



Estimate Compliance with Vehicle Registration Requirements

Prepared for
Division of Motor Vehicles

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Transportation Literature Searches are prepared for WisDOT staff and investigators to identify completed research and other authoritative information in an area of interest. The citations below are representative, rather than exhaustive, of available English-language studies on the topic. Primary online resources for the literature searches are OCLC's [WorldCat](#) and [TLCat](#), U.S. DOT's [TRIS Online](#), the National Transportation Library ([NTL](#)), TRB's Research in Progress ([RiP](#)) database, and other academic, engineering and scientific databases as appropriate.

To request a literature search, contact the WisDOT Library at library@dot.state.wi.us or (608) 264-8142, or WisDOT Research at research@dot.state.wi.us or (608) 261-8198.

Topic/Problem Statement: Estimate the Current Level of Compliance with Wisconsin Vehicle Registration Requirements: An Update of a Previous Field Survey of Cars and Light Trucks.

Keywords: vehicle registration, unregistration, registration noncompliance.

Summary

We located pertinent studies performed by the University of California and by the American Association of Motor Vehicle Administrators.

Citations

Links to online copies of cited literature are provided when available. Contact the WisDOT Library to obtain hard copies of citations.

Title: Unregistration Rates for On-Road Vehicles in California

Author(s): Theodore Younglove, Carrie Malcom, Thomas Durbin, Matthew Smith, Alberto Ayala, Sandee Kidd

Date: 2004

Source/URL: *Journal of Transportation and Statistics*; Vol. 7, No. 2/3; 2004.

http://www.bts.gov/publications/journal_of_transportation_and_statistics/volume_07_number_23/html/paper_01/index.html

Contents: Motivated by the need to develop regional air pollution control strategies, a comprehensive field study was conducted throughout California to characterize the unregistration rate of light-duty vehicles in the state. Based on an analysis of more than 98,000 vehicle records, the average unregistered rate was found to be $3.38 \pm 0.13\%$. This included vehicles unregistered for a period of less than three months (2.41% of the total), vehicles unregistered between three months and two years (0.95% of the total), and vehicles unregistered for more than two years (0.03% of the total). About half of the counties had unregistration rates between 2% and 4%, with most counties' rates below 5%. The unregistered fleet was more heavily weighted toward older vehicles than the registered fleet. Department of Motor Vehicles (DMV) unregistration rates were compared with the field study rates. DMV estimates ranged from 6.2% to 7.5%, which were higher than those obtained in the field study. It was also found that 1.7% of the vehicles identified in the survey were registered outside the state or the country.

Title: Standardizing the Way We Measure the Uninsured Motor Vehicle Rate

Author(s): American Association of Motor Vehicle Administrators, Uninsured Motor Vehicle Rate Working Group

Date: 2002

Source/URL: AAMVA. <http://www.aamva.org/NR/rdonlyres/5C681AF3-DB7C-4F93-8EE8-CF870C987019/0/FRMUMRWGFinal.pdf>

Description: 10 pp.

Contents: A uniform method for determining the rate of uninsured motorists has been explored by AAMVA's Financial Responsibility and Insurance Discipline and the insurance industry in the past -- a single method all parties could agree to has still not been found. Today, different rates of uninsured motorists are still being claimed within each jurisdiction, depending on who you ask. The FRI Discipline sought to examine the merits of each method, and develop a method for determining uninsured motorist rates that could be recommended on its merits to each jurisdiction. A uniform method would allow jurisdictions, legislators and the insurance industry to more accurately evaluate the effectiveness of programs in different jurisdictions. If a single method cannot be agreed to, the discipline would like to identify a minimum set of data elements that should be collected. These elements would allow the calculation of comparable estimates for each jurisdiction. This report developed four methods to verify the uninsured motorist rate in a jurisdiction in the same manner: Database Method, Random Sampling Method, Law Enforcement Method and Crash Statistics Method