U.S. Department of Commerce
NTRL
NATIONAL TECHNICAL REPORTS LIBRARY

volume 4 • number 8 • *February 15th, 2012* *Newsletter*

National Technical Reports Library

The new generation NTRL Repository Version 3.0 beta release is now available!

Distracted Driving

PB2012103459
National Phone Survey on Distracted Driving Attitudes and Behaviors.
National Highway Traffic Safety Administration, Washington, DC.
2011, 104p
DOT-HS-811-555
Related Categories/Sub-Categories:
43G (Transportation)
85D (Transportation Safety)
85H (Road Transportation)
45C (Common Carrier & Satellite)
91B (Transportation & Traffic Planning)
Keywords: Cell phones, Highway safety, Text messages.

PB2011105271
Assessment of Driver Drowsiness, Distraction, and Performance in a Naturalistic Setting.
John A. Volpe National Transportation Systems Center, Cambridge, MA. Research and Special Programs Administration.
Virginia Tech Transportation Inst., Blacksburg, VA.
2011, 92p
DOT-VNTSC-FMCSA-04-01
FMCSA-RRR-11-010
See also PB2011-105272, Tech Brief.
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
95D (Human Factors Engineering)
57W (Stress Physiology)
Keywords: Commercial motor vehicles, Driver fatigue, Drowsiness.

PB2011112786
Four High-Visibility Enforcement Demonstration Waves in Connecticut and New York Reduce Hand-Held Phone Use. Traffic Safety Facts. Research Note.
National Highway Traffic Safety Administration, Washington, DC. Office of Behavioral Safety Research.
2011, 12p
DOT HS 811 845
Related Categories/Sub-Categories:
43G (Transportation)
45C (Common Carrier & Satellite)
85D (Transportation Safety)
85H (Road Transportation)
Keywords: Wireless communication, Cell phone usage, Headset usage.

PB2012104164
Distracted Driving: What Research Shows and What States Can Do.
National Association of Governors' Highway Safety Representatives, Washington, DC.
2011, 50p
Related Categories/Sub-Categories:
43G (Transportation)
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
92B (Psychology)
95D (Human Factors Engineering)
Keywords: Driver performance, Motor vehicle operators, Highway safety.

PB2012104161
Synthesis of Literature Relating to Cellular Telephone/Personal Digital Assistant Use in Commercial Truck and Bus Operations.
MaineWay Services, Fryeburg, ME.
2011, 32p
FMCSA-RRR-11-015
Related Categories/Sub-Categories:
43G (Transportation)
45C (Common Carrier & Satellite)
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation &Traffic Planning)
Keywords: Trucks, Buses, Cell phones.

Newsletter
National Technical Reports Library
Purpose: To bring you a sampling of the latest documents added to the NTIS Database and to help you gain a greater understanding of the wealth of scitech information available from the National Technical Information Service.

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National Technical Information Service
U.S. Department of Commerce
5301 Shawnee Road
Alexandria, VA 22312

PB2012100636
NHTSA National Communications Plan, 2011.
National Highway Traffic Safety Administration, Washington, DC.
2011, 42p
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
43G (Transportation)
91B (Transportation & Traffic Planning)
Keywords: Seat belt usage, Child restraint systems, Child safety belts.

PB2012103474
Driver Electronic Device Use in 2010.
National Highway Traffic Safety Administration, Washington, DC.
2011, 8p
DOT-HS-811-517
Related Categories/Sub-Categories:
45C (Common Carrier & Satellite)
85D (Transportation Safety)
85H (Road Transportation)
Keywords: Motor vehicle drivers, Wireless communication, Electronic equipment.

PB2010112979
NHTSA National Communications Plan, 2010.
National Highway Traffic Safety Administration, Washington, DC.
2010, 51p
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
45D (Sociopolitical)
92C (Social Concerns)
Keywords: Highway safety, Communications campaigns, Mass media.

Key to Database Fields Used

The following NTIS database fields are used in this short listing of recently acquired technical reports.

