Kentucky Traffic Records Advisory Committee – Meeting Minutes – 2022-05-04

Started 105pm - Ended 234pm – 22 people when started, total of 26 during call

1. Introductions
2. Transfer of duties from Brad Franklin to Ed Harding
3. Presentation of Applications for FFY2023 405c Funding

4. NON-LE-2023-Universi-0006
    o Improving State Trauma Registry Data
    o University of Kentucky Research Foundation
    o Dr. Julia Costich
    o Injury Surveillance
    o Discussion
        ▪ May be changing data management vendors in the next few years
        ▪ Roughly quarter of trauma hospitals in the state reporting
        ▪ Turn over is issue with the people reporting the activity – 2 trainings for registrars, virtual
        ▪ Data is housed in UK Clinical Data Center
        ▪ Not working with KBEMS on integration yet but will be
        ▪ Had legislation filed but did not make it out of committee
5. NON-LE-2023-Kentucky-0014
    o Kentucky Emergency Medical Service Information System (KEMSIS)
    o Kentucky Board of Emergency Medical Services/KCTCS
    o Randall Eimerman
    o Injury Surveillance
    o Discussion
        ▪ Randall took over for Drew Chandler
        ▪ Statewide system is vendor product
        ▪ Moving to NEMSIS 3.5.0 standard
            • Modifying choices to help make it easier to enter data
            • From 800+ choices to 75
            • Allow for completing data before leaving the hospital
        ▪ Working on sharing between trauma registry and EMS
        ▪ 100% of data is submitted to state system
        ▪ For transition to 3.5.0, focusing on data forward from June, not planning on clean up of older data
        ▪ Added code matching target, added out of state hospitals, added walk in and transfer identifiers
        ▪ UDID discussion, look into adding to trauma registry and vendors ESO and ImageTrend are adding it
        ▪ ImageTrend Elite is the vendor product
6. NON-LE-2023-Universi-0038
    o Decided to wait till later in the meeting to discuss
7. NON-LE-2023-Universi-0044

- o Populating Traffic Volume Using Ubiquitous Probe Vehicle Data
- o University of Kentucky-KTC
- o Dr. Reginald Souleyrette
- o Roadway
- o Discussion
  - Presented by Eric Green and Reg Souleyrette
  - Getting traffic volume data for local roads
  - Novel approach – using probe data – and applying machine learning and AI to estimation
  - Improves MIRE compliance
  - Improves data analysis
  - Some previous activity occurred under an FHWA SPR
  - Mei Chen has been working with Melissa Brown at KYTC
  - Probe data is from private sector compiled information

8. NON-LE-2023-Universi-0038
   - o Data Linkage to Improve Traffic Safety Data Set Integration in Kentucky
   - o University of Louisville Center for Transportation Innovation
   - o Dr. Robert Kluger
   - o Injury Surveillance
   - o Discussion
     - Integrating KEMSIS data, trauma data, crash data
     - 2019 data all loaded right now
     - Looking into data integration dashboard, showing the access protocols
     - Found some regions with gaps in data quality, work on reporting those and communicating them
     - Been working with KTC Reg and Alex on new data sets
     - Have monthly meetings

9. NON-LE-2023-Universi-0046
   - o Monitoring, Assessing and Improving Kentucky Highway Safety Data (Traffic Records)
   - o University of Kentucky-KTC
   - o Dr. Reginald Souleyrette
   - o TRCC
   - o Discussion
     - Reg and Sam and Len presented
     - Continuation of facilitation project – work with system custodians
     - Metrics and goals and project tracking
     - Still working on peer state analysis from this year

10. NON-LE-2023-Universi-0047
    - o Kentucky Traffic and Safety Data Service (KTSDS)
    - o University of Kentucky-KTC
    - o Dr. Reginald Souleyrette
    - o Crash/Roadway
    - o Discussion
      - Continuation

- ▪ Working on web portal
- ▪ Transition of assignments to Alex Wong
11. NON-LE-2023-Universi-0051
    - ○ IMPROVING AGGRESSIVE AND DISTRACTED DRIVING CRASH RECORDS
    - ○ University of Kentucky-KTC
    - ○ Dr. Eric Green
    - ○ Citation/Crash
    - ○ Discussion
        - ▪ Tony presented
        - ▪ Been working on SHSP development of task forces – aggressive driving and distracted driving
        - ▪ Issues trying to determine data – look into combination of fields to provide, review other states techniques
        - ▪ Integration for second portion – work on access to citation data
        - ▪ Police training offering to help with collection and narrative wording to highlight key words
        - ▪ "at work" indicators for collision data – mentioned in EPRC, Kaitlin Pope doing some work on it
12. NON-LE-2023-Universi-0052
    - ○ Crash Data Visualization and Mapping
    - ○ University of Kentucky-KTC
    - ○ Dr. Eric Green
    - ○ Crash/Roadway
    - ○ Discussion
        - ▪ Ben presented
        - ▪ Inspired by work on SHSP – data graphics for the plan
        - ▪ Automate annual report to make many different visualizations
        - ▪ Support the 6 task forces under the SHSP
13. NON-LE-2023-Universi-0053
    - ○ Integrating Speed Measures into Roadway Database
    - ○ University of Kentucky-KTC
    - ○ Dr. Eric Green
    - ○ Roadway
    - ○ Discussion
        - ▪ Xu presented
        - ▪ Integrating speed data into analysis systems
        - ▪ Use operating speed for analysis for safety
        - ▪ Multiple requests for analysis on this for KYTC projects
        - ▪ Speed data is from vendor – on vendor network – meaning work to associate with KYTC network on derived product
        - ▪ Worked with Jeremy Gould and Chris Lambert on Waze data in past
        - ▪ Working with Daniel Hulker and Steve DeWitt and Thomas Witt