



Environmental/Occupational/Injury (EOI) Steering Committee Update CSTE Executive Board Meeting, November 2017

Steering Committee Chair: Sharon Watkins, PhD

CSTE Staff Leads: Amy Patel, MPH; Song Xue, MPH; Hayleigh McCall, MPH; and Nikka Sorrells, MPH

Priority Discussion Items:

- Anticipated Position Statements for 2018
 - Tentative – Proposed case definition for injury surveillance resulting from the ICD-10-CM work
 - White Paper – A workgroup has convened to develop a white paper to identify the gaps in environmental health monitoring in schools and daycares
 - Under Discussion – Revision of the carbon monoxide poisoning position statement
 - Goal would be to simplify case definitions, make case definitions consistent with surveillance practice at the state and national levels, and to add this condition to the *Nationally Notifiable Condition List*.
- CSTE-wide issues that emerged from a call related to launching drug poisoning surveillance TA work
 - Membership burnout
 - Lack of capacity even at the “high capacity” levels to stay afloat of the drug poisoning issue
 - Lack of a clear home for drug poisoning epidemiology and surveillance work (at CSTE and states)
 - Lack of understanding of the various funding mechanisms and the grant deliverables (at state and CDC level) – relevant for injury/drug poisoning and environmental health



Injury Subcommittee: Michael Bauer (NY), Amy Patel

- CSTE has received new funding (\$800,000) to support technical assistance (TA) and training in drug poisoning surveillance. The TA support is centered around CDC NCIPC's three grantee programs to states related to drug overdose: the Data-Driven Prevention Initiative (DDPI), Prevention for States (Pfs), and Enhanced State Surveillance of Opioid-Involved Morbidity and Mortality (ESSOS) grantee programs. Key activities of the scope of work include a national capacity assessment of drug poisoning surveillance to identify tiers of capacity levels and needs; development of a training curriculum based on results from the assessment; training implementation through regional trainings, on-site epi aid technical assistance, and toolkit development; and will conclude with a national workshop and evaluation of the TA received through the training curriculum.
- The CSTE Injury ICD-10-CM Transition Workgroup, which was launched in Fall 2017, continues to meet through twice monthly webinar calls to assess data quality, pilot test the proposed external cause matrix, and begin injury case definition development. The Injury Sunday Workshop was a working meeting for the workgroup with an interim workgroup report near finalization. The workgroup has an in-person meeting on November 15-16, 2017 in Atlanta, GA to start formalizing recommendations for case definition development by the spring of 2018.
- The CSTE ICD-10-CM Drug Poisoning Indicators Workgroup, a parallel workgroup to the aforementioned one, held their in-person kickoff meeting on September 20-21, 2017 in Atlanta, GA. This workgroup will examine ICD-10-CM coded data related to the proposed drug poisoning indicators, coordinate pilot testing with states, and evaluate the related indicators to provide recommendations for standardized guidance. The focus of current subgroups include development of a case definition, validated data set, standardized template, trend analyses, and coding outreach.

**Occupational Health Surveillance Subcommittee: Kenneth Rosenman (MI) & Rebecca Jackson (CA), Song Xue**

- The Winter CSTE OH Subcommittee Meeting in conjunction with the NIOSH State Partners Meeting and the NIOSH Workers' Compensation Meeting will be held this year in St. Paul, Minnesota on December 4th-6th. The planning committee for the meeting has convened and have identified areas of interest to present and discuss at the Winter Meeting. Tentatively, the agenda will include updates on the CSTE's partnership with AOEC OHIP, the work of the OHI Workgroup, review of past position statements and potentiality of new position statements given the new CSTE position statement process, the OH Integration document, and a progress report of the current CSTE Occupational Capacity grant and preparation for the next grant.
- A new OH workgroup on electronic case reporting through the Reportable Conditions Knowledge Management System (RCKMS) has been recently convened to examine case examples and held a meeting in Atlanta on September 7-8th, 2017. The workgroup identified Silicosis, coccidioidomycosis, and workplace asthma as workable conditions that occupational health would like to see implemented in RCKMS. Further work with this subject will be developed through additional dialogue within the workgroup and stewarded by NIOSH.
- A partnership with the Association of Occupational and Environmental Clinics (AOEC) is ongoing to develop an effective emerging OH hazards alert system that includes states and clinics.
- Three OH Subcommittee members continue to serve on the National Academies of Sciences, Engineering, and Medicine committee on "Developing a Smarter National Surveillance System for OSH in the 21st Century."
- CSTE collaborates with AOEC for the Occupational Health Internship Program (OHIP) to fund two students for a 9-week summer internship hosted at a STLT health department in partnership with a community-based organization. The 2017 selected OHIP host site was the Wyoming Department of Workforce Services to investigate the health and safety experience of truck drivers by piloting a survey and developing a tailored health education handout. CSTE is now going through the process of requesting and reviewing host site applications for the 2018 OHIP season.
- CSTE continues to offer letters in support of important occupational health developments. The most recent letters were in support of AOEC grant renewal for OHIP and Dr. Jeffrey Fedan's research project in the effects of metabolic syndrome on silicosis.
- Seven new Occupational Health Success Stories have been posted to CSTE website. States continue to publish state-based surveillance articles in the monthly NIOSH e-newsletter and NIOSH science blog.

