**National Notifiable Diseases Surveillance System (NNDSS)**

**OMB Control Number 0920-0728**

**Expiration Date: 03/31/2024**

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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 | 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.  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. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Data Element Name** | | **Data Element Description** | **Value Set Code** | **CDC Priority [[1]](#footnote-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 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-automated) | 2 | 52 | 2 | 208 | $37.64 | $7,829 |
| 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** |

1. R=Required; 1=Priority 1, 2=Priority 2, 3=Priority 3 [↑](#footnote-ref-1)