



California Aggregates – CalCIMA

Spring Thaw Safety Conference

February 8th, 2023

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Administrator for Mine Safety and Health Enforcement



The MSHA Mission

“to prevent death, illness, and injury from mining and promote safe and healthful workplaces for U.S. miners”



MSHA Data for FY 2022

# of Mines Reporting Employment	12,659
- Coal Mines Only	991
- Metal/Nonmetal Mines Only	11,668
Total Employment	312,740
MSHA E01 Inspections Completed	19,433
Citations & Orders Issued	85,927



M/NM National & State Data for FY 2022

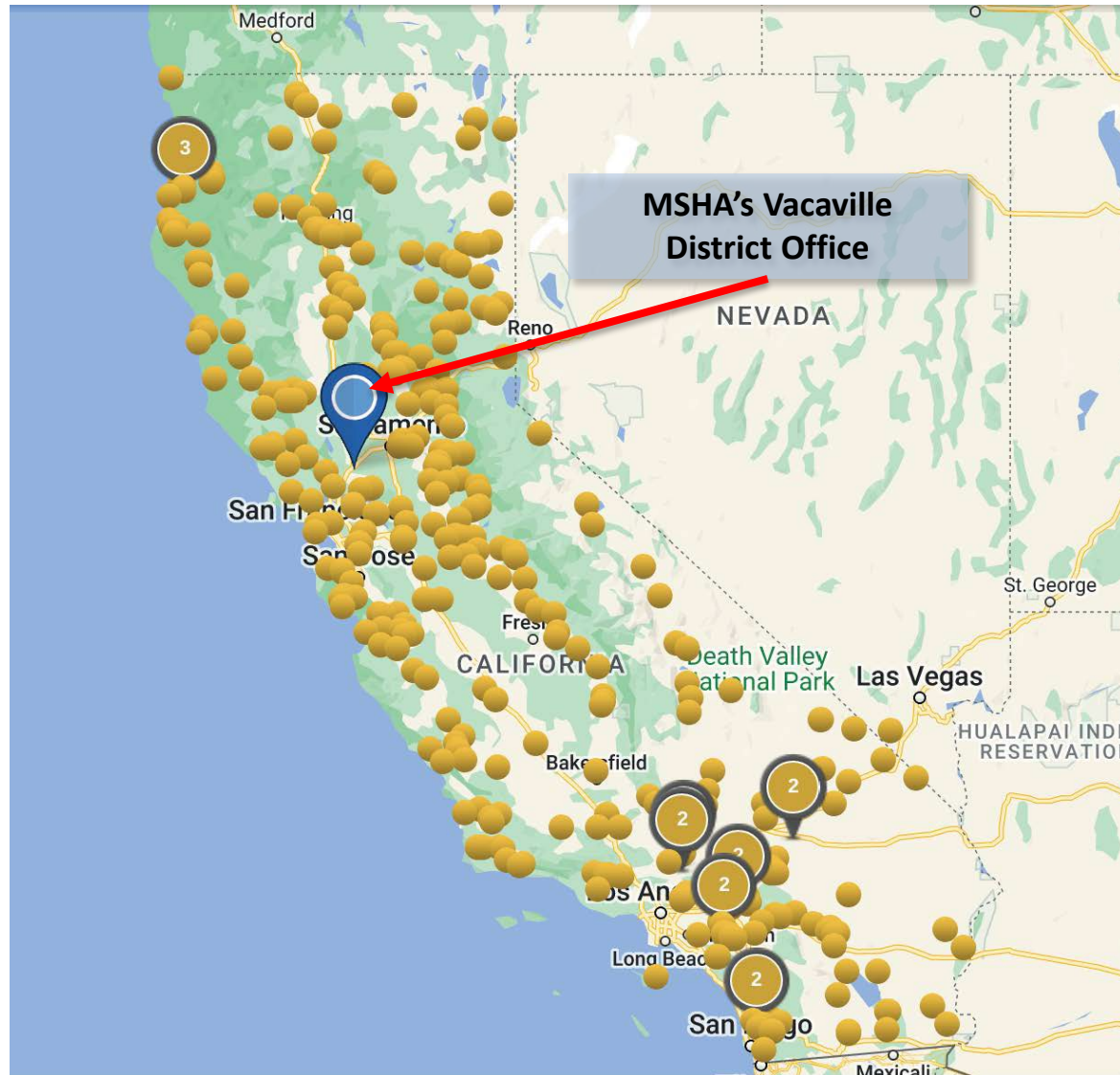
	California	National M/NM
No. of Mines Reporting Employment	442	11,668
Operator Employment *	8,528	173,923
MSHA E01 Inspections Completed	722	16,745
Citations & Orders Issued	2,373	51,279

**California does not report any coal mines. Therefore, the national comparison does not include any coal mines.

* State data reflects operator employment only (contractors do not report employment by state).



