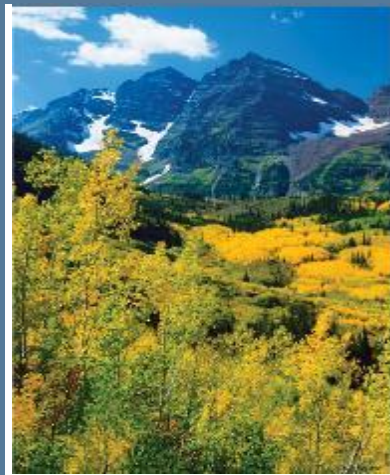


THE *Colorado* ECONOMIC DATABOOK

*A summary of regional economic indicators
for the state of Colorado*



FEBRUARY 9, 2022

FEDERAL RESERVE BANK of KANSAS CITY

SUMMARY OF CURRENT COLORADO ECONOMIC CONDITIONS

The Colorado economy continued to strengthen in the fourth quarter of 2021. Roughly 33,000 jobs were added during the quarter, primarily led by job gains in leisure and hospitality and professional and business services. However, total payroll employment is 40,000 below January 2020 levels. The unemployment rate ended the quarter at 4.8%, still 2 percentage points above its pre-pandemic level, and unemployment rates are above 6% in many of the state's southeastern counties. Additionally, Colorado's labor force grew by 15,000 workers. Home prices in Colorado grew by 20.8% in the third quarter of 2021. Housing permit activity was mostly unchanged for single family homes but grew by 86.7% for multi family homes.

This databook provides current economic indicators to help monitor trends and allow comparison of past information. These indicators include employment; employment by industry; county and state unemployment; personal income; home prices; housing indicators; manufacturing activity; oil, gas and coal production; and exports. These indicators can be found on the following pages.



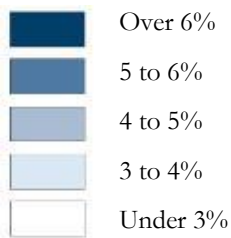
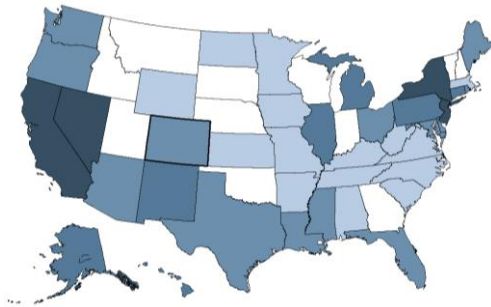
Nicholas Sly is Assistant Vice President and Denver Branch Executive. In this role, Sly is the Federal Reserve Bank of Kansas City's regional economist representing the Bank in Colorado, Wyoming and in northern New Mexico. He serves as the lead officer in the Denver Branch and is responsible for briefing the President of the Kansas City Fed on economic conditions in the Rocky Mountain states within the Tenth District.

Unemployment Rates

Seasonally Adjusted

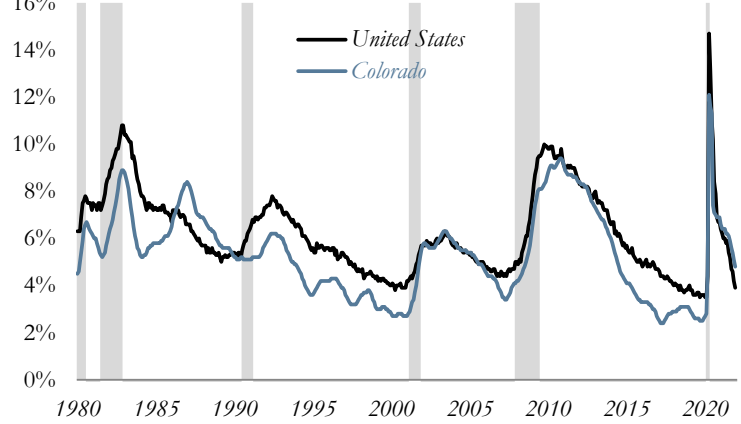
December 2021 Unemployment Rates

Seasonally Adjusted



December 2021		
	United States	Colorado
Unemployment Rate	3.9%	4.8%
Unemployment Rate, Last Year	6.7%	6.9%

Unemployment Rates, Seasonally Adjusted



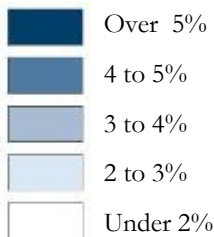
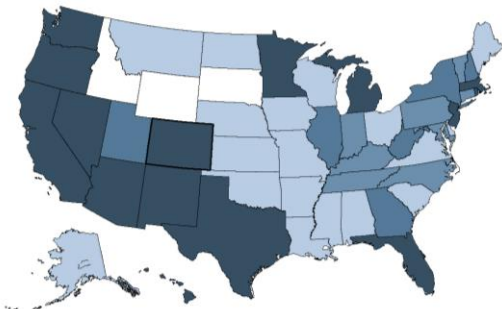
Note: Gray bars indicate recession.

