62,799 | 59,093 | 73,794 | 85,257 | 77,951 | 39,945 | 27,745 | 70,850 |
| LINCOLN | WHITE ROCK | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LOGAN | COYLE | 38,684 | 33,705 | 37,770 | 59,266 | 119,696 | 95,034 | 51,456 | 86,484 | 83,812 | 61,526 | 32,405 | 66,115 |
| LOGAN | CRESCENT | 73,319 | 61,119 | 72,099 | 114,783 | 273,145 | 205,781 | 100,785 | 155,483 | 138,761 | 105,747 | 57,831 | 128,554 |
| LOGAN | GUTHRIE | 366,495 | 325,805 | 376,658 | 614,402 | 1,435,606 | 1,092,243 | 556,215 | 870,018 | 820,419 | 632,553 | 359,018 | 708,294 |
| LOGAN | MULHALL-ORLANDO | 27,626 | 25,025 | 28,808 | 46,408 | 99,894 | 75,863 | 39,804 | 66,234 | 57,350 | 44,204 | 23,890 | 50,748 |
| LOVE | GREENVILLE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LOVE | MARIETTA | 174,216 | 190,173 | 206,630 | 394,549 | 281,646 | 220,844 | 517,902 | 675,088 | 661,090 | 561,455 | 316,472 | 402,585 |

| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | | | | | | | | | | | | | |
|---|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
| LOVE | THACKERVILLE | 56,462 | 59,015 | 58,431 | 111,673 | 81,298 | 67,638 | 167,833 | 208,471 | 187,077 | 139,217 | 76,936 | 115,759 |
| LOVE | TURNER | 52,500 | 62,338 | 69,202 | 125,368 | 88,055 | 68,909 | 155,209 | 192,614 | 190,921 | 161,739 | 84,708 | 119,906 |
| MAJOR | ALINE-CLEO | 224,097 | 216,373 | 135,219 | 134,128 | 120,492 | 70,402 | 64,972 | 97,265 | 160,115 | 127,387 | 92,256 | 121,861 |
| MAJOR | CIMARRON | 381,593 | 388,563 | 253,553 | 266,260 | 222,166 | 121,740 | 108,944 | 157,386 | 294,220 | 249,846 | 181,693 | 224,437 |
| MAJOR | FAIRVIEW | 836,594 | 861,333 | 565,298 | 658,658 | 573,755 | 334,344 | 298,354 | 483,074 | 887,226 | 757,049 | 560,492 | 597,958 |
| MAJOR | RINGWOOD | 510,675 | 526,230 | 335,964 | 367,432 | 324,741 | 187,268 | 169,741 | 265,214 | 434,390 | 365,710 | 265,912 | 324,260 |
| MARSHALL | KINGSTON | 123,764 | 176,114 | 263,576 | 273,594 | 317,545 | 218,028 | 160,901 | 200,622 | 248,639 | 118,928 | 120,296 | 209,824 |
| MARSHALL | MADILL | 206,587 | 284,864 | 420,091 | 416,535 | 473,288 | 314,341 | 233,530 | 291,867 | 355,479 | 168,494 | 169,922 | 312,841 |
| MAYES | ADAIR | 1,104 | 1,295 | 212 | 332 | 225 | 117 | 827 | 780 | 794 | 587 | 216 | 539 |
| MAYES | CHOUTEAU-MAZIE | 975 | 1,138 | 179 | 272 | 188 | 98 | 689 | 640 | 634 | 477 | 165 | 448 |
| MAYES | LOCUST GROVE | 1,722 | 1,985 | 317 | 489 | 311 | 156 | 1,129 | 1,021 | 1,029 | 752 | 268 | 746 |
| MAYES | OSAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAYES | PRYOR | 2,736 | 3,246 | 565 | 849 | 554 | 292 | 2,110 | 1,912 | 1,985 | 1,499 | 546 | 1,356 |
| MAYES | SALINA | 1,819 | 1,946 | 184 | 268 | 173 | 90 | 670 | 623 | 596 | 434 | 159 | 514 |
| MAYES | WICKLIFFE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCLAIN | BLANCHARD | 220,784 | 246,777 | 201,168 | 271,705 | 210,786 | 145,282 | 134,101 | 263,518 | 423,520 | 601,353 | 413,504 | 291,171 |
| MCCLAIN | DIBBLE | 93,426 | 97,919 | 78,409 | 104,431 | 78,215 | 50,616 | 44,461 | 83,597 | 139,573 | 203,011 | 141,214 | 102,145 |
| MCCLAIN | NEWCASTLE | 221,244 | 243,371 | 194,501 | 272,906 | 216,787 | 150,447 | 144,360 | 284,772 | 454,634 | 656,084 | 474,756 | 309,262 |
| MCCLAIN | PURCELL | 192,730 | 208,964 | 165,762 | 217,756 | 163,654 | 107,054 | 98,476 | 187,592 | 291,964 | 411,472 | 286,972 | 213,966 |
| MCCLAIN | WASHINGTON | 123,810 | 136,321 | 108,283 | 144,336 | 111,270 | 75,517 | 70,146 | 136,400 | 222,307 | 313,300 | 212,440 | 153,032 |
| MCCLAIN | WAYNE | 67,811 | 74,650 | 58,270 | 76,030 | 60,577 | 40,886 | 36,597 | 69,157 | 111,194 | 142,813 | 96,431 | 76,661 |
| MCCURTAIN | BATTIEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | BROKEN BOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | DENISON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | EAGLETOWN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | FOREST GROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | GLOVER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | HAWORTH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | HOLLY CREEK | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | IDABEL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | LUKFATA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | SMITHVILLE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | VALLIANT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCCURTAIN | WRIGHT CITY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCINTOSH | СНЕСОТАН | 57,602 | 38,889 | 20,013 | 17,879 | 13,587 | 7,673 | 13,184 | 11,511 | 10,668 | 8,140 | 80,666 | 22,221 |
| MCINTOSH | EUFAULA | 47,598 | 33,095 | 15,663 | 13,885 | 10,526 | 5,940 | 10,036 | 9,049 | 8,501 | 6,628 | 67,323 | 18,065 |
| MCINTOSH | HANNA | 8,042 | 6,542 | 3,669 | 3,203 | 2,025 | 521 | 899 | 703 | 672 | 472 | 4,086 | 2,279 |
| MCINTOSH | MIDWAY | 7,730 | 5,876 | 2,856 | 2,693 | 2,247 | 1,084 | 2,064 | 1,822 | 1,703 | 1,265 | 13,030 | 3,464 |
| MCINTOSH | RYAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MCINTOSH | STIDHAM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MURRAY | DAVIS | 70,207 | 65,988 | 65,433 | 59,522 | 40,823 | 17,337 | 20,461 | 26,217 | 31,362 | 19,022 | 10,036 | 35,620 |
| MURRAY | SULPHUR | 99,030 | 89,762 | 88,817 | 82,747 | 57,555 | 25,293 | 29,859 | 34,670 | 46,615 | 29,578 | 16,587 | 50,148 |
| MUSKOGEE | BOYNTON-MOTON | 240 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MUSKOGEE | BRAGGS | 648 | 438 | 483 | 457 | 359 | 137 | 206 | 293 | 186 | 134 | 70 | 276 |
| MUSKOGEE | FORT GIBSON | 5,367 | 3,881 | 4,580 | 4,559 | 3,786 | 1,411 | 2,079 | 2,993 | 2,231 | 1,593 | 783 | 2,790 |
| MUSKOGEE | HASKELL | 2,582 | 1,890 | 2,165 | 2,121 | 1,694 | 609 | 928 | 1,381 | 999 | 674 | 321 | 1,278 |

| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | | | | | | | | | | | | | |
|---|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
| MUSKOGEE | HILLDALE | 5,257 | 3,796 | 4,449 | 4,457 | 3,729 | 1,409 | 2,107 | 3,031 | 2,224 | 1,626 | 862 | 2,769 |
| MUSKOGEE | MUSKOGEE | 18,329 | 13,213 | 15,222 | 15,130 | 11,665 | 4,526 | 7,438 | 9,129 | 7,463 | 3,945 | 2,409 | 9,014 |
| MUSKOGEE | ОКТАНА | 2,128 | 1,552 | 1,835 | 1,916 | 1,543 | 570 | 821 | 1,227 | 919 | 637 | 299 | 1,132 |
| MUSKOGEE | PORUM | 1,513 | 1,088 | 1,207 | 1,185 | 984 | 376 | 567 | 805 | 602 | 416 | 193 | 742 |
| MUSKOGEE | WAINWRIGHT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MUSKOGEE | WARNER | 2,059 | 1,539 | 1,801 | 1,768 | 1,483 | 574 | 890 | 1,321 | 1,005 | 742 | 355 | 1,148 |
| MUSKOGEE | WEBBERS FALLS | 774 | 593 | 702 | 694 | 536 | 199 | 321 | 441 | 354 | 254 | 131 | 422 |
| NOBLE | BILLINGS | 36,921 | 31,498 | 20,783 | 33,490 | 35,229 | 26,629 | 13,633 | 16,429 | 12,951 | 10,569 | 5,714 | 20,693 |
| NOBLE | FRONTIER | 113,639 | 107,428 | 85,328 | 167,782 | 200,069 | 154,068 | 68,493 | 82,362 | 69,739 | 56,651 | 29,430 | 102,135 |
| NOBLE | MORRISON | 192,759 | 181,439 | 144,211 | 262,735 | 304,506 | 219,029 | 102,978 | 133,738 | 119,037 | 93,065 | 47,834 | 160,857 |
| NOBLE | PERRY | 398,401 | 379,548 | 291,048 | 546,952 | 642,166 | 478,528 | 206,063 | 251,229 | 212,157 | 171,563 | 85,733 | 326,499 |
| NOWATA | NOWATA | 65,560 | 93,089 | 56,113 | 76,943 | 30,518 | 25,273 | 32,490 | 25,943 | 23,620 | 15,190 | 9,604 | 38,878 |
| NOWATA | OKLAHOMA UNION | 34,790 | 62,904 | 37,127 | 53,583 | 20,961 | 18,237 | 23,399 | 19,592 | 18,701 | 12,905 | 7,651 | 27,506 |
| NOWATA | SOUTH COFFEYVILLE | 14,272 | 26,222 | 15,080 | 20,930 | 8,899 | 7,119 | 9,434 | 7,570 | 6,667 | 4,513 | 2,849 | 10,928 |
| OKFUSKEE | BEARDEN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKFUSKEE | BOLEY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKFUSKEE | GRAHAM | 25,807 | 19,241 | 122,011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,125 |
| OKFUSKEE | GRAHAM-DUSTIN | 0 | 0 | 0 | 160,465 | 173,153 | 23,241 | 16,410 | 17,096 | 16,686 | 11,839 | 11,694 | 43,058 |
| OKFUSKEE | MASON | 29,501 | 19,136 | 19,717 | 20,653 | 17,645 | 23,854 | 24,321 | 25,252 | 24,603 | 18,022 | 17,711 | 21,091 |
| OKFUSKEE | ОКЕМАН | 130,185 | 80,633 | 71,577 | 63,900 | 54,592 | 76,810 | 73,956 | 76,148 | 73,911 | 54,088 | 53,426 | 67,904 |
| OKFUSKEE | PADEN | 32,344 | 21,661 | 19,752 | 18,931 | 16,780 | 21,521 | 22,660 | 24,015 | 22,768 | 16,732 | 15,908 | 20,073 |
| OKFUSKEE | WELEETKA | 58,335 | 37,678 | 34,380 | 29,514 | 26,090 | 36,488 | 36,795 | 38,819 | 37,805 | 29,394 | 29,551 | 33,651 |
| OKLAHOMA | (ILC) POOLED INVESTMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | ASTEC CHARTERS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | BETHANY | 22,502 | 18,217 | 21,912 | 17,686 | 16,876 | 9,776 | 10,434 | 11,852 | 11,394 | 8,329 | 7,184 | 13,366 |
| OKLAHOMA | CHOCTAW-NICOMA PARK | 69,865 | 56,239 | 77,766 | 78,471 | 76,110 | 32,888 | 33,552 | 38,722 | 37,186 | 26,920 | 23,355 | 48,121 |
| OKLAHOMA | CROOKED OAK | 14,858 | 11,774 | 14,126 | 11,882 | 11,013 | 6,511 | 7,413 | 8,084 | 7,565 | 5,497 | 4,880 | 8,875 |
| OKLAHOMA | CRUTCHO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | DEER CREEK | 50,505 | 41,375 | 55,684 | 48,302 | 50,075 | 30,776 | 34,440 | 40,721 | 40,987 | 31,998 | 28,866 | 40,322 |
| OKLAHOMA | EDMOND | 294,519 | 236,684 | 287,168 | 236,422 | 226,758 | 133,152 | 144,365 | 166,821 | 162,513 | 120,868 | 106,506 | 182,126 |
| OKLAHOMA | EPIC BLENDED LEARNING CHARTER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | EPIC ONE ON ONE CHARTER SCHOOL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | HARRAH | 31,645 | 24,628 | 28,218 | 22,504 | 20,712 | 11,815 | 12,773 | 14,976 | 14,811 | 10,785 | 9,355 | 17,058 |
| OKLAHOMA | INSIGHT SCHOOL OF OKLAHOMA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | JOHN W REX CHARTER ELEMENTARY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | JONES | 16,276 | 12,898 | 15,248 | 12,025 | 11,218 | 6,285 | 6,789 | 7,773 | 7,280 | 5,275 | 4,648 | 8,944 |
| OKLAHOMA | LUTHER | 11,899 | 9,685 | 11,116 | 9,228 | 9,179 | 5,267 | 5,241 | 5,378 | 5,307 | 3,822 | 3,260 | 6,748 |
| OKLAHOMA | MIDWEST CITY-DEL CITY | 202,113 | 160,774 | 188,441 | 152,195 | 141,847 | 82,279 | 86,264 | 96,208 | 91,342 | 65,914 | 57,307 | 112,257 |
| OKLAHOMA | MILLWOOD | 13,973 | 11,654 | 13,605 | 9,447 | 10,032 | 5,577 | 5,401 | 5,866 | 5,504 | 4,474 | 3,938 | 7,550 |
| OKLAHOMA | OAKDALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | OKC CHARTER SANTA FE SOUTH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | OKC CHARTER: DOVE SCIENCE ACAD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | OKC CHARTER: HARDING CHARTER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | OKC CHARTER: HARDING FINE ARTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | OKC CHARTER: HUPFELD/W VILLAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | OKC CHARTER: INDEPENDENCE MS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | | | | | | | | | | | | | |
|---|-------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
| OKLAHOMA | OKC CHARTER: KIPP REACH COLL. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | OKC CHARTER: SEEWORTH ACADEMY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | OKLAHOMA CITY | 589,555 | 521,416 | 505,764 | 461,756 | 444,176 | 260,004 | 278,520 | 314,769 | 325,529 | 250,419 | 223,803 | 358,616 |
| OKLAHOMA | OKLAHOMA CONNECTIONS ACADEMY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | OKLAHOMA VIRTUAL CHARTER ACAD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | OKLAHOMA YOUTH ACADEMY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKLAHOMA | PUTNAM CITY | 257,800 | 206,784 | 246,295 | 200,119 | 189,167 | 108,953 | 115,377 | 131,286 | 125,261 | 90,827 | 79,711 | 149,378 |
| OKLAHOMA | WESTERN HEIGHTS | 48,036 | 39,240 | 47,542 | 38,222 | 36,154 | 21,041 | 21,835 | 23,397 | 21,404 | 15,214 | 13,201 | 27,725 |
| OKMULGEE | BEGGS | 41,733 | 29,609 | 31,398 | 31,682 | 29,962 | 14,655 | 15,049 | 18,932 | 20,880 | 14,512 | 6,749 | 21,343 |
| OKMULGEE | DEWAR | 16,709 | 10,673 | 11,218 | 11,445 | 10,026 | 5,065 | 5,448 | 7,136 | 7,923 | 5,996 | 2,997 | 7,793 |
| OKMULGEE | HENRYETTA | 43,694 | 31,005 | 32,962 | 32,986 | 32,183 | 15,455 | 16,337 | 20,859 | 23,099 | 16,258 | 7,880 | 22,902 |
| OKMULGEE | MORRIS | 34,553 | 24,263 | 26,660 | 27,266 | 27,237 | 13,273 | 14,063 | 18,270 | 20,727 | 13,749 | 6,630 | 19,214 |
| OKMULGEE | OKMULGEE | 56,466 | 39,636 | 39,922 | 40,350 | 38,795 | 18,937 | 19,754 | 24,568 | 25,737 | 17,289 | 8,054 | 27,304 |
| OKMULGEE | PRESTON | 20,124 | 14,809 | 15,330 | 14,237 | 13,335 | 7,184 | 7,914 | 9,545 | 10,827 | 7,683 | 3,923 | 10,479 |
| OKMULGEE | SCHULTER | 6,103 | 4,317 | 4,872 | 4,507 | 3,669 | 1,768 | 1,880 | 2,283 | 2,839 | 2,008 | 884 | 2,903 |
| OKMULGEE | TWIN HILLS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OKMULGEE | WILSON | 8,736 | 6,533 | 6,781 | 7,045 | 5,931 | 2,854 | 3,041 | 4,201 | 4,523 | 3,193 | 1,690 | 4,579 |
| OSAGE | (ILC) OSAGE COUNTY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OSAGE | ANDERSON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OSAGE | AVANT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OSAGE | BARNSDALL | 168,461 | 285,783 | 161,104 | 217,162 | 114,767 | 62,908 | 106,329 | 106,448 | 144,329 | 94,865 | 52,956 | 134,665 |
| OSAGE | BOWRING | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OSAGE | HOMINY | 241,767 | 332,405 | 227,620 | 297,738 | 148,645 | 84,802 | 145,934 | 151,644 | 208,081 | 130,551 | 79,122 | 180,654 |
| OSAGE | MCCORD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OSAGE | OSAGE HILLS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OSAGE | PAWHUSKA | 407,672 | 604,651 | 422,032 | 560,251 | 343,685 | 196,425 | 231,061 | 235,096 | 292,334 | 188,770 | 119,578 | 319,388 |
| OSAGE | PRUE | 145,655 | 201,565 | 151,141 | 189,180 | 127,423 | 75,444 | 90,597 | 98,140 | 129,435 | 78,363 | 47,874 | 118,916 |
| OSAGE | SHIDLER | 95,430 | 142,850 | 89,923 | 126,522 | 59,375 | 36,181 | 58,733 | 62,892 | 87,293 | 51,365 | 31,313 | 74,645 |
| OSAGE | WOODLAND | 164,084 | 231,918 | 158,850 | 217,252 | 104,489 | 63,576 | 109,423 | 111,215 | 145,568 | 103,444 | 54,876 | 130,061 |
| OSAGE | WYNONA | 52,197 | 123,018 | 107,486 | 66,810 | 28,858 | 17,069 | 28,917 | 31,243 | 39,398 | 23,497 | 12,472 | 47,877 |
| OTTAWA | AFTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTTAWA | COMMERCE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTTAWA | FAIRLAND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTTAWA | MIAMI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTTAWA | QUAPAW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTTAWA | TURKEY FORD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTTAWA | WYANDOTTE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAWNEE | CLEVELAND | 160,738 | 183,321 | 206,169 | 302,307 | 247,373 | 113,796 | 120,355 | 114,047 | 165,081 | 106,613 | 52,737 | 161,180 |
| PAWNEE | JENNINGS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAWNEE | PAWNEE | 67,124 | 77,757 | 86,287 | 133,516 | 118,382 | 52,922 | 52,744 | 48,583 | 68,703 | 44,354 | 21,615 | 70,486 |
| PAYNE | (ILC) FIVE-STAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAYNE | CUSHING | 71,932 | 59,922 | 76,045 | 128,886 | 266,698 | 203,117 | 129,247 | 170,887 | 130,397 | 85,891 | 35,286 | 128,638 |
| PAYNE | GLENCOE | 13,706 | 11,047 | 13,822 | 24,298 | 50,519 | 38,892 | 25,531 | 31,131 | 24,307 | 17,293 | 6,881 | 24,372 |
| PAYNE | OAK GROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAYNE | PERKINS-TRYON | 57,931 | 48,676 | 60,270 | 104,856 | 215,874 | 168,895 | 108,477 | 141,793 | 109,137 | 72,813 | 30,919 | 106,171 |
| PAYNE | RIPLEY | 19,384 | 16,649 | 20,382 | 33,866 | 68,406 | 51,942 | 33,622 | 43,850 | 33,950 | 22,167 | 8,986 | 33,382 |