Regional Occupational Health Meetings

- The 10th Annual WestON meeting was successfully convened on September 13-14, 2017 in Denver, CO with ~65 in-person attendees and 10 webinar participants under the U13 collaboration-based conference grant. This year's keynote speaker was Michael Grabell from ProPublica, who spoke on changes that could be considered the Dismantling of Workers' Comp. Other topics of the meeting included OH Informatics, Worker's Health in the Marijuana Industry, Total Worker Health, Social Justice in OH, and many more. Recordings of the meeting and copies of the presentation are available on the CSTE Meeting and Webinar Library websites. The 10th WestON Meeting also marks Yvonne Boudreau's last WestON, as she is retiring from NIOSH in the spring. Elizabeth Dalsey of NIOSH will be taking on Yvonne's NIOSH role in the primary planning and execution of the next WestON in 2018.
- The 6th Annual SouthON Meeting was successfully convened on April 6-7, 2017 in Nashville, TN with 60+ attendees. Education Research Centers (ERCs) are supporting a follow-up project on opioid exposure among first responder and law enforcement workers. Site selection for the 2018 SouthON meeting is currently underway.

- The 27th Annual Northeast Regional Occupational Health Meeting (“NEON”) was successfully convened on May 8-9, 2017 in Chester, MA. NEON is looking to work more closely with CSTE for future meetings.
- Midwestern states expressed interest in developing a similar regional network, “MidwestON,” and they are working with various partners to develop “MidwestON” to strengthen regional OH surveillance capacity. Initial expectations are that a hosted webinar will be the focus of the first event and then gauging the interest in the webinar, movements toward setting up an annual meeting will be made.

CSTE Occupational Health Webinars for 2017

- “The Health of Migrant Workers in the United States” webinar via CSTE Border/International Health Subcommittee from May 1.
- “Exploring Occupational Health and Safety Issues in the Marijuana Industry” webinar, focusing on collaborations and partnerships, via the CSTE OH Subcommittee and the CSTE Marijuana Subcommittee from May 15.
- “Employer Reporting of Workplace Injury and Illness in the United States” to discuss a new OSHA reporting rule via CSTE Public Health Law Subcommittee from May 24.
- CSTE is collaborating with NIOSH to host a webinar on their EHR initiatives on November 9, tentatively titled “What’s Going On? NIOSH Progress with Electronic Occupational Data for Health (ODH).”
- CSTE webinars and slides are archived and accessible through the CSTE Webinar Library: <http://www.cste.org/?page=WebinarLibrary>.

Occupational Health Indicators (OHIs)

- State-submitted 2013 OHI data were posted on the CSTE website along with updates to 2012 OHI data.
- State-submitted 2014 OHI data were submitted to the OHI workgroup for review and will be posted on the CSTE website upon final review this winter.
- The 2017 CSTE OHI Guidance Manual and reporting template were released in the spring, so that states could be prepared to submit OHI data to CSTE/NIOSH by June 30, 2017.
- The OHI workgroup continues efforts to streamline and facilitate the ICD-10-CM coding transition. Several states are currently pilot testing ICD-10-CM codes for pneumoconiosis and burns, while codes lists for OHI 22 (traumatic) and OHI 20 (lower back) are currently being reviewed.
- A new proposed OHI on work-related eye injuries was approved for further piloting at the Winter OH Subcommittee Meeting and, pending revisions, will be voted upon for adoption at the next OH Subcommittee Meeting.
- CSTE is working with NIOSH to better display state-level OHI data using Tableau data visualization software.



Environmental Health Subcommittee: Sharon Watkins (PA), Melissa Jordan (FL), Hayleigh McCall

- The CSTE EH leadership group will meet with partners at CDC/NCEH on November 15, 2017 to discuss recent successes of CSTE EH subcommittees, future opportunities for partnership, prioritization of activities for the upcoming cooperative agreement, and shared areas of interest.
- The CSTE EH leadership group developed and disseminated an assessment to evaluate environmental health member interests. The three top topics of interest indicated by members to focus on in 2017-2018 year were:

utilizing environmental health data to bridge community concerns (i.e., health impact assessments, indicators), environmental health issues in disparities, and environmental health methods and tools.

