

National Notifiable Diseases Surveillance System (NNDSS)

OMB Control Number 0920-0728

Expiration Date: 03/31/2024

Program Contact

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Circumstances of Change Request for OMB 0920-0728

This is a non-substantive change request for OMB No. 0920-0728, expiration date 03/31/2024, for the reporting of Nationally Notifiable Diseases. Information on proposed disease-specific data elements to be added through this non-substantive change request is enumerated in the table below:

Disease Name in NNDSS Collection	Nationally Notifiable (NNC) OR Under Standardized Surveillance (CSS)	Current Case Notification (Y/N)	Proposed Case Notification (Y/N)	Current Disease-specific Data Elements (Y/N)	Proposed Disease-specific Data Elements (Y/N)	Number of Existing Data Elements in NNDSS	Proposed Number of new NNDSS Data Elements
2019 Novel Coronavirus Disease (COVID-19)	NNC			Y		66	3

The National Notifiable Diseases Surveillance System (NNDSS) is the nation’s public health surveillance system that enables all levels of public health (local, state, territorial, federal and international) to monitor the occurrence and spread of the diseases and conditions that CDC and the Council of State and Territorial Epidemiologists (CSTE) officially designate as “nationally notifiable” or as under “standardized surveillance.” The NNDSS program creates the infrastructure for the surveillance system and facilitates the submission and aggregation of case notification data voluntarily submitted to CDC from 60 jurisdictions: public health departments in every U.S. state, New York City, Washington DC, 5 U.S. territories (American Samoa, the Commonwealth of Northern Mariana Islands, Guam, Puerto Rico, and the U.S. Virgin Islands), and 3 freely associated states (Federated States of Micronesia, the Republic of the Marshall Islands, and the Republic of Palau). The NNDSS also facilitates relevant data management, analysis, interpretation and dissemination of the information. The data are used to monitor the occurrence of notifiable conditions and to plan and conduct prevention and control programs at the state, territorial, local and national levels.

This request is for the addition of 3 new disease-specific data elements for COVID-19.

COVID-19			
The impetus/urgency for CDC to add data elements for this condition	<p>Due to the ever-evolving nature of COVID-19, changes to the case definition and changing priorities for some surveillance data have created a need for the COVID-19 Message Mapping Guide (MMG) to be updated frequently.</p> <p>With the introduction of variants and vaccines, new questions arise. The COVID-19 MMG does not currently capture the necessary data elements to answer questions related to COVID reinfection and cannot be easily linked to sequence data. The ability to link full case data with exposures, vaccine information, and symptoms to sequence data will enable CDC scientists to do more robust analyses to answer these questions.</p>		
Data Element Name	Data Element Description	Value Set Code	CDC Priority ¹ (New)
Previously Infected Individual	Did the subject meet the case definition for a previous case investigation of this disease or condition?	Yes No Unknown (YNU)	1
Previously Reported Jurisdiction Case Number	If the subject previously met the case definition for the disease or illness, what was the previously submitted sending system-assigned local ID (case ID) of the case investigation with which the subject is associated?	N/A	1
WGS_ID	Genomic sequencing ID number.	N/A	2

Burden

The burden to add 3 data elements to NNDSS is applicable to all 50 states, 5 territories, 3 freely associated states, and 2 cities. Although not all territories and freely associated states use electronic, automated transmission for their case notifications, it is expected that they will adopt electronic, automated transmission in the next three years. This burden includes the one-time burden incurred by the respondents to add the data elements to their surveillance system and modify their case notification message. A one-time average burden of 1 hour is incurred for respondents to add 3 data elements to their

¹ R=Required; 1=Priority 1, 2=Priority 2, 3=Priority 3

surveillance system and modify their electronic case notification message to accommodate those 3 additional data elements. This one-time burden of 1 hour is noted in the following table:

One-Time Burden to Add 3 Data Elements to NNDSS

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

The total annualized one-time burden is 21 hours (17 hours for states, 2 hours for territories, 1 hour for freely associated states and 1 hour for cities) as noted in the table below.