| County School Dirticit Proto: Proto: <t< th=""><th colspan="11">Figure 36. (Cont.) Gross Production Tax Distributions by County/School District</th><th></th></t<> | Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | | | | | | | | | | | | | |
|--|---|-------------------------|---------|---------|---------|-----------|-----------|---------|---------|---------|---------|---------|---------|-----------|
| PANNE TILLUMTR 231.88 12.42,95 37.0 24.27,9 37.0 35.31 68.31 68.31 68.31 68.31 68.31 68.31 68.31 68.31 68.31 68.31 68.31 68.31 68.31 68.31 68.31 68.31 75.31 68.31 75.33 75.33 | County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
| PANE YALE 12.2425 12.8567 33.317 66.918 94.753 30.521 39.91 29.464 19.739 83.27 31.633 31.531 30.512 39.91 12.906 67.37 83.88 10.5128 PITTSBURG CANLTON LNDING ACDEMY 0 | PAYNE | STILLWATER | 231,898 | 193,671 | 246,697 | 424,725 | 888,725 | 691,259 | 443,097 | 580,933 | 449,021 | 296,965 | 124,901 | 433,999 |
| PITTSBURG CANADIAN 125,27 128,285 105,202 116,087 7,263 100,101 125,906 109,050 67,517 84,888 105,128 PITTSBURG CROWDER 131,633 135,231 115,794 146,262 116,098 7,741 102,740 105,633 85,885 54,845 7,552 100,015 PITTSBURG RAILEYNLIE 130,117 118,771 9,632 115,149 88,315 54,478 155,050 10,722 133,441 155,050 10,722 133,441 155,050 10,722 133,441 155,050 10,722 133,441 155,050 10,722 133,441 155,050 10,722 133,441 155,050 10,722 133,441 155,050 10,723 12,845 146,212 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72,15 11,72 | PAYNE | YALE | 22,425 | 17,106 | 19,564 | 33,317 | 68,918 | 49,735 | 30,521 | 39,591 | 29,464 | 19,739 | 8,271 | 31,622 |
| PITTSBURG CARLTON LANDING ACADEMY 0 0 0 <th< td=""><td>PITTSBURG</td><td>CANADIAN</td><td>126,527</td><td>128,285</td><td>104,520</td><td>140,335</td><td>116,058</td><td>73,653</td><td>100,101</td><td>126,906</td><td>109,050</td><td>67,517</td><td>84,858</td><td>105,128</td></th<> | PITTSBURG | CANADIAN | 126,527 | 128,285 | 104,520 | 140,335 | 116,058 | 73,653 | 100,101 | 126,906 | 109,050 | 67,517 | 84,858 | 105,128 |
| PITTSBURG CROWDER 131.63 135.231 115.734 126.704 100.633 85.885 54.845 57.552 100.015 PITTSBURG HAILEYNLIE 130.117 118.771 94.632 115.144 88.315 54.823 75.628 75.928 61.767 41.331 54.838 77.840 PITTSBURG HARYSHORNE 229.397 25.442 20.600 0< | PITTSBURG | CARLTON LANDING ACADEMY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PITTSBURG FAINE-CHAMBERS 0 0 0 0 0 0 0 0 0 0 PITTSBURG HARTSHORNE 229,297 234,42 210,117 194,622 115,414 183,83 58,423 185,406 191,361 190,050 106,722 133,410 174,215 PITTSBURG NIDIANDLA 75,920 73,097 57,435 70,025 55,648 48,195 56,938 49,622 38,100 47,245 67,546 PITTSBURG NIDIANDLA 75,920 73,097 91,802 70,275,58 490,927 60,500 70,07 60,76 70,76 67,27 67,23 51,33 67,33 53,214 71,171 15,324 | PITTSBURG | CROWDER | 131,633 | 135,231 | 116,794 | 149,626 | 116,098 | 75,741 | 102,740 | 105,633 | 85,885 | 54,845 | 57,552 | 100,015 |
| PITTSBURG HALEYULLE 130,17 118,77 94,632 115,149 88,315 12,423 75,628 75,228 75,228 61,787 44,315 56,889 PTTSBURG PITTSBURG HARTWOOD 0 <td>PITTSBURG</td> <td>FRINK-CHAMBERS</td> <td>0</td> | PITTSBURG | FRINK-CHAMBERS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PITTSBURG HARTSHONNE 229.297 234.44 204.050 231,041 123.282 127.482 198.769 191.361 199.750 198.722 133.10 174.215 PITTSBURG NIDIANOLA 75.920 75.937 57.435 75.937 55.063 65.195 45.7659 41.22 43.104 47.235 45.765 45.965 49.165 43.074 57.556 450.07 55.963 49.02 43.074 57.556 65.765 65.756 75.950 61.20 63.550 43.074 43.744 43.743 52.856 44.028 53.570 65.627 65.627 65.627 65.627 65.627 65.627 65.627 65.637 65.627 65.637 65.627 65.637 65.627 65.635 35.33 43.577 75.514 47.633 51.338 43.571 16.713 55.144 18.207 17.207 15.514 14.513 14.347 96.655 13.511 PUTSURG SAVANA 113.351 14.047 83.301 53.414 | PITTSBURG | HAILEYVILLE | 130,117 | 118,771 | 94,632 | 115,149 | 88,315 | 58,423 | 76,628 | 75,928 | 61,787 | 44,331 | 54,838 | 78,880 |
| PITTSBURG HAYNOOD 0 0 < | PITTSBURG | HARTSHORNE | 229,297 | 234,424 | 204,050 | 231,041 | 183,839 | 127,482 | 168,769 | 191,361 | 159,050 | 108,722 | 133,410 | 174,215 |
| PITTSBURGNDIANCIAP5< | PITTSBURG | HAYWOOD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PITTSBURG NOWA 80,557 81,03 62,421 98,078 76,07 50,106 68,195 76,899 61,235 41,174 51,445 67,546 PITTSBURG MCALESTER 80,630 828,020 724,479 919,802 70,258 49,027 653,650 71,519,06 60,607 423,476 53,570 652,736 PITTSBURG OUNTON 115,437 114,472 93,946 170,744 124,447 74,63 103,202 115,508 89,002 60,180 73,355 110,942 PITTSBURG CUMITON 114,472 93,946 109,411 95,572 61,437 80,068 93,304 81,526 56,827 86,573 135,411 95,072 61,5197 123,457 96,676 135,411 95,072 61,5197 123,457 165,676 135,411 93,507 130,071 122,207 165,954 144,163 51,318 45,675 135,411 35,370 123,457 165,075 135,411 35,101 130,511 133,401 <t< td=""><td>PITTSBURG</td><td>INDIANOLA</td><td>75,920</td><td>73,097</td><td>57,435</td><td>70,925</td><td>56,948</td><td>35,689</td><td>48,196</td><td>55,983</td><td>49,622</td><td>38,109</td><td>47,253</td><td>53,326</td></t<> | PITTSBURG | INDIANOLA | 75,920 | 73,097 | 57,435 | 70,925 | 56,948 | 35,689 | 48,196 | 55,983 | 49,622 | 38,109 | 47,253 | 53,326 |
| PITTSBURG KRES 0 <t< td=""><td>PITTSBURG</td><td>KIOWA</td><td>80,557</td><td>81,603</td><td>68,421</td><td>98,078</td><td>76,307</td><td>50,106</td><td>68,195</td><td>76,899</td><td>61,235</td><td>43,174</td><td>51,445</td><td>67,546</td></t<> | PITTSBURG | KIOWA | 80,557 | 81,603 | 68,421 | 98,078 | 76,307 | 50,106 | 68,195 | 76,899 | 61,235 | 43,174 | 51,445 | 67,546 |
| PITTSBURG MCALSTER B06,830 P28,020 724,479 919,802 725,858 490,927 653,650 719,190 609,607 422,476 537,557 662,726 PITTSBURG QUINTON 154,537 157,084 140,336 170,794 122,484 77,453 103,202 115,508 89,002 60,180 73,355 110,492 PITTSBURG SAVANNA 113,335 114,472 93,946 105,517 61,437 80,068 93,304 81,262 56,827 66,543 85,310 PONTOTOC ADA 466,672 20,513 680,106 491,473 51,653 63,491 41,935 11,846 51,333 43,657 18,60 55,135 47,053 12,027 76,144 91,013 77,111 33,050 12,217 13,956 12,227 76,144 91,013 77,111 33,05 12,217 33,956 12,217 39,014 12,120 13,138 12,046 14,913 12,121 43,126 45,131 14,112 12,138 <td>PITTSBURG</td> <td>KREBS</td> <td>0</td> <td>362</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>36</td> | PITTSBURG | KREBS | 0 | 362 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| PITTSBURG PITTSBURG L1,83 7,4,12 40,861 43,704 32,730 22,865 34,208 35,700 29,490 20,486 26,335 110,402 PITTSBURG GUNNTON 113,335 114,472 103,301 103,202 115,086 83,004 83,526 56,827 66,543 85,102 PITTSBURG TANNEHILL 0 | PITTSBURG | MCALESTER | 806,830 | 828,020 | 724,479 | 919,802 | 720,558 | 490,927 | 653,650 | 719,190 | 609,607 | 423,476 | 537,557 | 662,726 |
| PITTSBURG QUINTON 154,337 157,084 140,336 170,794 170,244 77,453 103,202 151,508 89,002 60,108 73,355 110,432 PITTSBURG TANNEHILL 0 0.0 | PITTSBURG | PITTSBURG | 41,823 | 74,182 | 40,581 | 43,704 | 34,753 | 22,856 | 34,208 | 35,370 | 29,849 | 20,436 | 26,395 | 36,233 |
| PITTSBURG PITTSBURG PITTSBURGShawa <td>PITTSBURG</td> <td>QUINTON</td> <td>154,537</td> <td>157,084</td> <td>140,336</td> <td>170,794</td> <td>122,494</td> <td>77,463</td> <td>103,202</td> <td>115,508</td> <td>89,002</td> <td>60,180</td> <td>73,355</td> <td>110,942</td> | PITTSBURG | QUINTON | 154,537 | 157,084 | 140,336 | 170,794 | 122,494 | 77,463 | 103,202 | 115,508 | 89,002 | 60,180 | 73,355 | 110,942 |
| PITTSBURG TANNEHILL 0 | PITTSBURG | SAVANNA | 113,335 | 114,472 | 93,946 | 109,411 | 95,572 | 61,437 | 80,068 | 93,304 | 81,526 | 56,827 | 66,543 | 85,310 |
| PONTOTOC ADA 466.672 200.513 680,106 491.473 516.053 263.491 187.949 242.690 261.67 213.475 96.676 315.411 PONTOTOC LLEN 74,503 33.078 110.470 83.957 173.070 127.207 165.924 184.169 152.751 67.18 213.185 PONTOTOC LATTA 123.020 54.986 203.009 157.67 172.171 83.955 62.227 79.614 91.013 77.111 83.805 40.025 PONTOTOC KOFF 79.940 25.755 147.21 99.522 101.672 52.172 39.585 51.775 54.847 43.68 74.83 43.66 14.94 17.66 30.078 31.074 45.306 53.166 17.049 33.058 17.767 9.758 44.902 43.42 44.562 42.275 34.950 17.666 56.050 17.49 34.950 17.666 14.940 45.957 17.248 32.950 17.604 30.076 15.033 <td>PITTSBURG</td> <td>TANNEHILL</td> <td>0</td> | PITTSBURG | TANNEHILL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PONTOTOC LLIN 74,503 33,078 110,470 98,911 98,909 47,197 35,514 47,623 51,381 93,875 16,602 PONTOTOC BYNG 229,161 132,142 450,435 334,591 173,070 127,207 165,924 184,169 152,751 67,136 213,138 PONTOTOC ROFF 59,430 25,668 83,381 658,796 440,02 34,124 43,216 45,312 37,404 17,114 33,669 PONTOTOC STONEWALL 07,010 32,787 104,893 81,360 56,762 47,163 44,424 44,562 45,312 37,404 17,104 53,069 POTTAWATOME BHER 16,656 11,494 19,651 17,693 87,672 47,163 64,342 44,562 42,275 34,950 17,686 57,022 POTTAWATOME BALE 53,303 31,201 55,56 47,623 17,108 38,42 44,563 17,36 34,424 45,51 42,31 | PONTOTOC | ADA | 466,672 | 200,513 | 680,106 | 491,473 | 516,053 | 263,491 | 187,949 | 242,690 | 261,697 | 213,457 | 96,676 | 315,411 |
| PONTOTOC BYNG 299,161 132,142 450,435 334,591 173,070 127,277 165,924 184,169 152,751 67,136 213,138 PONTOTOC LATTA 123,020 54,966 203,009 155,167 172,171 83,956 62,227 79,614 91,013 77,111 38,350 102,160 PONTOTOC KTTA 70,910 32,787 108,493 81,816 85,796 44,902 34,312 43,216 45,312 37,404 17,104 53,669 PONTOTOC VANOSS 95,515 47,025 144,721 99,52 17,659 9,399 6,472 9,253 9,762 8,207 4,112 11,269 POTTAWATOMIE EARLER 97,348 61,658 109,336 90,473 87,672 47,316 43,42 44,562 42,275 34,959 17,686 57,022 POTTAWATOMIE EARLESBORO 16,659 11,212 18,107 15,036 15,033 8,516 6,399 8,948 9,204< | PONTOTOC | ALLEN | 74,503 | 33,078 | 110,470 | 83,911 | 89,809 | 47,197 | 35,514 | 47,623 | 51,338 | 43,657 | 18,660 | 56,126 |
| PONTOTOC LATTA 123,020 54,986 203,009 159,167 172,171 83,956 62,227 79,614 91,013 77,111 38,350 102,160 PONTOTOC ROFF 59,430 25,466 83,381 65,445 33,685 23,129 30,078 32,368 27,336 12,096 40,083 PONTOTOC STONEWALL 70,910 32,787 108,493 81,360 95,795 44,902 34,12 43,216 45,312 37,404 47,104 53,069 PONTOTOC VANOSS 95,515 47,025 144,721 99,522 10,627 52,172 39,598 51,779 57,888 48,375 20,663 66,337 POTTAWATOMIE BAHER 16,658 10,236 67,022 47,430 26,666 19,640 26,397 27,480 22,881 11,704 31,562 POTTAWATOMIE BALE 53,303 31,201 55,356 46,668 47,630 26,666 19,640 26,397 27,483 3,870 <td>PONTOTOC</td> <td>BYNG</td> <td>299,161</td> <td>132,142</td> <td>450,435</td> <td>334,591</td> <td>343,957</td> <td>173,070</td> <td>127,207</td> <td>165,924</td> <td>184,169</td> <td>152,751</td> <td>67,136</td> <td>213,138</td> | PONTOTOC | BYNG | 299,161 | 132,142 | 450,435 | 334,591 | 343,957 | 173,070 | 127,207 | 165,924 | 184,169 | 152,751 | 67,136 | 213,138 |
| PONTOTOC SP,430 25,468 83,381 63,844 69,445 33,685 23,129 30,078 32,368 27,336 12,096 40,083 PONTOTOC STONEWALL 70,910 32,787 108,493 81,360 85,796 44,922 34,312 43,216 45,312 37,404 17,104 53,069 PONTOTOC VANOSS 95,515 47,025 144,721 99,522 10,1627 52,172 39,598 54,779 57,88 48,757 4,112 11,269 POTTAWATOMIE BAFLER 16,506 11,494 19,561 15,033 87,672 47,316 34,342 44,562 42,275 34,950 11,764 31,562 POTTAWATOMIE PALSORON 16,859 11,212 18,107 15,033 8,516 6,397 27,480 2,8241 11,704 31,562 POTTAWATOMIE MAUD 24,223 17,148 29,412 21,598 21,109 10,025 7,399 9,001 9,047 7,834 3,676 | PONTOTOC | LATTA | 123,020 | 54,986 | 203,009 | 159,167 | 172,171 | 83,956 | 62,227 | 79,614 | 91,013 | 77,111 | 38,350 | 102,160 |
| PONTOTOC STONEWALL 70,910 32,787 108,493 81,360 85,796 44,902 34,312 43,216 45,312 37,404 17,104 53,069 PONTOTOC VANOSS 95,515 47,025 144,721 99,522 10,627 52,172 39,508 51,779 57,88 48,375 20,663 66,337 POTTAWATOMIE EAFER 97,948 61,658 109,336 90,423 87,672 47,316 34,342 44,562 42,275 34,950 17,686 57,022 POTTAWATOMIE EAREBORO 11,625 11,503 15,033 8,516 6,399 9,041 7,834 3,870 13,562 POTTAWATOMIE MACOMB 27,263 11,148 29,412 11,505 10,035 7,309 9,001 9,477 7,834 3,870 13,565 POTTAWATOMIE MACOMB 24,123 13,371 12,5674 21,113 12,616 11,700 8,092 10,994 15,526 7,783 3,770 13,357 <td>PONTOTOC</td> <td>ROFF</td> <td>59,430</td> <td>25,468</td> <td>83,381</td> <td>63,844</td> <td>69,445</td> <td>33,685</td> <td>23,129</td> <td>30,078</td> <td>32,368</td> <td>27,336</td> <td>12,096</td> <td>40,083</td> | PONTOTOC | ROFF | 59,430 | 25,468 | 83,381 | 63,844 | 69,445 | 33,685 | 23,129 | 30,078 | 32,368 | 27,336 | 12,096 | 40,083 |
| PONTOTOC VANOSS 95,515 47,025 144,721 99,522 101,627 52,172 39,598 51,779 57,888 48,375 20,663 66,337 POTTAWATOMIE ASHER 16,506 11,494 19,661 16,629 17,699 9,399 6,472 9,253 9,762 8,207 4,112 11,269 POTTAWATOMIE DALE 53,303 31,201 55,356 46,668 47,630 26,666 19,640 26,397 27,480 2,2881 11,704 31,562 POTTAWATOMIE EARISBORO 16,859 11,212 18,107 15,036 15,033 8,516 6,399 8,948 9,204 7,633 4,054 10,416 POTTAWATOMIE GROVE 0 | PONTOTOC | STONEWALL | 70,910 | 32,787 | 108,493 | 81,360 | 85,796 | 44,902 | 34,312 | 43,216 | 45,312 | 37,404 | 17,104 | 53,069 |
| POTTAWATOMIE ASHER 16,506 11,494 19,661 16,629 17,699 9,399 6,472 9,253 9,762 8,207 4,112 11,269 POTTAWATOMIE BETHEL 97,948 61,658 109,336 90,423 87,672 47,316 34,342 44,562 42,275 34,950 17,686 57,022 POTTAWATOMIE EARLSBORO 16,859 11,212 18,107 15,036 15,033 8,516 6,399 8,948 9,204 7,633 4,054 10,414 POTTAWATOMIE GROVE 0 </td <td>PONTOTOC</td> <td>VANOSS</td> <td>95,515</td> <td>47,025</td> <td>144,721</td> <td>99,522</td> <td>101,627</td> <td>52,172</td> <td>39,598</td> <td>51,779</td> <td>57,888</td> <td>48,375</td> <td>20,663</td> <td>66,337</td> | PONTOTOC | VANOSS | 95,515 | 47,025 | 144,721 | 99,522 | 101,627 | 52,172 | 39,598 | 51,779 | 57,888 | 48,375 | 20,663 | 66,337 |
| POTTAWATOMIE BETHEL 97,948 61,658 109,336 90,423 87,672 47,316 34,342 44,562 42,275 34,950 17,686 57,022 POTTAWATOMIE DALE 53,303 31,201 55,356 46,668 47,630 26,666 19,640 26,397 27,480 22,881 11,704 31,562 POTTAWATOMIE DALE 0 | POTTAWATOMIE | ASHER | 16.506 | 11.494 | 19.661 | 16.629 | 17.699 | 9.399 | 6.472 | 9.253 | 9.762 | 8.207 | 4.112 | 11.269 |
| POTTAWATOMIE DALE 53,303 31,201 55,356 46,668 47,630 26,666 19,640 26,397 27,480 22,881 11,704 31,562 POTTAWATOMIE EARLSBORO 16,859 11,212 18,107 15,036 15,033 8,516 6,399 8,948 9,204 7,633 4,054 10,414 POTTAWATOMIE GROVE 0 <td< td=""><td>POTTAWATOMIE</td><td>BETHEL</td><td>97.948</td><td>61.658</td><td>109.336</td><td>90.423</td><td>87.672</td><td>47.316</td><td>34.342</td><td>44.562</td><td>42.275</td><td>34.950</td><td>17.686</td><td>57.022</td></td<> | POTTAWATOMIE | BETHEL | 97.948 | 61.658 | 109.336 | 90.423 | 87.672 | 47.316 | 34.342 | 44.562 | 42.275 | 34.950 | 17.686 | 57.022 |
| POTTAWATOMIE EARLSBORO 16,859 11,212 18,107 15,036 15,033 8,516 6,399 8,948 9,204 7,633 4,054 10,414 POTTAWATOMIE GROVE 0 < | POTTAWATOMIE | DALE | 53,303 | 31,201 | 55,356 | 46,668 | 47,630 | 26,666 | 19,640 | 26,397 | 27,480 | 22,881 | 11,704 | 31,562 |
| POTTAWATOMIE GROVE 0 | POTTAWATOMIE | EARLSBORO | 16,859 | 11,212 | 18,107 | 15,036 | 15,033 | 8,516 | 6,399 | 8,948 | 9,204 | 7,633 | 4,054 | 10,414 |
| POTTAWATOMIE MACOMB 27,263 17,148 29,412 21,598 21,109 10,235 7,309 9,001 9,047 7,834 3,870 13,656 POTTAWATOMIE MAUD 24,123 13,371 25,674 21,131 21,661 11,700 8,092 10,098 10,526 7,918 3,779 13,395 POTTAWATOMIE MCLOUD 131,761 80,386 145,774 117,946 120,106 64,963 46,597 59,310 57,799 48,594 24,545 76,593 POTTAWATOMIE NCRTH ROCK CREEK 0 | POTTAWATOMIE | GROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POTTAWATOMIE MAUDMAUD24,12313,37125,67421,13121,66111,7008,09210,09810,5267,9183,77913,395POTTAWATOMIE MCLOUDMCLOUD131,76180,386145,774117,946120,10664,96346,59759,31057,70948,59424,54576,593POTTAWATOMIE POTTAWATOMIE POTTAWATOMIE SUTH ROCK CREEK000 | POTTAWATOMIE | МАСОМВ | 27,263 | 17,148 | 29,412 | 21,598 | 21,109 | 10,235 | 7,309 | 9,001 | 9,047 | 7,834 | 3,870 | 13,656 |
| POTTAWATOMIE POTTAWATOMIEMCLOUD131,76180,386145,774117,946120,10664,96346,59759,31057,70948,59424,54576,593POTTAWATOMIE POTTAWATOMIE POTTAWATOMIE POTTAWATOMIE SUTH ROCK CREEK00< | POTTAWATOMIE | MAUD | 24,123 | 13,371 | 25,674 | 21,131 | 21,661 | 11,700 | 8,092 | 10,098 | 10,526 | 7,918 | 3,779 | 13,395 |
| POTTAWATOMIE POTTAWATOMIE POTTAWATOMIE PLASANT GROVE00< | POTTAWATOMIE | MCLOUD | 131,761 | 80,386 | 145,774 | 117,946 | 120,106 | 64,963 | 46,597 | 59,310 | 57,709 | 48,594 | 24,545 | 76,593 |
| POTTAWATOMIE POTTAWATOMIEPLEASANT GROVE000 <th< td=""><td>POTTAWATOMIE</td><td>NORTH ROCK CREEK</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></th<> | POTTAWATOMIE | NORTH ROCK CREEK | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POTTAWATOMIE POTTAWATOMIESHAWNEE287,376177,946320,307262,922264,274138,92596,401127,342128,344105,58152,389167,443POTTAWATOMIE SOUTH ROCK CREEK00 <td>POTTAWATOMIE</td> <td>PLEASANT GROVE</td> <td>0</td> | POTTAWATOMIE | PLEASANT GROVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POTTAWATOMIESOUTH ROCK CREEK000 <td>POTTAWATOMIE</td> <td>SHAWNEE</td> <td>287,376</td> <td>177,946</td> <td>320,307</td> <td>262,922</td> <td>264,274</td> <td>138,925</td> <td>96,401</td> <td>127,342</td> <td>128,344</td> <td>105,581</td> <td>52,389</td> <td>167,443</td> | POTTAWATOMIE | SHAWNEE | 287,376 | 177,946 | 320,307 | 262,922 | 264,274 | 138,925 | 96,401 | 127,342 | 128,344 | 105,581 | 52,389 | 167,443 |
| POTTAWATOMIETECUMSEH163,277100,094175,304143,326148,73679,73455,94971,72870,95959,29630,82593,595POTTAWATOMIEWANETTE15,30210,39016,73513,71913,5666,6384,4685,1154,9814,2241,9978,183PUSHMATAHAALBION0000000000000PUSHMATAHAANTLERS40,25016,12125,17320,36621,8519,94812,92319,57319,4448,9696,93416,130PUSHMATAHACLAYTON11,8964,0427,7736,2376,5802,8483,8586,0166,0792,7942,1064,833PUSHMATAHAMOYERS6,4702,7534,6853,8594,5452,0692,7283,6193,5531,5531,2213,099PUSHMATAHANASHOBA000000000000PUSHMATAHARATTAN19,4878,10412,83810,29610,7174,8186,5459,9569,9464,5503,3848,104PUSHMATAHATUSKAHOMA000000000000PUSHMATAHARATTAN19,4878,10412,83810,2961,391,43918,218749,671800,589811,244433,510290,514851,011 <td>POTTAWATOMIE</td> <td>SOUTH ROCK CREEK</td> <td>0</td> | POTTAWATOMIE | SOUTH ROCK CREEK | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POTTAWATOMIE WANETTE 15,302 10,390 16,735 13,719 13,566 6,638 4,468 5,115 4,981 4,224 1,997 8,183 PUSHMATAHA ALBION 0 | POTTAWATOMIE | тесимѕен | 163.277 | 100.094 | 175.304 | 143.326 | 148.736 | 79.734 | 55.949 | 71.728 | 70.959 | 59.296 | 30.825 | 93.595 |
| PUSHMATAHA ALBION 0 | POTTAWATOMIE | WANETTE | 15.302 | 10.390 | 16.735 | 13.719 | 13.566 | 6.638 | 4.468 | 5.115 | 4.981 | 4.224 | 1.997 | 8.183 |
| PUSHMATAHA ANTLERS 40,250 16,121 25,173 20,366 21,851 9,948 12,923 19,573 19,444 8,969 6,934 16,130 PUSHMATAHA CLAYTON 11,896 4,042 7,773 6,237 6,580 2,848 3,858 6,016 6,079 2,794 2,106 4,833 PUSHMATAHA MOYERS 6,470 2,753 4,685 3,859 4,545 2,069 2,728 3,619 3,553 1,553 1,221 3,059 PUSHMATAHA NASHOBA 0 <td>PUSHMATAHA</td> <td>ALBION</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>, 0</td> <td>0</td> <td>0</td> | PUSHMATAHA | ALBION | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | , 0 | 0 | 0 |
| PUSHMATAHA CLAYTON 11,896 4,042 7,773 6,237 6,580 2,848 3,858 6,016 6,079 2,794 2,106 4,833 PUSHMATAHA MOYERS 6,470 2,753 4,685 3,859 4,545 2,069 2,728 3,619 3,553 1,553 1,221 3,059 PUSHMATAHA NASHOBA 0 | PUSHMATAHA | ANTLERS | 40.250 | 16.121 | 25.173 | 20.366 | 21.851 | 9.948 | 12.923 | 19.573 | 19.444 | 8.969 | 6.934 | 16.130 |
| PUSHMATAHA MOYERS 6,470 2,753 4,685 3,859 4,545 2,069 2,728 3,619 3,553 1,523 1,221 3,059 PUSHMATAHA NASHOBA 0 | PUSHMATAHA | CLAYTON | 11.896 | 4.042 | 7.773 | 6.237 | 6.580 | 2.848 | 3.858 | 6.016 | 6.079 | 2.794 | 2.106 | 4.833 |
| PUSHMATAHA NASHOBA 0 | PUSHMATAHA | MOYERS | 6.470 | 2.753 | 4.685 | 3.859 | 4.545 | 2.069 | 2.728 | 3.619 | 3.553 | 1.553 | 1.221 | 3.059 |
| PUSHMATAHA RATTAN 19,487 8,104 12,838 10,296 10,717 4,818 6,545 9,956 9,946 4,550 3,384 8,116 PUSHMATAHA TUSKAHOMA 0< | PUSHMATAHA | NASHOBA | 0 | 0 | 0 | 0 | 0 | 0 | ,0 | 0 | 0 | 0 | ., | 0 |
| PUSHMATAHA TUSKAHOMA 0 | PUSHMATAHA | RATTAN | 19.487 | 8.104 | 12.838 | 10.296 | 10.717 | 4.818 | 6.545 | 9.956 | 9.946 | 4.550 | 3.384 | 8.116 |
| ROGER MILLS CHEYENNE 719,448 825,803 860,609 1,280,806 1,539,143 918,218 749,671 800,589 811,244 433,510 290,514 851,011 | PUSHMATAHA | тиѕканома | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ROGER MILLS | CHEYENNE | 719,448 | 825,803 | 860,609 | 1,280,806 | 1,539,143 | 918,218 | 749,671 | 800,589 | 811,244 | 433,510 | 290,514 | 851,011 |

