

CALIFORNIA GEOLOGICAL SURVEY

AGGREGATE SUSTAINABILITY IN CALIFORNIA

Fifty-Year Aggregate Demand Compared to Permitted Aggregate Reserves

By
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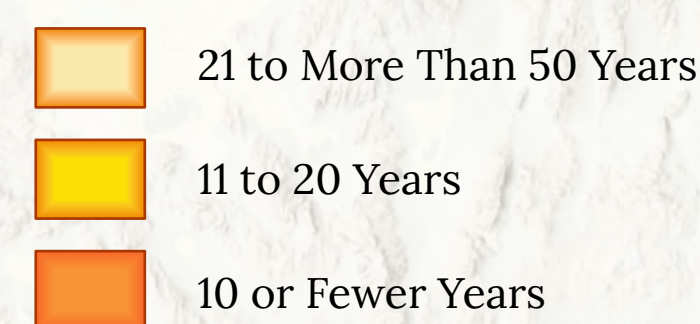
GIS Design and Map Layout By:
Milton Fonseca

This map shows permitted aggregate reserves, projected 50-year aggregate demand, and the estimated number of years of permitted aggregate reserves remaining for areas covered by California Geological Survey mineral land classification reports (aggregate study areas). Study area boundaries are based on a production-consumption region (P-C Region) or county lines. These study areas encompass the most densely populated, and higher demand portions of California; however, aggregate is produced and consumed throughout the state.

See the accompanying [Aggregate Sustainability in California](#) report for additional information. Scan the QR Code to view the report.



Aggregate Study Areas - Years of Permitted Reserves Remaining



Permitted Reserves and 50-Year Demand Charts



Aggregate Production Area

One or More Mine Location

Base Layers

- City
- Interstate Route
- U.S. Route
- State Route
- County Boundary
- Lake/Ocean

