ASTHO Meaningful Use Readiness Survey
Survey distributed in mid-November and is still in field

Distributed to Senior Deputies

48 respondents (46 states, 1 territory, District of Columbia)

It is expected that the first Medicare providers that adopt EHRs will expect to test data with public health by April 2011 to receive their incentive
Findings

- Respondents are more likely to be planning to be prepared for ELR and immunization rather than syndromic surveillance.

- Some respondents stated they need implementation guides for ELR and syndromic surveillance.

- A few respondents mentioned that they may have the technical capability to receive messages, but are concerned about the capacity to deal with an influx of providers who plan to send data.

- Lack of funding, lack of flexibility with current funding and uncertainty about meaningful use requirements were cited as the top 3 barriers to readiness.
Findings – Ready by April?

- 38 respondents (79%) plan to have their Electronic Lab Reporting system ready by April 2011

- 41 respondents (85%) plan to have their Immunization Information system ready by April 2011

- 25 respondents (52%) plan to have their Syndromic Surveillance system ready by April 2011
Which public health information systems are you planning to prepare for meaningful use?

<table>
<thead>
<tr>
<th>System</th>
<th>Currently prepared</th>
<th>Planning to be prepared</th>
<th>Not planning to be prepared</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reportable Lab Results (for</td>
<td>20</td>
<td>24</td>
<td>1</td>
</tr>
<tr>
<td>reportable disease information from</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>hospitals)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunization Information Systems</td>
<td>21</td>
<td>24</td>
<td>0</td>
</tr>
<tr>
<td>Syndromic Surveillance System</td>
<td>19</td>
<td>11</td>
<td>14</td>
</tr>
</tbody>
</table>
Is your electronic laboratory test reporting system currently prepared or are you planning to be prepared to receive lab results in HL7 2.5.1 and LOINC Codes in version 2.27 for reportable diseases?

![Bar chart showing preparedness levels for HL7 v2.5.1 and LOINC Codes v2.27](chart.png)
Is your immunization information system currently prepared or are you planning to be prepared to receive immunization data submissions in HL7 2.3.1 or 2.5.1 and CVX codes?
In which HL7 format will your syndromic surveillance system receive messages?

<table>
<thead>
<tr>
<th>HL7</th>
<th>Currently prepared</th>
<th>Planning to be prepared</th>
<th>Not planning to be prepared</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.3.1</td>
<td>20</td>
<td>13</td>
<td>15</td>
</tr>
<tr>
<td>2.5.1</td>
<td>19</td>
<td>12</td>
<td>17</td>
</tr>
</tbody>
</table>

(astho™)
When will your agency be ready to receive test messages?

- **Electronic Lab Reporting System (for reportable disease information)**
  - Ready Now: 24
  - January 2011: 4
  - April 2011: 10
  - 2012: 5
  - 2013: 5
  - Unknown: 0

- **Immunization Information System**
  - Ready Now: 26
  - January 2011: 3
  - April 2011: 12
  - 2012: 6
  - 2013: 1
  - Unknown: 0

- **Syndromic Surveillance System**
  - Ready Now: 15
  - January 2011: 3
  - April 2011: 7
  - 2012: 2
  - 2013: 0
  - Unknown: 0

*Source: astho™*
Please describe any barriers in preparing your agency for meaningful use?

- Lack of Funding: 37
- Lack of flexibility with current funding: 26
- Lack of technical expertise: 17
- Lack of guidance from federal agencies: 16
- Uncertainty about Meaningful Use requirements: 18
- Other: 13
- None: 0
What type of technical assistance would you like from CDC?

- Direct technical assistance: 26
- Onsite technical support: 13
- Guidance documents: 40
- Education and training: 31
- Collaboration tools (e.g.): 28
- None: 3
- Other (please describe): 7
Comments about receiving test messages

- States need finalized syndromic surveillance guidance

- While states have the technical capability to receive messages, they will need more staff to support the large influx of providers

- Respondents unsure about the number of providers planning to send test messages

- “Syndromic surveillance is a lower priority given limited funding”
Selected comments about messaging standards and code sets

- Multiple respondents need syndromic surveillance guidance

- Multiple respondents need an implementation guide for electronic lab reporting—HL7 v2.5.1

- “Updating our (ELR) infrastructure to meet 2.5.1 will cost over $100K including re-certification. Updating from 2.3.1 to 2.5.1 will not provide any real benefit to us as the Public Health Department.”
Questions?

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