## **■** Data Dictionary Codebook

|     | #     | Variable / Field Name     | Field Label Field Note  | Field Attributes (Field Type, Validation, Choices, Calculations, etc.) |
|-----|-------|---------------------------|---|--|
| Ins | trume | nt: Subsection 1: General | Information (subsection_1_general_information)                | nabled as survey   |
|     | 1     | [record_id]               | Record ID   | text   |
|     | 2     | [sub1_a_agency_name]      | Section Header: General agency and organizational information | text, Required   |
|     |       |                           | What is the name of your agency?                              |  |

| 3 | [sub1_h_state] | Please select the state in which your office is located: | drop | odown, Required |
|---|----------------|--|------|-----------------|
|   |                |  | 1    | CA              |
|   |                |  | 2    | СТ              |
|   |                |  | 3    | DE              |
|   |                |  | 4    | IA              |
|   |                |  | 5    | IL              |
|   |                |  | 6    | IN              |
|   |                |  | 7    | MA              |
|   |                |  | 8    | MD              |
|   |                |  | 9    | ME              |
|   |                |  | 10   | MI              |
|   |                |  | 11   | MN              |
|   |                |  | 12   | NH              |
|   |                |  | 13   | NJ              |
|   |                |  | 14   | NY              |
|   |                |  | 15   | ОН              |
|   |                |  | 16   | OR              |
|   |                |  | 17   | PA              |
|   |                |  | 18   | RI              |
|   |                |  | 19   | VA              |
|   |                |  | 20   | VT              |
|   |                |  | 21   | WA              |
|   |                |  | 22   | WI              |
|   |                |  | 23   | wv              |

| 4 | [sub1_b_agency_type]   | What type of agency do you work for?                         | rad | dio, Required   |
|---|--|--|-----|---|
|   |  |  | 1   | mosquito or vector control district not incorporated in another agency at your jurisdictional level |
|   |  |  | 2   | private firm with contract for community-wide vector control  |
|   |  |  | 3   | public health agency  |
|   |  |  | 4   | environmental health agency   |
|   |  |  | 5   | public works  |
|   |  |  | 6   | animal control  |
|   |  |  | 7   | other   |
| 5 | [sub1_b_1_other_specify]                                       | Please describe other agency type:                           | tex | t   |
|   | Show the field ONLY if:<br>[sub1_b_agency_type] = '7'          |  |     |   |
| 6 | [sub1_c_agency_jurisdiction]                                   | What is the jurisdictional level of your agency?             | rad | lio, Required   |
|   | Show the field ONLY if:  |  | 1   | city  |
|   | [sub1_b_agency_type] = '1' or<br>[sub1_b_agency_type] = '3' or |  | 2   | county  |
|   | [sub1_b_agency_type] = '4' or                                  |  | 3   | state   |
|   | [sub1_b_agency_type] = '5' or<br>[sub1_b_agency_type] = '6' or |  | 4   | 0   |
|   | [sub1_b_agency_type] = '7'                                     |  | 5   | other   |
| 7 | [sub1_d_program_size]  | Please indicate the size of the population that your program |     | lio, Required   |
|   | Show the field ONLY if:  | serves:  | 1   | 0 - 9,999   |
|   | [sub1_b_agency_type] = '1' or<br>[sub1_b_agency_type] = '3' or |  | 2   | 10, 000 - 24,999  |
|   | [sub1_b_agency_type] = '4' or                                  |  | 3   | 25, 000 - 49,999  |
|   | [sub1_b_agency_type] = '5' or<br>[sub1_b_agency_type] = '6' or |  | 4   | 50, 000 - 99,999  |
|   | [sub1_b_agency_type] = '7'                                     |  | 5   | <del>  ' '  </del>  |
|   |  |  | 6   | 250, 000 - 499,999  |
|   |  |  | 7   | 500, 000 - 999,999  |
|   |  |  | 8   | 1, 000,000 +  |

| 8  | [sub1_h]  | We encourage groups of people working within the same agency or organization to take this survey together, if possible. How many people from your organization are participating in answering this survey today? | radio, Required  1   |
|----|---|--|--|
| 9  | [sub1_e_job_rank]  Show the field ONLY if: [sub1_b_agency_type] = '1' or [sub1_b_agency_type] = '3' or [sub1_b_agency_type] = '4' or [sub1_b_agency_type] = '5' or [sub1_b_agency_type] = '6' or [sub1_b_agency_type] = '7'       | What are the job levels, ranks, titles, or roles of the people currently answering this survey?[select all that apply]   | checkbox, Required  1 sub1_e_job_rank1 director  2 sub1_e_job_rank2 supervisor  3 sub1_e_job_rank3 superintendent  4 sub1_e_job_rank4 biologist  5 sub1_e_job_rank5 entomologist  6 sub1_e_job_rank6 epidemiologist  7 sub1_e_job_rank7 technician  8 sub1_e_job_rank8 other |
| 10 | [sub1_e_1_other_specify] Show the field ONLY if: [sub1_e_job_rank(8)] = '1'   | Please describe any other role(s):   | text   |
| 11 | [sub1_g_vector_control]  Show the field ONLY if: [sub1_b_agency_type] = '1' or [sub1_b_agency_type] = '3' or [sub1_b_agency_type] = '4' or [sub1_b_agency_type] = '5' or [sub1_b_agency_type] = '6' or [sub1_b_agency_type] = '7' | Does your agency take direct action (e.g. pesticide application / habitat modification / biological control) to control vector populations for public health purposes?   | yesno, Required  1 Yes  0 No   |

| 12 | [sub1_g_1_vector_targets]                                    | What disease vectors or arthropod pests does your agency | che  | ckbox, Required           |                              |                             |
|----|--|--|------|---------------------------|------------------------------|-----------------------------|
|    | Show the field ONLY if:                                      | currently target?[select all that apply]                 | 1    | sub1_g_1_vector_targets1  | ticks                        |                             |
|    | [sub1_g_vector_control] = '1'                                |  | 2    | sub1_g_1_vector_targets2  | mosquitoes                   |                             |
|    |  |  | 3    | sub1_g_1_vector_targets3  | fleas                        |                             |
|    |  |  | 4    | sub1_g_1_vector_targets4  | oed bugs                     |                             |
|    |  |  | 5    | sub1_g_1_vector_targets5  | other                        |                             |
| 13 | [sub1_g_1_a_other]   | Please describe any other disease vector(s) your agency  | text |                           |                              |                             |
|    | Show the field ONLY if:                                      | targets:   |      |                           |                              |                             |
|    | [sub1_g_1_vector_targets(5)] = '1'                           |  |      |                           |                              |                             |
| 14 | [sub1_g_1_a_tick_targets]                                    | What tick species does your agency target for control    | che  | ckbox, Required           |                              |                             |
|    | Show the field ONLY if:  [sub1_g_1_vector_targets(1)] =  '1' | ub1_g_1_vector_targets(1)] =                             | 1    | sub1_g_1_a_tick_targets1  | Ixodes scapularis            |                             |
|    |  |  | 2    | sub1_g_1_a_tick_targets2  | Ixodes pacificus             |                             |
|    |  |  | 3    | sub1_g_1_a_tick_targets3  | Dermacentor andersoni        |                             |
|    |  |  | 4    | sub1_g_1_a_tick_targets4  | Dermacentor occidentalis     |                             |
|    |  |  | 5    | sub1_g_1_a_tick_targets5  | Dermacentor variabilis       |                             |
|    |  |  | 6    | sub1_g_1_a_tick_targets6  | Amblyomma<br>americanum      |                             |
|    |  |  | 7    | sub1_g_1_a_tick_targets7  | Amblyomma<br>maculatum       |                             |
|    |  |  | 8    | sub1_g_1_a_tick_targets8  | Haemaphysalis<br>longicornis |                             |
|    |  |  |      | 9                         | sub1_g_1_a_tick_targets9     | Rhipicephalus<br>sanguineus |
|    |  |  | 10   | sub1_g_1_a_tick_targets10 | other                        |                             |
|    |  |  | 11   | sub1_g_1_a_tick_targets11 | do not know                  |                             |

| 15 | [sub1_g_1_a_1_other_ticks]  Show the field ONLY if: [sub1_g_1_a_tick_targets(10)] = '1'  | Please specify any other tick species your agency targets for control operations:                  | text   |
|----|--|--|--|
| 16 | [sub2_i]   | How important do you think ticks and tick-borne diseases are in your jurisdiction?                 | radio, Required  1 not important  2 somewhat important  3 important  4 very important  5 extremely important |
| 17 | [sub1_f_tick_control_pressure]  Show the field ONLY if: [sub1_b_agency_type] = '1' or [sub1_b_agency_type] = '3' or [sub1_b_agency_type] = '4' or [sub1_b_agency_type] = '5' or [sub1_b_agency_type] = '6' or [sub1_b_agency_type] = '7' | Has your agency faced any public or political pressure to start offering tick management services? | yesno, Required  1 Yes  0 No   |

| 18 | [sub1_f_1_pressure_sources]  | · · · · · · · · · · · · · · · · · · ·   | chec                         | checkbox, Required          |  |  |  |  |
|----|--|---|------------------------------|-----------------------------|--|--|--|--|
|    | Show the field ONLY if:  | faces? [select all that apply]  | 1                            | sub1_f_1_pressure_sources1  | public   |  |  |  |
|    | [sub1_f_tick_control_pressure]<br>= '1'                                      |   | 2                            | sub1_f_1_pressure_sources2  | politicians<br>(federal)                           |  |  |  |
|    |  |   | 3                            | sub1_f_1_pressure_sources3  | politicians<br>(state)                             |  |  |  |
|    |  |   | 4                            | sub1_f_1_pressure_sources4  | politicians<br>(local)                             |  |  |  |
|    |  |   | 5                            | sub1_f_1_pressure_sources5  | federal<br>agencies                                |  |  |  |
|    |  |   | 6                            | sub1_f_1_pressure_sources6  | state-level<br>agencies<br>outside of<br>your own  |  |  |  |
|    |  |   | 7                            | sub1_f_1_pressure_sources7  | county-level<br>agencies<br>outside of<br>your own |  |  |  |
|    |  |   | 8                            | sub1_f_1_pressure_sources8  | city-level<br>agencies<br>outside of<br>your own   |  |  |  |
|    |  |   | 9                            | sub1_f_1_pressure_sources9  | pressure<br>within your<br>agency                  |  |  |  |
|    |  |   | 10                           | sub1_f_1_pressure_sources10 | other  |  |  |  |
| 19 | [sub1_f_1]  Show the field ONLY if: [sub1_f_1_pressure_sources(1 0)] = '1'   | Please describe any other source(s) of pressure your agency faces:  | text                         |                             |  |  |  |  |
| 20 | [sub1_g_2_contracting] Show the field ONLY if: [sub1_g_vector_control] = '0' | If your agency is not directly involved in vector control activities, is your agency responsible for contracting vector control to another agency or private company? | yesno, Required  1 Yes  0 No |                             |  |  |  |  |

|    | 21     | [sub1_g_2_1_contracting_agen   | What type(s) of organization(s) do you contract for vector  | checkbox, Required  |
|----|--------|--|---|---|
|    |        | cy] Show the field ONLY if: [sub1_g_2_contracting] = '1'             | control in your jurisdiction? [select all that apply]   | 1 sub1_g_2_1_contracting_agency1 standalone mosquito control district |
|    |        |  |   | 2 sub1_g_2_1_contracting_agency2 private vector control firm          |
|    |        |  |   | 3 sub1_g_2_1_contracting_agency3 public health agency                 |
|    |        |  |   | 4 sub1_g_2_1_contracting_agency4 environmenta health agency           |
|    |        |  |   | 5 sub1_g_2_1_contracting_agency5 public works agency                  |
|    |        |  |   | 6 sub1_g_2_1_contracting_agency6 animal contro                        |
|    |        |  |   | 7 sub1_g_2_1_contracting_agency7 other                                |
|    | 22     | [sub1_g_2_1_a_other_contract]  | Please describe any other agency or organization you contract for vector control in your jurisdiction:  | text  |
|    |        | Show the field ONLY if:<br>[sub1_g_2_1_contracting_agen cy(7)] = '1' |   |   |
|    | 23     | [subsection_1_general_inform   | Section Header: Form Status   | dropdown  |
|    |        | ation_complete ]   | Complete?   | 0 Incomplete  |
|    |        |  |   | 1 Unverified  |
|    |        |  |   | 2 Complete  |
| In | strume | nt: Subsection 2: Tick surv  | veillance and risk mitigation (subsection_2_tick_survei   | llance_and_risk_mitigation) 🛂 Enabled as survey                       |
|    | 24     | [sub2_a_identify_risk]   | Section Header: Capacity for tick surveillance, identification of high-risk areas for tick exposure, and public education and outreach regarding personal tick-bite prevention methods in high-risk areas | yesno, Required  1 Yes  |
|    |        |  | Does your agency directly conduct tick surveillance (e.g. tick dragging / wildlife collections / veterinary submission / public submissions) to measure the risk of tick exposure in your jurisdiction?   | 0 No  |

| 25 | [sub2_b]                                      | Is there another agency or group that collects tick surveillance data in your jurisdiction?                   | 1   | yesno, Required  1 Yes  0 No  |                     |   |
|----|---|---|-----|---|---------------------|---|
| 26 | [sub2_b_1]                                    | What other groups or agencies collect tick surveillance data within your jurisdiction?[select all that apply] | che | eckbox, Require   |                     |   |
|    | Show the field ONLY if:<br>[sub2_b] = '1'     | within your jurisdiction, [select dir that apply]   |     | sub2_b_11   | hea <b>l</b> th     | local department of                                   |
|    |   |   | 2   | sub2_b_12   |                     | epartment of the<br>ment / natural resources /<br>ure |
|    |   |   | 3   | sub2_b_13   | local pa<br>agencie | rks and recreation<br>s                               |
|    |   |   | 4   | sub2_b_14   |                     | nic institution / university<br>on services           |
|    |   |   | 5   | sub2_b_15   | local no            | n-profit  |
|    |   |   | 6   | sub2_b_16   | other               |   |
| 27 | [sub2_b_1_a]                                  | What other groups or agencies collect tick surveillance data  | tex | κt  |                     |   |
|    | Show the field ONLY if: $[sub2_b_1(6)] = '1'$ | in your jurisdiction?   |     |   |                     |   |
| 28 | [sub2_a_1_funding]                            | What are the funding sources to conduct tick surveillance   | che | eckbox  |                     |   |
|    | Show the field ONLY if:                       | activities?[select all that apply]  | 1   | sub2_a_1_func   | ling1               | local property taxes                                  |
|    | [sub2_a_identify_risk] = '1'                  |   | 2   | sub2_a_1_func   | ling <u></u> 2      | state taxes   |
|    |   |   | 3   | sub2_a_1_func   | ling3               | other type of state<br>funding                        |
|    |   |   | 4   | sub2_a_1_func   | ling <u></u> 4      | county taxes  |
|    |   |   | 5   | sub2_a_1_func   | ling5               | town or city taxes                                    |
|    |   |   | 6   | 6 sub2_a_1_funding6 private donation 7 sub2_a_1_funding7 surcharge on ser goods |                     | private donations                                     |
|    |   |   | 7   |   |                     | surcharge on services or goods                        |
|    |   |   | 8   | sub2_a_1_func   | ling <u>8</u>       | federal funds   |
|    |   |   | 9   | sub2_a_1_func   | ling9               | other   |

|  | 29  | [sub2_a_1_a_funding_other] Show the field ONLY if: [sub2_a_1_funding(9)] = '1'                                 | Please describe any other funding source(s) for tick surveillance activities:  | text   |  |  |
|--|---|--|--|--|--|--|
|  | 30  | [sub2_a_2_surviellance_meth  | What tick surveillance methods does your agency, or group  | checkbox, Required   |  |  |
|  | ods] Show the field ONLY if: [sub2_a_identify_risk] = '1'  of agencies, use to to measure the risk of tick exposure in your jurisdiction?[select all that apply]  2 | 1 sub2_a_2_surviellance_methods1 collecting ticks from vegetation (e.g. tick dragging / flagging)              |  |  |  |  |
|  |   |  |  | 2 sub2_a_2_surviellance_methods2 wildlife / small mammal surveys |  |  |
|  |   |  |  | 3 sub2_a_2_surviellance_methods3 tick submissions from public    |  |  |
|  |   |  |  | 4 sub2_a_2_surviellance_methods4 veterinary data                 |  |  |
|  |   |  |  | 5 sub2_a_2_surviellance_methods5 deer check stations             |  |  |
|  |   |  | 6 sub2_a_2_surviellance_methods6 carbon dioxide traps  |  |  |  |
|  |   |  |  | 7 sub2_a_2_surviellance_methods7 other                           |  |  |
|  | 31  | [sub2_a_2_a_surviellance_oth<br>er]<br>Show the field ONLY if:<br>[sub2_a_2_surviellance_metho<br>ds(7)] = '1' | Please describe any other surveillance methods your agency uses to measure the risk of tick exposure in your jurisdiction: | text   |  |  |

|  | 32                      | [sub2_a_3_using_data]  | [select all that apply]  | che   | ckbox, Required              |   |  |
|--|-------------------------|--|--|---|------------------------------|---|--|
|  | Show the field ONLY if: |  |  | 1   | sub2_a_3_using_data1         | mapping the local tick<br>(or tickborne disease)<br>exposure risk |  |
|  |                         | 2  | sub2_a_3_using_data2   | informing the public of high-risk areas for exposure to ticks and tickborne disease agents through print or digital media |                              |   |  |
|  |                         |  |  | 3   | sub2_a_3_using_data3         | posting signage in<br>high-use public areas                       |  |
|  |                         |  |  | 4   | sub2_a_3_using_data4         | directing tick control efforts                                    |  |
|  |                         |  |  | 5   | sub2_a_3_using_data5         | evaluating tick control efforts                                   |  |
|  |                         |  |  | 6   | sub2_a_3_using_data6         | research  |  |
|  |                         |  |  | 7   | sub2_a_3_using_data7         | other   |  |
|  | 33                      | [sub2_a_3_a_uses_other]  Show the field ONLY if: [sub2_a_3_using_data(7)] = '1'    | Please describe any other way(s) your agency uses surveillance data:   | tex   | t                            |   |  |
|  | 34                      | [sub2_a_4_pathogen_testing]  Show the field ONLY if: [sub2_a_identify_risk] = '1'  | Does your agency test the ticks it collects for human pathogens?   | 1   | yesno, Required  1 Yes  0 No |   |  |
|  | 35                      | [sub2_a_6_interest_starting]  Show the field ONLY if: [sub2_a_identify_risk] = '0' | If resources, including funding and training opportunities, were available, would your agency be interested in developing the capacity to inform the public of high-risk areas for exposure to ticks and tickborne disease agents? | yes<br>1<br>0   |                              |   |  |

| 36 | [sub2_a_4_a_testing_agency]  | Who is responsible for testing the ticks your agency collects?                        | che                         | checkbox, Required   |  |  |  |  |
|----|--|---|-----------------------------|--|--|--|--|--|
|    | Show the field ONLY if: [sub2_a_4_pathogen_testing]  | [select all that apply]   | 1                           | sub2_a_4_a_testing_agency1                                       | your<br>organization   |  |  |  |
|    | = '1'  |   | 2                           | sub2_a_4_a_testing_agency2                                       | county-level<br>health<br>department                         |  |  |  |
|    |  |   | 3                           | sub2_a_4_a_testing_agency3                                       | county-level<br>vector control                               |  |  |  |
|    |  |   | 4                           | sub2_a_4_a_testing_agency4                                       | state-level<br>health<br>department                          |  |  |  |
|    |  |   | 5                           | sub2_a_4_a_testing_agency5                                       | state-level<br>vector control                                |  |  |  |
|    |  |   | 6                           | sub2_a_4_a_testing_agency6                                       | state-level<br>department<br>of agriculture<br>/ environment |  |  |  |
|    |  | 7   | sub2_a_4_a_testing_agency7  | academic<br>institution /<br>university<br>extension<br>services |  |  |  |  |
|    |  |   | 8                           | sub2_a_4_a_testing_agency8                                       | private<br>laboratory  |  |  |  |
|    |  |   | 9                           | sub2_a_4_a_testing_agency9                                       | Centers for Disease Control and Prevention                   |  |  |  |
|    |  | 10  | sub2_a_4_a_testing_agency10 | other  |  |  |  |  |
| 37 | [sub2_a_4_a_1_other_agency] Show the field ONLY if: [sub2_a_4_a_testing_agency(1 0)] = '1' | Please specify any other agencies responsible for testing ticks your agency collects: | text                        |  |  |  |  |  |

| 38 | [sub2_a_4_b]  | What are the pathogens for which your agency tests? [select  | [select checkbox, Required |                     |                                |
|----|---|--|----------------------------|---------------------|--------------------------------|
|    | Show the field ONLY if:                                 | all that apply]  | 1                          | sub2_a_4_b1         | Anaplasma phagocytophilum      |
|    | [sub2_a_4_pathogen_testing] = '1'                       |  | 2                          | sub2_a_4_b2         | Babesia microti                |
|    | - 1   |  | 3                          | sub2_a_4_b3         | Bourbon virus                  |
|    |   |  | 4                          | sub2_a_4_b4         | Colorado tick fever virus      |
|    |   |  | 5                          | sub2_a_4_b5         | Borrelia burgdorferi           |
|    |   |  | 6                          | sub2_a_4_b6         | Borrelia miyamotoi             |
|    |   |  | 7                          | sub2_a_4_b7         | Borrelia mayonii               |
|    |   |  | 8                          | sub2_a_4_b8         | Ehr <b>l</b> ichia chaffeensis |
|    |   |  | 9                          | sub2_a_4_b9         | Ehrlichia ewingii              |
|    |   |  | 10                         | sub2_a_4_b10        | Ehrlichia muris eauclairensis  |
|    |   |  | 11                         | sub2_a_4_b11        | Francisella tularensis         |
|    |   |  | 12                         | sub2_a_4_b12        | Heartland virus                |
|    |   |  | 13                         | sub2_a_4_b13        | Powassan virus                 |
|    |   |  | 14                         | sub2_a_4_b14        | Rickettsia parkeri             |
|    |   |  | 15                         | sub2_a_4_b15        | Rickettsia rickettsii          |
|    |   |  | 16                         | sub2_a_4_b16        | Other                          |
| 39 | [sub2_a_4_other]  | Please list any other pathogens for which your agency tests.   | text                       |                     |                                |
|    | Show the field ONLY if: $[sub2_a_4_b(16)] = '1'$        |  |                            |                     |                                |
| 40 | [sub2_a_5_expand_surviellanc<br>e]                      | Do you want to expand your agency's capacity to use or conduct tick surveillance to measure the risk of tick |                            | no, Required<br>Yes |                                |
|    | Show the field ONLY if:<br>[sub2_a_identify_risk] = '1' | exposure in your jurisdiction?   | 0 No                       |                     |                                |
| 41 | [sub2_a_5_a_header]                                     | What would be most helpful to expand your agency's   | desc                       | criptive            |                                |
|    | Show the field ONLY if: [sub2_a_5_expand_surviellanc    | capacity to measure the risk of tick exposure in your jurisdiction?  |                            |                     |                                |
|    | e] = '1'  | Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5':     |                            |                     |                                |

| 42 | [sub2_a_5_a1] Show the field ONLY if: [sub2_a_5_expand_surviellanc e] = '1'  | funding                | radio (Matrix - ranking), Required  1 |
|----|--|------------------------|---------------------------------------|
| 43 | [sub2_a_5_a2] Show the field ONLY if: [sub2_a_5_expand_surviellanc e] = '1'  | personnel              | radio (Matrix - ranking), Required  1 |
| 44 | [sub2_a_5_a3]  Show the field ONLY if: [sub2_a_5_expand_surviellanc e] = '1' | equipment              | radio (Matrix - ranking), Required  1 |
| 45 | [sub2_a_5_a4] Show the field ONLY if: [sub2_a_5_expand_surviellanc e] = '1'  | standardized protocols | radio (Matrix - ranking), Required  1 |