| School DistrictFY2011FY2012FY2013FY2014FY2015FY2016FY2017FY2018FY2019FY2020FY202110-Yr AvgROGER MILLSHAMMON607,084654,410664,4151,005,4911,129,816655,625438,89481,175529,328293,238209,400624,150ROGER MILLSLEEDEY469,196552,997562,917835,058891,961555,625438,89481,175529,353288,663175,916535,755ROGER MILLSSWEETWATER206,667224,789267,581404,559549,469323,729287,062301,492291,312147,925105,334293,235ROGERSCATOOSA4,8915,8613,6694,8762,2331,4551,7701,7191,6608285672,464ROGERSCHELSEA2,2752,6771,5552,1559896297857216883462351,078ROGERSCHARMORE9,48311,0736,7269,2454,2652,8063,4103,2673,1671,1124,670ROGERSINOLA3,2883,6622,1713,0211,4809681,1721,1491,1055483841,566ROGERSUSTUS-TIAWAH2,78100000000000000000000000000 |
|---|
| ROGER MILLSHAMMON607,084654,410684,1451,005,4911,129,816658,432515,712545,010545,848293,238209,400624,150ROGER MILLSLEEDEY469,196552,997529,177835,085891,961555,625483,859481,175529,353288,663175,916535,755ROGER MILLSSWEETWATER206,667224,789267,581404,079323,729287,062301,492291,312147,925105,334290,325ROGERSCATOOSA4,8915,8613,6694,8762,2331,4551,7701,7191,6608285672,464ROGERSCLAREMORE9,48311,0736,7269,2454,2652,8063,4103,2673,1671,6151,1284,670ROGERSINOLA1,5571,7601,0431,4026073844474354002031139684ROGERSINOLA3,2883,6622,7113,0121,4809681,1721,1491,10554.83841,566ROGERSJUSTJS-TIAWAH2,78100< |
| ROGER MILLSLEEDEY469,196552,997562,917835,085891,961555,625483,859481,175529,353288,663175,916535,755ROGER MILLSREYDON311,006361,051400,3284511,374540,407322,423257,062255,027295,121145,61296,708321,923ROGERSCATOOSA4,891224,789267,581400,559549,469323,729287,062301,492291,312147,925105,334290,325ROGERSCALREMORE4,8915,8613,6694,8752,2331,4551,7701,7191,6608286362,464ROGERSCLAREMORE9,48311,0736,7269,2454,2652,8063,4103,2673,1671,6151,284,670ROGERSIONLA3,2883,6622,1713,0211,4806681,1721,1491,1055488384,667ROGERSIOLGAH-TALALA3,2883,6622,1713,0211,4809681,1721,1491,1055483,8622,116ROGERSOOLGAH-TALALA3,2783,6622,1713,0211,4809681,1721,1491,1055483,8282,116ROGERSSEQUOYAH3,2773,7882,2153,0081,515551,5681,4131,4141,4141,1145603901,516ROGERSSEQUOYAH3,2773,7882, |
| ROGER MILLS ROGER MILLSREYDON311,906361,051403,284511,374540,407352,443258,787255,047295,217145,61296,708321,933ROGER MILLSSWEETWATER206,667224,789267,581404,559584,669323,729287,062301,492291,312147,925105,342209,325ROGERSCATOOSA4,8915,8613,6694,8762,2331,4551,7701,7191,6883462351,078ROGERSCHARMORE9,48311,0736,7269,2454,2652,8063,4103,2673,1671,6151,1284,670ROGERSFOYIL1,5571,7601,0431,40260738444743542020313196,864ROGERSIDUIA3,2883,6622,1713,0211,4809681,1721,4191,0055483481,566ROGERSIDUIA2,78100000000000ROGERSDOLOGAH-TALALA4,3065,0263,0294,1381,4511,4531,4604,191,5573,7682,2513,0081,1511,1431,1145603901,580ROGERSEQUOYAH3,2773,7682,2513,0081,5171,5061,00000000000000000 <t< td=""></t<> |
| ROGER MILLSSWEETWATER206,667224,789267,581404,559549,469323,729287,062301,492291,312147,925105,334290,325ROGERSCATOOSA4,8915,8613,6694,8762,2331,4551,7701,7191,6608285672,464ROGERSCHELSEA2,2752,6771,5552,1559896297857216883462351,778ROGERSCLAREMORE9,48311,0736,7269,2454,2652,8063,4103,2673,1671,6151,1284,670ROGERSINOLA1,5571,7601,0431,402607384447435420203139684ROGERSINOLA3,2883,6622,1713,0211,4809681,1721,1491,1055483841,566ROGERSUJSTUS-TIAWAH2,781000000000000ROGERSUJSTUS-TIAWAH3,2773,7682,2113,0081,4511,9501,1641,1431,1145603901,580ROGERSEQUOYAH3,2773,7682,2513,0081,45119501,1641,1431,1145603901,580ROGERSVERDIGRIS2,9553,3882,0362,7871,3068701,0851,0871,1116064191,470 <t< td=""></t<> |
| ROGERS CATOOSA 4,891 5,861 3,669 4,876 2,233 1,455 1,770 1,719 1,660 828 567 2,464 ROGERS CHELSEA 2,275 2,677 1,555 2,155 989 629 785 721 688 3,46 235 1,078 ROGERS CLAREMORE 9,483 11,073 6,726 9,245 4,265 2,806 3,410 3,267 1,453 1,428 4,670 ROGERS FOVIL 1,557 1,760 1,043 1,402 607 384 4,447 435 420 203 139 6684 ROGERS IJUSTUS-TIAWAH 2,781 0 < |
| ROGERSCHELSEA2,2752,6771,5552,1559896297857216883462351,078ROGERSCLAREMORE9,48311,0736,7269,2454,2652,8063,4103,2673,1671,6151,1284,670ROGERSFOYIL1,5571,7601,0431,4026073.844474354202031396684ROGERSINDLA3,2883,6622,1713,0211,4809681,1721,491,1055.063,069ROGERSOLOGAH-TALALA2,781000000000000ROGERSSEQUOYAH3,2773,7682,2513,0081,4519501,1641,1431,1145603.901,580ROGERSVERDIGRIS2,9553,7882,2513,0081,4519501,1641,1431,1115603.901,580ROGERSVERDIGRIS2,9553,7882,2513,0081,4519501,1641,1431,1115603.901,470SEMINOLEBUTNER96,32563,44797,36681,71465,54944,58039,62344,69745,35933,0891,743153,289SEMINOLEBUTNER67,12440,01865,94764,18956,31237,10934,86042,29938,17730,96718,584SEMINOLEJUSTICE |
| ROGERSCLAREMORE9,48311,0736,7269,2454,2652,8063,4103,2673,1671,6151,1284,670ROGERSFOYIL1,5571,7601,0431,402607384447435420203139684ROGERSINOLA3,2883,6622,1713,0211,4809681,1721,1491,1055483841,566ROGERSJUSTUS-TIAWAH2,78100 <t< td=""></t<> |
| ROGERSFOYIL1,5571,7601,0431,402667384447435420203139684ROGERSINDLA3,2883,6622,1713,0211,4809681,1721,1491,1055483841,566ROGERSJUSTUS-TIAWAH2,781000 <td< td=""></td<> |
| ROGERSINOLA3,2883,6622,1713,0211,4809681,1721,1491,1055483841,566ROGERSJUSTUS-TIAWAH2,78100000000000ROGERSOCLOGAH-TALALA4,3065,0263,0294,1381,9321,2561,5381,4831,4607595352,116ROGERSSEQUOYAH3,2773,7682,2513,0081,4519501,1641,1431,1145603901,580ROGERSVERDIGRIS2,9553,3882,0362,7871,3068701,0851,0871,1116064191,470SEMINOLE(ILC) SEMINOLE COUNTY000000000003,0891,741SEMINOLEJUSTICE00 |
| ROGERS JUSTUS-TIAWAH 2,781 00 |
| ROGERSOOLOGAH-TALALA4,3065,0263,0294,1381,9321,2561,5381,4831,4607595352,116ROGERSSEQUOYAH3,2773,7682,2513,0081,4519501,1641,1431,1145603901,580ROGERSVERDIGRIS2,9553,3882,0362,7871,3068701,0851,0871,1116064191,470SEMINOLE(ILC) SEMINOLE COUNTY00000000000SEMINOLEBOWLEGS96,32563,44797,36681,71465,54944,58039,62344,69745,39533,08917,43153,289SEMINOLEBUTNER67,12440,01865,94764,18956,31237,10934,86042,29938,17730,96718,58442,846SEMINOLEJUSTICE0000000000000SEMINOLENEW LIMA85,40456,97387,34378,74166,54245,12643,30850,52750,73440,38220,86354,054SEMINOLESASAKWA73,43449,62974,55762,12347,88034,06130,99832,17231,20326,18517,40140,621SEMINOLESEMINOLESEMINOLESEMINOLE516,380362,977575,169530,700414,347275,209251,197277,68 |
| ROGERSSEQUOYAH3,2773,7682,2513,0081,4519501,1641,1431,1145603901,580ROGERSVERDIGRIS2,9553,3882,0362,7871,3068701,0851,0871,1116064191,470SEMINOLE(ILC) SEMINOLE COUNTY00000000000SEMINOLEBOWLEGS96,32563,44797,36681,71465,54944,58039,62344,69745,39533,08917,43153,289SEMINOLEBUTNER67,12440,01865,94764,18956,31237,10934,86042,29938,17730,96718,58442,846SEMINOLEJUSTICE0000000000000SEMINOLENEW LIMA85,40456,97387,34378,74166,54245,12643,30850,52750,73440,38220,86354,054SEMINOLENEW LIMA516,380362,97757,516953,700414,347275,209251,197274,35214,355216,349140,621SEMINOLESEMINOLESEMINOLE516,380362,977575,169530,700414,347275,209251,197274,052274,135216,349121,216329,898SEMINOLESEMINOLESEMINOLE516,380362,977575,169530,700414,347275,209251 |
| ROGERSVERDIGRIS2,9553,3882,0362,7871,3068701,0851,0871,1116064191,470SEMINOLE(ILC) SEMINOLE COUNTY00 <td< td=""></td<> |
| SEMINOLE (ILC) SEMINOLE COUNTY 0 |
| SEMINOLE BOWLEGS 96,325 63,447 97,366 81,714 65,549 44,580 39,623 44,697 45,395 33,089 17,431 53,289 SEMINOLE BUTNER 67,124 40,018 65,947 64,189 56,312 37,109 34,660 42,299 38,177 30,967 18,584 42,846 SEMINOLE JUSTICE 0 </td |
| SEMINOLE BUTNER 67,124 40,018 65,947 64,189 56,312 37,109 34,860 42,299 38,177 30,967 18,584 42,846 SEMINOLE JUSTICE 0 |
| SEMINOLE JUSTICE 0 |
| SEMINOLEKONAWA217,156155,680220,464207,594167,500110,562102,335113,770111,23684,89547,184132,122SEMINOLENEW LIMA85,40456,97387,34378,74166,54245,12643,30850,52750,73440,38220,86354,054SEMINOLESASAKWA73,43449,62974,55762,12347,88034,06130,99832,17231,20326,18517,40140,621SEMINOLESEMINOLESEMINOLE516,380362,977575,169530,700414,347275,209251,197277,682274,135216,349121,216329,898 |
| SEMINOLENEW LIMA85,40456,97387,34378,74166,54245,12643,30850,52750,73440,38220,86354,054SEMINOLESASAKWA73,43449,62974,55762,12347,88034,06130,99832,17231,20326,18517,40140,621SEMINOLESEMINOLE516,380362,977575,169530,700414,347275,209251,197277,682274,135216,349121,216329,898 |
| SEMINOLE SASAKWA 73,434 49,629 74,557 62,123 47,880 34,061 30,998 32,172 31,203 26,185 17,401 40,621 SEMINOLE SEMINOLE SEMINOLE 516,380 362,977 575,169 530,700 414,347 275,209 251,197 277,682 274,135 216,349 121,216 329,898 |
| SEMINOLE SEMINOLE 516,380 362,977 575,169 530,700 414,347 275,209 251,197 277,682 274,135 216,349 121,216 329,898 |
| |
| SEMINOLE STROTHER 110,573 78,042 119,999 117,297 104,202 66,069 61,659 72,411 72,121 58,115 32,688 78,260 |
| SEMINOLE VARNUM 73,451 51,987 95,204 85,655 68,403 46,075 41,683 49,335 52,605 42,043 23,540 55,653 |
| SEMINOLE WEWOKA 213,497 142,395 229,073 225,701 180,517 120,583 99,678 115,025 113,107 85,462 52,165 136,371 |
| SEQUOYAH BELFONTE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| SEQUOYAH BRUSHY 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| SEQUOYAH CENTRAL 3,489 4,362 1,457 1,240 904 797 1,196 985 915 411 628 1,289 |
| SEQUOYAH GANS 2,801 2,057 1,120 909 658 638 1,023 854 781 346 510 889 |
| SEQUOYAH GORE 4,152 2,370 1,455 1,236 857 718 1,063 958 972 419 652 1,070 |
| SEQUOYAH LIBERTY (Sequoyah) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| SEQUOYAH MARBLE CITY 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| SEQUOYAH MOFFETT 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| SEQUOYAH MULDROW 11,970 8,195 4,596 3,795 2,681 2,323 3,584 2,854 2,716 1,177 1,704 3,363 |
| SEQUOYAH ROLAND 8,193 5,610 3,164 2,666 1,852 1,617 2,425 1,901 1,752 767 1,155 2,291 |
| SEQUOYAH SALLISAW 14,350 10,026 5,665 4,750 3,386 2,956 4,644 3,783 3,648 1,593 2,365 4,282 |
| SEQUOYAH VIAN 7,050 4,900 2,796 2,403 1,658 1,542 2,265 1,795 1,765 750 1,099 2,097 |
| STEPHENS BRAY-DOYLE 175,287 183,539 119,889 156,110 213,250 176,828 173,738 216,322 240,612 131,173 101,169 171,263 |
| STEPHENS CENTRAL HIGH 173,639 187,620 119,674 189,461 234,842 208,931 195,648 246,245 298,627 181,139 135,906 199,809 |
| STEPHENS COMANCHE 442,281 496,410 315,998 485,139 564,310 507,713 490,283 638,833 719,057 407,709 304,075 492,953 |
| STEPHENS DUNCAN 1,503,759 1,711,106 1,093,600 1,668,919 1,985,018 1,765,284 1,715,726 2,158,124 2,544,483 1,468,484 1,141,806 1,725,255 |
| STEPHENS EMPIRE 204,637 223,959 141,662 213,696 262,358 229,150 238,955 331,899 404,994 227,521 175,361 244,956 |
| STEPHENS GRANDVIEW 0 |
| STEPHENS MARLOW 508,334 596,588 394,593 603,179 732,763 689,413 676,076 874,547 1,076,076 621,699 449,567 671,450 |
| STEPHENS VELMA-ALMA 169,408 196,546 122,463 191,885 240,122 228,840 227,284 283,750 330,615 199,128 151,827 217,246 |
| TEXAS GOODWELL 136,261 113,677 87,359 77,766 52,241 36,357 60,290 59,052 66,058 35,324 22,295 61,042 |
| TEXAS GUYMON 1,752,897 1,568,303 1,225,257 1,021,596 682,685 425,328 750,968 749,849 809,912 444,657 289,560 796,811 |

| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | | | | | | | | | | | | | |
|---|--------------------------------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
| TEXAS | HARDESTY | 62,929 | 47,179 | 34,258 | 29,288 | 22,109 | 14,184 | 22,685 | 23,690 | 25,512 | 11,478 | 7,331 | 23,771 |
| TEXAS | HOOKER | 361,891 | 318,476 | 252,815 | 225,939 | 152,514 | 96,259 | 172,801 | 167,143 | 177,555 | 94,766 | 60,198 | 171,847 |
| TEXAS | ΟΡΤΙΜΑ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEXAS | STRAIGHT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEXAS | ТЕХНОМА | 184,616 | 155,966 | 132,719 | 103,708 | 66,990 | 41,918 | 64,656 | 63,623 | 66,129 | 35,846 | 23,558 | 75,511 |
| TEXAS | TYRONE | 156,036 | 138,434 | 109,956 | 94,889 | 61,269 | 36,554 | 60,601 | 58,170 | 58,649 | 31,327 | 20,825 | 67,067 |
| TEXAS | YARBROUGH | 78,551 | 67,739 | 61,170 | 46,716 | 31,833 | 18,820 | 30,718 | 31,991 | 28,024 | 14,857 | 7,744 | 33,961 |
| TILLMAN | DAVIDSON | 5,900 | 8,063 | 5,396 | 12,774 | 9,344 | 2,797 | 1,676 | 0 | 0 | 0 | 0 | 4,005 |
| TILLMAN | FREDERICK | 79,307 | 60,306 | 46,641 | 126,536 | 102,917 | 34,061 | 22,790 | 27,133 | 41,258 | 25,362 | 10,736 | 49,774 |
| TILLMAN | GRANDFIELD | 12,795 | 18,652 | 14,018 | 37,503 | 30,566 | 9,755 | 6,413 | 7,293 | 9,409 | 6,264 | 2,673 | 14,255 |
| TILLMAN | TIPTON | 14,517 | 25,588 | 19,844 | 51,197 | 39,614 | 12,822 | 7,416 | 8,859 | 13,727 | 8,337 | 3,333 | 19,074 |
| TULSA | BERRYHILL | 1,702 | 1,463 | 2,002 | 1,583 | 1,333 | 722 | 711 | 763 | 924 | 672 | 339 | 1,051 |
| TULSA | віхву | 6,439 | 5,978 | 8,384 | 6,776 | 5,867 | 3,304 | 3,413 | 3,824 | 4,778 | 3,689 | 1,923 | 4,794 |
| TULSA | BROKEN ARROW | 22,346 | 20,034 | 27,650 | 21,250 | 18,512 | 10,295 | 10,423 | 11,556 | 14,004 | 10,487 | 5,559 | 14,977 |
| TULSA | COLLINSVILLE | 3,525 | 3,215 | 4,367 | 3,310 | 2,727 | 1,518 | 1,518 | 1,723 | 2,085 | 1,569 | 827 | 2,286 |
| TULSA | DEBORAH BROWN (CHARTER) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULSA | DOVE SCHOOLS OF TULSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULSA | GLENPOOL | 3,243 | 2,855 | 3,912 | 2,996 | 2,602 | 1,464 | 1,514 | 1,670 | 2,047 | 1,539 | 806 | 2,140 |
| TULSA | JENKS | 13,850 | 12,152 | 17,429 | 13,534 | 11,451 | 6,391 | 6,500 | 7,345 | 9,158 | 6,900 | 3,597 | 9,446 |
| TULSA | KEYSTONE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULSA | LANGSTON HUGHES ACAD ARTS-TECH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULSA | LIBERTY | 805 | 720 | 996 | 725 | 589 | 317 | 308 | 340 | 401 | 291 | 146 | 483 |
| TULSA | OWASSO | 12,269 | 11,032 | 15,241 | 11,745 | 9,682 | 5,454 | 5,444 | 6,045 | 7,311 | 5,387 | 2,825 | 8,017 |
| TULSA | SAND SPRINGS | 7,235 | 6,109 | 8,516 | 6,530 | 5,442 | 2,948 | 2,900 | 3,153 | 3,798 | 2,796 | 1,437 | 4,363 |
| TULSA | SANKOFA MIDDLE SCHL (CHARTER) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULSA | SKIATOOK | 3,429 | 3,051 | 4,173 | 3,165 | 2,598 | 1,426 | 1,414 | 1,545 | 1,872 | 1,341 | 675 | 2,126 |
| TULSA | SPERRY | 627,904 | 831,544 | 667,699 | 803,536 | 289,633 | 175,826 | 293,727 | 301,007 | 400,984 | 240,361 | 139,926 | 414,424 |
| TULSA | TULSA | 54,347 | 48,929 | 66,321 | 50,539 | 42,071 | 22,990 | 22,747 | 24,866 | 29,485 | 21,672 | 11,005 | 34,062 |
| TULSA | TULSA CHARTER: COLLEGE BOUND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULSA | TULSA CHARTER: COLLEGIATE HALL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULSA | TULSA CHARTER: HONOR ACADEMY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULSA | TULSA CHARTER: KIPP TULSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULSA | TULSA CHARTER: SCHL ARTS/SCI. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULSA | TULSA LEGACY CHARTER SCHL INC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TULSA | UNION | 20,236 | 17,877 | 24,372 | 18,878 | 15,947 | 8,774 | 8,878 | 9,672 | 11,718 | 8,637 | 4,463 | 12,922 |
| WAGONER | COWETA | 13,813 | 16,939 | 11,904 | 15,311 | 16,978 | 9,086 | 6,944 | 6,506 | 6,848 | 3,476 | 1,201 | 9,519 |
| WAGONER | ΟΚΑΥ | 2,012 | 2,369 | 1,667 | 1,953 | 2,057 | 1,121 | 852 | 842 | 770 | 381 | 132 | 1,214 |
| WAGONER | PORTER CONSOLIDATED | 2,346 | 2,960 | 2,064 | 2,735 | 2,984 | 1,517 | 1,175 | 1,066 | 1,066 | 563 | 208 | 1,634 |
| WAGONER | WAGONER | 10,408 | 12,948 | 8,658 | 11,088 | 12,252 | 6,385 | 4,982 | 4,728 | 4,904 | 2,451 | 811 | 6,921 |
| WASHINGTON | BARTLESVILLE | 99,111 | 192,502 | 101,727 | 125,391 | 47,435 | 36,354 | 58,837 | 55,614 | 66,828 | 39,702 | 22,249 | 74,664 |
| WASHINGTON | CANEY VALLEY | 12,264 | 24,877 | 12,998 | 16,333 | 5,983 | 4,635 | 7,582 | 7,431 | 9,241 | 5,500 | 3,112 | 9,769 |
| WASHINGTON | COPAN | 4,887 | 9,154 | 4,561 | 14,420 | 7,060 | 2,283 | 2,378 | 2,240 | 2,614 | 1,497 | 776 | 4,698 |
| WASHINGTON | DEWEY | 20,073 | 39,113 | 20,899 | 26,953 | 9,931 | 7,532 | 12,102 | 11,303 | 13,988 | 8,272 | 4,629 | 15,472 |
| WASHITA | BURNS FLAT-DILL CITY | 1,351,371 | 1,878,492 | 897,058 | 836,684 | 758,414 | 385,820 | 299,451 | 303,554 | 255,284 | 139,234 | 155,892 | 590,988 |
| WASHITA | CANUTE | 831,386 | 1,232,722 | 582,364 | 541,036 | 502,299 | 256,061 | 215,259 | 225,734 | 178,539 | 93,303 | 96,037 | 392,335 |
| WASHITA | CORDELL | 1,719,565 | 2,213,411 | 985,186 | 923,997 | 875,767 | 427,991 | 360,969 | 367,808 | 289,458 | 163,117 | 181,538 | 678,924 |

