EH17-1702 Enhancing Innovation and Cap

ENVIRONMENTAL PUBLIC HEALTH TRACKING

INPUTS

STRATEGIES

OUTPUTS

INPUTS

- Funding
- Partners
- Data and data sharing agreements
- Inventory of standardized tools, resources, and messages
- Existing Tracking Network with secure data exchange gateway
- Workforce expertise
- Public portal for NCDM

STRATEGIES

Science and Content (SC)
SC1. Identify and integrate public health and environmental data

SC2. Analyze and apply data to translate science into action

Technology and Informatics (TI)
TI1. Maintain and enhance information technology infrastructure

Communications (C)
C1. Conduct program marketing and outreach

C2. Initiate, maintain, and expand partnerships

Program Services (PS)
PS1. Increase organizational capacity to support the Tracking Network

PS2. Monitor the impact and performance of program activities

OUTPUTS

Science and Content
Standardized and accessible environmental and health surveillance data

Generated and disseminated environmental public health evidence

Technology and Informatics
Comprehensive surveillance system with tools, guides, and best practices

Communications
Targeted communications products and messages

Partnerships with environmental health stakeholders

Program Services
Environmental health workforce participate in workgroups and provide training

Systematic approach to assessing program activities and overall performance

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bilities of the Environmental Public Health Tracking Network

EH17-1702 Logic Model

OUTCOMES

Short-Term

Science and Content
lth and environmental
a are accessed and used
nternal and external
iences

**velopment of
geted jurisdiction-
ecific or program-
ecific activities
sed on generated
dence**

chnology and Informatics
ient, accessible, and
er quality display of data

Communications
eased awareness of the
king Network and
ironmental health issues

aged partners and users

Program Services
ed workforce able to
ect and interpret data and
slate information for
on

roved program activities
increased program
ctiveness based on
uation findings

Mid-Term

Public health agencies
and partners use data
to inform decision
making and drive
measurable public
health action (PHA)*

Long-Term

Communities improve
certain health
outcomes by reducing
their exposure to
environmental hazards

Contextual Factors:
* PHAs are defined using the
"10 Essential Public Health
Services"

Services

EH17-1702 Enhancing Innovation and Capabilities of the Environmental Public Health Tracking Network
Strategies and Activities

ENVIRONMENTAL PUBLIC HEALTH
TRACKING

CDC-RFA-EH17-1702 Strategies and Activities

Activities in the EH17-1702 NOFO fall into four broad categories: *Science and Content, Technology and Informatics, Communications, and Program Services* and encompass several strategies. Ongoing activities in each strategy should be informed by work across the entire program and grantee's priorities. For example, Communications activities should be tailored to reflect activities in Science and Content. These activities should lead to the outputs listed in the logic model.

Recipients need to demonstrate that 100% of the core activities are in place by the end of Year 1. Recipients must maintain all core activities each year. Recipients must also select and implement at least two new advanced activities per year. All advanced activities must be implemented and maintained by the end of Year 5.

SCIENCE AND CONTENT

Science and Content Strategy I (SC1)

Identify and Integrate Public Health and Environmental Data

5 Core Activities	1 Advanced Activity
SC1.A Identify and evaluate the strengths and limitations of health, exposure, environmental, and other data for the Network, in addition to work conducted as part of the Content Workgroup	**SC1.F** Address gaps or limitations in available data by collaborating with state and local programs to optimize data collection and ensure the inclusion of data elements relevant to environmental public health tracking; integrating novel or non-traditional data determined to be relevant and of sufficient quality (e.g., electronic health record data); conducting analyses and activities that either fills the identified data gap or extends the applicability of the available data; or expanding the availability and utility of sub-county data and measures
SC1.B Integrate data into grantee's Tracking Network and ensure the availability and accessibility of data as appropriate for program staff and internal and external partners	
SC1.C Maintain existing and newly adopted Nationally Consistent Data and Measures (NCDM) requirements including maintenance of NCDM data within the grantee tracking network, submission of NCDM data to CDC, and dissemination of required NCDM measures via grantee's Tracking Network https://www.cdc.gov/nceh/tracking/foa.htm	
SC1.D Disseminate additional indicators and measures to address grantee's priorities, optional NCDMs or other agreed-upon standards	
SC1.E Collaborate with CDC, data stewards, data users, and other tracking grantees to improve existing NCDMs and, adopt new and optional NCDMs as developed by the Content Workgroup	

Science and Content Strategy II (SC2)

Analyze and Apply Data to Translate Science Into Action

2 Core Activities	2 Advanced Activities
SC2.A Conduct routine descriptive analysis of Tracking data to evaluate quality and completeness of data; to examine state and local environmental public health issues; or to generate information for other state and local programs, state and local decision makers, and the general public	**SC2.C** Conduct routine analyses using Tracking data for the discovery of spatial, temporal, and demographic patterns of diseases, exposures, or environmental hazards; the timely identification of unusual events signaling the need for further investigation; or the non-research purposes of analyzing or linking health, exposure, and hazard data to help provide new insights or solutions to environmental health issues
SC2.B Use Tracking data to identify and prioritize the jurisdiction's environmental public health concerns and priorities, and need for action to help direct Tracking program activities including but not limited to those listed in this FOA	**SC2.D** Apply and interpret Tracking data to inform the development and evaluation of public health actions

Performance Measures Data Entry Instructions: __

Column C: List of the 27 performance measures which you will provide quantitative an
    Tip: Please see corresponding note for select performance measures. Right click th
small to read, please make your sheet view larger (zoom on the bottom-right corner of E

Column A: Corresponding EH17-1702 Strategy and Activity if applicable.
Column B: Measure identifier.

