



SAFETY ON THE ROAD LIBRARY ALERT

MAY 2017

Welcome to the Council's Library Alert service for Members Only. The Alert is a small sampling of the documents recently added to the Library collection. For topics not included in this Alert, please contact the Library for a targeted search. Documents from National Safety Council publications are indicated with **Bold Type**.

Copyright law does not permit us to provide full text of documents through the catalog. Some citations include a URL field, allowing access to documents that are available online. For citations without a URL, please contact the Library for help in obtaining documents. Please note that copyright restrictions may apply.

If you have any comments or questions about the Alert service or would like to unsubscribe, please contact the Library at library@nsc.org or 630-775-2199.



©National Safety Council. All rights reserved.
National Safety Council, 1121 Spring Lake Drive, Itasca, IL 60143

STUDY 17 - 0194

IGNITION INTERLOCK LAWS: EFFECTS ON FATAL MOTOR VEHICLE CRASHES, 1982-2013

Author(s): MCGINTY EE / TUNG G / SHULMAN-LANIEL J

Source: AMERICAN JOURNAL OF PREVENTIVE MEDICINE V.52 NO.4, PP.417-423, APR 2017

Keywords: IGNITIONS 1 / INTERLOCKS 1 / FATALITIES 1 / MOTOR VEHICLES 1 / CRASHES 1 / ACCIDENTS TRAFFIC 1 / DRUNK DRIVERS 1 / EFFECTIVENESS 1 / REPEATERS 1 / VIOLATORS 1 / LAWS TRAFFIC 1

STUDY 17 - 0190

PUBLIC HEALTH, ETHICS, AND AUTONOMOUS VEHICLES

Author(s): FLEETWOOD J

Source: AMERICAN JOURNAL OF PUBLIC HEALTH V.107 NO.4, PP.532-537, APR 2017

Keywords: HEALTH 1 / ETHICS 1 / AUTONOMOUS VEHICLES 1 / CRASH AVOIDANCE SYSTEMS 1 / DRIVER ASSISTANCE SYSTEMS 1 / SELF DRIVING 1 / DECISIONS 1 / PRIORITIES 1 / CONTROL 1 / REGULATIONS 1

STUDY 17 - 0188

HOW MUCH TIME DO DRIVERS NEED TO OBTAIN SITUATION AWARENESS? A LABORATORY-BASED STUDY OF AUTOMATED DRIVING

Author(s): LU Z / COSTER X / DE WINTER J

Source: APPLIED ERGONOMICS V.60, PP.293-304, APR 2017

Keywords: DRIVERS 1 / DRIVING 1 / PERFORMANCE 1 / PRACTICES 1 / EXPERIENCE 1 / AWARENESS 1 / AUTOMATION 1 / AUTONOMOUS VEHICLES 1 / SELF DRIVING 1 / DRIVER ASSISTANCE SYSTEMS 1 / PERCEPTIONS 1 / HAZARDS 1 / RECOGNITION 1 / TIME 1

STUDY 17 - 0186

INVESTIGATING THE IMPACT OF STATIC ROADSIDE ADVERTISING ON DRIVERS' SITUATION AWARENESS

Author(s): YOUNG KL / STEPHENS AN / LOGAN DB

Source: APPLIED ERGONOMICS V.60, PP.136-145, APR 2017

Keywords: DRIVERS 1 / DISTRACTIONS 1 / ROADSIDES 1 / ADVERTISING 1 / SIGNS 1 / BILLBOARDS 1 / ACCIDENTS TRAFFIC 1 / ATTENTION 1 / DRIVING 1 / TASKS 1 / LOCATIONS 1 / PERFORMANCE 1

STUDY 17 - 0183

ALCOHOL POLICIES AND ALCOHOL-RELATED MOTOR VEHICLE CRASH FATALITIES AMONG YOUNG PEOPLE IN THE US

Author(s): HADLAND SE / XUAN Z / SARDA V

Source: PEDIATRICS V.139 NO.3, 9PP. MAR 2017

Keywords: ALCOHOL 1 / DRUNK DRIVERS 1 / LAWS TRAFFIC 1 / YOUTH 1 / DRIVERS 1 / TEEN DRIVERS 1 / AGES 1 / LEGAL MINIMUM DRINKING AGES 1 / OCCUPANTS 1 / BICYCLES 1 / RESTRICTIONS 1 / EFFECTIVENESS 1 / FATALITIES 1 / REDUCTION OF ACCIDENTS 1

STUDY 17 - 0158

PEDESTRIAN SELF-REPORTED USE OF SMART PHONES: POSITIVE ATTITUDES AND HIGH EXPOSURE INFLUENCE INTENTIONS TO CROSS THE ROAD WHILE DISTRACTED

