

# Houston Area Employment Situation

# January 2023

### CURRENT EMPLOYMENT AND LOCAL AREA UNEMPLOYMENT STATISTICS

Last Year's Momentum Continues in January Despite Downward Revisions to 2022 Job Growth

### **Total Nonfarm**

### Over-the-month Change

Houston MSA Total Nonfarm employment stood at 3,285,600 in January, down -50,200 jobs over the month, or -1.5 percent on a not-seasonally-adjusted basis (see Chart 1). A year ago Houston registered an over-the-month decrease of 57,400 jobs. Historically in the month of January, Total Nonfarm has on average lost -44,500 jobs over the month, which indicates that this month's losses are slightly larger than the long-term average decline. Note that over-the-month losses are typical each January in most sectors and Total Nonfarm employment (NSA) due to the conclusion of holiday-related seasonal jobs and downward adjustments to population estimates by BLS.

The primary drivers of this January's decline were decreases in Trade, Transportation, and Utilities; Professional and Business Services; and Leisure and Hospitality. Losses were also recorded in Government; Education and Health Services; and Construction. Houston MSA Total Nonfarm (seasonally adjusted) employment stood at 3,321,800, up 9,800 jobs over the month, or 0.3 percent vs. a historical average of 3,700. This was the largest January over-the-month gain in since 2021. This January marks 23 consecutive month-over-month gains on a seasonally-adjusted basis. All analysis pertains to not-seasonally adjusted data unless otherwise noted. Data source: BLS/TWC.

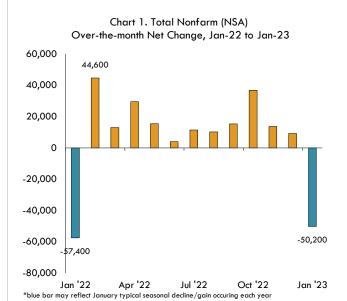
Top-3 Drivers of Over-the-month Job Loss in January

- Trade, Transportation, and Utilities: -13,800
- Professional and Business Services: -13,200
  - Leisure and Hospitality: -6,800

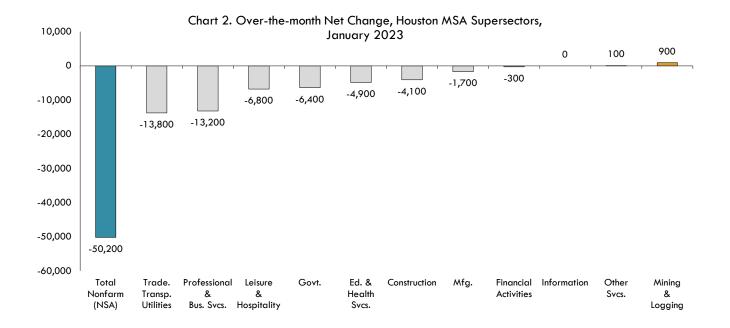
## **NOTICE: SPECIAL REPORT ON 2022 BENCHMARK REVISIONS CAN BE FOUND ON PAGE 18**

### Over-the-year Change

Over the year, Total Nonfarm employment was up 152,900 or 4.9 percent on a not-seasonally-adjusted basis and up 154,900 or 4.9 percent on a seasonally-adjusted basis (see NSA Chart 3). To compare, January 2022 saw a year-over-year gain of 160,300 jobs (NSA) from January 2021. This was the secondlargest over-the-year gain in the month of January since records began in 1990 and the largest gain since October 2022's increase of 161,300 jobs. Currently all 11 sectors show growth



year over year of which the top-three are Trade, Transportation, and Utilities (28,400); Professional and Business Services (27,500); and Education and Health Services (20,500) (see Chart 4). Total Nonfarm employment not-seasonally-adjusted now exceeds its February 2020 pre-pandemic level of 3,191,800 jobs by 93,800, or 2.9 percent (123,900 jobs, 3.9 percent above 3,197,900 seasonally adjusted).



### January 2023

### Previous Month's Revisions

See benchmark revisions at the end of this report.

Top-3 Drivers of Over-the-year Job Growth in January

- Trade, Transportation, and Utilities: 28,400
- Professional and Business Services: 27,500
  - Education and Health Services: 20,500

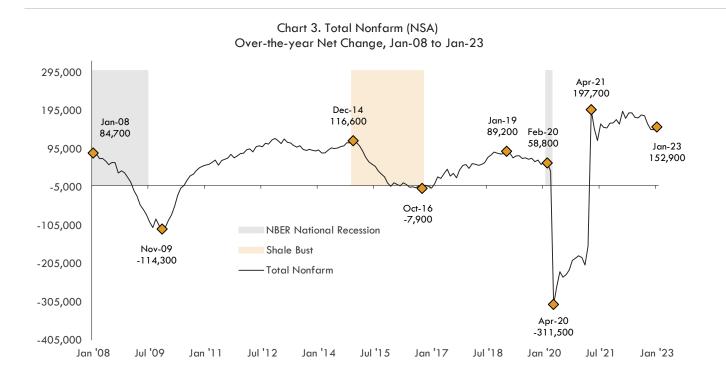
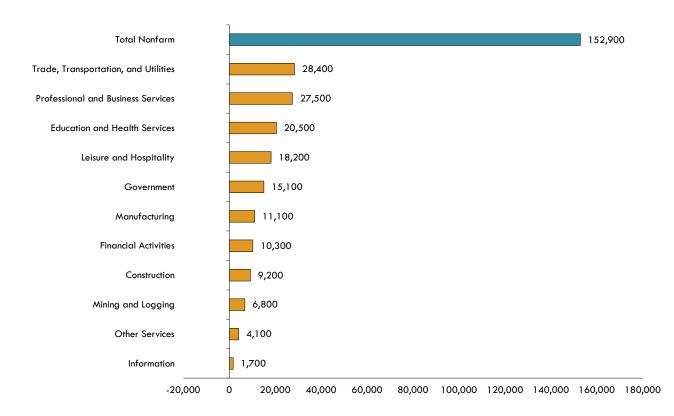


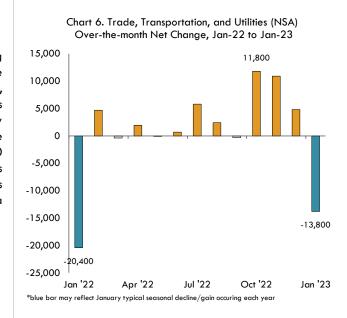
Chart 4. Over-the-year Net Change, Houston MSA Supersectors, January 2022 to January 2023



# Trade, Transportation, and Utilities

### Over-the-month Change

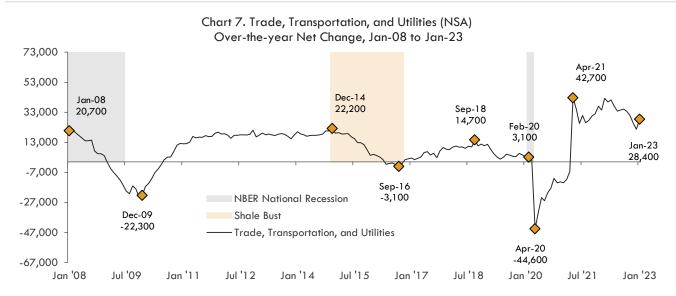
Trade, Transportation, and Utilities was the largest declining sector over the month down -13,800 jobs, or -2.0 percent (see Chart 6). Historically in the month of January, Trade, Transportation, and Utilities has lost an average of -17,600 jobs over the month, which indicates that this month's losses are slightly smaller than the long-term average decline. Retail Trade was the largest contributor to the overall sector's decline, down -8,600 jobs over the month. The second-largest declining contributor was Transportation, Warehousing, and Utilities, which lost -5,600 jobs from December to January. Lastly, Wholesale Trade offset a portion of the sector's losses with a gain of 400 jobs.



### Over-the-year Change

Year over year, Trade, Transportation, and Utilities was up 28,400 jobs, or 4.3 percent (see Chart 7). This was the secondlargest over-the-year gain in the month of January since records began in 1990 and the largest gain since October 2022's increase of 30,900 jobs. It also marks 22 consecutive months of over-the-year gains. Furthermore, 18.6 percent of total (gross) jobs added across the region over the past year can be attributed to Trade, Transportation, and Utilities. Transportation, Warehousing, and Utilities was the largest contributor to the overall sector's increase, up 12,500 jobs over the year. The

second-largest contributor was Wholesale Trade, which added 9,900 jobs from January a year ago. Lastly, Retail Trade contributed, 6,000 jobs. Total Trade, Transportation, and Utilities employmnent (NSA) now exceeds its February 2020 prepandemic level of 628,500 jobs by 54,400, or 8.7 percent. At the same time, the sector's share of Houston area Total Nonfarm Employment has fallen from 20.9 percent to 20.8 percent over the past year.



**About This Sector** 

This sector is composed of establishments wholesaling agriculture, mining, and manufactured goods; retailing goods in small quantities to the public incl. online; transporting passengers and cargo; warehousing and storage; and providing electricity, natural gas, water, and sewage removal. Of the three main component industries, Retail Trade accounts for a plurality of the sector's employment at 47 percent (see Chart 8). Across the Houston MSA, the concentration of jobs in the overall sector is 10 percent higher than the national average, due to a 35-percent higher concentration in Wholesale Trade primarily related to the oil and gas industry.

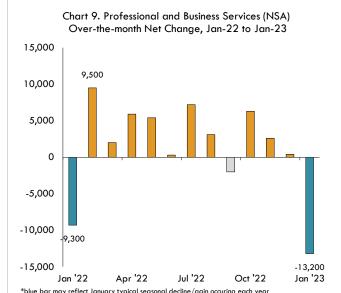
Chart 8. Employment in Component Industries of Trade, Transportation, and Utilities Sector - January 2023 Retail Trade Transportation, Warehousing, & Utilities

# **Professional and Business Services**

### Over-the-month Change

Professional and Business Services was the second-largest declining sector over the month down -13,200 jobs, or -2.4 percent (see Chart 9)., and now stands as the third-largest overthe-month decrease of any month in the past three decadesThis was the largest January decline since 2009 and the secondlargest decline historically for the month of January since records began in 1990. Furthermore this January stands as the thirdlargest over-the-month decrease of any month in the past three decades. Historically in the month of January, Professional and Business Services has lost an average of -6,200 jobs over the month, which indicates that this month's losses are substantially larger than the long-term average decline. Administrative and Support and Waste Management and Remediation Services was the largest contributor to the overall sector's decline, down -8,400 jobs over the month. The second-largest declining contributor was Professional, Scientific, and Technical Services, which lost -4,800 jobs from December to January. Lastly, Management of Companies and Enterprises saw no change

### over the month.



### Over-the-year Change

Year over year, Professional and Business Services was up 27,500 jobs, or 5.4 percent (see Chart 10). This was the second-largest over-the-year gain in the month of January since records began in 1990. It also marks 22 consecutive months of over-the-year gains. Furthermore, 18.0 percent of total (gross) jobs added across the region over the past year can be attributed to Professional and Business Services. Professional, Scientific, and Technical Services was the largest contributor to the overall sector's increase, up 21,700 jobs over the year. The second-largest contributor was Administrative and Support and Waste

Management and Remediation Services, which added 3,100 jobs from January a year ago. Lastly, Management of Companies and Enterprises contributed, 2,700 jobs. Total Professional and Business Services employment (NSA) now exceeds its February 2020 pre-pandemic level of 514,700 jobs by 26,800, or 5.2 percent. At the same time, the sector's share of Houston area Total Nonfarm Employment has remained constant at 16.4 percent over the past year.

