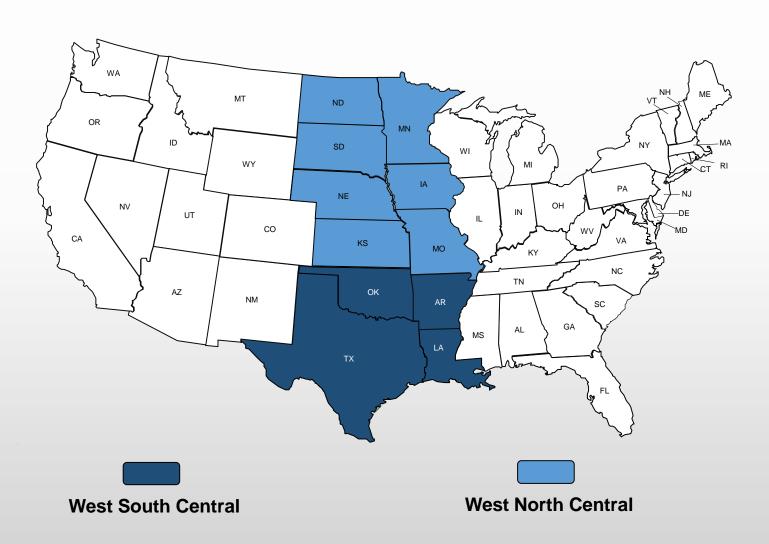




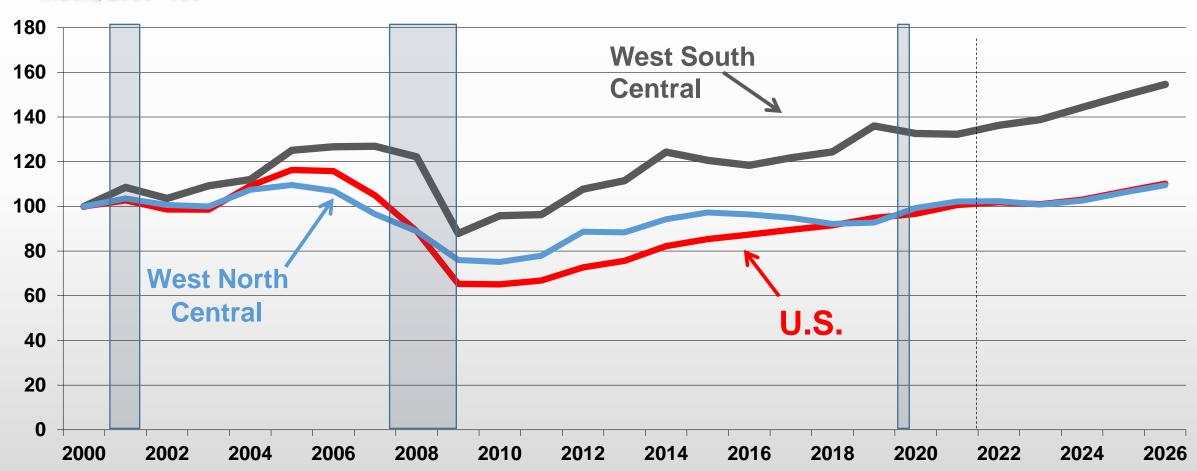
Regional Focus





Total Cement Consumption

Index, 2000=100

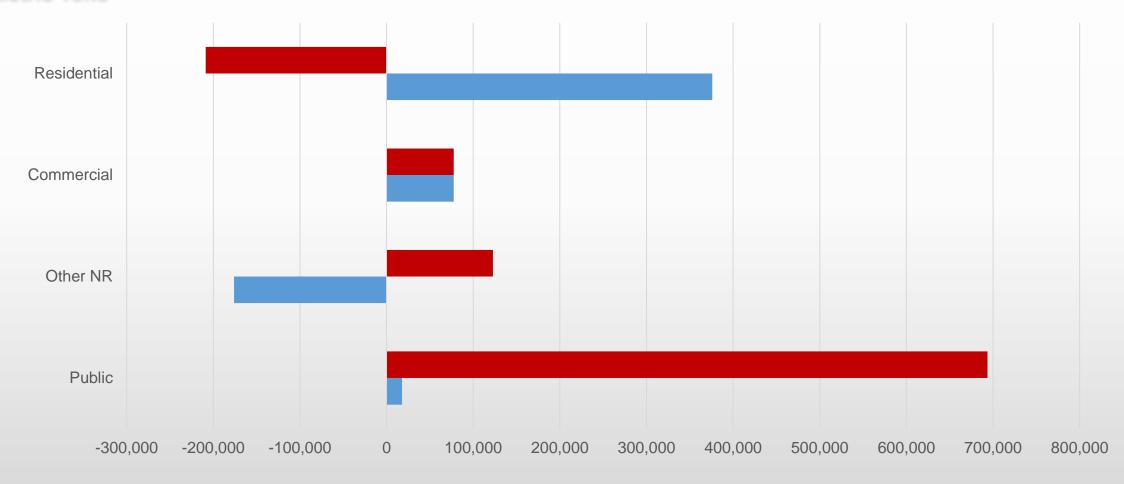


Source: USGS, PCA



Composition of Cement Growth: West North Central

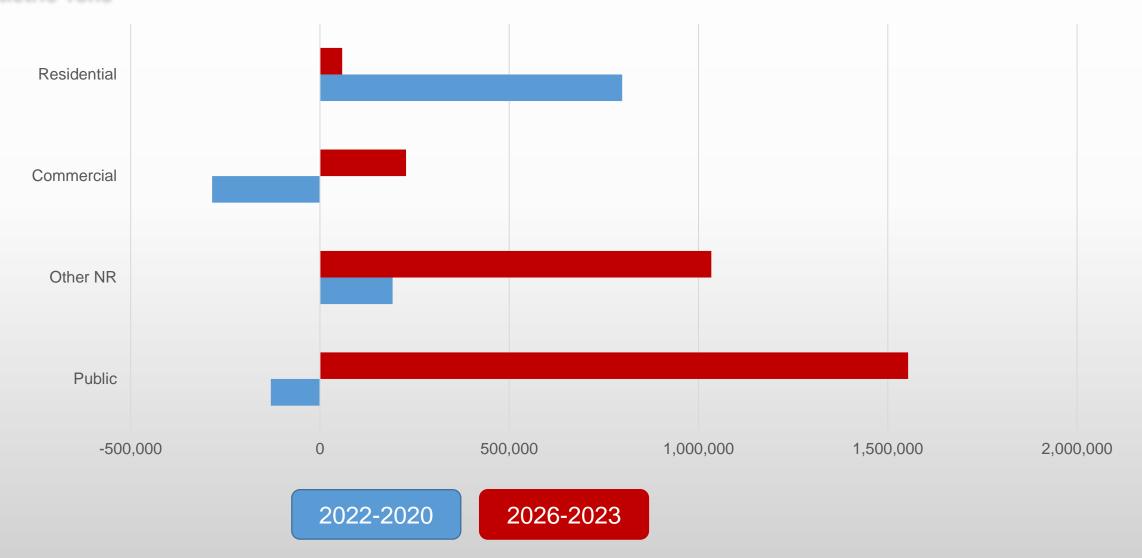
