Burden Memo for the Generic Clearance of Emergency Epidemic Investigation Data Collections (0920-1011)

GenIC No.:	2015009-XXX
EPI AID No. (if applicable):	2015-028
Requesting entity (e.g., jurisdiction):	Dr. Nicholas Muraguri, Director of Medical Services of Kenya Ministry of Health
Title of Investigation:	Widespread Outbreak of Cholera in Kenya, 2015
Purpose of Investigation: (Use as much space as necessary)	By the end of May, 2015, a multi-county outbreak of cholera in Kenya had caused over 3000 cases across the country from the beginning of 2015. From ~January 1, 2015 to May 26, 2015, a total of 3,486 cases of cholera had been reported with 71 deaths, of which 225 were laboratory confirmed as *Vibrio cholerae* O1. Eleven of the 47 counties in Kenya reported cases with case fatality ratios ranging from <1% to 6.8%. In January 2015, the Kenyan Ministry of Health (MoH) in partnership with the Field Epidemiology and Laboratory Training Program (FELTP) launched an investigation of the outbreak and started implementing ongoing response efforts. On June 3, 2015, the Kenya MoH contacted CDC to request assistance with the epidemiological and laboratory investigation of this ongoing and widespread cholera outbreak. On June 13, a team from the Division of Foodborne, Waterborne, and Environmental Diseases deployed to join the investigation in the field. The short-term goals of the investigation were to inform status of current outbreak response and identify critical points of intervention to stop transmission of cholera. Developing public health recommendations to strengthen existing surveillance systems for detection of and response to outbreaks of cholera and other communicable diseases were the long-term goals of the investigation.
Duration of Data Collection:	
Date Began:	July 6, 2015
Date Ended:	July 14, 2015 (excluding Sunday, July 12)
Lead Investigator	
Name:	Rupa Narra
CIO/Division/Branch:	NCEZID/DFWED/DWBD

Complete the following for <u>each</u> instrument used during the investigation.

Data Collection Instrument 1

Name of Data Collection Instrument:	Community Questionnaire

Type of Respondent

☒ General public ☐ Healthcare staff ☐ Laboratory staff ☐ Patients ☐ Restaurant staff

☐ Other (describe):

Data Collection Methods (check all that apply)

☐ Epidemiologic Study (indicate which type(s) below)

- ☐ Descriptive Study (describe):
- ☐ Cross-sectional Study (describe):
- ☐ Cohort Study (describe):
- ☐ Case-Control Study (describe):
- ☒ Other (describe): Knowledge, Attitudes, and Practices Survey

☐ Environmental Assessment

(describe):
☐ Laboratory Testing (describe):
☐ Other (describe):

Data Collection Mode (check all that apply)

☐ Survey Mode (indicate which mode(s) below):
- ☒ Face-to-face Interview (describe): Surveys were carried out by local, trained enumerators in the local dialect
- ☐ Telephone Interview (describe):
- ☐ Self-administered Paper-and-Pencil Questionnaire (describe):
- ☐ Self-administered Internet Questionnaire (describe):
- ☐ Other (describe):

☐ Medical Record Abstraction (describe):
☐ Biological Specimen Sample
☐ Environmental Sample
☐ Other (describe):

Response Rate (if applicable)

Total No. Responded (A):	1418
Total No. Sampled/Eligible to Respond (B):	Unknown
Response Rate (A/B):	Unknown

Data Collection Instrument 2

Name of Data Collection Instrument: Community Health Extension Worker Questionnaire

Type of Respondent

☐ General public ☐ Healthcare staff ☐ Laboratory staff ☐ Patients ☐ Restaurant staff
☒ Other (describe): Community Health Extension Workers (liaison between the community and health care facilities/health care staff

Data Collection Methods (check all that apply)

☐ Epidemiologic Study (indicate which type(s) below)
- ☐ Descriptive Study (describe):
- ☐ Cross-sectional Study (describe):
- ☐ Cohort Study (describe):
- ☐ Case-Control Study (describe):
- ☒ Other (describe): Knowledge, Attitudes, and Practices Survey

☐ Environmental Assessment (describe):
☐ Laboratory Testing (describe):
☐ Other (describe):

Data Collection Mode (check all that apply)

☐ Survey Mode (indicate which mode(s) below):
- ☒ Face-to-face Interview (describe): Survey was given by trained enumerators, FELTP residents, or EIS Officers
- ☐ Telephone Interview (describe):
- ☐ Self-administered Paper-and-Pencil Questionnaire (describe):
- ☐ Self-administered Internet Questionnaire (describe):
- ☐ Other (describe):