Column D: Data Source: Please use the drop down selections found in this column to i
Column E: Data Source "Othe"r: If the drop down selection does not describe the data s

Column F: APR Quantitative Updates: Please use this column to enter your quantitative
Column G: APR Quantitative Supplemental Column: This is a supplemental column whi
    being requested in the performance measure. Identify the specific event and
    Post, Number of Impressions) You may provide the name of the event, or p

Column H: APR Qualitative Updates: Use this column to provide the requested list and
    Tip: If you require additonal line items press[Alt]+[Enter] to start a new line

Column I: This column can be used to provide additional notes and/or feedback.

<u>Technical Support</u>
If you need technical support when using this template, please email your project officer

d/or qualitative updates on.
e cell where you see a red flag on the right-hand corner of the cell and select "Show/Hide c
Excel). More contextual information on the performance measure is listed.

ndicate the data source used to satisfy the performance measure.
source used please use this column to briefly state where the data was obtained from.

e data, simply input the total number that is being requested from the performance measure
ich primarily applies to communications measures. Use this column to provide the addition:
d the corresponding number (e.g., Presentation A: 13 participants; Presentation B: 8 Partici
resentation.

/or brief descriptions requested in the performance measure.

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al number that is
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Performance Measures W

Corresponding Strategy/Activity	Measure ID

Science and Content (SC) Perf
9 measures

Corresponding Strategy/Activity	Measure ID
SC1.C	SC.PM.1
SC2.A	SC.PM.2
	SC.PM.3
SC2.B	SC.PM.4

SC *Advanced Activity (AA)* Measur

Corresponding Strategy/Activity	Measure ID
SC1.F	SC.AA.5
SC2.C	SC.AA.6

SC2.D	SC.AA.7

SC Short-Term (ST) Outcome Meas

	SC.ST.8
	SC.ST.9

Technology and Informatics (T

4 measures

T1.B	TI.PM.1
TI1.D	TI.PM.2

TI *Advanced Activity (AA)* Measure

TI1.F	TI.AA.3

TI *Short-Term (ST)* Outcome Meas

	TI.ST.4

Communications (Comm) Perf

6 measures

C1.C	COMM.PM.1
C1.E	COMM.PM.2

	COMM.PM.3
Comm *Advanced Activity (AA)* Me	
C1.I	COMM.AA.4

Program Services (PS) Perform
9 Measures

	PS.PM.1
PS1.B	PS.PM.2
	PS.PM.2a
PS1.C	PS.PM.3
PS2.A	PS.PM.4
	PS.PM.5
	PS.PM.6
	PS.PM.7

PS Short-Term (ST)	Outcome Mea
	PS.ST.8

Performance Measure

ormance Measures

Number of required NCDM datasets integrated into grantee Tracking Network with all *required* elements and accessible by appropriate program staff.

Number of required NCDM datasets integrated into grantee Tracking Network with *advanced* elements and accessible by appropriate program staff.

Number of Tracking datasets for which routine descriptive analyses are conducted.

Number and description of program activities developed, informed, or improved by analysis of Tracking datasets.

res

Number and description of data gaps or limitations addressed.

Number and description of routine analyses conducted (*beyond descriptive analysis*) that discover patterns, identify potential concerns, or otherwise provide new insights or solutions for environmental public health.

| Number and description of past public health actions evaluated. |

| Number and description of non-publically available data requests. |

| Number of jurisdiction-specific activities developed based on Tracking data or analysis. |

TI) Performance Measures

| Number of new tools and processes developed to improve the quality, usefulness, availability, and timeliness of data related to recipient Tracking systems (refers to the development of **basic** tools). |

| Submission of complete standardized NCDMs to CDC during scheduled data calls. |

| Number of new tools and processes developed to improve the quality, usefulness, availability, and timeliness of data (refers to the development of **advanced** tools). |

| Adherence to 100% of the *required* portal standards found in the *Portal Requirements and Recommendations* document. |

formance Measures

| Number of program announcements/updates disseminated. |

| Number of presentations and exhibiting events with number of participants in each. |

List of new and existing internal and external partners (listed by organization name).

List of developed communications products based on results of completed needs assessment.

nance Measures

Number of personnel supported directly and in-kind under this cooperative agreement.

Number and list of internal and external technical assistance requests completed to the state health department, local health departments, and other public health system partners.