| Figure 36. (Cont.) Gross Production Tax Distributions by County/School District | | | | | | | | | | | | | |
|---|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|------------|------------|------------|
| County | School District | FY2011 | FY2012 | FY2013 | FY2014 | FY2015 | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | FY2021 | 10-Yr Avg |
| WASHITA | SENTINEL | 673,990 | 945,357 | 426,241 | 428,398 | 390,703 | 196,625 | 168,497 | 166,286 | 134,170 | 77,760 | 83,918 | 301,796 |
| WASHITA | WASHITA HEIGHTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WOODS | ALVA | 1,291,557 | 1,942,963 | 1,271,109 | 2,572,076 | 3,735,639 | 2,030,610 | 2,349,039 | 2,356,914 | 2,065,073 | 1,069,820 | 573,154 | 1,996,640 |
| WOODS | FREEDOM | 218,698 | 168,171 | 102,734 | 201,513 | 326,085 | 174,265 | 187,275 | 169,465 | 150,268 | 67,919 | 26,200 | 157,389 |
| WOODS | WAYNOKA | 327,483 | 486,134 | 350,980 | 686,945 | 1,058,644 | 584,018 | 627,672 | 568,568 | 465,073 | 239,258 | 123,808 | 519,110 |
| WOODWARD | FORT SUPPLY | 37,239 | 31,942 | 18,599 | 14,843 | 14,925 | 10,145 | 9,797 | 14,756 | 21,130 | 13,976 | 7,281 | 15,739 |
| WOODWARD | MOORELAND | 129,254 | 131,452 | 76,561 | 62,738 | 66,729 | 38,971 | 36,585 | 58,238 | 88,075 | 57,972 | 30,022 | 64,734 |
| WOODWARD | SHARON-MUTUAL | 71,827 | 71,687 | 44,423 | 37,872 | 37,847 | 22,544 | 20,810 | 31,754 | 43,953 | 28,895 | 12,374 | 35,216 |
| WOODWARD | WOODWARD | 673,432 | 650,998 | 405,959 | 344,573 | 372,161 | 226,150 | 197,570 | 307,725 | 455,950 | 290,992 | 141,753 | 339,383 |
| | ALL DISTRICTS | 66,876,156 | 72,663,646 | 60,498,956 | 79,735,839 | 83,877,100 | 56,880,656 | 60,535,813 | 81,606,568 | .03,601,375 | 77,662,782 | 57,603,655 | 73,466,639 |

