

The logo for PCA (Portland Cement Association) features the letters 'PCA' in a bold, white, sans-serif font. A white swoosh underline starts under the 'A' and extends to the right, ending with a registered trademark symbol (®).

PCA®

Since 1916

America's Cement Manufacturers™

Regional Update

Dave Zwicke, Sr. Director & Regional Economist

April 2021


Potential Changes to Spring Regional Outlook

Total cement consumption based on sum of states, Winter 2020/21 vs. upcoming Spring 2021

	2021	2022	2023	2024	2025
Total Cement	↑	--	--	↓	↓
Residential Cement	↑	↑	↑	↑	--
Commercial Cement	↓	↓	↓	↓	↓
Oil Well Cement	--	--	↑	↑	↑
Agriculture Cement	--	--	--	--	--
Public Cement	--	--	--	↓	↓

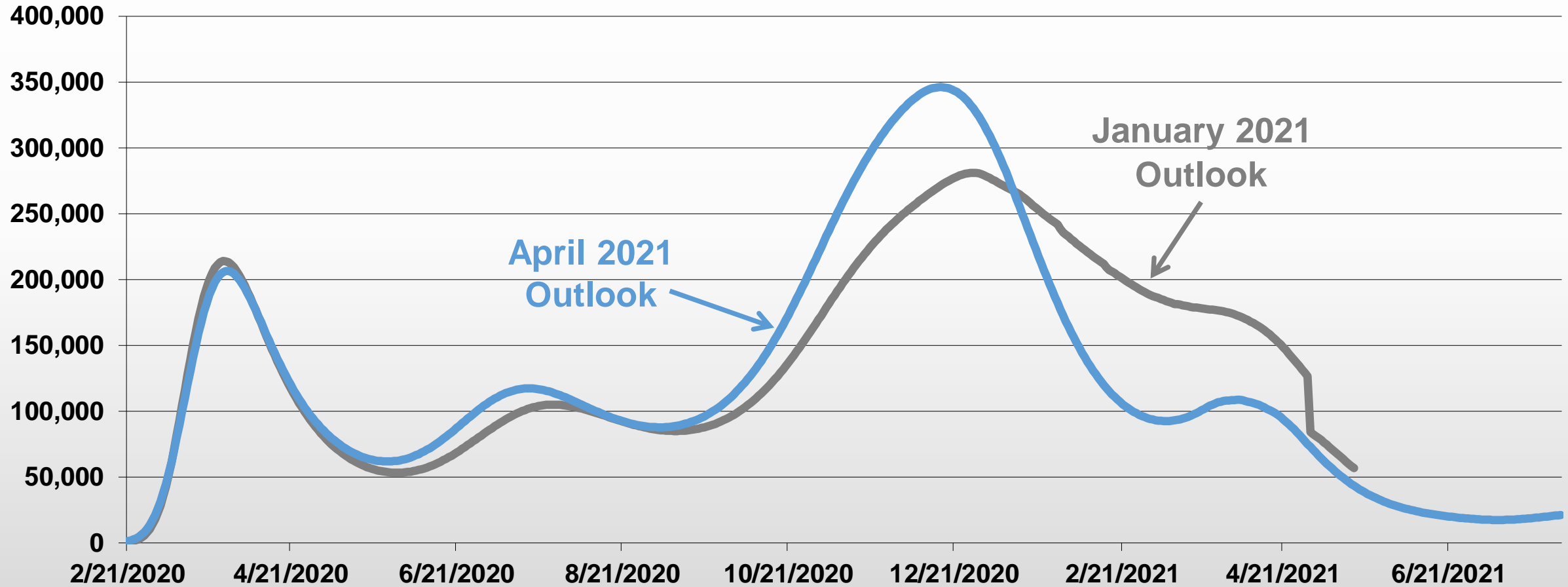
 Upward Revision

-- No material Change

 Downward Revision

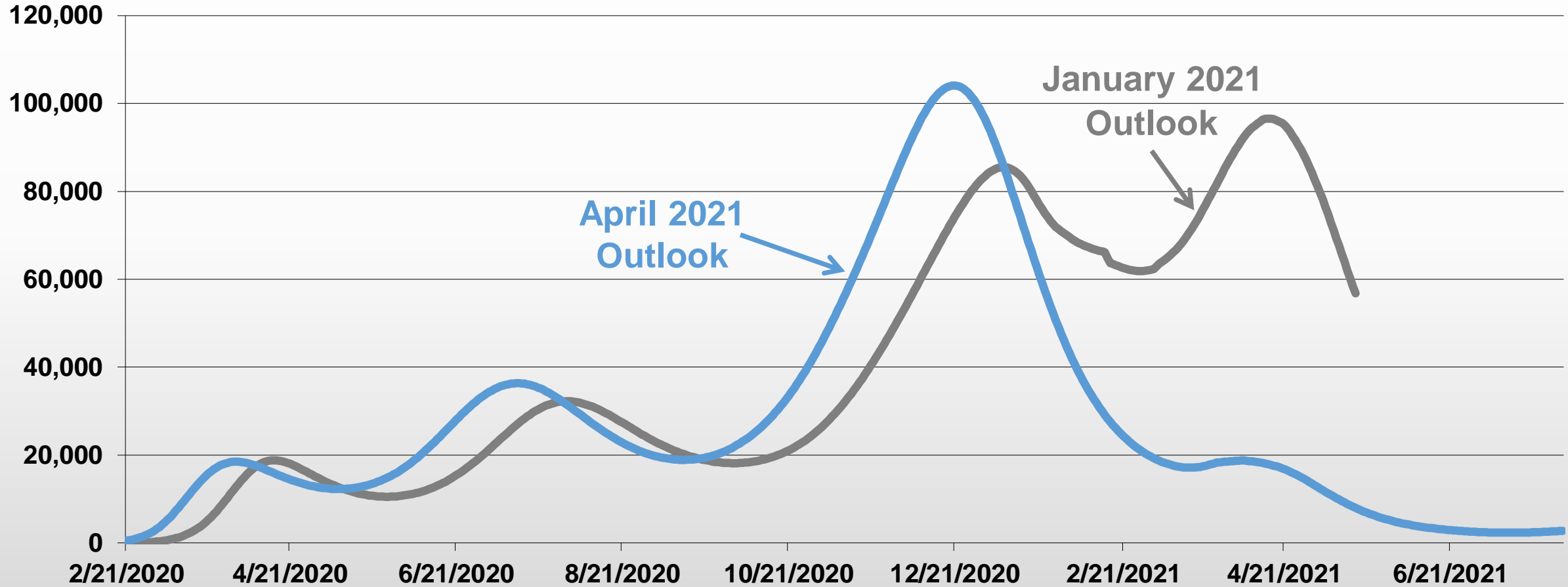
Based on IHME's
reported
estimated
infections

IHME Daily Infection – United States



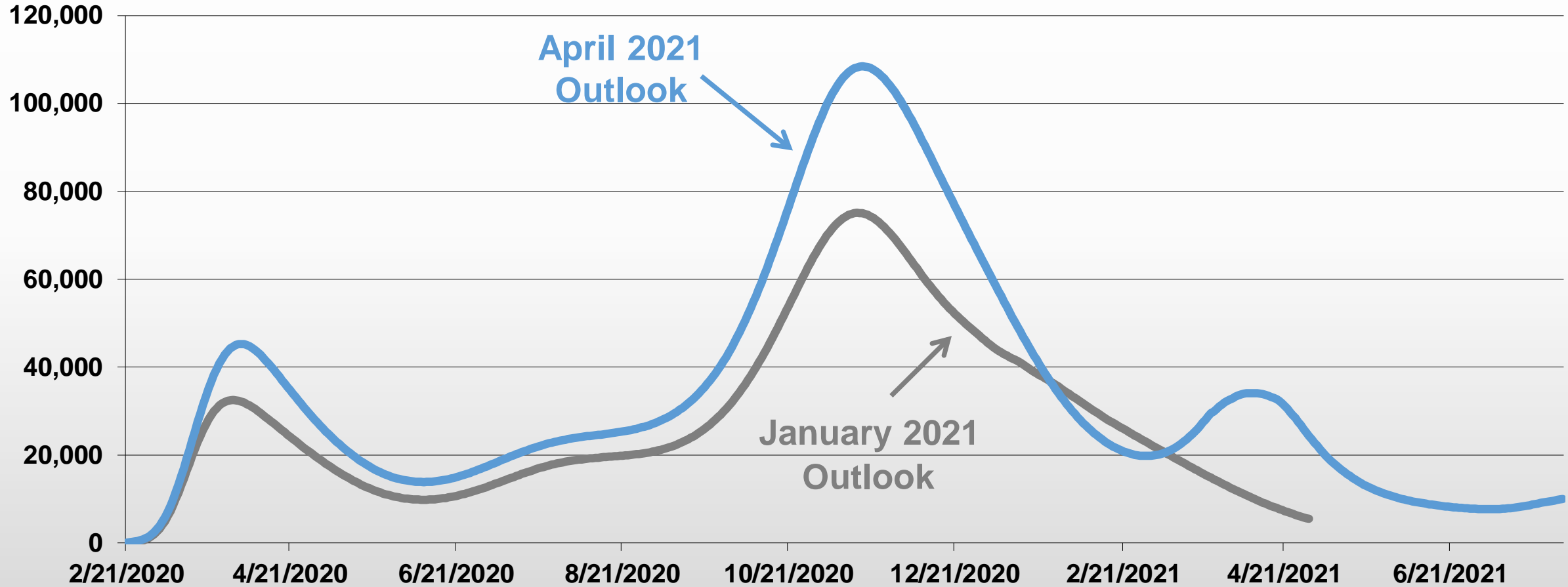
Based on IHME's
reported
estimated
infections