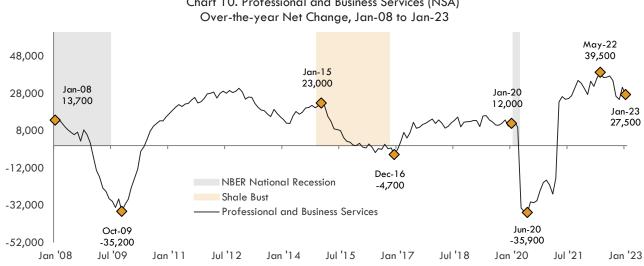
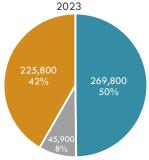


Chart 10. Professional and Business Services (NSA)

### **About This Sector**

This sector is composed of establishments specializing in professional, scientific, and technical activities; managment of establishments holding equity interests in order to influence management decisions; and office administration, hiring of personnel, security, cleaning, and waste disposal. Of the three main component industries, Professional, Scientific, and Technical Services accounts for a plurality of the sector's employment at 50 percent (see Chart 11). Across the Houston MSA, the concentration of jobs in the overall sector is 12 percent higher than the national average, due to a 17-percent higher concentration in Professional, Scientific, and Technical Services serving the oil and gas industry.

Chart 11. Employment in Component Industries of Professional and Business Services Sector - January

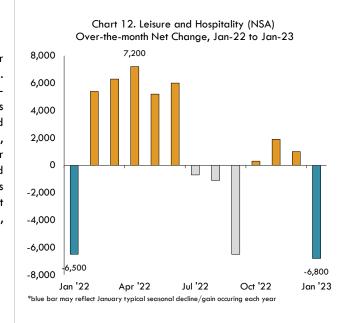


- Professional, Scientific, & Technical Svcs.
- Mgmt. of Companies & Enterprises
- Admin. & Support & Waste Mgmt. & Remediation Svcs.

# Leisure and Hospitality

### Over-the-month Change

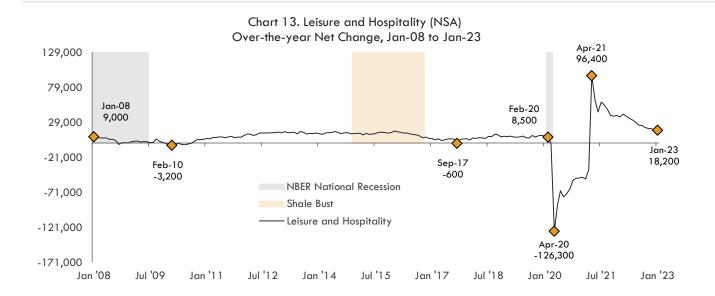
Leisure and Hospitality was the third-largest declining sector over the month down -6,800 jobs, or -2.0 percent (see Chart 12). This was the largest January decline since 1994 and the third-largest decline historically in the month of January since records began in 1990. Historically in the month of January, Leisure and Hospitality has lost an average of -4,400 jobs over the month, which indicates that this month's losses are substantially larger than the long-term average decline. Accommodation and Food Services was the largest contributor to the overall sector's decline, down -6,200 jobs over the month. The second-largest declining contributor was Arts, Entertainment, and Recreation, which lost -600 jobs from December to January.



### Over-the-year Change

Year over year, Leisure and Hospitality was up 18,200 jobs, or 5.7 percent (see Chart 13). This was the second-largest overthe-year gain in the month of January since records began in 1990. It also marks 22 consecutive months of over-the-year gains. Among sectors currently showing growth, this sector is the third-fastest growing in percentage terms across the Houston area. Accommodation and Food Services was the largest contributor to the overall sector's increase, up 15,500 jobs over the year. The second-largest contributor was Arts, Entertainment, and Recreation, which added 2,700 jobs from January a year

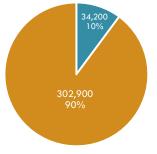
ago. Total Leisure and Hospitality employment (NSA) now exceeds its February 2020 pre-pandemic level of 334,500 jobs by 2,600, or 0.8 percent. At the same time, the sector's share of Houston area Total Nonfarm Employment has remained constant at 10.2 percent over the past year.



### **About This Sector**

This sector is composed of establishments that produce and promote in live performances, events, of exhibits of historical, cultural, or educational interest or related to recreation or hobbies intended for public viewing; and provide customers with lodging and/or meals and beverages for immediate consumption. NOTE: movie theaters are classified under the Information sector rather than Leisure and Hospitality. Of the two main component industries, Accommodation and Food Services accounts for the majority of the sector's employment at 90 percent (see Chart 14). Across the Houston MSA, the concentration of jobs in the overall sector is 0 percent higher than the national average.

Chart 14. Employment in Component Industries of Leisure and Hospitality Sector - January 2023

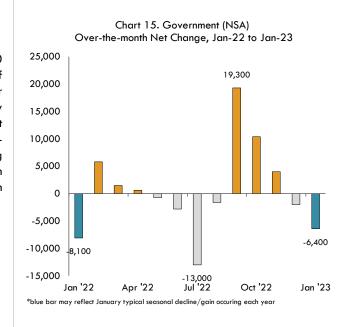


- Arts, Entertainment, & Recreation
- Accommodation & Food Svcs.

### Government

### Over-the-month Change

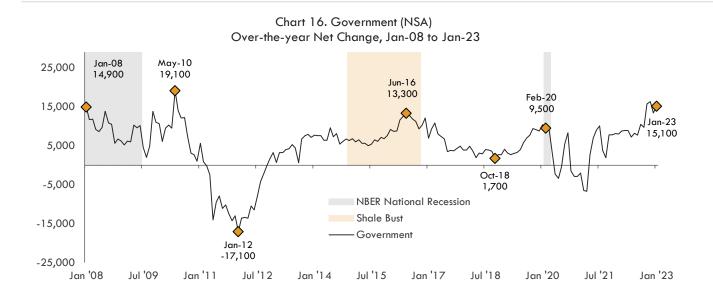
Government also saw a decrease over the month down -6,400 jobs, or -1.4 percent (see Chart 15). Historically in the month of January, Government has lost an average of -5,100 jobs over the month, which indicates that this month's losses are moderately larger than the long-term average decline. Local Government was the largest contributor to the overall sector's decline, down -6,300 jobs over the month. The second-largest declining contributor was Federal Government, which lost -300 jobs from December to January. Lastly, State Government offset a portion of the sector's losses with a gain of 200 jobs.



### Over-the-year Change

Year over year, Government was up 15,100 jobs, or 3.6 percent (see Chart 16). This was the largest January over-theyear increase on record. It also marks 22 consecutive months of over-the-year gains. Local Government was the largest contributor to the overall sector's increase, up 8,800 jobs over the year. The second-largest contributor was State Government, which added 5,000 jobs from January a year ago. Lastly, Federal Government contributed, 1,300 jobs. Total Government employmnent (NSA) now exceeds its February 2020 prepandemic level of 428,400 jobs by 11,600, or 2.7 percent. At

the same time, the sector's share of Houston area Total Nonfarm Employment has fallen from 13.6 percent to 13.4 percent over the past year.



### **About This Sector**

This sector consists of establishments of federal, state, and local government agencies that administer, oversee, and manage public programs and have executive, legislative, or judicial authority over other institutions within a given area that are not performed by private establishments. For MSA data, this includes public education but excludes healthcare. Of the three main component industries, Local Government accounts for the majority of the sector's employment at 71 percent (see Chart 17). Across the Houston MSA, the concentration of jobs in the overall Government sector is 8 percent less than the national average.

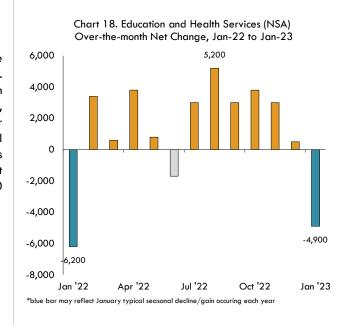
Chart 17. Employment in Component Industries of Government Sector - January 2023



## **Education and Health Services**

### Over-the-month Change

Education and Health Services also saw a decrease over the month down -4,900 jobs, or -1.1 percent (see Chart 18). Historically in the month of January, Education and Health Services has lost an average of -3,200 jobs over the month, which indicates that this month's losses are substantially larger than the long-term average decline. Health Care and Social Assistance was the largest contributor to the overall sector's decline, down -2,600 jobs over the month. The second-largest declining contributor was Educational Services, which lost -2,300 jobs from December to January.



### Over-the-year Change

Year over year, Education and Health Services was up 20,500 jobs, or 5.0 percent (see Chart 19). This was the largest January over-the-year increase on record and the largest gain since September 2022's increase of 22,300 jobs. It also marks 22 consecutive months of over-the-year gains. Health Care and Social Assistance was the largest contributor to the overall sector's increase, up 16,300 jobs over the year. The second-largest contributor was Educational Services, which added 4,200 jobs from January a year ago. Total Education and Health Services employment (NSA) now exceeds its February 2020

pre-pandemic level of 414,400 jobs by 19,600, or 4.7 percent. At the same time, the sector's share of Houston area Total Nonfarm Employment has remained constant at 13.2 percent over the past year.

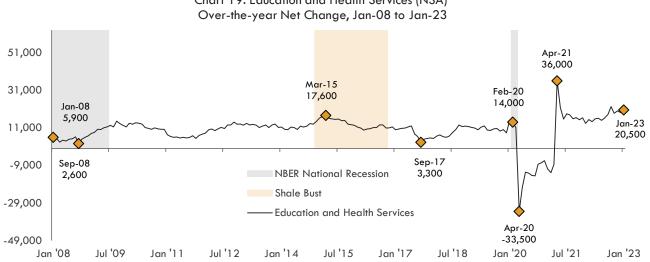
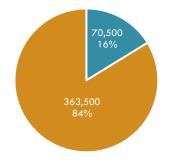


Chart 19. Education and Health Services (NSA)

### **About This Sector**

This sector is composed of establishments that provide private education services (i.e. excluding pubicly-funded primary, secondary, and postsecondary institutions) and establishments that provide healthcare and social assistance to individuals. Of the two main component industries, Health Care and Social Assistance accounts for the majority of the sector's employment at 84 percent (see Chart 20). Across the Houston MSA, the concentration of jobs in the overall sector is 18 percent less than the national average, despite the high physical concentration of healthcare jobs centered around Texas Medical Center.

Chart 20. Employment in Component Industries of Education and Health Services Sector - January 2023

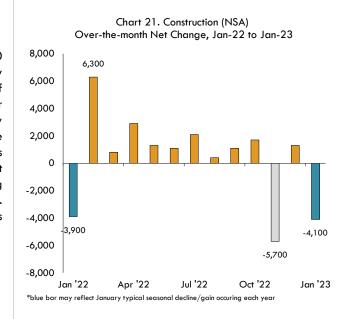


Educational Svcs.
 Health Care & Social Assistance

### Construction

### Over-the-month Change

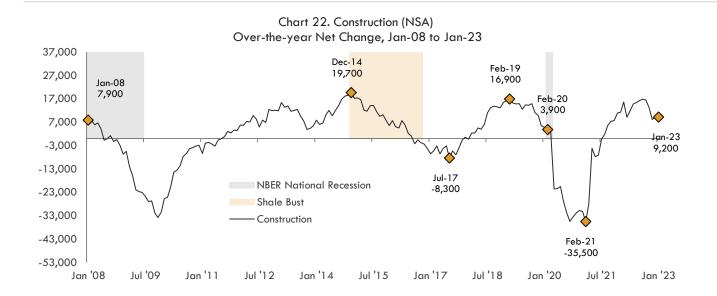
Construction also saw a decrease over the month down -4,100 jobs, or -1.8 percent (see Chart 21). This was the largest January over-the-month decline in since 2021. Historically in the month of January, Construction has lost an average of -3,300 jobs over the month, which indicates that this month's losses are slightly larger than the long-term average decline. Specialty Trade Contractors was the largest contributor to the overall sector's decline, down -4,200 jobs over the month. The second-largest declining contributor was Heavy and Civil Engineering Construction, which lost -300 jobs from December to January. Lastly, Construction of Buildings offset a portion of the sector's losses with a gain of 400 jobs.



### Over-the-year Change

Year over year, Construction was up 9,200 jobs, or 4.4 percent (see Chart 22). This January also marks 18 consecutive months of over-the-year gains. Construction of Buildings was the largest contributor to the overall sector's increase, up 4,300 jobs over the year. The second-largest contributor was Heavy and Civil Engineering Construction, which added 2,900 jobs from January a year ago. Lastly, Specialty Trade Contractors contributed, 2,000 jobs. Total Construction employmnent (NSA) remains -16,900 jobs, or -7.1 percent below its February 2020 pre-pandemic level of 237,400. At the same time, the sector's

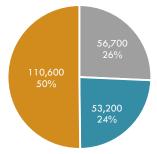
share of Houston area Total Nonfarm Employment has remained constant at 6.7 percent over the past year.



