Report on Data Dissemination and Future Enhancements to NCHS PCORTF Projects

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NCHS PCORTF Projects of Focus

1. Enhancing Identification of Opioid-Involved Health Outcomes Using Linked Hospital Care and Mortality Data (DHCS & DAE)
   - Improving data quality and providing more specific information about drugs involved in death on DVS statistical files, NDI and VSRR

2. Strengthening the Data Infrastructure for Outcomes Research on Mortality Associated with Opioid Poisonings (DVS)
   - Creating data files containing linked records of hospitalizations, cause of death and information on specific drugs involved

Purpose of the Meeting

- Ensure that the products for improving identification of opioid-involved hospital visits in the National Hospital Care Survey are aligned with end-users

- Ensure modifications made to the mortality data infrastructure are aligned with the needs of end-users

- Review effective strategies to reach researchers and public health communities and help them understand how the investment in mortality data infrastructure will benefit research

Topic Areas Discussed

1. Dissemination of mortality data

2. Future enhancements

3. Documentation, promotion, and dissemination

4. Future data linkage

Themes- Generating Interest

- Approach new data projects with a communications planning perspective that highlights value to engage users

- Make data and methods available in an easy and consistent suite of products (monthly webinars, websites, etc.)

- Access and monitor usage data via existing mechanisms and leverage the existing touchpoints

- See users/researchers as collaborators and stakeholders who can generate interest in the data set

- Increase the capability to investigate disparities

- Include professional societies in dissemination

Themes- Uses of Data

- Provide transparent documentation of methods used to match records (foster credibility, rigor, and use)

- Share contextual factors
  - Provide information on state to state variation on mortality data quality

- Provide guidance on data use

- Publish validation studies

Themes- Documentation and Sharing of Data

- Provide usable open data, code, and tables/graphics

- Recommend documentation format
  - GitHub for coding and data documentation
  - PDFs for historical information and HTML for broader access
  - Multiple accessibility formats

- Publish comprehensive orientation and summary documents
  - Provide instructions for writing a proposal using the new datasets

- Provide fabricated data to allow users to test code before going to RDC

- Post data in one place but encourage reposting to other locations

Themes- Enhancements to Datasets

- WONDER
  - Improve the logical operators (Add NOT to OR and AND)
  - Include place of occurrence in addition to place of residence
  - Include supplemental drug information

- Include race, geographic data on VSRR interface

- Provide information on provisional state mortality data thresholds

Other Ideas

- Work with NIH and NIDA to highlight these datasets in future relevant RFAs

- Work with NCHS/CDC, as part of the PCOR work, to solicit proposals from researchers
  - Waive the data set use fees for a small number of approved proposals in order to test the use of these data sets

- Require LOS from key parties

- Utilize different strategies for engaging different data user groups

Questions?

Thank you!