Metric Tons





Composition of Cement Growth: West South Central

Metric Tons



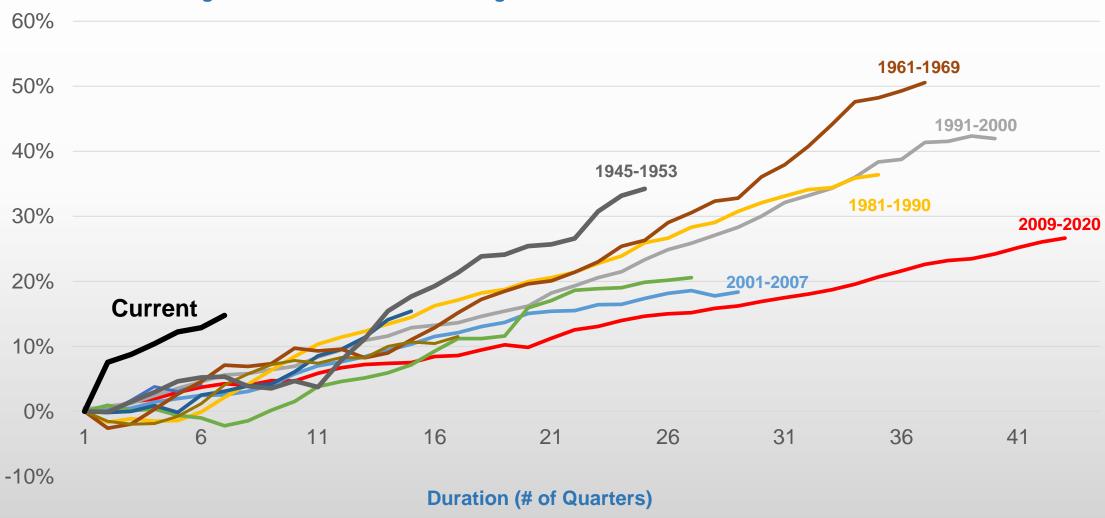


Economic Outlook



Strength & Duration of U.S. Recoveries

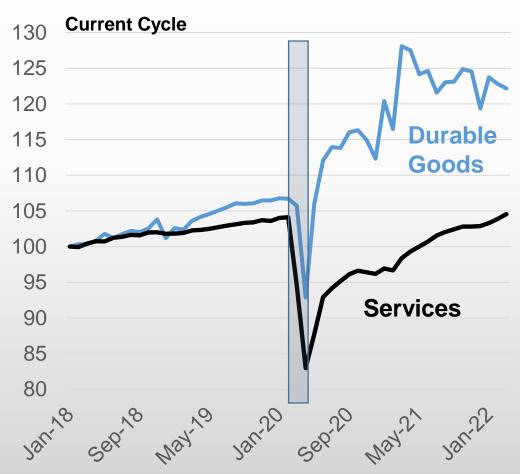
Real GDP Percentage Growth From Previous Trough