IHME Daily Infection – West Census Region



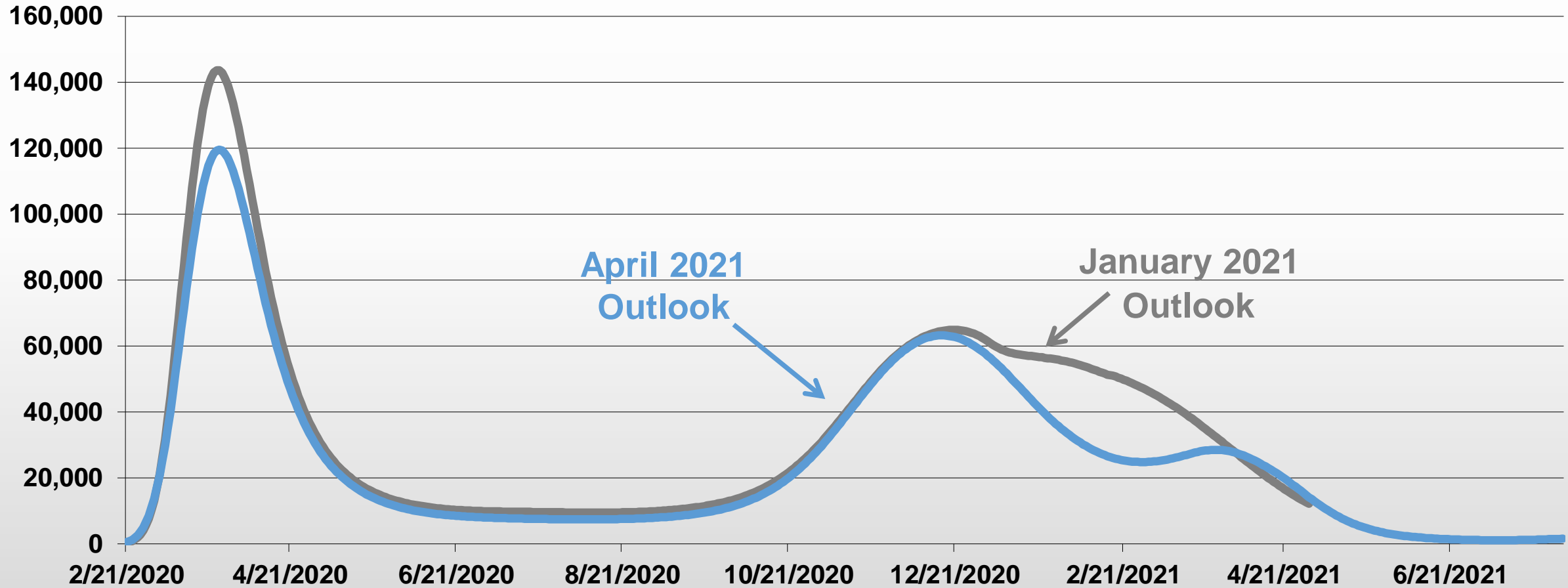
Based on IHME's
reported
estimated
infections

IHME Daily Infection – Midwest Census Region



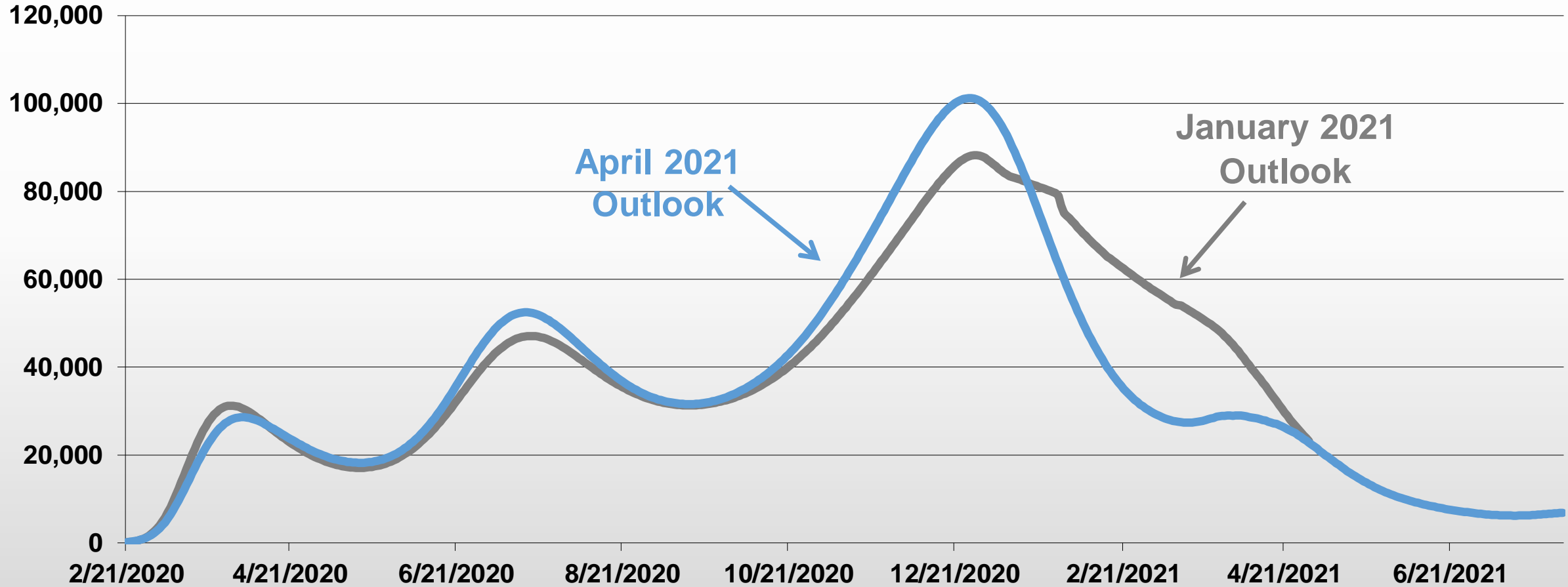
Based on IHME's
reported
estimated
infections

