

Not-in-Traffic-Surveillance (NiTS) Non-Crash Injury Incidents November 14, 2011

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NEISS-AIP

National Electronic Injury Surveillance System All Injury Program

- **Consumer Product Safety Commission (CPSC)**
- **Existing infrastructure**
- **National counts**
 - **Sample of 63 Emergency Departments**
- **Most-complete coverage of injuries serious enough for ED visit**

Noncrash Injury Data

- **Source: NEISS-AIP 2003-2006**
- **Data: Emergency department records**
- **Aggregate file w/ counts by**
 - **Type of incident**
 - **Age groups**
 - **Location (relative to vehicle)**

NEISS-AIP Coding

- **Person age, sex**
- **Diagnosis (injury)**
- **Narrative**
- **Precipitating mechanism (how injury occurred)**
- **Person location relative to vehicle**
- **Person boarding, alighting**

Noncrash Injuries Remove Cases

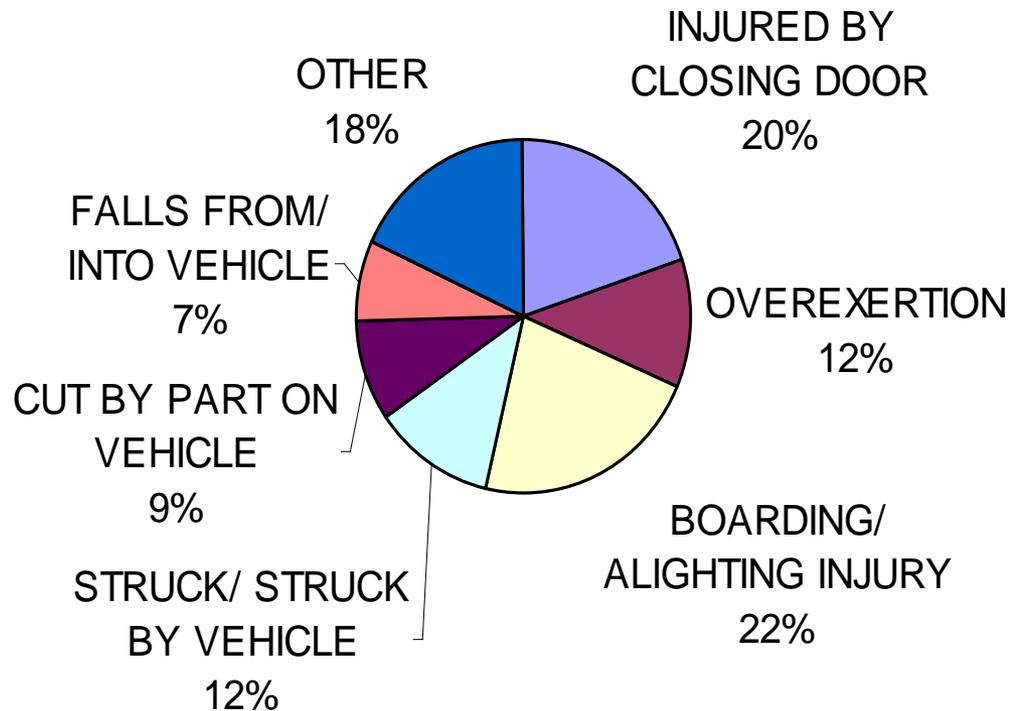
- **No passenger vehicle (narrative)**
- **Crashes/accidents**
 - **Non transport mechanism**
- **Injuries non-vehicle dependent**
 - **firearms, dog bites, other bite or sting, adverse effects of medical care or therapeutic drugs**