| 46 | [sub2_a_5_a5] Show the field ONLY if: [sub2_a_5_expand_surviellanc e] = '1'    | training   | 1<br>2<br>3<br>4      | 2 3 4                                     | g), Required  |
|----|--|--|-----------------------|---|---|
| 47 | [sub2_a_5_a_1]  Show the field ONLY if: [sub2_a_5_expand_surviellance] = '1'   | Please describe anything else you might require to help expand your agency's capacity to conduct surveillance and identify high-risk areas:  | tex                   | t   |   |
| 48 | [sub2_a_5_b] Show the field ONLY if: [sub2_a_5_expand_surviellanc e] = '1'     | Please select any other potential roadblocks to the development or expansion of your agency's capacity to measure the risk of tick exposure in your jurisdiction: [select all that apply]  | 1<br>2<br>3<br>4<br>5 | sub2_a_5_b3<br>sub2_a_5_b4<br>sub2_a_5_b5 | constrained by legislative mandate  concerns for safety of staff  lack of public support  lack of administrative support  public not likely to use information  inability to effectively disseminate information  other |
| 49 | [sub2_a_5_b_1]<br>Show the field ONLY if:<br>[sub2_a_5_b(7)] = '1'             | Please describe any other reasons your agency might be uninterested in measuring the risk of tick exposure in your jurisdiction:   | tex                   | t   |   |
| 50 | [sub2_a_6_a_header] Show the field ONLY if: [sub2_a_6_interest_starting] = '1' | What would be most helpful to expand your agency's capacity to use or conduct tick surveillance to measure the risk of tick exposure in your jurisdiction?  Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5': | des                   | scriptive                                 |   |

| 51 | [sub2_a_6_a1]  Show the field ONLY if: [sub2_a_6_interest_starting] = '1' | funding                | radio (Matrix - ranking), Required  1 |
|----|---|------------------------|---------------------------------------|
| 52 | [sub2_a_6_a2]  Show the field ONLY if: [sub2_a_6_interest_starting] = '1' | personnel              | radio (Matrix - ranking), Required  1 |
| 53 | [sub2_a_6_a3]  Show the field ONLY if: [sub2_a_6_interest_starting] = '1' | equipment              | radio (Matrix - ranking), Required  1 |
| 54 | [sub2_a_6_a4]  Show the field ONLY if: [sub2_a_6_interest_starting] = '1' | standardized protocols | radio (Matrix - ranking), Required  1 |

| 55 | [sub2_a_6_a5]  Show the field ONLY if: [sub2_a_6_interest_starting] = '1'                 | training  | radio (Matrix - ranking), Required  1   |
|----|---|---|---|
| 56 | [sub2_a_6_a_1_capacity_other]  Show the field ONLY if: [sub2_a_6_interest_starting] = '1' | Please describe anything else you might require to help expand your agency's capacity to conduct surveillance and identify high-risk areas:   | text  |
| 57 | [sub2_a_6_e]  Show the field ONLY if: [sub2_a_6_interest_starting] = '1'                  | Please select any other potential roadblocks to the development or expansion of your agency's capacity to measure the risk of tick exposure in your jurisdiction: [select all that apply] | checkbox, Required  1 sub2_a_6_e1 constrained by legislative mandate  2 sub2_a_6_e2 concerns for safety of staff  3 sub2_a_6_e3 lack of public support  4 sub2_a_6_e4 lack of administrative support  5 sub2_a_6_e5 public not likely to use information  6 sub2_a_6_e6 inability to effectively disseminate information  7 sub2_a_6_e7 other |
| 58 | [sub2_a_6_e_1]  Show the field ONLY if: [sub2_a_6_e(7)] = '1'                             | Please describe any other reasons your agency might be uninterested in measuring the risk of tick exposure in your jurisdiction:  | text  |

| 59 | [sub2_a_6_b_surveillance_res  | might your agency use?[select all that apply] now the field ONLY if:               | che                | checkbox, Required                |                                     |   |  |
|----|---|--|--------------------|-----------------------------------|-------------------------------------|---|--|
|    | ources] Show the field ONLY if: [sub2_a_6_interest_starting] = '1'          |  | 1                  | sub2_a_6_b_surveillance_resources | 51                                  | collecting<br>ticks from<br>vegetation<br>(e.g. tick<br>dragging /<br>flagging) |  |
|    |   |  | 2                  | sub2_a_6_b_surveillance_resources | 52                                  | tick<br>submissions<br>from public  |  |
|    |   |  | 3                  | sub2_a_6_b_surveillance_resources | s <u> </u> 3                        | veterinary<br>data  |  |
|    |   |  | 4                  | sub2_a_6_b_surveillance_resources | 54                                  | other   |  |
|    |   |  | 5                  | sub2_a_6_b_surveillance_resources | 55                                  | do not know   |  |
| 60 | [sub2_a_6_b_1_surveillance_o ther]  | nce_o Please describe any other tick surveillance method(s) your agency might use: |                    | xt .                              |                                     |   |  |
|    | Show the field ONLY if:<br>[sub2_a_6_b_surveillance_reso<br>urces(4)] = '1' |  |                    |                                   |                                     |   |  |
| 61 | [sub2_a_6_c_surveillance_use  | How would your agency likely use tick surveillance data?                           | checkbox, Required |                                   |                                     |   |  |
|    | Show the field ONLY if: [sub2_a_6_interest_starting] = '1'                  |  | 1                  |                                   | inforn<br>public<br>risk ar         | of high-  |  |
|    |   |  | 2                  |                                   | inforn<br>deplo<br>tick co<br>opera | yment of ontrol   |  |
|    |   |  | 3                  |                                   | evalua<br>deplo<br>contro           | yed tick  |  |
|    |   |  | 4                  | sub2_a_6_c_surveillance_use4      | other                               |   |  |

| 62 | [sub2_a_6_c_1_other_uses]  Show the field ONLY if: [sub2_a_6_c_surveillance_use (4)] = '1' | Please describe any other ways your agency might use surveillance data: | text |                                |  |
|----|--|---|------|--------------------------------|--|
| 63 | [sub2_a_6_d_why_not_interest   | Why is your agency uninterested in measuring the risk of                | che  | ckbox, Required                |  |
|    | ed] Show the field ONLY if: [sub2_a_6_interest_starting] = '0'                             | show the field ONLY if:<br>sub2_a_6_interest_starting] =                | 1    | sub2_a_6_d_why_not_interested1 | ticks and<br>tickborne<br>disease are<br>not a priority<br>concern in<br>our<br>jurisdiction |
|    |  |   | 2    | sub2_a_6_d_why_not_interested2 | constrained<br>by legislative<br>mandate   |
|    |  |   | 3    | sub2_a_6_d_why_not_interested3 | concerns fo<br>safety of sta   |
|    |  |   | 4    | sub2_a_6_d_why_not_interested4 | lack of publ<br>support  |
|    |  |   |      | 5                              | sub2_a_6_d_why_not_interested5   |
|    |  |   | 6    | sub2_a_6_d_why_not_interested6 | lack of train  |
|    |  |   | 7    | sub2_a_6_d_why_not_interested7 | public not<br>likely to use<br>information   |
|    |  |   | 8    | sub2_a_6_d_why_not_interested8 | inability to<br>effectively<br>disseminate<br>information                                    |
|    |  |   |      |                                |  |

|     |       |   |  | 9    | al<br>av<br>el<br>co<br>al<br>o               | nformation<br>Ilready<br>Ivailable<br>Elsewhere or<br>Iollected by<br>Inother<br>Organization |
|-----|-------|---|--|------|---|---|
|     |       |   |  | 10   | sub2_a_6_d_why_not_interested10 o             | other   |
|     | 64    | [sub2_a_6_d_1_not_interested<br>_other]<br>Show the field ONLY if:<br>[sub2_a_6_d_why_not_interest<br>ed(10)] = '1' | Please describe any other reasons your agency might be uninterested in measuring the risk of tick exposure in your jurisdiction: | text |   |   |
|     | 65    | [subsection_2_tick_surveillanc<br>e_and_risk_mitigation_comple<br>te]   | Section Header: Form Status Complete?  | 0    | odown<br>Incomplete<br>Unverified<br>Complete |   |
| Ins | trume | nt: Subsection 3: Tick cont   | trol methods (subsection_3_tick_control_methods)   | Enab | oled as survey                                |   |
|     | 66    | [sub3_header]   | Capacity to deploy tick control targeting high-use public property or private property   | des  | criptive                                      |   |

| 67 | [sub3_a_finding_methods]  | Where does your agency acquire information regarding  | chec | kbox, Required           |   |
|----|---|---|------|--------------------------|---|
|    |   | available tick control methods?[select all that apply]  | 1    | sub3_a_finding_methods1  | scientific<br>literature  |
|    |   |   | 2    | sub3_a_finding_methods2  | county health<br>department                                     |
|    |   |   | 3    | sub3_a_finding_methods3  | state health<br>department                                      |
|    |   |   | 4    | sub3_a_finding_methods4  | Centers for<br>Disease Control<br>and Prevention                |
|    |   |   | 5    | sub3_a_finding_methods5  | university<br>extension<br>services                             |
|    |   |   | 6    | sub3_a_finding_methods6  | academic<br>institution   |
|    |   |   | 7    | sub3_a_finding_methods7  | meetings  |
|    |   |   | 8    | sub3_a_finding_methods8  | companies who produce pest management products                  |
|    |   |   | 9    | sub3_a_finding_methods9  | local private<br>pest<br>management<br>operators                |
|    |   |   | 10   | sub3_a_finding_methods10 | professional<br>groups (e.g. ESA<br>/ AMCA / ASTHO<br>/ NACCHO) |
|    |   |   | 11   | sub3_a_finding_methods11 | other   |
| 68 | [sub3_a_1] Show the field ONLY if: [sub3_a_finding_methods(11)] = '1' | Please describe any other source(s) your agency uses to acquire information regarding tick control methods: | text |                          |   |

| 70 | [sub3_b_control_frequency]  [sub3_b_2_other_frequency]  Show the field ONLY if: [sub3_b_control_frequency] =  | On average, how often does your agency deploy tick control?  Please describe any other frequency at which your agency deploys tick control: | radio, Required  1 multiple times per year  2 once a year  3 never  4 other  text   |
|----|---|---|---|
| 71 | '4'  [sub3_b_1_annual_frequency]  Show the field ONLY if: [sub3_b_control_frequency] = '1'  | Please provide an approximate number of tick control applications your agency deploys per year:   | text  |
| 72 | [sub3_c_methods_used]  Show the field ONLY if: [sub3_b_control_frequency] = '1' or [sub3_b_control_frequen cy] = '2' or [sub3_b_control_fre quency] = '4' | What, if any, tick control methods does your agency currently deploy?[select all that apply]  | checkbox, Required  1 sub3_c_methods_used1 application of acaricides (e.g. pesticide targeting ticks) to vegetation (synthetic, biological, or natural) |
|    |   |   | 2 sub3_c_methods_used2 deer-targeted intervention 3 sub3_c_methods_used3 rodent-targeted  |
|    |   |   | intervention  4 sub3_c_methods_used4 habitat /or landscape management   |
|    |   |   | 5 sub3_c_methods_used5 other  |
| 73 | [sub3_c_1_other_method]  Show the field ONLY if: [sub3_c_methods_used(5)] = '1'   | Please describe any other tick control method(s) your agency deploys:   | notes   |

| 74 | [subsection_3_tick_control_m ethods_complete]                    | Section Header: Form Status  Complete?  | dropdown  0 Incomplete  1 Unverified  2 Complete   |
|----|--|---|--|
| 75 | [sub3a_i] Show the field ONLY if: [sub3_c_methods_used(1)] = '1' | de application (subsection_3a_acaricide_application)  Section Header: Capacity to apply acaricides  What types of acaricide products does your agency deploy for tick control?[select all that apply] | checkbox, Required  1 sub3a_i1 synthetic chemical  2 sub3a_i2 natural botanical product  3 sub3a_i3 entomopathogenic fungus  4 sub3a_i4 other  |
| 76 | [sub3a_i_1] Show the field ONLY if: [sub3a_i(4)] = '1'           | Please describe any other type(s) of acaricide products your agency deploys for tick control?:  | text   |
| 77 | [sub3a_a] Show the field ONLY if: [sub3_c_methods_used(1)] = '1' | What are the funding sources for your agency's acaricide applications?[select all that apply]   | checkbox, Required  1 sub3a_a1 local property taxes  2 sub3a_a2 state taxes  3 sub3a_a3 county taxes  4 sub3a_a4 town or city taxes  5 sub3a_a5 private donations  6 sub3a_a6 surcharge on services or goods  7 sub3a_a7 federal funds  8 sub3a_a8 other |
| 78 | [sub3a_a_1] Show the field ONLY if: [sub3a_a(8)] = '1'           | Please describe any other funding source(s) your agency uses for acaricide applications:  | text   |

| 79 | [sub3a_d] Show the field ONLY if: [sub3_c_methods_used(1)] = '1'       | Do acaricide applications target private property, public property, or both?                           | radio, Required  1 private properties  2 public properties  3 both private public properties   |
|----|--|--|--|
| 80 | [sub3a_b] Show the field ONLY if: [sub3a_d] = '2' or [sub3a_d] = '3'   | What triggers your agency to apply acaricides on public property?[select all that apply]               | checkbox, Required  1 sub3a_b1 response to tick surveillance data  2 sub3a_b2 response to human case data  3 sub3a_b3 ongoing program deployed at predetermined sites  4 sub3a_b4 based on public complaint or request  5 sub3a_b5 other |
| 81 | [sub3a_b_1]  Show the field ONLY if: [sub3a_b(5)] = '1'                | Please describe any other reason(s) that trigger your agency to apply acaricides on public property:   | text   |
| 82 | [sub3a_d_2] Show the field ONLY if: [sub3a_d] = '3' or [sub3a_d] = '1' | What triggers your agency to apply acaricides on private property?[select all that apply]              | checkbox, Required  1 sub3a_d_21 response to tick surveillance data 2 sub3a_d_22 response to human case data 3 sub3a_d_23 ongoing program deployed at predetermined sites 4 sub3a_d_24 landowner request 5 sub3a_d_25 other              |
| 83 | [sub3a_d_2_1]  Show the field ONLY if: [sub3a_d_2(5)] = '1'            | Please describe any other reason(s) that trigger your agency to deploy acaricides on private property: | notes  |

| 84 | [sub3a_c] Show the field ONLY if: [sub3a_d] = '2' or [sub3a_d] = '3'   | Approximately how many public properties does your agency generally treat with acaricide applications per year?  | radio, Required  1 1-5 2 5-10 3 10-50 4 >50  |
|----|--|--|--|
| 85 | [sub3a_j] Show the field ONLY if: [sub3a_d] = '3' or [sub3a_d] = '1'   | Approximately how many private properties does your agency generally treat with acaricide applications per year? | radio, Required  1   |
| 86 | [sub3a_d_1] Show the field ONLY if: [sub3a_d] = '2' or [sub3a_d] = '3' | What type(s) of public property does your agency target for acaricide application(s)?[select all that apply]     | checkbox, Required  1 sub3a_d_11 parks  2 sub3a_d_12 picnic areas  3 sub3a_d_13 community centers  4 sub3a_d_14 school grounds  5 sub3a_d_15 forested areas  6 sub3a_d_16 campgrounds  7 sub3a_d_17 summer camps  8 sub3a_d_18 golf course  9 sub3a_d_19 other |
| 87 | [sub3a_d_1_a] Show the field ONLY if: [sub3a_d_1(9)] = '1'             | Please describe any other type(s) of public property your agency targets for acaricide applications:             | text   |

| 88 | [sub3a_e]  | How does your agency evaluate the efficacy of acaricide  | checkbox, Required   |  |  |  |
|----|--|--|--|--|--|--|
|    | Show the field ONLY if: [sub3_c_methods_used(1)] = '1'       | applications?[select all that apply]   | 1 sub3a_e1 reduction of tick density based on surveillance (e.g. tick flagging / dragging) |  |  |  |
|    |  |  | 2 sub3a_e2 reduction in ticks submitted by the public                                      |  |  |  |
|    |  |  | 3 sub3a_e3 reduction in public complaints or service requests                              |  |  |  |
|    |  |  | 4 sub3a_e4 reduction in human tickborne disease cases                                      |  |  |  |
|    |  |  | 5 sub3a_e5 other evaluation metric   |  |  |  |
|    |  |  | 6 sub3a_e6 unfamiliar with evaluation methods  |  |  |  |
|    |  |  | 7 sub3a_e7 no evaluation   |  |  |  |
| 89 | [sub3a_e_1]  | Please describe any other ways your agency evaluates   | text   |  |  |  |
|    | Show the field ONLY if:<br>[sub3a_e(5)] = '1'                | acaricide applications:  |  |  |  |  |
| 90 | [sub3a_f]  | Do you want to expand your agency's capacity to apply  | yesno, Required  |  |  |  |
|    | Show the field ONLY if:<br>[sub3_c_methods_used(1)] =<br>'1' | acaricides on private property?  | 1 Yes 0 No   |  |  |  |
| 91 | [sub3a_f_1_header]   | What would be most helpful to expand your agency's   | descriptive  |  |  |  |
|    | Show the field ONLY if:                                      | capacity to apply acaricides on private property?  |  |  |  |  |
|    | [sub3a_f] = '1'  | Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5': |  |  |  |  |
| 92 | [sub3a_f_1a]   | funding  | radio (Matrix - ranking), Required   |  |  |  |
|    | Show the field ONLY if:<br>[sub3a_f] = '1'                   |  | 1     1       2     2       3     3       4     4  |  |  |  |
|    |  |  | 5 5  |  |  |  |

| 93 | [sub3a_f_1b]                               | personnel  | radio (Matrix - ranking), Required |
|----|--|--|------------------------------------|
|    | Show the field ONLY if:                    |  | 1 1                                |
|    | [sub3a_f] = '1'                            |  | 2 2                                |
|    |  |  | 3 3                                |
|    |  |  | 4 4                                |
|    |  |  | 5 5                                |
| 94 | [sub3a_f_1c]                               | equipment  | radio (Matrix - ranking), Required |
|    | Show the field ONLY if:                    |  | 1 1                                |
|    | [sub3a_f] = '1'                            |  | 2 2                                |
|    |  |  | 3 3                                |
|    |  |  | 4 4                                |
|    |  |  | 5 5                                |
| 95 | [sub3a_f_1d]                               | standardized protocols   | radio (Matrix - ranking), Required |
|    | Show the field ONLY if:                    |  | 1 1                                |
|    | [sub3a_f] = '1'                            |  | 2 2                                |
|    |  |  | 3 3                                |
|    |  |  | 4 4                                |
|    |  |  | 5 5                                |
| 96 | [sub3a_f_1e]                               | training   | radio (Matrix - ranking), Required |
|    | Show the field ONLY if:                    |  | 1 1                                |
|    | [sub3a_f] = '1'                            |  | 2 2                                |
|    |  |  | 3 3                                |
|    |  |  | 4 4                                |
|    |  |  | 5 5                                |
| 97 | [sub3a_f_1_a]                              | Please describe anything else you might require to help                | text                               |
|    | Show the field ONLY if:<br>[sub3a_f] = '1' | expand your agency's capacity to apply acaricides on private property: |                                    |

| 98  | [sub3a_j_1]  | Please select any other potential roadblocks to the  |                  |                           | checkbox, Required  |  |  |  |
|-----|--|--|------------------|---------------------------|---|--|--|--|
|     | Show the field ONLY if:<br>[sub3a_f] = '1'                   | development or expansion of your agency's capacity to apply acaricides to private property.[select all that apply] | 1                | sub3a_j_11                | constrained by legislative mandate  |  |  |  |
|     |  |  | 2                | sub3a_j_12                | concerns for safety of staff  |  |  |  |
|     |  |  | 3                | sub3a_j_13                | public perceptions of environmental concerns  |  |  |  |
|     |  |  | 4                | sub3a_j_14                | public perceptions of personal/family health concerns                                     |  |  |  |
|     |  |  | 5                | sub3a_j_15                | limited evidence of control efficacy  |  |  |  |
|     |  |  | 6                | sub3a_j_16                | lack of administrative support  |  |  |  |
|     |  |  | 7                | sub3a_j_17                | public not likely to use information  |  |  |  |
|     |  |  | 8                | sub3a <u>j</u> 1 <u>8</u> | high risk areas protected under federal and state regulation                              |  |  |  |
|     |  |  | 9                | sub3a_j_19                | local / state / federal agency<br>concern with effects on wildlife<br>population / health |  |  |  |
|     |  |  | 10               | sub3a_j_110               | other   |  |  |  |
| 99  | [sub3a_j_1_a]  | Please describe any other potential roadblocks to the  | text             |                           |   |  |  |  |
|     | Show the field ONLY if:<br>[sub3a_j_1(10)] = '1'             | development or expansion of your agency's capacity to apply acaricides to private property:                        |                  |                           |   |  |  |  |
| 100 | 100 [sub3a_g]  | Do you want to expand your agency's capacity to apply  | yesno, Required  |                           |   |  |  |  |
|     | Show the field ONLY if:<br>[sub3_c_methods_used(1)] =<br>'1' | acaricides on public property?   | l <del>⊢ ⊢</del> | Yes<br>No                 |   |  |  |  |
| 101 | [sub3a_g_1_header]   | What would be most helpful to expand your agency's   | desc             | criptive                  |   |  |  |  |
|     | Show the field ONLY if:                                      | capacity to apply acaricides on public property?   |                  |                           |   |  |  |  |
|     | [sub3a_g] = '1'  | Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5':           |                  |                           |   |  |  |  |

| 102 | [sub3a_g_1a] Show the field ONLY if: [sub3a_g] = '1' | funding                | radio (Matrix - ranking), Required  1 |
|-----|--|------------------------|---------------------------------------|
| 103 | [sub3a_g_1b] Show the field ONLY if: [sub3a_g] = '1' | personnel              | radio (Matrix - ranking), Required  1 |
| 104 | [sub3a_g_1c] Show the field ONLY if: [sub3a_g] = '1' | equipment              | radio (Matrix - ranking), Required  1 |
| 105 | [sub3a_g_1d] Show the field ONLY if: [sub3a_g] = '1' | standardized protocols | radio (Matrix - ranking), Required  1 |

| 106 | [sub3a_g_1e] Show the field ONLY if: [sub3a_g] = '1'        | training  | 1<br>2<br>3 | 3                            | ), Required   |
|-----|---|---|-------------|------------------------------|---|
| 107 | [sub3a_g_1_a]<br>Show the field ONLY if:<br>[sub3a_g] = '1' | Please describe anything else you might require to help expand your agency's capacity to apply acaricides on public property:   | text        |                              |   |
| 108 | [sub3a_k_1]  Show the field ONLY if:                        | Please select any other potential roadblocks to the development or expansion of your agency's capacity to apply acaricides to public property.[select all that apply] | ched<br>1   | kbox, Required<br>sub3a_k_11 | constrained by legislative<br>mandate   |
|     | [sub3a_g] = '1'   |   | 2           | sub3a_k_12                   | concerns for safety of staff  |
|     |   |   | 3           | sub3a_k_13                   | public perceptions of environmental concerns  |
|     |   |   | 4           | sub3a_k_14                   | public perceptions of personal/family health concerns                                     |
|     |   |   | 5           | sub3a_k_15                   | limited evidence of control efficacy  |
|     |   |   | 6           | sub3a_k_16                   | lack of administrative support  |
|     |   |   | 7           | sub3a_k_17                   | public not likely to use<br>information   |
|     |   |   | 8           | sub3a_k_18                   | high risk areas protected<br>under federal and state<br>regulation                        |
|     |   |   | 9           | sub3a_k_19                   | local / state / federal agency<br>concern with effects on wildlife<br>population / health |
|     |   |   | 10          | sub3a_k_110                  | other   |

