**ACTIVITIES**
If we (CDC and partners) do this …

**COORDINATE PEOPLE AND SYSTEMS**
- Create interoperable systems: federal, state, local, and healthcare
- Coordinate investments, decisions, and policies across CDC and with partners
- Make data sharing easier through common policies, practices, and standards
- Advance academic and private partnerships

**ACCELERATE DATA FOR ACTION**
- Identify data for priority public health needs
- Upgrade and modernize IT infrastructure
- Strengthen the data science workforce
- Adopt open standards and tools while protecting data security
- Translate data into evidence-based recommendations

**SUPPORT STRATEGIC INNOVATION**
- Seek partner-driven data solutions
- Develop next-generation tools (e.g., modeling, visualization, predictive analysis, machine learning)
- Strengthen predictive analytics and forecasting

**SHORT-TERM OUTCOMES**
... then we expect these changes to occur …

**COORDINATE PEOPLE AND SYSTEMS**
- Increased collaboration, communication, and messaging among CDC and partners
- Reduced data collection and reporting burden at state, tribal, local, and territorial levels
- Improved data sharing and interoperability through common standards like HL7® FHIR®
- Increased capacity to quickly analyze, interpret, and act on data

**ACCELERATE DATA FOR ACTION**
- Increased electronic reporting and specific enhancements to flagship CDC surveillance systems
- Stronger workforce in data science, analytics, modeling, and informatics
- Targeted real-time communication of data and results

**SUPPORT STRATEGIC INNOVATION**
- Integration and use of data from new or non-traditional sources
- Improved pathways to explore, develop, and deploy next-generation technologies
- Quick, continued data analysis with adjustment of modeling in real time

**INTERMEDIATE OUTCOMES**
... which will lead to …

**COORDINATE PEOPLE AND SYSTEMS**
- Effective coordination on complex health and emergency response challenges
- Timely and complete data reporting to CDC
- Efficient, secure data access and exchange between systems across the country
- A more comprehensive picture to improve decision-making and protect health for all

**ACCELERATE DATA FOR ACTION**
- Real-time, linked systems that recognize threats early to inform timely response
- A highly skilled workforce that applies state-of-the-art data skills and tools
- High-quality information and guidance to protect people’s health

**SUPPORT STRATEGIC INNOVATION**
- Open-source, enterprise-level technologies and coordinated systems
- New approaches to address present and future threats

**LONG-TERM OUTCOMES**
... our ultimate goals.

**COORDINATE PEOPLE AND SYSTEMS**
- CDC can rapidly identify and effectively mitigate emerging threats
- Trusted data promotes evidence-based behaviors, interventions, and solutions to protect health

**ACCELERATE DATA FOR ACTION**
- Every American has equal opportunity to attain the highest level of health possible
- All people have the right information at the right time to make decisions

**SUPPORT STRATEGIC INNOVATION**
- Our country is better prepared for, and protected from, all types of public health threats