- CSTE convened a small workgroup to develop an assessment tool to explore the feasibility and utility of Electronic Death Registration Systems (EDRS) for surveillance and emergency response. The workgroup consisted of representatives from state and local health department epidemiologists (surveillance and disaster epidemiology), state vital registrars, medical examiners, and CDC SMEs. The assessment pilot was completed in March 2017 and full launch will be completed in late 2017. A portion of the assessment will be sent to State Epidemiologists and a portion will be sent by the National Association of Public Health Statistics and Information Systems (NAPHSIS) to the State Registrars. A summary report will be available in spring 2018.
- CSTE's workgroup focused on children's environmental health in schools and daycares continues to garner interest. A consultant will be brought on to develop a white paper on the current surveillance capacity of public health agencies to consider environmental health in schools. The workgroup hopes to use the white paper as a platform to create a position statement (or a similar position letter) like the National Aeroallergen Position Statement (i.e., 16-EH-01). Other goals of the workgroup are to develop and pilot test indicators on environmental health in schools, learn about how various jurisdictions track, and follow up on public health concerns in schools.



Disaster Epidemiology: Tess Konen (MN), Hayleigh McCall

- The Disaster Epidemiology subcommittee convened the 8th Annual Disaster Epidemiology Workshop May 16-17, 2017 in Atlanta, GA. The goals were to: 1) provide relevant and timely learning opportunities and 2) provide opportunities for attendees to network and build partnerships with epidemiologists from across subject disciplines to share best practices and collaborate on epidemiologic approaches towards improving all-hazard disaster preparedness and response capacities at local, state, regional, and national levels.
- The Disaster Epidemiology subcommittee has two workgroups: the Shelter Surveillance workgroup and the Disaster Epidemiology Guidance Document workgroup. The Shelter Surveillance workgroup is developing a shelter surveillance guidance document for state and local health departments. The Disaster Epidemiology Guidance Document workgroup is developing a disaster epidemiology guidance document to highlight case studies of how disaster epi has been implemented in various jurisdictions across the nation. Both workgroups are in the final stages of drafting the documents and will soon begin the clearance process.
- CSTE partnered with CDC to host three CASPER (Community Assessment for Public Health Emergency Response) regional trainings this year. The first training was held in Texas in February 2017 and the two other trainings were held in Wisconsin and Illinois in June 2017.
- CSTE also partnered with CDC to support two local health departments to conduct CASPERs focused on drought. The first CASPER was conducted in Mariposa, California in October 2016 and the second was in Crook County, Oregon in May 2017.



Climate & Health: Lauren Thie (NC), Hayleigh McCall

- The CSTE Climate Change subcommittee recently adopted a new name: the Climate & Health workgroup. The revised name better aligns with the subcommittee's activities.

- CSTE, in collaboration with the International Society for Disease Surveillance (ISDS), convened a workgroup on syndromic surveillance associated with climate-sensitive environmental exposures. The workgroup developed a guidance document for using syndromic surveillance systems for climate-related illness/conditions/deaths, and it is publicly available on the CSTE website.
- The Asthma and Allergy workgroup assessed member interests in August 2017. After evaluating responses, the leadership and workgroup members mutually agreed to rescope the workgroup's goals to better address their interests. The workgroup, now renamed the Climate & Respiratory Health workgroup, will continue to develop a national aeroallergen monitoring network while also incorporating other climate and respiratory disease topic areas into their discussions.
- CSTE has reconvened the Heat Syndrome workgroup to evaluate the utility of a guidance document released last year titled "Heat-Related Illness Syndrome Query: A Guidance Document for Implementing Heat-Related Illness Syndromic Surveillance in Public Health Practice." In addition, the workgroup is beginning to develop a comparable guidance document for cold-related illnesses.

Presentations

- Disaster Epidemiology 101 at the NACCHO Preparedness Summit, April 2017
- Potential future presentations: Disaster Epidemiology 101 at the NACCHO Preparedness Summit, April 2018; Disaster Epidemiology Tools at the NACCHO Preparedness Summit, April 2018

Webinars

- Climate and Health Syndromic Surveillance – An Analysis of Current Practices by National Climate Assessment Region, March 2017
- Upcoming webinar: Informative webinar on the Division of Fusion in ASPR's Office of Emergency Management, November 2017

Active Liaisons

- National Environmental Health Partnership Council – Lori Harris-Franklin
- National Alliance for Radiation Readiness (NARR) – Jennifer Beggs and Betsy Kagey
- National Health Security Preparedness Index – Martha Stanbury