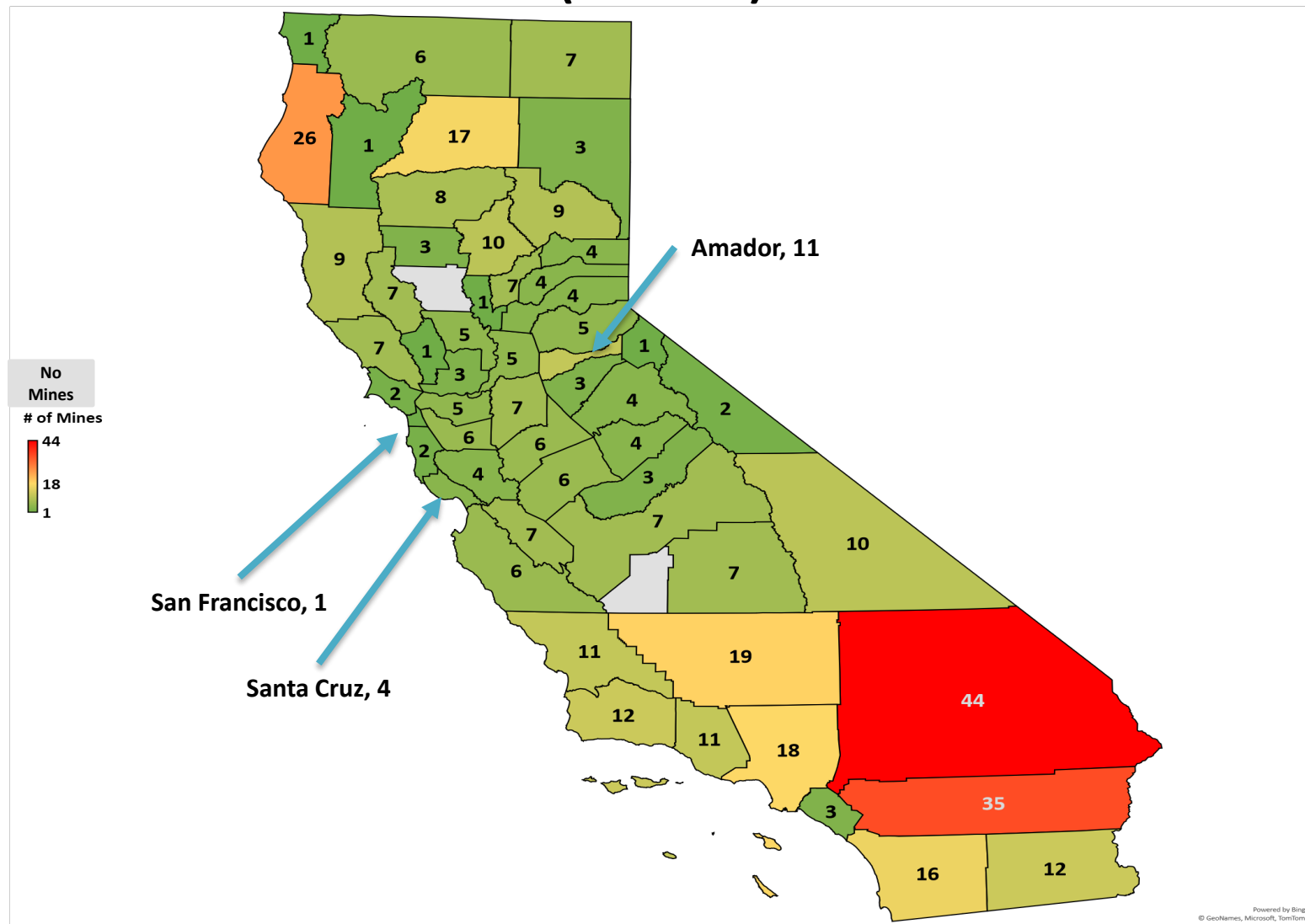
Mines In California



* Not all mines report enough geographical information to be included in the plot above. Additionally, some mines have the same geographical information.



Mining in California by County (FY 2022)



*Reflects all mines reporting employment in FY 22.