IHME Daily Infection – Northeast Census Region



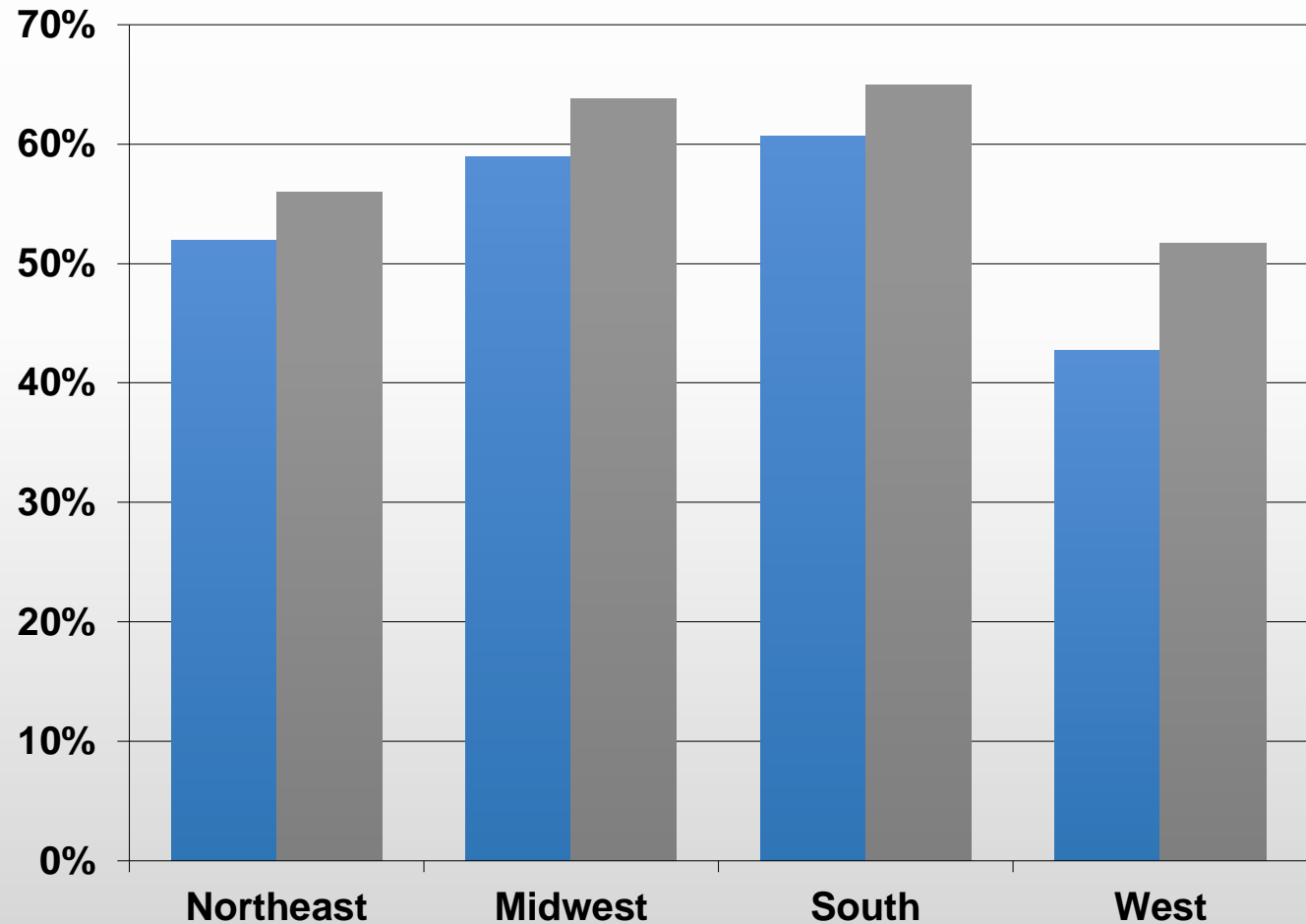
Based on IHME's
reported
estimated
infections

IHME Daily Infection – South Census Region




Share of Jobs Recovered

Job growth as share of total losses from the COVID recession trough



- Employment recovery remains on track.
- Job growth will likely exceed January expectations given higher than anticipated vaccine rollout.
- Job recovery in West is improving at twice the national rate in recent months – however, from a lower base.