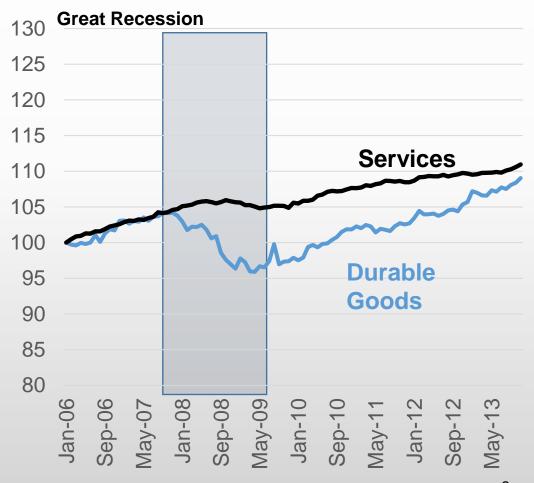




Durable goods spending far outpacing demand for services

Real Personal Consumption Expenditure, Index





Source: BEA, PCA

8



Labor Markets Remain Tight

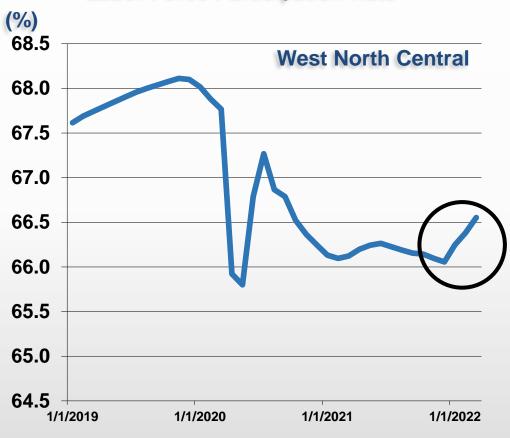


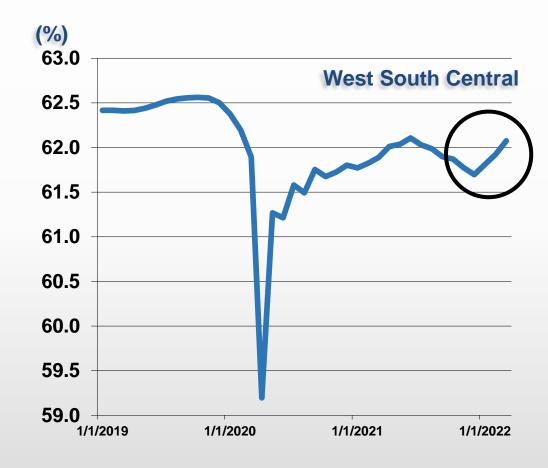
Source: BLS



Workers are now re-entering the labor force

Labor Force Participation Rate



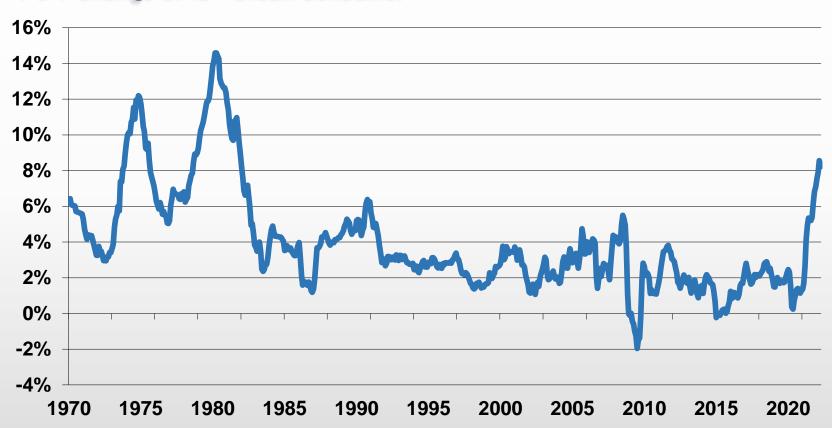


Source: BLS



Inflation

Y-o-Y Change CPIU—Urban Consumer



Demand-Side and Supply-Side factors are resulting in 40 year high inflation rates.

- Wage inflation brought on by reduced labor participation, health concerns due to Covid, child care, heightened unemployment & Covid relief benefits, & retirements.
- Global supply chain disruptions.
- Logistic disruptions ship, truck & rail.

The longer these trends are in place, the more likely higher inflation becomes "embedded" and implies a longevity for higher than desired inflation rates.

Source: BLS 11



Residential Outlook



Housing Market Remains Very Tight

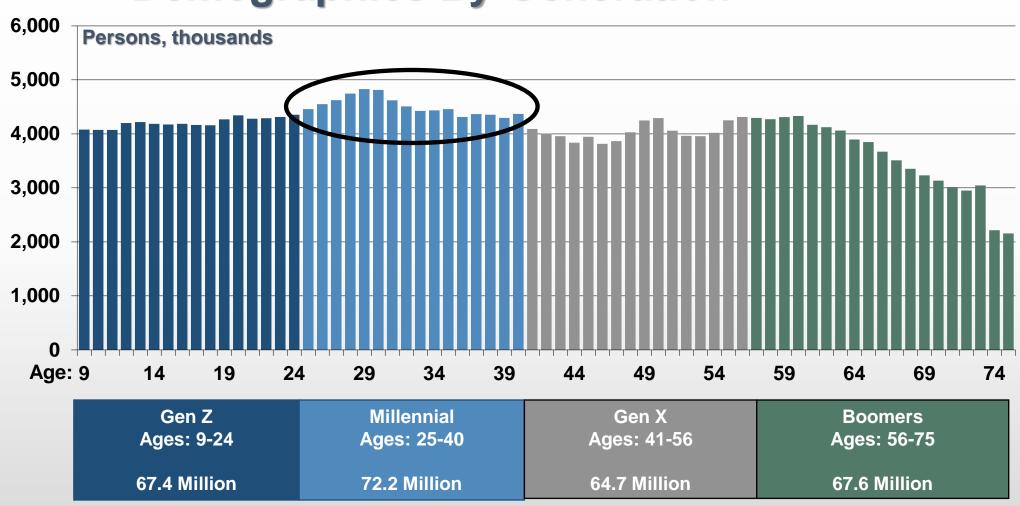
Months Supply of existing homes on market