**About This Sector** 

This sector comprises establishments engaged in the construction of buildings, infrastructure, site preparation and subdivision, and specialty trades e.g. masonry, painting, and electrical work. Of the three main component industries, Specialty Trade Contractors accounts for a slight majority of the sector's employment at just over 50 percent (see Chart 23). Across the Houston MSA, the concentration of jobs in the overall Construction sector is 36 percent higher than the national average, due to 2.5 times more jobs in Heavy and Civil Engineering Construction related to turnaround maintenance of petrochemical facilities.

Chart 23. Employment in Component Industries of Construction Sector - January 2023

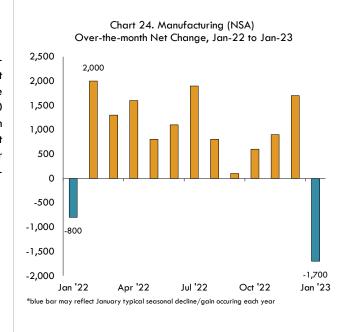


- Heavy & Civil Engineering Construction
- Specialty Trade Contractors

# Manufacturing

### Over-the-month Change

Manufacturing also saw a decrease over the month down -1,700 jobs, or -0.7 percent (see Chart 24). This was the largest January over-the-month decline in since 2021. Historically in the month of January, Manufacturing has lost an average of -1,700 jobs over the month, which indicates that this month's losses are on par with the long-term average. Durable Goods was the largest contributor to the overall sector's decline, down -1,300 jobs over the month. The second-largest declining contributor was Non-Durable Goods, which lost -400 jobs from December to January.



### Over-the-year Change

Year over year, Manufacturing was up 11,100 jobs, or 5.1 percent (see Chart 25). This January also marks 18 consecutive months of over-the-year gains. Durable Goods was the largest contributor to the overall sector's increase, up 6,300 jobs over the year. The second-largest contributor was Non-Durable Goods, which added 4,800 jobs from January a year ago. Total Manufacturing employmnent (NSA) remains -6,500 jobs, or -2.8 percent below its February 2020 pre-pandemic level of 234,500. At the same time, the sector's share of Houston area Total Nonfarm Employment has remained constant at 6.9 percent

over the past year.

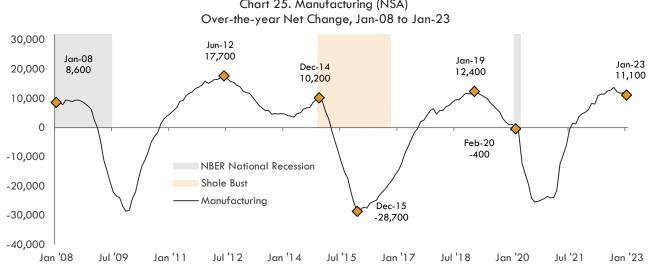
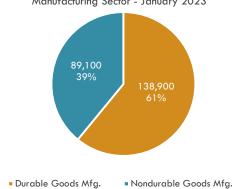


Chart 25. Manufacturing (NSA)

### **About This Sector**

This sector comprises establishments engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. Of the two main component industries, Durable Goods accounts for the majority of the sector's employment at 61 percent (see Chart 26). Across the Houston MSA, the concentration of jobs in the overall Manufacturing sector is 18 percent less than the national average.

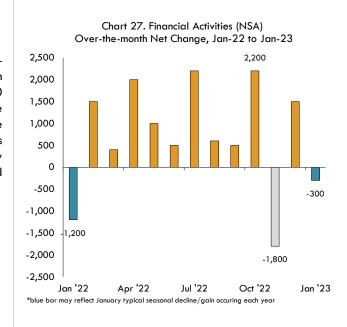
Chart 26. Employment in Component Industries of Manufacturing Sector - January 2023



## **Financial Activities**

### Over-the-month Change

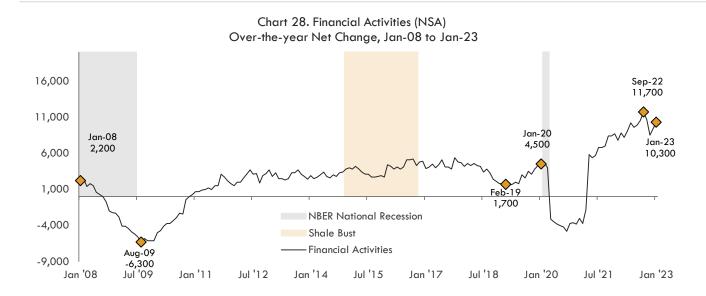
Financial Activities also saw a decrease over the month down - 300 jobs, or -0.2 percent (see Chart 27). Historically in the month of January, Financial Activities has lost an average of -1,400 jobs over the month, which indicates that this month's losses are substantially smaller than the long-term average decline. Finance and Insurance was the largest contributor to the overall sector's decline, down -700 jobs over the month. One component industry that provided a partial offset was Real Estate and Rental and Leasing, which gained 400 jobs from December to January.



### Over-the-year Change

Year over year, Financial Activities was up 10,300 jobs, or 6.0 percent (see Chart 28). This was the largest January over-the-year increase on record and the largest gain since October 2022's increase of 10,700 jobs. It also marks nine consecutive months of over-the-year gains. Among sectors currently showing growth, this sector is the second-fastest growing in percentage terms across the Houston area. Finance and Insurance was the largest contributor to the overall sector's increase, up 5,300 jobs over the year. The second-largest contributor was Real Estate and Rental and Leasing, which added 5,000 jobs from January

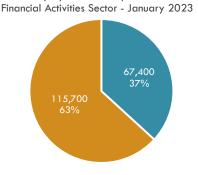
a year ago. Total Financial Activities employment (NSA) now exceeds its February 2020 pre-pandemic level of 169,200 jobs by 13,900, or 8.2 percent. At the same time, the sector's share of Houston area Total Nonfarm Employment has remained constant at 5.5 percent over the past year.



About This Sector

This sector is composed of establishments renting, leasing, or allowing use of assets, and financial transactions such as creation, liquidation, or change in ownership of financial assets, underwriting of insurance, and annuities. Of the two main component industries, Finance and Insurance accounts for the majority of the sector's employment at 63 percent (see Chart 29). Across the Houston MSA, the concentration of jobs in the overall Financial Activities sector is 6 percent less than the national average, due to a 19-percent lower concentration in Finance and Insurance offsetting a 32-percent higher concentration in Real Estate and Rental and Leasing.

Chart 29. Employment in Component Industries of



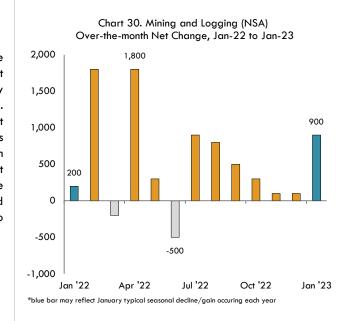
Real Estate & Rental & Leasing Finance & Insurance

# GAINING INDUSTRY HIGHLIGHTS

# Mining and Logging

### Over-the-month Change

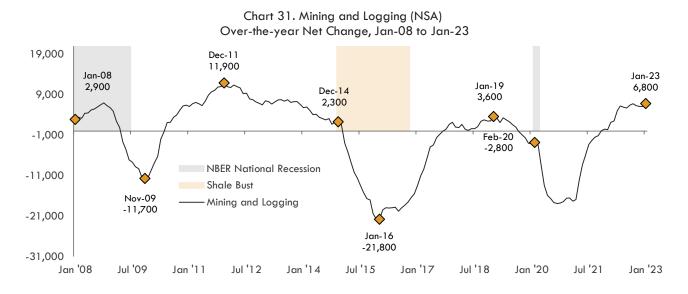
Mining and Logging was the largest gaining sector over the month up 900 jobs, or 1.3 (see Chart 30). This was the largest January gain since 1992 and the second-largest gain historically for the month of January since records began in 1990. Historically in the month of January, Mining and Logging has lost an average of -800 jobs over the month, which indicates that this month's gains are substantially in contrast to the long-term average decline. Support Activities for Mining was the largest contributor to the overall sector's increase, up 600 jobs over the month. The second-largest contributor was Other Mining and Logging Undefined, which added 200 jobs from December to January. Lastly, Oil and Gas Extraction contributed, 100 jobs.



### Over-the-year Change

Year over year, Mining and Logging was up 6,800 jobs, or 11.1 percent (see Chart 31). This was the largest over-the-year gain since September 2022's increase of 6,800 jobs. It also marks 15 consecutive months of over-the-year gains. Among sectors currently showing growth, this sector is the fastest-growing in percentage terms across the Houston area. Support Activities for Mining was the largest contributor to the overall sector's increase, up 5,800 jobs over the year. The second-largest contributor was Other Mining and Logging Undefined, which added 600 jobs from January a year ago. Lastly, Oil and Gas

Extraction contributed, 400 jobs. Total Mining and Logging employment (NSA) remains -10,100 jobs, or -12.9 percent below its February 2020 pre-pandemic level of 78,400. At the same time, the sector's share of Houston area Total Nonfarm Employment has risen from 2.0 percent to 2.1 percent over the past year.



About This Sector

This sector comprises establishments extracting naturally occurring minerals such as coal and ores; liquid minerals, such as crude petroleum and natural gas; and timber. Of the three main component industries, Support Activities for Mining accounts for a slight majority of the sector's employment at just over 54 percent (see Chart 32). Across the Houston MSA, the concentration of jobs in the overall Mining and Logging sector is 5.1 times the national average, due to the region's role as a global hub for the oil and gas industry.

Chart 32. Employment in Component Industries of Mining and Logging Sector - January 2023

1,900
3%

29,300
43%

Oil & Gas Extraction

Support Activities for Mining

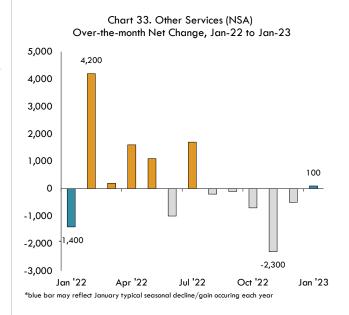
Other Mining & Logging Undefined

# GAINING INDUSTRY HIGHLIGHTS

### Other Services

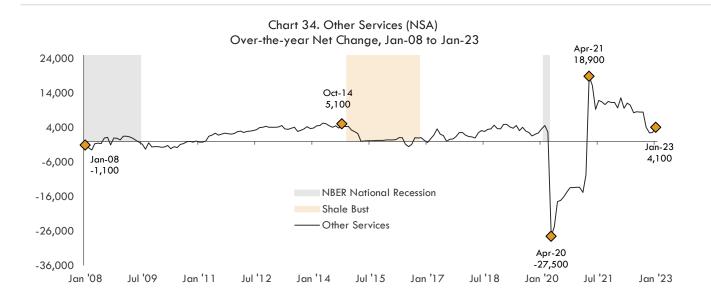
### Over-the-month Change

Other Services was the second-largest gaining sector over the month up 100 jobs, or 0.1 (see Chart 33). This was the largest January over-the-month gain in since 2021. Historically in the month of January, Other Services has lost an average of -300 jobs over the month, which indicates that this month's gains are moderately in contrast to the long-term average decline. NOTE: No subsector is published at the MSA level by the CES survey. See below for additional information.



### Over-the-year Change

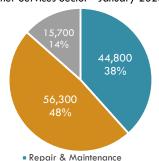
Year over year, Other Services was up 4,100 jobs, or 3.6 percent (see Chart 34). This was the largest over-the-year gain since October 2022's increase of 4,100 jobs. It also marks 22 consecutive months of over-the-year gains. NOTE: No subsector is published at the MSA level by the CES survey. See below for additional information. Total Other Services employmnent (NSA) remains -2,300 jobs, or -1.9 percent below its February 2020 pre-pandemic level of 119,100. At the same time, the sector's share of Houston area Total Nonfarm Employment has remained constant at 3.6 percent over the past year.