Through January


Through March

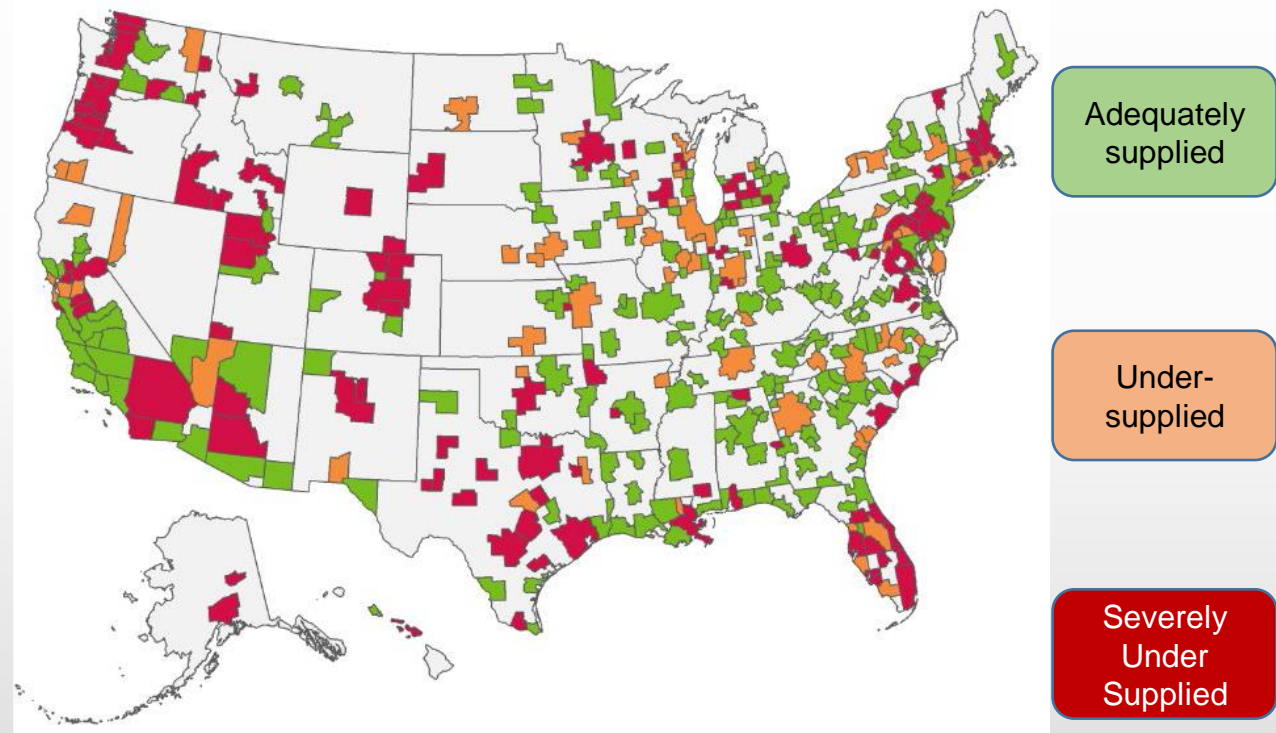
Housing Market Remains Very Tight

Months Supply of existing homes on market



Source: NAR

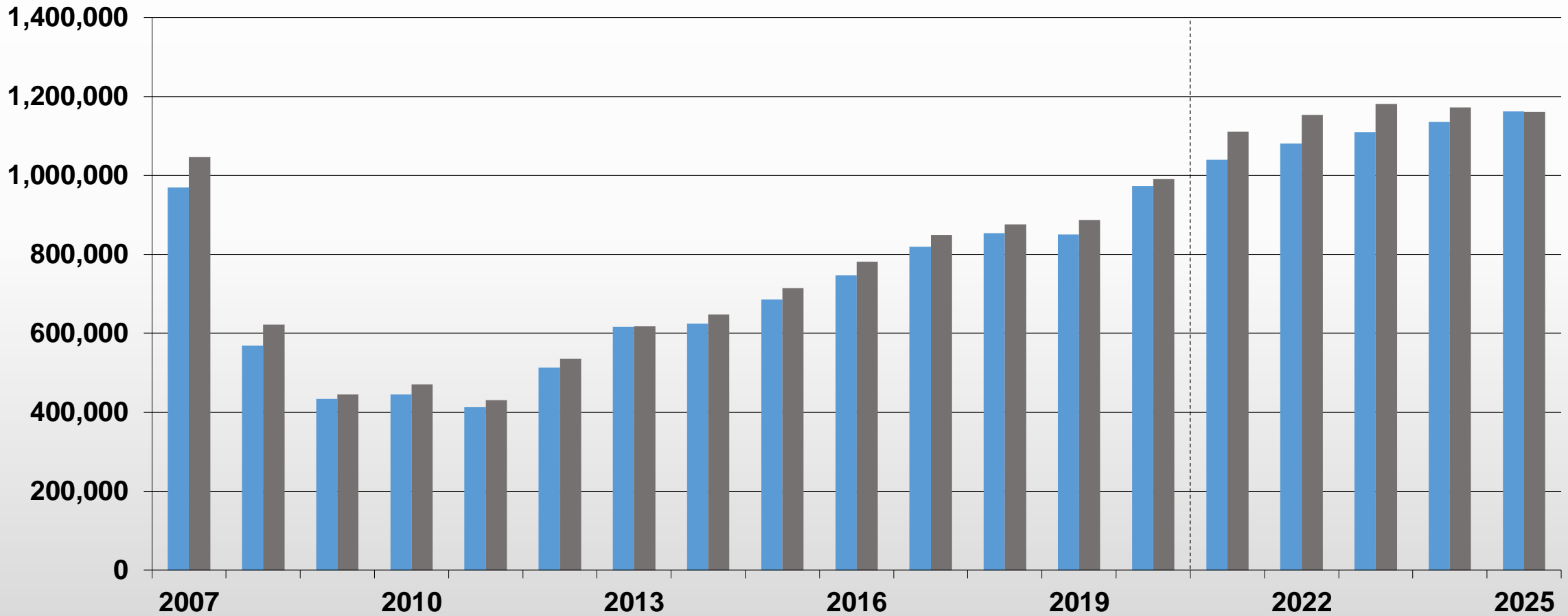
Regional housing supply



Source: Census Bureau, Moody's Analytics

Single Family Housing Starts Vs. Permits

units



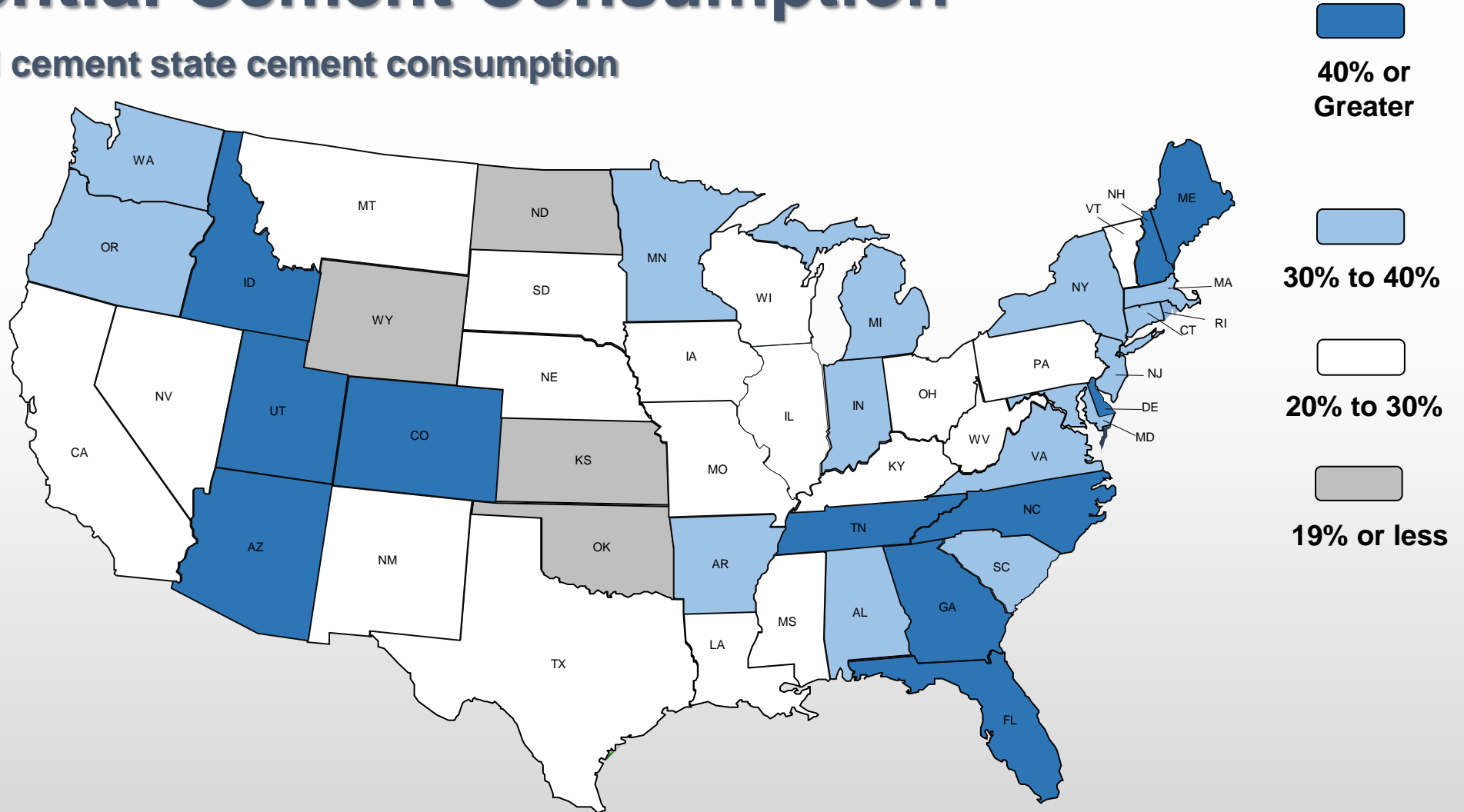
Source: PCA, U.S. Census

Housing Permits

Housing Starts

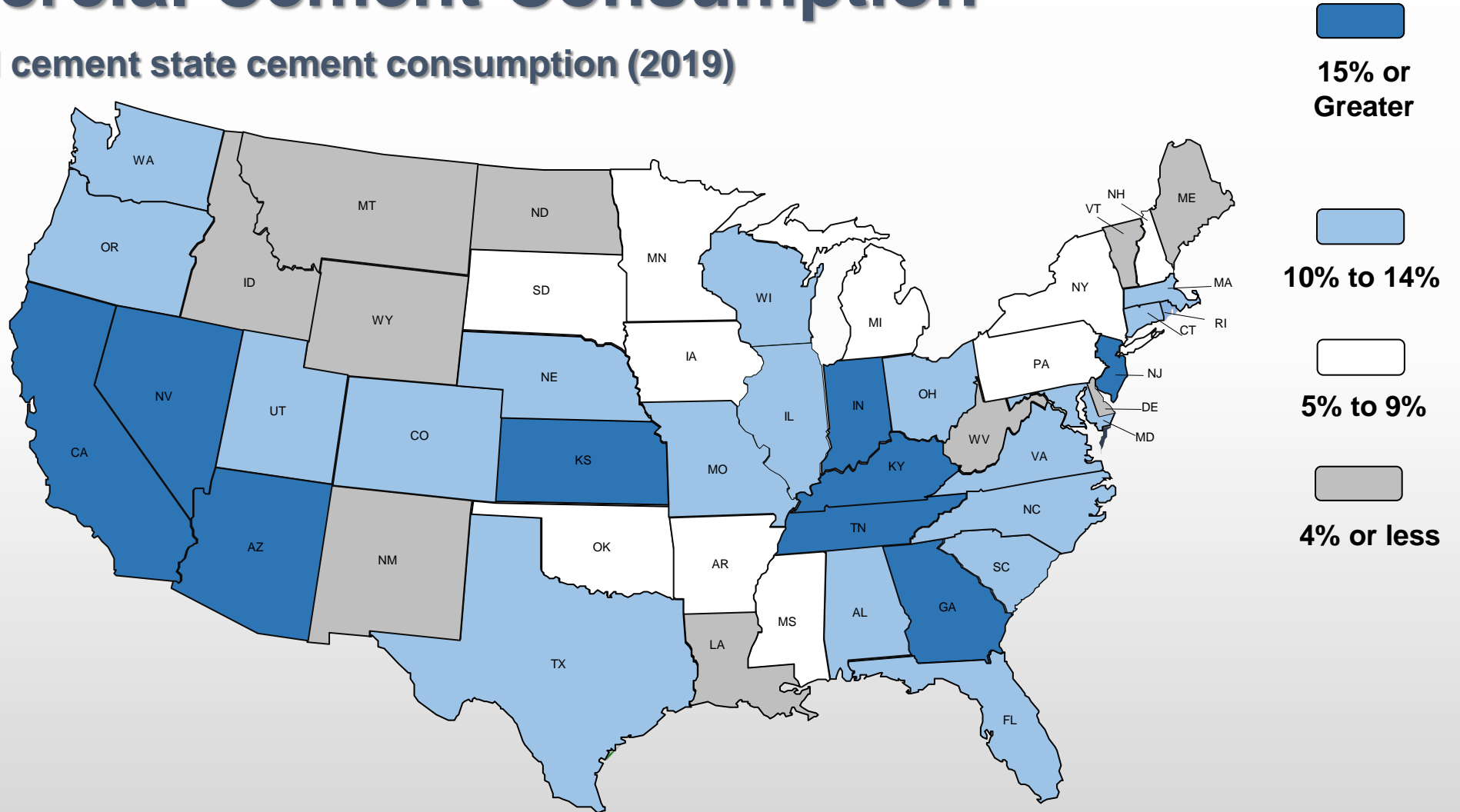