No Operator Employment

Operator Employment

1,739

2

Marin, 21

San Francisco, 7

Alameda, 139

Santa Cruz, 26

San Benito, 149

Yuba, 112

Nevada, 37

Amador, 288

1,739

1,589

615

394

210

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424

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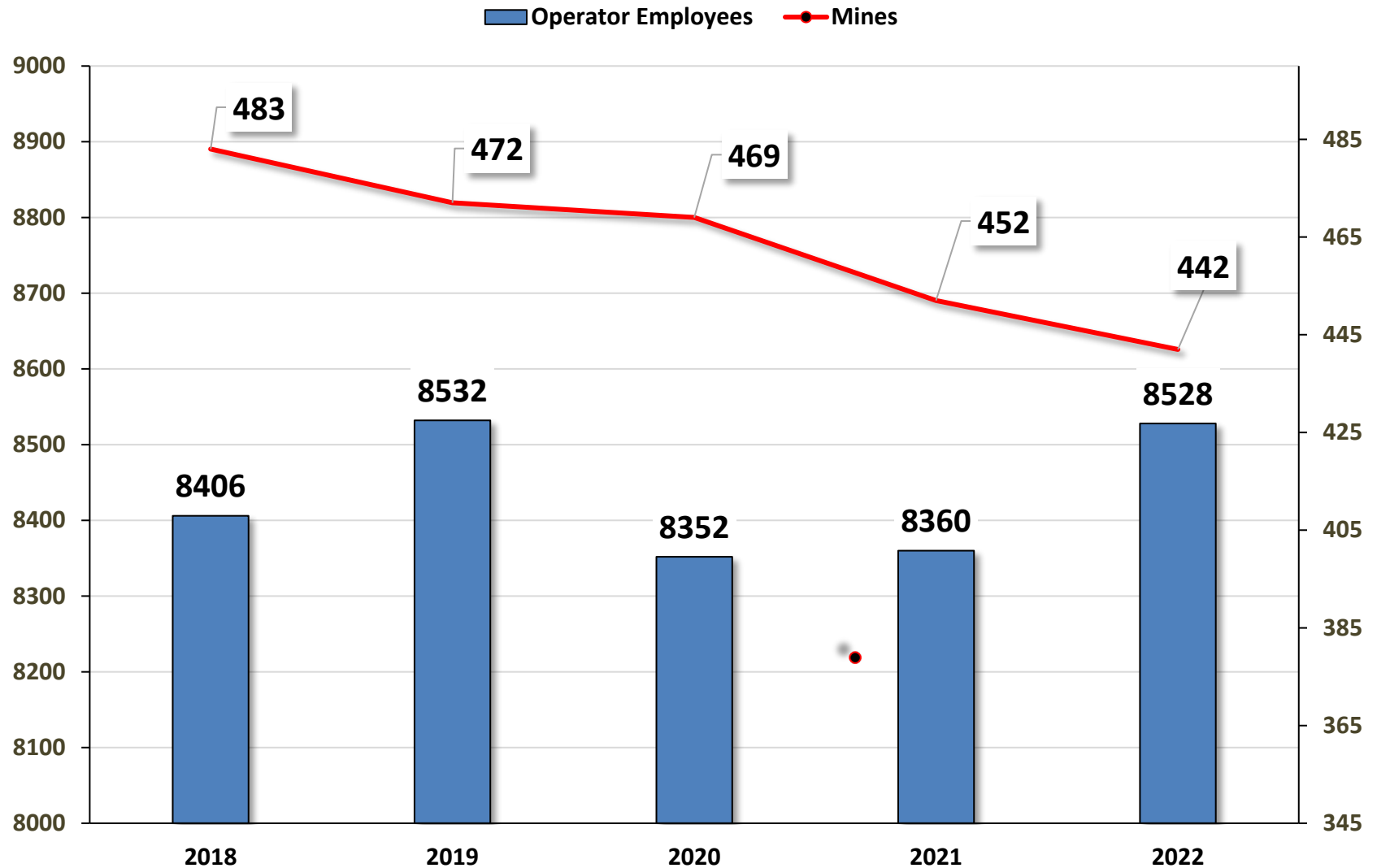
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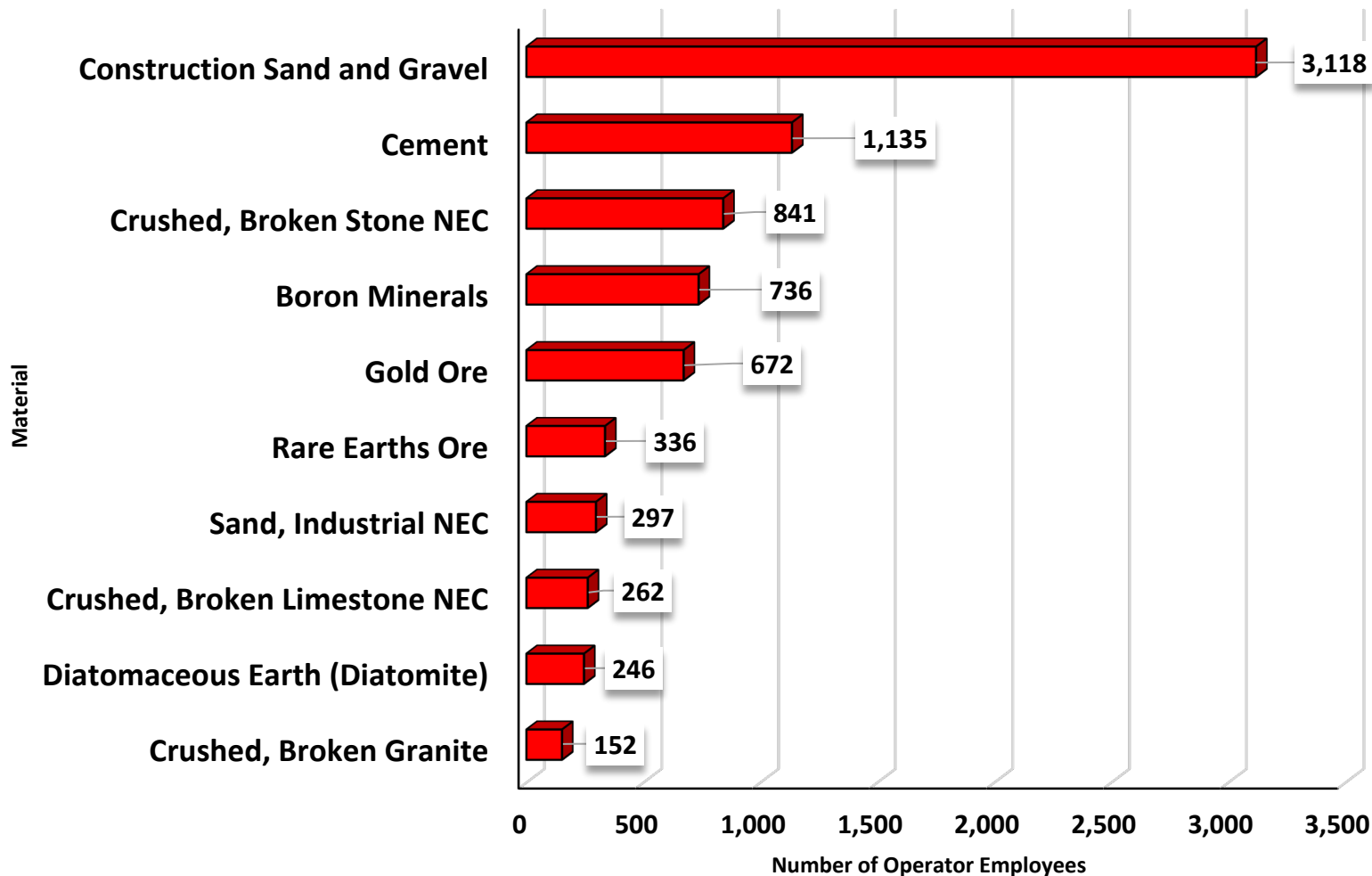
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California Operator Miners & Mines (FY 2018-2022)