### **About This Sector**

This sector comprises establishments engaged in services not classified elsewhere such as equipment and machinery repair, religious activities, grantmaking, advocacy, and providing drycleaning and laundry services, and personal care services. Of the three main component industries, Personal and Laundry Services accounts for a plurality of the sector's employment at 48 percent as a subsector where self-employment is prevalent (source: Census - Non Employer Statistics and BLS - Quarterly Census of Employment and Wages) (see Chart 35). Across the Houston MSA, the concentration of jobs in the overall Other Services sector is 5 percent less than the national average.

Chart 35. Employment in Component Industries of Other Services Sector - January 2023



- Repair & Maintenance
- Personal & Laundry Svcs.
- Religious, Grantmaking, & Civic Orgs.

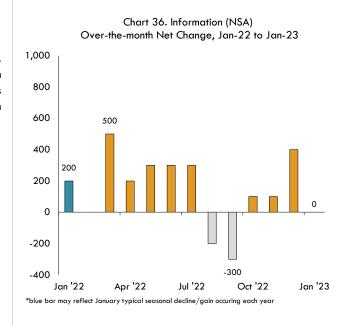
<sup>\*</sup>estimated proportions based QCEW covered and NES self-employment

# GAINING INDUSTRY HIGHLIGHTS

### Information

### Over-the-month Change

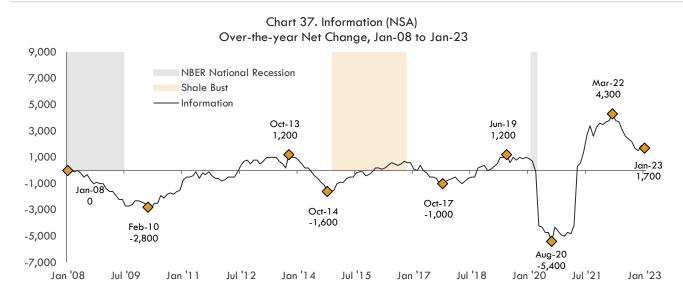
Information was unchanged over the month. (see Chart 36). Historically in the month of January, Information has lost an average of -500 jobs over the month, which indicates that this month's net zero change is slightly smaller than the long-term average decline.



### Over-the-year Change

Year over year, Information was up 1,700 jobs, or 5.4 percent (see Chart 37). This January also marks 22 consecutive months of over-the-year gains. Other Information Undefined was the largest contributor to the overall sector's increase, up 1,700 jobs over the year. One component industry, Telecommunications, saw no change from January a year ago. Total Information employmnent (NSA) now exceeds its February 2020 prepandemic level of 32,700 jobs by 700, or 2.1 percent. At the same time, the sector's share of Houston area Total Nonfarm Employment has remained constant at 1.0 percent over the past

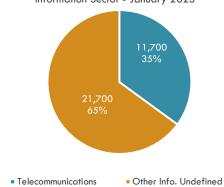
year.



# About This Sector

This sector comprises establishments producing and distributing information and cultural products, e.g. traditional and online news publishing; software publishing; the motion picture and sound recording; TV broadcasting; and telecommunications. Of the two main component industries, Other Information Undefined accounts for the majority of the sector's employment at 65 percent (see Chart 38). Across the Houston MSA, the concentration of jobs in the overall Information sector is 49 percent less than the national average.

Chart 38. Employment in Component Industries of Information Sector - January 2023



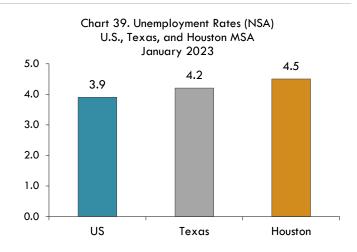
Workforce Solutions

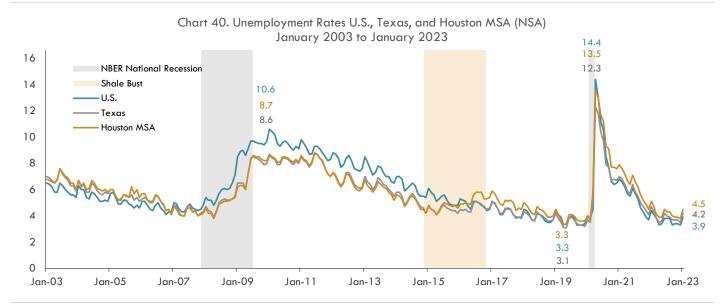
# Local Area Unemployment Statistics

# **Not-Seasonally Adjusted**

### Houston Metro, Texas, and U.S. Unemployment

The Houston MSA (not-seasonally-adjusted) unemployment rate stood at 4.5 percent in January, up from December's 3.8 percent and down from 5.1 percent a year ago. This was above the statewide rate of 4.2 percent and above the national rate of 3.9 percent. An over-the-month increase is typical each January due to the conclusion of holiday-related seasonal jobs making this month's increase consistent with historical seasonal trends. 159,528 individuals were unemployed in Houston in January, up from December's 132,818 and down from 177,729 in January 2022 (see Charts 39 and 40).

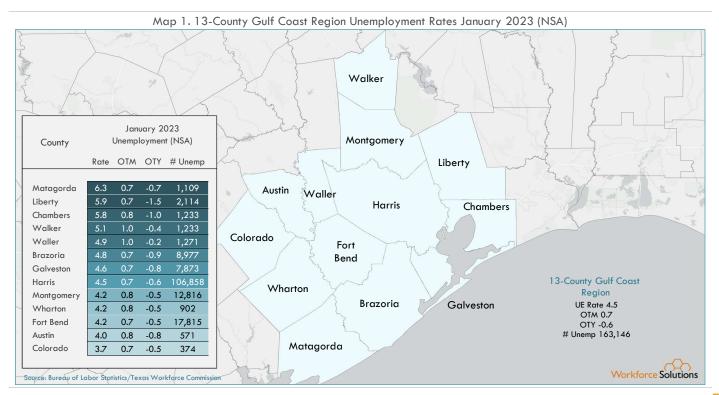




### County-level Unemployment

Among the 13 counties that comprise the Gulf Coast Workforce Development Area, unemployment rates in January ranged from a high of 6.3 percent in Matagorda County to a low of 3.7 percent in Colorado. Over the month, all 13 counties saw their unemployment rates rise in keeping with the region-wide increase of 0.7 percentage points. Waller saw the largest percentage-point increase in unemployment up 1.0 pp. representing 281 more unemployed workers compared to the previous month. This was followed by Walker (1.0 pp, 250 workers) and Chambers (0.8 pp, 174 workers). Over the year

rates fell, with Liberty posting the largest decrease, down -1.5 percentage points representing -499 fewer unemployed workers compared to a year ago followed by Chambers (-1.0 pp, -188 workers) and Brazoria (-0.9 pp, -1,395 workers). Since peaking at 449,312 in April 2020 due to the COVID-19 global pandemic, the number of unemployed workers in the Gulf Coast Region has fallen by -286,166 as of this January (see Map 1 legend).



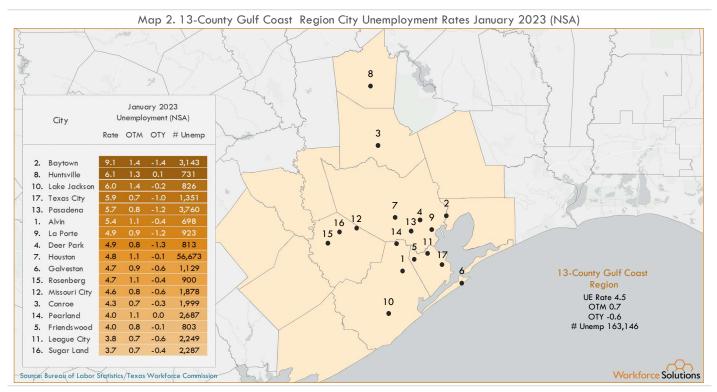
# Local Area Unemployment Statistics (continued)

# **Not-Seasonally Adjusted**

### Unemployment Rates for Select Municipalities

Among the 17 cities in the Gulf Coast Workforce Development Area for which Local Area Unemployment Statistics are available, unemployment rates in January ranged from a high of 9.1 percent in Baytown to a low of 3.7 percent in Sugar Land (see Map 2 legend). Over the month, all 17 cities saw their unemployment rates rise in keeping with the region-wide increase of 0.7 percentage points. Lake Jackson saw the largest percentage-point increase in unemployment up 1.4 pp.

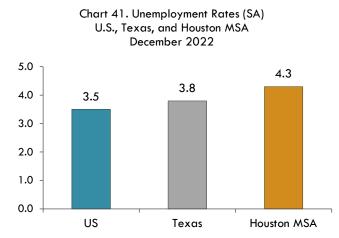
representing 190 more unemployed workers compared to the previous month. This was followed by Baytown (1.4 pp, 500 workers) and Huntsville (1.3 pp, 169 workers). Over the year unemployment rates fell, with Baytown posting the largest decrease, down -1.4 percentage points representing -458 fewer unemployed workers compared to a year ago followed by Deer Park (-1.3 pp, -200 workers) and Pasadena (-1.2 pp, -735 workers). The 17 cities below accounted for 51 percent of the 163,146 unemployed workers across the Gulf Coast Region as of this January (see Map 2 legend).

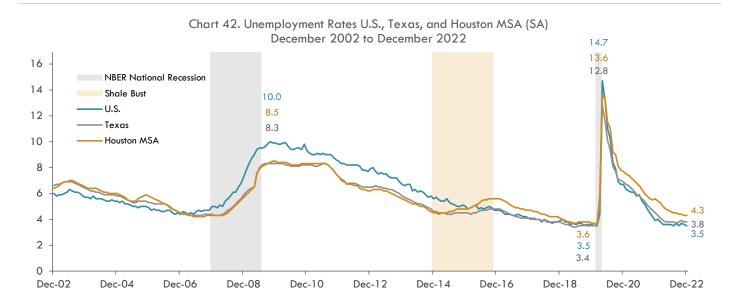


# Seasonally Adjusted

### Houston Metro, Texas, and U.S. Unemployment

The Houston MSA (seasonally-adjusted) unemployment rate stood at 4.3 percent in December, unchanged from November's 4.3 percent and down from 5.6 percent a year ago. This was above the statewide rate of 3.8 percentand above the national rate of 3.5 percent. 151,170 individuals were unemployed in Houston in December, down slightly from November's 153,092 and down from 191,906 in December 2021 (see Charts 41 and 42). NOTE: Seasonally-adjusted data for the MSA are available with a one-month delay but are not available for the 13-County Region or 17 cities.





# Gulf Coast Workforce Solutions Index (WSI)

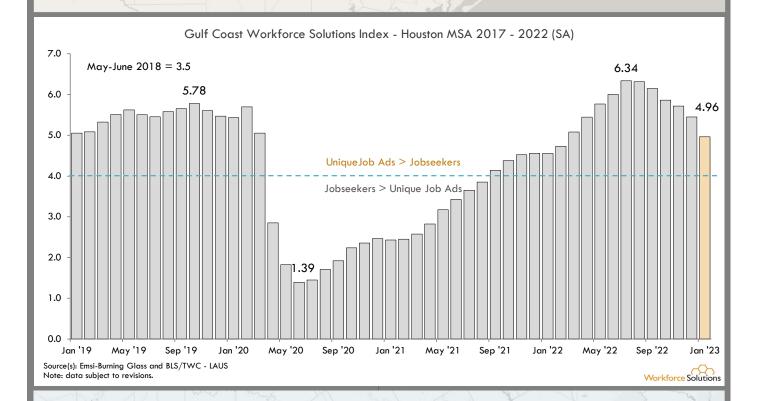


## The Gulf Coast Workforce Solutions Index (WSI)

The WSI is an indicator designed to capture shifts in the local labor market, specifically the balance between available jobs and unemployed workers at a given point in time. Values above 4.0 signal a surplus of jobs while values less than 4.0 signal a surplus of jobseekers. The Gulf Coast Workforce Board monitors the WSI as part of its ongoing review of the region's unemployment insurance work search requirement and reserves the right to adjust the number of weekly job search contacts as labor market conditions warrant. In the event of change to the work search requirement, the Board will notify the Texas Workforce Commission who will in turn notify UI recipients.

