

The purpose of this document is to explain and show how the burden estimates in Table A12A were calculated.

The document includes six additional tabs: **Definitions, Diseases, Total Diseases, Data Elements, Total Data Elements, Total Diseases + Data Elements.**

**Definitions:** The Definitions tab includes definitions for concepts used throughout the document including respondent type, and form description.

**Diseases:** The Diseases tab includes the burden per response for the one-time addition of one disease (core data elements only). The burden in hours is noted in each row for the addition of one disease for each respondent type). The average burden in hours for the one-time addition of one disease is noted for each respondent type in column C. The average burden in hours for the annualized one-time addition of one disease is noted for each respondent type in column D (average burden in hours divided by 3).

**Total Diseases:** The Total Diseases Tab includes two tables. The first table shows the one-time burden to add one disease to NNDSS and the second table shows the annualized one-time burden (one time burden divided by three) to add one disease to NNDSS.

**Data Elements:** The Data Elements tab includes the burden per response for the one-time addition of 24 data elements. The burden in hours is noted for the addition of the 24 data elements for each respondent type. The average burden in hours for the one-time addition of 24 data elements is noted for each respondent type in column H. The average burden in hours for the annualized one-time addition of all 24 data elements is noted for each respondent type in column I (average burden in hours divided by 3).

**Total Data Elements:** The Total Data Elements Tab includes two tables. The first table shows the one time burden to add 24 data elements to NNDSS and the second table shows the annualized one time burden (one time burden divided by three) to add 24 data elements to NNDSS. The annualized burden of all states combined to add the 24 data elements is 150 hours. Of the 24 data elements, 10 are from a new condition under standardized surveillance. Therefore, 58% of the 150 burden hours are from conditions currently submitted through NNDSS.

**Total Diseases + Data Elements:** The Total Diseases + Data Elements Tab includes two tables. The first table shows the one-time burden to add 1 disease and 24 data elements to NNDSS and the second table shows the annualized one-time burden (one time burden divided by three) to add 1 disease and 24 data elements to NNDSS. The total annualized one-time burden (in hours) for each respondent type (States, Territories, Freely Associated States, Cities) corresponds to the each line on Table A12A for the one-time addition of diseases and data elements.

<b>Item</b>	<b>Definition</b>
<b>Respondent Type</b>	
States	50 states
Territories	American Samoa, Northern Mariana Islands, Guam, U.S. Virgin Islands, and Puerto Rico
Freely Associated States	Micronesia, Marshall Islands, Palau
Cities	NYC, DC
<b>Form Description</b>	
Weekly Automated	Includes the burden incurred by the respondent for sending case notification data to CDC on a weekly basis. Includes automated transmission through National Electronic Telecommunications System for Surveillance (NETSS) messages or Health Level 7 (HL7) electronic messages
Weekly Non-automated	Includes the burden incurred by the respondent for sending case counts to CDC on a weekly basis. Includes electronic non-automated transmission (aggregate data uploads, XML uploads, data entry) and non-electronic, non-automated transmission (aggregate email reports)
Weekly MMG Implementation	Includes the burden incurred by the respondents to implement the guidelines set forth in message mapping guides (MMGs) to standardize the data content needed for automated HL7 electronic case notification messages.
Annual	Includes the burden incurred by the respondent to reconcile the annual case counts and send the reconciled case notification data (automated or non-automated) once per year to CDC.
One time Addition of Diseases and Data Elements	Includes the one-time burden incurred by the respondents to add the data elements to their surveillance system and modify their case notification message. In general, a one-time average burden of 30 minutes is incurred for respondents to add up to 10 additional data elements to their surveillance system and a one-time average burden of 30 minutes is incurred for respondents to modify their electronic case notification message to accommodate up to 10 additional data elements. A one-time average burden of 15 minutes is incurred for respondents to incorporate data for one new disease/condition (with core only and no disease-specific date elements) into their electronic case notification message.