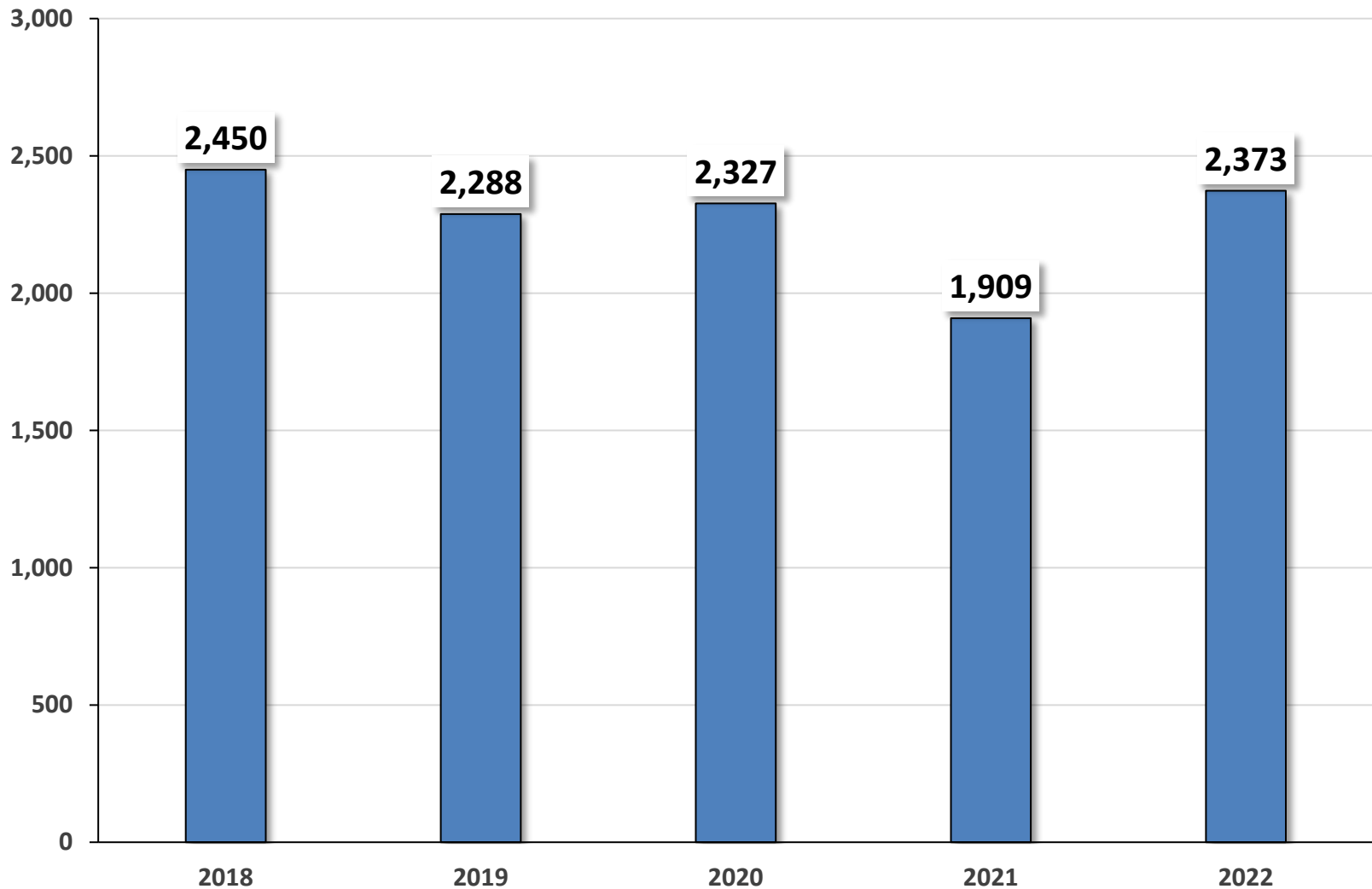
Top 10 Mined Materials in California By Employment (FY 2022)



Represents # of operator employees by material in FY 22. Contractor employment is not reported by material.



California Citations and Orders Issued (FY 2018-2022)

