

Assessing the Capacity of Vector Management Programs in the United States to Provide Comprehensive Community-level Tick Management Services

Request for OMB approval of a New Information Collection

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Supporting Statement B

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The collection involves statistical methods. The purpose of the collection is to make statistical generalizations beyond the particular respondents.

1. Respondent Universe and Sampling Methods

We will be surveying vector control operations in Northeast, Mid-Atlantic, Upper Midwest, and Pacific coast states. We are aiming to solicit responses from a large portion of this community. This is a small tight-knit community with close connections to CDC and the CDC-funded regional Centers for Excellence in Vector-Borne Diseases. Our primary target for this survey are public vector control agencies. Based upon a list of agencies compiled by CDC, we expect approximately 200 responses from our target regions. Private operators will be surveyed as well to determine their current operations, but are not the primary target of this survey.

2. Procedures for the Collection of Information

The survey will be distributed digitally using REDCap. Distribution will occur broadly through professional listservs and using email lists maintained by CDC. We will also partner with local mosquito control organizations to recruit participants at their annual meetings. The survey will be open at a time when operations are slow for the target community and will be open for approximately five months so that it can be shared broadly with the community.

3. Methods to maximize Response Rates and Deal with No Response

The survey will be deployed in the winter through the spring, when many vector control operations are not highly active. It will also be advertised at many local and national professional meetings that are targeted to these communities and be distributed through contact lists maintained by CDC and the CDC-funded regional center for excellence in vector-borne diseases. If we find responses are lower than expected in our first year, we will distribute the survey for a second year to bolster our number of responses.

4. Tests of Procedures or Methods to be undertaken

No pretests are planned

5. Individuals Consulted on Statistical Aspects and Individuals Collecting and/or Analyzing Data

Dr. James Burtis (CDC NCEZID DVBD BDB EET) will analyze the survey data. His email address is ptd6@cdc.gov and phone number is 970-305-0151.