

The following is only an abstract of one of our earlier reports. An email request for a printed or PDF copy of the complete report can be generated by clicking on the **Report Number** of this report in the table of reports on the [Research Studies and Reports](#) page. The PDF copy of the complete report was created by scanning an original, printed copy, and thus is only *partially* searchable and *is not* accessible, but is fully printable.

A printed or PDF copy of our studies and reports may also be requested by mail or phone at:

Department of Motor Vehicles  
Research and Development Branch  
2570 24th Street, MS H-126  
Sacramento, CA 95818-2606  
(916) 657-5805

For a request by mail, please include the report number and your name, address, and phone number. Also, please state whether you are requesting a printed copy, a PDF copy, or both. For a PDF copy, please include your email address.

TITLE: Projected Motor Vehicle Registration & Drivers Licenses Outstanding 1976-2000

DATE: October 1976

AUTHOR(S): Department Staff

REPORT NUMBER: 48.1

NTIS NUMBER:

FUNDING SOURCE: Departmental Budget

To prepare a set of estimated vehicle registrations to 2000, by county, for each of the four classes of vehicles --passenger vehicles, commercial vehicles, motorcycles, and trailers.

SUMMARY:

The ownership of motor vehicles in California has long been used by economists, bankers, planners, and administrators at all levels of government and the private sector as an important measure of the State's economy. Members of these professions have continued to seek long-range estimates of vehicle registration data in order to forecast future growth and development of the State and to plan necessary facilities for this expected growth.

This is the third set of estimates released by the department. Again are included estimates on number of drivers license holders by county (to 1978) and statewide (to 2000). It is anticipated that these registration estimates will need revision at least every two years and perhaps more frequently should drastic changes occur in the base estimators.

A multiple linear regression model was employed as the statistical tool to the development of the estimates. Separate equations were developed for each vehicle type (passenger vehicles, commercial vehicles, trailers and motorcycles) for each of the 58 counties of California. The predictor variables used were population, gross national product (GNP), personal disposable income, and two "dummy variables"--energy conditions and wage-price controls, as independent variable. The county population estimates were provided by the department of Finance and reflect the statewide totals. Gross National Product estimates were calculated from a simple regression on historical data--trend-line analysis.

SUPPLEMENTARY INFORMATION:

See report #27, *Projected Motor Vehicle and Trailer Registration by County, 1967-1980*, April 1968 for the first report in this series. See also Report 31, *Projected Motor Vehicle Registration and Drivers Licenses Outstanding, 1970-1985* for the second report in this series. This publication represents an updating of Report 48, *Projected Motor Vehicle Registration and Drivers Licenses Outstanding 1970-1985* (October 1974), the third report in this series.