

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.

Distracted Driving



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.

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.

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

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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.

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.

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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.

Key to Database Fields Used

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

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

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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/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

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.

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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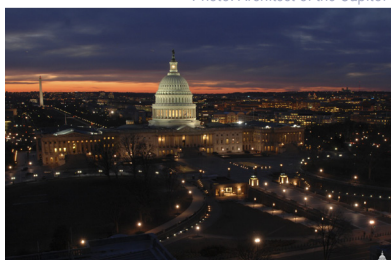
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PB2010105045

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.

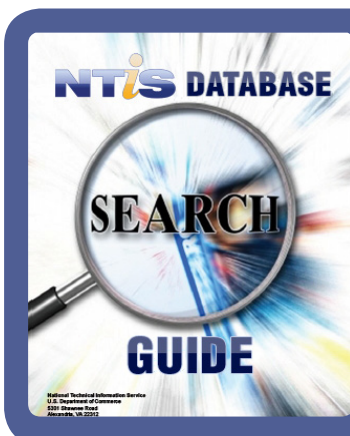
PB2009100584

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

Taafkinformasjon 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:

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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.

If your organization is a subscriber to the National Technical Reports Library, most of the reports listed can be downloaded free there. For information on how to subscribe to NTRL, go to <http://www.ntis.gov/products/ntrl.aspx>.

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 Strategies 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.

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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).