NTIS Order Number
Title
Source
Report Year, Page Count
Report Number/ISBN13 (if available)
Related Categories/Sub-categories (where the document is also indexed)
Keywords

RSS Feeds are available in your choice of NTIS Subject Category. For information use the RSS link on the NTIS Homepage and look for the Category RSS Feeds button.

PB2011101210
Causal Factors for Intersection Crashes in Northern Virginia. Final Report.
Virginia Transportation Research Council, Charlottesville. Virginia Univ., Charlottesville.
2010, 63p
VTRC 10-R22
Related Categories/Sub-Categories:
43G (Transportation)
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
Keywords: Traffic accidents, Intersections, Motor vehicle accidents.

PB2011114148
Automated Generation of Virtual Scenarios in Driving Simulator from Highway Design Data.
Texas Transportation Inst., College Station.
2010, 62p
REPT-476660-00018-1
SWUTC/10/476660-00018-1
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
43G (Transportation)
Keywords: Vehicle entertainment systems, Navigation devices, Driver simulator.

PB2010111695
Analysis of Driver Inattention Using a Case-Crossover Approach on 100-Car Data: Final Report.
Virginia Tech Transportation Inst., Blacksburg, VA.
2010, 148p
DOT-HS-811-334
Related Categories/Sub-Categories:
85H (Road Transportation)
85D (Transportation Safety)
91B (Transportation & Traffic Planning)
43G (Transportation)
Keywords: Naturalistic Driving Study, Drowsiness, Relative risk calculations.

PB2012103460
Crash Factors in Intersection-Related Crashes: An On-Scene Perspective.
Bowhead Systems Management, Inc., Alexandria, VA.
2010, 37p
DOT-HS-811-366
Related Categories/Sub-Categories:
43G (Transportation)
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
Keywords: Traffic accidents, Intersections, Motor vehicle accidents.

FEDERAL LABORATORY CONSORTIUM FOR TECHNOLOGY TRANSFER

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The Federal Laboratory Consortium for Technology Transfer (FLC) and the National Technical Information Service (NTIS) continuously collaborate on the process of Federal Technology Transfer.

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PB2011101863
Distraction in Commercial Trucks and Buses: Assessing Prevalence and Risk in Conjunction with Crashes and Near-Crashes. Final Report. (September 2009-April 2010).
Virginia Tech Transportation Inst., Blacksburg, VA.
2010, 79p
FMCSA-RRR-10-049
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
43G (Transportation)
Keywords: Crash avoidance, Odds ratio, Population attributable risks.

PB2012102451
U34: Driver Distraction: An Inattention-Mitigation Component for Behavior Based Safety Programs in Commercial Vehicle Operations (IM-BBS).
University Transportation Center, Knoxville, TN. National Transportation Research Center, Inc.
2011, 181p
NTRCI-50-2011-023
Related Categories/Sub-Categories:
43G (Transportation)
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
92B (Psychology)
Keywords: Road safety, Motor vehicle operations, Driver coaching.

> "NTRL provides an affordable way to provide our patrons with direct desktop access to the kinds of technical reports our patrons need in pdf format, with an easy to use interface and a simple IP address authentication. We also appreciate the fact that NTIS provides us with usage statistics that show what reports are being downloaded and in what quantity. That helps us justify our investment in NTRL to upper management."

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Major Subject Categories

Category Codes*	Title	New for January Quantity**
41	Manufacturing Technology	37
43	Problem Solving Information for State & Local Governments	359
44	Health Care	160
45	Communication	50
46	Physics	152
47	Ocean Sciences & Technology	132
48	Natural Resources & Earth Sciences	254
49	Electrotechnology	43
50	Civil Engineering	77
51	Aeronautics & Aerodynamics	65
54	Astronomy & Astrophysics	60
55	Atmospheric Sciences	76
57	Medicine & Biology	472
62	Computers, Control & Information Theory	105
63	Detection & Countermeasures	51
68	Environmental Pollution & Control	292
70	Administration & Management	390
71	Materials Sciences	78
72	Mathematical Sciences	38
74	Military Sciences	205
75	Missile Technology	1
76	Navigation, Guidance, & Control	6
77	Nuclear Science & Technology	101
79	Ordnance	25
81	Combustion, Engines, & Propellants	37
82	Photography & Recording Devices	6
84	Space Technology	87
85	Transportation	186
88	Library & Information Sciences	62
89	Building Industry Technology	59
90	Government Inventions for Licensing	1
91	Urban & Regional Technology & Development	342
92	Behavior & Society	320
94	Industrial & Mechanical Engineering	33
95	Biomedical Technology & Human Factors	32
96	Business & Economics	334
97	Energy	175
98	Agriculture & Food	164
99	Chemistry	114