Payroll Employment

Seasonally Adjusted

December 2021 Payroll Employment

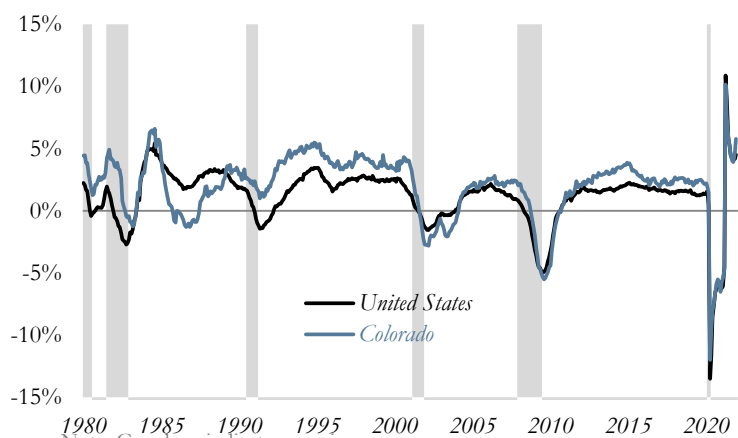
Seasonally Adjusted, Year-over-Year Percent Change



December 2021		
	United States	Colorado
Jobs (Thousands)	148,951.0	2,778.7
Change from Last Year	4.5%	5.8%

Payroll Employment

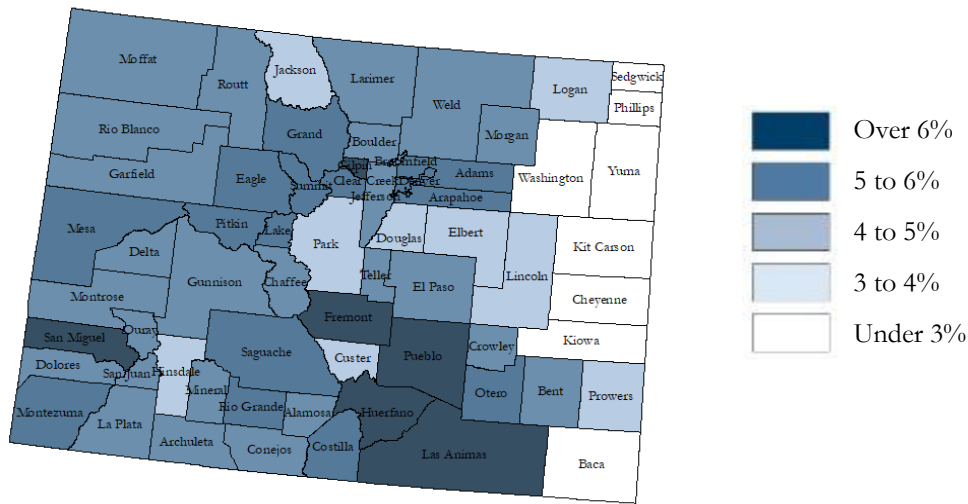
Seasonally Adjusted, Year-over-Year Percent Change



Note: Gray bars indicate recession.

Source: Bureau of Labor Statistics/Haver Analytics

December 2021 Unemployment Rates & Civilian Labor Force
Seasonally Adjusted



	<i>Percent Unemployed</i>	<i>Labor Force (Thousands)</i>			<i>Percent Unemployed</i>	<i>Labor Force (Thousands)</i>	
United States	3.9%	162,294.0	25	Bent	4.8	2.0	
Colorado	4.8	3,208.4	26	Montrose	4.8	22.2	
1	Huerfano	7.1	2.9	27	Garfield	4.8	32.0
2	Pueblo	6.9	78.4	28	Ouray	4.8	2.7
3	San Miguel	6.6	4.6	29	Teller	4.8	13.6
4	Gilpin	6.3	4.1	30	Alamosa	4.8	8.5
5	Fremont	6.2	16.9	31	Delta	4.7	14.9
6	Las Animas	6.1	6.8	32	Jefferson	4.6	345.1
7	Pitkin	5.8	11.0	33	Archuleta	4.6	7.8
8	Adams	5.8	284.0	34	La Plata	4.6	31.7
9	Rio Grande	5.8	5.8	35	San Juan	4.5	0.5
10	Eagle	5.7	33.8	36	Mineral	4.5	0.5
11	Denver	5.6	437.0	37	Routt	4.4	16.3
12	Arapahoe	5.4	379.0	38	Morgan	4.4	16.6
13	Lake	5.4	4.7	39	Conejos	4.3	4.2
14	Mesa	5.3	76.9	40	Crowley	4.2	1.6
15	Clear Creek	5.3	6.3	41	Broomfield	4.2	41.5
16	Otero	5.3	8.6	42	Dolores	4.2	1.2
17	Saguache	5.2	3.4	43	Moffat	4.2	7.7
18	Summit	5.2	21.7	44	Larimer	4.2	207.0
19	Montezuma	5.1	13.1	45	Gunnison	4.1	11.6
20	Grand	5.1	8.9	46	Chaffee	4.0	10.7
21	Costilla	5.1	1.8	47	Boulder	4.0	199.5
22	El Paso	4.9	359.2	48	Custer	4.0	2.2
23	Rio Blanco	4.9	3.1	49	Prowers	3.8	6.4
24	Weld	4.9	170.2	50	Douglas	3.8	202.5

Source: Bureau of Labor Statistics/Haver Analytics

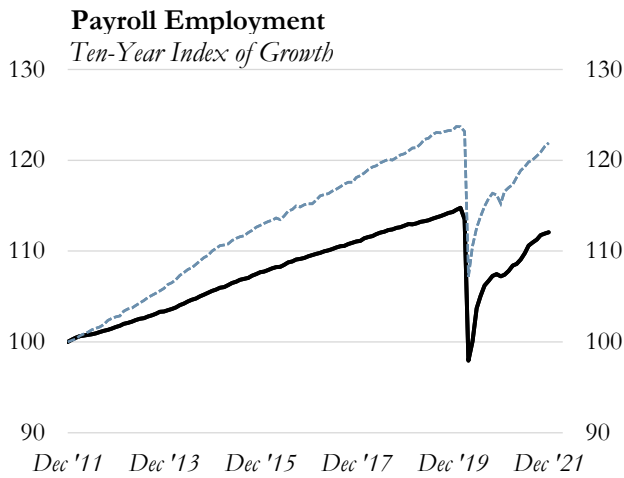
December 2021 Unemployment Rates & Civilian Labor Force
Seasonally Adjusted