☐ Medical Record Abstraction (describe):
☐ Biological Specimen Sample
☐ Environmental Sample
☐ Other (describe):

Response Rate (if applicable)

Total No. Responded (A):	51
Total No. Sampled/Eligible to Respond (B):	Unknown
Response Rate (A/B):	Unknown

Data Collection Instrument 3

Name of Data Collection Instrument: Health Care Worker Questionnaire

Type of Respondent

☐ General public ☒ Healthcare staff ☐ Laboratory staff ☐ Patients ☐ Restaurant staff
☐ Other (describe):

Data Collection Methods (check all that apply)

☐ Epidemiologic Study (indicate which type(s) below)
- ☐ Descriptive Study (describe):
- ☐ Cross-sectional Study (describe):
- ☐ Cohort Study (describe):
- ☐ Case-Control Study (describe):
- ☒ Other (describe): Knowledge, Attitudes, and Practices Survey

☐ Environmental Assessment (describe):
☐ Laboratory Testing (describe):
☐ Other (describe):

Data Collection Mode (check all that apply)

☐ Survey Mode (indicate which mode(s) below):
- ☒ Face-to-face Interview (describe): Survey was given by trained enumerators, FELTP residents, or EIS Officers
- ☐ Telephone Interview (describe):
- ☐ Self-administered Paper-and-Pencil Questionnaire (describe):

- ☐ Self-administered Internet Questionnaire (describe):
- ☐ Other (describe):
- ☐ Medical Record Abstraction (describe):
- ☐ Biological Specimen Sample
- ☐ Environmental Sample
- ☐ Other (describe):

Response Rate (if applicable)

Total No. Responded (A):	61
Total No. Sampled/Eligible to Respond (B):	Unknown
Response Rate (A/B):	Unknown

Data Collection Instrument 4

Name of Data Collection Instrument: Health Care Facility Checklist

Type of Respondent

☐ General public ☒ Healthcare staff ☐ Laboratory staff ☐ Patients ☐ Restaurant staff

☐ Other (describe):

Data Collection Methods (check all that apply)

☐ Epidemiologic Study (indicate which type(s) below)

- ☐ Descriptive Study (describe):
- ☐ Cross-sectional Study (describe):
- ☐ Cohort Study (describe):
- ☐ Case-Control Study (describe):
- ☒ Other (describe): Health Care Facility Checklist assessing supplies available

☐ Environmental Assessment (describe):

☐ Laboratory Testing (describe):

☐ Other (describe):

Data Collection Mode (check all that apply)

☐ Survey Mode (indicate which mode(s) below):

- ☒ Face-to-face Interview (describe): Survey was given by FELTP residents or EIS Officers
- ☐ Telephone Interview (describe):
- ☐ Self-administered Paper-and-Pencil Questionnaire (describe):
- ☐ Self-administered Internet Questionnaire (describe):
- ☐ Other (describe):

☐ Medical Record Abstraction (describe):

☐ Biological Specimen Sample

☐ Environmental Sample

☐ Other (describe):

Response Rate (if applicable)

Total No. Responded (A):	44
Total No. Sampled/Eligible to Respond (B):	Unknown
Response Rate (A/B):	Unknown

(Additional Data Collection Instrument sections may be added if necessary.)

Complete the following burden table. Each data collection instrument should be included as a separate row.

Burden Table (insert rows for additional respondent types if needed)

Data Collection Instrument Name	Type of Respondent	No. Respondents (A)	No. Responses per Respondent (B)	Burden per Response in Minutes (C)	Total Burden in Hours (A x B x C)/60*
Community Questionnaire	General Public	1418	1	30	709
Community Health Extension Worker Questionnaire	Community Health Extension Workers	51	1	20	17
Health Care Worker Questionnaire	Health Care Workers	61	1	25	26
Health Care Facility Checklist	Health Care Workers	44	1	15	9

Return completed form and a blank copy of each final data collection instrument within 5 business days of data collection completion to the EEI Information Collection Request Liaison, Danice Eaton (dhe0@cdc.gov).

EEI Information Collection Request Liaison:
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Burden Memo for the Generic Clearance of Emergency Epidemic Investigation Data Collections (0920-1011)

GenIC No.:	2015010-XXX
EPI AID No. (if applicable):	2015-029
Requesting entity (e.g., jurisdiction):	Republic of Congo, Ministry of Health
Title of Investigation:	Undetermined risk factors for human monkeypox in the Republic of Congo, 2015
Purpose of Investigation: (Use as much space as necessary)	CDC assisted the Republic of Congo Ministry of Health to identify the behavioral and environmental risk factors for acquiring monkeypox among populations in and around Impfondo.
Duration of Data Collection:	7 days
Date Began:	July 13, 2015
Date Ended:	July 19, 2015
Lead Investigator	
Name:	Andrea McCollum
CIO/Division/Branch:	NCEZID/DHCPP/PRB

Complete the following for each instrument used during the investigation.