Residential Cement Consumption

Share of total cement state cement consumption



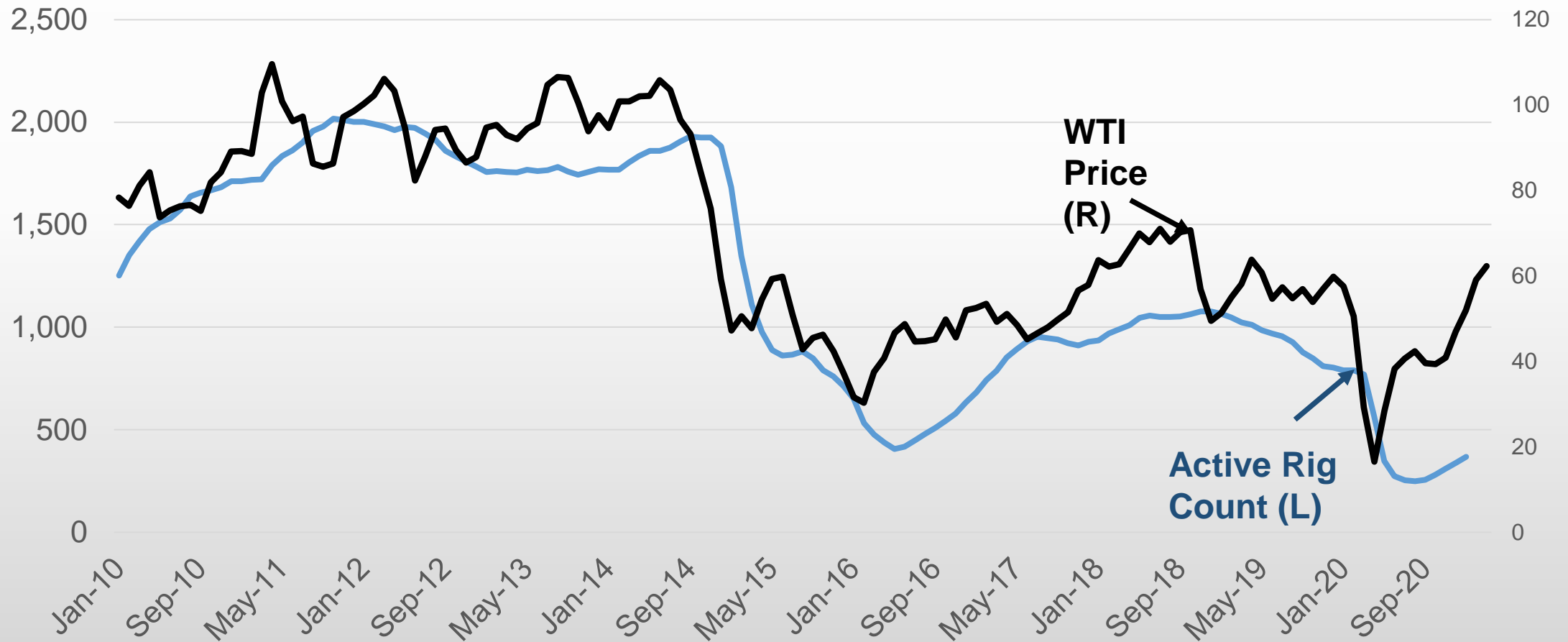
Commercial Cement Consumption

Share of total cement state cement consumption (2019)



Oil & Gas Drilling Continues as a Regional Concern

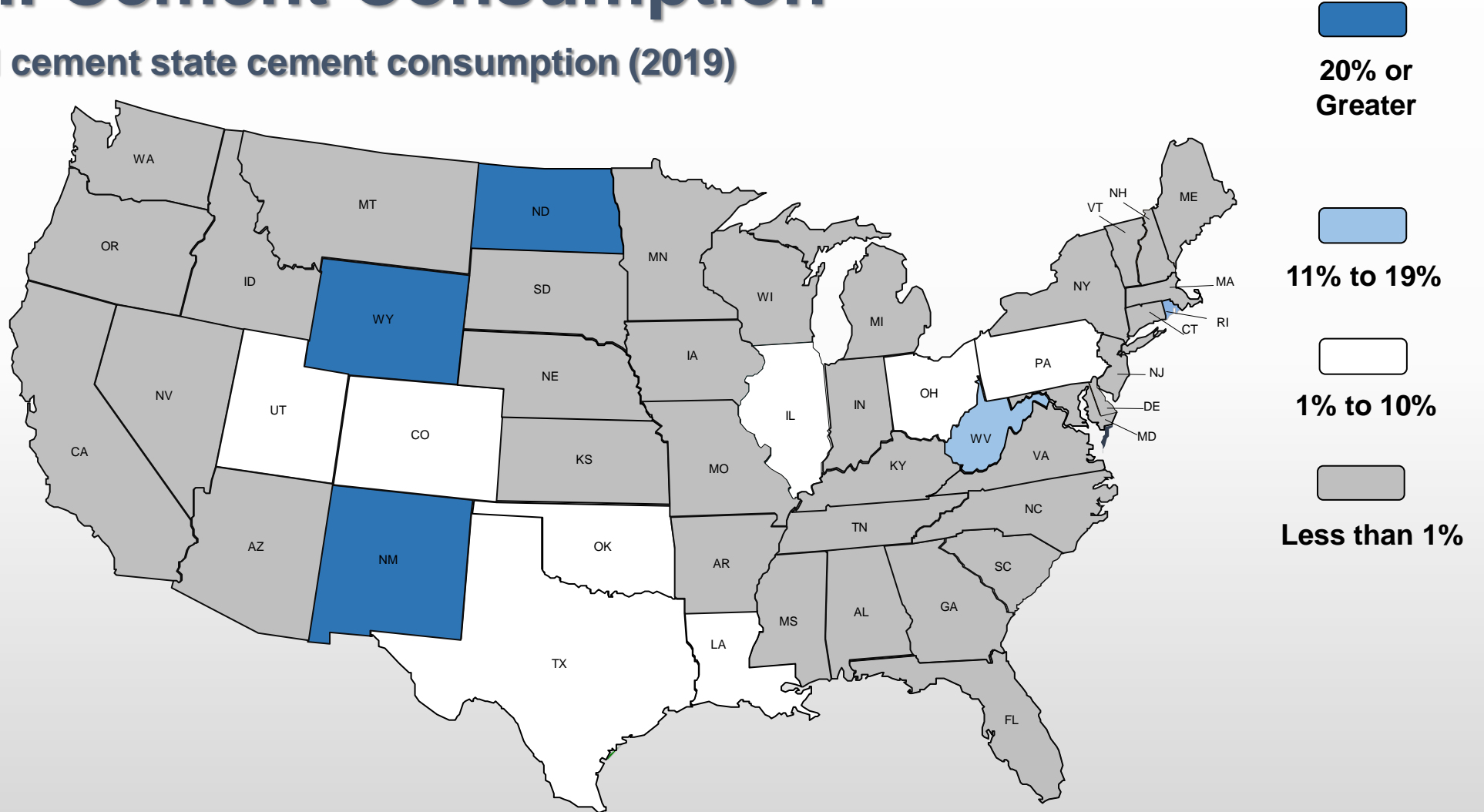
2Q Moving Average



Source: Baker Hughes Incorporated, EIA

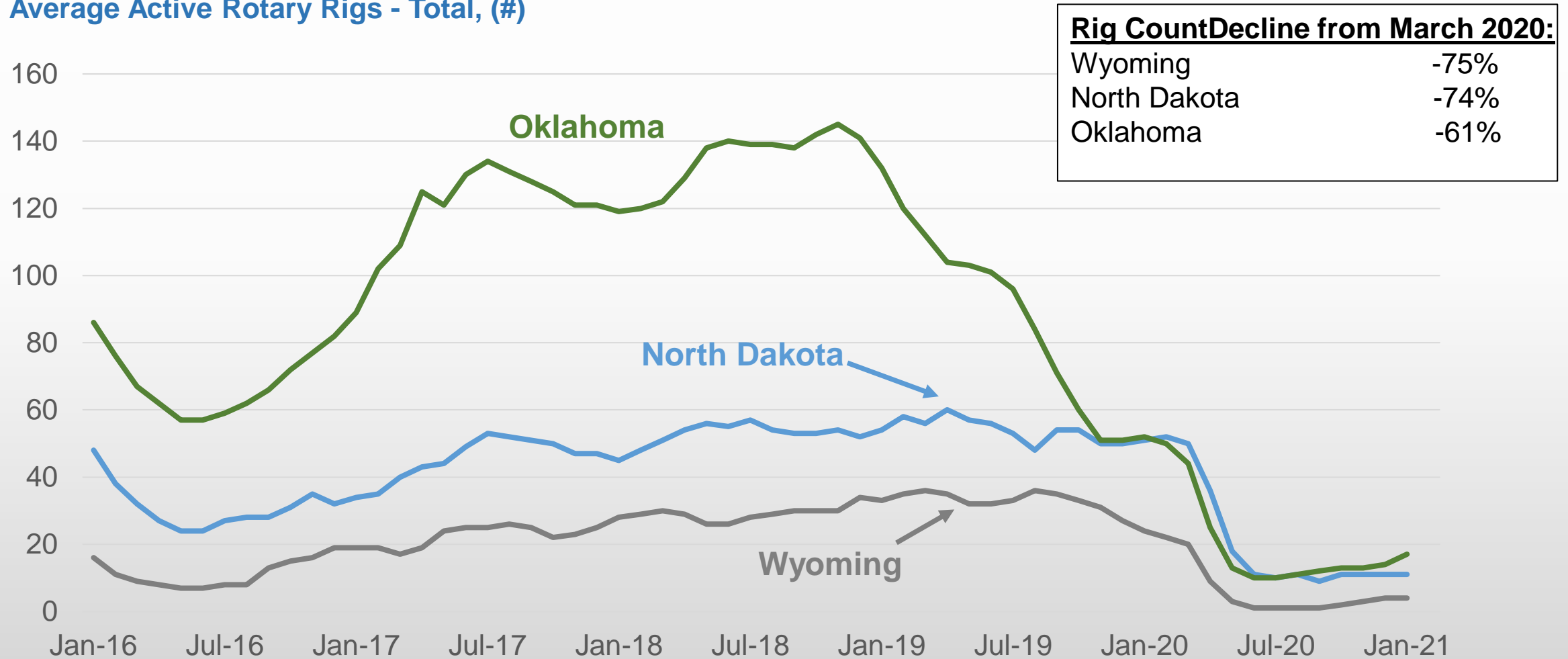
Oil Well Cement Consumption

Share of total cement state cement consumption (2019)



