As part of the 21st Century Cures Act, Congress authorized the Centers for Disease Control and Prevention (CDC) to develop a National Neurological Conditions Surveillance System (NNCSS) that provides useful estimates of neurological conditions in the United States. CDC will use existing data and emerging tools to create efficient, reusable processes and models that can be applied to multiple conditions to provide disease-specific surveillance information. As a starting point, Fiscal Year 2019 activities focus on incidence and prevalence for multiple sclerosis (MS) and Parkinson’s disease (PD).

**Inputs**
- Actual and anticipated resources, material and intellectual
- Support from Congress, states, stakeholder organizations, and the public
- CDC leadership and commitment
- Active and sustained collaboration with stakeholder organizations
- Access to diverse subject matter expertise, internal and external to CDC
- Human and fiscal resources dedicated to this work
- Existing technical capabilities and infrastructure Agency-wide
- Access to key data resources, internal and external

**Activities**
- Demonstration project to estimate incidence and prevalence for multiple sclerosis (MS) and Parkinson’s disease (PD)
  - Summarize knowledge on case definitions for MS and PD
  - Summarize previous work on incidence and prevalence
  - Identify and summarize existing data that can be used to calculate incidence and prevalence (i.e., data already in-house or easily obtained)
  - Prepare explanation of options to calculate incidence and prevalence for discussion with stakeholders
  - Calculate initial estimates of prevalence, and perhaps incidence, based on work completed above
  - Explain these estimates in a format suitable to stakeholders

**Outcomes**
- Intended benefits or changes specific to MS and PD surveillance
  - Better understand challenges and information needs specific to MS and PD
  - Estimates of incidence and prevalence

- Intended benefits or changes relevant to neurological conditions surveillance
  - Improved knowledge and experience relevant to neurological conditions surveillance
  - Continued innovation in surveillance for neurological conditions

- Intended benefits or changes relevant to CDC’s practices
  - Expanded Data Hub utility for public health surveillance
  - Expanded cross-functional collaboration under the Public Health Surveillance Strategy

- Intended benefits or changes relevant to collaboration with stakeholder organizations
  - Strengthened collaboration among stakeholder organizations (government and non-government) to support NNCSS
  - Stakeholder organizations and public use estimates to improve awareness and support

**Engage and listen to representatives of diverse stakeholder organizations**
- Document demonstration project processes and outcomes
  - Document and explain work completed and products delivered
  - Capture lessons learned to support work on these and other neurological conditions
  - Articulate options to derive estimates for MS and PD
  - Recommend immediate and longer-term activities based on achievements and challenges

**Disseminate work completed to relevant stakeholders via appropriate channels**

1. Checklist of key considerations for development of program logic models. [Link](https://wmich.edu/evaluation/checklists)