

# **NBS Communicable Disease Reporter Training**

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# Why A New System?

## Indiana Current State

- ISDH a risk of not meeting upcoming requirements
  - New CDC required reporting process and data elements for all conditions
  - New requirement to transfer health information via electronic health records (HER) from physicians to ISDH
- I-NEDSS unable to meet these requirements
  - 70% of states could

# How are Other States Meeting Requirements

- They use one of two systems
  - A commercial vendor system – 12 states
  - CDC NEDSS (National Electronic Disease Surveillance System (NEDSS) Base System (NBS) – 22 states
- All other states are on either a custom built system similar to I-NEDSS or work with a small vendor

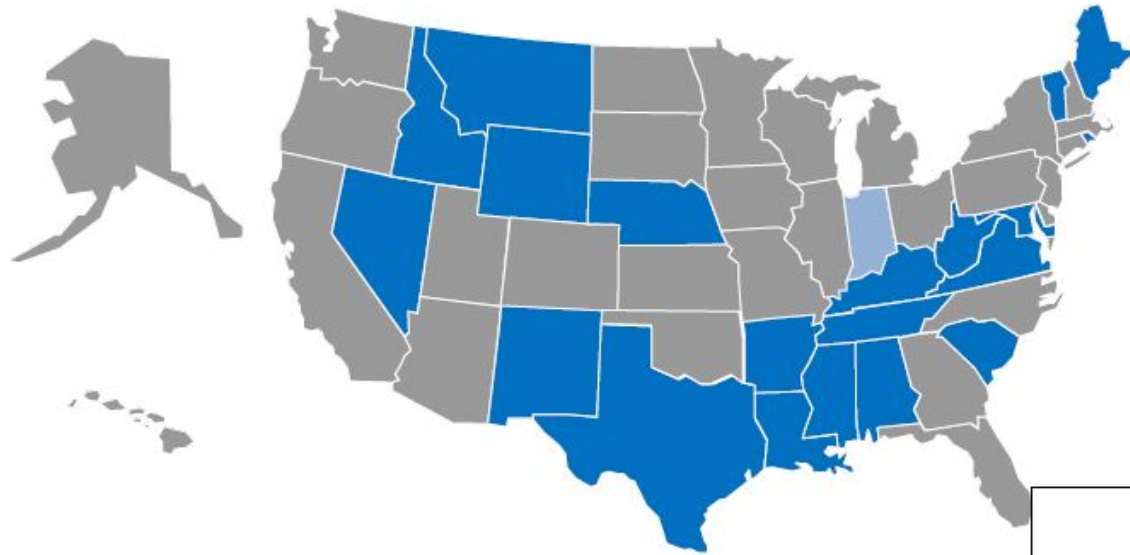
# Why NBS?

- It was not cost effective to continue running three separate systems
  - I-NEDSS
  - TB-Forms
  - STD-SWIMSS
- The core application is at least 10 years old
- Newer functionality is available in other systems
- It is less expensive to replace than recreate

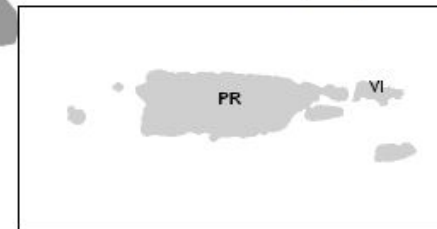
# Why NBS?

- **Cost** – low up-front costs
- **Time** – shorter implementation time
- **Data** – open data structure means we will not have to pay for access to our data in the future
- **Sustainability** – low recurring costs
- **Public Health Surveillance** – a large community of practice

# Who is in the NBS Community?



■ NBS (22)



The NBS is currently used by 22 of the 57 (39%) public health reporting jurisdictions