Author(s): LENNON A / OVIEDO-TRESPALACIOS O / MATTHEWS S

Source: ACCIDENT ANALYSIS & PREVENTION V.98, PP.338-347, JAN 2017

Keywords: PEDESTRIANS 1 / CELL PHONES 1 / DISTRACTIONS 1 / WALKING 1 / INTERSECTIONS 1 / THEORY OF PLANNED BEHAVIOR 1 / AGES 1 / TEXTING 1 / TASKS 1 / VISION 1 / INATTENTION 1

STUDY 17 - 0157

HAS THE GREAT RECESSION AND ITS AFTERMATH REDUCED TRAFFIC FATALITIES?

Author(s): NOLAND RB / ZHOU Y

Source: ACCIDENT ANALYSIS & PREVENTION V.98, PP.130-138, JAN 2017

Keywords: RECESSIONS 1 / ECONOMICS 1 / TRENDS 1 / ACCIDENTS TRAFFIC 1 / CRASHES 1 / FATALITIES 1 / POLICIES 1 / LAWS TRAFFIC 1 / REDUCTION OF ACCIDENTS 1 / EFFECTIVENESS 1 / LIVES SAVED 1

STUDY 17 - 0156

PREDICTION OF SECONDARY CRASH FREQUENCY ON HIGHWAY NETWORKS

Author(s): SARKER AA / PALETI R / MISHRA S

Source: ACCIDENT ANALYSIS & PREVENTION V.98, PP.107-117, JAN 2017

Keywords: ACCIDENTS TRAFFIC 1 / CRASHES 1 / SECOND COLLISIONS 1 / SECONDARY 1 / HIGHWAYS 1 / ACCIDENT SEQUENCES 1 / PREDICTIONS 1 / FREQUENCY 1

STUDY 17 - 0150

SCHOOL BUS SAFETY: CRASH DATA TRENDS AND FEDERAL AND STATE REQUIREMENTS

Author(s): NO *AUTHOR*

Source: GOVERNMENT ACCOUNTABILITY OFFICE, WASHINGTON, DC, 47PP. JAN 2017

URL: <http://www.gao.gov/assets/690/682077.pdf>

Keywords: SCHOOL BUSES 6 / DESIGN 1 / CRASHES 6 / ACCIDENTS TRAFFIC 6 / FEDERAL 1 / STATES 1 / REQUIREMENTS 1 / FATALITIES 1 / DATA COLLECTION 1 / INADEQUATE 1 / DRIVERS 1 / VIOLATIONS 1 / INSPECTIONS 1 / TRAINING 1

GENERAL COLLECTION 17 - 0150

THE CBHSQ REPORT: DRIVING UNDER THE INFLUENCE OF ALCOHOL AND ILLICIT DRUGS

Author(s): LIPARI RN / HUGHES A / BOSE J

Source: SUBSTANCE ABUSE & MENTAL HEALTH SERVICES ADMIN., ROCKVILLE, MD. CENTER FOR BEHAVIORAL HEALTH STATISTICS & QUALITY, 11PP. 27 DEC 2016

URL: https://www.samhsa.gov/data/sites/default/files/report_2688/ShortReport-2688.pdf

Keywords: DRIVING 1 / DUI 1 / DRIVERS 1 / DRUNK DRIVERS 1 / DRUGS 1 / PREVALENCE 1 / AGES 1 / TRENDS 1

STUDY 17 - 0182

STATE MEDICAL MARIJUANA LAWS AND THE PREVALENCE OF OPIOIDS DETECTED AMONG FATALLY INJURED DRIVERS

Author(s): KIM JH / SANTAELLA-TENORIO J / MAURO C

Source: AMERICAN JOURNAL OF PUBLIC HEALTH V.106 NO.11, PP.2032-2037, NOV 2016

Keywords: STATES TOTAL 1 / LAWS MISCELLANEOUS 1 / MARIJUANA 1 / MEDICAL 1 / OPIOIDS 1 / MEDICATION 1 / DETECTION 1 / FATALITIES 1 / DRIVERS 1 / ACCIDENTS TRAFFIC 1 / REDUCTIONS 1 / CRASHES 1 / TRENDS 1 / TESTING 1