Data Collection Instrument 1

Name of Data Collection Instrument: Monkeypox Risk Assessment

Type of Respondent

☒ General public ☐ Healthcare staff ☐ Laboratory staff ☐ Patients ☐ Restaurant staff

☐ Other (describe):

Data Collection Methods (check all that apply)

☒ Epidemiologic Study (indicate which type(s) below)

- ☒ Descriptive Study (describe): This was a descriptive analysis of the knowledge of sources and risk factors for infection in and around Impfondo, ROC.
- ☐ Cross-sectional Study (describe):
- ☐ Cohort Study (describe):
- ☐ Case-Control Study (describe):
- ☐ Other (describe):

☐ Environmental Assessment (describe):

☐ Laboratory Testing (describe):

☐ Other (describe):

Data Collection Mode (check all that apply)

☒ Survey Mode (indicate which mode(s) below):

- ☒ Face-to-face Interview (describe): Interviewees were engaged in face-to-face encounters at each household. Questions were asked directly from the survey and interviewee responses filled in by the interviewer. Interviews were conducted by teams of CDC and Ministry of Health staff.
- ☐ Telephone Interview (describe):
- ☐ Self-administered Paper-and-Pencil Questionnaire (describe):
- ☐ Self-administered Internet Questionnaire (describe):
- ☐ Other (describe):

☐ Medical Record Abstraction (describe):	
☐ Biological Specimen Sample	
☐ Environmental Sample	
☐ Other (describe):	

Response Rate (if applicable)

Total No. Responded (A):	182
Total No. Sampled/Eligible to Respond (B):	182
Response Rate (A/B):	100%

Complete the following burden table. Each data collection instrument should be included as a separate row.

Burden Table (insert rows for additional respondent types if needed)

Data Collection Instrument Name	Type of Respondent	No. Respondents (A)	No. Responses per Respondent (B)	Burden per Response in Minutes (C)	Total Burden in Hours (A x B x C)/60*
Monkeypox Risk Assessment Form	General Public	182	1	20	60.7

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Burden Memo for the Generic Clearance of Emergency Epidemic Investigation Data Collections (0920-1011)

GenIC No.:	2015011-XXX
EPI AID No. (if applicable):	2015-032
Requesting entity (e.g., jurisdiction):	Pennsylvania Department of Health
Title of Investigation:	Undetermined source, mode of transmission, and risk factors for Nontuberculous mycobacterium infections among cardiothoracic surgical patients - Pennsylvania
Purpose of Investigation: (Use as much space as necessary)	Nontuberculous mycobacterium (NTM) are generally free-living organisms that are ubiquitous in the environment and have been recovered from surface water, tap water, and soil. These organisms can also be present on clothing, hair, and skin and are capable of causing severe infection, especially among immunocompromised patients. On July 20, 2015, CDC was notified by the Pennsylvania Department of Health (PA DOH) of eight possible cases of *Mycobacterium avium* complex (MAC), a type of NTM, infections among cardiothoracic surgery patients who had procedures at a single facility (hospital A) between 2008 and 2015. All of these patients had undergone open heart procedures. All procedures involved the use of heater-cooler units, some of which have previously been implicated in transmitting NTM through aerosolized particles in cardiothoracic surgical cases in Europe. However, the source, mode of transmission, and risk factors for MAC infection in the current investigation were not determined. PA DOH requested CDC assistance with an on-site investigation to determine the source, modes of transmission, and risk factors for NTM infections among hospital A patients in order to prevent further cases.
Duration of Data Collection:	3 weeks
Date Began:	7/27/15
Date Ended:	8/14/15
Lead Investigator	
Name:	Joe Perz and Kiran Perkins
CIO/Division/Branch:	NCEZID/DHQP/PRB

Complete the following for each instrument used during the investigation.