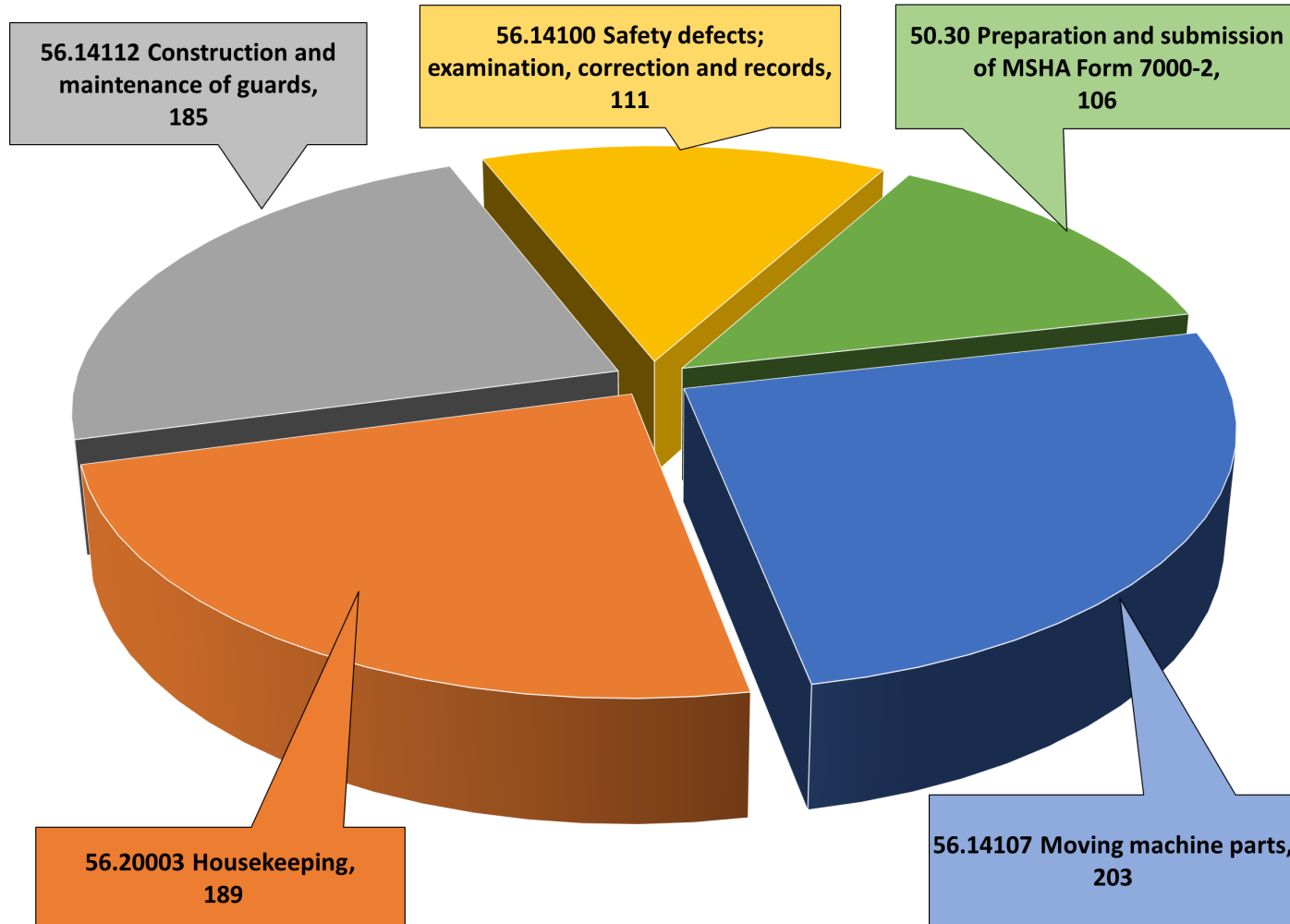


Represents all non-vacated citations and orders.



California's Top 5 CFR Standards Cited in FY 2022

Represents 33.5% of All Citations and Orders

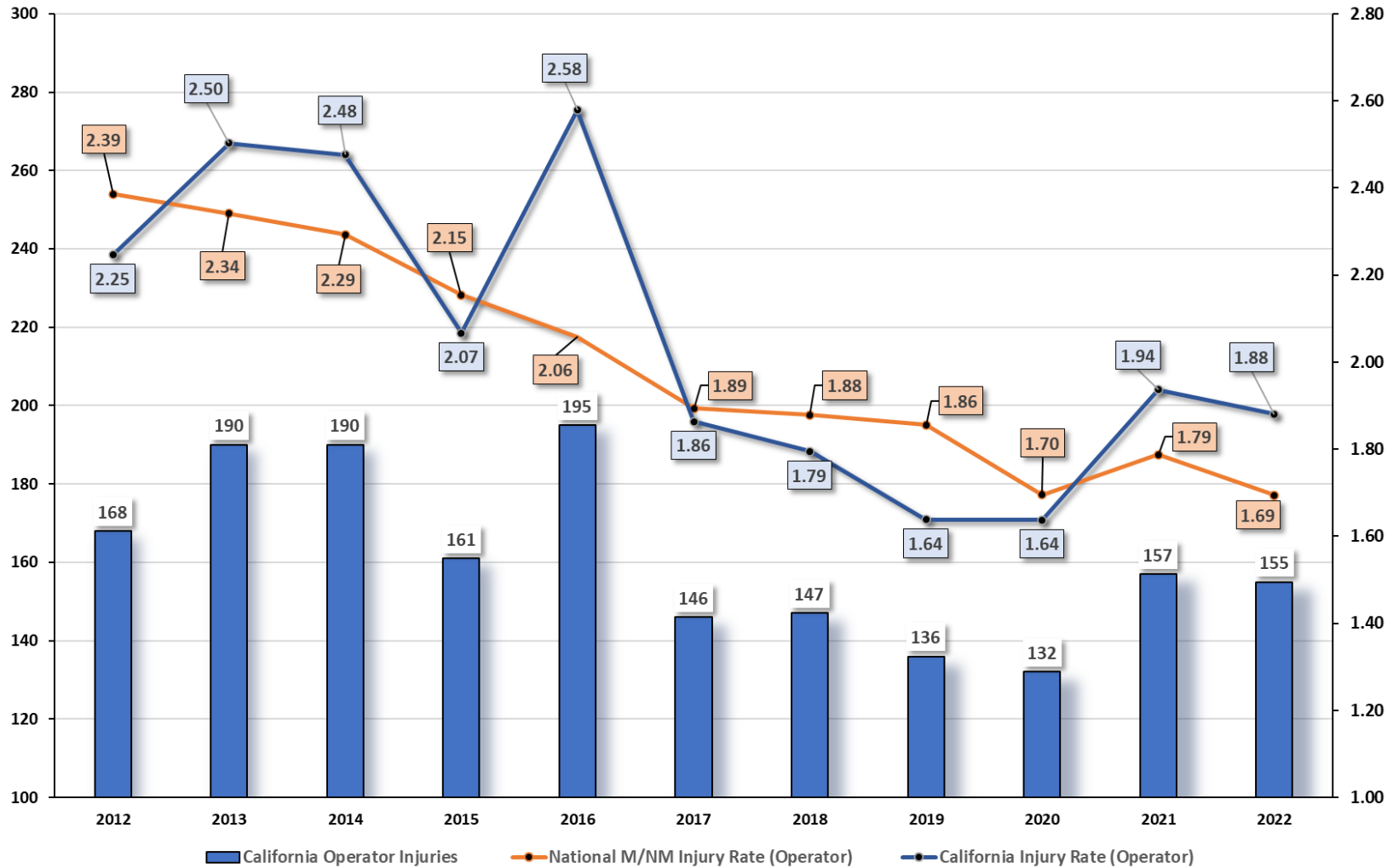


*Calculated as a count of citations and orders citing the main 30 CFR section (including subsections).