		<i>Percent Unemployed</i>	<i>Labor Force (Thousands)</i>			<i>Percent Unemployed</i>	<i>Labor Force (Thousands)</i>
51	Park	3.8	11.7	58	Washington	2.7	3.2
52	Logan	3.7	11.5	59	Phillips	2.6	2.5
53	Elbert	3.4	15.7	60	Yuma	2.5	5.8
54	Hinsdale	3.3	0.4	61	Kit Carson	2.5	4.5
55	Lincoln	3.2	2.5	62	Cheyenne	2.0	1.2
56	Jackson	3.1	1.0	63	Kiowa	2.0	1.1
57	Sedgwick	2.8	1.2	64	Baca	1.8	2.4

Source: Bureau of Labor Statistics/Haver Analytics

Payroll Employment

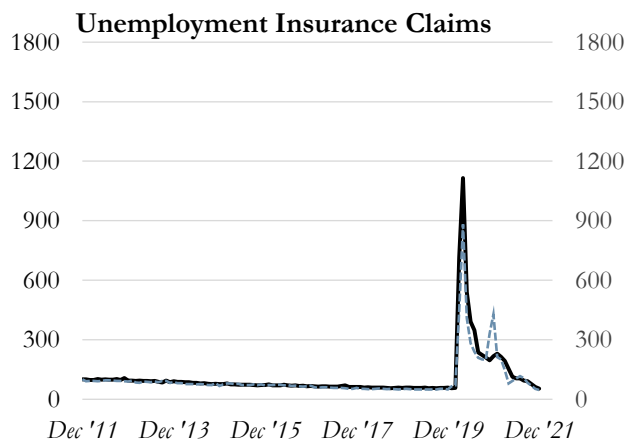
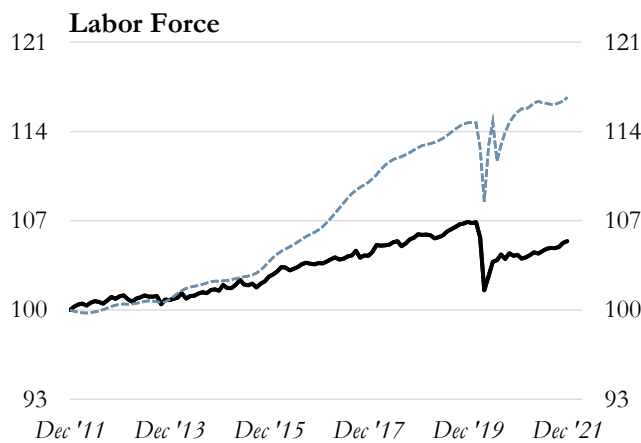
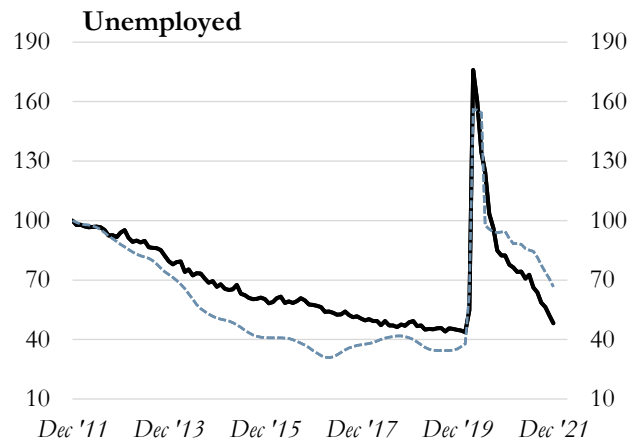
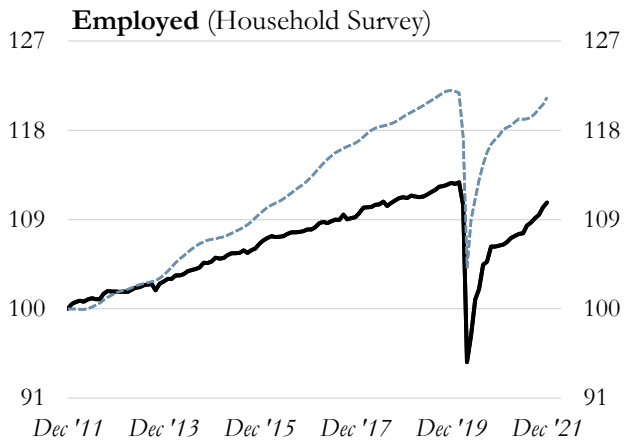
Seasonally Adjusted



December 2021		
	United States	Colorado
Jobs (Thousands)	148,951.0	2,778.7
Change from Last Year (Thousands)	6,448.0	152.0
Share of U.S. Employment		1.9%