WSI Reading January 2023:

4.96



### **Workforce Solutions Index January 2023**

The Houston MSA WSI for January stood at 4.96, down from December's reading of 5.45. January marks six over-the-month consecutive declines in the index confirming a (revised) peak for the cycle in July 2022 of 6.34. This January's decline was the result of a nearly 24,000-decrease in job ads over from December compared to a much smaller decrease in unemployed workers by only 1,900 from November to December (SA). Due to the use of downward rounding, the indicator suggests that a requirement of four work search activities may be appropriate for individuals receiving unemployment insurance given the relative availability of jobs at present.



Workforce Solutions

Table 1. Houston MSA Sectors and Major Industry Subcomponents

NAICS Industry	Jan-23	Dec-22	Jan-22	Monthly	Monthly	Vanulu	Varily 0/
Total Nonfarm	3,285,600	3,335,800	3,132,700	-50,200	-1.5%	Yearly 152,900	Yearly % 4.9%
Total Private	2,845,600	2,889,400	2,707,800	-43,800	-1.5%	137,800	5.1%
Goods Producing	516,800	521,700	489,700	-4,900	-0.9%	27,100	5.5%
.Mining and Logging	68,300	67,400	61,500	900	1.3%	6,800	11.1%
Oil and Gas ExtractionSupport Activities for Mining	29,300 37,100	29,200 36,500	28,900 31,300	100 600	0.3% 1.6%	400 5,800	1.4% 18.5%
.Construction	220,500	224,600	211,300	-4,100	-1.8%	9,200	4.4%
Construction of Buildings	56,700	56,300	52,400	400	0.7%	4,300	8.2%
Heavy and Civil Engineering Construction	53,200	53,500	50,300	-300	-0.6%	2,900	5.8%
Specialty Trade Contractors	110,600	114,800	108,600	-4,200	-3.7%	2,000	1.8%
.Manufacturing	228,000	229,700	216,900	-1,700	-0.7%	11,100	5.1%
Durable GoodsFabricated Metal Product Manufacturing	138,900 48,500	140,200 48,700	132,600 45,000	-1,300 -200	-0.9% -0.4%	6,300 3,500	4.8% 7.8%
Machinery Manufacturing	42,100	41,900	39,300	200	0.5%	2,800	7.8 % 7.1%
Agriculture, Construction, and Mining Machinery Mfg.	21,700	21,800	19,800	-100	-0.5%	1,900	9.6%
Computer and Electronic Product Manufacturing	14,100	14,200	13,500	-100	-0.7%	600	4.4%
Non-Durable Goods	89,100	89,500	84,300	-400	-0.4%	4,800	5.7%
Petroleum and Coal Products Manufacturing	7,900	7,900	7,800	0	0.0%	100	1.3%
Chemical Manufacturing Service Providing	41,500 2,768,800	41,700 2,814,100	40,200 2,643,000	-200 -45,300	-0.5% -1.6%	1,300 125,800	3.2% 4.8%
Private Service Providing	2,328,800	2,367,700	2,218,100	-38,900	-1.6%	110,700	5.0%
Trade, Transportation, and Utilities	682,900	696,700	654,500	-13,800	-2.0%	28,400	4.3%
Wholesale Trade	173,500	173,100	163,600	400	0.2%	9,900	6.1%
Merchant Wholesalers, Durable Goods	106,700	108,700	100,500	-2,000	-1.8%	6,200	6.2%
Prof. and Commercial Equip. Supplies Wholesalers	17,400	17,500	16,900	-100	-0.6%	500	3.0%
Merchant Wholesalers, Nondurable GoodsRetail Trade	54,400 317,800	54,200 326,400	51,800 311,800	200 -8,600	0.4% -2.6%	2,600 6,000	5.0% 1.9%
Motor Vehicle and Parts Dealers	43,100	43,400	42,200	-300	-0.7%	900	2.1%
Bldg. Material and Garden Equip. and Supplies Dealers	23,400	24,400	23,800	-1,000	-4.1%	-400	-1.7%
Food and Beverage Stores	73,500	73,900	70,200	-400	-0.5%	3,300	4.7%
Health and Personal Care Stores	62,200	65,300	62,500	-3,100	-4.7%	-300	-0.5%
Clothing and Clothing Accessories Stores	20,200	21,900	20,500	-1,700	-7.8%	-300	-1.5%
General Merchandise StoresDepartment Stores	42,000 20,800	43,400 21,300	42,000 21,700	-1,400 -500	-3.2% -2.3%	0 -900	0.0% -4.1%
Other General Merchandise Stores	26,400	28,100	25,200	-1,700	-6.0%	1,200	4.8%
Transportation, Warehousing, and Utilities	191,600	197,200	179,100	-5,600	-2.8%	12,500	7.0%
Utilities	20,100	20,400	18,700	-300	-1.5%	1,400	7.5%
Air Transportation	20,000	19,900	18,600	100	0.5%	1,400	7.5%
Truck Transportation	30,800	30,800	28,800	0	0.0%	2,000 500	6.9%
Pipeline TransportationInformation	12,700 <b>33,400</b>	12,800 <b>33,400</b>	12,200 <b>31,700</b>	-100 <b>0</b>	-0.8% <b>0.0%</b>	1,700	4.1% <b>5.4%</b>
Telecommunications	11,700	11,800	11,700	-100	-0.8%	0	0.0%
Financial Activities	183,100	183,400	172,800	-300	-0.2%	10,300	6.0%
Finance and Insurance	11 <i>5,</i> 700	116,400	110,400	-700	-0.6%	5,300	4.8%
Credit Intermediation and Related Activities	46,400	46,500	45,800	-100	-0.2%	600	1.3%
Depository Credit IntermediationSecurities, Commodity Contracts, and Fin. Investments	29,800 23,100	29,900 23,300	29,200 21,700	-100 -200	-0.3% -0.9%	600 1,400	2.1% 6.5%
Secornies, Commodify Commucis, and this investments	23,100	23,300	21,700			1,400	
Insurance Carriers and Related Activities	46.200	46.600	42,900	-400	-0.9%	3.300	7.7%
lnsurance Carriers and Related ActivitiesReal Estate and Rental and Leasing	46,200 67,400	46,600 67,000	42,900 62,400	-400 400	-0.9% 0.6%	3,300 5,000	7.7% 8.0%
Real Estate and Rental and Leasing	67,400	67,000	62,400	400 -13,200 -4,800	0.6% -2.4% -1.7%	5,000 <b>27,500</b> 21,700	8.0% <b>5.4%</b> 8.7%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal Services	67,400 <b>541,500</b> 269,800 31,400	67,000 554,700 274,600 31,600	62,400 514,000 248,100 29,600	400 -13,200 -4,800 -200	0.6% -2.4% -1.7% -0.6%	5,000 <b>27,500</b> 21,700 1,800	8.0% 5.4% 8.7% 6.1%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and Payroll	67,400 <b>541,500</b> 269,800 31,400 28,900	67,000 554,700 274,600 31,600 28,200	62,400 514,000 248,100 29,600 27,800	400 -13,200 -4,800 -200 700	0.6% -2.4% -1.7% -0.6% 2.5%	5,000 27,500 21,700 1,800 1,100	8.0% 5.4% 8.7% 6.1% 4.0%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related Services	67,400 541,500 269,800 31,400 28,900 73,600	67,000 554,700 274,600 31,600 28,200 76,300	62,400 514,000 248,100 29,600 27,800 65,800	400 -13,200 -4,800 -200 700 -2,700	0.6% -2.4% -1.7% -0.6% 2.5% -3.5%	5,000 27,500 21,700 1,800 1,100 7,800	8.0% 5.4% 8.7% 6.1% 4.0% 11.9%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and Payroll	67,400 <b>541,500</b> 269,800 31,400 28,900	67,000 554,700 274,600 31,600 28,200	62,400 514,000 248,100 29,600 27,800	400 -13,200 -4,800 -200 700	0.6% -2.4% -1.7% -0.6% 2.5%	5,000 27,500 21,700 1,800 1,100	8.0% 5.4% 8.7% 6.1% 4.0%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related Services	67,400 541,500 269,800 31,400 28,900 73,600 42,600	67,000 554,700 274,600 31,600 28,200 76,300 42,500	62,400 514,000 248,100 29,600 27,800 65,800 39,900	400 -13,200 -4,800 -200 700 -2,700 100	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2%	5,000 27,500 21,700 1,800 1,100 7,800 2,700	8.0% 5.4% 8.7% 6.1% 4.0% 11.9% 6.8%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support Services	67,400 541,500 269,800 31,400 28,900 73,600 42,600 45,900 225,800 213,500	67,000 554,700 274,600 31,600 28,200 76,300 42,500 45,900 234,200 221,600	62,400 514,000 248,100 29,600 27,800 65,800 39,900 43,200 222,700 210,600	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100	0.6%  -2.4%  -1.7%  -0.6%  2.5%  -3.5%  0.2%  0.0%  -3.6%  -3.7%	5,000 27,500 21,700 1,800 1,100 7,800 2,700 2,700 3,100 2,900	8.0% 5.4% 8.7% 6.1% 4.0% 11.9% 6.8% 6.3% 1.4%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment Services	67,400 541,500 269,800 31,400 28,900 73,600 42,600 45,900 225,800 213,500 84,000	67,000 554,700 274,600 31,600 28,200 76,300 42,500 45,900 234,200 221,600 87,700	62,400 514,000 248,100 29,600 27,800 65,800 39,900 43,200 222,700 210,600 86,300	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700	0.6%  -2.4%  -1.7%  -0.6%  2.5%  -3.5%  0.2%  0.0%  -3.6%  -3.7%  -4.2%	5,000 27,500 21,700 1,800 1,100 7,800 2,700 2,700 3,100 2,900 -2,300	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  -2.7%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEmployment Services to Buildings and Dwellings	67,400 541,500 269,800 31,400 28,900 73,600 42,600 45,900 225,800 213,500 84,000 52,500	67,000 554,700 274,600 31,600 28,200 76,300 42,500 45,900 234,200 221,600 87,700 53,700	62,400 514,000 248,100 29,600 27,800 65,800 39,900 43,200 222,700 210,600 86,300 49,200	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2%	5,000 27,500 21,700 1,800 1,100 7,800 2,700 2,700 3,100 2,900 -2,300 3,300	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  -2.7%  6.7%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEmployment ServicesServices to Buildings and DwellingsEducational and Health Services	67,400  541,500 269,800 31,400 28,900 73,600 42,600 45,900 225,800 213,500 84,000 52,500 434,000	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900	62,400 514,000 248,100 29,600 27,800 65,800 39,900 43,200 222,700 210,600 86,300 49,200 413,500	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1%	5,000 27,500 21,700 1,800 1,100 7,800 2,700 2,700 3,100 2,900 -2,300 3,300 20,500	8.0% 5.4% 8.7% 6.1% 4.0% 11.9% 6.8% 6.3% 1.4% 1.4% -2.7% 6.7%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEmployment ServicesServices to Buildings and DwellingsEducational and Health ServicesEducational Services	67,400 541,500 269,800 31,400 28,900 73,600 42,600 45,900 225,800 213,500 84,000 52,500	67,000 554,700 274,600 31,600 28,200 76,300 42,500 45,900 234,200 221,600 87,700 53,700	62,400 514,000 248,100 29,600 27,800 65,800 39,900 43,200 222,700 210,600 86,300 49,200	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2%	5,000 27,500 21,700 1,800 1,100 7,800 2,700 2,700 3,100 2,900 -2,300 3,300	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  -2.7%  6.7%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEmployment ServicesEducational and Health ServicesEducational ServicesEducational ServicesEducational ServicesEducational ServicesEducational Services	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  225,800  213,500  84,000  52,500  434,000  70,500	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  222,700  210,600  86,300  49,200  413,500  66,300	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300	0.6%  -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -1.1% -3.2%	5,000 27,500 21,700 1,800 1,100 7,800 2,700 2,700 3,100 2,900 -2,300 3,300 20,500 4,200	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  -2.7%  6.7%  5.0%  6.3%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesServices to Buildings and DwellingsEducational and Health ServicesEducational ServicesEducational ServicesHealth Care and Social AssistanceAmbulatory Health Care ServicesHospitals	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  225,800  213,500  84,000  52,500  434,000  70,500  363,500  183,600  92,300	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800  366,100  186,600  92,100	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  210,600  86,300  49,200  413,500  66,300  347,200  175,800  87,600	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300 -2,600 -3,000 200	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1% -3.2% -0.7% -1.6% 0.2%	5,000 27,500 21,700 1,800 1,100 7,800 2,700 2,700 3,100 2,900 -2,300 3,300 20,500 4,200 16,300 7,800 4,700	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  -2.7%  6.7%  5.0%  4.4%  5.4%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesServices to Buildings and DwellingsEducational and Health ServicesEducational ServicesHealth Care and Social AssistanceAmbulatory Health Care ServicesHospitalsLeisure and Hospitality	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  225,800  213,500  84,000  52,500  434,000  70,500  363,500  183,600  92,300  337,100	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800  366,100  186,600  92,100  343,900	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  210,600  86,300  49,200  413,500  66,300  347,200  175,800  87,600  318,900	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300 -2,600 -3,000 200 -6,800	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1% -3.2% -0.7% -1.6% 0.2% -2.0%	5,000  27,500  21,700  1,800  1,100  7,800  2,700  3,100  2,900  -2,300  3,300  20,500  4,200  16,300  7,800  4,700  18,200	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  -2.7%  6.7%  5.0%  6.3%  4.7%  4.4%  5.4%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEucuational and Health ServicesEducational AservicesEducational ServicesHealth Care and Social AssistanceAmbulatory Health Care ServicesHospitalsLeisure and HospitalityArts, Entertainment, and Recreation	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  225,800  213,500  84,000  52,500  434,000  70,500  363,500  183,600  92,300  337,100  