** For a listing of Scope Notes that defines the specific topical content for each category, go to http://www.ntis.gov/assets/pdf/scopenotes.pdf*

*** Quantities represent each new report assigned on average to 3-5 categories.*

PB2011101276
Driver Electronic Device Use Observation Protocol. Traffic Safety Facts. Research Note.
National Highway Traffic Safety Administration, Washington, DC.
2010, 4p
DOT-HS-811-361
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
45C (Common Carrier & Satellite)
Keywords: Motor vehicle drivers, Wireless communication, Cell phone usage.

PB2010112960
Overview of the National Highway Traffic Safety Administration's Driver Distraction Program.
National Highway Traffic Safety Administration, Washington, DC.
2010, 36p
DOT-HS-811-299
Related Categories/Sub-Categories:
43G (Transportation)
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
Keywords: Driver distraction, Risks, Cell phones.

PB2011101277
Distracted Driving 2009. Traffic Safety Facts. Research Note.
National Highway Traffic Safety Administration, Washington, DC.
2010, 8p
DOT-HS-811-379
Related Categories/Sub-Categories:
43G (Transportation)
45C (Common Carrier & Satellite)
85D (Transportation Safety)
85H (Road Transportation)
Keywords: Driver behavior, Driver inattention, Motor vehicle accidents.

Subject Category Codes/Classification

NTIS classifies citations into 39 subject categories. Each of these subject categories is divided into subcategories. This method provides sorting categories for both hard and soft sciences. All subject categories consist of three character codes: two numerics and one alpha character.The numeric codes represent entire categories the alpha codes are used to designate subcategories within these broad categories. The number of NTIS subcategories posted to an information product average from three to five, although there are some reports with more.

PB2011101275
Distracted Driving and Driver, Roadway, and Environmental Factors.
National Center for Statistics and Analysis, Washington, DC. Mathematical Analysis Div.
2010, 40p
DOT-HS-811-380
Related Categories/Sub-Categories:
43G (Transportation)
85D (Transportation Safety)
85H (Road Transportation)
43G (Transportation)
Keywords: Distraction, Motor vehicle drivers, Driver inattention.

ADA518630
Attentional Drift: An Exploratory Study into the Development of an Attention Level Monitoring System Based on Human Eye Fixation.
Naval Postgraduate School, Monterey, CA. School of Operational and Information Sciences.
2010, 72p
Related Categories/Sub-Categories:
57A (Anatomy)
57S (Physiology)
57T (Psychiatry)
92B (Psychology)
95D (Human Factors Engineering)
Keywords: Visual perception, Cognition, Automotive vehicles.

PB2010110805
Distracted Driving: Preliminary Analysis and Survey.
Kentucky Transportation Cabinet, Frankfort. Federal Highway Administration, Frankfort, KY. Kentucky Div.
2010, 30p
KTC-10-06/SPR56-10-1F
Related Categories/Sub-Categories:
43C (Human Resources)
85D (Transportation Safety)
85H (Road Transportation)
95D (Human Factors Engineering)
Keywords: Driver behavior, Driver safety, Accident statistics.

Photo: Architect of the Capitol

PB2010113328
Curbing Distracted Driving: 2010 Survey of State Safety Programs.
National Association of Governors' Highway Safety Representatives, Washington, DC.
2010, 60p
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
43G (Transportation)
Keywords: Cell phones, Texting, Facebook.

