Regional Focus

West South Central

West North Central
Total Cement Consumption

Index, 2000=100

Source: USGS, PCA
Economic Outlook
Employment Recovery – West South Central

Total nonfarm, January 2020=100

Source: BLS, PCA
Employment Recovery – West North Central

Total nonfarm, January 2020=100

Source: BLS, PCA
Labor Markets Remain Tight

Job Openings Rate, %, SA

Source: BLS
Labor Markets Remain Tight among all Regions

Job Openings Rate, %, SA

Source: BLS
Labor Markets Remain Tight

Which of the following factors are slowing the economy in your area?

**Potential Policy Change (State/Local)**

**Regulations**

**Potential Policy Change (Federal)**

**Uncertainty (Political, Business Cycle, …)**

**COVID-19 Issues**

**Lack of Available Workers**

---

Reason behind non-urgent job search

- **UI payments**
- **COVID fears**
- **Care responsibilities**
- **Spouse employed**
- **Financial cushion**

Source: US Chamber of Commerce

Source: Indeed July 2021 Survey
Residential Outlook
Housing Market Remains Very Tight

Source: NAR
Housing Permits – Interior U.S.

Seasonally adjusted, year-over-year percent change.

United States

Source: PCA
Housing Permits

Seasonally adjusted, year-over-year percent change.

Average YoY Growth (2021)
WNC: 28.4%
WSC: 28.0%

Source: PCA
Residential Cement Consumption – Central U.S.

Index, 2000=100

Source: USGS, PCA

Annual % Change

<table>
<thead>
<tr>
<th></th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>WNC</td>
<td>4.8%</td>
<td>-2.5%</td>
</tr>
<tr>
<td>WSC</td>
<td>3.4%</td>
<td>-1.7%</td>
</tr>
</tbody>
</table>
Nonresidential Outlook
Between last quarter of 2020 and 2nd quarter of 2021, 94-97% of respondents to Fed survey reported unchanged or increased agriculture income. Capital spending has mirrored this improvement.

- Drought concerns persist, impacting livestock producers more so than crop farmers.
- Input costs such as feed, fertilizer and energy are of growing concern.
U.S. Net Farm Income

Real 2019 $s, billions

Source: U.S. Department of Agriculture (USDA): Farm Income and Wealth Statistics

Share of U.S. Gross Farm Receipts
West North Central: 29%
West South Central: 11%

Lower farm income attributed to decline disaster assistance for COVID-19 relief and rising expenses.
Oil & Gas Drilling Improving, Still Slower Than Past Cycles

2Q Moving Average

Source: Baker Hughes Incorporated, EIA
Oil Well Cement Consumption – Central U.S.

Metric Tons, Thousands

Oil Share of Total Regional Cement Consumption: 8%

Texas: 7%
Oklahoma: 9%
North Dakota: 21%

Source: PCA
Nonresidential Sector Construction Spend

Put-In-Place Construction
January 2018=100

Central Region (WNC+WSC)
Nonresidential Construction Spend

<table>
<thead>
<tr>
<th>Category</th>
<th>2021 Trend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total NR</td>
<td>-10.7%</td>
</tr>
<tr>
<td>Amusement</td>
<td>-24.4%</td>
</tr>
<tr>
<td>Commercial/Retail</td>
<td>-9.3%</td>
</tr>
<tr>
<td>Education</td>
<td>-13.7%</td>
</tr>
<tr>
<td>Hospitals</td>
<td>-10.7%</td>
</tr>
<tr>
<td>Industrial</td>
<td>39.1%</td>
</tr>
<tr>
<td>Lodging</td>
<td>-41.3%</td>
</tr>
<tr>
<td>Office</td>
<td>-28.4%</td>
</tr>
<tr>
<td>Utilities</td>
<td>-22.6%</td>
</tr>
</tbody>
</table>

Source: PCA
Commercial Cement Consumption – Central U.S.

Metric Tons

West South Central

Year: 2020 - 2025
-11% 1.2% 4.0% 3.4% 2.9% 3.5%

West North Central

Year: 2020 - 2025
-22% -1.2% 3.1% 2.4% 2.2% 2.1%

Source: PCA
Public Outlook
Preliminary General Fund Percentage Expenditure Change – FY2022

Source: NASBO – The Fiscal Survey of States 2021
Employees returning to Work

Percentage change from baseline visits—Workplace

Source: Google Mobility Report, PCA
Employees returning to Work

Percentage change from baseline visits—Workplace

Source: Google Mobility Report, PCA
Consumers Showing Apprehension

Percentage change from baseline visits—Retail & Recreation

Retail & Recreation: Mobility trends for places like restaurants, cafes, shopping centers, theme parks, museums, libraries and movie theaters

Source: Google Mobility Report, PCA
Consumers Showing Apprehension

Source: Google Mobility Report, PCA

Retail & Recreation: Mobility trends for places like restaurants, cafes, shopping centers, theme parks, museums, libraries and movies theaters
Public Cement Consumption – Interior U.S.

Metric Tons

West South Central

Source: PCA
Infrastructure Investment and Jobs Act, Central Share of Total U.S. Funding

West North Central and West South Central combined represent 20.2% of U.S. funding. This is relative to 18.9% of U.S. population.

Other consists of: broadband, EV charging station, airports, and climate change resiliency.

Source: White House
Total Cement Consumption – Interior U.S.
Metric Tons (000s)

West South Central

2020 2021 2022 2023 2024 2025
-2.5% 0.2% 3.3% 3.6% 2.8% 3.2%


West North Central

2020 2021 2022 2023 2024 2025
7.0% 1.8% 0.1% 0.2% 1.6% 1.9%


Source: PCA