| 109 | [sub3a_k_1_a] Show the field ONLY if: [sub3a_k_1(10)] = '1'      | Please describe any other potential roadblocks to the development or expansion of your agency's capacity to apply acaricides to private property:  | text   |
|-----|--|--|--|
| 110 | [sub3a_h] Show the field ONLY if: [sub3_c_methods_used(1)] = '0' | If resources, including funding and training opportunities, were available, would your agency be interested in developing the capacity to apply acaricides to control ticks?               | yesno, Required  1 Yes  0 No   |
| 111 | [sub3a_h_1] Show the field ONLY if: [sub3a_h] = '1'              | If your agency were to apply acaricides for tick control, what type(s) of public property would be most feasible for your agency to target?[select all that apply]                         | checkbox, Required  1 sub3a_h_11 parks  2 sub3a_h_12 picnic areas  3 sub3a_h_13 community centers  4 sub3a_h_14 school grounds  5 sub3a_h_15 forested areas  6 sub3a_h_16 campgrounds  7 sub3a_h_17 summer camps  8 sub3a_h_18 golf course  9 sub3a_h_19 other |
| 112 | [sub3a_h_1_a]  Show the field ONLY if: [sub3a_h_1(9)] = '1'      | Please describe any other type(s) of public property your agency might target for acaricide applications:  | text   |
| 113 | [sub3a_h_2] Show the field ONLY if: [sub3a_h] = '1'              | If your agency were to apply acaricides, would it treat private property?  | yesno, Required  1 Yes  0 No   |
| 114 | [sub3a_h_3_header] Show the field ONLY if: [sub3a_h] = '1'       | What would be most helpful to expand your agency's capacity to apply acaricides?  Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5': | descriptive, Required  |

| 115 | [sub3a_h_3a] Show the field ONLY if: [sub3a_h] = '1'       | funding                | radio (Matrix - ranking), Required  1 |
|-----|--|------------------------|---------------------------------------|
| 116 | [sub3a_h_3b] Show the field ONLY if: [sub3a_h] = '1'       | personnel              | radio (Matrix - ranking), Required  1 |
| 117 | [sub3a_h_3c]<br>Show the field ONLY if:<br>[sub3a_h] = '1' | equipment              | radio (Matrix - ranking), Required  1 |
| 118 | [sub3a_h_3d] Show the field ONLY if: [sub3a_h] = '1'       | standardized protocols | radio (Matrix - ranking), Required  1 |

| 1 |     | [sub3a_h_3e]<br>Show the field ONLY if:<br>[sub3a_h] = '1'  | training   | 1<br>2<br>3 | 2<br>3<br>4    | g), Required  |
|---|-----|---|--|-------------|----------------|---|
| 1 |     | [sub3a_h_3_a]<br>Show the field ONLY if:<br>[sub3a_h] = '1' | Please describe anything else you might require to help expand your agency's capacity to apply acaricides: | text        |                |   |
| 1 | 121 | [sub3a_l_1]   | Please select any other potential roadblocks to the  | ched        | kbox, Required |   |
|   |     | Show the field ONLY if:<br>[sub3a_h] = '1'                  | development or expansion of your agency's capacity to apply acaricides.[select all that apply]             | 1           | sub3a_l_11     | constrained by legislative<br>mandate   |
|   |     |   |  | 2           | sub3a_l_12     | concerns for safety of staff  |
|   |     |   |  | 3           | sub3a_l_13     | public perceptions of environmental concerns  |
|   |     |   |  | 4           | sub3a_l_14     | public perceptions of<br>personal/family health<br>concerns                               |
|   |     |   |  | 5           | sub3a_l_15     | limited evidence of control efficacy  |
|   |     |   |  | 6           | sub3a_l_16     | lack of administrative support  |
|   |     |   |  | 7           | sub3a_l_17     | public not likely to use information  |
|   |     |   |  | 8           | sub3a_l_18     | high risk areas protected under federal and state regulation                              |
|   |     |   |  | 9           | sub3a_l_19     | local / state / federal agency<br>concern with effects on wildlife<br>population / health |
|   |     |   |  | 10          | sub3a_l_110    | other   |

| 122 | [sub3a_l_1_a]  Show the field ONLY if: [sub3a_l_1(10)] = '1' | Please describe any other potential roadblocks to the development or expansion of your agency's capacity to apply acaricides to private property: | text |                |   |
|-----|--|---|------|----------------|---|
| 123 | [sub3a_h_4]  | Why is your agency uninterested in applying acaricides?   | ched | kbox, Required |   |
|     | Show the field ONLY if:<br>[sub3a_h] = '0'                   | [select all that apply]   | 1    | sub3a_h_41     | ticks and tickborne disease are<br>not a priority concern in our<br>jurisdiction          |
|     |  |   | 2    | sub3a_h_42     | constrained by legislative<br>mandate   |
|     |  |   | 3    | sub3a_h_43     | concerns for safety of staff  |
|     |  |   | 4    | sub3a_h_44     | public perceptions of environmental concerns  |
|     |  |   | 5    | sub3a_h_45     | public perceptions of personal/family health concerns                                     |
|     |  |   | 6    | sub3a_h_46     | limited evidence of control efficacy  |
|     |  |   | 7    | sub3a_h_47     | lack of administrative support  |
|     |  |   | 8    | sub3a_h_48     | lack of trained personnel   |
|     |  |   | 9    | sub3a_h_49     | local / state / federal agency<br>concern with effects on<br>wildlife population / health |
|     |  |   | 10   | sub3a_h_410    | other   |
| 124 | [sub3a_h_4_a]  Show the field ONLY if: [sub3a_h_4(10)] = '1' | Please describe any other reason(s) your agency is uninterested in applying acaricides:   | text |                |   |
| 125 | [subsection_3a_acaricide_appl                                | Section Header: Form Status   | drop | odown          |   |
|     | ication_complete]  | Complete?   | 0    | Incomplete     |   |
|     |  |   | 1    | Unverified     |   |
|     |  |   | 2    | Complete       |   |

| 126 | [sub3c_i]  Show the field ONLY if: [sub3_c_methods_used(3)] = '1' | Section Header: Capacity to deploy rodent-targeted tick control What rodent-targeted tick control methods does your agency deploy?[select all that apply] | checkbox, Required  1 sub3c_i1 damminix tick tubes  2 sub3c_i2 thermacell tick tubes  3 sub3c_i3 select TCS bait boxes   |
|-----|---|---|--|
| 127 | [sub3c_i_1]  Show the field ONLY if: [sub3c_i(4)] = '1'           | Please describe any other rodent-targeted tick control method(s) your agency deploys:   | 4 sub3c_i_4 other text   |
| 128 | [sub3c_a]  Show the field ONLY if: [sub3_c_methods_used(3)] = '1' | What are the funding sources for your agency's rodent-targeted tick control activities?[select all that apply]  | checkbox, Required  1 sub3c_a1 local property taxes  2 sub3c_a2 state taxes  3 sub3c_a3 county taxes  4 sub3c_a4 town or city taxes  5 sub3c_a5 private donations  6 sub3c_a6 surcharge on services or goods  7 sub3c_a7 federal funds  8 sub3c_a8 other |
| 129 | [sub3c_a_1] Show the field ONLY if: [sub3c_a(8)] = '1'            | Please describe any other funding source(s) your agency uses for rodent-targeted tick control:  | text   |
| 130 | [sub3c_d]  Show the field ONLY if: [sub3_c_methods_used(3)] = '1' | Does your agency target private property, public property, or both, when deploying rodent-targeted tick control?  | radio, Required  1 private properties  2 public properties  3 both private and public properties   |

| 131 | [sub3c_b] Show the field ONLY if: [sub3c_d] = '3' or [sub3c_d] = '2'   | What triggers your agency to deploy rodent-targeted tick control on public property?[select all that apply]              | checkbox, Required  1 sub3c_b1 in response to tick surveillance data  2 sub3c_b2 in response to human case data  3 sub3c_b3 ongoing program deployed at predetermined sites   |
|-----|--|--|---|
|     |  |  | 4 sub3c_b4 based on public complaint or request  5 sub3c_b5 other   |
| 132 | [sub3c_b_1]  Show the field ONLY if: [sub3c_b(5)] = '1'                | Please describe any other reason(s) that trigger your agency to deploy rodent-targeted tick control on public property:  | text  |
| 133 | [sub3c_d_2] Show the field ONLY if: [sub3c_d] = '3' or [sub3c_d] = '1' | What triggers your agency to deploy rodent-targeted tick control on private property?[select all that apply]             | checkbox, Required  1 sub3c_d_21 in response to tick surveillance data  2 sub3c_d_22 in response to human case data  3 sub3c_d_23 ongoing program deployed at predetermined sites  4 sub3c_d_24 landowner request  5 sub3c_d_25 other |
| 134 | [sub3c_d_2_1]  Show the field ONLY if: [sub3c_d_2(5)] = '1'            | Please describe any other reason(s) that trigger your agency to deploy rodent-targeted tick control on private property: | text  |
| 135 | [sub3c_c] Show the field ONLY if: [sub3c_d] = '2' or [sub3c_d] = '3'   | At approximately how many public properties does your agency deploy rodent-targeted tick control per year?               | radio, Required  1  |

| 136 | [sub3c_c_2] Show the field ONLY if: [sub3c_d] = '3' or [sub3c_d] = '1' | At approximately how many private properties does your agency deploy rodent-targeted tick control per year?             | radio, Required  1   |
|-----|--|---|--|
| 137 | [sub3c_d_1] Show the field ONLY if: [sub3c_d] = '2' or [sub3c_d] = '3' | What type(s) of public property does your agency target when using rodent-targeted tick control?[select all that apply] | checkbox, Required  1 sub3c_d_11 parks  2 sub3c_d_12 picnic areas  3 sub3c_d_13 community centers  4 sub3c_d_14 school grounds  5 sub3c_d_15 forested areas  6 sub3c_d_16 campgrounds  7 sub3c_d_17 summer camps  8 sub3c_d_18 golf course  9 sub3c_d_19 other |
| 138 | [sub3c_d_1_a]  Show the field ONLY if: [sub3c_d_1(9)] = '1'            | Please describe any other type(s) of public property your agency targets with rodent-targeted tick control:             | text   |

| 139 | [sub3c_e]  | How does your agency evaluate the efficacy of rodent-  | che         | eckbox, Requir    | ed  |
|-----|--|--|-------------|-------------------|---|
|     | Show the field ONLY if:<br>[sub3_c_methods_used(3)] =<br>'1' | targeted tick control?[select all that apply]  | 1           | sub3c_e1          | reduction of tick density based on<br>surveillance (e.g. tick flagging /<br>dragging) |
|     |  |  | 2           | sub3c_e2          | reduction in ticks submitted by the public  |
|     |  |  | 3           | sub3c_e3          | reduction in public complaints or service requests                                    |
|     |  |  | 4           | sub3c_e4          | reduction in human tickborne<br>disease cases   |
|     |  |  | 5           | sub3c_e5          | other evaluation metric   |
|     |  |  | 6           | sub3c_e6          | unfamiliar with evaluation methods  |
|     |  |  | 7           | sub3c_e7          | no evaluation   |
| 140 | [sub3c_e_1]  | Please describe any other way(s) your agency evaluates the   | tex         | t                 |   |
|     | Show the field ONLY if:<br>[sub3c_e(5)] = '1'                | efficacy of rodent-targeted tick control:  |             |                   |   |
| 141 | [sub3c_f]  | Do you want to expand your agency's capacity to deploy   | yes         | no, Required      |   |
|     | Show the field ONLY if:<br>[sub3_c_methods_used(3)] =<br>'1' | rodent-targeted tick control on private property?  | 0           | Yes<br>No         |   |
| 142 | [sub3c_f_1_header]   | What would be most helpful to expand your agency's   | des         | scriptive         |   |
|     | Show the field ONLY if:<br>[sub3c_f] = '1'                   | capacity to deploy rodent-targeted tick control on private property?                                     |             |                   |   |
|     |  | Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5': |             |                   |   |
| 143 | [sub3c_f_1a]   | funding  | rac         | lio (Matrix - rai | nking), Required  |
|     | Show the field ONLY if:<br>[sub3c_f] = '1'                   |  | 1<br>2<br>3 | 2                 |   |
|     |  |  | 5           | 5                 |   |

| 144 | [sub3c_f_1b] Show the field ONLY if: [sub3c_f] = '1'  | personnel   | radio (Matrix - ranking), Required  1 |
|-----|---|---|---------------------------------------|
| 145 | [sub3c_f_1c] Show the field ONLY if: [sub3c_f] = '1'  | equipment   | radio (Matrix - ranking), Required  1 |
| 146 | [sub3c_f_1d] Show the field ONLY if: [sub3c_f] = '1'  | standardized protocols  | radio (Matrix - ranking), Required  1 |
| 147 | [sub3c_f_1e] Show the field ONLY if: [sub3c_f] = '1'  | training  | radio (Matrix - ranking), Required  1 |
| 148 | [sub3c_f_1_a] Show the field ONLY if: [sub3c_f] = '1' | Please describe anything else you might require to help expand your agency's capacity to deploy rodent-targeted tick control on private property: | text                                  |

| 149 | [sub3c_j_1]  | development or expansion of your agency's capacity to deploy rodent-targeted tick control on private property. | chec        | checkbox, Required        |   |  |  |
|-----|--|--|-------------|---------------------------|---|--|--|
|     | Show the field ONLY if:<br>[sub3c_f] = '1'                   |  | 1           | sub3c_j_11                | constrained by legislative<br>mandate   |  |  |
|     |  | [select all that apply]  | 2           | sub3c <u>j</u> 1_2        | concerns for safety of staff  |  |  |
|     |  |  | 3           | sub3c_j_13                | public perceptions of environmental concerns  |  |  |
|     |  |  | 4           | sub3c_j_14                | public perceptions of<br>personal/family health<br>concerns                               |  |  |
|     |  |  | 5           | sub3c_j_15                | limited evidence of control efficacy  |  |  |
|     |  |  | 6           | sub3c_j_16                | lack of administrative support  |  |  |
|     |  |  | 7           | sub3c_j_17                | public not likely to use<br>information   |  |  |
|     |  |  | 8           | sub3c <u>j</u> 18         | high risk areas protected under federal and state regulation                              |  |  |
|     |  |  | 9           | sub3c_j_19                | local / state / federal agency<br>concern with effects on wildlife<br>population / health |  |  |
|     |  |  | 10          | sub3c_j_110               | other   |  |  |
| 150 | [sub3c_j_1_a]  | Please describe any other potential roadblocks to the  | text        |                           |   |  |  |
|     | Show the field ONLY if:<br>[sub3c_j_1(10)] = '1'             | development or expansion of your agency's capacity to deploy rodent-targeted tick control on private property: |             |                           |   |  |  |
| 151 | [sub3c_g] Show the field ONLY if: [sub3_c_methods_used(3)] = | Do you want to expand your agency's capacity to deploy rodent-targeted tick control on public property?        | 1           | no, Required<br>Yes<br>No |   |  |  |
|     | '1'  |  |             |                           |   |  |  |
| 152 | [sub3c_g_1_header]   | What would be most helpful to expand your agency's capacity to deploy rodent-targeted tick control on public   | descriptive |                           |   |  |  |
|     | Show the field ONLY if:<br>[sub3c_g] = '1'                   | property?  |             |                           |   |  |  |
|     |  | Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5':       |             |                           |   |  |  |

| 153 | [sub3c_g_1a] Show the field ONLY if: [sub3c_g] = '1' | funding                | radio (Matrix - ranking), Required  1 |
|-----|--|------------------------|---------------------------------------|
| 154 | [sub3c_g_1b] Show the field ONLY if: [sub3c_g] = '1' | personnel              | radio (Matrix - ranking), Required  1 |
| 155 | [sub3c_g_1c] Show the field ONLY if: [sub3c_g] = '1' | equipment              | radio (Matrix - ranking), Required  1 |
| 156 | [sub3c_g_1d] Show the field ONLY if: [sub3c_g] = '1' | standardized protocols | radio (Matrix - ranking), Required  1 |

| 1 | 157 | [sub3c_g_1e]<br>Show the field ONLY if:<br>[sub3c_g] = '1'  | training  | 1<br>2<br>3 | 3                            | r), Required  |
|---|-----|---|---|-------------|------------------------------|---|
| 1 | 158 | [sub3c_g_1_a]<br>Show the field ONLY if:<br>[sub3c_g] = '1' | Please describe anything else you might require to help expand your agency's capacity to deploy rodent-targeted tick control on public property:  | text        |                              |   |
| 1 | 159 | [sub3c_k_1]<br>Show the field ONLY if:<br>[sub3c_g] = '1'   | Please select any other potential roadblocks to the development or expansion of your agency's capacity to deploy rodent-targeted tick control on public property. [select all that apply] | ched<br>1   | kbox, Required<br>sub3c_k_11 | constrained by legislative<br>mandate   |
|   |     |   |   | 3           | sub3c_k_12<br>sub3c_k_13     | concerns for safety of staff  public perceptions of environmental concerns                |
|   |     |   |   | 4           | sub3c_k_14                   | public perceptions of personal/family health concerns                                     |
|   |     |   |   | 5           | sub3c_k_15                   | limited evidence of control efficacy  |
|   |     |   |   | 6           | sub3c_k_16                   | lack of administrative support  |
|   |     |   |   | 7           | sub3c_k_17                   | public not likely to use information  |
|   |     |   |   | 8           | sub3c_k_18                   | high risk areas protected<br>under federal and state<br>regulation                        |
|   |     |   |   | 9           | sub3c_k_19                   | local / state / federal agency<br>concern with effects on wildlife<br>population / health |
|   |     |   |   | 10          | sub3c_k_110                  | other   |

| 160 | [sub3c_k_1_a]  Show the field ONLY if: [sub3c_k_1(10)] = '1'     | Please describe any other potential roadblocks to the development or expansion of your agency's capacity to deploy rodent-targeted tick control on public property:   | text   |
|-----|--|---|--|
| 161 | [sub3c_h] Show the field ONLY if: [sub3_c_methods_used(3)] = '0' | If resources, including funding and training opportunities, were available, would your agency be interested in developing the capacity to deploy rodent-targeted tick control?                                | yesno, Required  1 Yes  0 No   |
| 162 | [sub3c_h_1] Show the field ONLY if: [sub3c_h] = '1'              | If your agency were to deploy rodent-targeted tick control, what type(s) of public property would be most feasible for your agency to target?[select all that apply]  | checkbox, Required  1 sub3c_h_11 parks  2 sub3c_h_12 picnic areas  3 sub3c_h_13 community centers  4 sub3c_h_14 school grounds  5 sub3c_h_15 forested areas  6 sub3c_h_16 campgrounds  7 sub3c_h_17 summer camps  8 sub3c_h_18 golf course  9 sub3c_h_19 other |
| 163 | [sub3c_h_1_a] Show the field ONLY if: [sub3c_h_1(9)] = '1'       | Please describe any other type(s) of public property your agency might target:  | text   |
| 164 | [sub3c_h_2] Show the field ONLY if: [sub3c_h] = '1'              | If your agency were to deploy rodent-targeted tick control, would it treat private property?  | yesno, Required  1 Yes  0 No   |
| 165 | [sub3c_h_3_header] Show the field ONLY if: [sub3c_h] = '1'       | What would be most helpful to expand your agency's capacity to deploy rodent-targeted tick control?  Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5': | descriptive  |

| 166 | [sub3c_h_3a]            | funding                | radio (Matrix - ranking), Required |
|-----|-------------------------|------------------------|------------------------------------|
|     | Show the field ONLY if: |                        | 1 1                                |
|     | [sub3c_h] = '1'         |                        | 2 2                                |
|     |                         |                        | 3 3                                |
|     |                         |                        | 4 4                                |
|     |                         |                        | 5 5                                |
| 167 | [sub3c_h_3b]            | personnel              | radio (Matrix - ranking), Required |
|     | Show the field ONLY if: |                        | 1 1 1                              |
|     | [sub3c_h] = '1'         |                        | 2 2                                |
|     |                         |                        | 3 3                                |
|     |                         |                        | 4 4                                |
|     |                         |                        | 5 5                                |
| 168 | [sub3c_h_3c]            | equipment              | radio (Matrix - ranking), Required |
|     | Show the field ONLY if: |                        | 1 1                                |
|     | [sub3c_h] = '1'         |                        | 2 2                                |
|     |                         |                        | 3 3                                |
|     |                         |                        | 4 4                                |
|     |                         |                        | 5 5                                |
| 169 | [sub3c_h_3d]            | standardized protocols | radio (Matrix - ranking), Required |
|     | Show the field ONLY if: |                        | 1 1                                |
|     | [sub3c_h] = '1'         |                        | 2 2                                |
|     |                         |                        | 3 3                                |
|     |                         |                        | 4 4                                |
|     |                         |                        | 5 5                                |
|     |                         |                        |                                    |

| 170 | [sub3c_h_3e] Show the field ONLY if: [sub3c_h] = '1'  | training  | 1<br>2<br>3 | 3              | g), Required  |
|-----|---|---|-------------|----------------|---|
| 171 | [sub3c_h_3_a] Show the field ONLY if: [sub3c_h] = '1' | Please describe anything else you might require to help expand your agency's capacity to deploy rodent-targeted tick control: | text        |                |   |
| 172 | [sub3c_l_1]   | Please select any other potential roadblocks to the   | ched        | kbox, Required |   |
|     | Show the field ONLY if:<br>[sub3c_h] = '1'            | development or expansion of your agency's capacity to deploy rodent-targeted tick control.[select all that apply]             | 1           | sub3c_l_11     | constrained by legislative<br>mandate   |
|     |   |   | 2           | sub3c_l_12     | concerns for safety of staff  |
|     |   |   | 3           | sub3c_l_13     | public perceptions of environmental concerns  |
|     |   |   | 4           | sub3c_l_14     | public perceptions of<br>personal/family health<br>concerns                               |
|     |   |   | 5           | sub3c_l_15     | limited evidence of control efficacy  |
|     |   |   | 6           | sub3c_l_16     | lack of administrative support  |
|     |   |   | 7           | sub3c_l_17     | public not likely to use information  |
|     |   |   | 8           | sub3c_l_18     | high risk areas protected under federal and state regulation                              |
|     |   |   | 9           | sub3c_l_19     | local / state / federal agency<br>concern with effects on wildlife<br>population / health |
|     |   |   | 10          | sub3c_l_110    | other   |

| 173 | [sub3c_l_1_a]  Show the field ONLY if:                 | Please describe any other potential roadblocks to the development or expansion of your agency's capacity to deploy rodent-targeted tick control: | text     |                |   |
|-----|--|--|----------|----------------|---|
| 174 | [sub3c_l_1(10)] = '1'<br>[sub3c_h_4]                   | Why is your agency uninterested in deploying rodent-   | ched     | kbox, Required |   |
|     | Show the field ONLY if:<br>[sub3c_h] = '0'             | targeted tick control?[select all that apply]  | 1        | sub3c_h_41     | ticks and tickborne disease are<br>not a priority concern in our<br>jurisdiction          |
|     |  |  | 2        | sub3c_h_42     | constrained by legislative<br>mandate   |
|     |  |  | 3        | sub3c_h_43     | concerns for safety of staff  |
|     |  |  | 4        | sub3c_h_44     | local / state / federal agency<br>concern with effects on wildlife<br>population / health |
|     |  |  | 5        | sub3c_h_45     | public perceptions of environmental concerns  |
|     |  |  | 6        | sub3c_h_46     | public perceptions of personal/family health concerns                                     |
|     |  |  | 7        | sub3c_h_47     | limited evidence of control efficacy  |
|     |  |  | 8        | sub3c_h_48     | lack of administrative support  |
|     |  |  | 9        | sub3c_h_49     | lack of trained personnel   |
|     |  |  | 10       | sub3c_h_410    | other   |
| 175 | [sub3c_h_4_a] Show the field ONLY if:                  | Please describe any other reason(s) your agency is uninterested in deploying rodent-targeted tick control:                                       | text     |                |   |
| 176 | [sub3c_h_4(10)] = '1'                                  |  | <b>.</b> |                |   |
| 176 | [subsection_3c_rodent_target ed_intervention_complete] | Section Header: Form Status  Complete?   | 1        | ncomplete      |   |
|     |  | Complete.  | $\Box$   | Unverified     |   |
|     |  |  | 11       | Complete       |   |
|     |  | tor landscape management (subsection_3d_habitat_   |          | <u> </u>       |   |