Source: NAR



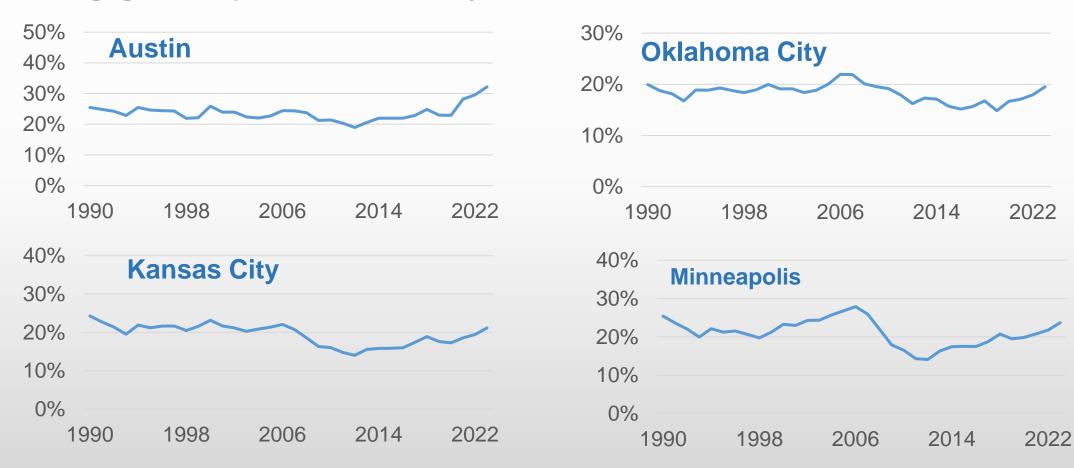
Demographics By Generation





Substantial Deterioration in Affordability

Mortgage Principle and Interest Payment as Share of Median Household Income

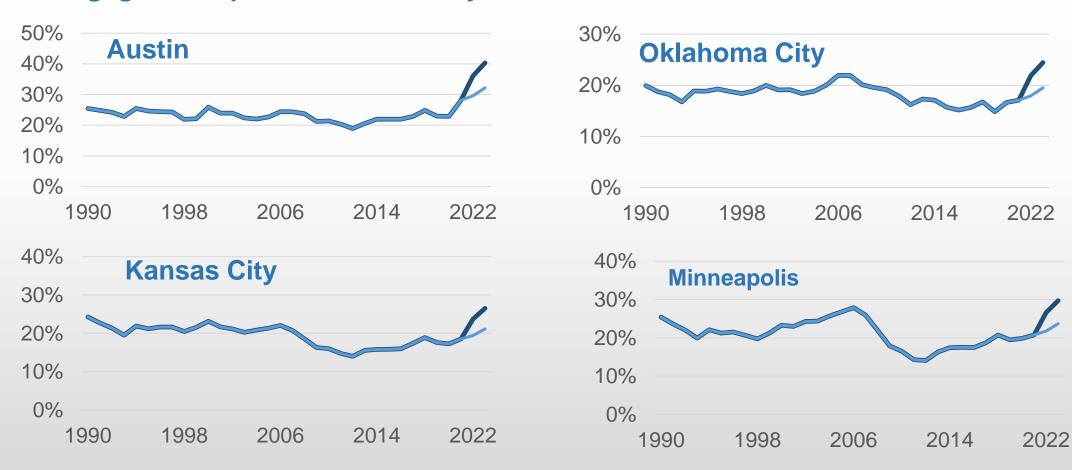


Source: NAR, BEA, BOC, Moody's



Substantial Deterioration in Affordability

Mortgage Principle and Interest Payment as Share of Median Household Income

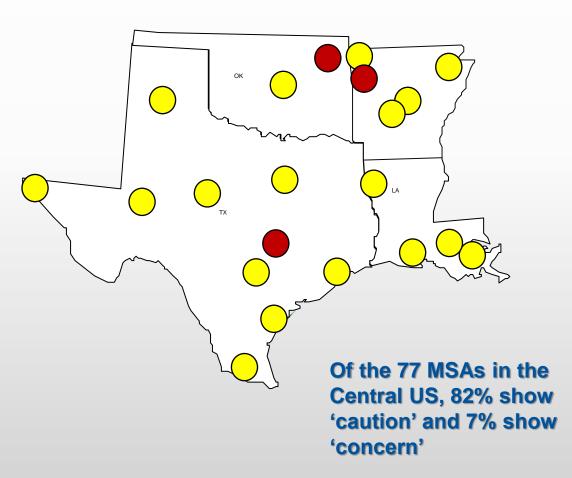


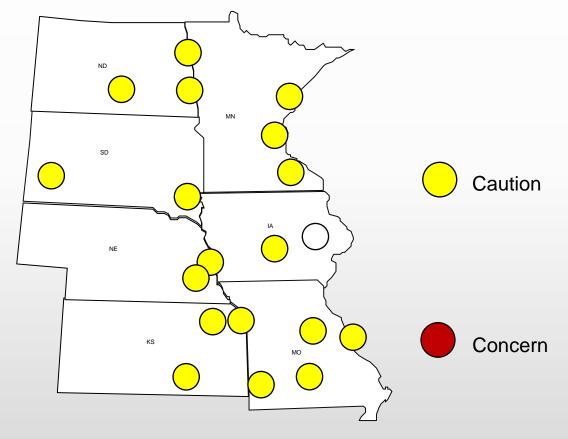
Source: NAR, BEA, BOC, Moody's



Rising Mortgage Rates Impact on Affordability- 2022

Regional MSA, Annual Mortgage Payment as share of Household Income, Mortgage Rate: 5%

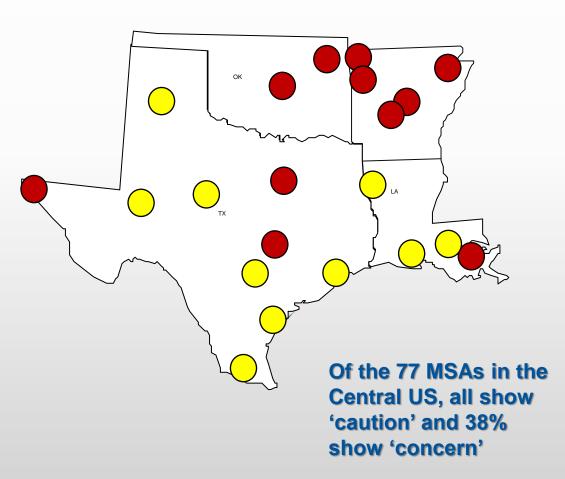


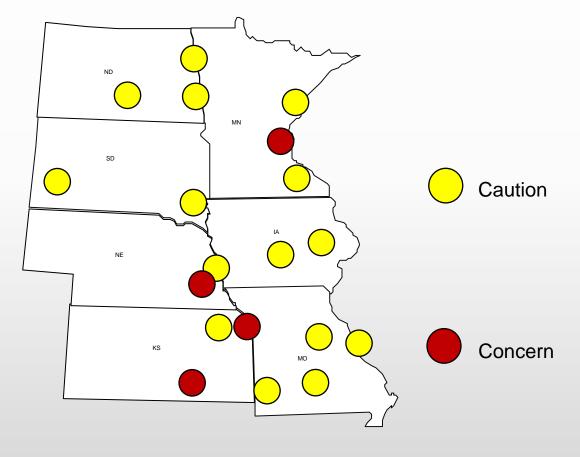




Rising Mortgage Rates Impact on Affordability- 2023

Regional MSA, Annual Mortgage Payment as share of Household Income, Mortgage Rate: 6%

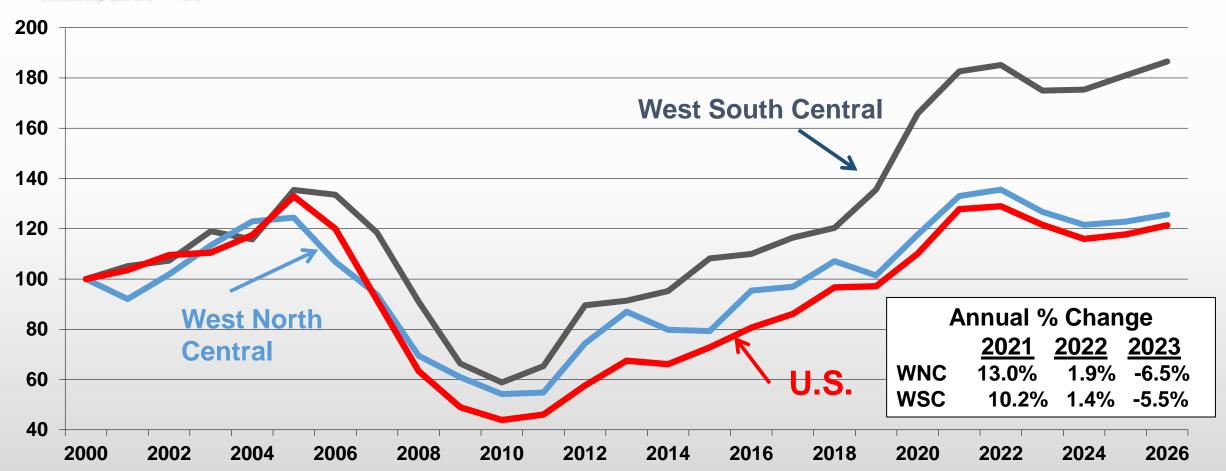






Residential Cement Consumption – Central U.S.