34,200	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800  366,100  186,600  92,100  343,900  34,800	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  210,600  86,300  49,200  413,500  66,300  347,200  175,800  87,600  318,900  31,500	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300 -2,600 -3,000 200 -6,800 -600	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1% -3.2% -0.7% -1.6% 0.2% -2.0% -1.7%	5,000  27,500  21,700  1,800  1,100  7,800  2,700  3,100  2,900  -2,300  3,300  20,500  4,200  16,300  7,800  4,700  18,200  2,700	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  -2.7%  6.7%  5.0%  6.3%  4.4%  5.4%  5.4%  8.6%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEmployment ServicesEducational and Health ServicesEducational ServicesHealth Care and Social AssistanceAmbulatory Health Care ServicesHospitalsLeisure and HospitalityArts, Entertainment, and RecreationAccommodation and Food Services	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  225,800  213,500  84,000  52,500  434,000  70,500  363,500  183,600  92,300  337,100  34,200  302,900	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800  366,100  186,600  92,100  343,900  34,800  309,100	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  210,600  86,300  49,200  413,500  66,300  347,200  175,800  87,600  318,900  31,500  287,400	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300 -2,600 -3,000 200 -6,800 -6,200	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1% -3.2% -0.7% -1.6% 0.2% -2.0%	5,000  27,500  21,700  1,800  1,100  7,800  2,700  2,700  3,100  2,900  -2,300  3,300  20,500  4,200  16,300  7,800  4,700  18,200  2,700  15,500	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  5.0%  6.3%  4.7%  4.4%  5.4%  8.6%  5.4%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEmployment ServicesEducational and Health ServicesEducational ServicesHealth Care and Social AssistanceHospitalsLeisure and HospitalityArts, Entertainment, and RecreationAccommodation and Food ServicesAccommodation	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  225,800  213,500  84,000  52,500  434,000  70,500  363,500  183,600  92,300  337,100  34,200	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800  366,100  186,600  92,100  343,900  34,800	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  210,600  86,300  49,200  413,500  66,300  347,200  175,800  87,600  318,900  31,500	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300 -2,600 -3,000 200 -6,800 -600	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1% -3.2% -0.7% -1.6% 0.2% -2.0% -1.7%	5,000  27,500  21,700  1,800  1,100  7,800  2,700  3,100  2,900  -2,300  3,300  20,500  4,200  16,300  7,800  4,700  18,200  2,700	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  -2.7%  6.7%  5.0%  6.3%  4.4%  5.4%  5.4%  8.6%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEmployment ServicesEducational and Health ServicesEducational ServicesHealth Care and Social AssistanceAmbulatory Health Care ServicesHospitalsLeisure and HospitalityArts, Entertainment, and RecreationAccommodation and Food ServicesAccommodationFood Services and Drinking Places	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  213,500  84,000  52,500  434,000  70,500  363,500  183,600  92,300  337,100  34,200  302,900  25,900	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800  366,100  186,600  92,100  343,900  34,800  309,100  26,100	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  210,600  86,300  49,200  413,500  66,300  347,200  175,800  87,600  318,900  31,500  287,400  23,300	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300 -2,600 -3,000 -6,800 -6,200 -200	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1% -3.2% -0.7% -1.6% 0.2% -2.0% -1.7% -2.0% -0.8%	5,000  27,500  21,700  1,800  1,100  7,800  2,700  2,700  3,100  2,900  -2,300  3,300  20,500  4,200  16,300  7,800  4,700  18,200  2,700  15,500  2,600	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  -2.7%  6.7%  5.0%  6.3%  4.4%  5.4%  5.4%  11.2%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesComputer Systems Design and Related ServicesAdmin. and Support and Waste Mgmt. and RemediationAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEmployment ServicesEducational and Health ServicesEducational ServicesHealth Care and Social AssistanceAmbulatory Health Care ServicesHospitalsLeisure and HospitalityArts, Entertainment, and RecreationAccommodation and Food ServicesAccommodationFood Services and Drinking PlacesOther Services	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  225,800  213,500  84,000  52,500  434,000  70,500  363,500  183,600  92,300  337,100  34,200  302,900  25,900  277,000	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800  366,100  186,600  92,100  343,900  34,800  309,100  26,100  283,000	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  210,600  86,300  49,200  413,500  66,300  347,200  175,800  87,600  318,900  31,500  287,400  23,300  264,100	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300 -2,600 -3,000 -6,800 -6,200 -200 -6,000	0.6%  -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1% -3.2% -0.7% -1.6% 0.2% -2.0% -2.0% -2.0% -1.7% -2.0% -1.4%	5,000  27,500  21,700  1,800  1,100  7,800  2,700  2,700  3,100  2,900  -2,300  3,300  20,500  4,200  16,300  7,800  4,700  18,200  2,700  15,500  2,600  12,900	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  5.0%  6.3%  4.7%  4.4%  5.4%  5.4%  11.2%  4.9%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesComputer Systems Design and Related ServicesAdmin. and Support and Waste Mgmt. and RemediationAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEducational and Health ServicesEducational ServicesHealth Care and Social AssistanceAmbulatory Health Care ServicesHospitalsLeisure and HospitalityArts, Entertainment, and RecreationAccommodationAccommodationFood Services and Drinking PlacesOther Services Government .Federal Government	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  225,800  213,500  84,000  52,500  434,000  70,500  363,500  183,600  92,300  337,100  34,200  302,900  25,900  277,000  116,800  440,000  32,800	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800  366,100  186,600  92,100  343,900  34,800  309,100  283,000  116,700  446,400  33,100	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  210,600  86,300  49,200  413,500  66,300  347,200  175,800  87,600  318,900  31,500  287,400  23,300  264,100  112,700  424,900  31,500	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300 -2,600 -3,000 -6,200 -6,200 -6,000 100 -6,400 -300	0.6%  -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1% -3.2% -0.7% -1.6% 0.2% -2.0% -1.7% -2.0% -1.1% -3.2% -0.1% -0.9%	5,000  27,500  21,700  1,800  1,100  7,800  2,700  3,100  2,900  -2,300  3,300  20,500  4,200  16,300  7,800  4,700  18,200  2,600  12,900  4,100  15,100  1,300	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  -2.7%  6.7%  5.0%  6.3%  4.7%  4.4%  5.4%  11.2%  4.9%  3.6%  4.1%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesManagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEducational and Health ServicesEducational AssistanceAmbulatory Health Care ServicesHealth Care and Social AssistanceAnspitalsLeisure and HospitalityArts, Entertainment, and RecreationAccommodation and Food ServicesAccommodationFood Services and Drinking PlacesOther Services Government .Federal Government .State Government	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  225,800  213,500  84,000  52,500  434,000  70,500  363,500  183,600  92,300  337,100  34,200  302,900  25,900  277,000  116,800  440,000  32,800  95,100	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800  366,100  186,600  92,100  343,900  34,800  309,100  26,100  283,000  116,700  446,400  33,100  94,900	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  222,700  210,600  86,300  49,200  413,500  66,300  347,200  175,800  87,600  318,900  31,500  287,400  23,300  264,100  112,700  424,900  31,500  90,100	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300 -2,600 -3,000 -6,800 -6,200 -6,200 -6,000 100 -6,400 -300 200	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1% -3.2% -0.7% -1.6% 0.2% -2.0% -1.7% -2.0% -1.4% -0.9% 0.2%	5,000  27,500  21,700  1,800  1,100  7,800  2,700  3,100  2,900  -2,300  3,300  20,500  4,200  16,300  7,800  4,700  18,200  2,700  15,500  2,600  12,900  4,100  1,300  5,000	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  5.0%  6.3%  4.7%  4.4%  5.4%  5.4%  11.2%  4.9%  3.6%  4.1%  5.5%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesComputer Systems Design and Related ServicesAdmagement of Companies and EnterprisesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEducational and Health ServicesEducational AssistanceHealth Care and Social AssistanceAmbulatory Health Care ServicesHospitalsLeisure and HospitalityArts, Entertainment, and RecreationAccommodation and Food ServicesAccommodationFood Services and Drinking PlacesOther Services Government .Federal Government .State Government Educational Services	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  225,800  213,500  84,000  52,500  434,000  70,500  363,500  183,600  92,300  337,100  34,200  302,900  25,900  277,000  116,800  440,000  32,800  95,100  54,200	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800  366,100  186,600  92,100  343,900  34,800  309,100  26,100  283,000  116,700  446,400  33,100  94,900  54,200	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  210,600  86,300  49,200  413,500  66,300  347,200  175,800  87,600  318,900  31,500  287,400  23,300  264,100  112,700  424,900  31,500  90,100  50,600	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300 -2,600 -3,000 -200 -6,800 -6,200 -200 -6,400 -300 200 -6,400 -300 200 0	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1% -3.2% -0.7% -1.6% 0.2% -2.0% -1.7% -2.0% -1.4% -0.9% 0.2% 0.2% 0.0%	5,000  27,500  21,700  1,800  1,100  7,800  2,700  3,100  2,900  -2,300  3,300  20,500  4,200  16,300  7,800  4,700  18,200  2,700  15,500  2,600  12,900  4,100  1,300  5,000  3,600	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  1.4%  5.0%  6.3%  4.7%  4.4%  5.4%  5.4%  11.2%  4.9%  3.6%  4.1%  5.5%  7.1%
Real Estate and Rental and LeasingProfessional and Business ServicesProfessional, Scientific, and Technical ServicesLegal ServicesAccounting, Tax Preparation, Bookkeeping, and PayrollArchitectural, Engineering, and Related ServicesComputer Systems Design and Related ServicesComputer Systems Design and Related ServicesAdmin. and Support and Waste Mgmt. and RemediationAdministrative and Support ServicesEmployment ServicesEducational and Health ServicesEducational Arealth ServicesEducational ServicesHealth Care and Social AssistanceAmbulatory Health Care ServicesHospitalsLeisure and HospitalityArts, Entertainment, and RecreationAccommodation and Food ServicesAccommodationFood Services and Drinking PlacesOther Services Government .Federal Government .State Government	67,400  541,500  269,800  31,400  28,900  73,600  42,600  45,900  225,800  213,500  84,000  52,500  434,000  70,500  363,500  183,600  92,300  337,100  34,200  302,900  25,900  277,000  116,800  440,000  32,800  95,100	67,000  554,700  274,600  31,600  28,200  76,300  42,500  45,900  234,200  221,600  87,700  53,700  438,900  72,800  366,100  186,600  92,100  343,900  34,800  309,100  26,100  283,000  116,700  446,400  33,100  94,900	62,400  514,000  248,100  29,600  27,800  65,800  39,900  43,200  222,700  210,600  86,300  49,200  413,500  66,300  347,200  175,800  87,600  318,900  31,500  287,400  23,300  264,100  112,700  424,900  31,500  90,100	400 -13,200 -4,800 -200 700 -2,700 100 0 -8,400 -8,100 -3,700 -1,200 -4,900 -2,300 -2,600 -3,000 -6,800 -6,200 -6,200 -6,000 100 -6,400 -300 200	0.6% -2.4% -1.7% -0.6% 2.5% -3.5% 0.2% 0.0% -3.6% -3.7% -4.2% -2.2% -1.1% -3.2% -0.7% -1.6% 0.2% -2.0% -1.7% -2.0% -1.4% -0.9% 0.2%	5,000  27,500  21,700  1,800  1,100  7,800  2,700  3,100  2,900  -2,300  3,300  20,500  4,200  16,300  7,800  4,700  18,200  2,700  15,500  2,600  12,900  4,100  1,300  5,000	8.0%  5.4%  8.7%  6.1%  4.0%  11.9%  6.8%  6.3%  1.4%  -2.7%  6.7%  5.0%  6.3%  4.7%  4.4%  5.4%  5.4%  11.2%  4.9%  3.6%  4.1%  5.5%