| 177 | [sub3d_i] Show the field ONLY if: [sub3_c_methods_used(4)] = '1' | Section Header: Capacity to deploy habitat or landscape modification tick control  What habitat or landscape modification tick control methods does your agency deploy?[select all that apply] | checkbox, Required  1 sub3d_i1 mowing  2 sub3d_i2 brush clearing  3 sub3d_i3 leaf litter removal  4 sub3d_i4 xeric borders along high-risk tick habitat  5 sub3d_i5 burning  6 sub3d_i6 other  |
|-----|--|--|--|
| 178 | [sub3d_i_1] Show the field ONLY if: [sub3d_i(6)] = '1'           | Please describe any other habitat or landscape modification tick control method(s) your agency deploys:  | text   |
| 179 | [sub3d_a] Show the field ONLY if: [sub3_c_methods_used(4)] = '1' | What are the funding sources for your agency's habitat or landscape management tick control? [select all that apply]   | checkbox, Required  1 sub3d_a1 local property taxes  2 sub3d_a2 state taxes  3 sub3d_a3 county taxes  4 sub3d_a4 town or city taxes  5 sub3d_a5 private donations  6 sub3d_a6 surcharge on services or goods  7 sub3d_a7 federal funds  8 sub3d_a8 other |
| 180 | [sub3d_a_1]  Show the field ONLY if: [sub3d_a(8)] = '1'          | Please describe any other funding source(s) for your agency's habitat or landscape management tick control:  | text   |
| 181 | [sub3d_d] Show the field ONLY if: [sub3_c_methods_used(4)] = '1' | Does your agency deploy habitat or landscape management tick control on private or public properties, or both?   | radio, Required  1 private properties  2 public properties  3 both private and public properties   |

| 182 | [sub3d_b]  |   | checkbox, Required  1 sub3d_b1 in response to tick surveillance |
|-----|--|---|---|
|     | Show the field ONLY if:<br>[sub3d_d] = '2' or [sub3d_d] =  | apply]  | data  |
|     | '3'  |   | 2 sub3d_b2 in response to human case data                       |
|     |  |   | 3 sub3d_b3 ongoing program deployed at predetermined sites      |
|     |  |   | 4 sub3d_b4 based on public complaint or request                 |
|     |  |   | 5 sub3d_b5 other  |
| 183 | [sub3d_b_1]  | Please describe any other reason(s) that trigger your agency                | text  |
|     | Show the field ONLY if:<br>[sub3d_b(5)] = '1'              | to deploy habitat or landscape management tick control on public property:  |   |
| 184 | [sub3d_d_2]  | management tick control on private property? [select all that apply]        | checkbox, Required  |
|     | Show the field ONLY if: [sub3d_d] = '3' or [sub3d_d] = '1' |   | 1 sub3d_d_21 in response to tick surveillance data              |
|     |  |   | 2 sub3d_d_22 in response to human case data                     |
|     |  |   | 3 sub3d_d_23 ongoing program deployed at predetermined sites    |
|     |  |   | 4 sub3d_d_24 landowner request                                  |
|     |  |   | 5 sub3d_d_25 other  |
| 185 | [sub3d_d_2_1]  | Please describe any other reason(s) that trigger your agency                | text  |
|     | Show the field ONLY if:<br>[sub3d_d_2(5)] = '1'            | to deploy habitat or landscape management tick control on private property: |   |
| 186 | [sub3d_c]  | On approximately how many public properties does your                       | radio, Required   |
|     | Show the field ONLY if:<br>[sub3d_d] = '2' or [sub3d_d] =  | agency deploy habitat or landscape management tick<br>control per year?     | 1     1-5       2     5-10                                      |
|     | '3'  |   | 3 10-50   |
|     |  |   | 4 >50   |

| 1 | 187 | [sub3d_c_2]  Show the field ONLY if: [sub3d_d] = '3' or [sub3d_d] = '1' | On approximately how many private properties does your agency deploy habitat or landscape management tick control per year?      | radio, Required  1   |
|---|-----|---|--|--|
| 1 | 188 | [sub3d_d_1]  Show the field ONLY if: [sub3d_d] = '2' or [sub3d_d] = '3' | On what type(s) of public space(s) does your agency deploy habitat or landscape management tick control? [select all that apply] | checkbox, Required  1 sub3d_d_11 parks  2 sub3d_d_12 picnic areas  3 sub3d_d_13 community centers  4 sub3d_d_14 school grounds  5 sub3d_d_15 forested areas  6 sub3d_d_16 campgrounds  7 sub3d_d_17 summer camps  8 sub3d_d_18 golf course  9 sub3d_d_19 other |
| 1 | 189 | [sub3d_d_1_a]<br>Show the field ONLY if:<br>[sub3d_d_1(9)] = '1'        | Please describe any other type(s) of public spaces on which your agency deploys habitat or landscape management tick control:    | text   |

| 19 | 0 [sub3d_e]  | How does your agency evaluate the efficacy of habitat or  | checkbox, Required   |
|----|--|---|--|
|    | Show the field ONLY if:<br>[sub3_c_methods_used(4)] = '1'          | landscape management tick control? [select all that apply]  | 1 sub3d_e1 reduction of tick density based on surveillance (e.g. tick flagging / dragging) |
|    |  |   | 2 sub3d_e2 reduction in ticks submitted by the public                                      |
|    |  |   | 3 sub3d_e3 reduction in public complaints or service requests                              |
|    |  |   | 4 sub3d_e4 reduction in human tickborne disease cases                                      |
|    |  |   | 5 sub3d_e5 other evaluation metric   |
|    |  |   | 6 sub3d_e6 unfamiliar with evaluation methods  |
|    |  |   | 7 sub3d_e7 no evaluation   |
| 19 | 1 [sub3d_e_1] Show the field ONLY if: [sub3d_e(5)] = '1'           | Please describe any other way(s) in which your agency evaluates habitat or landscape management tick control:                             | text   |
| 19 | 2 [sub3d_f] Show the field ONLY if: [sub3_c_methods_used(4)] = '1' | Do you want to expand your agency's capacity to deploy habitat or landscape management tick control on private properties?                | yesno, Required  1 Yes  0 No   |
| 19 | 3 [sub3d_f_1_header] Show the field ONLY if: [sub3d_f] = '1'       | What would be most helpful to expand your agency's capacity to deploy habitat or landscape management tick control on private properties? | descriptive  |
|    |  | Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5':                                  |  |

| 194 | [sub3d_f_1a] Show the field ONLY if: [sub3d_f] = '1' | funding                | radio (Matrix - ranking), Required  1 |
|-----|--|------------------------|---------------------------------------|
| 195 | [sub3d_f_1b] Show the field ONLY if: [sub3d_f] = '1' | personnel              | radio (Matrix - ranking), Required  1 |
| 196 | [sub3d_f_1c] Show the field ONLY if: [sub3d_f] = '1' | equipment              | radio (Matrix - ranking), Required  1 |
| 197 | [sub3d_f_1d] Show the field ONLY if: [sub3d_f] = '1' | standardized protocols | radio (Matrix - ranking), Required  1 |

| 198 | [sub3d_f_1e]<br>Show the field ONLY if:<br>[sub3d_f] = '1' | training  | radio (Matrix - ranking), Required  1   |
|-----|--|---|---|
| 199 | [sub3d_f_1_a] Show the field ONLY if: [sub3d_f] = '1'      | Please describe anything else you might require to help expand your agency's capacity to deploy habitat or landscape management tick control on private properties:                                       | text  |
| 200 | [sub3d_j_1] Show the field ONLY if: [sub3d_f] = '1'        | Please select any other potential roadblocks to the development or expansion of your agency's capacity to deploy habitat or landscape management tick control on private property.[select all that apply] | checkbox, Required  1 sub3d_j_11 constrained by legislative mandate  2 sub3d_j_12 concerns for safety of staff  3 sub3d_j_13 public perceptions of environmental concerns  4 sub3d_j_14 public perceptions of personal/family health concerns  5 sub3d_j_15 limited evidence of control efficacy  6 sub3d_j_16 lack of administrative support  7 sub3d_j_17 public not likely to use information  8 sub3d_j_18 high risk areas protected under federal and state regulation  9 sub3d_j_19 other |
| 201 | [sub3d_j_1_a] Show the field ONLY if: [sub3d_j_1(9)] = '1' | Please describe any other potential roadblocks to the development or expansion of your agency's capacity to deploy habitat or landscape management tick control on private property:                      | text  |

| 202 | [sub3d_g] Show the field ONLY if: [sub3_c_methods_used(4)] = '1' | Do you want to expand your agency's capacity to deploy habitat or landscape management tick control on public property?  | yesno, Required  1 Yes  0 No          |
|-----|--|--|---------------------------------------|
| 203 | [sub3d_g_1_header] Show the field ONLY if: [sub3d_g] = '1'       | What would be most helpful to expand your agency's capacity to use habitat or landscape management tick control methods on public properties or lands?  Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5': | descriptive                           |
| 204 | [sub3d_g_1a] Show the field ONLY if: [sub3d_g] = '1'             | funding  | radio (Matrix - ranking), Required  1 |
| 205 | [sub3d_g_1b] Show the field ONLY if: [sub3d_g] = '1'             | personnel  | radio (Matrix - ranking), Required  1 |
| 206 | [sub3d_g_1c] Show the field ONLY if: [sub3d_g] = '1'             | equipment  | radio (Matrix - ranking), Required  1 |

| 207 | [sub3d_g_1d]<br>Show the field ONLY if:<br>[sub3d_g] = '1' | standardized protocols   | radio (Matrix - ranking), Required  1 |
|-----|--|--|---------------------------------------|
| 208 | [sub3d_g_1e] Show the field ONLY if: [sub3d_g] = '1'       | training   | radio (Matrix - ranking), Required  1 |
| 209 | [sub3d_g_1_a] Show the field ONLY if: [sub3d_g] = '1'      | Please describe anything else that may help expand your agency's capacity to deploy habitat or landscape management tick control on public property: | text                                  |

| 210 | [sub3d_k_1]  | Please select any other potential roadblocks to the  | che | eckbox, Required |  |
|-----|--|--|-----|------------------|--|
| 210 | Show the field ONLY if: [sub3d_g] = '1'                | development or expansion of your agency's capacity to deploy habitat or landscape management tick control on                       | 1   | sub3d_k_11       | constrained by legislative<br>mandate                        |
|     | _  | public property.[select all that apply]  | 2   | sub3d_k_12       | concerns for safety of staff                                 |
|     |  |  | 3   | sub3d_k_13       | public perceptions of environmental concerns                 |
|     |  |  | 4   | sub3d_k_14       | public perceptions of<br>personal/family health concerns     |
|     |  |  | 5   | sub3d_k_15       | limited evidence of control efficacy                         |
|     |  |  | 6   | sub3d_k_16       | lack of administrative support                               |
|     |  |  | 7   | sub3d_k_17       | public not likely to use information                         |
|     |  |  | 8   | sub3d_k_18       | high risk areas protected under federal and state regulation |
|     |  |  | 9   | sub3d_k_19       | other  |
| 211 | [sub3d_k_1_a]  | Please describe any other potential roadblocks to the  | tex | t                |  |
|     | Show the field ONLY if:<br>[sub3d_k_1(9)] = '1'        | development or expansion of your agency's capacity to deploy habitat or landscape management tick control on public property:      |     |                  |  |
| 212 | [sub3d_h]  | If resources, including funding and training opportunities,  | yes | no, Required     |  |
|     | Show the field ONLY if: [sub3_c_methods_used(4)] = '0' | were available, would your agency be interested in developing the capacity to deploy habitat or landscape management tick control? | 0   | Yes<br>No        |  |

| 213 | [sub3d_h_1]                                     | If your agency were to deploy habitat or landscape  | checkbox, Required                 |
|-----|---|---|------------------------------------|
|     | Show the field ONLY if:                         | management tick control, what type(s) of public space(s) would be most feasible for your agency to target?[select all | 1 sub3d_h_11 parks                 |
|     | [sub3d_h] = '1'                                 | that apply]   | 2 sub3d_h_12 picnic areas          |
|     |   |   | 3 sub3d_h_13 community centers     |
|     |   |   | 4 sub3d_h_14 school grounds        |
|     |   |   | 5 sub3d_h_15 forested areas        |
|     |   |   | 6 sub3d_h_16 campgrounds           |
|     |   |   | 7 sub3d_h_17 summer camps          |
|     |   |   | 8 sub3d_h_18 golf course           |
|     |   |   | 9 sub3d_h_19 other                 |
| 214 | [sub3d_h_1_a]                                   | Please describe other type(s) of public space(s) your agency  | text                               |
|     | Show the field ONLY if:<br>[sub3d_h_1(9)] = '1' | might target:   |                                    |
| 215 | [sub3d_h_2]                                     | If your agency were to deploy habitat or landscape  | yesno, Required                    |
|     | Show the field ONLY if:<br>[sub3d_h] = '1'      | management tick control, would it target private properties?  | 1 Yes<br>0 No                      |
| 216 | <br>[sub3d_h_3_header]                          | What would be most helpful to expand your agency's  | descriptive                        |
|     | Show the field ONLY if:                         | capacity to deploy habitat or landscape management tick   | '                                  |
|     | [sub3d_h] = '1'                                 | control?  |                                    |
|     |   | Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5':              |                                    |
| 217 | [sub3d_h_3a]                                    | funding   | radio (Matrix - ranking), Required |
|     | Show the field ONLY if:                         |   |                                    |
|     | [sub3d_h] = '1'                                 |   | 2 2                                |
|     |   |   | 3 3                                |
|     |   |   | 4 4                                |
|     |   |   | 5 5                                |

| 218 | [sub3d_h_3b] Show the field ONLY if: [sub3d_h] = '1'  | personnel   | radio (Matrix - ranking), Required  1 |
|-----|---|---|---------------------------------------|
| 219 | [sub3d_h_3c] Show the field ONLY if: [sub3d_h] = '1'  | equipment   | radio (Matrix - ranking), Required  1 |
| 220 | [sub3d_h_3d]  Show the field ONLY if: [sub3d_h] = '1' | standardized protocols  | radio (Matrix - ranking), Required  1 |
| 221 | [sub3d_h_3e] Show the field ONLY if: [sub3d_h] = '1'  | training  | radio (Matrix - ranking), Required  1 |
| 222 | [sub3d_h_3_a] Show the field ONLY if: [sub3d_h] = '1' | Please describe anything else you might require to help expand your agency's capacity to deploy habitat or landscape management tick control: | text                                  |

| 223 | [sub3d_l_1]  | development or expansion of your agency's capacity to deploy habitat or landscape management tick control | che        | eckbox, Required                             |  |
|-----|--|---|------------|--|--|
|     | Show the field ONLY if:<br>[sub3d_h] = '1'   |   | 1          | sub3d_l_11                                   | constrained by legislative<br>mandate                        |
|     |  |   | 2          | sub3d_l_12                                   | concerns for safety of staff                                 |
|     |  | 3   | sub3d_l_13 | public perceptions of environmental concerns |  |
|     |  |   | 4          | sub3d_l_14                                   | public perceptions of personal/family health concerns        |
|     |  |   | 5          | sub3d_l_15                                   | limited evidence of control efficacy                         |
|     |  |   | 6          | sub3d_l_16                                   | lack of administrative support                               |
|     |  |   | 7          | sub3d_l_17                                   | public not likely to use information                         |
|     |  |   | 8          | sub3d_l_18                                   | high risk areas protected under federal and state regulation |
|     |  |   | 9          | sub3d_l_19                                   | other  |
| 224 | [sub3d_l_1_a]  | Please describe any other potential roadblocks to the   | tex        | t  |  |
|     | Show the field ONLY if: development or expansion of your agency's capacity to deploy habitat or landscape management tick control: |   |            |  |  |

| Show the field ONLY if:  | landscape management tick control?[select all that apply]  | ΙГ.   | checkbox, Required   |   |  |
|--|--|---|--|---|--|
| [sub3d_h] = '0'  | landscape management tick control?[select all that apply]  | 1   | sub3d_h_41   | ticks and tickborne disease are<br>not a priority concern in our<br>jurisdiction  |  |
|  |  | 2   | sub3d_h_42   | constrained by legislative mandate  |  |
|  |  | 3   | sub3d_h_43   | concerns for safety of staff  |  |
|  |  | 4   | sub3d_h_44   | public perceptions of environmental concerns  |  |
|  |  | 5   | sub3d_h_45   | public perceptions of personal/family health concerns   |  |
|  |  | 6   | sub3d_h_46   | limited evidence of control efficacy  |  |
|  |  | 7   | sub3d_h_47   | lack of administrative support  |  |
|  |  | 8   | sub3d_h_48   | lack of trained personnel   |  |
|  |  | 9   | sub3d_h_49   | other   |  |
| [sub3d_h_4_a]<br>Show the field ONLY if:<br>[sub3d_h_4(9)] = '1' | Please describe any other reason(s) your agency is uninterested in deploying habitat or landscape management tick control: | tex   | t  |   |  |
| [subsection_3d_habitat_or_landscape_management_complete]         | Section Header: Form Status  Complete?   | 0   | Incomplete Unverified  |   |  |
|  | Show the field ONLY if: [sub3d_h_4(9)] = '1'  [subsection_3d_habitat_or_la ndscape_management_compl ete]                   | Show the field ONLY if: [sub3d_h_4(9)] = '1'  [subsection_3d_habitat_or_la ndscape_management_compl  Complete?  uninterested in deploying habitat or landscape management tick control:  Section Header: Form Status  Complete? | [sub3d_h_4_a] Show the field ONLY if: [sub3d_h_4(9)] = '1'  [subsection_3d_habitat_or_la ndscape_management_compl ete]  Please describe any other reason(s) your agency is uninterested in deploying habitat or landscape management tick control:  Section Header: Form Status  Complete? | [sub3d_h_4_a] Show the field ONLY if: [sub3d_h_4(9)] = '1'  [subsection_3d_habitat_or_landscape_management_complete]  Please describe any other reason(s) your agency is uninterested in deploying habitat or landscape management tick control:  text  dropdown  o Incomplete 1 Univerified 2 Complete |  |

| 228 | [sub3b_i]  Show the field ONLY if: [sub3_c_methods_used(2)] = '1' | Section Header: Capacity to deploy deer-targeted tick control What deer-targeted tick control methods does your agency deploy?[select all that apply] | checkbox, Required  1 sub3b_i1 deer removal  2 sub3b_i2 deer reproductive control  3 sub3b_i3 4-poster for topical application of acaricide to deer  4 sub3b_i4 deer fencing   |
|-----|---|---|--|
|     |   |   | 5 sub3b_i5 planting plants unpalatable to deer 6 sub3b_i6 other  |
| 229 | [sub3b_i_1]  Show the field ONLY if: [sub3b_i(6)] = '1'           | Please describe any other deer-targeted tick control method(s) your agency deploys:   | text   |
| 230 | [sub3b_a] Show the field ONLY if: [sub3_c_methods_used(2)] = '1'  | What are the funding sources for your agency's deer-targeted tick control?[select all that apply]   | checkbox, Required  1 sub3b_a1 local property taxes  2 sub3b_a2 state taxes  3 sub3b_a3 county taxes  4 sub3b_a4 town or city taxes  5 sub3b_a5 private donations  6 sub3b_a6 surcharge on services or goods  7 sub3b_a7 federal funds  8 sub3b_a8 other |
| 231 | [sub3b_a_1] Show the field ONLY if: [sub3b_a(8)] = '1'            | Please describe any other funding source(s) your agency uses for deer-targeted tick control:  | text   |

| 232 | [sub3b_b]   | What triggers your agency to deploy deer-targeted tick                              | checkbox, Required   |  |  |
|-----|---|---|--|--|--|
|     | Show the field ONLY if:<br>[sub3_c_methods_used(2)] =   | control on public property?[select all that apply]                                  | 1 sub3b_b1 in response to tick surveillance data           |  |  |
|     | '1'   |   | 2 sub3b_b2 in response to human case data                  |  |  |
|     |   |   | 3 sub3b_b3 ongoing program deployed at predetermined sites |  |  |
|     |   |   | 4 sub3b_b4 based on public complaint or request            |  |  |
|     |   |   | 5 sub3b_b5 other   |  |  |
| 233 | [sub3b_b_1]  Show the field ONLY if: [sub3b_b(5)] = '1' | Please describe any other reason(s) your agency deploys deer-targeted tick control: | text   |  |  |
| 234 | [sub3b_c]   | Approximately what size area is covered by your agency's                            | radio, Required  |  |  |
|     | Show the field ONLY if:                                 |   | 1 0 - 1 acre (0 - 0.001 sq mi)                             |  |  |
|     | [sub3_c_methods_used(2)] = '1'                          |   | 2 1 - 10 acres (0.001 - 0.016 sq mi)                       |  |  |
|     |   |   | 3 10 - 100 acres (0.01 - 0.156 sq mi)                      |  |  |
|     |   |   | 4 100 - 1000 acres (0.156 - 1.563 sq mi)                   |  |  |
|     |   |   | 6 1,000 - 10,000 acres (1.563 - 15.625 sq mi)              |  |  |
|     |   |   | 7 > 10,000 acres ( > 15.625 sq mi)                         |  |  |
| 235 | [sub3b_d_1]   | What type(s) of public property does your agency target to                          | checkbox, Required   |  |  |
|     | Show the field ONLY if:                                 | deploy deer-targeted tick control?[select all that apply]                           | 1 sub3b_d_11 parks   |  |  |
|     | [sub3_c_methods_used(2)] =                              |   | 2 sub3b_d_12 picnic areas                                  |  |  |
|     |   |   | 3 sub3b_d_13 community centers                             |  |  |
|     |   |   | 4 sub3b_d_14 school grounds                                |  |  |
|     |   |   | 5 sub3b_d_15 forested areas                                |  |  |
|     |   |   | 6 sub3b_d_16 campgrounds                                   |  |  |
|     |   |   | 7 sub3b_d_17 summer camps                                  |  |  |
|     |   |   | 8 sub3b_d_18 golf course                                   |  |  |
|     |   |   | 9 sub3b_d_19 other   |  |  |

|     |   | 1  |   |
|-----|---|--|---|
| 236 | [sub3b_d_1_a]  Show the field ONLY if: [sub3b_d_1(9)] = '1'       | Please describe any other type(s) of public property your agency targets with deer-targeted tick control:              | text  |
| 237 | [sub3b_d]  Show the field ONLY if: [sub3_c_methods_used(2)] = '1' | Does your agency target private property when deploying deer-targeted tick control?                                    | yesno, Required  1 Yes  0 No                      |
| 238 | [sub3b_d_3]  Show the field ONLY if: [sub3b_d] = '1'              | Please briefly name or describe the deer-targeted methods your agency deploys on private property:                     | text  |
| 239 | [sub3b_d_2]   | What triggers your agency to deploy deer-targeted tick   | checkbox, Required                                |
|     | Show the field ONLY if:   | control on private property?[select all that apply]  | 1 sub3b_d_21 landowner request                    |
|     | [sub3b_d] = '1'   |  | 2 sub3b_d_22 according to field surveillance data |
|     |   |  | 3 sub3b_d_23 according to human case data         |
|     |   |  | 4 sub3b_d_24 other                                |
| 240 | [sub3b_d_2_1]  Show the field ONLY if: [sub3b_d_2(4)] = '1'       | Please describe any other reason(s) that trigger your agency to deploy deer-targeted tick control on private property: | text  |

| 24  | [sub3b_e]  | eld ONLY if: targeted tick control?[select all that apply]   | checkbox, Required   |
|-----|--|--|--|
|     | Show the field ONLY if:<br>[sub3_c_methods_used(2)] =<br>'1' |  | 1 sub3b_e1 reduction of tick density based on surveillance (e.g. tick flagging / dragging) |
|     |  |  | 2 sub3b_e2 reduction in ticks submitted by the public                                      |
|     |  |  | 3 sub3b_e3 reduction in public complaints or service requests                              |
|     |  |  | 4 sub3b_e4 reduction in human tickborne disease cases                                      |
|     |  |  | 5 sub3b_e5 other evaluation metric   |
|     |  |  | 6 sub3b_e6 unfamiliar with evaluation methods  |
|     |  |  | 7 sub3b_e7 no evaluation   |
| 242 | [sub3b_e_1]  | Please describe any other way(s) your agency evaluates   | text   |
|     | Show the field ONLY if:<br>[sub3b_e(5)] = '1'                | deer-targeted tick control:  |  |
| 243 | [sub3b_g]  | Do you want to expand your agency's capacity to deploy   | yesno, Required  |
|     | Show the field ONLY if:<br>[sub3_c_methods_used(2)] =<br>'1' | deer-targeted tick control on public property?   | 1 Yes 0 No   |
| 244 | [sub3b_g_1_header]   | What would most help expand your agency's capacity to  | descriptive  |
|     | Show the field ONLY if:                                      | deploy deer-targeted tick control on public property?  |  |
|     | [sub3b_g] = '1'  | Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5': |  |
| 245 | [sub3b_g_1a]   | funding  | radio (Matrix - ranking), Required   |
|     | Show the field ONLY if:<br>[sub3b_g] = '1'                   |  | 1     1       2     2       3     3       4     4  |
|     |  |  | 5 5  |