Index, 2000=100



Source: USGS, PCA

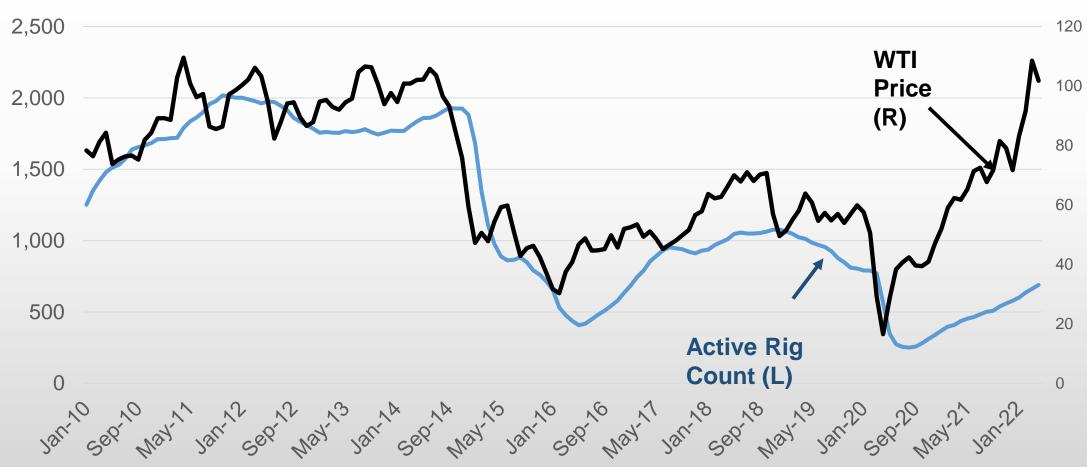


Nonresidential Outlook



Oil & Gas Drilling Improving, Still Slower Than Past Cycles

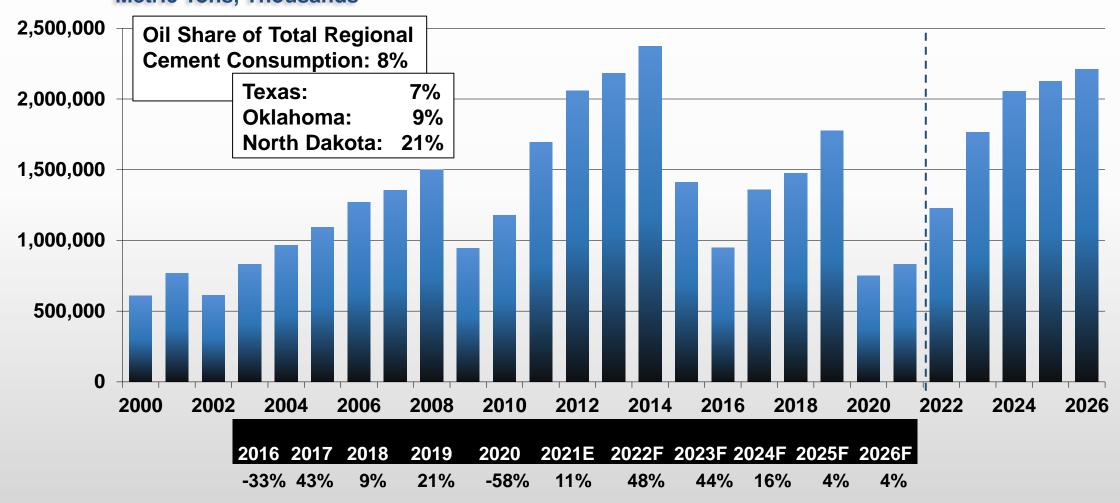
2Q Moving Average





Oil Well Cement Consumption – Central U.S.