# Houston Area Employment Situation

### SPECIAL REPORT

# 2022 Current Employment Statistics (CES) Annual Benchmark Revisions

Houston Ends 2022 on Solid Footing Despite 33,000 Fewer Jobs Added

Revisions and the Impact on Employment in 2022

With the release of the 2022 annual benchmark revisions to the Current Employment Statistics payroll estimates, we now have a clearer picture of Houston's job growth nearly three years after the start of the COVID-19 global pandemic. Prior to revisions, December 2022 year-over-year job growth for Total Nonfarm Employment stood at 179,000 in a continuation of the exaggerated post-pandemic rebound growth of 2021. After revisions, over-the-year growth stood at 145,700, which translated to 33,300 fewer jobs or roughly 19 less than originally estimated (see Charts 1 and 2 and Exhibit 1).

While 33,000 fewer jobs seems large, ending last year with 145,700 jobs still puts 2022 well above the best years of the Shale Boom. However 2022 no longer hosts the all-time record for over-the-year growth, which was originally June of last year with an original estimate of 204,000 jobs. Instead it appears Houston's all-time record took place more than a year earlier, in April 2021, with 197,7000 jobs, still an impressive feat given the devastation of the job market just 12 months prior.

When it comes to the drivers of 2022's over-estimation, the vast majority of the blame falls on Leisure and Hospitality, specifially Accommodation and Food Services, which went from 42,100 jobs added as of year end 2022 before revisions to a much more modest but respectable 16,800 jobs after. This appears to simply be a case of gradual reversion to the prepandemic mean when one considers that job growth stood at 8,500 in February 2020 (i.e. job growth is still 2x compared to pre-pandemix) and also that the majority of the rebound in this subsector took place between April 2021 and April 2022 (see Charts 3 and 4.)

Construction was the next largest source of 2022's over-estimation with growth revised from 18,800 down to 9,400, mainly due to sector subcomponent Specialty Trade Contractors. This was a sector whose record-breaking momentum was doubted in several Houston Area Employment Situations last year given the rapid rise in interest rates, which was confirmed by multiple housing surveys as continuing to dampen demand for housing as affordability plummeted. Despite the summer surge in Contruction job growth last year being a mirage, the sector's performance remains solid all things considered especially when compared to over-the-year growth in the years leading up to the pandemic (see Charts 5 and 6).

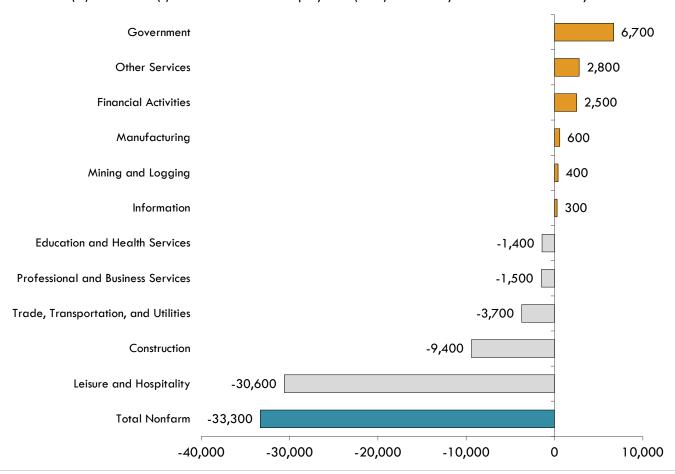
Trade, Transportation, and Utilities was the third-largest source of 2022's over-estimation going from 25,500 to 21,800 jobs, before and after revisions. This difference of -3,700 obscures much larger downward revisions in Retail (-4,900 fewer jobs added) and Wholesale Trade (-5,900 jobs) offset by substantial upward revisions to Transportation, Warehousing, and Utilities (+7,100 more jobs added). Despite Transporation, Warehousing, and Utilities, i.e. warehouses and truck driving firms already posting impressive growth throughout 2022 before revisions, it appears this subcomponent of Trade, Transportation, and Utilities was even stronger than originally believed suggesting that Houston's transition to to a land-based distribution hub prior to the pandemic along with the pandemic accelerated shift to online commerce have combined to continue powering this portion of the job market beyond expectations. Nonetheless, like most other industries, TWU shows signs of moderating momentum as we enter 2023 (see Charts 7, 8, 9, and 10.)

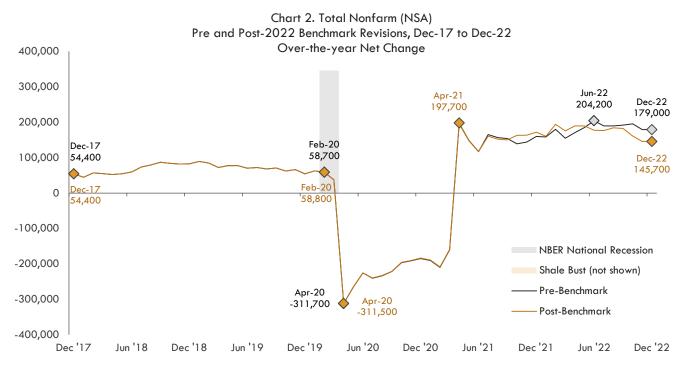
Finally, in terms of sectors with under-estimated growth in 2022, Government, Other Services, and Financial Services provided the region with 12,000 more jobs than originally thought. Other Services in particular stood out in the group as prior to revisions it was estimated to have ended 2022 with a loss of -200 jobs but afterward posted a gain of 2,600 jobs suggesting that the fortunes of this catch-all industry sector were better last year than numbers originally suggested. As a result, this means that all supersectors and major sectors ended 2022 with positive year-over-year growth and in fact out of 78 industry categories published under the Current Employment Statistics Survey (CES) for the Houston MSA, only five posted lossess with most belonging to Retail Trade along with Employment Services, i.e. temporary staffing firms, which falls under Professional and Business Services (see Charts 11, 12, and 13.)

**VERDICT:** In any other year, pre-pandemic, a downward revision of 30,000+ jobs would be catastrophic for Houston's job market. However, when year-over-year job growth sits at nearly 180,000 to 146,000 jobs (pre- vs. post-revisions), and most sector-specific revisions lowered job growth to healthy but more plausible levels without veering into negative territory (again, none posted YOY losses), we should consider 2022 as having been a resounding success especially given that last year was effectively the third year of the pandemic. Ultimately our perception of last year's performance should not be materially different after revisions. As for what this means for 2023 year-end job numbers, at this stage likely little to nothing however with interest rates which increasingly look to reach six plus percent before the current rate-hike cycle is over, the days of six-figure job growth are likely coming to an end.

## 2022 Current Employment Statistics (CES) Annual Benchmark Revisions

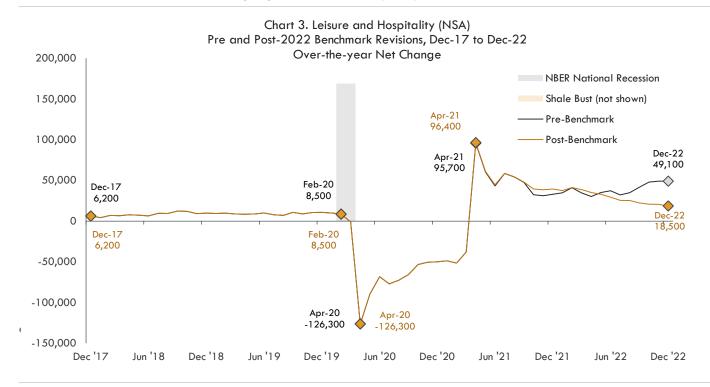
Chart 1. 2022 Benchmark Revisions (+) Under and (-) Over-Estimation of Employment (NSA) Over-the-year December 2022 by Sector

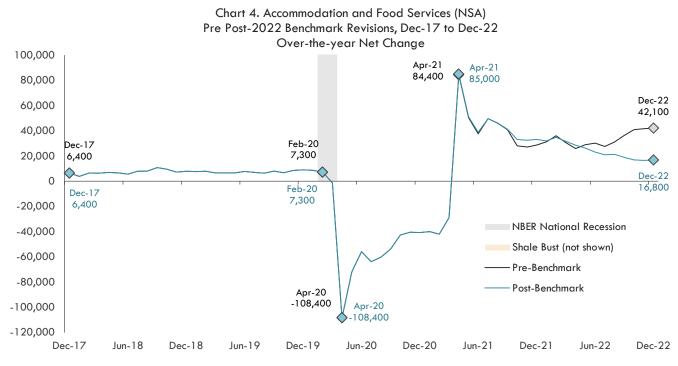


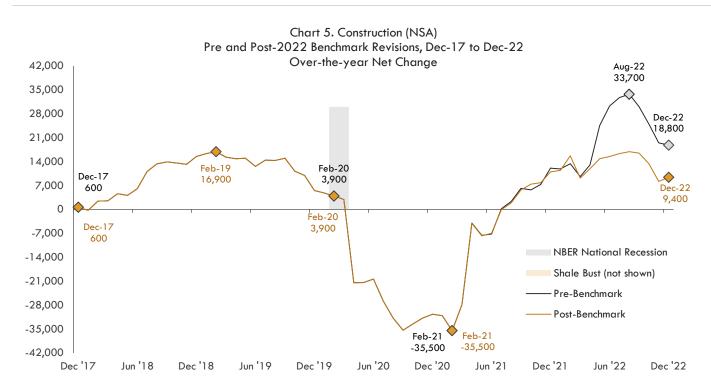


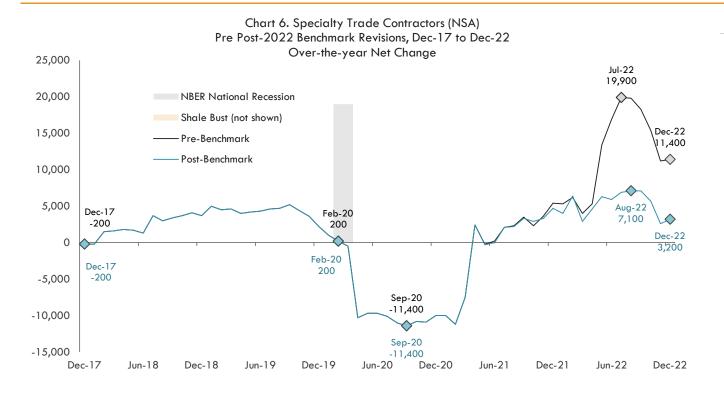


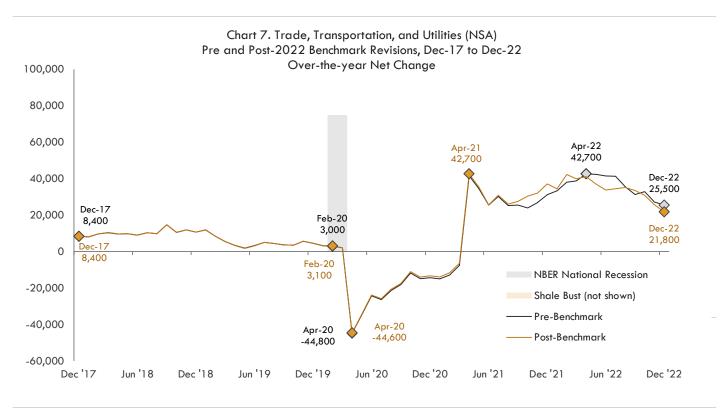
### 2022 Current Employment Statistics (CES) Annual Benchmark Revisions