| 246 | [sub3b_g_1b] Show the field ONLY if: [sub3b_g] = '1'  | personnel  | radio (Matrix - ranking), Required  1 |
|-----|---|--|---------------------------------------|
| 247 | [sub3b_g_1c] Show the field ONLY if: [sub3b_g] = '1'  | equipment  | radio (Matrix - ranking), Required  1 |
| 248 | [sub3b_g_1d] Show the field ONLY if: [sub3b_g] = '1'  | standardized protocols   | radio (Matrix - ranking), Required  1 |
| 249 | [sub3b_g_1e] Show the field ONLY if: [sub3b_g] = '1'  | training   | radio (Matrix - ranking), Required  1 |
| 250 | [sub3b_g_1_a] Show the field ONLY if: [sub3b_g] = '1' | Please describe anything else you might require to help expand your agency's capacity to deploy deer-targeted tick control on public property: | text                                  |

| 251 | [sub3b_k_1]   | Please select any other potential roadblocks to the development or expansion of your agency's capacity to deploy deer-targeted tick control.[select all that apply]          | ched | kbox, Required            |   |
|-----|---|--|------|---------------------------|---|
|     | Show the field ONLY if:<br>[sub3b_g] = '1'                        |  | 1    | sub3b_k_11                | constrained by legislative<br>mandate   |
|     | -   |  | 2    | sub3b_k_12                | concerns for safety of staff  |
|     |   |  | 3    | sub3b_k_13                | public perceptions of environmental concerns  |
|     |   |  | 4    | sub3b_k_14                | public perceptions of<br>personal/family health<br>concerns                               |
|     |   |  | 5    | sub3b_k_15                | limited evidence of control efficacy  |
|     |   |  | 6    | sub3b_k_16                | lack of administrative support  |
|     |   |  | 7    | sub3b_k_17                | public not likely to use<br>information   |
|     |   |  | 8    | sub3b_k_18                | high risk areas protected<br>under federal and state<br>regulation                        |
|     |   |  | 9    | sub3b_k_19                | local / state / federal agency<br>concern with effects on wildlife<br>population / health |
|     |   |  | 10   | sub3b_k_110               | other   |
| 252 | [sub3b_k_1_a]   | Please describe any other potential roadblocks to the  | text |                           |   |
|     | Show the field ONLY if:<br>[sub3b_k_1(10)] = '1'                  | development or expansion of your agency's capacity to deploy deer-targeted tick control:   |      |                           |   |
| 253 | [sub3b_h]  Show the field ONLY if: [sub3_c_methods_used(2)] = '0' | If resources, including funding and training opportunities, were available, would your agency be interested in developing the capacity to deploy deer-targeted tick control? | 1    | no, Required<br>Yes<br>No |   |

| 25 | 1 [sub3b_h_1]  | If your agency were to deploy deer-targeted tick control,   | checkbox, Required                    |  |  |  |
|----|--|---|---------------------------------------|--|--|--|
|    | Show the field ONLY if:                                    | what type(s) of public property would be most feasible for your agency to target?[select all that apply]  | 1 sub3b_h_11 parks                    |  |  |  |
|    | [sub3b_h] = '1'  | your agency to target?[select all that apply]   | 2 sub3b_h_12 picnic areas             |  |  |  |
|    |  |   | 3 sub3b_h_13 community centers        |  |  |  |
|    |  |   | 4 sub3b_h_14 school grounds           |  |  |  |
|    |  |   | 5 sub3b_h_15 forested areas           |  |  |  |
|    |  |   | 6 sub3b_h_16 campgrounds              |  |  |  |
|    |  |   | 7 sub3b_h_17 summer camps             |  |  |  |
|    |  |   | 8 sub3b_h_18 golf course              |  |  |  |
|    |  |   | 9 sub3b_h_19 other                    |  |  |  |
| 25 | 5 [sub3b_h_1_a]  | Please describe any other type(s) of public property your   | text                                  |  |  |  |
|    | Show the field ONLY if:<br>[sub3b_h_1(9)] = '1'            | agency might target for deer-targeted tick control:   |                                       |  |  |  |
| 25 | [sub3b_h_2]  Show the field ONLY if:  [sub3b_h] = '1'      | Would your agency deploy deer-targeted tick control on private property?  | yesno, Required  1 Yes  0 No          |  |  |  |
| 25 | [sub3b_h_3_header] Show the field ONLY if: [sub3b_h] = '1' | What would be most helpful to expand your agency's capacity to deploy deer-targeted tick control?  Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5': | descriptive                           |  |  |  |
| 25 | Show the field ONLY if:  [sub3b_h] = '1'                   | funding   | radio (Matrix - ranking), Required  1 |  |  |  |

| 259 | [sub3b_h_3b] Show the field ONLY if: [sub3b_h] = '1'  | personnel   | radio (Matrix - ranking), Required  1 |
|-----|---|---|---------------------------------------|
| 260 | [sub3b_h_3c] Show the field ONLY if: [sub3b_h] = '1'  | equipment   | radio (Matrix - ranking), Required  1 |
| 261 | [sub3b_h_3d]  Show the field ONLY if: [sub3b_h] = '1' | standardized protocols  | radio (Matrix - ranking), Required  1 |
| 262 | [sub3b_h_3e] Show the field ONLY if: [sub3b_h] = '1'  | training  | radio (Matrix - ranking), Required  1 |
| 263 | [sub3b_h_3_a] Show the field ONLY if: [sub3b_h] = '1' | Please describe anything else you might require to help expand your agency's capacity to deploy deer-targeted tick control: | text                                  |

| 264 | [sub3b_l_1]                                      | Please select any other potential roadblocks to the   | chec | :kbox, Required |   |
|-----|--|---|------|-----------------|---|
|     | Show the field ONLY if:<br>[sub3b_h] = '1'       | development or expansion of your agency's capacity to deploy deer-targeted tick control.[select all that apply] | 1    | sub3b_l_11      | constrained by legislative<br>mandate   |
|     |  |   | 2    | sub3b_l_12      | concerns for safety of staff  |
|     |  |   | 3    | sub3b_l_13      | public perceptions of<br>environmental concerns   |
|     |  |   | 4    | sub3b_l_14      | public perceptions of<br>personal/family health<br>concerns                               |
|     |  |   | 5    | sub3b_l_15      | limited evidence of control efficacy  |
|     |  |   | 6    | sub3b_l_16      | lack of administrative support  |
|     |  |   | 7    | sub3b_l_17      | public not likely to use<br>information   |
|     |  |   | 8    | sub3b_l_18      | high risk areas protected under federal and state regulation                              |
|     |  |   | 9    | sub3b_l_19      | local / state / federal agency<br>concern with effects on wildlife<br>population / health |
|     |  |   | 10   | sub3b_l_110     | other   |
| 265 | [sub3b_l_1_a]                                    | Please describe any other potential roadblocks to the   | text |                 |   |
|     | Show the field ONLY if:<br>[sub3b_l_1(10)] = '1' | development or expansion of your agency's capacity to deploy deer-targeted tick control:                        |      |                 |   |

| 266 | [sub3b_h_4]  | Why is your agency uninterested in deploying deer-targeted   | chec | kbox, Required                                |   |
|-----|--|--|------|---|---|
|     | Show the field ONLY if:<br>[sub3b_h] = '0'                     | tick control?[select all that apply]   | 1    | sub3b_h_41                                    | ticks and tickborne disease are<br>not a priority concern in our<br>jurisdiction          |
|     |  |  | 2    | sub3b_h_42                                    | constrained by legislative<br>mandate   |
|     |  |  | 3    | sub3b_h_43                                    | concerns for safety of staff  |
|     |  |  | 4    | sub3b_h_44                                    | local / state / federal agency<br>concern with effects on<br>wildlife population / health |
|     |  |  | 5    | sub3b_h_45                                    | public perceptions of environmental concerns  |
|     |  |  | 6    | sub3b_h_46                                    | public perceptions of<br>personal/family health<br>concerns                               |
|     |  |  | 7    | sub3b_h_47                                    | limited evidence of control efficacy  |
|     |  |  | 8    | sub3b_h_48                                    | lack of administrative support  |
|     |  |  | 9    | sub3b_h_49                                    | lack of trained personnel   |
|     |  |  | 10   | sub3b_h_410                                   | other   |
| 267 | [sub3b_h_4_a_2]  Show the field ONLY if: [sub3b_h_4(10)] = '1' | Please describe any other reason(s) your agency is uninterested in deploying deer-targeted tick control: | text |   |   |
| 268 | [subsection_3b_deer_targeted<br>_intervention_complete]        | Section Header: Form Status Complete?  | 0    | odown<br>Incomplete<br>Unverified<br>Complete |   |

Instrument: **Subsection 4: Tick control guidance for residential property owners** (subsection\_4\_tick\_control\_guidance\_for\_residential) **Enabled** as survey

| 269 | [sub4_a]   | Section Header: Capacity to provide tick control guidance to owners of private residential properties  Does your agency provide guidance to deploy tick control on private, residential properties through educational materials or site visits in your jurisdiction? | radio, Required  1 yes 2 no   |
|-----|--|---|---|
| 270 | [sub4_aa]  | Is there another agency or group that provides guidance to deploy tick control on private, residential properties through educational materials or site visits in your jurisdiction?  | yesno, Required  1 Yes  0 No  |
| 271 | [sub4_aa1]   | What other groups or agencies provide guidance to deploy  | checkbox, Required  |
|     | Show the field ONLY if:<br>[sub4_aa] = '1'                     | tick control on private, residential properties through educational materials or site visits in your jurisdiction?  | 1 sub4_aa11 state or local department of health                                   |
|     |  | [select all that apply]   | 2 sub4_aa12 state department of the environment / natural resources / agriculture |
|     |  |   | 3 sub4_aa13 local parks and recreation agencies                                   |
|     |  |   | 4 sub4_aa14 university extension services   |
|     |  |   | 5 sub4_aa15 local non-profit  |
|     |  |   | 6 sub4_aa16 other   |
| 272 | [sub4_aa1_a]<br>Show the field ONLY if:<br>[sub4_aa1(6)] = '1' | What other groups or agencies provide guidance to deploy tick control on private, residential properties through educational materials or site visits in your jurisdiction?   | text  |
| 273 | [sub4_a_1]   | What are the funding sources for your guidance to deploy  | checkbox, Required  |
|     | Show the field ONLY if:  | tick control on private, residential properties? [select all that apply]  | 1 sub4_a_11 local property taxes  |
|     | [sub4_a] = '1'   |   | 2 sub4_a_12 state taxes   |
|     |  |   | 3 sub4_a_13 county taxes  |
|     |  |   | 4 sub4_a_14 town or city taxes  |
|     |  |   | 5 sub4_a_15 private donations   |
|     |  |   | 6 sub4_a_16 surcharge on services or goods  |
|     |  |   | 7 sub4_a_17 federal funds   |
|     |  |   | 8 sub4_a_18 other   |

| 27 | [sub4_a_1_a] Show the field ONLY if:             | Please describe any other type(s) of funding sources for tick control guidance on private, residential properties: | text  |  |  |
|----|--|--|---|--|--|
|    | [sub4_a_1(8)] = '1'                              |  |   |  |  |
| 2  | '5 [sub4_a_1_b]                                  | For what type(s) of tick control methods does your agency  | checkbox, Required  |  |  |
|    | Show the field ONLY if:<br>[sub4_a] = '1'        | provide guidance to residential property owners?[select all that apply]  | 1 sub4_a_1_b1 application of acaricides to vegetation                                 |  |  |
|    |  |  | 2 sub4_a_1_b2 deer-targeted intervention (e.g. deer fencing and botanical deterrents) |  |  |
|    |  |  | 3 sub4_a_1_b3 rodent-targeted intervention  |  |  |
|    |  |  | 4 sub4_a_1_b4 habitat or landscape management   |  |  |
|    |  |  | 5 sub4_a_1_b5 other   |  |  |
| 2  | 6 [sub4_a_1_c]                                   | Please describe any other type(s) of tick control guidance   | text  |  |  |
|    | Show the field ONLY if:<br>[sub4_a_1_b(5)] = '1' | your agency provides to residential property owners:   |   |  |  |
| 2  | 7 [sub4_b]                                       | What methods does your agency currently use to   | checkbox, Required  |  |  |
|    | Show the field ONLY if:                          | communicate directly with the public?[select all that apply]   | 1 sub4_b1 websites  |  |  |
|    | [sub4_a] = '1'                                   |  | 2 sub4_b2 social media  |  |  |
|    |  |  | 3 sub4_b3 print materials   |  |  |
|    |  |  | 4 sub4_b4 public events   |  |  |
|    |  |  | 5 sub4_b5 other   |  |  |
| 2  | 8 [sub4_b_1]                                     | Please describe any other method(s) your agency currently  | text  |  |  |
|    | Show the field ONLY if:<br>[sub4_b(5)] = '1'     | uses to communicate directly with the public:  |   |  |  |
| 2  | '9 [sub4_a_1_d]                                  | Do you want to expand your agency's capacity to provide  | radio, Required   |  |  |
|    | Show the field ONLY if:<br>[sub4_a] = '1'        | tick control guidance to residential property owners?  | 1 yes 2 no  |  |  |

| 280 | [sub4_a_1_e_header] Show the field ONLY if: [sub4_a_1_d] = '1' | What would be most helpful to expand your agency's capacity to provide tick control guidance to residential property owners?  Please rank choices below in order or priority, with highest priority as '1' and lowest priority as '5': | descriptive                           |
|-----|--|--|---------------------------------------|
| 281 | [sub4_a_1_e1] Show the field ONLY if: [sub4_a_1_d] = '1'       | funding  | radio (Matrix - ranking), Required  1 |
| 282 | [sub4_a_1_e2]<br>Show the field ONLY if:<br>[sub4_a_1_d] = '1' | personnel  | radio (Matrix - ranking), Required  1 |
| 283 | [sub4_a_1_e3] Show the field ONLY if: [sub4_a_1_d] = '1'       | equipment  | radio (Matrix - ranking), Required  1 |

| 284 | [sub4_a_1_e4] Show the field ONLY if: [sub4_a_1_d] = '1' | standardized protocols   | radio (Matrix - ranking), Required  1 |
|-----|--|--|---------------------------------------|
| 285 | [sub4_a_1_e5] Show the field ONLY if: [sub4_a_1_d] = '1' | training   | radio (Matrix - ranking), Required  1 |
| 286 | [sub4_a_1_f]  Show the field ONLY if: [sub4_a_1_d] = '1' | Please describe anything else you might require to help expand your agency's capacity to provide tick control guidance to residential property owners: | text                                  |

| 287 | [sub4_a_1_g]                                     | Please select any other potential roadblocks to the development or expansion of your agency's capacity to provide tick control guidance to residential property owners?[select all that apply] | checkbox, Required |              |   |  |
|-----|--|--|--------------------|--------------|---|--|
|     | Show the field ONLY if:<br>[sub4_a_1_d] = '1'    |  | 1                  | sub4_a_1_g1  | constrained by legislative mandate                    |  |
|     |  | owners: [select all that apply]  | 2                  | sub4_a_1_g2  | concerns for safety of staff                          |  |
|     |  |  | 3                  | sub4_a_1_g3  | public perceptions of environmental concerns          |  |
|     |  |  | 4                  | sub4_a_1_g4  | public perceptions of personal/family health concerns |  |
|     |  |  | 5                  | sub4_a_1_g5  | limited evidence of control efficacy                  |  |
|     |  |  | 6                  | sub4_a_1_g6  | lack of administrative support                        |  |
|     |  |  | 7                  | sub4_a_1_g7  | public not likely to use information                  |  |
|     |  |  | 8                  | sub4_a_1_g8  | inability to effectively<br>disseminate information   |  |
|     |  |  | 9                  | sub4_a_1_g9  | other   |  |
| 288 | [sub4_a_2_g_1]                                   | Please describe any other potential roadblocks to the  | tex                | t            |   |  |
|     | Show the field ONLY if:<br>[sub4_a_1_g(9)] = '1' | development or expansion of your agency's capacity to provide tick control guidance to residential property owners:  |                    |              |   |  |
| 289 | [sub4_a_2]                                       | If resources, including funding and training opportunities,  | yes                | no, Required |   |  |
|     | Show the field ONLY if:<br>[sub4_a] = '2'        | were available, would your agency be interested in providing tick control guidance to residential property owners?   |                    | 1 Yes 0 No   |   |  |
| 290 | [sub4_a_2_a_header]                              | What would be most helpful to expand your agency's   | descriptive        |              |   |  |
|     | Show the field ONLY if:<br>[sub4_a_2] = '1'      | capacity to provide tick control guidance to residential property owners?  |                    |              |   |  |
|     |  | Please rank choices below in order or priority, with highest priority as '1' and lowest priority as '5':   |                    |              |   |  |

| 291 | [sub4_a_2_a1]<br>Show the field ONLY if:<br>[sub4_a_2] = '1' | funding                | radio (Matrix - ranking), Required  1 |
|-----|--|------------------------|---------------------------------------|
| 292 | [sub4_a_2_a2] Show the field ONLY if: [sub4_a_2] = '1'       | personnel              | radio (Matrix - ranking), Required  1 |
| 293 | [sub4_a_2_a3] Show the field ONLY if: [sub4_a_2] = '1'       | equipment              | radio (Matrix - ranking), Required  1 |
| 294 | [sub4_a_2_a4] Show the field ONLY if: [sub4_a_2] = '1'       | standardized protocols | radio (Matrix - ranking), Required  1 |

| 295 | [sub4_a_2_a5]<br>Show the field ONLY if:<br>[sub4_a_2] = '1' | training   | 1   | 2<br>3<br>4     | ng), Required  |
|-----|--|--|-----|-----------------|--|
| 296 | [sub4_a_2_b]<br>Show the field ONLY if:<br>[sub4_a_2] = '1'  | Please describe anything else you might require to help expand your agency's capacity to provide tick control guidance to residential property owners: | tex | t               |  |
| 297 | [sub4_a_2_e]   | Please select any other potential roadblocks to the  | che | ckbox, Required |  |
|     | Show the field ONLY if:<br>[sub4_a_2] = '1'                  | I provide fick confrol guidance to residential property  | 1   | sub4_a_2_e1     | constrained by legislative<br>mandate                    |
|     |  |  | 2   | sub4_a_2_e2     | concerns for safety of staff                             |
|     |  |  | 3   | sub4_a_2_e3     | public perceptions of environmental concerns             |
|     |  |  | 4   | sub4_a_2_e4     | public perceptions of<br>personal/family health concerns |
|     |  |  | 5   | sub4_a_2_e5     | limited evidence of control efficacy                     |
|     |  |  | 6   | sub4_a_2_e6     | lack of administrative support                           |
|     |  |  | 7   | sub4_a_2_e7     | public not likely to use information                     |
|     |  |  | 8   | sub4_a_2_e8     | inability to effectively<br>disseminate information      |
|     |  |  | 9   | sub4_a_2_e9     | other  |
| 298 | [sub4_a_2_e_1]   | Please describe any other potential roadblocks to the  | tex | t               |  |
|     | Show the field ONLY if:<br>[sub4_a_2_e(9)] = '1'             | development or expansion of your agency's capacity to provide tick control guidance to residential property owners:                                    |     |                 |  |

| 299 | [sub4_a_2_c]                                      | w the field ONLY if:  guidance to residential property owners?[select all that apply]                                    | ched | checkbox, Required |  |  |  |
|-----|---|--|------|--------------------|--|--|--|
|     | Show the field ONLY if:<br>[sub4_a_2] = '0'       |  | 1    | sub4_a_2_c1        | ticks and tickborne disease<br>are not a priority concern in<br>our jurisdiction |  |  |
|     |   |  | 2    | sub4_a_2_c2        | constrained by legislative mandate   |  |  |
|     |   |  | 3    | sub4_a_2_c3        | concern for expanded public use of acaricides                                    |  |  |
|     |   |  | 4    | sub4_a_2_c4        | public perceptions of environmental concerns                                     |  |  |
|     |   |  | 5    | sub4_a_2_c5        | public perceptions of<br>personal/family health<br>concerns                      |  |  |
|     |   |  | 6    | sub4_a_2_c6        | limited evidence of control efficacy   |  |  |
|     |   |  | 7    | sub4_a_2_c7        | lack of administrative support   |  |  |
|     |   |  | 8    | sub4_a_2_c8        | lack of trained personnel  |  |  |
|     |   |  | 9    | sub4_a_2_c9        | inability to effectively<br>disseminate information                              |  |  |
|     |   |  | 10   | sub4_a_2_c10       | information already available<br>elsewhere or offered by<br>another organization |  |  |
|     |   |  | 11   | sub4_a_2_c11       | other  |  |  |
| 300 | [sub4_a_2_d]                                      | Please describe any other reason(s) your agency is   | text |                    |  |  |  |
|     | Show the field ONLY if:<br>[sub4_a_2_c(11)] = '1' | uninterested in providing tick control guidance to residential property owners:  |      |                    |  |  |  |
| 301 | [sub4_c]  | How would your agency distribute information relevant to   | ched | ckbox, Required    |  |  |  |
|     | Show the field ONLY if:                           | tick and tickborne disease exposure risks in the community, personal tick-bite prevention, and tick control guidance for | 1    | sub4_c1 websi      | tes  |  |  |
|     | [sub4_a_2] = '1'                                  | residential property owners? [select all that apply]   | 2    | sub4_c2 social     | media  |  |  |
|     |   |  | 3    | sub4_c3 print      | materials  |  |  |
|     |   |  | 4    | sub4_c4 public     | events   |  |  |
|     |   |  | 5    | sub4_c5 other      |  |  |  |

| 302 | [sub4_c_1]<br>Show the field ONLY if:<br>[sub4_c(5)] = '1'    | Please describe any other way(s) that your agency may distribute information relevant to tick and tickborne disease exposure risks in the community, personal tick-bite prevention, and tick control guidance for residential property owners: | text  |
|-----|---|--|---|
| 303 | [subsection_4_tick_control_guidance_for_residential_complete] | Section Header: Form Status  Complete?   | dropdown  0 Incomplete  1 Unverified  2 Complete                                |
|     | nt: <b>Subsection 5: Tick cont</b> [sub5_a]                   | trol efficacy assessments (subsection_5_tick_control_ef  |   |
| 304 | [Subb_a]  | and/or private property  Does your agency assess the efficacy of tick control deployed by pest control firms or property owners on public or private property?   | yesno, Required  1 Yes  0 No  |
| 305 | [sub5_b]  | Is there another group or agency that assesses the efficacy of tick control deployed by pest control firms or property owners in your jurisdiction?  | yesno, Required  1 Yes  0 No  |
| 306 | [sub5_b_1]  | What other groups or agencies assess the efficacy of tick  | checkbox, Required  |
|     | Show the field ONLY if:<br>[sub5_b] = '1'                     | control deployed by tick control firms or property owners in your jurisdiction?  | 1 sub5_b_11 state or local department of health                                 |
|     |   |  | 2 sub5_b_12 state department of the environment / natural resources agriculture |
|     |   |  | 3 sub5_b_13 local parks and recreation agencies                                 |
|     |   |  | 4 sub5_b_14 university extension services                                       |
|     |   |  | 5 sub5_b_15 pest control firms  |
|     |   |  | 6 sub5_b_16 local non-profit  |
|     |   |  | 7 sub5_b_17 other   |