Number and list of **emergency response** related support and technical assistance provided. Briefly describe the response and how the staff and data were utilized in each emergency response effort.

Number of Environmental Tracking trainings provided to state and local public health workforce and partners.

Number of PHAs submitted annually.

Number and list of peer-reviewed publications, white papers, and scientific reports produced.

Does your Tracking Program provide the platform for other/all data streams for the health department? If yes, please provide a brief summary of the multiple data streams or acting as the central data network for the health department.

Does your tracking program provide support and technical assistance to programs within the health department (e.g., data analysis, mapping/GIS assistance, data visualization, program evaluation, etc.). If so, please provide the program name and briefly describe the support/assistance provided.

sure

Description of at least one action taken during the reporting period to improve program activities and increase program effectiveness based on evaluation findings.

Logic Model

Recipient Name:
Data Source (Drop Down Options)
What is the data source most closely related to the performance measure?

Eatman, Shana (CDC/ONDIEH/NCEH): This refers to activities within your jurisdiction but EXTERNAL to your Tracking Program. These activities *may* directly overlap with information from submitted PHAs. If you do not have this information available (i.e. if truly unknown and there is no related estimate or proxy available), leave this field blank.

Data Source "Other"	
	APR Update (Quantitative)
If you've indicated "other" in the previous data source column (column D), please use this space to provide the data source.	Please enter the requested Performance Measure data (e.g., count)
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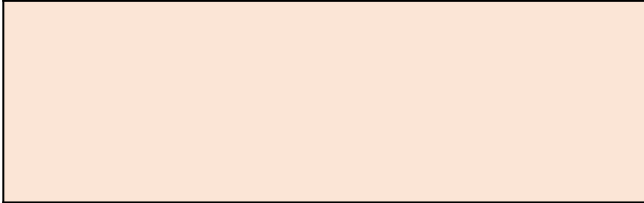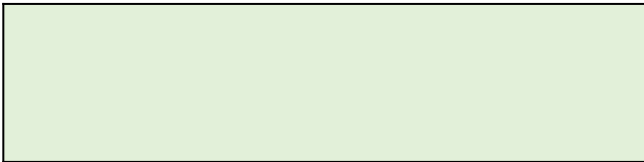|	
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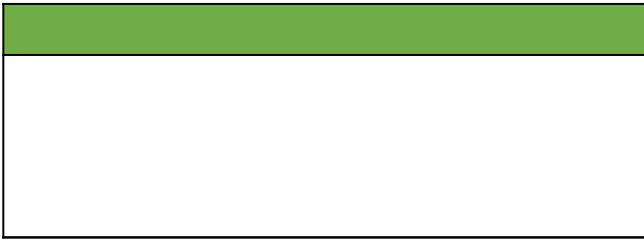|	
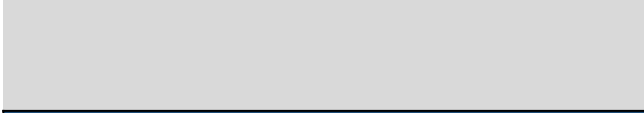
APR Update (Quantitative)
Supplemental Information

(e.g., # of participants, # of visitors)

N/A

N/A

N/A
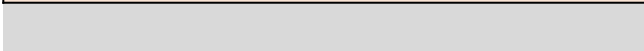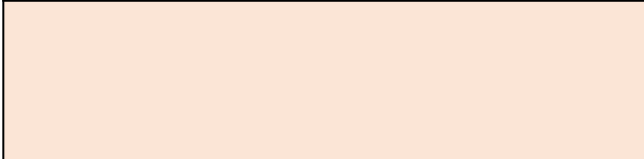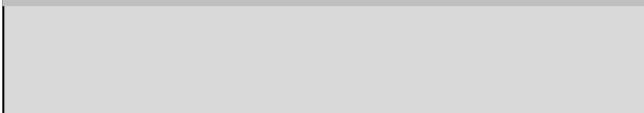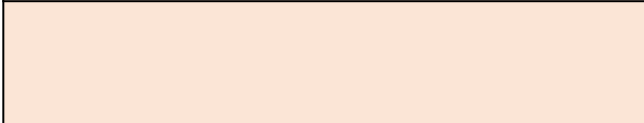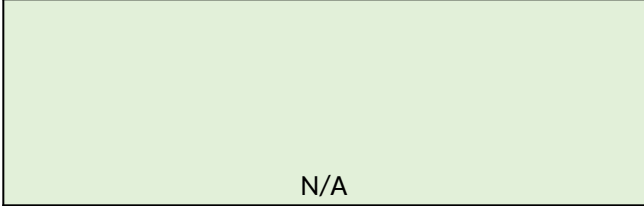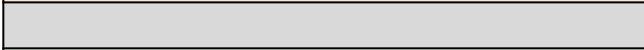
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Reporting Period: 2/1/2018 - 1/31/2019

Project Year 2 Re

APR Update (Qualitative)
Please enter the List, Brief Description, or Yes/No response

Brief description

Brief Description

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N/A

Yes or No

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Evaluation Results/Notes/Feedback