Labor Force Dynamics

Ten-Year Index of Growth, Seasonally Adjusted

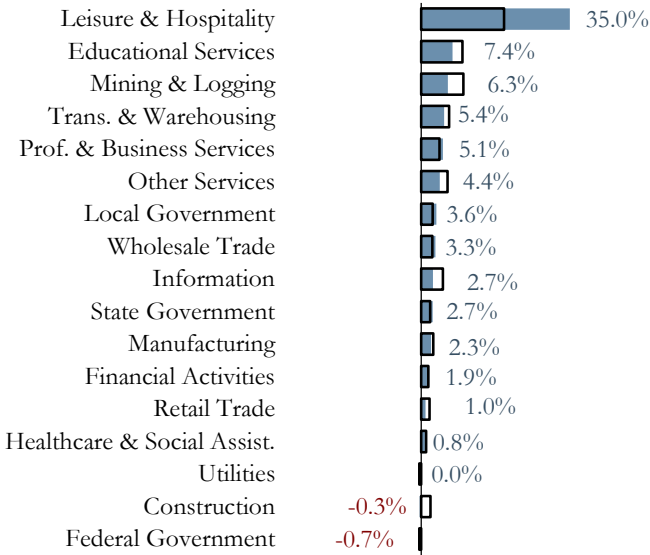


Source: Bureau of Labor Statistics & Department of Labor/Haver Analytics

Payroll Employment by Industry

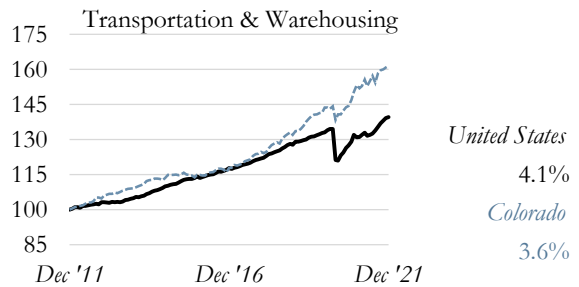
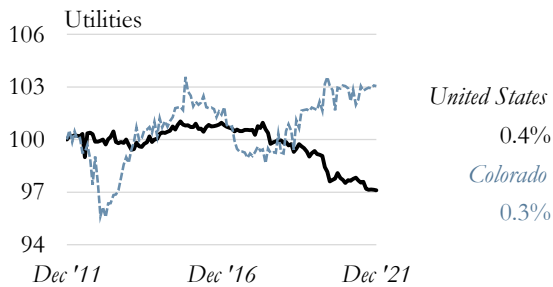
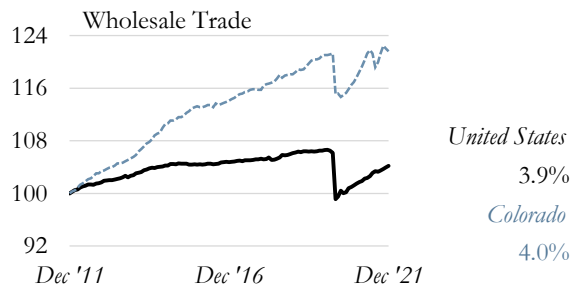
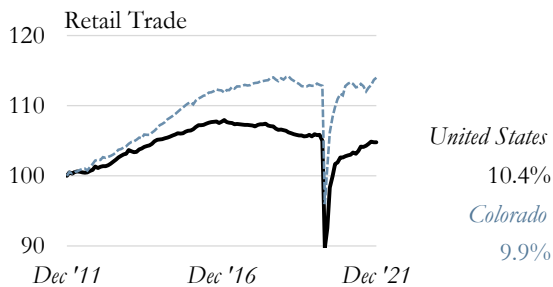
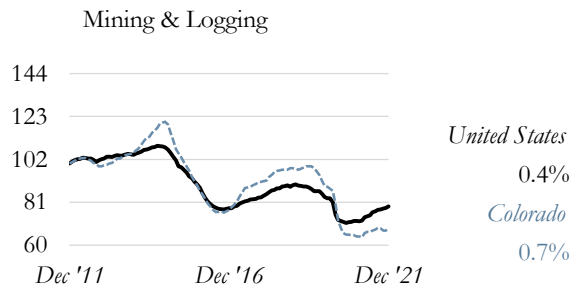
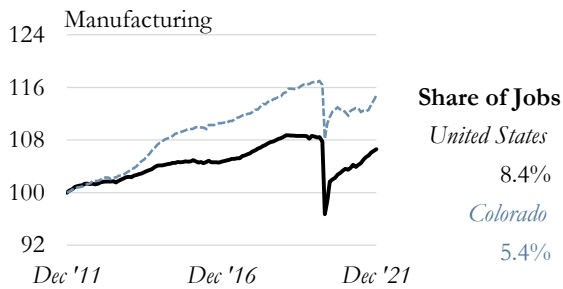
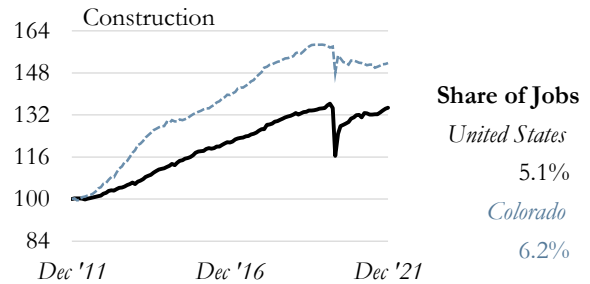
Seasonally Adjusted

December 2021 *Percent Change Year-over-Year*



— United States
- - - Colorado

Ten-Year Index of Growth

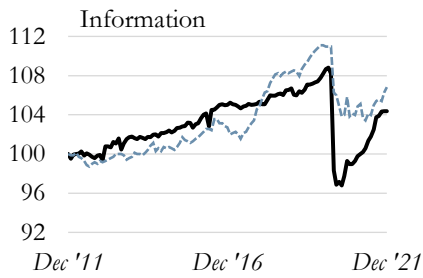


Source: Bureau of Labor Statistics/Haver Analytics

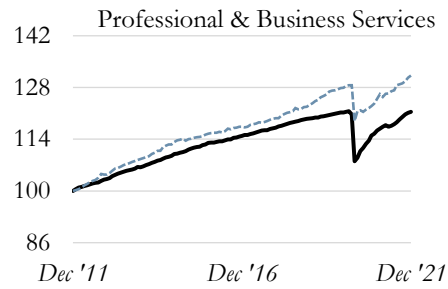
Payroll Employment by Industry

Ten-Year Index of Growth, Seasonally Adjusted

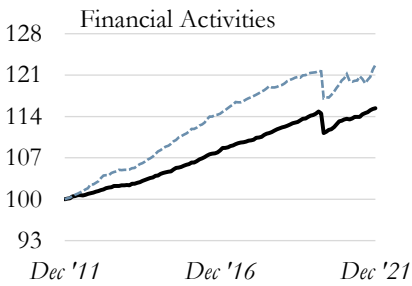
— United States
 - - - Colorado



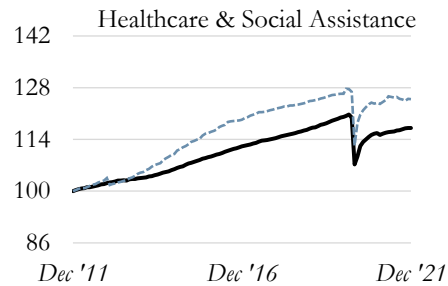
Share of Jobs
 United States 1.9%
 Colorado 2.7%