Data Collection Instrument 1

Name of Data Collection Instrument: Abstraction Form

Type of Respondent

☐ General public ☐ Healthcare staff ☐ Laboratory staff ☐ Patients ☐ Restaurant staff

☒ Other (describe): Chart abstraction by federal employees

Data Collection Methods (check all that apply)

☒ Epidemiologic Study (indicate which type(s) below)

- ☒ Descriptive Study (describe): To describe the initial cases reported by Hospital A
- ☐ Cross-sectional Study (describe):
- ☐ Cohort Study (describe):
- ☐ Case-Control Study (describe):
- ☐ Other (describe):

☐ Environmental Assessment (describe):

☐ Laboratory Testing (describe):

☐ Other (describe):

Data Collection Mode (check all that apply)

☐ Survey Mode (indicate which mode(s) below):
- ☐ Face-to-face Interview (describe):
- ☐ Telephone Interview (describe):
- ☐ Self-administered Paper-and-Pencil Questionnaire (describe):
- ☐ Self-administered Internet Questionnaire (describe):
- ☐ Other (describe):

☒ Medical Record Abstraction (describe): To describe the initial cases reported by Hospital A
☐ Biological Specimen Sample
☐ Environmental Sample
☐ Other (describe):

Response Rate (if applicable)

Total No. Responded (A):	20
Total No. Sampled/Eligible to Respond (B):	20
Response Rate (A/B):	100%

Data Collection Instrument 2

Name of Data Collection Instrument: Case-Control Abstraction Form

Type of Respondent

☐ General public ☐ Healthcare staff ☐ Laboratory staff ☐ Patients ☐ Restaurant staff
☒ Other (describe): Chart abstraction by federal employees

Data Collection Methods (check all that apply)

☒ Epidemiologic Study (indicate which type(s) below)
- ☐ Descriptive Study (describe):
- ☐ Cross-sectional Study (describe):
- ☐ Cohort Study (describe):
- ☒ Case-Control Study (describe): Chart abstraction for unmatched case control study of the outcome of NTM infections among cardiothoracic surgical patients
- ☐ Other (describe):

☐ Environmental Assessment (describe):
☐ Laboratory Testing (describe):
☐ Other (describe):

Data Collection Mode (check all that apply)

☐ Survey Mode (indicate which mode(s) below):
- ☐ Face-to-face Interview (describe):
- ☐ Telephone Interview (describe):
- ☐ Self-administered Paper-and-Pencil Questionnaire (describe):
- ☐ Self-administered Internet Questionnaire (describe):
- ☐ Other (describe):

☒ Medical Record Abstraction (describe): Chart abstraction for unmatched case control study of the outcome of

NTM infections among cardiothoracic surgical patients

☐ Biological Specimen Sample
☐ Environmental Sample
☐ Other (describe):

Response Rate (if applicable)

Total No. Responded (A): 68
Total No. Sampled/Eligible to Respond (B): 68
Response Rate (A/B): 100%

Data Collection Instrument 3

Name of Data Collection Instrument: Short Abstraction Form

Type of Respondent

☐ General public ☐ Healthcare staff ☐ Laboratory staff ☐ Patients ☐ Restaurant staff
☒ Other (describe): Chart abstraction by federal employees

Data Collection Methods (check all that apply)

☒ Epidemiologic Study (indicate which type(s) below)
- ☒ Descriptive Study (describe): To describe patients identified during case-finding for patients with a history of NTM cultures between 2010 and 2015 who had undergone any type of surgical procedure at Hospital A
- ☐ Cross-sectional Study (describe):
- ☐ Cohort Study (describe):
- ☐ Case-Control Study (describe):
- ☐ Other (describe):

☐ Environmental Assessment (describe):
☐ Laboratory Testing (describe):
☐ Other (describe):

Data Collection Mode (check all that apply)

☐ Survey Mode (indicate which mode(s) below):
- ☐ Face-to-face Interview (describe):
- ☐ Telephone Interview (describe):
- ☐ Self-administered Paper-and-Pencil Questionnaire (describe):
- ☐ Self-administered Internet Questionnaire (describe):
- ☐ Other (describe):

☒ Medical Record Abstraction (describe): To describe patients identified during case-finding for patients with a history of NTM cultures between 2010 and 2015 who had undergone any type of surgical procedure at Hospital A

☐ Biological Specimen Sample
☐ Environmental Sample
☐ Other (describe):

Response Rate (if applicable)

Total No. Responded (A): 48

Total No. Sampled/Eligible to Respond (B):	48
Response Rate (A/B):	100%

(Additional Data Collection Instrument sections may be added if necessary.)

Complete the following burden table. Each data collection instrument should be included as a separate row.

Burden Table (insert rows for additional respondent types if needed)

Data Collection Instrument Name	Type of Respondent	No. Respondents (A)	No. Responses per Respondent (B)	Burden per Response in Minutes (C)	Total Burden in Hours (A x B x C)/60*
Abstraction Form	Federal employee	4	20	n/a	n/a
Abstraction Form – Case Control Study	Federal employee	4	68	n/a	n/a
Short Abstraction Form	Federal employee	4	48	n/a	n/a

n/a = no burden to the public; data abstracted by federal employees.

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