California Injuries and Rates: National Comparison (M/NM)

Operator Only
(CY 2012 – 2022)



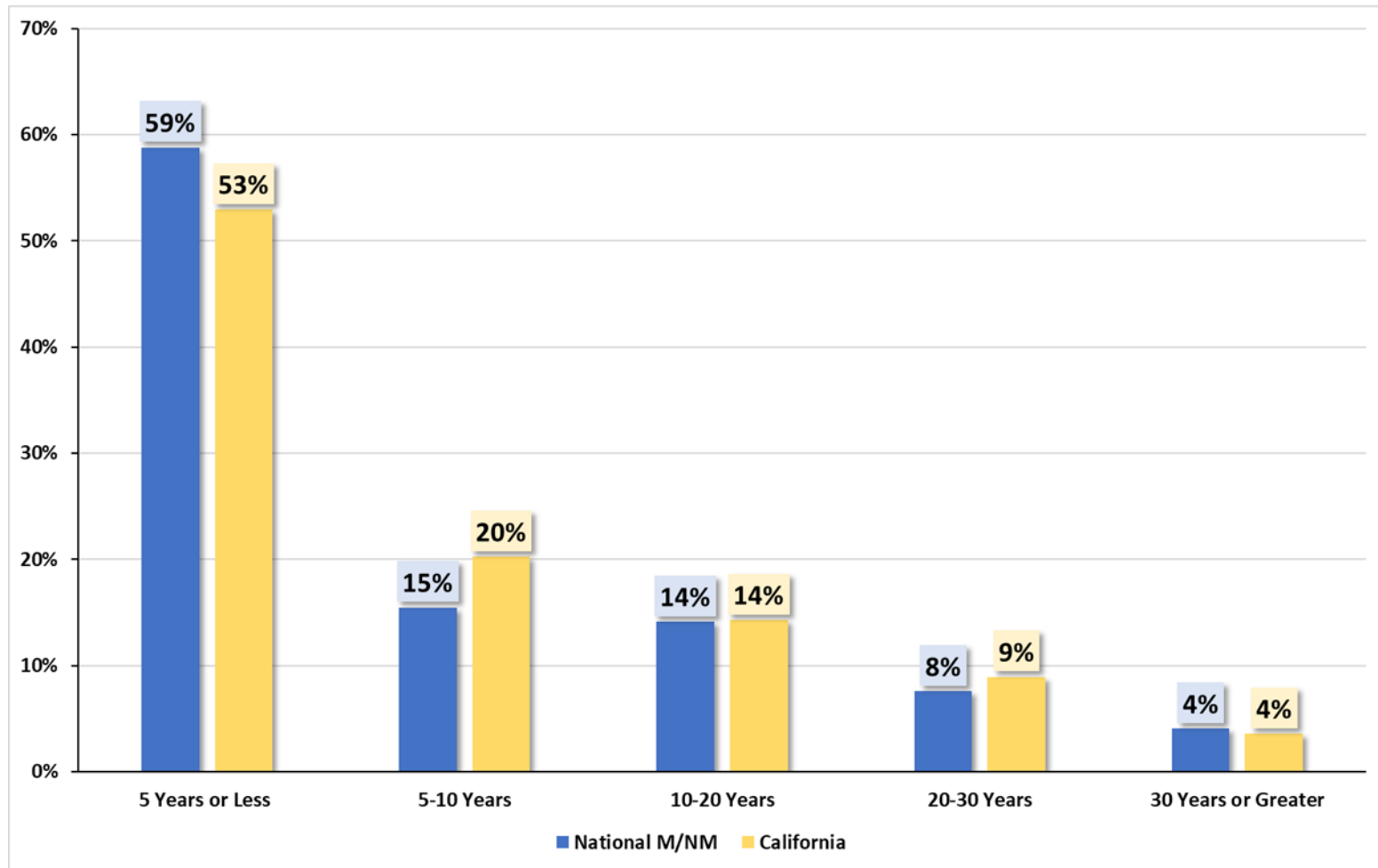
*The Injury Rate Calculation: $Rate = Total\ Injuries \times 200,000 / Total\ Reported\ Employment\ Hours$.