Source: Oklahoma State Department of Education – Oklahoma Cost Accounting System

Total Business Tax Burden

In addition to large severance tax payments, the state's oil and gas cluster is well known for paying significant amounts of state and local taxes across all major tax streams. This section of the report examines the Bureau of Economic Analysis (BEA) dataset on state-level tax payments by industry to evaluate the total tax contribution of firms operating within Oklahoma's oil and gas cluster.

BEA Database on Business Taxes. The BEA data collection program for Gross Domestic Product (GDP)²³ at the state level provides the most widely used comparative measure of federal, state, and local business taxes paid by industry sector within each state.²⁴ The dataset provides a comprehensive and consistent tabulation of business taxes paid on goods and services produced or imported by firms in 81 NAICS industry sectors at the state level. While data is not available at highly disaggregated industry levels, the dataset captures the tax payments of the major components of the state's oil and gas cluster – primarily the mining, pipeline, and refinery sectors.

The BEA dataset is especially useful for the purposes of this report in calculating the 'business' tax contribution of firms within an industry because it captures all federal, state, and local taxes paid by firms that are deductible for tax purposes. As a result, the dataset captures nearly all taxes paid except corporate income taxes and employer social security contributions.²⁵

It is important to note that the BEA dataset excludes tax payments by households on the compensation of wage and salary workers. Taxes paid on self-employment or proprietors' earnings are likewise excluded.²⁶

Although not broken down into detail by individual type of tax, the dataset is unique in that it divides total statewide tax payments into the industry sectors making the payments. A comprehensive set of state and local taxes are covered including sales and use taxes, motor fuel, property, severance, motor vehicle, state payroll, and others.²⁷ The data is of further value for assessing tax burden in this report because approximately 90% of the taxes are paid to state and local governments, with only about 10% going to federal government (primarily excise taxes and custom duties).

Payments by the Oil and Gas Cluster. BEA tax estimates for the mining sector are combined with the taxes paid by refineries and pipelines operating in the state. This captures a high percentage of all business taxes paid by firms operating in the state's oil and gas cluster.

Based on the BEA dataset, Oklahoma establishments in the oil and gas cluster paid a total of \$2.66 billion in business taxes in 2020 (*Figure 37a*). Again, state and local taxes comprise most of the payments with federal payments only a small share. The \$2.66 billion in taxes paid in 2020 is 10-15% below the recent peak of more than \$3 billion in 2013 and 2014 but is roughly equal to the \$2.75 billion average across the recent 2015 to 2019 period. Total tax payments by the oil and gas cluster in 2020 were down 5% from \$2.8 billion in 2019.

Oil and Gas Cluster Pays a High Share of Total Oklahoma Business Taxes

Firms in the state's oil and gas cluster account for a large share of total business taxes paid by all firms in the state (*Figure 37b*). BEA reports a total of \$13.13 billion in total business taxes paid by firms across all industries in Oklahoma in 2020. This suggests that tax payments by the major components of the state's oil and gas cluster accounted for 20.3% of total business taxes paid statewide in 2020. The share has stabilized just above 20% but is down more than five percentage points from the recent high of 25.9% in 2012 during a period of elevated energy prices. Again, the cluster comprises only 3.6% of state business establishments and 3.8% of total state employment but accounts for more than 20% of total taxes paid by Oklahoma firms.



Source: Bureau of Economic Analysis and RegionTrack calculations

Oil and Gas Cluster vs. Other Major Industries in Oklahoma

The share of total state business taxes paid by firms in the oil and gas cluster is far higher than all other major industry sectors in the state. Figure 38 provides estimates of total tax payments for most major industry sectors in Oklahoma for 2020. The oil and gas drilling, production, and support sector accounted for 18.9% of total statewide taxes; the refinery sector accounted for 0.4%; and pipelines paid 0.9% of total statewide taxes in 2020.

Combined, these three components of the state's oil and gas cluster accounted for 20.3% of all federal, state, and local taxes paid statewide. The drilling, production, and support sector alone accounted for 94% of total cluster tax payments, with pipelines and refineries paying a combined 6% of total cluster taxes. Gross production taxes comprise a large portion of the tax payments derived from the state's oil and gas cluster.

The oil and gas cluster pays a higher share of total taxes than the state's two key sales tax conduit sectors, Wholesale Trade (17.1%) and Retail Trade (18.2%), both of which collect and forward significant taxes but produce relatively little GDP (their combined GDP is less than the mining sector).