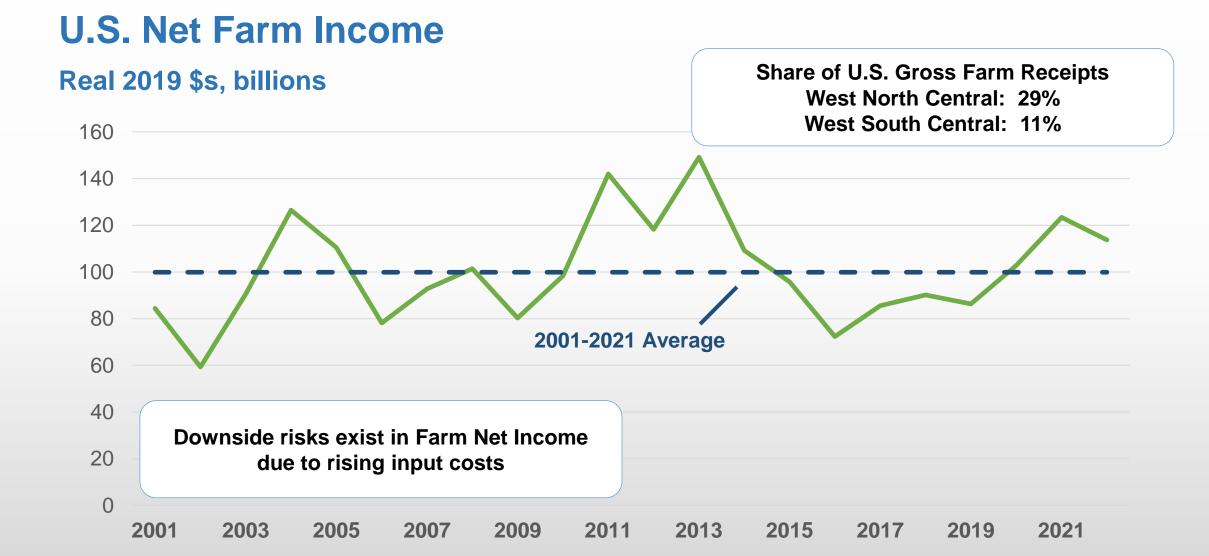




22

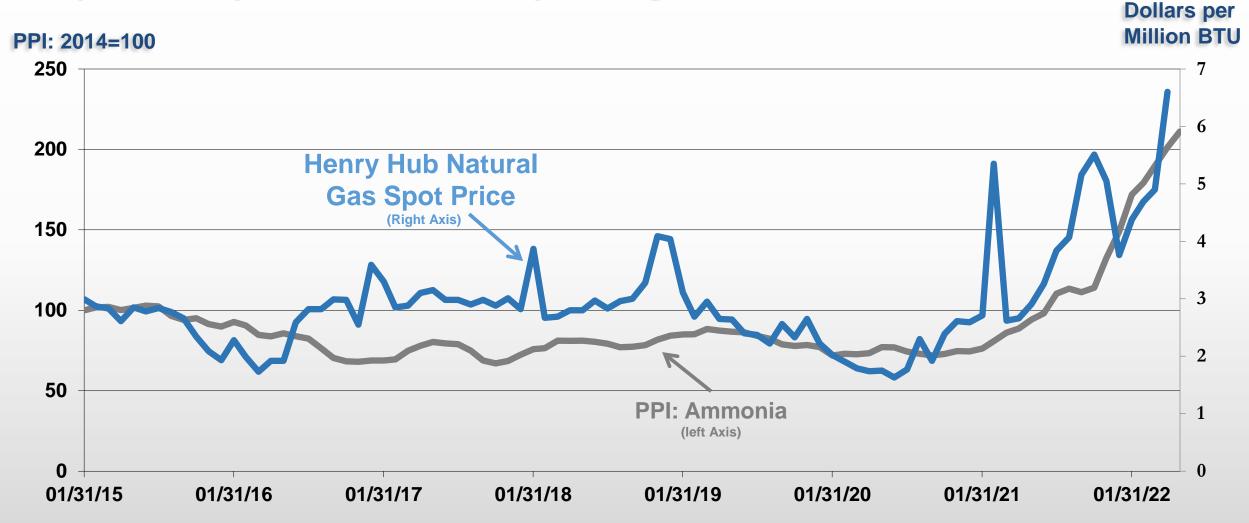
Source: PCA







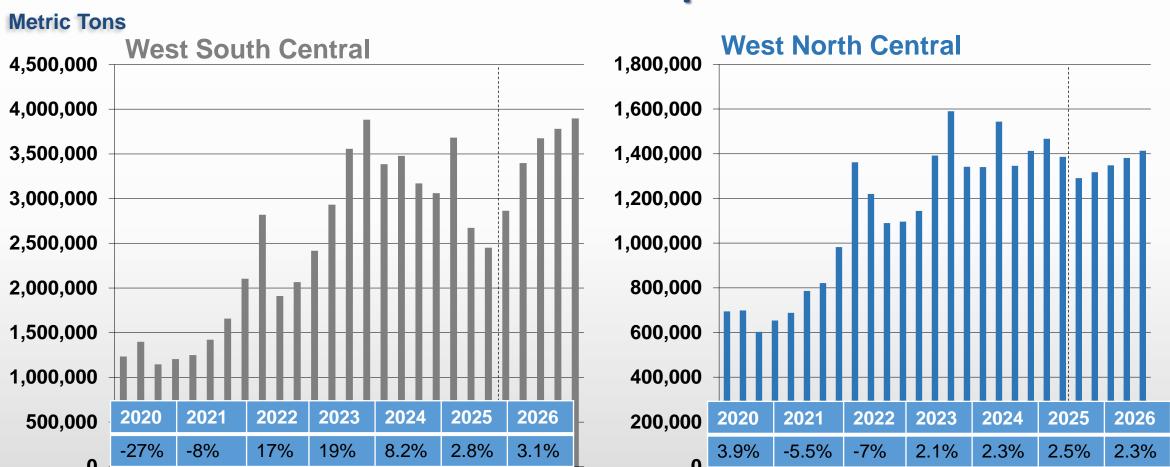
Input cost pressures are impacting fertilizer cost



Source: BLS, EIA



Non-Commercial Cement Consumption – Central U.S.



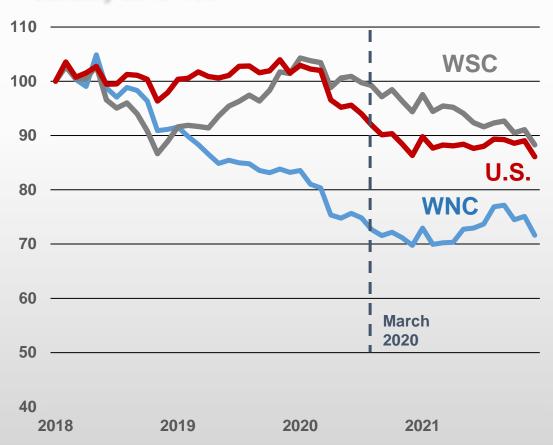
Source: PCA



Commercial Sector Construction Spend

Put-In-Place Construction

January 2018=100



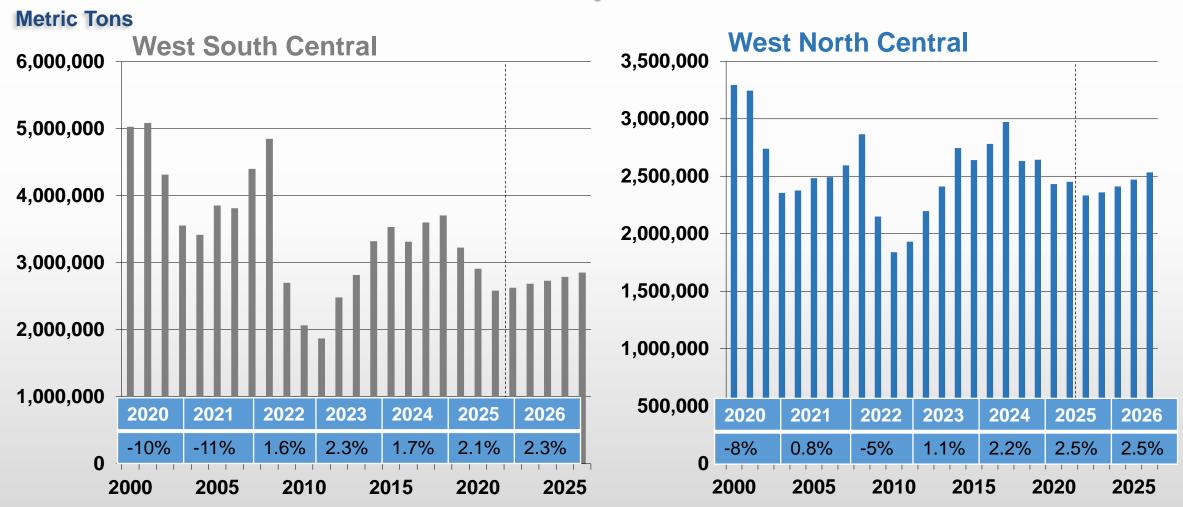
Central Region (WNC+WSC)

Category 2021 Trend
Total NR -5.4% Amusement -14.8% Commercial/Retail Education -11.7% Hospitals -4.6% Industrial 18.6% Lodging -40.8% Office -18.7% Utilities -21.6% Industrial -5.4%

Source: PCA



Commercial Cement Consumption – Central U.S.