| 307 | [sub5_a_1_a]  Show the field ONLY if: [sub5_b_1(7)] = '1' | What other groups or agencies assess the efficacy of tick control deployed by pest control firm or property owners in your jurisdiction? | text   |
|-----|---|--|--|
| 308 | [sub5_a_1] Show the field ONLY if: [sub5_a] = '1'         | What are the funding sources for tick control efficacy assessments? [select all that apply]  | checkbox, Required  1 sub5_a_11 local property taxes  2 sub5_a_12 state taxes  3 sub5_a_13 county taxes  4 sub5_a_14 town or city taxes  5 sub5_a_15 private donations  6 sub5_a_16 surcharge on services or goods  7 sub5_a_17 federal funds  8 sub5_a_18 other |
| 309 | [sub5_a_2] Show the field ONLY if: [sub5_a_1(8)] = '1'    | Please describe any other funding source(s) for tick control efficacy assessments:   | text   |
| 310 | [sub5_a_7] Show the field ONLY if: [sub5_a] = '1'         | Does your agency assess the efficacy of tick control for private land owners or pest control firms?                                      | checkbox, Required  1 sub5_a_71 private landowners  2 sub5_a_72 pest control firms   |
| 311 | [sub5_a_3] Show the field ONLY if: [sub5_a] = '1'         | At what scale are efficacy assessments conducted? [select all that apply]  | checkbox, Required  1 sub5_a_31 individual residential property 2 sub5_a_32 individual public property 3 sub5_a_33 groups of residential properties 4 sub5_a_34 groups of public properties 5 sub5_a_35 high-use public spaces 6 sub5_a_36 other                 |
| 312 | [sub5_a_3_a] Show the field ONLY if: [sub5_a_3(6)] = '1'  | Please describe any other scale(s) at which efficacy assessments are conducted:  | text   |

| 313 | [sub5_a_4]                                     | · · · · · · · · · · · · · · · · ·  | checkbox, Required    |                    |  |  |
|-----|--|--|-----------------------|--------------------|--|--|
|     | Show the field ONLY if:                        | [select all that apply]  | 1                     | sub5_a_41          | on-demand by individual residents                                      |  |
|     | [sub5_a] = '1'                                 |  | 2                     | sub5_a_42          | on-demand by community group   |  |
|     |  |  | 3                     | sub5_a_43          | prescribed monitoring as<br>determined by vector<br>management program |  |
|     |  |  | 4                     | sub5_a_44          | other  |  |
| 314 | [sub5_a_4_a]                                   | Please describe any other way(s) that your agency organizes  | tex                   | t                  |  |  |
|     | Show the field ONLY if:<br>[sub5_a_4(4)] = '1' | requests for efficacy assessments:   |                       |                    |  |  |
| 315 | [sub5_a_5]                                     | Do you want to expand your agency's capacity to assess tick  | rad                   | io, Required       |  |  |
|     | Show the field ONLY if:<br>[sub5_a] = '1'      | control efficacy on public property?   | 2                     | yes<br>no          |  |  |
| 316 | [sub5_a_5_a_header]                            | · · · · · · · · · · · · · · · · · · ·  |                       | scriptive          |  |  |
|     | Show the field ONLY if:<br>[sub5_a_5] = '1'    | capacity to assess tick control efficacy on public property?  Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5': |                       |                    |  |  |
| 317 | [sub5_a_5_a1]                                  | funding  | rad                   | lio (Matrix - ranl | king), Required  |  |
|     | Show the field ONLY if:<br>[sub5_a_5] = '1'    |  | 1<br>2<br>3<br>4<br>5 | 2                  |  |  |
| 318 | [sub5_a_5_a2]                                  | personnel  |                       | lio (Matrix - ranl | king), Required  |  |
|     | Show the field ONLY if:<br>[sub5_a_5] = '1'    |  | 1<br>2<br>3<br>4<br>5 | 2                  |  |  |

| 319 | [sub5_a_5_a3]  Show the field ONLY if: [sub5_a_5] = '1' | equipment  | radio (Matrix - ranking), Required  1 |
|-----|---|--|---------------------------------------|
| 320 | [sub5_a_5_a4] Show the field ONLY if: [sub5_a_5] = '1'  | standardized protocols   | radio (Matrix - ranking), Required  1 |
| 321 | [sub5_a_5_a5]  Show the field ONLY if: [sub5_a_5] = '1' | training   | radio (Matrix - ranking), Required  1 |
| 322 | [sub5_a_5_a_1] Show the field ONLY if: [sub5_a_5] = '1' | Please describe anything else you might require to help expand your agency's capacity to assess tick control efforts on public property: | text                                  |

| 323 | [sub5_a_5_d]                                     | Please select any other potential roadblocks to the   | checkbox, Required |                     |   |  |  |
|-----|--|---|--------------------|---------------------|---|--|--|
|     | Show the field ONLY if:<br>[sub5_a_5] = '1'      | development or expansion of your agency's capacity to assess the efficacy of tick control deployed on public property.[select all that apply] | 1                  | sub5_a_5_d1         | constrained by legislative<br>mandate               |  |  |
|     |  | property.[select all triat apply]   | 2                  | sub5_a_5_d2         | concerns for safety of staff                        |  |  |
|     |  |   | 3                  | sub5_a_5_d3         | lack of public support                              |  |  |
|     |  |   | 4                  | sub5_a_5_d4         | lack of administrative support                      |  |  |
|     |  |   | 5                  | sub5_a_5_d5         | public not likely to use information                |  |  |
|     |  |   | 6                  | sub5_a_5_d6         | inability to effectively<br>disseminate information |  |  |
|     |  |   | 7                  | sub5_a_5_d7         | other   |  |  |
| 324 | [sub5_a_5_d_1]                                   | Please describe any other potential roadblocks to the   | tex                | t                   |   |  |  |
|     | Show the field ONLY if:<br>[sub5_a_5_d(7)] = '1' | development or expansion of your agency's capacity to assess the efficacy of tick control deployed on public property:                        |                    |                     |   |  |  |
| 325 | [sub5_a_5_b]                                     | Do you want to expand your agency's capacity to assess tick   | rad                | io, Required        |   |  |  |
|     | Show the field ONLY if:<br>[sub5_a] = '1'        | control efficacy on private, residential property?  | 2                  | yes<br>no           |   |  |  |
| 326 | [sub5_a_5_c_header]                              | What would be most helpful to expand your agency's  | des                | scriptive           |   |  |  |
|     | Show the field ONLY if:<br>[sub5_a_5_b] = '1'    | capacity to assess tick control efforts on private, residential property?   |                    |                     |   |  |  |
|     |  | Please rank choices below in order of priority, with highest priority as '1' and lowest priority as '5':                                      |                    |                     |   |  |  |
| 327 | [sub5_a_5_c1]                                    | funding   | rad                | io (Matrix), Requir | red   |  |  |
|     | Show the field ONLY if:                          |   | 1                  | 1                   |   |  |  |
|     | [sub5_a_5_b] = '1'                               |   | <del>   </del>     |                     | 2 2   |  |  |
|     |  |   | 3                  | 3                   |   |  |  |
|     |  |   | 4                  | 4                   |   |  |  |
|     |  |   | 5                  | 5                   |   |  |  |

| 328 | [sub5_a_5_c2] Show the field ONLY if: [sub5_a_5_b] = '1'   | personnel  | radio (Matrix), Required  1 |
|-----|--|--|-----------------------------|
| 329 | [sub5_a_5_c3] Show the field ONLY if: [sub5_a_5_b] = '1'   | equipment  | radio (Matrix), Required  1 |
| 330 | [sub5_a_5_c4]  Show the field ONLY if: [sub5_a_5_b] = '1'  | standardized protocols   | radio (Matrix), Required  1 |
| 331 | [sub5_a_5_c5] Show the field ONLY if: [sub5_a_5_b] = '1'   | training   | radio (Matrix), Required  1 |
| 332 | [sub5_a_5_c_1]  Show the field ONLY if: [sub5_a_5_b] = '1' | Please describe anything else you might require to help expand your agency's capacity to assess tick control efforts on private, residential property: | text                        |

| 333 | [sub5_a_5_e] Please s  | Please select any other potential roadblocks to the  | checkbox, Required  |
|-----|--|--|---|
|     | Show the field ONLY if:<br>[sub5_a_5_b] = '1'                | development or expansion of your agency's capacity to assess the efficacy of tick control deployed on private, residential property.[select all that apply]                                | 1 sub5_a_5_e1 constrained by legislative mandate  |
|     |  | residential property.[select all triat apply]  | 2 sub5_a_5_e2 lack of public support  |
|     |  |  | 3 sub5_a_5_e3 lack of administrative support  |
|     |  |  | 4 sub5_a_5_e4 public not likely to use information  |
|     |  |  | 5 sub5_a_5_e5 inability to effectively disseminate this service   |
|     |  |  | 6 sub5_a_5_e6 other   |
| 334 | [sub5_a_5_e_1] Show the field ONLY if: [sub5_a_5_e(6)] = '1' | Please describe any other potential roadblocks to the development or expansion of your agency's capacity to assess the efficacy of tick control deployed on private, residential property: | text  |
| 335 | [sub5_a_6] Show the field ONLY if: [sub5_a] = '0'            | If resources, including funding and training opportunities, were available, would your agency be interested in assessing tick control efficacy?  | radio, Required  1 yes 2 no   |
| 336 | [sub5_a_6_a] Show the field ONLY if: [sub5_a_6] = '1'        | At what scale is it realistic to conduct tick control efficacy assessments? [select all that apply]  | checkbox, Required  1 sub5_a_6_a1 individual residential property  2 sub5_a_6_a2 individual public property  3 sub5_a_6_a3 groups of residential properties  4 sub5_a_6_a4 groups of public properties  5 sub5_a_6_a5 high-use public spaces  6 sub5_a_6_a6 other |
| 337 | [sub5_a_6_b] Show the field ONLY if: [sub5_a_6_a(6)] = '1'   | Please describe any other scale(s)s at which it is realistic to conduct tick control efficacy assessments:   | text  |

| 338 | Show the field ONLY if:  [sub5_a_6] = '1'  | How would your agency organize requests for tick control efficacy assessments?[select all that apply]  | checkbox, Required  1 sub5_a_6_c1 on-demand by individual residents  2 sub5_a_6_c2 community-organized  3 sub5_a_6_c3 prescribed monitoring as determined by vector management program  4 sub5_a_6_c4 other |
|-----|--|--|---|
| 339 | [sub5_a_6_c_1]<br>  Show the field ONLY if:<br>  [sub5_a_6_c(4)] = '1'   | Please describe any other way(s) that your agency may organize requests for efficacy assessments:  | text  |
| 340 | Show the field ONLY if:  [sub5_a_6_a(2)] = '1' or [sub5_a_6_a(4)] = '1' or [sub5_a_6_a(5)] = '1'               | What would be most helpful to expand your agency's capacity to assess tick control efforts on public property?  Please rank choices below in order of priority, with highest priority as '1' and lowest priority as '5': | descriptive   |
| 34  | [sub5_a_6_e1]  Show the field ONLY if: [sub5_a_6_a(2)] = '1' or [sub5_a_6_a(4)] = '1' or [sub5_a_6_a(5)] = '1' | funding  | radio (Matrix - ranking), Required  1   |
| 34: | Show the field ONLY if:  [sub5_a_6_a(2)] = '1' or [sub5_a_6_a(4)] = '1' or [sub5_a_6_a(5)] = '1'               | personnel  | radio (Matrix - ranking), Required  1   |

| 343 | [sub5_a_6_e3]  Show the field ONLY if: [sub5_a_6_a(2)] = '1' or [sub5_a_6_a(4)] = '1' or [sub5_a_6_a(5)] = '1'  | equipment  | radio (Matrix - ranking), Required  1 |
|-----|---|--|---------------------------------------|
| 344 | [sub5_a_6_e4]  Show the field ONLY if: [sub5_a_6_a(2)] = '1' or [sub5_a_6_a(4)] = '1' or [sub5_a_6_a(5)] = '1'  | standardized protocols   | radio (Matrix - ranking), Required  1 |
| 345 | [sub5_a_6_e5]  Show the field ONLY if: [sub5_a_6_a(2)] = '1' or [sub5_a_6_a(4)] = '1' or [sub5_a_6_a(5)] = '1'  | training   | radio (Matrix - ranking), Required  1 |
| 346 | [sub5_a_6_e_1]  Show the field ONLY if: [sub5_a_6_a(2)] = '1' or [sub5_a_6_a(4)] = '1' or [sub5_a_6_a(5)] = '1' | Please describe anything else you might require to help expand your agency's capacity to assess tick control efforts on public property: | text                                  |

|  | 347 | [sub5_a_6_h]  | development or expansion of your agency's capacity to assess the efficacy of tick control deployed on public   | che   | eckbox, Required |   |  |
|--|-----|---|--|---|------------------|---|--|
|  |     | Show the field ONLY if:<br>[sub5_a_6_a(2)] = '1' or [sub5_                                  |  | 1   | sub5_a_6_h1      | constrained by legislative mandate                |  |
|  |     | a_6_a(4)] = '1' or [sub5_a_6_a<br>(5)] = '1'  | property.[select all that apply]   | 2   | sub5_a_6_h2      | lack of public support                            |  |
|  |     | (2)] – 1  |  | 3   | sub5_a_6_h3      | lack of administrative support                    |  |
|  |     |   |  | 4   | sub5_a_6_h4      | public not likely to use information              |  |
|  |     |   |  | 5   | sub5_a_6_h5      | inability to effectively disseminate this service |  |
|  |     |   |  | 6   | sub5_a_6_h6      | other   |  |
|  | 348 | [sub5_a_6_h_1]  Show the field ONLY if: [sub5_a_6_h(6)] = '1'                               | Please describe any other potential roadblocks to the development or expansion of your agency's capacity to assess the efficacy of tick control deployed on public property:   | tex   | text             |   |  |
|  | 349 | [sub5_a_6_f_header]  Show the field ONLY if: [sub5_a_6_a(1)] = '1' or [sub5_a_6_a(3)] = '1' | What would be most helpful to expand your agency's capacity to assess tick control efforts on private, residential property?  Please rank choices below in order of priority, with highest priority as '1' and lowest priority as '5': | des   | descriptive      |   |  |
|  | 350 | [sub5_a_6_f1]  Show the field ONLY if: [sub5_a_6_a(1)] = '1' or [sub5_a_6_a(3)] = '1'       | funding  | radio (Matrix - ranking), Required  1 1 2 2 3 3 4 4 5 5 |                  | ng), Required                                     |  |

| 351 | [sub5_a_6_f2]   | personnel  | radio (Matrix - ranking), Required |
|-----|---|--|------------------------------------|
|     | Show the field ONLY if:<br>[sub5_a_6_a(1)] = '1' or [sub5_                    |  | 1 1 2 2                            |
|     | a_6_a(3)] = '1'   |  | 3 3                                |
|     |   |  | 4 4                                |
|     |   |  | 5 5                                |
| 352 | [sub5_a_6_f3]   | equipment  | radio (Matrix - ranking), Required |
|     | Show the field ONLY if:<br>[sub5_a_6_a(1)] = '1' or [sub5_                    |  |                                    |
|     | a_6_a(3)] = '1'   |  | 2 2 3 3                            |
|     |   |  | 4 4                                |
|     |   |  | 5 5                                |
| 353 | <br> [sub5_a_6_f4]  | standardized protocols   | radio (Matrix - ranking), Required |
|     | Show the field ONLY if:   | ·  |                                    |
|     | [sub5_a_6_a(1)] = '1' or [sub5_<br>a_6_a(3)] = '1'                            |  | 2 2                                |
|     | u_0_u(5)]   |  | 3 3                                |
|     |   |  | 4 4                                |
|     |   |  | 5 5                                |
| 354 | [sub5_a_6_f5]   | training   | radio (Matrix - ranking), Required |
|     | Show the field ONLY if:<br>[sub5_a_6_a(1)] = '1' or [sub5_                    |  |                                    |
|     | a_6_a(3)] = '1'   |  | 3 3                                |
|     |   |  | 4 4                                |
|     |   |  | 5 5                                |
| 355 | [sub5_a_6_f_1]  | Please describe anything else you might require to help  | text                               |
|     | Show the field ONLY if:<br>[sub5_a_6_a(1)] = '1' or [sub5_<br>a_6_a(3)] = '1' | expand your agency's capacity to assess tick control efforts on private, residential property: |                                    |

| 356 | [sub5_a_6_i]   | Please select any other potential roadblocks to the   | che  | ckbox, Required | checkbox, Required   |  |  |  |
|-----|--|---|------|-----------------|--|--|--|--|
|     | Show the field ONLY if:<br>[sub5_a_6_a(1)] = '1' or [sub5_ | development or expansion of your agency's capacity to assess the efficacy of tick control deployed on private, residential property.[select all that apply] | 1    |                 | constrained by legislative<br>mandate  |  |  |  |
|     | a_6_a(3)] = '1'  | residential property.[select all triat apply]   | 2    | sub5_a_6_i2     | ack of public support  |  |  |  |
|     |  |   | 3    | sub5_a_6_i3     | ack of administrative support  |  |  |  |
|     |  |   | 4    |                 | public not likely to use<br>information  |  |  |  |
|     |  |   | 5    |                 | nability to effectively<br>disseminate information                                 |  |  |  |
|     |  |   | 6    | sub5_a_6_i6     | other  |  |  |  |
| 357 | [sub5_a_6_i_1]   | Please describe any other potential roadblocks to the   | text |                 |  |  |  |  |
|     | Show the field ONLY if:<br>[sub5_a_6_i(6)] = '1'           | development or expansion of your agency's capacity to assess the efficacy of tick control deployed on private, residential property:                        |      |                 |  |  |  |  |
| 358 | [sub5_a_6_g]   | Why is your agency uninterested in assessing the efficacy of  | che  | ckbox, Required |  |  |  |  |
|     | Show the field ONLY if:<br>[sub5_a_6] = '2'                | tick control deployed by property owners and pest control firms? [select all that apply]  | 1    | sub5_a_6_g1     | ticks and tickborne disease<br>are not a priority concern in<br>our jurisdiction   |  |  |  |
|     |  |   | 2    | sub5_a_6_g2     | constrained by legislative mandate   |  |  |  |
|     |  |   | 3    | sub5_a_6_g3     | lack of public support   |  |  |  |
|     |  |   | 4    | sub5_a_6_g4     | lack of administrative support   |  |  |  |
|     |  |   | 5    | sub5_a_6_g5     | lack of trained personnel  |  |  |  |
|     |  |   | 6    | sub5_a_6_g6     | service area too large   |  |  |  |
|     |  |   | 7    | sub5_a_6_g7     | inability to effectively<br>disseminate information                                |  |  |  |
|     |  |   | 8    | sub5_a_6_g8     | population in service area too large   |  |  |  |
|     |  |   | 9    | sub5_a_6_g9     | information already available<br>elsewhere or collected by<br>another organization |  |  |  |
|     |  |   | 10   | sub5_a_6_g10    | O other  |  |  |  |

|     | 359          | [sub5_a_6_g_1]  Show the field ONLY if: [sub5_a_6_g(10)] = '1'                               | Please describe any other reason(s) your agency is uninterested in assessing the efficacy of tick control deployed by property owners and pest control firms:  | text   |
|-----|--------------|--|--|--|
| Ins | 360<br>trume | [subsection_5_tick_control_e fficacy_assessments_complete ]  nt: <b>Subsection 6: Commun</b> | Section Header: Form Status Complete?  nity education regarding personal tick-bite   | dropdown  0 Incomplete  1 Unverified  2 Complete   |
|     | event        | <b>tion</b> (subsection_6_community  | education_regarding_persona)   |  |
|     | 361          | [sub6_a]   | Section Header: Capacity to educate the public regarding personal tick-bite prevention  Does your agency create their own educational materials (e.g. website / print / social media / public event displays) regarding personal tick bite prevention? | yesno, Required  1 Yes  0 No   |
|     | 362          | [sub6_b]   | Does your agency work with a group or link to a group's information for education regarding personal tick bite prevention?   | yesno, Required  1 Yes  0 No   |
|     | 363          | [sub6_b_1] Show the field ONLY if: [sub6_b] = '1'  | What sources of information does your agency work with or link to for education regarding personal tick bite prevention?[select all that apply]  | checkbox, Required  1 sub6_b_11 Centers for Disease Control and Prevention  2 sub6_b_12 university extension and outreach services  3 sub6_b_13 state or local health department  4 sub6_b_14 professional organizations (AMCA, ASTHO, NACCHO, etc.)  5 sub6_b_15 Lyme disease support groups  6 sub6_b_16 other |
|     | 364          | [sub6_b_2]  Show the field ONLY if: [sub6_b_1(6)] = '1'                                      | What other sources for educational materials does your agency use?   | text   |

| 365 | [sub6_a_y1]                                      | What are the funding sources for tick- bite prevention   | che | ckbox, Required    |  |  |
|-----|--|--|-----|--------------------|--|--|
|     | Show the field ONLY if:                          | education? [select all that apply]   | 1   | sub6_a_y11         | local property taxes                                   |  |
|     | [sub6_a] = '1'                                   |  | 2   | sub6_a_y12         | state taxes  |  |
|     |  |  | 3   | sub6_a_y13         | county taxes   |  |
|     |  |  | 4   | sub6_a_y14         | town or city taxes                                     |  |
|     |  |  | 5   | sub6_a_y15         | private donations                                      |  |
|     |  |  | 6   | sub6_a_y16         | surcharge on services or goods                         |  |
|     |  |  | 7   | sub6_a_y17         | federal funds  |  |
|     |  |  | 8   | sub6_a_y18         | other  |  |
| 366 | [sub6_a_y1_a]                                    | Please describe any other funding source(s) for tick-bite  | tex | -                  |  |  |
|     | Show the field ONLY if:<br>[sub6_a_y1(8)] = '1'  | prevention education:  |     |                    |  |  |
| 367 | [sub6_a_y2]                                      | tick-bite prevention information? [select all that apply]  | che | checkbox, Required |  |  |
|     | Show the field ONLY if:<br>[sub6_a] = '1'        |  | 1   | sub6_a_y21         | video (youtube / vimeo / tik-<br>tok, etc.)            |  |
|     |  |  | 2   | sub6_a_y22         | social media (facebook /<br>twitter / instagram, etc.) |  |
|     |  |  | 3   | sub6_a_y23         | printed materials                                      |  |
|     |  |  | 4   | sub6_a_y24         | public forum   |  |
|     |  |  | 5   | sub6_a_y25         | radio ads  |  |
|     |  |  | 6   | sub6_a_y26         | tv ads   |  |
|     |  |  | 7   | sub6_a_y27         | billboards   |  |
|     |  |  | 8   | sub6_a_y28         | signage on city owned property                         |  |
|     |  |  | 9   | sub6_a_y29         | signage on public<br>transportation                    |  |
|     |  |  | 10  | sub6_a_y210        | other  |  |
| 368 | [sub6_a_y2_a]                                    | Please describe any other effective way(s) your agency has found to distribute tick-bite prevention information: | tex |                    |  |  |
|     | Show the field ONLY if:<br>[sub6_a_y2(10)] = '1' | Tourid to distribute tick-bite prevention information.   |     |                    |  |  |

| 36 | 9 [sub6_a_y3]<br>Show the field ONLY if:<br>[sub6_a] = '1'     | Do you want to expand your agency's capacity to educate the public about tick-bite prevention?  | yesno, Required  1 Yes  0 No          |
|----|--|---|---------------------------------------|
| 37 | [sub6_a_y3_matrix] Show the field ONLY if: [sub6_a_y3] = '1'   | What resources would be most helpful to expand your agency's capacity to educate the public about tick-bite prevention?Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5': | descriptive                           |
| 37 | [sub6_a_y3_matrix_a] Show the field ONLY if: [sub6_a_y3] = '1' | funding   | radio (Matrix - ranking), Required  1 |
| 37 | [sub6_a_y3_matrix_b] Show the field ONLY if: [sub6_a_y3] = '1' | personnel   | radio (Matrix - ranking), Required  1 |
| 37 | Show the field ONLY if:  [sub6_a_y3] = '1'                     | access to physical educational material   | radio (Matrix - ranking), Required  1 |

| 374 | [sub6_a_y3_matrix_d] Show the field ONLY if: [sub6_a_y3] = '1'     | access to digital educational material  | radio (Matrix - ranking), Required  1   |
|-----|--|---|---|
| 375 | [sub6_a_y3_matrix_e] Show the field ONLY if: [sub6_a_y3] = '1'     | training  | radio (Matrix - ranking), Required  1   |
| 376 | [sub6_a_y3_matrix_other] Show the field ONLY if: [sub6_a_y3] = '1' | Please describe anything else you might require to help expand your agency's capacity to educate the public about tick-bite prevention:   | text  |
| 377 | [sub6_a_n2] Show the field ONLY if: [sub6_a_y3] = '1'              | Please select any other potential roadblocks to the development or expansion of your agency's capacity to educate the public about personal tick-bite prevention. [select all that apply] | checkbox, Required  1 sub6_a_n21 constrained by legislative mandate  2 sub6_a_n22 lack of public support  3 sub6_a_n23 lack of administrative support  4 sub6_a_n24 public not likely to use information  5 sub6_a_n25 inability to effectively disseminate information  6 sub6_a_n26 other |
| 378 | [sub6_a_n2_a] Show the field ONLY if: [sub6_a_n2(6)] = '1'         | Please describe any other potential roadblocks to the development or expansion of your agency's capacity to educate the public about personal tick-bite prevention:                       | text  |