The share of total statewide business taxes paid is far lower in the state's other key high-taxshare sectors including Finance and Insurance (\$739 million, 5.6% share), Accommodations and Food Service (\$683 million, 5.2% share), Utilities (\$430 million, 3.3% share), Arts, Entertainment, and Recreation (\$245 million, 1.9% share), and Transportation and Warehousing (\$277 million, 2.1% share). Combined, these five high-tax industries paid only \$2.4 billion in total taxes in 2020, or 18.1% of total statewide business taxes paid, just less than the 20.3% share of total state taxes paid by the major components of the oil and gas cluster.

| Figure 38. Federal, State, & Local Tax Payments by Major Sector – Oklahoma (2020) | | | | | | | | | | |
|---|--------------------|----------|--|--|--|--|--|--|--|--|
| | (\$millions) | Share of | | | | | | | | |
| Industry Sector | Total Taxes | Total | | | | | | | | |
| Agriculture, forestry, fishing and hunting | \$189.9 | 1.4% | | | | | | | | |
| Mining, quarrying, and oil and gas extraction | 2,525.3 | 19.2% | | | | | | | | |
| Oil and gas drilling, production, and support | 2,491.3 | 18.9% | | | | | | | | |
| Utilities | 429.7 | 3.3% | | | | | | | | |
| Construction | 86.6 | 0.7% | | | | | | | | |
| Manufacturing | 407.1 | 3.1% | | | | | | | | |
| Durable goods manufacturing | 164.8 | 1.3% | | | | | | | | |
| Nondurable goods manufacturing | 242.3 | 1.8% | | | | | | | | |
| Petroleum and coal products manufacturing | 50.6 | 0.4% | | | | | | | | |
| Wholesale trade | 2,241.5 | 17.1% | | | | | | | | |
| Retail trade | 2,387.4 | 18.2% | | | | | | | | |
| Transportation and warehousing | 276.5 | 2.1% | | | | | | | | |
| Pipeline transportation | 117.9 | 0.9% | | | | | | | | |
| Information | 312.3 | 2.4% | | | | | | | | |
| Finance and insurance | 738.6 | 5.6% | | | | | | | | |
| Real estate and rental and leasing | 1,402.5 | 10.7% | | | | | | | | |
| Professional, scientific, and technical services | 273.9 | 2.1% | | | | | | | | |
| Management of companies and enterprises | 154.7 | 1.2% | | | | | | | | |
| Administrative and support and waste management | 213.5 | 1.6% | | | | | | | | |
| Educational services | 39.1 | 0.3% | | | | | | | | |
| Health care and social assistance | 313.3 | 2.4% | | | | | | | | |
| Arts, entertainment, and recreation | 244.6 | 1.9% | | | | | | | | |
| Accommodation and food services | 683.2 | 5.2% | | | | | | | | |
| Other services | 180.0 | 1.4% | | | | | | | | |
| All industry total | \$13,130.8 | 100.0% | | | | | | | | |

Notes: Major component sectors of the state's oil and gas cluster are highlighted.

Source: Bureau of Economic Analysis and RegionTrack calculations

VIII. Endnotes

¹ For current U.S. Strategic Petroleum Reserve storage data, see: https://www.spr.doe.gov/dir/dir.html

² Bureau of Labor Statistics produces state-level industry measures by employment size only at the 2-digit NAICS level. The Mining sector (NAICS 21) is used as a proxy for the oil and gas cluster. The Mining sector (NAICS 21) captures slightly more of the industry than the three core sectors (NAICS 211, 213111, and 213112).

³ EIA Short Term Energy Outlook. Release Date: November 9, 2021. https://www.eia.gov/outlooks/steo/

⁴ Natural gas is converted to barrels-of-oil-equivalent (BOE) using a ratio of 6 mcf of natural gas per barrel of oil.

⁵ Both royalty percentages and the share of royalties paid to nonresidents are calculated using historical royalty payment rosters provided by several oil and gas operators in Oklahoma. Royalties are deemed paid to a resident if the receiving postal address is in Oklahoma.

⁶ Net exports are measured as state production minus state consumption as defined by EIA in the State Energy Data System (SEDS). Available online at: http://www.eia.gov/state/seds/

⁷ Much of the increased earnings are traced to the conversion of corporate pipeline operating entities to various types of partnerships in recent years. This has shifted income from corporate taxation to treatment as income for individuals.

⁸ Data on fixed private investment are generally not available at the state level and must be estimated from national data. We follow the common approach of apportioning national data on private fixed investment to the states using industry level data on a region's share of national earnings. A similar approach is used by the Bureau of Economic Analysis in deriving gross domestic product estimates at the state and metro area levels. State-level capital at the industry level is estimated using the approach of Garofalo and Yamarik as described in: Yamarik, Steven, 2013. "State-Level Capital and Investment: Updates and Implications." Contemporary Economic Policy, Vol. 31, Issue 1, pp. 62-72; and in Garofalo, Gasper A. and Steven Yamarik. 2002. "Regional Convergence: Evidence from a New State-by-State Capital Stock Series." Review of Economics and Statistics, 84:2, pp.316-323. The approach apportions state-level estimates from national investment data using state level earnings by industry. The regional earnings data at the industry level used to partition the national data contain missing and suppressed values. We estimate the missing values using a large-scale RAS approach. Priors for the estimation process are determined using either disclosed values across the full period or national industry ratios.

⁹ For additional information on U.S. fixed investment by industry, see the National Income and Product Accounts (NIPA) available online at Bureau of Economic Analysis (www.bea.gov), Table 5.3.5 Private Fixed Investment by Type.

¹⁰ By individual commodity, total spending on construction in Oklahoma is roughly equal in size to capital spending by the oil and gas industry. However, construction expenditures are traced to a variety of industries, as well as the household sector, rather than to just a single industry. Manufacturing is the most capital-intensive industry nationally, with oil and gas second. However, the high concentration of oil and gas in the state tips the balance well in favor of oil and gas in Oklahoma.

¹¹ RIMS (Regional Input-Output Modeling System) II multipliers are discussed in detail at: https://apps.bea.gov/regional/rims/rimsii/. Multipliers used in the report are based on the 2017 regional update of the 2012 U.S. input-output model underlying the RIMS II estimates.

¹² Caution must always be used when using input-output multipliers to assess the total 'contribution' or total economic activity 'supported' by an existing industry or firm. Input-output multipliers are intended to predict the change in economic activity that results from an incremental change in the current state of a regional economy. More specifically, the estimates provided for the oil and gas cluster reflect predictions from the RIMS II input-output model of the incremental impact that would result if cluster GDP expanded incrementally. The actual realized impact is determined by the unique adjustment process that would take place in the state as oil and gas activity changed.

¹³ While the input-output approach provides a useful way to measure the extent of the economic interlinkages within a regional economy, the approach is not without shortcomings. The primary criticisms of the approach are misapplication of the models and the failure of the largely static approach to account for changes in other areas of the economy such as prices, wages, and traded activity. Despite these criticisms, careful application of the models can provide useful estimates of the total gross economic activity attributable to an individual industry, firm, or institution within a region. Input-output analysis is most appropriate when the policy change or stimulus does not alter production patterns, product prices, input prices, wage rates, or cost of capital. It is generally most useful when there are no capital or labor constraints.

¹⁴ The three-step process of matching the components of the cluster to sectors, modeling the individual effects, and then aggregating the individual contributions of the components is often termed analysis-by-parts. It is technically equivalent to

modeling the activity as a single entity, but the process can produce more appropriate impact estimates when the activities being modeled do not fit precisely within a single RIMS II industry sector.

¹⁵ We do not attempt to formulate a comprehensive net cost-benefit analysis of the state's oil and gas cluster. There are many relevant components to a net analysis that extend well beyond the direct economic role of the cluster. These include social costs and benefits, alternative uses of state and local funding, alternative options for providing energy in the state, and the deadweight economic loss that can occur in the private sector because of taxpayer funding of services.

¹⁶ Caution must be exercised when using input-output analysis to estimate the total economic activity 'supported' by an existing industry or firm. Input-output multipliers are designed to predict the gross changes in a regional economy resulting from a small, incremental change in its current structure. For an accessible discussion of how multiplier-based estimates of spillover effects are frequently misused and often overstate resulting spillover effects, see Hughes (2018) https://extension.tennessee.edu/publications/Documents/W644.pdf and Olfert and Stabler (1994) https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1468-2257.1994.tb00155.x.

¹⁷ We do not construct a counterfactual scenario that represents an alternative comparative view of the state economy that removes the oil and gas cluster and its various interrelationships from the structure of the model. Devising a sound counterfactual analysis that represents a reasonable alternative use to oil and gas presents a considerable modeling challenge. It is not at all clear what the proper counterfactual should be in assessing the economic role of oil and gas production.

¹⁸ Production quantities for both crude oil and natural gas are based on Energy Information Administration (EIA) estimates. The price of crude oil is based on the state level series of first purchaser prices produced by EIA. The price of natural gas is based on EIA prices through 2011 and Oklahoma Tax Commission prices from 2012 to 2021. All effective rate calculations are based on the state's fiscal year beginning July 1 of each year. The value of production is similarly tabulated on a matching fiscal year basis in calculating the effective rate.

¹⁹ The state's Constitutional Reserve Fund (CRF) is more commonly known as the Rainy Day Fund. The state legislature recently created the new Revenue Stabilization Fund (RSF) in 2018. A portion of collections from gross production and corporate income above a threshold five-year average may be directed to the RSF. For more details, see: https://oklahoma.gov/content/dam/ok/en/omes/documents/bud22.pdf

²⁰ For detailed revenue and expenditure reports, see: https://sdeweb01.sde.ok.gov/OCAS_Reporting/StateReports.aspx. For a summary of current and historical apportionment, see:

https://www.ok.gov/tax/Forms_&_Publications/Reports_&_Statistics/Apportionment_Charts_&_Formulas/index.html

²¹ For the full apportionment rules for gross production tax in Oklahoma, see: http://www.oscn.net/applications/oscn/deliverdocument.asp?cite=68+O.S.+1004

²² For a description of the Common Education Technology Revolving Fund, see: http://www.oscn.net/applications/oscn/DeliverDocument.asp?citeid=456863

²³ For access to the BEA data, see: https://www.bea.gov/data/gdp/gdp-state

²⁴ For details on the BEA methodology, see:

https://www.bea.gov/sites/default/files/methodologies/0417_GDP_by_State_Methodology.pdf. For detailed coverage of taxes, see: https://apps.bea.gov/scb/2018/04-april/0418-preview-2018-comprehensive-nipa-update.htm

²⁵ BEA tracks employer contributions as a component of employee compensation.

²⁶ Taxes paid by wage and salary workers and self-employed proprietors working in the industry are significant as well. See for example: Snead, Mark C. and Amy A. Jones. 2019. "Oklahoma Oil and Gas Activity and Tax Contribution." RegionTrack Inc. for the Oklahoma State Chamber Research Foundation. Available online at: https://www.regiontrack.com/www/wp-content/uploads/Oklahoma-Oil-Gas-Impact-Taxes-2019-RegionTrack.pdf

²⁷ Most of the underlying tax estimates are built 'bottom-up' using either special tabulations at the state level, government finance data from the Census Bureau, or IRS tax receipts. The series also nets out any subsidies received by the industry. Totals are controlled to Census Bureau estimates for state and local tax payments received within each state to adjust for payments made within each state.

Blank page

OKLAHOMA'S OIL AND GAS ECONOMY

Oklahoma Energy Resources Board

January 2022