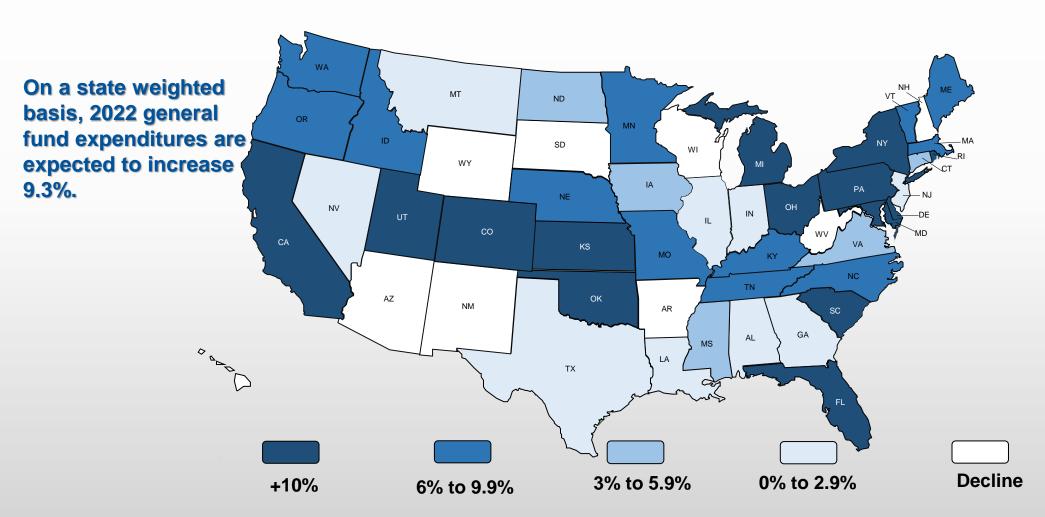
Source: PCA



Public Outlook

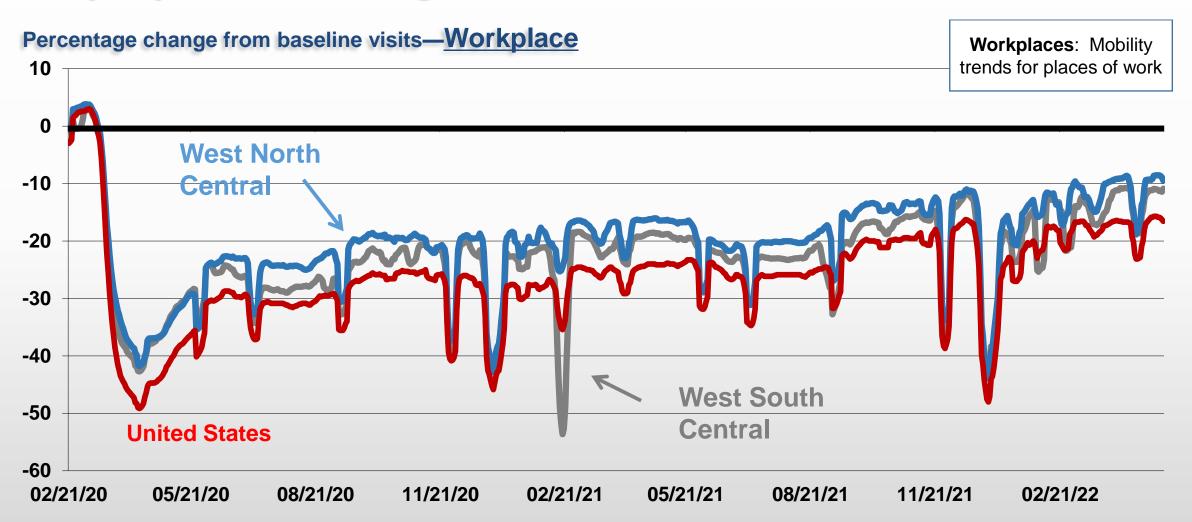


General Fund Percentage Expenditure Change – FY2022





Employees returning to Work



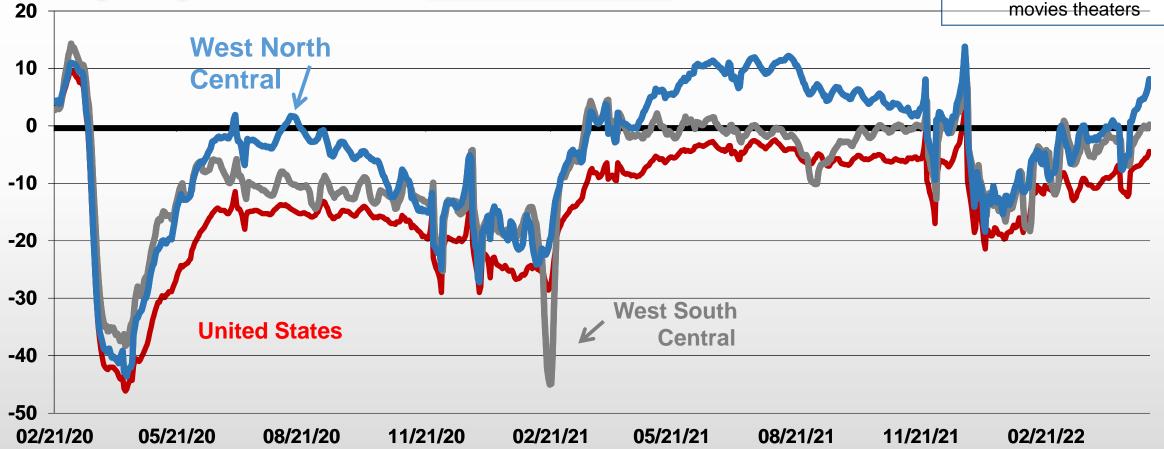
Source: Google Mobility Report, PCA



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

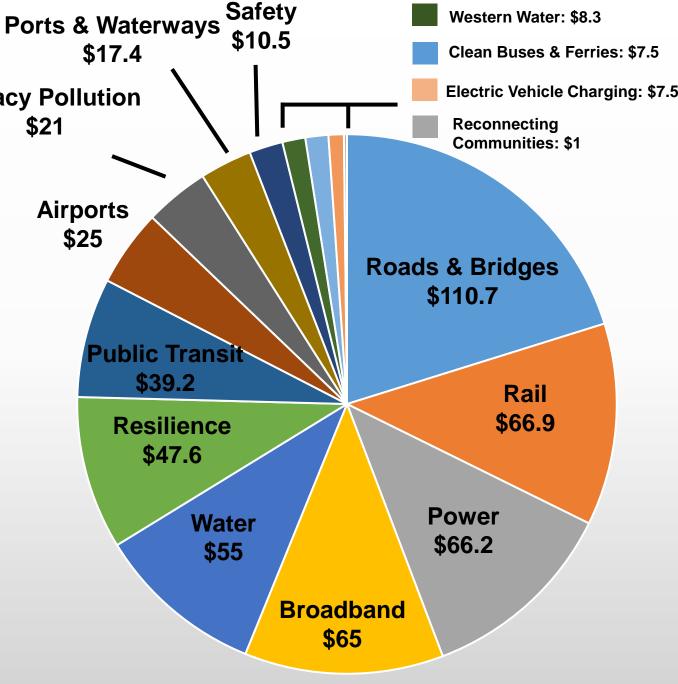


Source: Google Mobility Report, PCA



Infrastructure Package Legacy Pollution \$21

- Represents \$545 billion in new spending
- Bill reauthorizes current surface transportation bills (FAST Act, WRDA, FAA, etc.) at current levels for 5 years, which totals \$1.2 trillion
- Much less in dollar size than previous proposals but heavier emphasis on traditional infrastructure