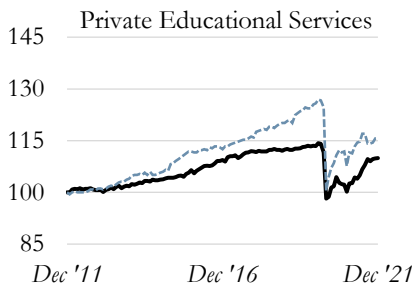
Share of Jobs
 United States 14.4%
 Colorado 16.4%



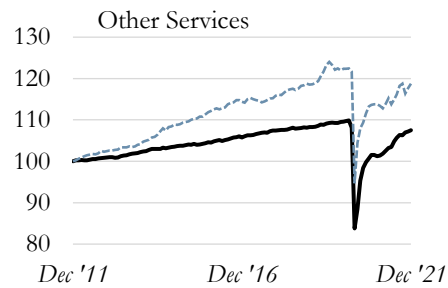
Share of Jobs
 United States 6.0%
 Colorado 6.4%



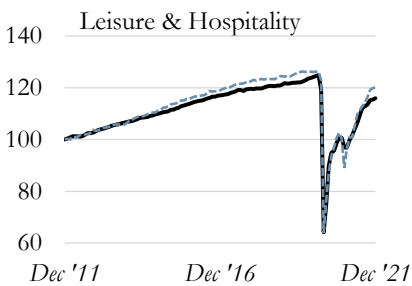
Share of Jobs
 United States 13.5%
 Colorado 10.9%



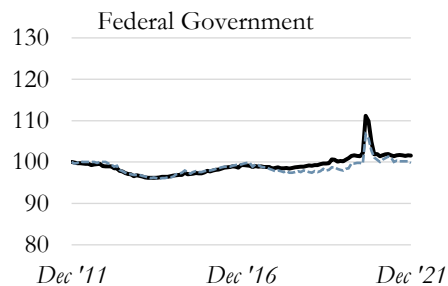
Share of Jobs
 United States 2.4%
 Colorado 1.5%



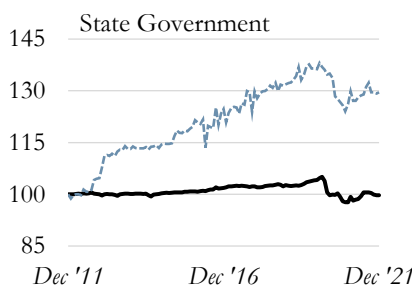
Share of Jobs
 United States 3.9%
 Colorado 4.0%



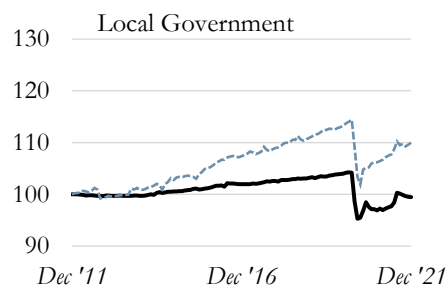
Share of Jobs
 United States 10.5%
 Colorado 11.9%