| 379 | [sub6_a_n1] Show the field ONLY if: [sub6_a] = '0'              | If resources, including funding and training opportunities were available, would your agency be interested in developing the capacity to educate the public about personal tick-bite prevention?                                  | yesno, Required  1 Yes  0 No          |
|-----|---|---|---------------------------------------|
| 380 | [sub6_a_n1_y1_matrix] Show the field ONLY if: [sub6_a_n1] = '1' | What resources would be most helpful to expand your agency's capacity to educate the public about tick-bite prevention?  Please rank below choices in order of priority, with highest priority as '1' and lowest priority as '5': | descriptive                           |
| 381 | [sub6_a_n1_y1_a] Show the field ONLY if: [sub6_a_n1] = '1'      | funding   | radio (Matrix - ranking), Required  1 |
| 382 | [sub6_a_n1_y1_b] Show the field ONLY if: [sub6_a_n1] = '1'      | personnel   | radio (Matrix - ranking), Required  1 |
| 383 | [sub6_a_n1_y1_c] Show the field ONLY if: [sub6_a_n1] = '1'      | access to physical educational material   | radio (Matrix - ranking), Required  1 |

| 384 | [sub6_a_n1_y1_d] Show the field ONLY if: [sub6_a_n1] = '1'            | access to digital educational material  | radio (Matrix - ranking), Required  1   |  |  |
|-----|---|---|---|--|--|
| 385 | [sub6_a_n1_y1_e] Show the field ONLY if: [sub6_a_n1] = '1'            | training  | radio (Matrix - ranking), Required  1   |  |  |
| 386 | [sub6_a_n1_y1_matrix_other] Show the field ONLY if: [sub6_a_n1] = '1' | Please describe anything else you might require to help expand your agency's capacity to educate the public about tick-bite prevention:   | text  |  |  |
| 387 | [sub6_a_n4] Show the field ONLY if: [sub6_a_n1] = '1'                 | Please select any other potential roadblocks to the development or expansion of your agency's capacity to educate the public about personal tick-bite prevention. [select all that apply] | checkbox, Required  1 sub6_a_n41 constrained by legislative mandate  2 sub6_a_n42 lack of public support  3 sub6_a_n43 lack of administrative support  4 sub6_a_n44 public not likely to use information  5 sub6_a_n45 inability to effectively disseminate information  6 sub6_a_n46 other |  |  |
| 388 | [sub6_a_n3_a] Show the field ONLY if: [sub6_a_n4(6)] = '1'            | Please describe any other potential roadblocks to the development or expansion of your agency's capacity to educate the public about personal tick-bite prevention:                       | text  |  |  |

| 389 | [sub6_a_n1_y2]                                      | If your agency were to distribute tick-bite prevention information, that dissemination methods would you be likely to use? [select all that apply] | ched          | kbox, Required   |  |
|-----|---|--|---------------|--|--|
|     | Show the field ONLY if:<br>[sub6_a_n1] = '1'        |  | 1             | sub6_a_n1_y21  | video (youtube / vimeo /<br>tik-tok, etc.) |
|     |   | 2  | sub6_a_n1_y22 | social media (facebook /<br>twitter / instagram, etc.) |  |
|     |   | 3  | sub6_a_n1_y23 | printed materials                                      |  |
|     |   |  | 4             | sub6_a_n1_y24  | public forum                               |
|     |   |  | 5             | sub6_a_n1_y25  | radio ads                                  |
|     |   |  | 6             | sub6_a_n1_y26  | tv ads                                     |
|     |   |  | 7             | sub6_a_n1_y27  | billboards                                 |
|     |   |  | 8             | sub6_a_n1_y28  | signage on city owned<br>property          |
|     |   |  | 9             | sub6_a_n1_y29  | signage on public<br>transportation        |
|     |   |  | 10            | sub6_a_n1_y210   | other                                      |
| 390 | [sub6_a_n1_y2_other]                                | Please describe any other way(s) your agency may   | text          |  |  |
| 1 1 | Show the field ONLY if:<br>[sub6_a_n1_y2(10)] = '1' | effectively distribute information to the public:  |               |  |  |

| 391 | [sub6_a_n1_n1]  | Why is your agency uninterested in educating the public   | che | eckbox, Required               |  |
|-----|---|---|-----|--------------------------------|--|
|     | Show the field ONLY if:<br>[sub6_a_n1] = '0'                        | about personal tick-bite prevention? [select all that apply]  | 1   | sub6_a_n1_n11                  | ticks and tickborne disease<br>are not a priority concern in<br>our jurisdiction |
|     |   |   | 2   | sub6_a_n1_n12                  | not in agency mission statement  |
|     |   |   | 3   | sub6_a_n1_n13                  | lack of public support   |
|     |   |   | 4   | sub6_a_n1_n14                  | lack of administrative support   |
|     |   |   | 5   | sub6_a_n1_n15                  | public not likely to use information   |
|     |   |   | 6   | sub6_a_n1_n16                  | inability to effectively<br>disseminate information                              |
|     |   |   | 7   | sub6_a_n1_n17                  | information already available<br>elsewhere or offered by<br>another organization |
|     |   |   | 8   | sub6_a_n1_n18                  | other  |
| 392 | [sub6_an1_n1_other] Show the field ONLY if: [sub6_a_n1_n1(8)] = '1' | Please describe any other reason(s) your agency is uninterested in educating the public about personal tickbite prevention: | tex | t                              |  |
| 393 | [subsection_6_community_ed ucation_regarding_persona_complete]      | Section Header: Form Status Complete?   |     | Incomplete Unverified Complete |  |

Instrument: Subsection 7: Private operators contracted by government entities (subsection\_7\_private\_operators\_contracted\_by\_gover)

Enabled as survey

|     | T .  |  |   |
|-----|--|--|---|
| 394 | [sub7_a]                                     | Section Header: Capacity of private operators contracted by government entities to deploy tick control | checkbox, Required                            |
|     |  | What type(s) of public agency/agencies are you contracted  | 1 sub7_a1 mosquito or vector control district |
|     |  | under?[select all that apply]  | 2 sub7_a2 public health agency                |
|     |  |  | 3 sub7_a3 environmental health agency         |
|     |  |  | 4 sub7_a4 public works                        |
|     |  |  | 5 sub7_a5 animal control                      |
|     |  |  | 6 sub7_a6 parks and recreation department     |
|     |  |  | 7 sub7_a7 federal agency                      |
|     |  |  | 8 sub7_a8 other                               |
| 395 | [sub7_a_1]                                   | Please describe any other type(s) of public agency/agencies  | text  |
|     | Show the field ONLY if:<br>[sub7_a(8)] = '1' | by which your company is contracted for vector control:  |   |
| 396 | [sub7_b]                                     | What is the jurisdiction of the agency under which you are   | checkbox, Required                            |
|     |  | contracted?[select all that apply]   | 1 sub7_b1 city                                |
|     |  |  | 2 sub7_b2 county                              |
|     |  |  | 3 sub7_b3 state                               |
|     |  |  | 4 sub7_b4 regional or multi-state             |
|     |  |  | 5 sub7_b5 federal                             |
|     |  |  | 6 sub7_b6 other                               |
| 397 | [sub7_b_1]                                   | Please describe any other jurisdictional level of the agency   | text  |
|     | Show the field ONLY if:<br>[sub7_b(6)] = '1' | by which you are contracted:   |   |

| 398 | 98 [sub7_c] At what scale are your current vector control efforts |   | checkbox, Required                           |
|-----|---|---|--|
|     |   | conducted?[select all that apply]                         | 1 sub7_c1 individual public property         |
|     |   |   | 2 sub7_c2 groups of public properties        |
|     |   |   | 3 sub7_c3 high-use public spaces             |
|     |   |   | 4 sub7_c4 private residential properties     |
|     |   |   | 5 sub7_c5 private non-residential properties |
|     |   |   | 6 sub7_c6 other                              |
| 399 | [sub7_c_1]  | Please describe any other scale(s) of your vector control | text   |
|     | Show the field ONLY if:<br>[sub7_c(6)] = '1'                      | activities:   |  |
| 400 | [sub7_d]  | How often is your organization contracted to deploy tick  | radio, Required                              |
|     |   | control?  | 1 multiple times per year                    |
|     |   |   | 2 once a year                                |
|     |   | 3 never   |  |
|     |   |   | 4 other                                      |
| 401 | [sub7_d_1]  | Please describe any other frequency/frequencies at which  | text   |
|     | Show the field ONLY if:<br>[sub7_d] = '4'                         | your organization is contracted to deploy tick control:   |  |

| 402 | [sub7_e]   | Where does your organization acquire information regarding available tick control methods?[select all that apply] | chec 1 2 3 4 5 6 7 | sub7_e1 sub7_e2 sub7_e3 sub7_e4 sub7_e5 sub7_e6 sub7_e7 | scientific literature  county health department  state health department  Centers for Disease Control and Prevention  university extension services  academic institution  meetings |
|-----|--|---|--------------------|---|---|
|     |  |   | 8<br>9<br>10       | sub7_e8<br>sub7_e9<br>sub7_e10                          | private companies professional groups other   |
| 403 | [sub7_e_1]  Show the field ONLY if: [sub7_e(10)] = '1'                                 | Please describe any other source(s) your organization uses to acquire information regarding tick control methods: | text               | ext   |   |
| 404 | [sub7_f]  Show the field ONLY if:  [sub7_d] = '1' or [sub7_d] = '2'  or [sub7_d] = '4' | What tick control methods does your organization currently deploy?[select all that apply]                         | 1<br>2<br>3<br>4   | ve na sub7_f2 de sub7_f3 ro                             | eplication of acaricides to egetation (synthetic, biological, or atural) eer-targeted intervention dent-targeted intervention abitat or landscape management                        |
| 405 | [sub7_f_1]  Show the field ONLY if: [sub7_f(5)] = '1'                                  | Please describe any other tick control method(s) your organization deploys:                                       | text               |   |   |

| 406 | [subsection_7_private_operat<br>ors_contracted_by_gover_com<br>plete]                  | Section Header: Form Status  Complete?  | dropdown  0 Incomplete  1 Unverified  2 Complete  |
|-----|--|---|---|
| 407 | ent: <b>Subsection 7a: Acarici</b> [sub7a_e] Show the field ONLY if: [sub7_f(1)] = '1' | Section Header: Capacity of private operators contracted by government entities to deploy acaricides  What types of acaricide products does your organization deploy for tick control?[select all that apply] | checkbox, Required  1 sub7a_e1 synthetic chemical  2 sub7a_e2 natural botanical product  3 sub7a_e3 entomopathogenic fungus  4 sub7a_e4 other |
| 408 | [sub7a_e_1] Show the field ONLY if: [sub7a_e(4)] = '1'                                 | Please describe any other type(s) of acaricide your organization deploys for tick control:  | text  |
| 409 | [sub7a_b] Show the field ONLY if: [sub7_f(1)] = '1'                                    | Do your organization's acaricide applications target private or public property, or both?   | radio, Required  1 private properties 2 public properties 3 both  |
| 410 | [sub7a_a] Show the field ONLY if: [sub7a_b] = '2' or [sub7a_b] = '3'                   | At approximately how many public properties does your organization generally deploy acaricide applications per year?  | radio, Required  1 < 10 2 10 - 50 3 50 - 100 4 100 - 500 5 > 500  |

| 411 | [sub7a_a_2] Show the field ONLY if: [sub7a_b] = '1' or [sub7a_b] = '3'  | At approximately how many private properties does your organization generally deploy acaricide applications per year? | radio, Required  1 < 10  2 10 - 50  3 50 - 100  4 100 - 500  5 > 500   |
|-----|---|---|--|
| 412 | [sub7a_b_1]  Show the field ONLY if: [sub7a_b] = '2' or [sub7a_b] = '3' | What type(s) of public property does your organization target for acaricide application(s)?[select all that apply]    | checkbox, Required  1 sub7a_b_11 parks  2 sub7a_b_12 picnic areas  3 sub7a_b_13 community centers  4 sub7a_b_14 school grounds  5 sub7a_b_15 forested areas  6 sub7a_b_16 campgrounds  7 sub7a_b_17 summer camps  8 sub7a_b_18 golf course  9 sub7a_b_19 other |
| 413 | [sub7a_b_1_a] Show the field ONLY if: [sub7a_b_1(9)] = '1'              | Please describe any other type(s) of public property your organization targets for acaricide applications:            | text   |
| 414 | [sub7a_b_2]  Show the field ONLY if: [sub7a_b] = '1' or [sub7a_b] = '3' | What triggers your organization to deploy acaricides on private property?[select all that apply]                      | checkbox, Required  1 sub7a_b_21 request of property owners  2 sub7a_b_22 according to field surveillance data  3 sub7a_b_23 according to human case data  4 sub7a_b_24 other  |
| 415 | [sub7a_b_2_a]  Show the field ONLY if: [sub7a_b_2(4)] = '1'             | Please describe any other reason(s) that trigger your organization to deploy acaricides on private property:          | notes  |

| 416 | [sub7a_c]                                       | How does your organization evaluate the efficacy of   | checkbox, Required  |
|-----|---|---|---|
|     | Show the field ONLY if:                         | acaricide applications?[select all that apply]  | 1 sub7a_c1 reduction in host-seeking ticks                    |
|     | [sub7_f(1)] = '1'                               |   | 2 sub7a_c2 reduction in ticks submitted by the public         |
|     |   |   | 3 sub7a_c3 reduction in public complaints or service requests |
|     |   |   | 4 sub7a_c4 reduction in human tickborne disease cases         |
|     |   |   | 5 sub7a_c5 other evaluation metric                            |
|     |   |   | 6 sub7a_c6 no evaluation                                      |
| 417 | [sub7a_c_1]                                     | Please describe any other way(s) that your organization   | text  |
|     | Show the field ONLY if:<br>[sub7a_c(5)] = '1'   | evaluates the efficacy of acaricide applications:   |   |
| 418 | [sub7a_d]                                       | If training opportunities were available, and you were asked  | yesno, Required   |
|     | Show the field ONLY if:<br>[sub7_f(1)] = '0'    | by your contracting agency, would your organization be interested in learning how to deploy acaricide applications? | 1 Yes 0 No  |
| 419 | [sub7a_d_1]                                     | If your organization were to deploy acaricide applications,   | checkbox, Required  |
|     | Show the field ONLY if:                         | what type(s) of public property would be most feasible for your operation to target?[select all that apply]         | 1 sub7a_d_11 parks  |
|     | [sub7a_d] = '1'                                 | your operation to target.[select all that apply]  | 2 sub7a_d_12 picnic areas                                     |
|     |   |   | 3 sub7a_d_13 community centers                                |
|     |   |   | 4 sub7a_d_14 school grounds                                   |
|     |   |   | 5 sub7a_d_15 forested areas                                   |
|     |   |   | 6 sub7a_d_16 campgrounds                                      |
|     |   |   | 7 sub7a_d_17 summer camps                                     |
|     |   |   | 8 sub7a_d_18 golf course                                      |
|     |   |   | 9 sub7a_d_19 other  |
| 420 | [sub7a_d_1_a]                                   | Please describe any other type(s) of public property your   | text  |
|     | Show the field ONLY if:<br>[sub7a_d_1(9)] = '1' | organization might target for acaricide application:  |   |

| 421             | [sub7a_d_2]  Show the field ONLY if: [sub7a_d] = '1'        | If your organization were to deploy acaricide applications, would it treat private properties?  | yesno, Required  1 Yes  0 No  |
|-----------------|---|---|---|
| 422             | [sub7a_d_3] Show the field ONLY if: [sub7a_d] = '0'         | Why is your organization uninterested in deploying acaricide applications?[select all that apply]   | checkbox, Required  1 sub7a_d_31 ticks and tickborne disease are not a priority concern in our service area  2 sub7a_d_32 concerns for safety of staff  3 sub7a_d_33 environmental concerns  4 sub7a_d_34 lack of interest from contracting agency  5 sub7a_d_35 lack of trained personnel  6 sub7a_d_36 not profitable  7 sub7a_d_37 other |
| 423             | [sub7a_d_3_a]  Show the field ONLY if: [sub7a_d_3(7)] = '1' | Please describe any other reason(s) your organization is uninterested in deploying acaricide applications:  | text  |
| 424             | [subsection_7a_acaricide_application_complete]              | Section Header: Form Status  Complete?  | dropdown  0 Incomplete  1 Unverified  2 Complete  |
| Instrume<br>425 | [sub7c_e] Show the field ONLY if: [sub7_f(3)] = '1'         | Section Header: Capacity of private operators contracted by government entities to deploy rodent-targeted tick control  What rodent-targeted tick control methods does your organization deploy?[select all that apply] | checkbox, Required  1 sub7c_e1 damminix tick tubes 2 sub7c_e2 thermacell tick tubes 3 sub7c_e3 select TCS bait boxes 4 sub7c_e4 other   |

| 426 | [sub7c_e_1]  Show the field ONLY if: [sub7c_e(4)] = '1'                | Please describe any other rodent-targeted tick control method(s) your organization deploys:                       | text   |
|-----|--|---|--|
| 427 | [sub7c_b] Show the field ONLY if: [sub7_f(3)] = '1'                    | Does your organization target private or public property, or both, when deploying rodent-targeted tick control?   | radio, Required  1 private properties  2 public properties  3 both   |
| 428 | [sub7c_a]  Show the field ONLY if: [sub7c_b] = '2' or [sub7c_b] = '3'  | At approximately how many public properties does your organization deploy rodent-targeted tick control per year?  | radio, Required  1 < 10  2 10 - 50  3 50 - 100  4 100 - 500  5 > 500 |
| 429 | [sub7c_a_2] Show the field ONLY if: [sub7c_b] = '1' or [sub7c_b] = '3' | At approximately how many private properties does your organization deploy rodent-targeted tick control per year? | radio, Required  1 < 10  2 10 - 50  3 50 - 100  4 100 - 500  5 > 500 |

|     | 1   | 1  |   |
|-----|---|--|---|
| 430 | [sub7c_b_1]                                     | What type(s) of public property does your organization                     | checkbox, Required                                |
|     | Show the field ONLY if:                         | target when deploying rodent-targeted tick control?[select all that apply] | 1 sub7c_b_11 parks                                |
|     | [sub7c_b] = '2' or [sub7c_b] = '3'              |  | 2 sub7c_b_12 picnic areas                         |
|     |   |  | 3 sub7c_b_13 community centers                    |
|     |   |  | 4 sub7c_b_14 school grounds                       |
|     |   |  | 5 sub7c_b_15 forested areas                       |
|     |   |  | 6 sub7c_b_16 campgrounds                          |
|     |   |  | 7 sub7c_b_17 summer camps                         |
|     |   |  | 8 sub7c_b_18 golf course                          |
|     |   |  | 9 sub7c_b_19 other                                |
| 431 | [sub7c_b_1_a]                                   | Please describe any other type(s) of public property your                  | text  |
|     | Show the field ONLY if:<br>[sub7c_b_1(9)] = '1' | organization targets with rodent-targeted tick control:                    |   |
| 432 | [sub7c_b_2]                                     | What triggers your organization to deploy rodent-targeted                  | checkbox, Required                                |
|     | Show the field ONLY if:                         | tick control on private property?[select all that apply]                   | 1 sub7c_b_21 request of property owners           |
|     | [sub7c_b] = '1' or [sub7c_b] = '3'              |  | 2 sub7c_b_22 according to field surveillance data |
|     |   |  | 3 sub7c_b_23 according to human case data         |
|     |   |  | 4 sub7c_b_24 other                                |
| 433 | [sub7c_b_2_a]                                   | Please describe any other reason(s) that trigger your                      | notes   |
|     | Show the field ONLY if:<br>[sub7c_b_2(4)] = '1' | organization to deploy rodent-targeted tick control on private property:   |   |

|   | 134 | [sub7c_c]                                       | How does your organization evaluate the efficacy of rodent-  | checkl        | box, Require | d  |              |
|---|-----|---|--|---------------|--------------|--|--------------|
|   |     | Show the field ONLY if:                         | targeted tick control?[select all that apply]  | 1 su          | ub7c_c1      | reduction in host-seekir                             | ng ticks     |
|   |     | $[sub7_f(3)] = '1'$                             |  | 2 su          |              | reduction in ticks subm<br>public                    | itted by the |
|   |     |   |  | 3 su          |              | reduction in pub <b>l</b> ic com<br>service requests | plaints or   |
|   |     |   |  | 4 su          |              | reduction in human tick<br>disease cases             | borne        |
|   |     |   |  | 5 su          | ub7c_c5      | other evaluation metric                              |              |
|   |     |   |  | 6 su          | ub7c_c6      | no evaluation  |              |
| 4 | 135 | [sub7c_c_1]                                     | Please describe any other way(s) your organization   | text          |              |  |              |
|   |     | Show the field ONLY if:<br>[sub7c_c(5)] = '1'   | evaluates the efficacy of rodent-targeted tick control:  |               |              |  |              |
|   | 136 | [sub7c_d]                                       | If training opportunities were available, and you were asked   | yesno         | o, Required  |  |              |
|   |     | Show the field ONLY if: $[sub7_f(3)] = '0'$     | by your contracting agency, would your organization be interested in developing the capacity to deploy rodent-targeted tick control? | 1 Ye          |              |  |              |
| 4 | 137 | [sub7c_d_1]                                     | If your organization were to deploy rodent-targeted tick   | checkl        | box, Require | d  |              |
|   |     | Show the field ONLY if:                         | control, what type(s) of public property would be most feasible for your operation to target?[select all that apply]                 | 1 su          | ub7c_d_11    | parks  |              |
|   |     | [sub7c_d] = '1'                                 | reasing for your operation to tangent series an triat apply]   | 2 su          | ub7c_d_12    | picnic areas   |              |
|   |     |   |  | 3 su          | ub7c_d_13    | community centers                                    |              |
|   |     |   |  | 4 su          | ub7c_d_14    | school grounds                                       |              |
|   |     |   |  | 5 su          | ub7c_d_15    | forested areas                                       |              |
|   |     |   |  | $\vdash$      | ub7c_d_16    | +  |              |
|   |     |   |  | _             | ub7c_d_17    | <u> </u>   |              |
|   |     |   |  | l <del></del> |              | golf course  |              |
|   |     |   |  | 9 su          | ub7c_d_19    | other  |              |
|   | 438 | [sub7c_d_1_a]                                   | Please describe any other type(s) of public property your  | text          |              |  |              |
|   |     | Show the field ONLY if:<br>[sub7c_d_1(9)] = '1' | organization might target for rodent-targeted tick control:  |               |              |  |              |

| 439 | [sub7c_d_2] Show the field ONLY if: [sub7c_d] = '1'          | If your organization were to deploy rodent-targeted tick control, would it target private properties?            | yesno, Required  1 Yes  0 No  |
|-----|--|--|---|
| 440 | [sub7c_d_3]  | Why is your organization uninterested in deploying rodent-   | checkbox, Required  |
|     | Show the field ONLY if:<br>[sub7c_d] = '0'                   | targeted tick control?[select all that apply]  | 1 sub7c_d_31 ticks and tickborne disease are not a priority concern in our service area |
|     |  |  | 2 sub7c_d_32 concerns for safety of staff   |
|     |  |  | 3 sub7c_d_33 environmental concerns   |
|     |  |  | 4 sub7c_d_34 lack of interest from contracting agency                                   |
|     |  |  | 5 sub7c_d_35 lack of trained personnel  |
|     |  |  | 6 sub7c_d_36 not profitable   |
|     |  |  | 7 sub7c_d_37 other  |
| 441 | [sub7c_d_3_a]  Show the field ONLY if: [sub7c_d_3(7)] = '1'  | Please describe any other reason(s) your organization is uninterested in deploying rodent-targeted tick control: | text  |
| 442 | [subsection_7c_rodent_target ed_intervention_26cc_complet e] | Section Header: Form Status  Complete?   | dropdown  0 Incomplete  1 Unverified  2 Complete  |