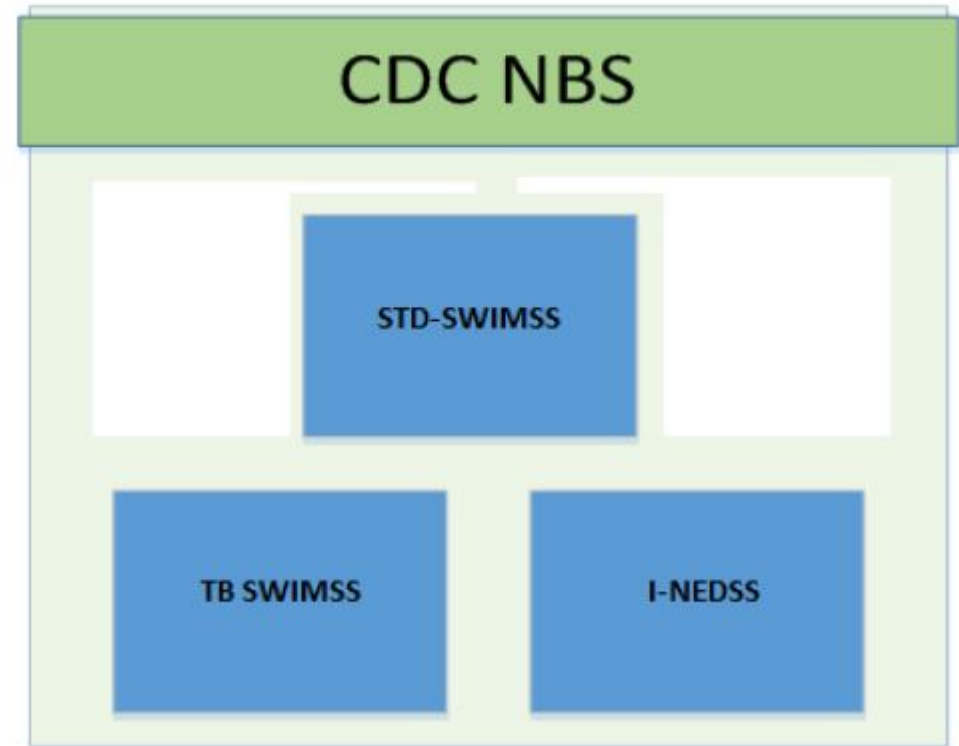
\* Five States for STD Reporting

# Today vs. Next Year

2018

- Today – Three Separate Systems
  - STD-SWIMSS
  - TB-SWIMSS
  - I-NEDSS

2019



# Go-Live

- ISDH will transition to NBS on Jan. 1, 2019
- I-NEDSS will remain accessible through data closeout in March 2019
- All new investigations will be completed in NBS starting on Jan. 1
- Investigations remaining in I-NEDSS should be completed and submitted in I-NEDSS



# NBS Tips

- Always search using “Patient Search” NOT “Data Entry”
- Session will time out after 15 minutes of no activity
- Data is not saved until “submit” button is pushed
- Do not use the Internet Browser “back” button
- Morbidity Report=CDR
- Blue lettering = hyperlinks to help you navigate the system

# Patient Screen

## I-NEDSS

Patient's Reports | Patient Notes

Reports for I'M BATMAN.

Grid Options:

**Communicable Disease Reports (1)**

INEDSS ID	Report Date	Condition	County	Reviewed
480912	6/15/2017	Hepatitis C	Hendricks	

Show rows: 10 Page 1 of 1

Grid Options:

**Lab Reports (1)**

INEDSS ID	Date of collection	Condition	Test Name	County	Reviewed
480911	6/15/2017	Hepatitis C	RNA	Hendricks	

Show rows: 10 Page 1 of 1

Grid Options:

**Case Investigations (1)**

INEDSS ID	Start Date	Condition	County	Submitted	Reviewed	Condition Status	Case Status
2017HEPC1	6/20/2017	Hepatitis C	Hendricks			Suspect	Open

Show rows: 10 Page 1 of 1

## NBS

Home | Data Entry | Open Investigations | Reports |

**Patient File**

I'm Batman | Male | 01/01/1991 (26 Years)

Summary | Events | Demographics

Go to: [Investigations](#) | [Lab Reports](#) | [Morbidity Reports](#) | [Vaccinations](#) | [Treatments](#) | [Documents](#) | [Contact Records](#)

**Patient Events History**

**Investigations (1)**

Start Date	Status	Condition	Case Status	Notif
04/24/2017	Open	Hepatitis C Virus Infection, past or present	Confirmed	APPF

**Lab Reports (2)**

Date Received	Reporting Facility/Provider	Date Collected	Test Results
05/25/2017 12:00 AM	Reporting Facility: stevens lab	No Date	Hepatitis C virus ( abnormal
06/19/2017 12:00 AM	Reporting Facility: Smith Hospital	06/15/2017	Hepatitis C virus ( reactive

**Morbidity Reports (1)**

Date Received	Provider	Report Date	Condition
06/19/2017 1:54 PM		06/17/2017	Hepatitis C \ Hepatitis C \ reactive - (Fir

# NBS DEMO



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