Oil & Gas Drilling remain a Regional Concern

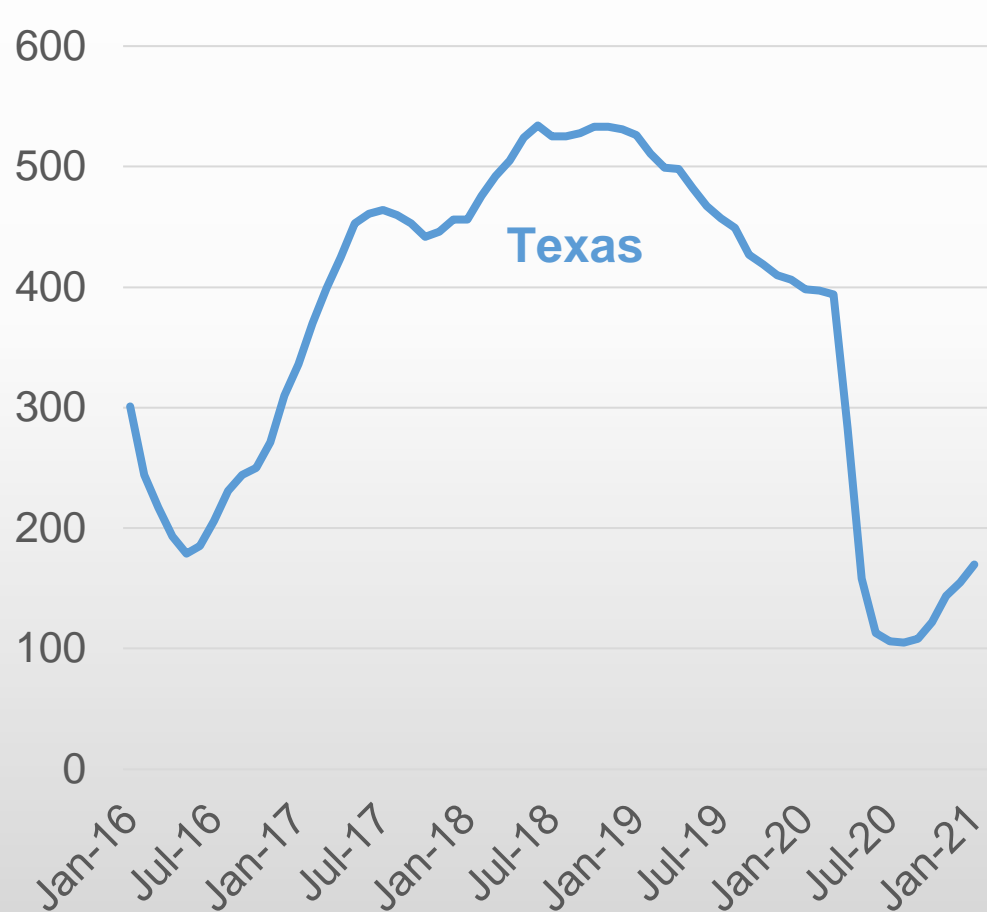
Average Active Rotary Rigs - Total, (#)



Source: Baker Hughes Incorporated, EIA

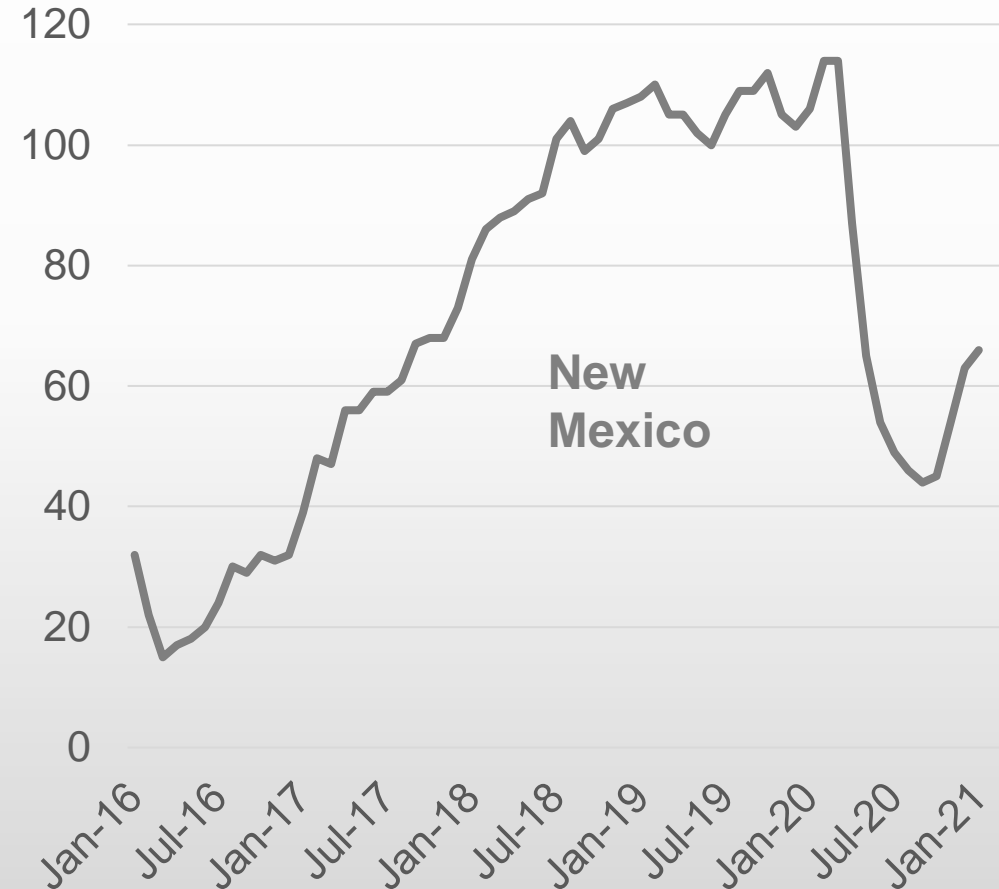
Oil & Gas Drilling Outlook Improving

Average Active Rotary Rigs - Total, (#)