PB2009106356
Contributing Factors to Run-Off-Road Crashes and Near-Crashes.
Virginia Tech Transportation Inst., Blacksburg, VA.
2009, 68p
DOT-HS-811-079
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
43G (Transportation)
Keywords: Accident investigations, Intersections, Road curves.

PB2010100165
Maintenance and Management of the Infrastructure. Transportation Research Record: Journal of the Transportation Research Board, No. 2108.
Transportation Research Board, Washington, DC.
2009, 134p
ISBN 978-0-309-12625-0
TRB-TRR-2108
Related Categories/Sub-Categories:
50A (Highway Engineering)
85H (Road Transportation)
45C (Common Carrier & Satellite)
Keywords: Display devices, Cell phones, Dynamic message signs.

PB2010110776
Technology and Distracted Driving: A Double-Edged Sword. Expanded Remarks from the US DOT. Distracted Driving Summit.
Department of Transportation, Washington, DC. University Transportation Centers Program. Department of Transportation, Washington, DC. Research & Innovative Technology Administration (RITA).
2009, 13p
M-CASTL-2009-05
Related Categories/Sub-Categories:
45C (Common Carrier & Satellite)
85D (Transportation Safety)
85H (Road Transportation)
95D (Human Factors Engineering)
45C (Common Carrier & Satellite)
Keywords: Driver safety, Cell phones, In-vehicle technologies.

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PB2010105045
Visual, Auditory, Cognitive, and Psychomotor Demands of Real In-Vehicle Tasks.
Michigan Univ., Ann Arbor. Transportation Research Inst.
2007, 110p
Related Categories/Sub-Categories:
85H (Road Transportation)
85D (Transportation safety)
95D (Human Factors Engineering)
Keywords: Driving performance, Motor vehicle crashes, Ergonomics.

PB2010101612
Driver Distraction in Commercial Vehicle Operations.
Virginia Polytechnic Inst. and State Univ., Blacksburg. Center for Truck and Bus Safety.
2009, 285p
FMCSA-RRR-09-42
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
94D (Job Environment)
91B (Transportation & Traffic Planning)
43G (Transportation)
Keywords: Inattention, Eye glance analyses, Drowsy driver warning system.

PB2010105904
Measuring Distraction Potential of Operating In-Vehicle Devices.
National Highway Traffic Safety Administration, East Liberty, OH. Vehicle Research and Test Center.
2009, 94p
NHTS/NVS-312
DOT-HS-811-231
Related Categories/Sub-Categories:
85D (Transportation Safety),
95D (Human Factors Engineering)
43D (Police, Fire, & Emergency Services)
91B (Transportation & Traffic Planning)
Keywords: In-vehicle devices, Distraction potential, Cognitive distraction.

PB2010100165
Maintenance and Management of the Infrastructure. Transportation Research Record: Journal of the Transportation Research Board, No. 2108.
Transportation Research Board, Washington, DC.
2009, 134p
ISBN 978-0-309-12625-0
TRB-TRR-2108
Related Categories/Sub-Categories:
50A (Highway Engineering)
85H (Road Transportation)
45C (Common Carrier & Satellite)
Keywords: Display devices, Cell phones, Dynamic message signs.

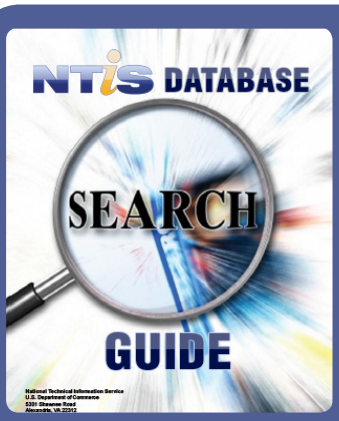
PB2010105047
How Do Distracted and Normal Driving Differ: An Analysis of the ACAS Naturalistic Driving Data.
Michigan Univ., Ann Arbor. Transportation Research Inst.
2007, 99p
UMTRI-2006-35
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
95D (Human Factors Engineering)
Keywords: Countermeasures, Crash risk, Turn signals.