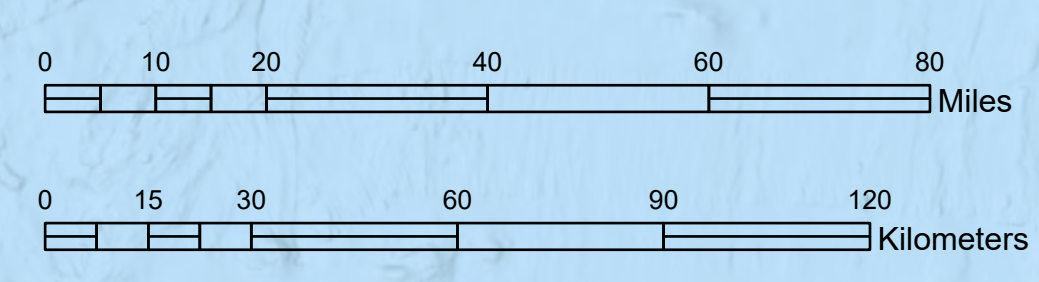
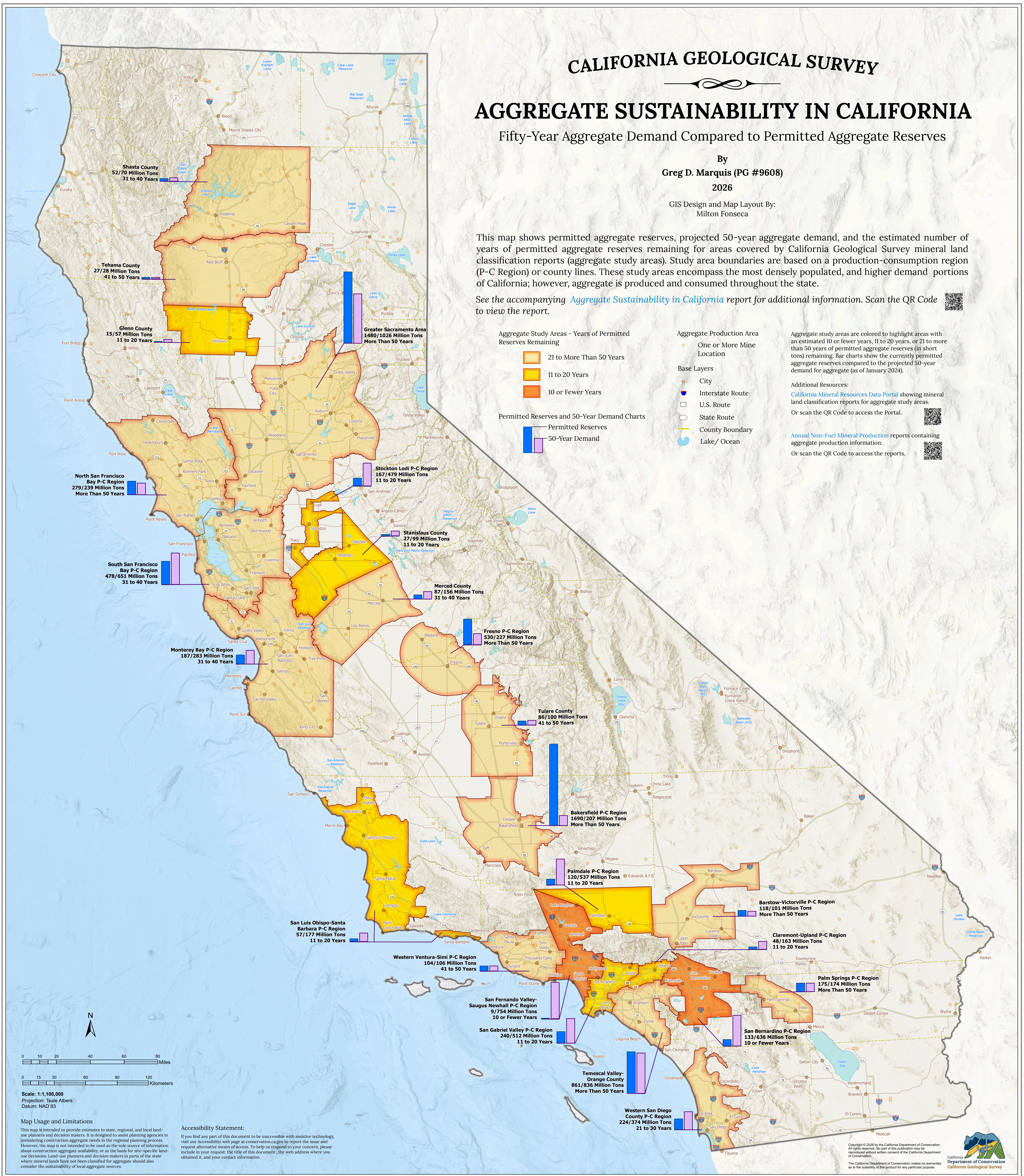
Aggregate study areas are colored to highlight areas with an estimated 10 or fewer years, 11 to 20 years, or 21 to more than 50 years of permitted aggregate reserves (in short tons) remaining. Bar charts show the currently permitted aggregate reserves compared to the projected 50-year demand for aggregate (as of January 2024).

Additional Resources:

[California Mineral Resources Data Portal](#) showing mineral land classification reports for aggregate study areas. Or scan the QR Code to access the Portal.



[Annual Non-Fuel Mineral Production](#) reports containing aggregate production information. Or scan the QR Code to access the reports.



Map Usage and Limitations
This map is intended to provide estimates to state, regional, and local land-use planners and decision makers. It is designed to assist planning agencies in considering construction aggregate needs in the regional planning process. However, the map is not intended to be used as the sole source of information about construction aggregate availability, or as the basis for site-specific land-use decisions. Land-use planners and decision makers in parts of the state where mineral lands have not been classified for aggregate should also consider the sustainability of local aggregate sources.

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