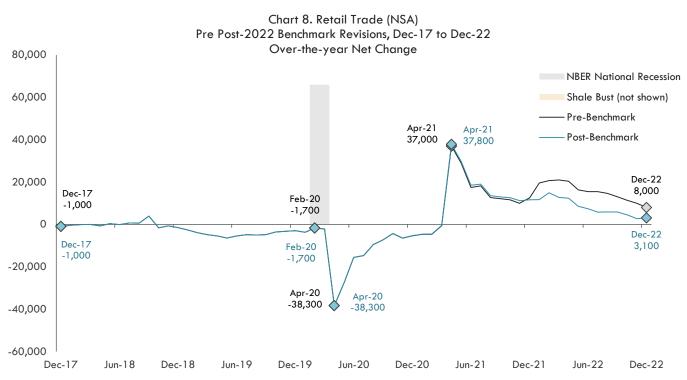




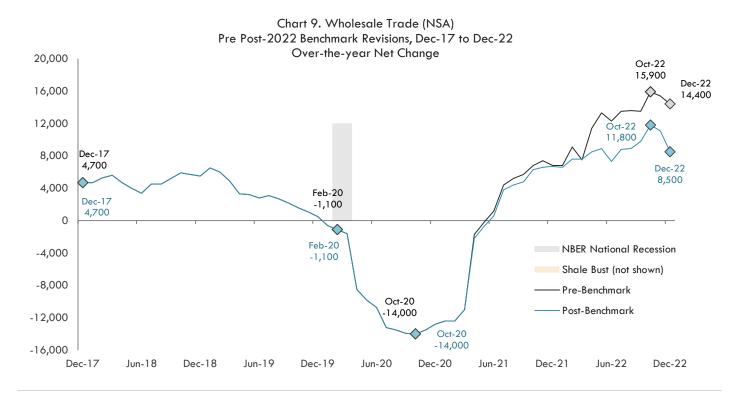


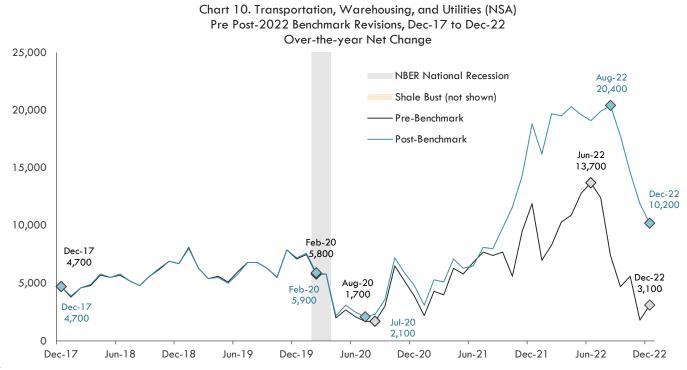


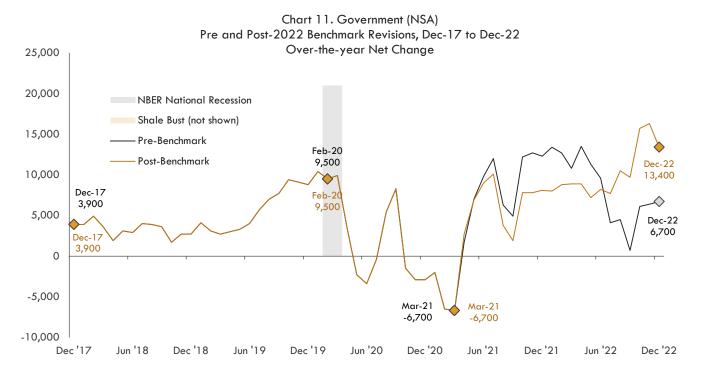




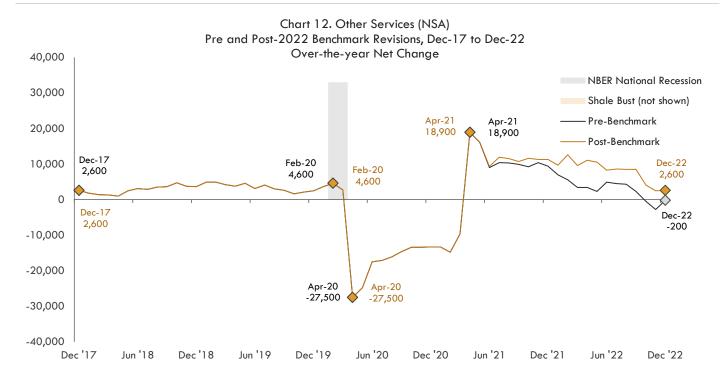
### 2022 Current Employment Statistics (CES) Annual Benchmark Revisions

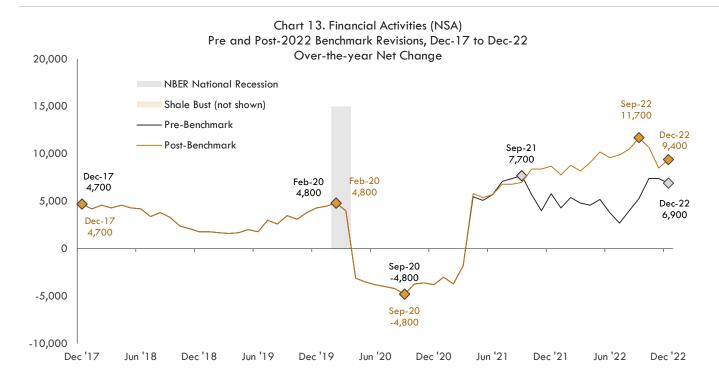






### 2022 Current Employment Statistics (CES) Annual Benchmark Revisions





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# 2022 Current Employment Statistics (CES) Annual Benchmark Revisions

Exhibit 1. 2022 Benchmark Revisions, Over and Under-Estimation of December 2022 Over-The-Year Employment Growth by Sector

Sectors where we lost fewer jobs than originally thought	Over (-) / Under (+)
Other Services	2,800
	2,800
Sectors that saw no revisions	
	0
Sectors where we added more jobs than originally thought	
Government	6,700
Information	300
Mining and Logging	400
Manufacturing Financial Activities	600 2,500
Financial Activities	10,500
Sectors where we gained fewer jobs than originally thought	•
Professional and Business Services	-1,500
Education and Health Services	-1,400
Leisure and Hospitality	-30,600
Construction	-9,400
Trade, Transportation, and Utilities	-3,700
	-46,600
Sectors where we lost more jobs than originally thought	
	0
Fewer jobs lost + More jobs added =	13,300
Fewer jobs gained + More jobs lost =	-46,600
Net over estimation =	-33,300



# 2022 Current Employment Statistics (CES) Annual Benchmark Revisions

•	2/22 Pre-benchmark	12/22 Post-benchmark	+/- Under/Over Estima
otal Nonfarm	179,000	145,700	-33,300
otal Private	172,300	132,300	-40,000
oods Producing	35,900	27,500	-8,400
ervice-Providing	143,100	118,200	-24,900
rivate Service Providing	136,400	104,800	-31,600
Nining and Logging	5,700	6,100	400
Oil and Gas Extraction	3,200	300	-2,900
upport Activities for Mining	3,300	5,500	2,200
Construction	18,800	9,400	-9,400
Construction of Buildings	2,600	4,100	1,500
	•		
leavy and Civil Engineering Construction	4,800	2,100	-2,700
pecialty Trade Contractors	11,400	3,200	-8,200
Nanufacturing	11,400	12,000	600
ourable Goods	<i>7,</i> 900	7,300	-600
abricated Metal Product Manufacturing	2,800	3,400	600
Nachinery Manufacturing	1,300	2,600	1,300
griculture, Construction, and Mining Machinery Mo	anuf 800	1,800	1,000
omputer and Electronic Product Manufacturing	400	800	400
lon-Durable Goods	3,500	4,700	1,200
	100	100	0
etroleum and Coal Products Manufacturing			
hemical Manufacturing	700	1,500	800
rade, Transportation, and Utilities	25,500	21,800	-3,700
Vholesale Trade	14,400	8,500	-5,900
Aerchant Wholesalers, Durable Goods	9,300	7,600	-1,700
rofessional and Commercial Equipment and Suppl	lies / 1,000	400	-600
Aerchant Wholesalers, Nondurable Goods	3,600	1,900	-1,700
etail Trade	8,000	3,100	-4,900
Notor Vehicle and Parts Dealers	1,400	1,000	-400
uilding Material and Garden Equipment and Supp		400	-300
ood and Beverage Stores	2,100	2,400	300
lealth and Personal Care Stores	200	-700	-900
lothing and Clothing Accessories Stores	700	500	-200
General Merchandise Stores	-1,500	-2,400	-900
repartment Stores	-600	-1,000	-400
General Merchandise Stores, including Warehouse		-1,400	-500
ransportation, Warehousing, and Utilities	3,100	10,200	7,100
dtilities	700	1,600	900
sir Transportation	1,400	1,800	400
ruck Transportation	1,500	1,600	100
ipeline Transportation	600	600	0
nformation	1,600	1,900	300
elecommunications	200	100	-100
inancial Activities	6,900	9,400	2,500
inance and Insurance	3,400	6,000	2,600
redit Intermediation and Related Activities includi	-	400	-1,000
epository Credit Intermediation including Moneta	•	200	-600
inancial Investments and Related Activities includin	g Fi 600	1,800	1,200
surance Carriers and Related Activities	1,400	3,800	2,400
eal Estate and Rental and Leasing	3,500	3,400	-100
rofessional and Business Services	32,900	31,400	-1,500
rofessional, Scientific, and Technical Services	·	23,700	-1,000
egal Services	1,700	1,300	-400
=		800	-300
ccounting, Tax Preparation, Bookkeeping, and Pa			
architectural, Engineering, and Related Services	12,900	9,200	-3,700
omputer Systems Design and Related Services	1,900	2,700	800
Nanagement of Companies and Enterprises	2,000	2,000	0
Administrative and Support and Waste Mana	age: 6,200	<i>5,</i> 700	-500
dministrative and Support Services	7,400	5,200	-2,200
mployment Services	100	-2,100	-2,200
ervices to Buildings and Dwellings	2,600	2,700	100
	20,600	19,200	-1,400
ducation and Health Services			·
ducational Services	4,900	5,500	600
lealth Care and Social Assistance	1 <i>5</i> ,700	13,700	-2,000
mbulatory Health Care Services	6,800	8,200	1,400
ospitals	6,200	3,600	-2,600
eisure and Hospitality	49,100	18,500	-30,600
arts, Entertainment, and Recreation	7,000	1,700	-5,300
		•	
accommodation and Food Services	42,100	16,800	-25,300
ccommodation	4,500	2,400	-2,100
ood Services and Drinking Places	37,600	14,400	-23,200
Other Services	-200	2,600	2,800
overnment	6,700	13,400	6,700
ederal Government	0	500	500
tate Government	2,000	4,600	2,600
tate Government Educational Services	1,100	3,500	2,400
ocal Government	4,700	8,300	3,600