STUDY 17 - 0147

ANALYSIS OF INJURY SEVERITY OF LARGE TRUCK CRASHES IN WORK ZONES

Author(s): OSMAN M / PALETI R / MISHRA S

Source: ACCIDENT ANALYSIS & PREVENTION V.97, PP.261-273, DEC 2016

Keywords: LARGE 1 / TRUCKS 1 / TRUCK TRACTOR TRAILERS 1 / SEVERITY 1 / WORKZONES 1 /

SPEED LIMITS 1 / RURAL 1 / ACCIDENTS TRAFFIC 1 / CRASHES 1

STUDY 17 - 0146

EFFECTIVENESS OF LIGHT-REFLECTING DEVICES: A SYSTEMATIC REANALYSIS OF ANIMAL-VEHICLE COLLISION DATA

Author(s): BRIEGER F / HAGEN R / VETTER D

Source: ACCIDENT ANALYSIS & PREVENTION V.97, PP.242-260, DEC 2016

Keywords: LIGHTS 1 / REFLECTORIZED 1 / REFLECTORS 1 / ANIMALS 1 / MOTOR VEHICLES 1 / COLLISIONS 1 / CRASHES 1 / WILDLIFE 1 / RESEARCH 1 / WARNINGS 1 / DRIVERS 1 / DEER 1

STUDY 17 - 0145

DRIVING UNDER THE INFLUENCE OF DISTRACTION: EXAMINING DISSOCIATIONS BETWEEN RISK PERCEPTION AND ENGAGEMENT IN DISTRACTED DRIVING

Author(s): RUPP MA / GENTZLER MD / SMITHER JA

Source: ACCIDENT ANALYSIS & PREVENTION V.97, PP.220-230, DEC 2016

Keywords: DRIVING 1 / DISTRACTED DRIVING 1 / RISK TAKING 1 / DECISIONS 1 / RISKS 1 / PERCEPTIONS 1 / COMPLEXITY 1 / MENTAL PROCESSES 1

STUDY 17 - 0144

DRIVERS ANTICIPATE LEAD-VEHICLE CONFLICTS DURING AUTOMATED LONGITUDINAL CONTROL: SENSORY CUES CAPTURE DRIVER ATTENTION AND PROMOTE APPROPRIATE AND TIMELY RESPONSES

Author(s): MORANDO A / VICTOR T / DOZZA M

Source: ACCIDENT ANALYSIS & PREVENTION V.97, PP.206-219, DEC 2016

Keywords: DRIVERS 1 / LEAD 1 / MOTOR VEHICLES 1 / CONFLICT 1 / AUTOMATION 1 / ATTENTION 1 / WARNINGS 1 / DRIVER ASSISTANCE SYSTEMS 1 / CRUISE CONTROL 1 / COLLISIONS 1 / CUES 1 / ALERTNESS 1 / GLANCES 1 / RESPONSES 1

STUDY 17 - 0143

DOES THE PROBABILITY OF DWI ARREST FALL FOLLOWING PARTICIPATION IN DWI AND HYBRID DRUG TREATMENT COURT PROGRAMS?

Author(s): SLOAN FA / GIFFORD EJ / ELDRED LM

Source: ACCIDENT ANALYSIS & PREVENTION V.97, PP.197-205, DEC 2016

Keywords: DUI 1 / DRUNK DRIVERS 1 / DRIVERS 1 / PARTICIPATION 1 / DRUGS 1 / TREATMENTS 1 / COURTS 1 / REPEATERS 1 / ARREST 1 / VIOLATIONS 1 / CONVICTIONS 1

STUDY 17 - 0142

UNDERSTANDING THE ROLE OF SLEEP QUALITY AND SLEEP DURATION IN COMMERCIAL DRIVING SAFETY

Author(s): LEMKE MK / APOSTOLOPOULOS Y / HEGE A

Source: ACCIDENT ANALYSIS & PREVENTION V.97, PP.79-86, DEC 2016

Keywords: SLEEP 1 / QUALITY 1 / DURATIONS 1 / FATIGUE HUMAN 1 / DRIVERS 1 / COMMERCIAL 1 / MOTOR CARRIERS 1 / DRIVERS OCCUPATIONS 1 / HOURS OF WORK 1 / VIOLATIONS 1 / PERFORMANCE 1 / ERRORS 1 / CRASHES 2

GENERAL COLLECTION 17 - 0142

GLOBAL NCAP FLEET SAFETY GUIDE AND SAFER CAR PURCHASING POLICY 2014-2015

Author(s): NO *AUTHOR*

Source: GLOBAL NEW CAR ASSESSMENT PROGRAMME, LONDON, ENGLAND, 16PP. 2015

URL: <http://www.globalncap.org/wp-content/uploads/2015/06/FleetBuyersGuide.pdf>

Keywords: MOTOR VEHICLES 1 / CRASHWORTHINESS 1 / FLEETS 1 / SELECTIONS 1 / PURCHASES 1 / GUIDELINES 1 / STANDARDS 1 / UNITED NATIONS 1 / CRASH TESTS 1 / TESTING 1 / SAFETY MANAGEMENT 1