Percent Change from March 2020

	Trough	Current
Texas	-74%	-48%
New Mexico	-61%	-44%

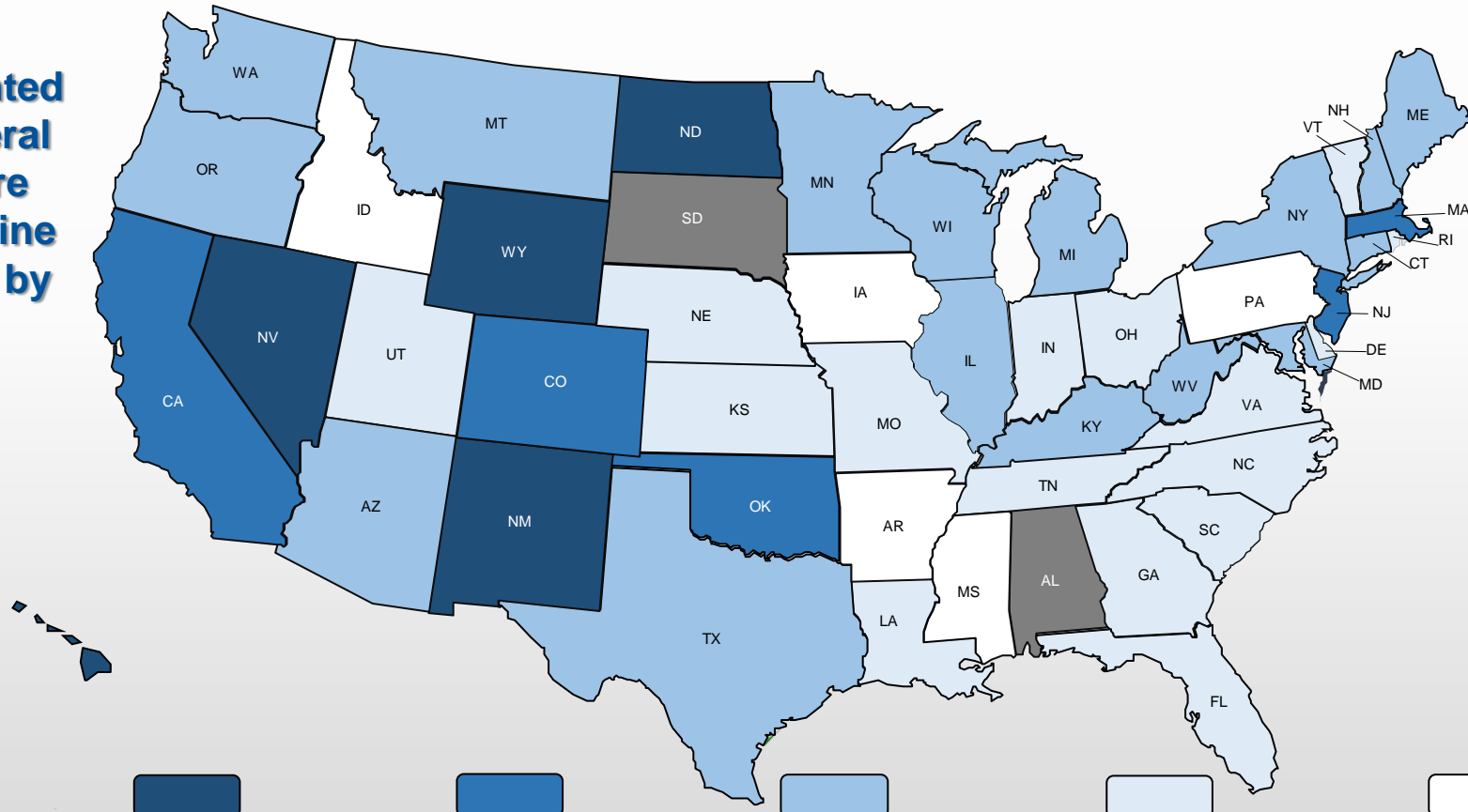


Source: Baker Hughes Incorporated, EIA

State Funding – FY2021

Percent Declines in General Fund Tax Revenues from Pre-COVID Levels (Preliminary)

On a state weighted basis, 2021 general fund revenues are expected to decline 13% as reported by state agencies



States with high exposure to oil & tourism revenues are at most risk

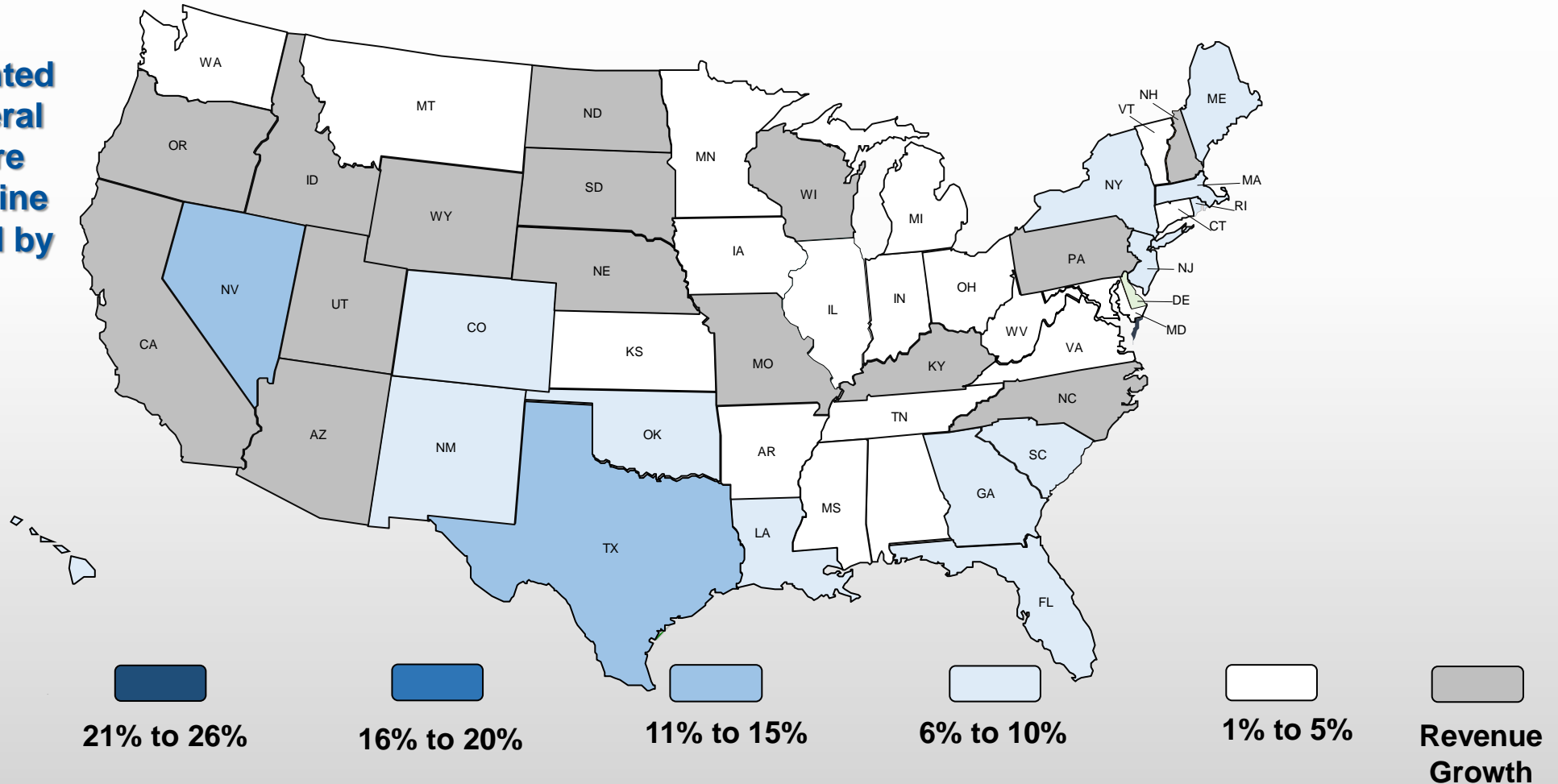
Last updated August 24th from reports ranging between April through August.



State Funding – FY2021

Percent Declines in General Fund Tax Revenues from Pre-COVID Levels

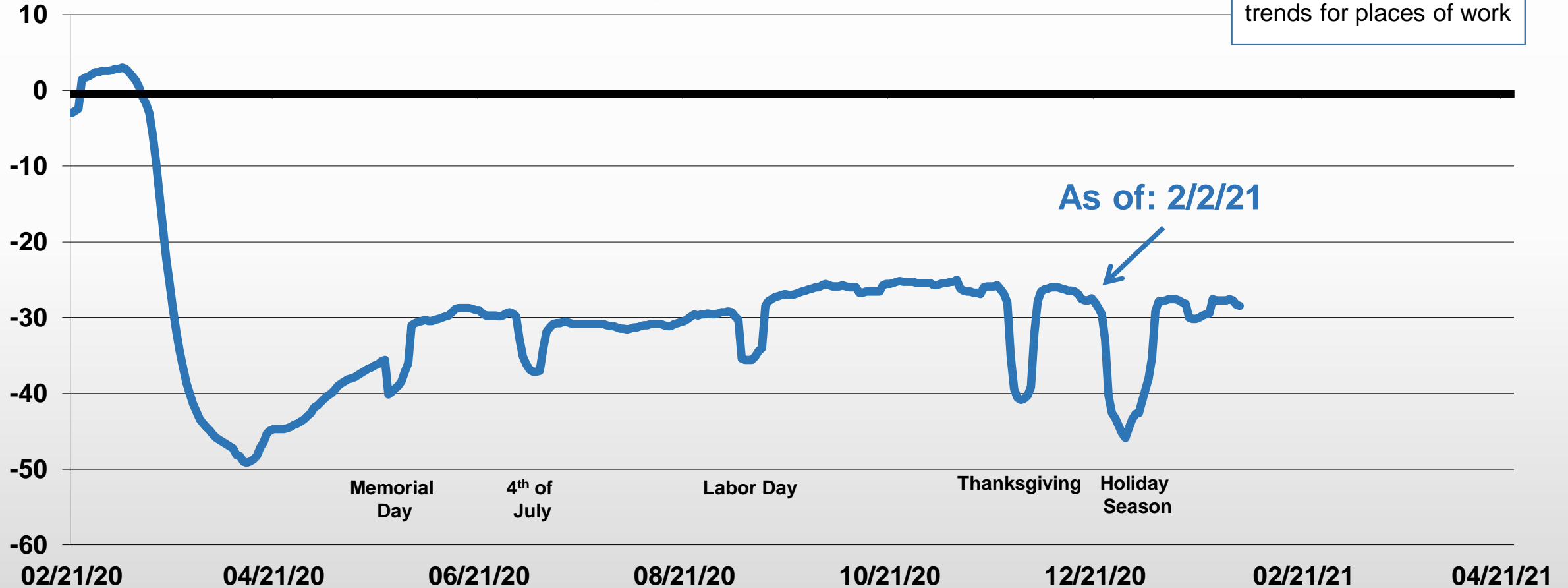
On a state weighted basis, 2021 general fund revenues are expected to decline 3.3% as reported by state agencies



Employees returning to Work: U.S.

