SLED RDC Research Proposal

General Information	
Date:	
Title of Project:	
SLED Files and Time Period	
Non-NCHS Data Files:	Sierra Leone Ebola Database
Mode of Access:	[_] Remote Access (ANDRE) <u>On-site Locations</u> [_] NCHS RDC, Hyattsville, MD [_] NCHS RDC, Washington, DC (US Government Only) [_] NCHS RDC, Atlanta, GA [_] Federal Statistical RDC, specify: _____
Statistical Software: (Check all that apply)	[ ] SAS/Sudaan [_] Stata [_] SPSS [_] R Other, specify:
Proposed Start Date:	
Funding Source:	*Waived for Sierra Leonean researchers and organizations contributing data to SLED*

List the name, institution, contact information, and role for anyone who will contribute to publications resulting from this project. Everyone listed must submit a C.V. or resume. Add sections as needed.

Research Team		
	Principal Investigator	**Co-Investigator**
Name		
Email		
Phone		
Institution		
Mailing Address		
Sierra Leone Citizen? Y or N		
On-site Only US Citizen? Y or N		
	Programmer [_] On-site or [_] Remote Access (account holder)	**Programmer** [_] On-site or [_] Remote Access
Name		
Email		
Phone		
Institution		
Mailing Address		
Sierra Leone Citizen? Y or N		
On-site Only US Citizen? Y or N		
	Advisor (For Students and Post-Docs) [_] RDC-Student-Advisor Form	**Other, specify:**
Name		
Email		
Phone		
Institution		
Mailing Address		
Sierra Leone Citizen? Y or N		
On-site Only US Citizen? Y or N		

Complete as applicable for your project. Address any "Yes" responses in the body of the proposal.

RDC Proposal Summary Information		
	YES	NO
Geographic variables		
Level of geography to be shown in **output** (check all that apply)		
National		
Provincial		
District		
Urban/rural classification		
Other		
Will geographic identifier(s) be removed after merge		
If yes, can true geographic identifiers be replaced with masked versions of these variables		
Is GIS or mapping proposed		
Dates and Temporal information		
Are exact dates requested other than to calculate time of follow-up		
Merging of data with SLED restricted data		
Are external data being merged with SLED data		

A. Abstract: Please limit the abstract to 300 words.

B. Research Question: Describe study purpose, hypotheses, goals, or research questions.

C. Background: Include a short literature review, no more than 2 pages, focusing on papers that discuss your topic or address the methodology that you plan to use. Please limit your reference list to 10 items or less.

D. Public Health Benefit: In one paragraph, how does your research benefit public health?

E. Data Requirements:
Please address the four items below and provide an explanation for "yes/checked" responses from the RDC Proposal Summary Information. The SLED Data Team will use this information to create your dataset.

1. **SLED Data Survey, Years, Files**:
   For examples, Sierra Leone Ebola Database, VHF, 2014-2015

2. **Restricted- use Data:**
   List and describe the restricted-use variables that you will need. These variables must be listed in the Data Dictionary section of the proposal. Explain why each variable is needed and how you will include them in your analysis. Specify how geographic variables, if applicable, will be used to merge files, analyze the data and/or be presented in output.

3. **Non-SLED Data:**

If you plan to provide data from another source to merge to the restricted-use data, please describe the source, list the filename(s), and provide a general description of the non-SLED data. The variables from the non-SLED data must be listed in the Data Dictionary section.

4. **Merge Variables:**
   In detail, describe the merge procedures needed to produce your analytic dataset(s). Highlight the variables used in the merge routine in the Data Dictionary. Leave blank if not applicable. The SLED Data Team will use this information to create your dataset.

F. Methodology:

We highly recommend you familiarize yourself with the analytic guidelines of the data you intend to use. Any deviations from the methodology suggested in the guidelines will require explanation as it may pose a disclosure risk. Please address these three items in your proposal:

1. **Unit or Level of Analysis and Subpopulation(s):**
   There can be many levels of analysis: be as detailed as possible in your description. A common example for an analysis of VHF data is where the unit of analysis is the person while the subpopulation is adults ages 18-44. A common example involving geography is when you aggregate persons to the district level so you can compare districts.

2. **Analysis Plan:** Provide an overall analysis plan that specifies what analytic procedures or models you will use, such as prevalence estimates, logistic regression, or log-linear modeling, and list specific statistical package procedures.

3. **Complex Survey Design:** Indicate how you will address sample weights, design variables, and other adjustments for the use of complex survey data, if applicable, using the statistical software listed in the General Information area. A detailed description per weight, design variables, and other adjustments are required and central to understanding the limitation of the data. This is a critical element during the proposal review process.

G. Output:

Describe in full detail all output you would like to take out of the RDC; be explicit in your details (i.e. age groupings, districts, etc.) as this section is necessary for the Review Committee to assess disclosure risk. Your examples should reflect the geographic variables you will use in your output.

1. **Output Needed to Confirm Accuracy of Dataset:** Since the SLED Data Team will create your analytic dataset, describe what output you need to review to ensure that your dataset was constructed accurately and is complete (e.g., need to review univariate frequencies of certain variables-please specify).
2. **Table Shells:** Include detailed examples of table shells, models, and/or graphs with titles. Indicate the subsample and unit of analysis used in each type of table, model, or graphs. Your proposal will not be approved without this information.
3. **Presentation of Results:** Describe how you will present the results (in a report, publication in a peer-reviewed journal, presentation at a scientific meeting, used for internal policy analysis).

H. Project Data Dictionary:

Include a project data dictionary for each data source. This should simply be a listing of variables you would like in your dataset. See instructions and examples for [creating the data dictionary](). Include all explanations in Section E. Data Requirements.

1. Provide a single data dictionary that includes all the variables (public and restricted) you would like extracted for your analytic data set.

I. References: Please limit the list to 10 items or less.

J. Resumes/C.V.: Please include a 2-page C.V. for each member of the research team listed in the initial chart (not as attachments).