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What do public health officials expect from modelers during a response to an epidemic or outbreak?

MARTIN MELTZER, Centers for Disease Control and Prevention

Since 2009, the CDC has participated in emergency responses ranging from small domestic outbreaks involving a few hundred people, to international public health emergencies affecting millions of individuals from around the world. Each response required unique skills from the CDC'S Modeling Task Force to address public health officials' questions and to help them make informed decisions. This presentation will discuss the roll of the Modeling Task Forces in the CDC's Incident Management structure and some of the models used to assist officials in making decisions about the potential size of the public health crisis, how effective interventions could be, and what resources are required.