Annualized One-Time Burden to Add 3 Data Elements to NNDSS

Type of Respondents	Number of Respondents	Number of Responses per Respondent	Average Burden Per Response (in hours): Annualized One-time Addition of 3 Data Elements	Total Annualized One-Time Burden (in hours)
States	50	1	20/60	17
Territories	5	1	20/60	2
Freely Associated States	3	1	20/60	1
Cities	2	1	20/60	1
Total				21

21 hours were added to the existing burden hours in Table A.12A and Table A.12B below.

A.12A. Estimates of Annualized Burden Hours

Type of Respondents	Form Name	Number of Respondents	Number of Responses per Respondent	Average Burden Per Response (in hours)	Total Burden (in hours)
States	Weekly (Automated)	50	52	20/60	867
States	Weekly (Non-automated)	10	52	2	1,040
States	Weekly (NMI Implementation)	50	52	4	10,400
States	Annual	50	1	75	3,750
States	One-time Addition of Diseases and Data Elements	50	1	20/60	767
Territories	Weekly (Automated)	5	52	20/60	87
Territories	Weekly, Quarterly (Non-automated)	5	56	20/60	93
Territories	Weekly (NMI Implementation)	5	52	4	1,040
Territories	Annual	5	1	5	25
Territories	One-time Addition of Diseases and Data Elements	5	1	20/60	77
Freely Associated States	Weekly (Automated)	3	52	20/60	52
Freely Associated States	Weekly, Quarterly (Non-automated)	3	56	20/60	56
Freely Associated States	Annual	3	1	5	15
Freely Associated States	One-time Addition of Diseases and Data Elements	3	1	20/60	46
Cities	Weekly (Automated)	2	52	20/60	35
Cities	Weekly (Non-automated)	2	52	2	208
Cities	Weekly (NMI Implementation)	2	52	4	416
Cities	Annual	2	1	75	150

Cities	One-time Addition of Diseases and Data Elements	2	1	20/60	31
Total					19,155

A.12B. Estimates of Annualized Cost Burden

Type of Respondents	Form Name	Number of Respondents	Number of Responses per Respondent	Average Burden Per Response (in hours)	Total Burden Hours	Hourly Wage Rate	Respondent Cost
States	Weekly (Automated)	50	52	20/60	867	\$46.23	\$40,081
States	Weekly (Non-automated)	10	52	2	1,040	\$37.64	\$39,146
States	Weekly (NMI Implementation)	50	52	4	10,400	\$46.23	\$480,792
States	Annual	50	1	75	3,750	\$37.64	\$141,150
States	One-time Addition of Diseases and Data Elements	50	1	20/60	767	\$46.23	\$35,458
Territories	Weekly (Automated)	5	52	20/60	87	\$46.23	\$4,022
Territories	Weekly, Quarterly (Non-automated)	5	56	20/60	93	\$37.64	\$3,501
Territories	Weekly (NMI Implementation)	5	52	4	1,040	\$46.23	\$48,079
Territories	Annual	5	1	5	25	\$37.64	\$941
Territories	One-time Addition of Diseases and Data Elements	5	1	20/60	77	\$46.23	\$3,560
Freely Associated States	Weekly (Automated)	3	52	20/60	52	\$46.23	\$2,404
Freely Associated States	Weekly, Quarterly (Non-automated)	3	56	20/60	56	\$37.64	\$2,108
Freely Associated States	Annual	3	1	5	15	\$37.64	\$565
Freely Associated States	One-time Addition of Diseases and Data Elements	3	1	20/60	46	\$46.23	\$2,127
Cities	Weekly (Automated)	2	52	20/60	35	\$46.23	\$1,618
Cities	Weekly (Non-	2	52	2	208	\$37.64	\$7,829

	automated)						
Cities	Weekly (NMI Implementation)	2	52	4	416	\$46.23	\$19,232
Cities	Annual	2	1	75	150	\$37.64	\$5,646
Cities	One-time Addition of Diseases and Data Elements	2	1	20/60	31	\$46.23	\$1,433
Total							\$839,692