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| 443 | [sub7d_e]                                     | Section Header: Capacity of private operators contracted by government   | checkbox, Required                                    |
|-----|---|--|---|
|     | Show the field ONLY if:                       | entities to deploy habitat or landscape management tick control  What habitat or landscape modification tick control | 1 sub7d_e1 mowing                                     |
|     | [sub7_f(4)] = '1'                             | methods does your organization deploy?[select all that   | 2 sub7d_e2 brush clearing                             |
|     |   | apply]   | 3 sub7d_e3 leaf litter removal                        |
|     |   |  | 4 sub7d_e4 xeric borders along high-risk tick habitat |
|     |   |  | 5 sub7d_e5 burning                                    |
|     |   |  | 6 sub7d_e6 other                                      |
| 444 | [sub7d_e_1]                                   | What other habitat or landscape modification method(s)   | text  |
|     | Show the field ONLY if:<br>[sub7d_e(6)] = '1' | does your organization deploy for tick control:  |   |
| 445 | [sub7d_b]                                     | Does your organization conduct habitat or landscape  | radio, Required                                       |
|     | Show the field ONLY if:                       | management tick control on private or public property, or both?  | 1 private properties                                  |
|     | [sub7_f(4)] = '1'                             |  | 2 public properties                                   |
|     |   |  | 3 both  |
| 446 | [sub7d_a]                                     | At approximately how many public properties does your  | radio, Required                                       |
|     | Show the field ONLY if:                       | organization conduct habitat or landscape management tick control per year?  | 1 < 10  |
|     | [sub7d_b] = '2' or [sub7d_b] =<br>'3'         |  | 2 10 - 50   |
|     |   |  | 3 50 - 100  |
|     |   |  | 4 100 - 500   |
|     |   |  | 5 > 500   |
| 447 | [sub7d_a_2]                                   | At approximately how many private properties does your   | radio, Required                                       |
|     | Show the field ONLY if:                       | organization conduct habitat or landscape management tick control per year?  | 1 < 10  |
|     | [sub7d_b] = '1' or [sub7d_b] =<br>'3'         |  | 2 10 - 50   |
|     | 3   |  | 3 50 - 100  |
|     |   |  | 4 100 - 500   |
|     |   |  | 5 > 500   |

| T 1 | I   | T  | <u>-</u>  |  |  |
|-----|---|--|---|--|--|
| 448 | [sub7d_b_1]                                     | On what type(s) of public property does your organization  | checkbox, Required                                |  |  |
|     | Show the field ONLY if:                         | conduct habitat or landscape management tick control? [select all that apply]                            | 1 sub7d_b_11 parks                                |  |  |
|     | [sub7d_b] = '2' or [sub7d_b] = '3'              | [Select all triat apply]   | 2 sub7d_b_12 picnic areas                         |  |  |
|     | 3   |  | 3 sub7d_b_13 community centers                    |  |  |
|     |   |  | 4 sub7d_b_14 school grounds                       |  |  |
|     |   |  | 5 sub7d_b_15 forested areas                       |  |  |
|     |   |  | 6 sub7d_b_16 campgrounds                          |  |  |
|     |   |  | 7 sub7d_b_17 summer camps                         |  |  |
|     |   |  | 8 sub7d_b_18 golf course                          |  |  |
|     |   |  | 9 sub7d_b_19 other                                |  |  |
| 449 | [sub7d_b_1_a]                                   | Please describe any other type(s) of public property where   | text  |  |  |
|     | Show the field ONLY if:<br>[sub7d_b_1(9)] = '1' | your organization conducts habitat or landscape management tick control:                                 |   |  |  |
| 450 | [sub7d_b_2]                                     | How is the need for your organization to use habitat or  | checkbox, Required                                |  |  |
|     | Show the field ONLY if:                         | landscape management tick control methods on private property determined?[select all that apply]         | 1 sub7d_b_21 request of property owners           |  |  |
|     | [sub7d_b] = '1' or [sub7d_b] = '3'              | property determined:[select all that apply]  | 2 sub7d_b_22 according to field surveillance data |  |  |
|     |   |  | 3 sub7d_b_23 according to human case data         |  |  |
|     |   |  | 4 sub7d_b_24 other                                |  |  |
| 451 | [sub7d_b_2_a]                                   | Please describe any other ways that your organization  | notes   |  |  |
|     | Show the field ONLY if:<br>[sub7d_b_2(4)] = '1' | determines the need to conduct habitat or landscape management tick control methods on private property: |   |  |  |

| 4 | 452 | [sub7d_c]                                       | How does your organization evaluate the efficacy of habitat   | che                | ckbox, Require  | ed   |
|---|-----|---|---|--------------------|-----------------|--|
|   |     | Show the field ONLY if:                         | or landscape management tick control?[select all that apply]  | 1                  | sub7d_c1        | reduction in host-seeking ticks                    |
|   |     | [sub7_f(4)] = '1'                               |   | 2                  | sub7d_c2        | reduction in ticks submitted by the public         |
|   |     |   |   | 3                  | sub7d_c3        | reduction in public complaints or service requests |
|   |     |   |   | 4                  | sub7d_c4        | reduction in human tickborne<br>disease cases      |
|   |     |   |   | 5                  | sub7d_c5        | other evaluation metric                            |
|   |     |   |   | 6                  | sub7d_c6        | no evaluation                                      |
|   | 453 | [sub7d_c_1]                                     | Please describe any other way(s) your organization  | tex                | t               |  |
|   |     | Show the field ONLY if:<br>[sub7d_c(5)] = '1'   | evaluates the efficacy of habitat or landscape management tick control:   |                    |                 |  |
|   | 454 | [sub7d_d]                                       | If training opportunities were available, and you were asked  | yes                | no, Required    |  |
|   |     | Show the field ONLY if:<br>[sub7_f(4)] = '0'    | by your contracting agency, would your organization be interested in developing the capacity to conduct habitat or landscape management tick control? | 0                  |                 |  |
| 4 | 455 | [sub7d_d_1]                                     | If your organization were to conduct habitat or landscape   | che                | eckbox, Require | ed   |
|   |     | Show the field ONLY if:                         | management tick control, what type(s) of public property would be most feasible for your operation to target?[select                                  | 1 sub7d_d_11 parks | 1 parks         |  |
|   |     | [sub7d_d] = '1'                                 | all that apply]   | 2                  | sub7d_d_1       | 2 picnic areas                                     |
|   |     |   |   | 3                  | sub7d_d_1       | 3 community centers                                |
|   |     |   |   | 4                  | sub7d_d_1       | 4 school grounds                                   |
|   |     |   |   | $\vdash$           | sub7d_d_1       |  |
|   |     |   |   | $\vdash$           |                 | 6 campgrounds                                      |
|   |     |   |   | $\vdash$           |                 | 7 summer camps                                     |
|   |     |   |   | $\vdash$           |                 | 8 golf course                                      |
|   |     |   |   | 9                  | sub7d_d_1       | 9 other  |
|   | 456 | [sub7d_d_1_a]                                   | Please describe any other type(s) of public property your   | tex                | t               |  |
|   |     | Show the field ONLY if:<br>[sub7d_d_1(9)] = '1' | organization might target for habitat or landscape management tick control:   |                    |                 |  |

| 457     | [sub7d_d_2]  Show the field ONLY if: [sub7d_d] = '1'                  | If your organization were to conduct habitat or landscape management tick control, would it target private properties?  | yesno, Required  1 Yes  0 No  |
|---------|---|---|---|
| 458     | [sub7d_d_3] Show the field ONLY if: [sub7d_d] = '0'                   | Why is your organization uninterested in conducting habitat or landscape management tick control?[select all that apply]  | checkbox, Required  1 sub7d_d_31 ticks and tickborne disease are not a priority concern in our service area  2 sub7d_d_32 concerns for safety of staff  3 sub7d_d_33 environmental concerns  4 sub7d_d_34 lack of interest from contracting agency  5 sub7d_d_35 not profitable  6 sub7d_d_36 other |
| 459     | [sub7d_d_3_a]  Show the field ONLY if: [sub7d_d_3(6)] = '1'           | Please describe any other reason(s) your organization is uninterested in conducting habitat or landscape management tick control:   | text  |
| 460     | [subsection_7d_habitat_or_la<br>ndscape_management_52f5_c<br>omplete] | Section Header: Form Status Complete?   | dropdown  0 Incomplete  1 Unverified  2 Complete  |
| Instrum | ent: Subsection 7b: Deer ta   | rgeted intervention (subsection_7b_deer_targeted_inter  | vention_d8a0) 🛂 Enabled as survey   |
| 461     | [sub7b_e] Show the field ONLY if: [sub7_f(2)] = '1'                   | Section Header: Capacity of private operators contracted by government entities to deploy deer-targeted tick control  What deer-targeted tick control methods does your organization deploy?[select all that apply] | checkbox, Required  1 sub7b_e1 deer removal  2 sub7b_e2 deer reproductive control  3 sub7b_e3 4-poster for topical application of acaricide to deer  4 sub7b_e4 deer fencing  5 sub7b_e5 planting plants unpalatable to deer  6 sub7b_e6 other  |

| 462 | [sub7b_i_1]  Show the field ONLY if: [sub7b_e(6)] = '1'     | Please describe any other deer-targeted tick control method(s) your organization deploys:                             | text  |
|-----|---|---|---|
| 463 | [sub7b_a] Show the field ONLY if: [sub7_f(2)] = '1'         | Approximately what size is the area covered by your organization's deer-targeted tick control?                        | radio, Required  1  0 - 1 acre (0 - 0.001 sq mi)  2  1 - 10 acres (0.001 - 0.016 sq mi)  3  10 - 100 acres (0.01 - 0.156 sq mi)  4  100 - 1000 acres (0.156 - 1.563 sq mi)  6  1,000 - 10,000 acres (1.563 - 15.625 sq mi)  7  > 10,000 acres ( > 15.625 sq mi) |
| 464 | [sub7b_b_1]  Show the field ONLY if: [sub7_f(2)] = '1'      | What type(s) of public property does your organization target with deer-targeted tick control?[select all that apply] | checkbox, Required  1 sub7b_b_11 parks  2 sub7b_b_12 picnic areas  3 sub7b_b_13 community centers  4 sub7b_b_14 school grounds  5 sub7b_b_15 forested areas  6 sub7b_b_16 campgrounds  7 sub7b_b_17 summer camps  8 sub7b_b_18 golf course  9 sub7b_b_19 other  |
| 465 | [sub7b_b_1_a]  Show the field ONLY if: [sub7b_b_1(9)] = '1' | Please describe any other type(s) of public property your organization targets with deer-targeted tick control:       | text  |
| 466 | [sub7b_b] Show the field ONLY if: [sub7_f(2)] = '1'         | Does your organization target private property when deploying deer-targeted tick control?                             | yesno, Required  1 Yes  0 No  |
| 467 | [sub7b_b_3] Show the field ONLY if: [sub7b_b] = '1'         | Please briefly name or describe the deer-targeted methods deployed on private property:                               | notes   |

| 468 | 8 [sub7b_b_2]  | What triggers your organization to deploy deer-targeted tick   | che | eckbox, Require | ed   |
|-----|--|--|-----|-----------------|--|
|     | Show the field ONLY if:                                  | control on private property?[select all that apply]  | 1   | sub7b_b_2       | 1 request of property owners                       |
|     | [sub7b_b] = '1'  |  | 2   | sub7b_b_2_      | 2 according to field surveillance data             |
|     |  |  | 3   | sub7b_b_2       | 3 according to human case data                     |
|     |  |  | 4   | sub7b_b_2       | 4 other  |
| 469 | [sub7b_b_2_a]  | Please describe any other reason(s) that trigger your  | no  | tes             |  |
|     | Show the field ONLY if:<br>[sub7b_b_2(4)] = '1'          | organization to deploy deer-targeted tick control on private property:   |     |                 |  |
| 470 | [sub7b_c]  | How does your organization evaluate the efficacy of deer-  | che | eckbox, Require | ed   |
|     | Show the field ONLY if:                                  | targeted tick control?[select all that apply]  | 1   | sub7b_c1        | reduction in host-seeking ticks                    |
|     | [sub7_f(2)] = '1'  |  | 2   | sub7b_c2        | reduction in ticks submitted by the public         |
|     |  |  | 3   | sub7b_c3        | reduction in public complaints or service requests |
|     |  |  | 4   | sub7b_c4        | reduction in human tickborne<br>disease cases      |
|     |  |  | 5   | sub7b_c5        | other evaluation metric                            |
|     |  |  | 6   | sub7b_c6        | no evaluation                                      |
| 471 | [sub7b_c_1]  Show the field ONLY if:  [sub7b_c(5)] = '1' | Please describe any other way(s) that your organization evaluates the efficacy of deer-targeted tick control:  | tex | t               |  |
| 472 | [sub7b_d]  Show the field ONLY if: [sub7_f(2)] = '0'     | If training opportunities were available, and you were asked by your contracting agency, would your organization be interested in developing the capacity to deploy deertargeted tick control? | yes | res<br>No       |  |

| 473 | [sub7b_d_1]                                     | If your organization were to deploy deer-targeted tick   | checkbox, Required  |
|-----|---|--|---|
|     | Show the field ONLY if:                         | control, what type(s) of public property would be most feasible for your operation to target?[select all that apply] | 1 sub7b_d_11 parks  |
|     | [sub7b_d] = '1'                                 | reasible for your operation to target:[select all that apply]  | 2 sub7b_d_12 picnic areas   |
|     |   |  | 3 sub7b_d_13 community centers  |
|     |   |  | 4 sub7b_d_14 school grounds   |
|     |   |  | 5 sub7b_d_15 forested areas   |
|     |   |  | 6 sub7b_d_16 campgrounds  |
|     |   |  | 7 sub7b_d_17 summer camps   |
|     |   |  | 8 sub7b_d_18 golf course  |
|     |   |  | 9 sub7b_d_19 other  |
| 474 | [sub7b_d_1_a]                                   | Please describe any other type(s) of public property your  | text  |
|     | Show the field ONLY if:<br>[sub7b_d_1(9)] = '1' | organization might target for deer-targeted tick control:  |   |
| 475 | [sub7b_d_2]                                     | If your organization were to deploy deer-targeted tick   | yesno, Required   |
|     | Show the field ONLY if:                         | control, would it treat private properties?  | 1 Yes   |
|     | [sub7b_d] = '1'                                 |  | 0 No  |
| 476 | [sub7b_d_3]                                     | Why is your organization uninterested in deploying deer-   | checkbox, Required  |
|     | Show the field ONLY if:<br>[sub7b_d] = '0'      | targeted tick control?[select all that apply]  | 1 sub7b_d_31 ticks and tickborne disease are not a priority concern in our service area |
|     |   |  | 2 sub7b_d_32 concerns for safety of staff   |
|     |   |  | 3 sub7b_d_33 environmental concerns   |
|     |   |  | 4 sub7b_d_34 lack of interest from contracting agency                                   |
|     |   |  | 5 sub7b_d_35 lack of trained personnel  |
|     |   |  | 6 sub7b_d_36 not profitable   |
|     |   |  | 7 sub7b_d_37 other  |

| 477 | [sub7b_d_3_a]  Show the field ONLY if: [sub7b_d_3(7)] = '1' | Please describe any other reason(s) your organization is uninterested in deploying deer-targeted tick control:   | tex  | t   |  |
|-----|---|--|------|---|--|
| 478 | [subsection_7b_deer_targeted _intervention_d8a0_complete]   | Section Header: Form Status  Complete?   |      | pdown<br>Incomplete<br>Unverified<br>Complete |  |
|     | nt: <b>Subsection 8: Overall t</b><br>as survey             | ick management program services (subsection_8_o  | vera | ll_tick_manag                                 | ement_program_servi)   |
| 479 |   | Section Header: Overall capacity of agencies to deploy tick control  If funding and resources were available to develop a comprehensive tick management program in your agency, what services would you offer? [select all that apply] | che  | ckbox, Requi<br>sub8_a1                       | red tick surveillance to identify and inform community of local areas with high risk of tick and tickborne disease exposure  |
|     |   |  | 2    | sub8_a2                                       | control of tick populations on private properties (e.g., acaricide application, deer-targeted intervention, rodent-targeted intervention)                                      |
|     |   |  | 3    | sub8_a3                                       | control of tick populations on public<br>properties or public natural lands<br>(e.g., acaricide application, deer-<br>targeted intervention, rodent-<br>targeted intervention) |
|     |   |  | 4    | sub8_a4                                       | guidance for residential property<br>owners or public property managers<br>conducting or contracting for tick<br>control on their property                                     |
|     |   |  | 5    | sub8_a5                                       | tick control efficacy assessments for<br>residential property owners or<br>public property managers and pest<br>control firms  |
|     |   |  | 6    | sub8_a6                                       | community outreach regarding tick-<br>bite prevention and tick control<br>methods  |

| 480 | [sub8_b_matrix]  Show the field ONLY if: [sub8_a(1)] = '1' or [sub8_a(2)] = '1' or [sub8_a(3)] = '1' or [sub 8_a(4)] = '1' or [sub8_a(5)] = '1' or [sub8_a(6)] = '1' | Rank the priority (1 = highest / 6 = lowest) of the services selected above for your agency's tick management program:   | descriptive                           |
|-----|--|--|---------------------------------------|
| 481 | [sub8_b_matrix_a] Show the field ONLY if: [sub8_a(1)] = '1'  | tick surveillance to identify and inform community of local areas with high risk of tick and tickborne disease exposure  | radio (Matrix - ranking), Required  1 |
| 482 | [sub8_b_matrix_b] Show the field ONLY if: [sub8_a(2)] = '1'  | control of tick populations on private properties (e.g., acaricide application, deer-targeted intervention, rodent-targeted intervention)                        | radio (Matrix - ranking), Required  1 |
| 483 | [sub8_b_matrix_f] Show the field ONLY if: [sub8_a(3)] = '1'  | control of tick populations on public properties or public natural lands (e.g., acaricide application, deer-targeted intervention, rodent-targeted intervention) | radio (Matrix - ranking), Required  1 |

| 484 | [sub8_b_matrix_c] Show the field ONLY if: [sub8_a(4)] = '1'  | guidance for residential property owners or public property managers conducting or contracting for tick control on their property   | radio (Matrix - ranking), Required  1 |
|-----|--|---|---------------------------------------|
| 485 | [sub8_b_matrix_d] Show the field ONLY if: [sub8_a(5)] = '1'  | tick control efficacy assessments for residential property owners or public property managers and pest control firms  | radio (Matrix - ranking), Required  1 |
| 486 | [sub8_b_matrix_e] Show the field ONLY if: [sub8_a(6)] = '1'  | community outreach regarding tick-bite prevention and tick control methods  | radio (Matrix - ranking), Required  1 |
| 487 | [sub8_c_matrix]  Show the field ONLY if: [sub8_a(1)] = '1' or [sub8_a(2)] = '1' or [sub8_a(3)] = '1' or [sub 8_a(4)] = '1' or [sub8_a(5)] = '1' or [sub8_a(6)] = '1' | If your agency were to offer each of the services mentioned in the previous question individually, how much of an annual increase do you estimate your organization's budget would need for each service, considering increases in personnel or equipment or the need to reorganize existing staff / equipment? | descriptive                           |

| 488 | [sub8_c_matrix_a] Show the field ONLY if: [sub8_a(1)] = '1' | tick surveillance to identify and inform community of local areas with high risk of tick and tickborne disease exposure  | radio (Matrix), Required  1 0% 2 1-25% 3 25-50% 4 50-75% 5 75-100%                       |
|-----|---|--|--|
| 489 | [sub8_c_matrix_b]   | control of tick populations on private properties (e.g., acaricide application, deer-targeted intervention, rodent-  | radio (Matrix), Required   |
|     | Show the field ONLY if:<br>[sub8_a(2)] = '1'                | targeted intervention)   | 2 1-25%<br>3 25-50%  |
|     |   |  | 4 50-75%<br>5 75-100%<br>6 more than 100%  |
| 490 | [sub8_c_matrix_f] Show the field ONLY if: [sub8_a(3)] = '1' | control of tick populations on public properties or public natural lands (e.g., acaricide application, deer-targeted intervention, rodent-targeted intervention) | radio (Matrix), Required  1 0%  2 1-25%  3 25-50%  4 50-75%  5 75-100%  6 more than 100% |
| 491 | [sub8_c_matrix_c] Show the field ONLY if: [sub8_a(4)] = '1' | guidance for residential property owners or public property managers conducting or contracting for tick control on their property                                | radio (Matrix), Required  1 0%  2 1-25%  3 25-50%  4 50-75%  5 75-100%  6 more than 100% |

| 492 | [sub8_c_matrix_d] Show the field ONLY if: [sub8_a(5)] = '1' | tick control efficacy assessments for residential property<br>owners or public property managers and pest control firms  | radio (Matrix), Required  1 0%  2 1-25%  3 25-50%  4 50-75%  5 75-100%                   |
|-----|---|--|--|
| 493 | [sub8_c_matrix_e] Show the field ONLY if: [sub8_a(6)] = '1' | community outreach regarding tick-bite prevention and tick control methods   | fadio (Matrix), Required  1 0%  2 1-25%  3 25-50%  4 50-75%  5 75-100%  6 more than 100% |
| 494 | [sub8_d]  | Do you believe your community would support a tax increase to initiate or expand a comprehensive tick management program?  | yesno, Required  1 Yes  0 No   |
| 495 | [sub8_d_y1] Show the field ONLY if: [sub8_d] = '1'          | By what percentage would current taxes or fees devoted to vector management have to be increased in order to achieve a sustainable program?  | slider (number), Required<br>Slider labels: 0%, 50%, 100%<br>Custom alignment: RH        |
| 496 | [sub8_e_header]   | If training in tick control operations and specific tick control methods were provided by CDC or professional organizations (e.g., ESA, AMCA), please rank the preferred training vehicles from the selection below.  Please rank below choices in order of preference, with most preferred as '1' and least preferred as '6': | descriptive  |

| 497 | [sub8_e1] | webinars                                      | radio (Matrix - ranking), Required |
|-----|-----------|---|------------------------------------|
|     |           |   | 1 1                                |
|     |           |   | 2 2                                |
|     |           |   | 3 3                                |
|     |           |   | 4 4                                |
|     |           |   | 5 5                                |
|     |           |   |                                    |
|     |           |   | 6 6                                |
| 498 | [sub8_e2] | in-person courses including hands-on training | radio (Matrix - ranking), Required |
|     |           |   |                                    |
|     |           |   | 2 2                                |
|     |           |   | 3 3                                |
|     |           |   |                                    |
|     |           |   | 5 5                                |
|     |           |   | 6 6                                |
| 499 | [sub8_e3] | in-person courses without hands-on training   | radio (Matrix - ranking), Required |
|     |           |   |                                    |
|     |           |   | 2 2                                |
|     |           |   | 3 3                                |
|     |           |   | 4 4                                |
|     |           |   | 5 5                                |
|     |           |   | 6 6                                |
|     |           |   |                                    |
| 500 | [sub8_e4] | digital materials                             | radio (Matrix - ranking), Required |
|     |           |   |                                    |
|     |           |   | 2 2                                |
|     |           |   |                                    |
|     |           |   | 3 3                                |
|     |           |   | 4 4                                |
|     |           |   | <del>       </del>                 |
|     |           |   | 4 4                                |

| 501 | [sub8_e5]   | mailers  | radio (Matrix - ranking), Required  1              |
|-----|---|--|--|
| 502 | [sub8_e6]   | pre-recorded videos  | radio (Matrix - ranking), Required  1              |
| 503 | [sub8_e_other]  | Please describe any other optimal tick control training vehicle(s):  | notes  |
| 504 | [sub8_f]  | If funding and resources were available, would your agency be interested and capable of testing new or alternative tick control methods? | yesno, Required  1 Yes  0 No  Custom alignment: RH |
| 505 | [subsection_8_overall_tick_ma<br>nagement_program_servi_co<br>mplete] | Section Header: Form Status  Complete?   | dropdown  0 Incomplete  1 Unverified  2 Complete   |