**Contractors do not report employment hours by state; therefore, contractor injuries were excluded.



Distribution Of Total Injuries in CY 2022

By Experience



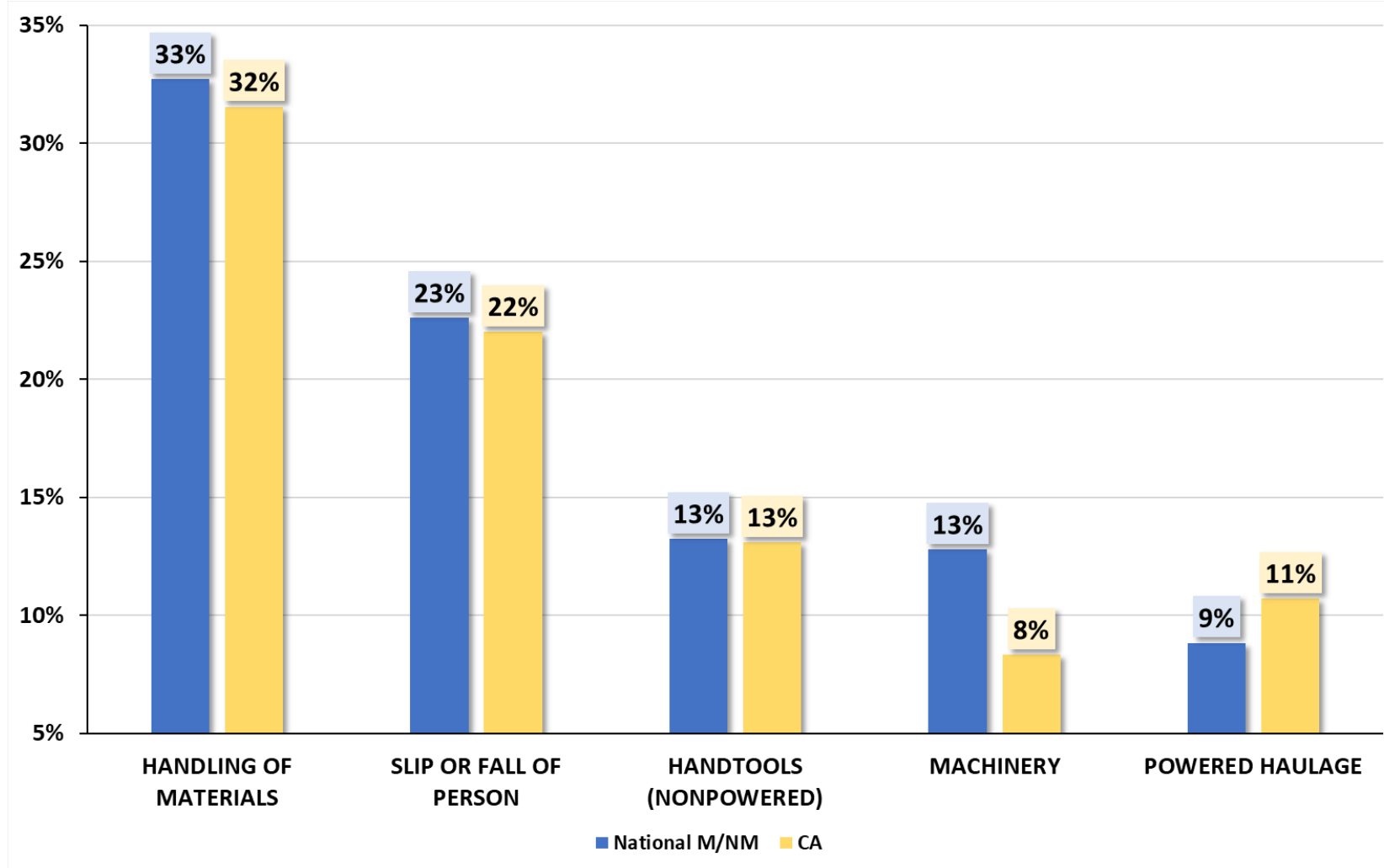
*Represents percentage of all injuries by total experience categories.

*California data includes injuries at industrial and construction material mines.