	<b>Burden Per Response for the One-time Addition of <u>One Disease</u></b>	<b>Burden Per Response for the One-time Addition of <u>One Disease</u></b>	
	<b>Alpha Gal</b>	<b>Average Burden Per Response (in hours): One-time Addition of <u>One Disease</u></b>	<b>Average Burden Per Response (in hours): <u>Annualized One-time Addition of One Disease</u></b>
<b>States (50)</b>	15/60	15/60	5/60
<b>Territories (5)</b>	15/60	15/60	5/60
<b>Freely Associated States (3)</b>	15/60	15/60	5/60
<b>Cities (2)</b>	15/60	15/60	5/60

**One Time Burden to Add 1 Disease to NNDSS (Core data elements only)**

Respondents	Number of Respondents	Number of Responses per Respondent	Average Burden Per Response (in hours): One-time Addition of All Diseases	
States	50	1	15/60	
Territories	5	1	15/60	
Freely Associated States	3	1	15/60	
Cities	2	1	15/60	

**Annualized One Time Burden to Add 1 Disease to NNDSS (Core data elements only)**

Respondents	Number of Respondents	Number of Responses per Respondent	Average Burden Per Response (in hours): Annualized One-time Addition of All Diseases	Total Annualized One-Time Burden (in hours)
States	50	1	5/60	4
Territories	5	1	5/60	1
Freely Associated States	3	1	5/60	1
Cities	2	1	5/60	1
Total				

	<b>Alpha Gal (10)</b>	<b>Hepatitis (6)</b>	<b>STD (3)</b>	<b>Cryptosporidiosis (3)</b>	<b>Cyclosporiasis (1)</b>	<b>COVID-19 (1)</b>
<b>States (50)</b>						
<b>Territories (5)</b>						
<b>Freely Associated States (3)</b>						
<b>Cities (2)</b>						

	Burden Per Response for the One-time Addition of Data Elements (24) by Disease	
	Average Burden Per Response (in hours): One-time Addition of All Data Elements	Average Burden Per Response (in hours): <u>Annualized</u> One-time Addition of All Data Elements
States (50)	3	1
Territories (5)	3	1
Freely Associated States (3)	3	1
Cities (2)	3	1

**One-Time Burden to Add 24 Data Elements to NNDSS**

Respondents	Number of Respondents	Number of Responses per Respondent	Average Burden Per Response (in hours): One-time Addition of All Data Elements	
States	50	1	3	
Territories	5	1	3	
Freely Associated States	3	1	3	
Cities	2	1	3	
Total				

**Annualized One-Time Burden to Add 24 Data Elements to NNDSS**

Respondents	Number of Respondents	Number of Responses per Respondent	Average Burden Per Response (in hours): Annualized One-time Addition of All Data Elements	Total Annualized One-Time Burden (in hours)
States	50	1	1	50
Territories	5	1	1	5
Freely Associated States	3	1	1	3
Cities	2	1	1	2
Total				60

**One Time Burden to Add 1 Disease and 24 Data Elements to NNDSS**

Respondents	Number of Respondents	Number of Responses per Respondent	Average Burden Per Response (in hours): One-time Addition of All Diseases and Data Elements	Total One-Time Burden (in hours)
States	50	1	$15/60 + 3 = 4$	200
Territories	5	1	$15/60 + 3 = 4$	20
Freely Associated States	3	1	$15/60 + 3 = 4$	12
Cities	2	1	$15/60 + 3 = 4$	8
Total				

**Annualized One Time Burden to Add 1 Disease and 24 Data Elements to NNDSS**

Respondents	Number of Respondents	Number of Responses per Respondent	Average Burden Per Response (in hours): Annualized One-time Addition of All Diseases and Data Elements	Total Annualized One-Time Burden (in hours)
States	50	1	1	50
Territories	5	1	1	5
Freely Associated States	3	1	1	3
Cities	2	1	1	2
Total				60