PB2009111360
Effects of Commercial Electronic Variable Message Signs (CEVMS) on Driver Attention and Distraction: An Update.
Federal Highway Administration, McLean, VA. Office of Safety Research and Development.
2009, 96p
FHWA/HRT-09-018
Related Categories/Sub-Categories:
85H (Road Transportation)
91B (Transportation & Traffic Planning)
43G (Transportation)
50A (Highway Engineering)
95D (Human Factors Engineering)
Keywords: Driver safety, Roadside hazards, Changeable message signs.

PB2009100583
Driver Strategies for Engaging in Distracting Tasks Using In-Vehicle Technologies.
Westat, Inc., Rockville, MD.
2008,120p
DOT-HS-810 919
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
95D (Human Factors Engineering)
45C (Common Carrier & Satellite)
Keywords: Driver behavior, Cell phones, In-vehicle technologies.

PB2010115108
Spatial and Temporal Differences in Midwestern Crashes Relative to National Data: Public Policy Implications. Final Report.
Iowa Univ., Iowa City. Dept. of Mechanical and Industrial Engineering.
2008, 59p
MTC-2007-07
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
43G (Transportation)
Keywords: Highway crashes, Angular crashes, Rear-end crashes.

PB2009100584
Driver Distraction: A Review of the Current State of Knowledge.
National Highway Traffic Safety Administration, Washington, DC.
2008, 32p
DOT-HS-810-704
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
95D (Human Factors Engineering)
45C (Common Carrier & Satellite)
Keywords: Cell phones, Naturalistic data, Crash risks, Inattention.



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PB2007104862
Driver Workload Metrics Project, Task 2 Final Report.
Crash Avoidance Metrics Partnerships, Farmington Hills, MI.
2006, 460p
DOT/HS-810/635
See also appendices, PB2007-104863.
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
Keywords: Workload, Driving tasks, Driver workload metrics.

PB2010105046
Frequency of Distracting Tasks People Do While Driving: An Analysis of the ACAS FOT Data.
Michigan Univ., Ann Arbor. Transportation Research Inst.
2007, 103p
UMTRI-2006-17
Related Categories/Sub-Categories:
85H (Road Transportation)
85D (Transportation Safety)
95D (Human Factors Engineering)
Keywords: Visual demand, Driving performance, Motor vehicle crashes.

PB2010105053
Visual Demand of Curves and Fog-Limited Sight Distance and Its Relationship to Brake Response Time.
Michigan Univ., Ann Arbor. Transportation Research Inst.
2006, 69p
Related Categories/Sub-Categories:
85H (Road Transportation)
85D (Transportation Safety)
95D (Human Factors Engineering)
Keywords: Visual demand, Motor vehicle crashes, Electronic devices.

PB2010105048
Task Acceptability and Workload of Driving City Streets, Rural Roads, and Expressways: Ratings from Video Clips.
Michigan Univ., Ann Arbor. Transportation Research Inst.
2007, 182p
UMTRI-2006-6
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
95D (Human Factors Engineering)
Keywords: Visual demand, Ergonomics, Telematics.

PB2010101182
Characteristics of Voice-Based Interfaces for In-Vehicle Systems and Their Effects on Driving Performance.
Transportation Research Center, Inc., East Liberty, OH. National Highway Traffic Safety Administration, Washington, DC.
National Highway Traffic Safety Administration, East Liberty, OH. Vehicle Research and Test Center.
2007, 110p
DOTHS-810-867
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
45C (Common Carrier & Satellite)
Keywords: Driver performance, Voice communications, Traveler information systems.

PB2007111466
Assessing Driver Distraction Due to In-Vehicle Video Systems through Field Testing at the Pecos Research and Testing Center.
Southwest Region Univ. Transportation Center, Houston, TX.
2007, 55p
SWUTC/07/473700-00082-1
Related Categories/Sub-Categories:
85H (Road Transportation)
95D (Human Factors Engineering)
91B (Transportation & Traffic Planning)
43G (Transportation)
Keywords: Driver distraction, Vehicle entertainment systems,
In-vehicle video systems.