Noncrash Injuries Incident Type Determination

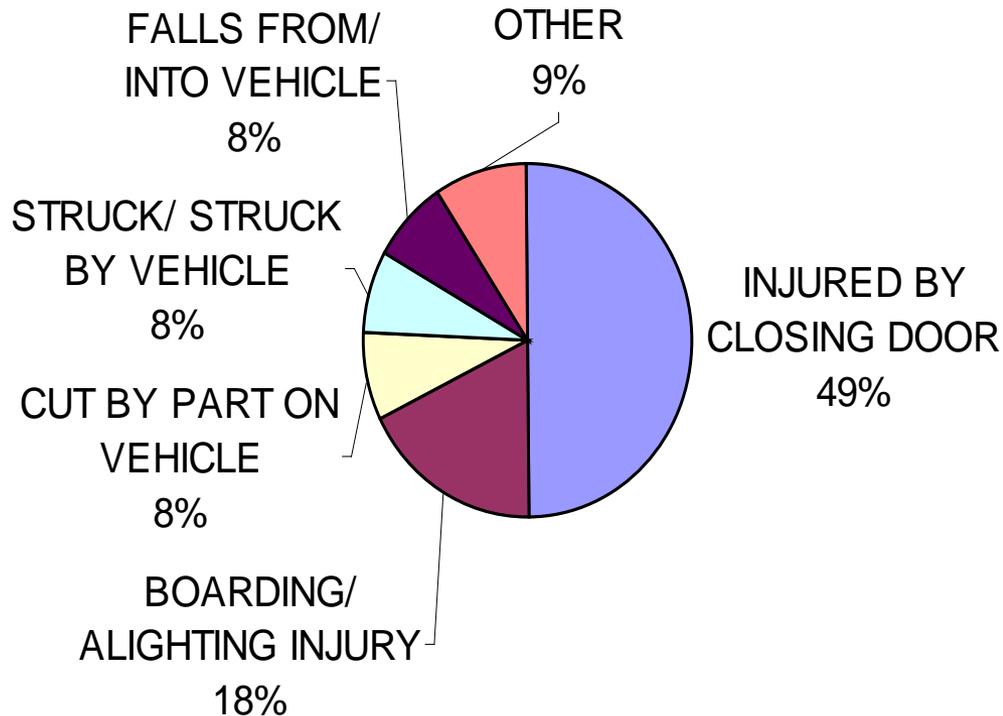
- **Cause of injury**
- **Diagnosis**
- **Search of key words in narrative**
- **Individual review of the narrative**
- **20 occurrences for national estimate**

Injury Scenario	Avg Annual Est	4 Yr Sample Size
Closing door	148,000	9,442
Overexertion	88,000	4,464
Boarding/alighting fall	84,000	4,895
Struck by veh or veh part	74,000	4,189
Cut by part on vehicle	68,000	3,904
Boarding/alighting other	44,000	2,938
Other door injury while boarding/alighting	36,000	2,185
Fall from vehicle	28,000	1,622
Fall against vehicle	28,000	1,619
Struck by other product	20,000	1,119
Cut by other product	19,000	1,033
Foreign body-working	16,000	771
Changing tire - other	10,000	541

Noncrash Injuries



Noncrash Injuries *Children (14 and under)*



NHTSA Special Study

- **Added supplemental data entry screens for qualifying incident**
 - **Hazard patterns**
 - **Persons**
 - **Entering/exiting vehicle**
 - **Driver/passenger/on vehicle**
 - **Vehicle body type**

Not in Traffic Surveillance on Web

<http://www-nrd.nhtsa.dot.gov/Cats/listpublications.aspx?Id=233&ShowBy=Category>

NOT IN TRAFFIC SURVEILLANCE

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Publication		Document Title	Mail
Number	Year		
811065	2009	NiTS 2007: Noncrash Fatality Database User's Manual	<input type="checkbox"/>
811066	2009	NiTS 2007: Noncrash Injury Database User's Manual	<input type="checkbox"/>
811064	2009	NiTS 2007: Nontraffic Crash Database User's Manual	<input type="checkbox"/>
N0409	2009	Not in Traffic Surveillance Cases (April 2009)	<input type="checkbox"/>
N0809	2009	Not in Traffic Surveillance Cases (August 2009)	<input type="checkbox"/>
N1209	2009	Not in Traffic Surveillance Cases (December 2009)	<input type="checkbox"/>
N0209	2009	Not in Traffic Surveillance Cases (February 2009)	<input type="checkbox"/>
N0109	2009	Not in Traffic Surveillance Cases (January 2009)	<input type="checkbox"/>
N0709	2009	Not in Traffic Surveillance Cases (July 2009)	<input type="checkbox"/>
N0609	2009	Not in Traffic Surveillance Cases (June 2009)	<input type="checkbox"/>
N0309	2009	Not in Traffic Surveillance Cases (March 2009)	<input type="checkbox"/>
N0909	2009	Not in Traffic Surveillance Cases (September 2009)	<input type="checkbox"/>
811085	2009	Not-in-Traffic Surveillance 2007 - Highlights	<input type="checkbox"/>
811116	2009	Not-in-Traffic Surveillance 2007 -- Children	<input type="checkbox"/>