Infrastructure Timing Distribution Highway & Bridges

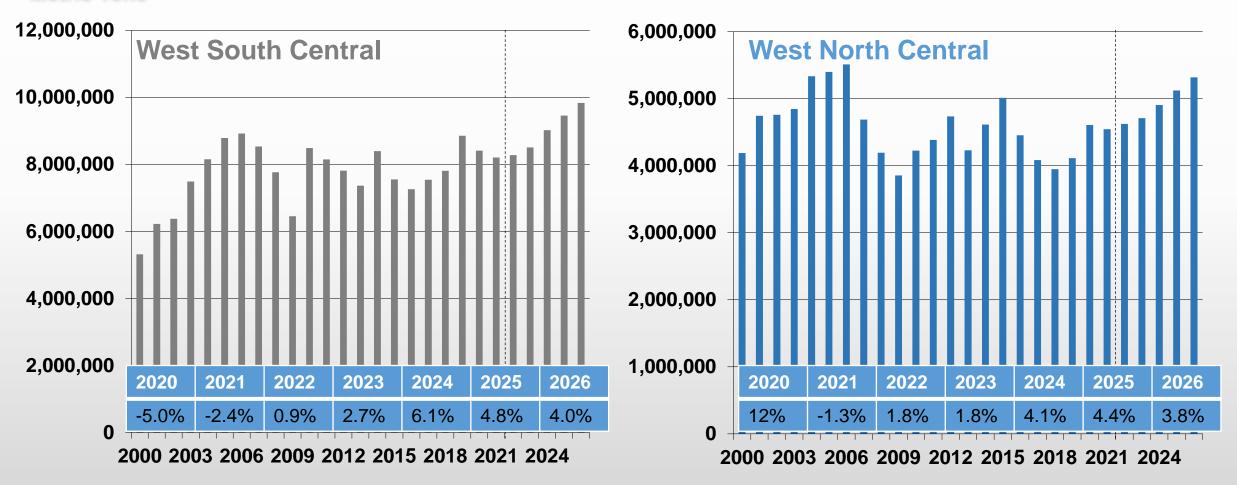
Process repeated across all

	Spending Allocation Billion \$	Fiscal Year Spending				construction segments that are impacted by the Infrastructure Program	
		2023 Year 1	2024 Year 2	2025 Year 3	2026 Year 4	Total Spent	Total Spent
2023	\$14	\$3	\$6	\$3	\$2	\$14	100%
2024	\$14	•	\$3	\$6	\$3	\$12	86%
2025	\$14			\$3	\$6	\$9	64%
2026	\$14				\$3	\$3	21%
Total Spending	\$70	\$3	\$9	\$12	\$14		



Public Cement Consumption – Interior U.S.

Metric Tons

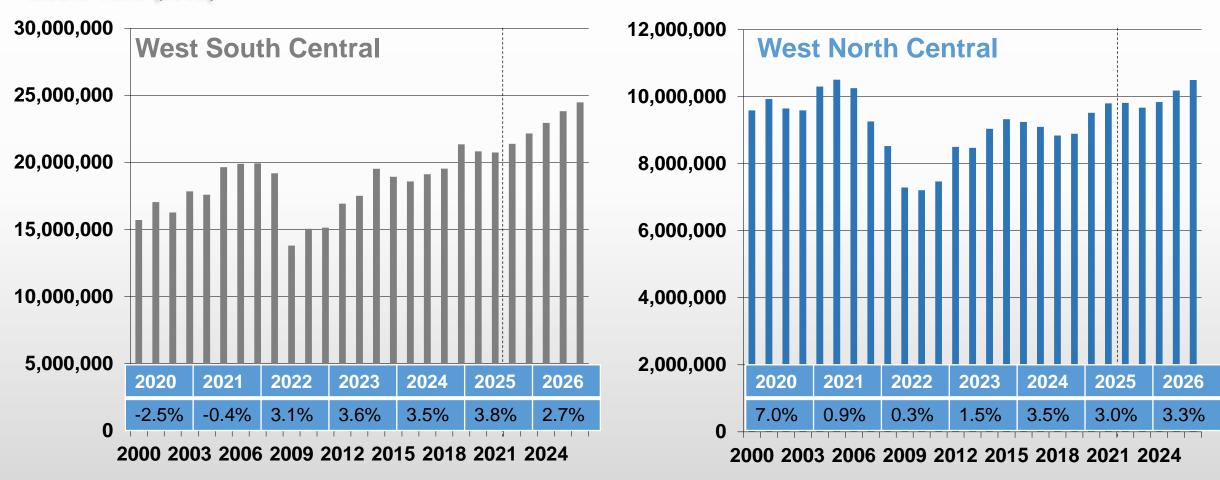


Source: PCA 34



Total Cement Consumption – Interior U.S.

Metric Tons (000s)



Source: PCA 35