PB2010105049
Driving Performance Analysis of the Advanced Collision Avoidance System (ACAS) Field Operational Test (FOT) Data and Recommendations for a Driving Workload Manager.
Michigan Univ., Ann Arbor. Transportation Research Inst.
2006, 126p
UMTRI-2006-18
Related Categories/Sub-Categories:
85H (Road Transportation)
85D (Transportation Safety)
95D (Human Factors Engineering)
Keywords: Driving, Visual demand, Motor vehicle operators.

ADA491443
Augmented Cognition - Phase 4 Cognitive Assessment and Task Management (CAT-M).
Daimler-Chrysler Corp., Auburn Hills, MI.
2008, 69p
Related Categories/Sub-Categories:
92B (Psychology)
57A (Anatomy)
57S (Physiology)
Keywords: Cognition, Drivers (Personnel), Test and evaluation.

PB2007109619
Development of a Human Performance Simulation Model to Evaluate Vehicle Information and Control Systems in Commercial Trucking Operations.
Mack-Blackwell Transportation Center, Fayetteville, AR.
2007, 116p
MBTC-2062
Related Categories/Sub-Categories:
95C (Biomedical Instrumentation & Bioengineering)
85D (Transportation Safety)
85H (Road Transportation)
Keywords: Human factors engineering, Commercial trucking operations, Highway safety.

PB2007111403
Methods for Machine Vision Based Driver Monitoring Applications.
Technical Research Center of Finland, Helsinki.
2006, 159p
ISBN-951-38-6875-3
ISBN-951-38-6876-1
VTT/PUB-621
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
95D (Human Factors Engineering)
Keywords: Motor vehicle drivers, Computer vision, Distractions, Driver fatigue, Cameras, Traffic safety, Man machine
Interface.

PB2007104863
Driver Workload Metrics Project, Task 2 Final Report, Appendices.
Crash Avoidance Metrics Partnerships, Farmington Hills, MI.
2006, 600p
See also full report, PB2007-104862.
DOT/HS-810/635-APP
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
Number of Pages: 600p
Keywords: Driving tasks, Motor vehicle operators, Driver workload metrics.

PB2007106424
Taafikkinformasjon og Bilforeres Oppmerksomhet. En Undresokelse a Hvordan Tavle Med Variabel Tekst Pavirker Kjoreatferd (Traffic Information and Driver Attention: A Study of Variable Message Signs and Their Effects on Driving Behaviour).
Transportoekonomisk Inst., Oslo (Norway).
2005, 62p
TOI-799/2005
ISBN-82-480-0561-5
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
95D (Human Factors Engineering)
Keywords: Traffic signs, Driver attention, Driver behavior, Human factors engineering, Variable message signs.

PB2007106568
Examination of the Distraction Effects of Wireless Phone Interfaces Using the National Advanced Driving Simulator-Final Report on a Freeway Study.
Transportation Research Center, Inc., East Liberty, OH.
Iowa Univ., Iowa City.
2005, 144p
NHTSA/NVS-312
DOT HS 809 787
Related Categories/Sub-Categories:
85H (Road Transportation)
85D (Transportation Safety)
45C (Common Carrier & Satellite)
Keywords: Driving simulators, Traffic safety, Computerized simulation.

PB2006100581
Guidance for Implementation of the AASHTO Strategic Highway Safety Plan. Volume 14: A Guide for Reducing Crashes Involving Drowsy and Distracted Drivers.
American Association of State Highway and Transportation Officials, Washington, DC.
2005, 116p
NCHRP-500-V14
ISBN-0-309-08760-0-V14
See also PB2004-106420
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
Keywords: Highway safety, Accident reduction, Driver fatigue.

