



How Am I Doing? Using Data to Plan and Evaluate Your OP Program

The Connecticut Crash Data Repository: Development and Practical Use for Safety Research




---

---

---


---

---




---

---

---



- Provide efficient tools for the collection and analysis of crash data
- Track and document safety improvements and needs in the state
- Development of outreach programs to target Connecticut specific/identified safety concerns
- Conduct transportation safety research that has state, national and global implications and applications

---

---

---

---

---

---

---

---




### Connecticut's Crash Data Revolution

OLD

- 1994, PAPER BASED, 20 MONTH BACKLOG
- TWO CAR CRASH = 1 PAGE

NEW (JAN 1, 2015)

- MMUCC V4
- E-CRASH
- TWO CAR CRASH = 4 PAGES

---

---

---

---

---


---

---

---

## E-CRASH

- **Centralized Crash Data Repository hosted at UConn CTSRC**
- **Unified Software and Transmission Standard (XML Schema)**
- **Free/low Cost Reporting Tools To All State and Local Law Enforcement**
  - Adobe Reader
  - Free Easy Street Draw (statewide)




---

---

---

---

---

---

---

---

---

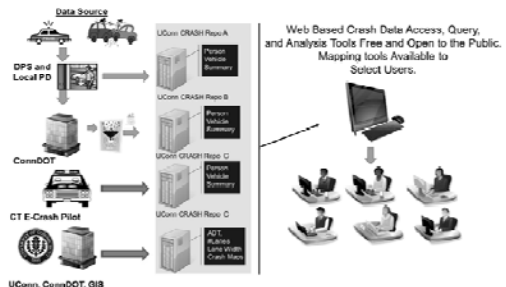
---

---

---

## CRASH DATA REPOSITORY

Web-Based Crash Data Query and Analysis Tools  
[www.ctcrash.uconn.edu](http://www.ctcrash.uconn.edu)



Web Based Crash Data Access, Query, and Analysis Tools Free and Open to the Public. Mapping tools Available to Select Users.

---

---

---

---

---

---

---

---

---


---

---

---

## CRASH DATA REPOSITORY DEMO

### [www.ctcrash.uconn.edu](http://www.ctcrash.uconn.edu)



The Connecticut Crash Data Repository (CTCDR) is a web tool designed to provide access to select crash information collected by state and local police. This data repository enables users to query, analyze and print/report the data for research and informational purposes. The CTCDR is comprised of crash data from two separate sources: The Department of Public Safety (DPS) and The Connecticut Department of Transportation (ConnDOT).

The purpose of the CTCDR is to provide members of the traffic-safety community with timely, accurate, complete and uniform crash data. The CTCDR allows for complex queries of both datasets such as, by date, route, make, class, collision type, injury severity, etc. For further analysis, this data can be summarized by user-defined categories to help identify trends or patterns in the crash data.

**Notes to users:**

- The 2013 crash data has been added to the repository.
- All personal information in crash data has been removed to protect the identity of those involved.
- For crashes occurring before 1985 and between March 1911 to December 1911, property damage only crashes occurring on local roads were not recorded in the DOT database. Therefore, 1990 crash totals will vary greatly over these time periods for no reason other than the data were not recorded for these crashes.
- Crash data obtained from ConnDOT is delayed by approximately 1-3 years due to error checks and the need for manual data entry of paper crash reports.
- Route and inbound data entered by ConnDOT and is not available in the Department of Public Safety dataset.
- 1990 crash data will not fully represent 1988 data because it is updated periodically.

---

---

---

---

---

---

---

---

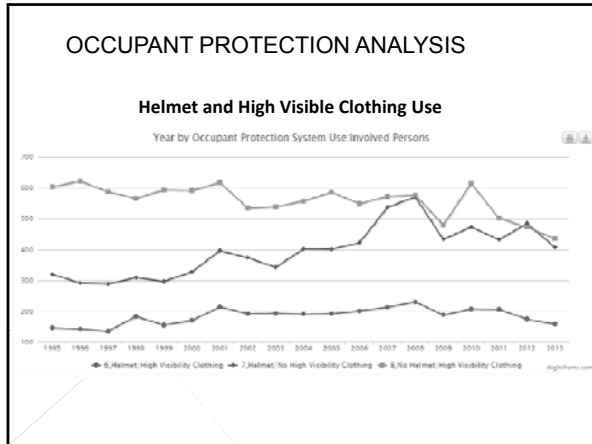
---

---

---

---





---

---

---

---

---

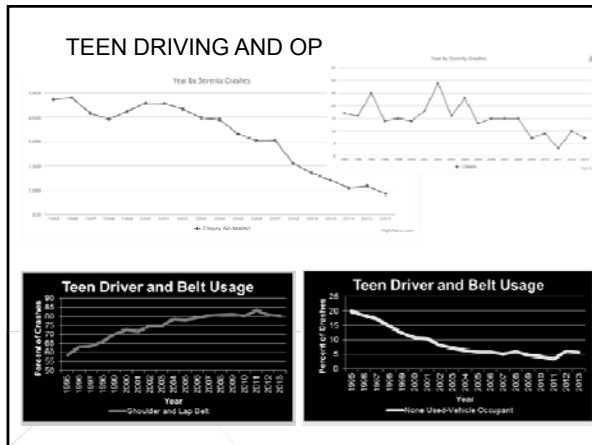
---

---

---

---

---



---

---

---

---

---

---

---


---

---

---

### QUESTIONS

**Eric Jackson, Ph.D.**  
Assistant Research Professor  
Director, Connecticut Transportation Safety Research Center  
Connecticut Transportation Institute  
860-486-8426  
e.Jackson@enr.uconn.edu



---

---

---

---

---

---

---

---

---

---