



WHY IIS + EDSS MATTERS

Immunization Information Systems paired with Electronic Disease Surveillance Systems gives public health teams the power tool to track and prevent diseases

By integrating EDSS and IIS into a single pane of glass, policy makers can gather insights on vaccine efficacy, vaccine breakthroughs, case rates, deaths by vaccination status, and other critical topics. But it's about more than tracking trends in communicable diseases and managing vaccine preventable diseases: it's about making sure that two vitally important systems can talk to each other to give public health organizations the information they need to develop policies to protect the public.

AT A GLANCE

Technology is at the heart of every public health agency and organization in the United States, but it can be difficult to get an accurate picture of how new tools are being evaluated, deployed, and used. Two of the main approaches to leveraging data to improve outcomes are Immunization Information Systems (IIS) and Electronic Disease Surveillance Systems (EDSS), which often function in concert with each other to empower public health decision makers to develop effective policies to track and manage the spread of communicable illnesses. Here are some of the recent findings from an SSG poll of public health officials to determine how these approaches are being rolled out in the field.

100%

Jurisdictions working on systems modernization

50%

Jurisdictions talking about interoperability between EDSS and IIS

100%

Jurisdictions that have experienced challenges with matching logic and duplicates in the past within their systems

The importance of this approach became obvious during the COVID-19 pandemic. According to the National Governors Association, there was a **10-fold increase** in submissions and queries to IISs during the pandemic.

86.8% of public health organizations that use IIS relied on these systems to support patient look-up and vaccine tracking for mass vaccination

77.4% used IIS to conduct emergency preparedness activities

64.2% provided Healthcare Effectiveness Data and Information Set (HEDIS) reports to health plans