PB2012104162
Factors in Decisions to Make, Purchase, and Use On-board Safety Technologies.
Federal Motor Carrier Safety Administration, Washington, DC.
2005, 89p
FMCSA-MCRT-06-003
Related Categories/Sub-Categories:
70B (Management Practice)
85D (Transportation Safety)
85H (Road Transportation)
Keywords: Crash avoidance, Intelligent transportation systems, Commercial vehicle operations (CVO).

PB2006101202
Effects of Secondary Tasks on Naturalistic Driving Performance.
Michigan Univ., Ann Arbor. Transportation Research Inst.
2005, 58p
UMTRI-2005-29
Related Categories/Sub-Categories:
85H (Road Transportation)
43G (Transportation)
91B (Transportation & Traffic Planning)
Keywords: Secondary tasks, Driver behavior, Crash avoidance.

ADA426022
Human Performance, Situation Awareness and Automation. Current Research and Trends. Vol.1.
Embry-Riddle Aeronautical Univ., Daytona Beach, FL.
2004, 337p
See also ADA426023.
Related Categories/Sub-Categories:
57T (Psychiatry)
62 (Computers, Control & Information Theory)
92B (Psychology)
95D (Human Factors Engineering)
57W (Stress Physiology)
Keywords: Automation, Performance (Human), Man machine systems.

ADA426023
Human Performance, Situation Awareness and Automation. Current Research and Trends. Vol. 2.
Embry-Riddle Aeronautical Univ., Daytona Beach, FL.
2004, 303p
See also ADA426022.
Related Categories/Sub-Categories:
57T (Psychiatry)
62 (Computers, Control & Information Theory)
92B (Psychology)
95D (Human Factors Engineering)
Keywords: Automation, Performance (Human), Situational awareness.

PB2006110763
Impact of Driver Inattention on Near-Crash/Crash Risk: An Analysis Using the 100-Car Naturalistic Driving Study Data.
Virginia Tech Transportation Inst., Blacksburg, VA.
2006, 224p
DOT/HS-810-594
See also PB2006-110756.
Related Categories/Sub-Categories:
85D (Transportation Safety)
85H (Road Transportation)
91B (Transportation & Traffic Planning)
43G (Transportation)
Keywords: Driver behavior analysis, Driver inattention, Near-crash risks.

Any of the technical reports listed in this newsletter can be ordered directly from the National Technical Information Service, simply click on the title to go to the product detail page on NTIS.GOV.

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Title Index - For NTRL Users

The following is a list of the titles included in this month's issue, without links to the NTIS Web site. The list is in alphabetical order.