Share of Jobs
 United States 1.9%
 Colorado 1.9%



Share of Jobs
 United States 3.4%
 Colorado 4.5%

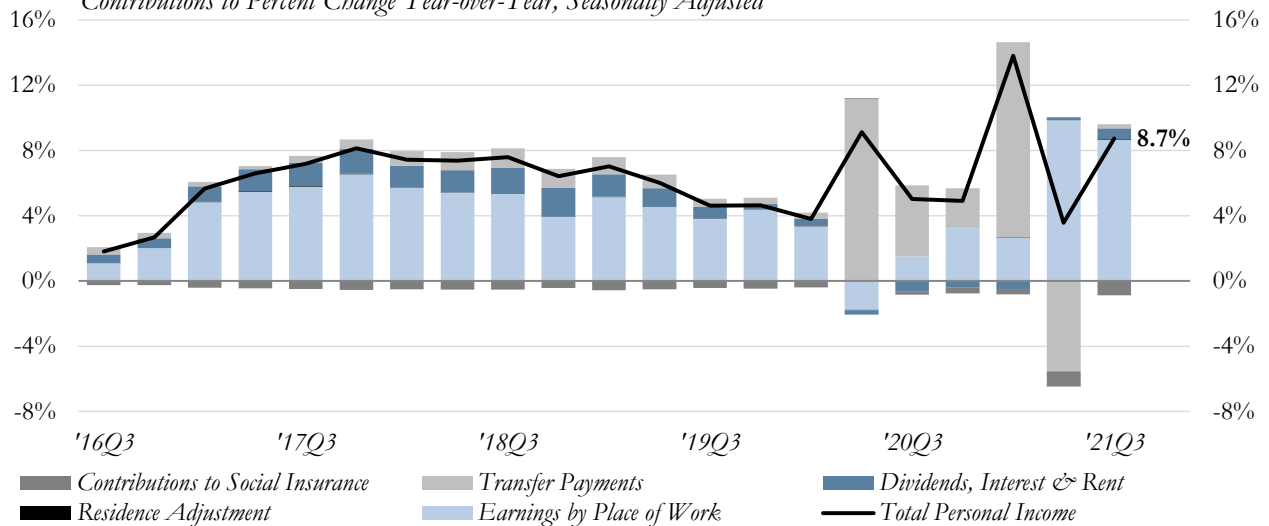


Share of Jobs
 United States 9.4%
 Colorado 9.6%

Source: Bureau of Labor Statistics/Haver Analytics

Colorado Nominal Personal Income Growth

Contributions to Percent Change Year-over-Year, Seasonally Adjusted

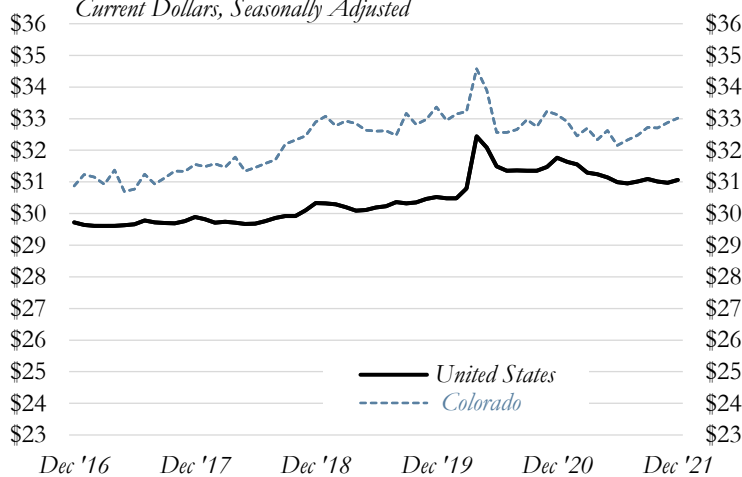


2021Q3	Percent Change Year-over-Year		Share of Personal Income	
	United States	Colorado	United States	Colorado
Total Personal Income	5.2%	8.7%		
Earnings by Place of Work	9.7%	12.3%	70.2%	72.9%
Social Insurance Contributions*	-10.2%	-11.6%	-7.7%	-7.8%
Residence Adjustment		9.0%		0.4%
Dividends, Interest & Rent	3.0%	3.4%	17.7%	19.1%
Transfer Payments	-5.3%	1.5%	19.9%	15.4%

*Subtracted from personal income.

Real Average Hourly Wage

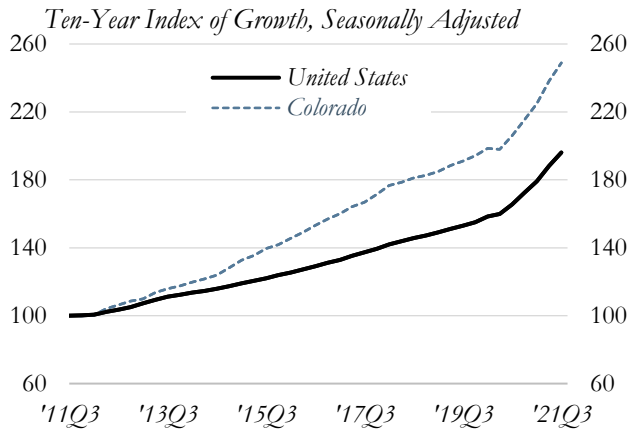
Current Dollars, Seasonally Adjusted



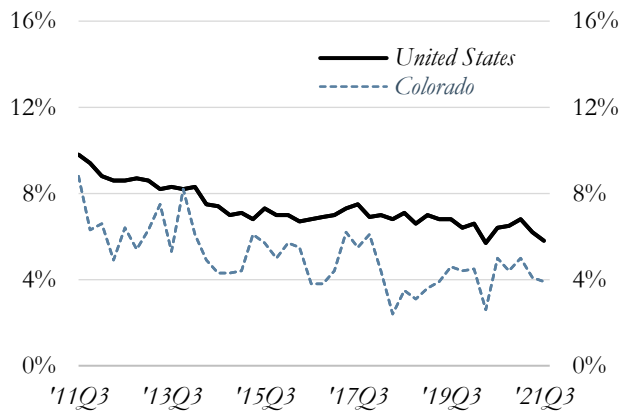
December 2021		
Average Hourly Wage	United States	Colorado
	\$31.06	\$33.02
<i>Real Change from</i>		
Last Month	0.3%	0.4%
Last Year	-2.2%	-0.3%