Distribution Of Total Injuries in CY 2022

By Accident Classification

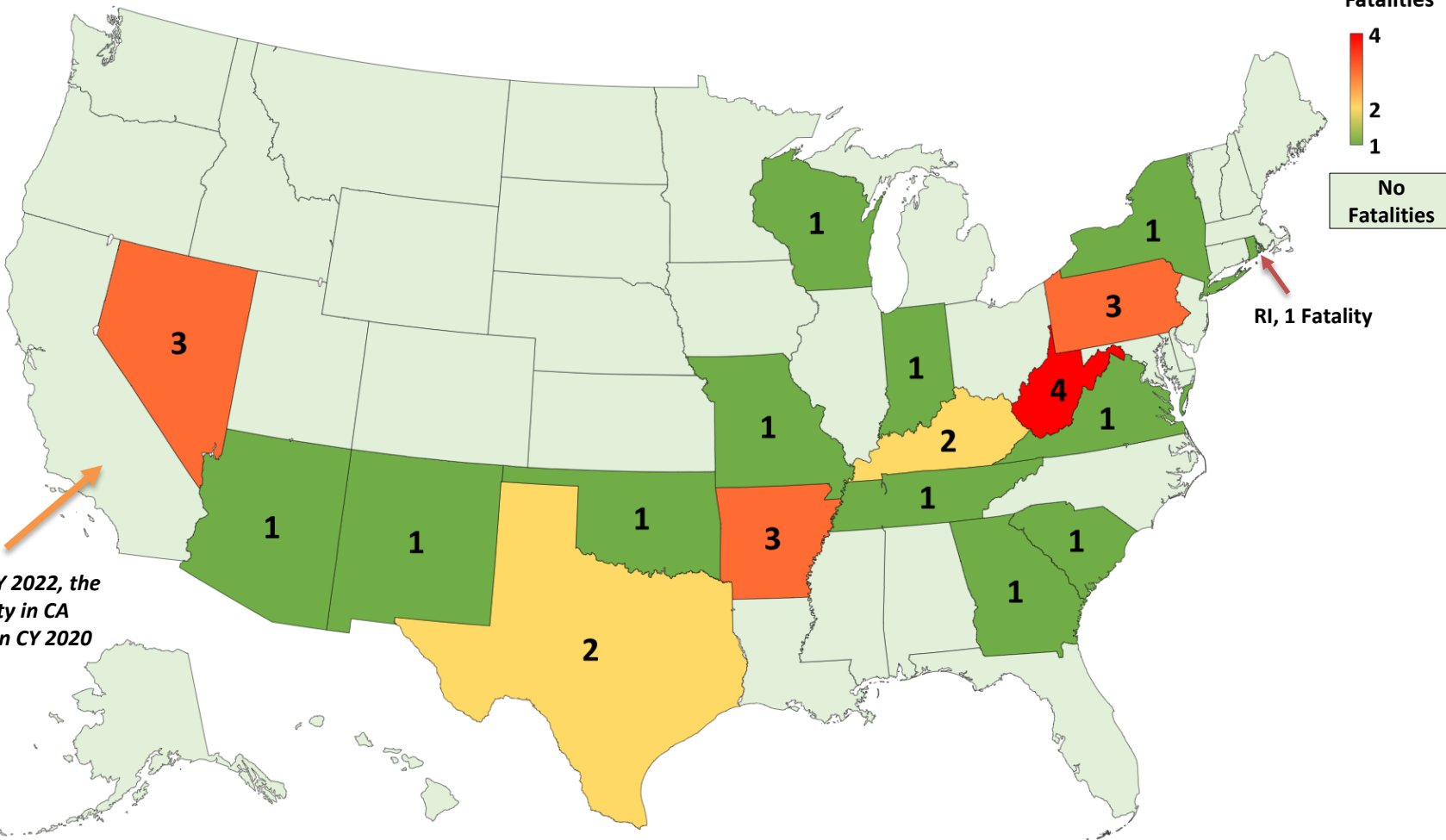


*Represents percentage of all injuries by accident classification.

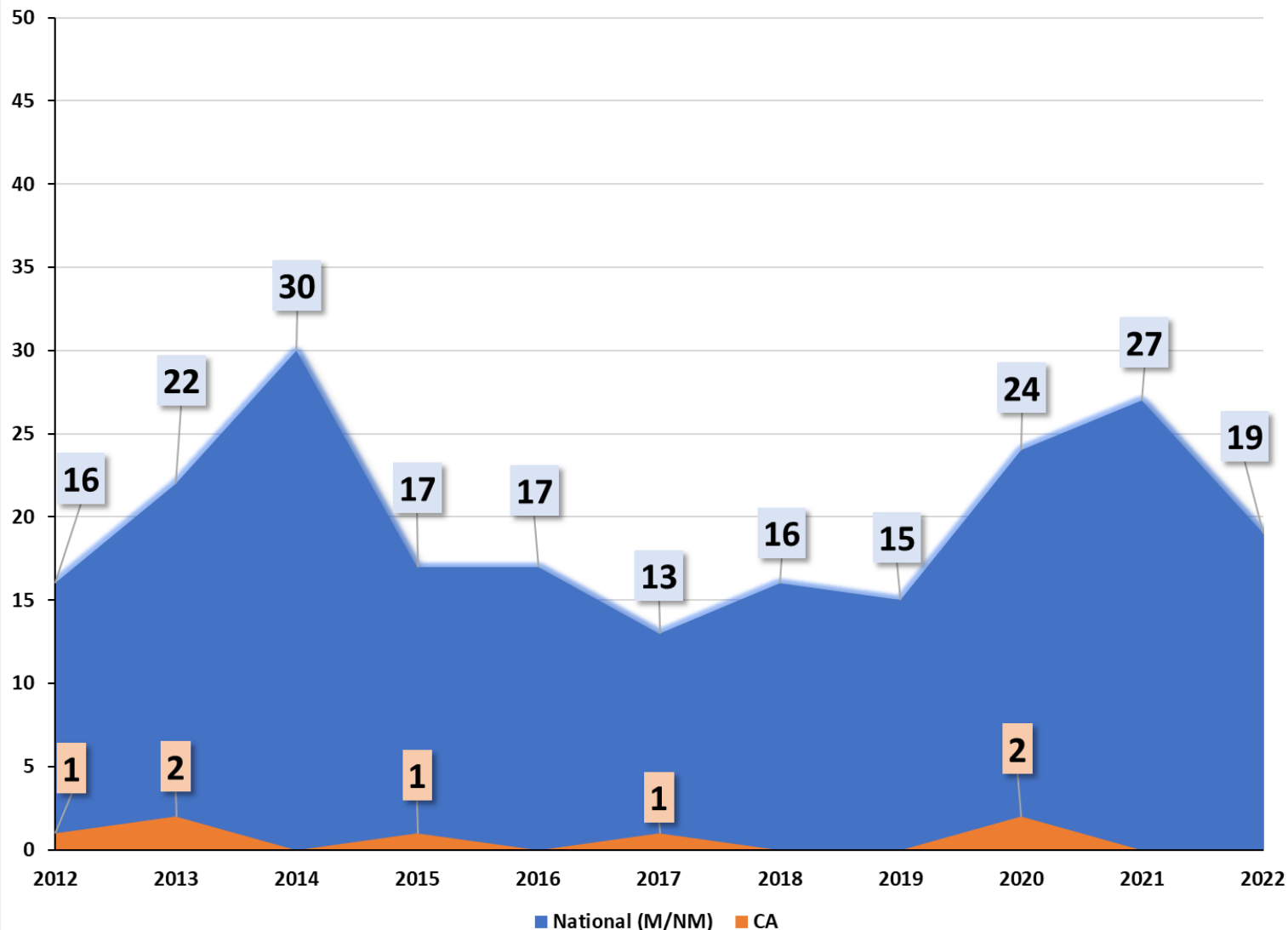
*California data includes injuries at industrial and construction material mines.



29 Fatalities Occurring in 18 States



National M/NM and California Fatalities (CY 2012-2022)



* California does not report any coal mines; therefore, coal fatalities are excluded from the national count.





Questions?

"Daddy's Home"
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