

Illinois Traffic Records Coordinating Committee Minutes  
October 17, 2011

Attending: Sherri Akers, Rob Robinson, Mike Miller, Mary Gott, Suzie Myers, Jay Keeven, Joyce Schroeder, Peggy Westerfield, Gwen Montgomery, Darrell Clark, Jessica Keldermans, Mark Blankenship, Jim Garceau, Shannon Alderman, David Gruenenfelder, John Jones, Roseanne Nance, Priscilla Tobias, Kristi Edwards, Dennis Embree

By phone: Kim Kolody, Mike Gillette, Ruth Kafenstok, Dan Leonard, Abraham Emmanuel, Dan Mueller, Dewey Hartman, Dan Lee

Meeting was called to order by Lori Midden.

Sherri Akers presented the 408 Project Presentation by ISP on E-citation grant—(posted on website).

Priscilla updated committee on FHWA roadway project as well as strategic highway safety plan.

### **Safety Data Warehouse-Peggy Westerfield**

**Safety Data Mart** – Currently in maintenance mode; we have some requests that we are reviewing for initial analysis. Statistics from the prior 12 months: 1524 log-ins; with an average of 127 per month (low 80; high 219). This involved 162 unique user id's, with an average of 9 log-ins per user.

**Safety Analyst** – Participated in a Peer Exchange Visit to Ohio DOT. From a Safety Analyst perspective, they have many similarities with us, but some differences. Confirmed that for our data, the approach we are taking is on track; will be pursuing two new approaches (1-develop a statewide, state only dataset; 2-upgrade hardware/memory to improve processing times). They provided a sample tool that they use to analyze crash data that was developed using excel; we will be reviewing that to see if we can modify to support our data. Priscilla Tobias indicated that the AASHTO task force meeting was held last week to prioritize Safety Analyst software enhancements.

### **MCR/CIS-Jim Garceau**

#### **MCR**

- Continuing to support the existing user community ~30% electronic reporting using an adjusted calculation.

#### **CIS**

- Development on the project to upgrade the work flow components of CIS from a fully custom solution to one using Microsoft's WorkFlow Foundation product is well on its way. Some end user testing has started. Development is still on track to finish by the end of the calendar year with final testing in Jan/Feb of 2012.
- Finishing up the project to change the crash image repository to CMS's new Centera system. Will be testing in QA this week and tentatively going live next weekend (10/22).
- Having some initial conversations with Barry Eisemann, the NHTSA IT Manager that handles FARS, about a program they are establishing to accept electronic crash reports into FARS. Talking spring 2012 timeframe.
- XML Transfer:
  - iyeTek has 10 agencies in production (583 crash reports submitted thru 10/17)
  - New World has submitted their vendor test scenarios for review and approval

### **Crash Reports & Scanner Project Update-Jessica Keldermans**

The Stats Unit is 29 days behind the date of the crash and is working September 2011 crash reports. The Location Unit is 53 days behind the date of crash and is working August 2011 crash reports. Our case prep unit is scanning real time. Safety responsibility unit is working on 2011 cases. The 2010 Crash Facts publication was posted online in August.

### **Chicago Data Quality Improvement/City of Chicago-IDOT Data Integration-Abraham Emmanuel**

**Data Quality Improvement Project:** CDOT is working with the Chicago Police Academy on implementing this year's crash data quality improvement training course. This year we are focusing on the Crash Type field. This will be the second of the 12 critical fields that CODT and CPD have identified as the most critical in the Crash Report. This training course development is almost done and is ready for deployment. However we may hold off on rolling out the course as the CPD Academy would like to give officers couple more months for officers to take last year's training course on Intersection Crashes. The tri-fold/pocket insert to accompany the rollout of the Crash Type course has been printed and is ready for distribution. CPD Academy is also working on developing roll call training videos in addition to the e-learning course.