Source: Bureau of Economic Analysis & Bureau of Labor Statistics/Haver Analytics

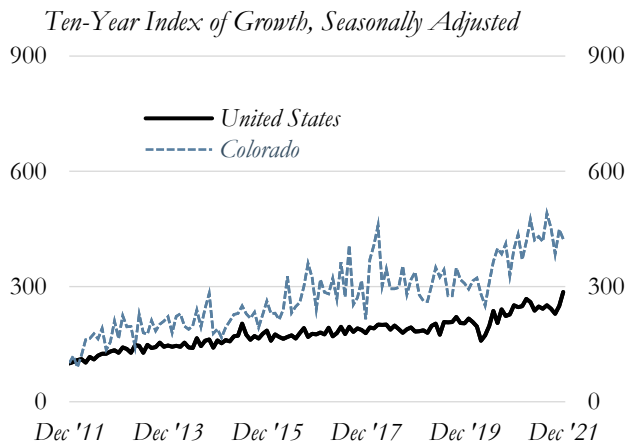
FHFA Purchase-Only Home Price Index



Rental Vacancy Rates



Housing Permits

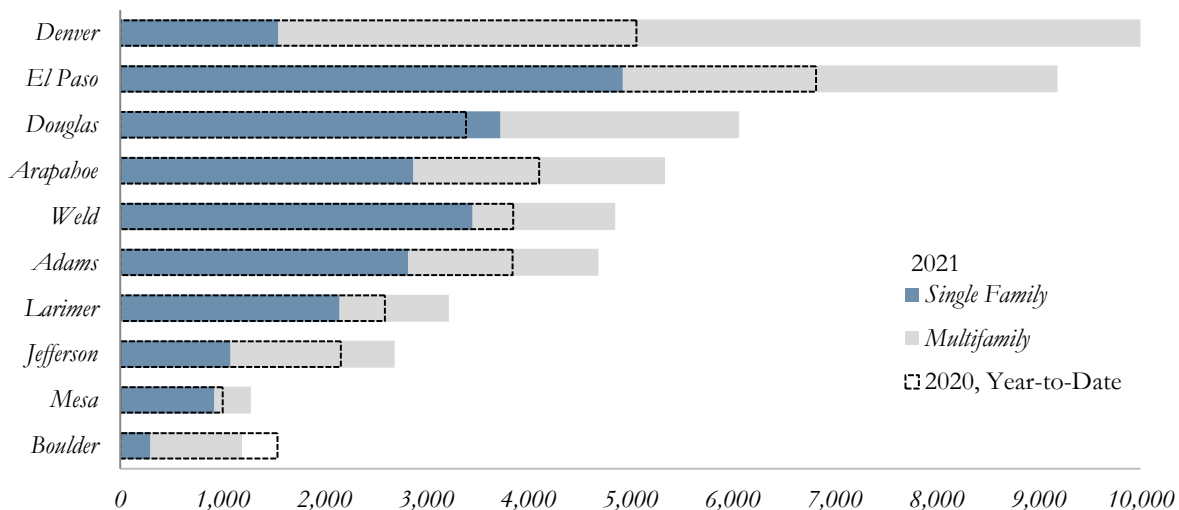


Summary Statistics		
	United States	Colorado
Prices (2021Q3)*	18.5%	20.8%
Vacancy Rates (2021Q3)	5.8%	3.9%
Permits (Year-to-Date)*		
<i>Single Family</i>	13.7%	3.8%
<i>Multifamily</i>	30.6%	86.7%

*Percent change year-over-year.

Top 10 Colorado Counties for Permit Activity

Year-to-Date through December

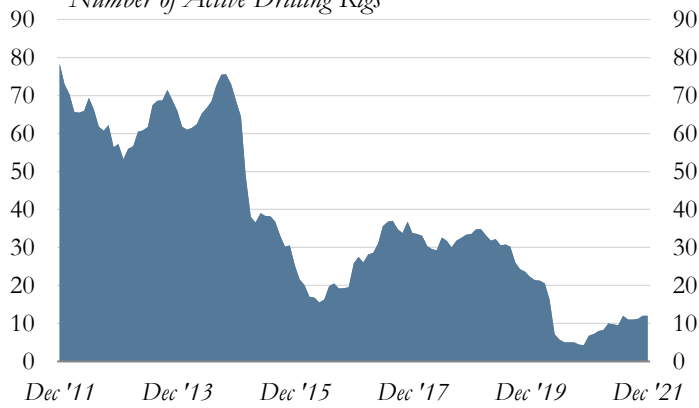


Source: Federal Housing Finance Agency (FHFA) & Census Bureau/Haver Analytics

Colorado Energy Activity

Oil & Gas Rig Counts

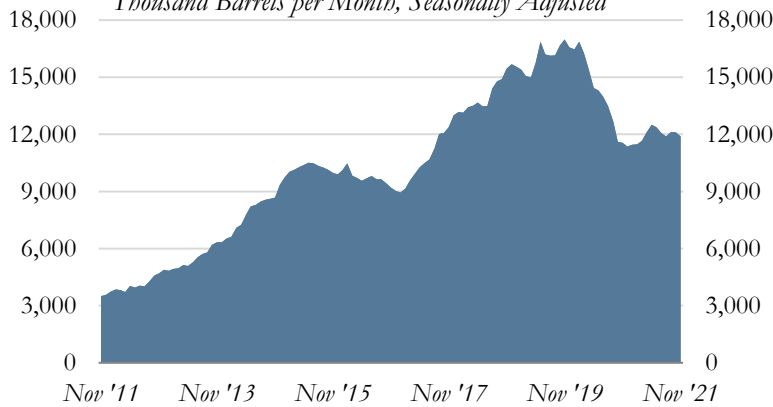
Number of Active Drilling Rigs



December 2021		
	<i>United States</i>	<i>Colorado</i>
Rig Count	579	12
<i>Change from</i>		
Last Month	19	0
Last Year	240	5
Share of U.S. Activity		2.1%

Crude Oil Production

Thousand Barrels per Month, Seasonally Adjusted



November 2021		
	<i>United States</i>	<i>Colorado</i>
Production	346,869	11,896
<i>Change from</i>		
Last Month	-1.1%	-1.8%
Last Year	5.6%	3.0%
Share of U.S. Activity		3.4%

Coal Production

Thousand Short Tons, Seasonally Adjusted

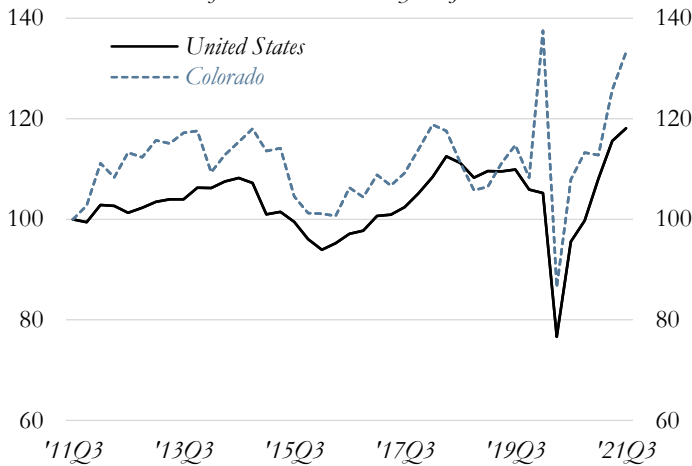


December 2021		
	<i>United States</i>	<i>Colorado</i>
Production	48,199	920
<i>Change from</i>		
Last Month	-0.9%	1.0%
Last Year	8.5%	6.9%
Share of U.S. Activity		1.9%

Source: Baker Hughes & Department of Energy, Energy Information Administration/Haver Analytics

