

## ***NEDSS Base System Fact Sheet***

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What is the Base System vision?

- v “For those states that choose to use a CDC-developed option, the NEDSS Base System is a platform upon which many public health surveillance systems, processes, and data can be integrated in a secure environment.”

What is the Base System?

- v Platform to support state notifiable disease surveillance and analysis activities
- v Successor of NETSS
- v A modular system (states may use all or part of the Base System)

What the Base System is *not*:

- v NEDSS
- v Complete NEDSS solution
- v The integrated disease surveillance system for all states

What will the Base System do?

- v Support state and local surveillance activities, such as data entry of core demographic (CDM) and notifiable disease (NNDM) data via Web-based modules
- v Provide seamless view and management of cross program data to authorized users via selected program area modules (PAMs); PAMs will also integrate program area data with demographic and notifiable disease data
- v Support the storage and maintenance of data in an integrated database at the state level
- v Provide access to specific commercial off-the-shelf (COTS) products to support data analysis and visualization activities related to NEDSS and electronic exchange of laboratory, clinical, and epidemiologic data between the state and other providers/laboratories (dependent on licensing agreements)

What are modules?

- v NEDSS software modules are individually packaged functional units that work together as an integrated package.
- v Some NEDSS modules have been classified as core, such as Core Demographic modules and Nationally Notifiable Disease Modules. Core modules handle information that is important and common to all programs. PAMs support the collection and management of information relevant to a particular disease program. For example, specific questions related to Hepatitis would be managed in the Hepatitis program area module

What are the technical components of the Base System architecture?

- v Web-based modules, and screens for data entry and management of demographic and notifiable disease data
- v Web application server (SilverStream) to support the functionality of the Web-based modules

- v Integrated data repository to support management and storage of data across programs (database management system supplied by the state)
- v Messaging software tool (E-Link executable) to support messaging and electronic data interchange between states and the CDC; may support transmission of lab results from multi-jurisdictional labs to state health department.
- v Security using existing state infrastructure or a CDC provided intranet-oriented authentication and authorization system

When will it be fielded?

- v The Base System will be available for pilot testing in June 2001; several months after the pilot test a wider beta release will be available