

Current Landscape of Disease Surveillance Systems in the US

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Who are we?

Public Health
Informatics
Consulting
Company

Founded in 1997

We help public
health solve
informatics
problems

We don't sell
software

We did this
assessment
because we saw a
need

Nobody paid us to
do this work

Background

- DMI has put focus on the need for STLTs to modernize their data infrastructure, including the systems they use for disease surveillance
- Many agencies are in the process of assessing their systems and creating plans for modernization
- We have seen an increased interest in ‘knowing what’s out there’ in the disease surveillance system space

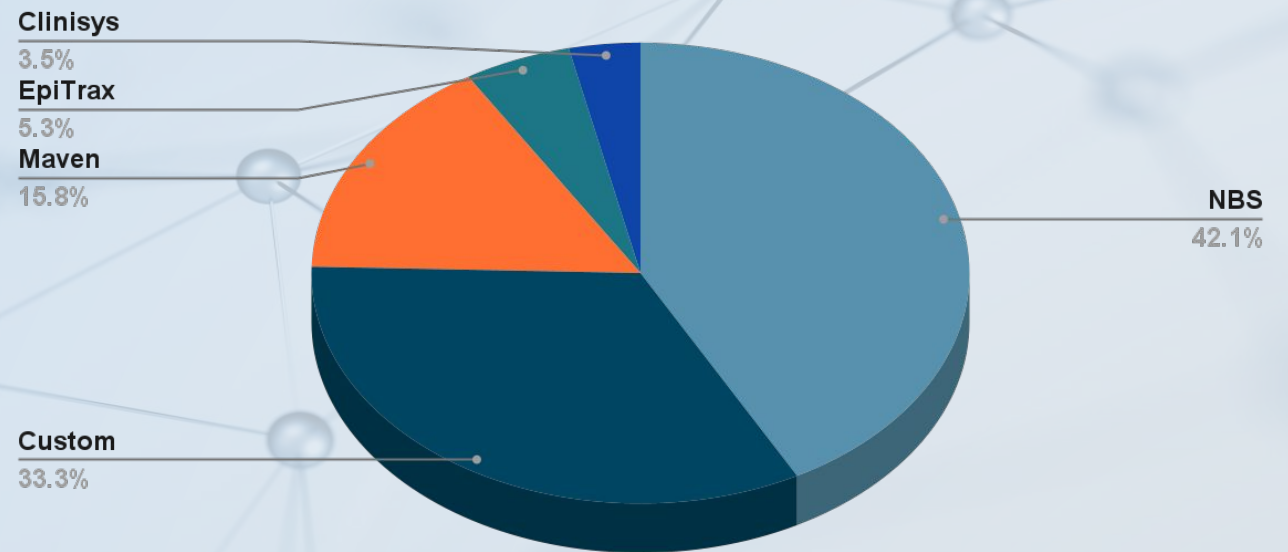
Method

- Review of known sources and websites
- Conversations with disease surveillance system owners and managers
- Reviewing ongoing procurements, such as RFIs and RFPs
- Continuously keeping track of what STLTs are doing
- Using information on public web-sites

Findings - State & Territorial Implementations

System	Implementations
<i>NBS</i>	24
<i>Custom</i>	19
<i>Maven</i>	9
<i>EpiTrax</i>	3
<i>Clinisys</i>	2

System Market Share



Local public health have their own systems or sharing systems with the states

Findings - System Age

- Majority of systems in use are over 15 years old
- Updated over time, but core technologies are not modern

System	Age (Y)
NBS	23
Maven	22
EpiTrax	17
Clinsys	20

*) Age is calculated using the year of the first implementation

Findings - Modernization Efforts

- Since COVID, 14 State PHAs have undertaken modernization efforts in the form of RFIs or RFPs
 - 5 States currently undertaking active implementations of new systems
 - 5 States cancelled RFPs or cancelled efforts to implement new systems
- No singular system identified as most viable modernization platform.
- Half of states are attempting to move away from Custom or Home Grown systems

Findings: what's changing

- NBS and EpiTrax is currently being modernized and re-built to be cloud solutions.
- Salesforce configuration exists and in use in one large jurisdiction
- One agency is in process of implementing Casetivity
- Efforts to identify new systems and solutions

Findings: what are we hearing?

- The systems all share a set of key requirements
- Nobody wants to be the first.
- Concerns about the existing vendors ability to support the implementations
- Concerns about the older systems being sustainable into the future

Thank you!

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