Global Exports

Ten-Year Index of Growth, Seasonally Adjusted

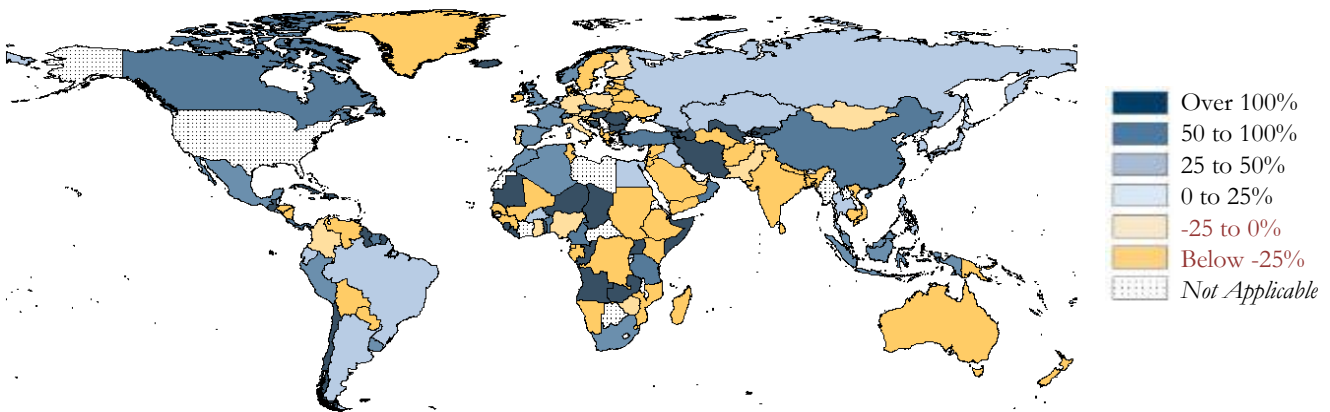


2021Q3		
	United States	Colorado
Exports (Millions)	\$446,186.1	\$2,446.9
<i>Change from</i>		
Last Quarter	2.2%	5.9%
Last Year (year-to-date)	23.2%	12.0%
Share of U.S. Activity		0.5%

2020		
	United States	Colorado
Exports as a Percent of GDP	6.9%	2.2%

Colorado Exports Year-to-Date through 2021Q3

Percent Change Year-over-Year



Top Markets		Share
1	Canada	17.5%
2	Mexico	15.8
3	China*	14.7
4	South Korea	6.6
5	Malaysia	6.0
6	Japan	4.9
7	Netherlands	3.2
8	Switzerland	3.1
9	Germany	3.0
10	United Kingdom	2.6

Top Exports		Share
1	Food	24.3%
2	Computers & Electronics	21.6
3	Machinery (except Electrical)	10.7
4	Chemicals & Rare Earth Metals	9.8
5	Fabricated Metal Products	5.5
6	Misc. Manufactures	5.4
7	Transportation Equip.	4.2
8	Plastics & Rubber Products	3.1
9	Electronic Equip. & Appliances	2.7
10	Primary Metals	2.6

*Includes Hong Kong, Taiwan, and Macao.

Source: Census Bureau, WISERTrade & Bureau of Economic Analysis/Haver Analytics

Pages 2 - 4: County unemployment rates typically lag state data releases by one month. Gray bars show recessionary periods as designated by the National Bureau of Economic Research. The "official" and most commonly reported unemployment rate is calculated as the number of unemployed workers divided by the total civilian labor force. These data are reported from the Bureau of Labor Statistics Current Population Survey, or commonly called the "Household" survey.

Pages 2 and 5: Nonfarm employment data from the Bureau of Labor Statistics Current Employment Survey are commonly called "Payroll" employment data. Estimates from this survey are revised throughout the year and a major revision or "benchmark" of the data occurs in March of each year. "Payroll" and "Household" surveys are released monthly, providing the most current estimates of employment published by the Bureau of Labor Statistics. Because methodologies differ between surveys, employment estimates also differ. For more information, visit:

http://www.bls.gov/web/empst/ces_cps_trends.pdf

Initial claims show monthly applications for initial claims for state unemployment insurance benefits.

Pages 6 and 7: Payroll employment by industry is shown for each of the major two-digit North American Industrial Classification System industries.

Page 8: Personal income provides a measure of all income received by residents of a given geographic area. Data shown are in nominal terms (not adjusted for inflation). Transfer payments include social benefits such as unemployment insurance, Social Security, and Medicaid. Contributions to social insurance are subtracted from personal income. These contributions include taxes paid by businesses and employees that support social insurance programs such as unemployment insurance, Social Security, and Medicaid. The residence adjustment adds income received outside of a recipient's state of residence and makes a corresponding subtraction from the area where this income was earned or received. Real average hourly wages are calculated as total earnings divided by total employment for a given geographic area. Data are adjusted for inflation using the consumer price index for all urban areas (CPI-U) and are indexed to the most current month of data.

Page 9: Home price indices estimate regional growth in home values based on repeat sales data for detached single family residential properties. Monthly single and multifamily housing permits data are not revised, and therefore, may not sum to published year-end totals.

Page 10: The active rig count is the number of rigs actively exploring for or developing oil or natural gas. Rig counts provide an indicator of new drilling activity and potential for expanded crude oil or natural gas production. Coal production is shown as production during a given month.

Page 11: Exports measure the total physical movement of a given product from the United States to a foreign country.

Data Revisions

Most data are revised periodically to correct for errors and incorporate additional information as it becomes available. Data shown in this report are subject to change.

Seasonal Adjustments

Most data are seasonally adjusted to remove variance caused by seasonal fluctuations in economic activity. Data in this report show the seasonal adjustments of data publishers where available. In other cases, Census X-12 adjustments were applied.

Regional Economic Analysis

Sign up to receive *The Colorado Economic Databook* and other publications each month via email using the link below:

<http://www.KansasCityFed.org/ealert/>

For regional economic analysis on the state of Colorado, read the latest issues of *The Rocky Mountain Economist*.

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