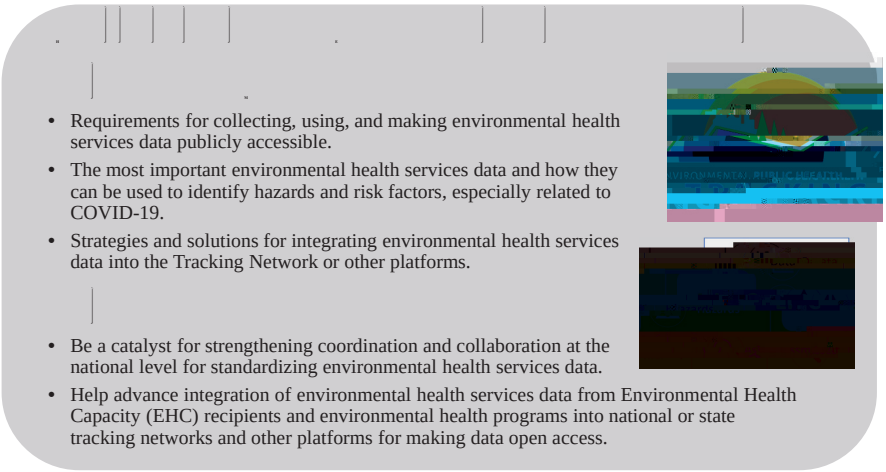
TABLE 1

Website Links to Explore Environmental Health Data Modernization Efforts in Different Jurisdictions in the United States

Jurisdiction	Website Link
California	www.trackingcalifornia.org
Connecticut	https://stateofhealth.ct.gov
Florida	www. oridatracking.com/healthtracking
Kentucky	https://kyibis.mc.uky.edu/ehl
Maryland	https://health.maryland.gov/phpa/oehfp/eh/tracking/Pages/home.aspx
Michigan	www.michigan.gov/mdhhs/0,5885,7-339-71548_54783_54784_78428---,00.html
New Mexico	https://nmtracking.org
New York City	https://a816-dohbesp.nyc.gov/IndicatorPublic/publictracking.aspx
Oregon	www.oregon.gov/OHA/PH/HealthyEnvironments/TrackingAssessment/EnvironmentalPublicHealthTracking/Pages/index.aspx
Rhode Island	https://health.ri.gov/programs/detail.php?pgm_id=1123
Washington	www.doh.wa.gov/DataandStatisticalReports/WashingtonTrackingNetworkWTN

FIGURE 1

Importance of the Environmental Health Data Modernization Work Group



wells and septic systems. The state is also integrating wastewater monitoring data for COVID-19 within its tracking portal.

- Michigan is establishing mini grants with local health departments to identify data priorities and gaps. The state is also establishing pilot initiatives to improve data systems, collection, management, and distribution.
- New Mexico is building and strengthening partnerships between the New Mexico Tracking Program, New Mexico Environmental Health Capacity, and Liquid Waste Bureau of the New Mexico Environment Department for assessment of threats to groundwater (e.g., private wells) and water quality, as well as strategic decision making to mitigate harmful drinking water exposures including those related to onsite wastewater liquid waste disposal.
- New York City is developing a platform to provide secure data access through an application programming interface (API) and pilot testing the platform with environmental health services data. The jurisdiction is also creating a content management system to help nontechnical staff members produce online narrative content for a public data-sharing portal, including data stories and annual reports.
- Oregon is modernizing the collection, integration, dissemination, and application of domestic well testing data, including programmatic and water quality data collected during routine real estate transactions and special projects (e.g., a wild re-impacted domestic well test voucher project).
- Rhode Island is pilot testing a data integration and automation project using data from the Center for Food Protection within the Rhode Island Department of Health to link food protection, environmental public health tracking, and geographic information into a public health data surveillance system that is modern, interoperable, and real time.
- Washington is building on existing relationships, capacity, and expertise to modernize the collection, integration, distribution, and application of environmental health data to include lead in school drinking water testing results and pesticide illness investigations on the Washington Tracking Network.

In addition to working on their own projects, the funded jurisdictions participate in an environmental health data modernization work group to aid collaboration and adoption of best practices across programs and among unfunded jurisdictions. The work group focuses on a variety of topics, including data standards, data pipelines, data display and dissemination, integration of data with tracking systems, and tool development (Figure 1). These jurisdictions also participate in projects for CDC's Environmental Health Capacity (EHC) program or the National Environmental Public Health Tracking Network. To learn more about these programs, visit www.cdc.gov/nceh/ehs/ehc/index.html and www.cdc.gov/nceh/tracking/default.htm.

The Road Ahead in Data Modernization

CDC is dedicated to unlocking the full potential of data for disease detection, elimination, and prevention by supporting projects such