Percentage change from baseline visits—Workplace

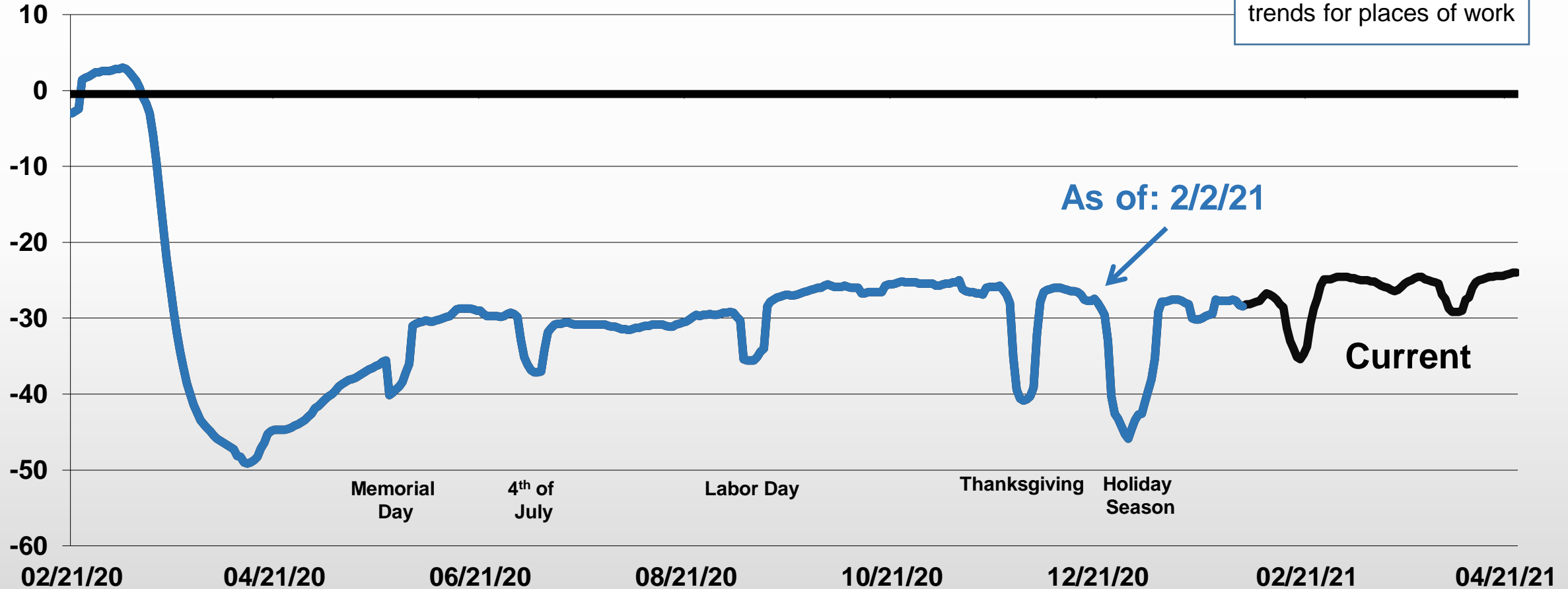
Workplaces: Mobility trends for places of work



Employees returning to Work: U.S.

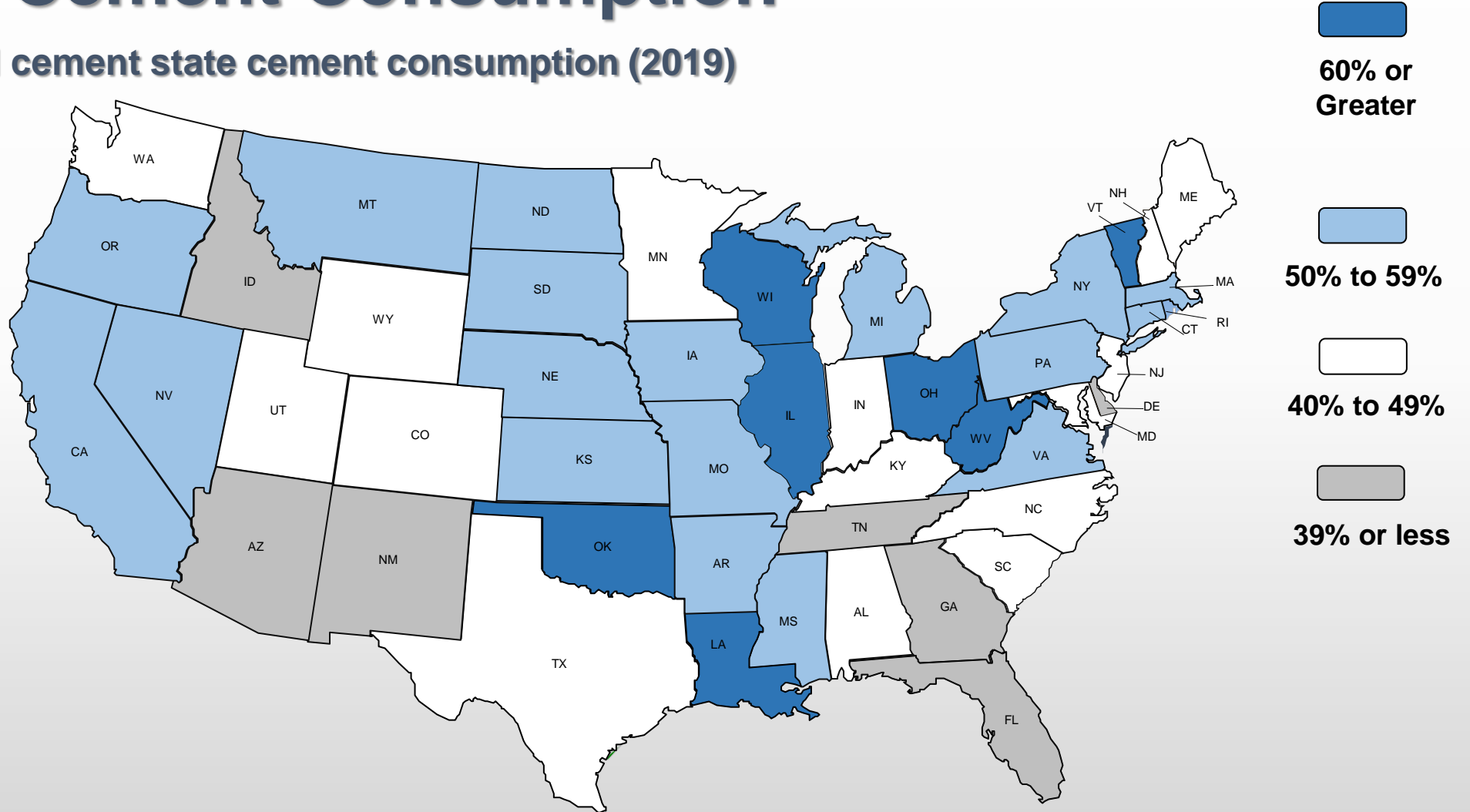
Percentage change from baseline visits—Workplace

Workplaces: Mobility trends for places of work



Public Cement Consumption

Share of total cement state cement consumption (2019)



The logo for PCA (Portland Cement Association) features the letters 'PCA' in a bold, white, sans-serif font. A white swoosh underline starts under the 'A' and extends to the right, ending in a registered trademark symbol (®).

PCA®

Since 1916

America's Cement Manufacturers™

Regional Update

Dave Zwicke, Sr. Director & Regional Economist

April 2021