NTIS number	Category	Title
PB2010111695	85	Analysis of Driver Inattention Using a Case-Crossover Approach on 100-Car Data: Final Report.
PB2007111615	45	Assessing Driver Distraction Due to In-Vehicle Video Systems through Field Testing at the Pecos Research and Testing Center.
PB2007111466	45	Assessing Driver Distraction Due to In-Vehicle Video Systems through Field Testing at the Pecos Research and Testing Center.
ADA518630	95	Attentional Drift: An Exploratory Study into the Development of an Attention Level Monitoring System Based on Human Eye Fixation
ADA491443	92	Augmented Cognition - Phase 4 Cognitive Assessment and Task Management (CAT-M).
PB2011101210	91	Causal Factors for Intersection Crashes in Northern Virginia. Final Report.
PB2010101182	85	Characteristics of Voice-Based Interfaces for In-Vehicle Systems and Their Effects on Driving Performance.
PB2009106356	85	Contributing Factors to Run-Off-Road Crashes and Near-Crashes.
PB2012103460	43	Crash Factors in Intersection-Related Crashes: An On-Scene Perspective.
PB2010113328	85	Curbing Distracted Driving: 2010 Survey of State Safety Programs.
PB2007109619	95	Development of a Human Performance Simulation Model to Evaluate Vehicle Information and Control Systems in Commercial Trucking Operations.
PB2011101277	45	Distracted Driving 2009. Traffic Safety Facts. Research Note.
PB2011101275	43	Distracted Driving and Driver, Roadway, and Environmental Factors.
PB2010110805	95	Distracted Driving: Preliminary Analysis and Survey.
PB2012104164	95	Distracted Driving: What Research Shows and What States Can Do.
PB2010101612	85	Driver Distraction in Commercial Vehicle Operations.
PB2009100584	85	Driver Distraction: A Review of the Current State of Knowledge.
PB2012103474	85	Driver Electronic Device Use in 2010.
PB2011101276	45	Driver Electronic Device Use Observation Protocol. Traffic Safety Facts. Research Note.
PB2009100583	85	Driver Strateigies for Engaging in Distracting Tasks Using In-Vehicle Technologies.
PB2007104863	85	Driver Workload Metrics Project, Task 2 Final Report, Appendices.
PB2007104862	85	Driver Workload Metrics Project, Task 2 Final Report.
PB2010105049	91	Driving Performance Analysis of the Advanced Collision Avoidance System (ACAS) Field Operational Test (FOT) Data and Recommendations for a Driving Workload Manager.
PB2009111360	92	Effects of Commercial Electronic Variable Message Signs (CEVMS) on Driver Attention and Distraction: An Update.
PB2006101202	43	Effects of Secondary Tasks on Naturalistic Driving Performance.
PB2007106568	92	Examination of the Distraction Effects of Wireless Phone Interfaces Using the National Advanced Driving Simulator-Final Report on a Freeway Study.
PB2012104162	70	Factors in Decisions to Make, Purchase, and Use On-board Safety Technologies.
PB2011112786	45	Four High-Visibility Enforcement Demonstration Waves in Connecticut and New York Reduce Hand-Held Phone Use. Traffic Safety Facts. Research Note.
PB2010105046	92	Frequency of Distracting Tasks People Do While Driving: An Analysis of the ACAS FOT Data.
PB2006100581	85	Guidance for Implementation of the AASHTO Strategic Highway Safety Plan. Volume 14: A Guide for Reducing Crashes Involving Drowsy and Distracted Drivers.
PB2010105047	92	How Do Distracted and Normal Driving Differ: An Analysis of the ACAS Naturalistic Driving Data.
ADA426022	62	Human Performance, Situation Awareness and Automation. Current Research and Trends. Volume 1.
ADA426023	62	Human Performance, Situation Awareness and Automation. Current Research and Trends. Volume 2.
PB2006110763	91	Impact of Driver Inattention on Near-Crash/Crash Risk: An Analysis Using the 100-Car Naturalistic Driving Study Data.
PB2010105904	92	Measuring Distraction Potential of Operating In-Vehicle Devices.

Title Index - For NTRL Users - continued

NTIS number	Category	Title
PB2010100165	91	Maintenance and Management of the Infrastructure. Transportation Research Record: Journal of the Transportation Research Board, No. 2108.
PB2007111403	95	Methods for Machine Vision Based Driver Monitoring Applications.
PB2012103459	45	National Phone Survey on Distracted Driving Attitudes and Behaviors.
PB2010112960	85	Overview of the National Highway Traffic Safety Administration's Driver Distraction Program.
PB2010112960	70	Overview of the National Highway Traffic Safety Administration's Driver Distraction Program.
PB2012104161	85	Synthesis of Literature Relating to Cellular Telephone/Personal Digital Assistant Use in Commercial Truck and Bus Operations.
PB2007106424	91	Taafikkinformasjonog Bilforeres Oppmerksomhet. En Undresokelse a Havordan Tavle Med Variabel Tekst Pavirker Kjoreatferd (Traffic Information and Driver Attention: A Study of Variable Message Signs and Their Effects on Driving Behaviour).
PB2010105048	85	Task Acceptability and Workload of Driving City Streets, Rural Roads, and Expressways: Ratings from Video Clips.
PB2010110776	45	Technology and Distracted Driving: A Double-Edged Sword. Expanded Remarks from the US DOT. Distracted Driving Summit.
PB2012102451	91	U34: Driver Distraction: An Inattention-Mitigation Component for Behavior Based Safety Programs in Commercial Vehicle Operations (IM-BBS).