

NATIONAL TRANSPORTATION STATISTICS, 2004 (NATIONAL TRANSPORTATION STATISTICS) pdf

1: Research & Technology | US Department of Transportation

NOTE: This edition of the National Transportation Statistics is provided as a historical reference. A newer edition of this publication, with more recent data for many items, is available.

Page ix Share Suggested Citation: Measuring Personal Travel and Goods Movement: The National Academies Press. This new federal statistical agency was charged with developing transportation data to support strategic planning and policy making. Panel members have expertise in transportation policy and planning, transportation data, and survey methodology and statistics. The committee met four times between February and March. Each of the first three meetings was devoted to review of one of the 1 Citro, C. The Bureau of Transportation Statistics: Priorities for the Future. Page x Share Suggested Citation: After each of these meetings, the committee issued a letter report presenting its findings and recommendations concerning the relevant survey. These letter reports are reproduced in Appendixes A, B, and C. Appendix D lists the invited presentations given at committee meetings. The final meeting was devoted to committee discussions of major themes and crosscutting issues and to preparation of this final report. As a result of its interactions with BTS staff over the course of the study, the committee is aware that the agency is engaged in planning activities that may address items raised in the letter reports and also relate to some of the issues discussed in this report. This report has been reviewed in draft form by individuals chosen for their diverse perspectives and technical expertise, in accordance with procedures approved by the Report Review Committee of the National Academies. The purpose of this independent review is to provide candid and critical comments that will assist the authors and the National Academies in making the published report as sound as possible and to ensure that the report meets institutional standards for objectivity, evidence, and responsiveness to the study charge. The contents of the review comments and draft manuscript remain confidential to protect the integrity of the deliberative process. We wish to thank the following individuals for their participation in the review of this report: Kutscher, Vienna, Virginia; Martin E. The review of this report was overseen by Lester A. Hoel, University of Virginia, Charlottesville, who was responsible for making certain that an independent examination of the report Page xi Share Suggested Citation: Responsibility for the final content of this report rests entirely with the authoring committee and the institution. The committee wishes to thank the many individuals who contributed to this study through presentations at meetings, correspondence, and telephone calls. Jill Wilson managed the study under the supervision of Stephen R. Holland assisted in logistics and communications with the committee. The report was edited by Gail Baker and prepared for publication under the supervision of Nancy Ackerman, Director of Publications. Page xii Share Suggested Citation:

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2: National Transportation and Economic Trends | Bureau of Transportation Statistics

National Transportation Statistics is a companion document to the Transportation Statistics Annual Report, which analyzes some of the data presented here.

Abstract—Modern automobiles are no longer mere mechanical devices; they are pervasively monitored and controlled by dozens of digital computers coordinated via internal vehicular networks. While this transformation has driven major advancements in efficiency and safety, it has also introduced a range of new potential risks. In this paper we experimentally evaluate these issues on a modern automobile and demonstrate the fragility of the underlying system structure. We demonstrate that an attacker who is able to infiltrate virtually any Electronic Control Unit ECU can leverage this ability to completely circumvent a broad array of safety-critical systems. Over a range of experiments, both in the lab and in road tests, we demonstrate the ability to adversarially control a wide range of automotive functions and completely ignore driver input including disabling the brakes, selectively braking individual wheels on demand, stopping the engine, and so on. Looking forward, we discuss the complex challenges in addressing these vulnerabilities while considering the existing automotive ecosystem. Keywords—Automobiles, communication standards, communication system security, computer security, data buses. Show Context Citation Context The vast majority of these are computer controlled to a significant degree and virtually all new cars are now pervasively computerized. However, in spite of their prevalence, the structure of these Data declustering is an important issue for reducing query response times in multi-disk database systems. In this paper, we propose a declustering method that utilizes the available information on query distribution, data distribution, data-item sizes, and disk capacity constraints. The proposed method exploits the natural correspondence between a data set with a given query distribution and a hypergraph. We define an objective function that exactly represents the aggregate parallel query-response time for the declustering problem and adapt the iterative-improvement-based heuristics successfully used in hypergraph partitioning to this objective function. We propose a two-phase algorithm that first obtains an initial K-way declustering by recursively bipartitioning the data set, then applies multi-way refinement on this declustering. We provide effective gain models and efficient implementation schemes for both phases. The experimental results on a wide range of realistic data sets show that the proposed method provides a significant performance improvement compared with the state-of-the-art declustering strategy based on similarity-graph partitioning. Parallel database systems Lose Some, Save Some: This paper examines the unexplored link between the prevalence of overweight and obesity and vehicle demand in the United States. Exploring annual sales data of new passenger vehicles at the model level in 48 U. Our findings suggest that policies to reduce overweight and obesity can have additional benefits for energy security and the environment. Productivity Improvements in the U. Rail Freight Industry, by D. The Transportation Research Forum, founded in , is an independent, nonprofit organization of transportation professionals who conduct, use, and benefit from research. Its purpose is to provide an impartial meeting ground for carriers, shippers, government officials, consultants, university resea Its purpose is to provide an impartial meeting ground for carriers, shippers, government officials, consultants, university researchers, suppliers, and others seeking exchange of information and ideas related to both passenger and freight transportation.

3: National Transportation Availability and Use Survey | Bureau of Transportation Statistics

The Transportation Research Forum, founded in , is an independent, nonprofit organization of transportation professionals who conduct, use, and benefit from research.

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4: Bureau of Transportation Statistics

National Transportation Library. National Transportation Statistics ; BUREAU OF TRANSPORTATION STATISTICS.

5: National Transportation Statistics | Bureau of Transportation Statistics

National Transportation and Economic Trends (Updated April) (BTS), National Transportation Statistics National Transportation Statistics, â€¢ â€¢ â€¢.

6: National Transportation Statistics Updated | Bureau of Transportation Statistics

National Transportation Statistics is a compendium of selected national transportation and transportation-related statistics from a wide variety of government and private sources. The data illustrate transportation activity for the major transportati.

7: Table National Transportation and Economic Trends | Bureau of Transportation Statistics

National Transportation Statistics is a companion document to the Transportation Statistics Annual Report, which analyzes some of the data presented here, and State Transportation Statistics , which presents state-level data on many of.

8: National Transportation Statistics Previous Editions | Bureau of Transportation Statistics

National Transportation Statistics Updated Friday, April 14, - The U.S. Department of Transportation's Bureau of Transportation Statistics (BTS) today updated National Transportation Statistics (NTS) - a web-only reference guide to national-level transportation data.

9: CiteSeerX â€™ Citation Query of Transportation Statistics, National Transportation Statistics

National Transportation Statistics is a companion document to the Transportation Statistics Annual Report, which analyzes some of the data presented here, and State Transportation Statistics, which presents state-.

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