**Data Integration /Web MCR Project:** CDOT have no update since the last meeting. The R-Case bases system development is continuing at the Chicago Police. However work on the Crash specific module (for which the 408 grant is awarded for) is being halted due to the contractual issues for the primary vendor. CDOT is proposing a senior management level meeting of IDOT, CPD and CDOT staff to figure out a way forward. The new administration at CDOT and City is very committed in implementing the electronic reporting of crash reports for Chicago and we hope to resolve this issue as soon as possible.

### **Data Analysis/Data Reporting of Statewide Databases-IDPH-Evelyn Lyons**

#### **IL EMS Data Reporting System (<http://app.idph.state.il.us/emsrpt/>)**

This is an interactive web-based reporting system providing the general public quick access to statewide injury and illness-related information.

Updates: EMSC has received calendar year updates for 2010 Traffic Crash Reports, 2010 Hospital Inpatient and Outpatient, and 2008-2010 Trauma Registry. For 2008 mortality data,

EMSC worked with IDPH Vital Records to update our request in accordance with their new data file layout.

### **Traffic Crash “Quick Facts” Fact Sheets**

The set of eleven fact sheets were updated with 2009 crash data. They will be available at IDOT’s traffic safety and EMSC web sites.

### **Data Quality Studies**

The aim of these studies is to develop an in-depth systematic review of databases that can assist in the study of MV related injuries and their outcomes. Currently, we are assisting the CODES program in devising a strategy to obtain otherwise missing information on Blood Alcohol Content values from Trauma Registry, if injured victim was admitted to a Trauma Center and a valid BAC result is available. The first phase of this study is to examine what is available in the data.

Also, Study of MV injury-related reporting from ED visits in Illinois is being conducted in order to: determine quality of injury data; subset ED records according to established case definition for injury surveillance for both overall injuries and MV traffic injuries; describe the cases of emergency departments’ MV-treated injuries.

Dan Lee reported that 100% of collected data is in NEMSIS format—408 project. Met the benchmark for 408. 100,000 records collected in new format. Quality of data is great. Biggest challenge is compliance-getting data in from all providers for every quarter. Administrative code might have to be changed to accomplish this. Dan will give a full report at the next quarterly meeting.

### **CODES—Mehdi Nassirpour**

Mehdi is excited about being able to link 2009 crash data to hospital inpatient data as well as outpatient. Areas of focus motorcycle, teen, safety belts and impaired driving. Will provide list of link data variables and ask for suggestions of topics. As we develop the strategy plan we need to place a special emphasis on performance measures in all areas.

**Strategic Plan**—Lori reported that Data Nexus was hired 5 years ago to develop TRCC strategic plan. After this year’s assessment, we are working on developing a new strategic plan using the recommendations from the assessment. Darrell Clark will be heading up this project. Mehdi and Lori will be assisting. This will be developed as a simple, understandable document outlining the end results. Using a matrix to identify each different systems and what needs to be changed, with possible projects to be assigned to different groups. This will be a working document to help the entire committee. Lori asked for volunteers to be on planning committee. Priscilla volunteered to help.

### **Subcommittee reports**

**Planning--Jessica Keldermans**—have not met—will schedule a conference call before next meeting.

**Data Quality--Jay Keeven/Shannon Alderman**—met on Oct 13<sup>th</sup> and decided to merge human factors with data quality as many things overlap. Will meet on November 9<sup>th</sup>. Working on data elements and missing data.

**Engineering Factors--Priscilla Tobias**—just submitted Fed Highways/USDOT 5% transparency report which identifies roadways/segments/intersections based on severity that are over-represented. Helps focus efforts. Highway safety manual allows us to set up processes that will incorporate safety in all areas. We developed safety performance functions for state route and intersections across the state. Very useful in multi-year construction programs—this rating number will factor in the planning process. Performance measures and criteria will be developed.

GIS/cable rail—analyzed entire highway system and identified problem areas. Just completed analysis of entire rural highway system for center line and shoulder rumble strips and prioritized segments. Multi-year program will use this analysis.

Overall shoulder and guardrails will be looked at. Over representation tool has been developed for use as well. Other tools have been developed as well and are available on their website.