

2027 CSTE Annual Conference | Abstract Topics

Chronic Disease & Maternal and Child Health

CD/MCH Intersection with Mental Health and Substance Use

Exploring Use of Administrative and Clinical Data for CD/MCH

Advancing Data Equity, Exploring Health Disparities and Social Determinants of Health for CD/MCH

Oral Health

Maternal Mortality, Infant Mortality, and Birth Outcomes

CD/MCH Intersection with Infectious Disease

CD/MCH Innovative Surveillance Methods, Modernization, and Enhancing Data to Action

Expanding Perspectives on Life Course Surveillance

Environmental Health & Occupational Health

Air Quality and Respiratory Health

Climate and Health

Environmental Health Investigations

Health Equity and Environmental Justice

Novel Data Sources or Topics in Occupational Health

Translation: Occupational Health Data to Action

Occupational Surveillance Methods and Tools

Special Populations in Environmental Health

Special Populations or Events in Occupational Health

Water Quality, Waterborne Disease, & Harmful Algal Blooms

Health Equity and Tribal Epidemiology

Health Disparities, Epidemiologic Methods

Health Equity, Data to Action

Health Equity, Engaging Communities

Tribal Epidemiology

Health Security, Policy & Law

Data Privacy, Data Use Agreements, Policies and Laws Related to Data Sharing
Disaster Epidemiology
Health Equity: Laws and Policies that Enforce/Dismantle Inequities
Public Health Readiness, Response, Recovery, & Resilience
Public Health Preparedness, Readiness, and Risk Assessment

Infectious Diseases

Advanced Molecular Detection (i.e., whole genome sequencing, genomic epidemiology, and associated bioinformatics topics, etc.)
Antimicrobial Resistance & Antimicrobial Stewardship
Emergency & Miscellaneous Infectious Diseases (including Legionnaires' Disease, other mycotic/fungal disease, Ebola, Marburg, TB, and AFM)
Enteric Disease
Forecasting and Modeling
Healthcare-Associated Infections
Hepatitis
HIV & STIs
Viral Respiratory Diseases (e.g., influenza, COVID-19, RSV, etc.)
Vaccine-Preventable Diseases (excluding viral respiratory disease like influenza, COVID-19, and RSV)
Vector-Borne & Zoonotic Diseases / One Health Topics
Wastewater Surveillance

Injury, Substance Use & Mental Health

Cannabis, Alcohol, and Tobacco Use
Drug Use and Overdose Impacts (including non-prescription drugs or substances attained in retail establishments)
Emerging Issues in Injury/Substance Use and Mental Health
Health Disparities and Social Determinants of Health in Injury/Substance Use and Mental Health
Innovative Methods in Injury/SUMH
Interpersonal Violence (including homicides and/or assaults)
Mental Health
Suicide and Self-Harm
Unintentional Injuries

Surveillance & Informatics

Assessment and Improvement of Data Quality, Completeness, and Standardization

Data to Action (examples of how surveillance data informed public health response)

Data Modernization Progress and Success

Public Health Data Exchange Standards, Policy, and Governance

Data Visualization Tools, Dashboards, and Applications

Electronic Case Reporting

Electronic Disease Surveillance Systems

Electronic Laboratory Reporting

Informatics Workforce, Infrastructure, Capacity

Innovative or Novel Informatics Solutions (e.g., AI, machine learning, data lakes, shared services, master patient index, implementation of FHIR, open-source software)

Interdisciplinary Approaches to Surveillance/Informatics

Interoperability Across Public Health Agencies and Systems

Modern Technical Methods for the Detection and Management of Outbreaks/Clusters

Syndromic Surveillance

Utilizing Nontraditional Data Sources for Public Health Surveillance

Workforce Development

Applied Epidemiology Competencies

Communicating Epidemiology

Epidemiologic Methods

Epidemiology Capacity and Workforce Development

Public Health Collaborations

Public Health Workforce Mental Health, Resilience, and Well-Being