# LIS DATA USE ASSESSMENT TOOL

1. Are you a user of data from the laboratory?  
   - Yes  
   - No

2. If yes, what type of data do you use?  
   - Lab test results by test  
   - Lab QA/QC results  
   - Patient results  
   - Aggregate data on number and types of tests  
   - Data on workload of laboratory staff  
   - Data on laboratory supplies used and new stock required  
   - Number of cases identified  
   - EQA  
   - Turn around time  
   - Other

3. Thinking about these data, please indicate the ways you use these data  
   - Verification of results, completeness of testing, cross-checking results as well as checking results against what was requested  
   - Validation of results, verification of results  
   - Review results for all tests requested on a patient to assess completeness. Clarify that this is about report. Authorization of results/report  
   - *Make decisions about patient’s treatment. Lab could use the data to determine statistics, determine turnaround time, to monitor quality indicators  
   - Make decisions about re-organizing workload for staff  
   - Order supplies/kits. Forecast supplies based on the numbers and consumption  
   - Make policy decisions for the laboratory  
   - Overall performance in laboratory  
   - Use laboratory data to demonstrate success or failure of programs - too vague/ambiguous. Advocate for funding. Monitor success of treatment. Determine prevalence rates in surveillance studies  
   - Make decisions about expanding laboratory clients or test menus/testing capacity

4. Thinking of these data, are they provided to you from the LIS?  
   - Yes  
   - No

5. If no, if you wish to request these data from the LIS, can you do so yourself? Or do you have a point of contact for this request?  
   - Extract data myself  
   - Request from point of contact
<table>
<thead>
<tr>
<th></th>
<th>Again, thinking about these same data, do you receive them printed from the LIS, handwritten, or both?</th>
<th>Printed</th>
<th>Handwritten</th>
<th>Combination</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Are there any additional data available from the LIS that are not mentioned above?</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>8</td>
<td>If yes, what type of data from the LIS would be most beneficial to you?</td>
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<td>9</td>
<td>Do you consider data you currently receive from the LIS to be useful when making decisions regarding data quality? Relate this to what is written on the report. E.g reference ranges on report tell you if it’s out of range.</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>10</td>
<td>Do you believe you can use the data you currently receive from the LIS to make decisions that impact programs and/or services (can they use data to improve lab services)?</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>11</td>
<td>Do you believe you can use the data you currently receive from the LIS to demonstrate the impact of programs and/or services (is data easily accessible, analyzable, can it be aggregated)</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>12</td>
<td>In your opinion, are there any barriers that are preventing you from using the data you have listed above</td>
<td>Yes</td>
<td>No</td>
<td></td>
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<tr>
<td>13</td>
<td>If yes, what are these? Insufficient data, Data not of appropriate format, Data is not answering the questions I am asking, My organization does not encourage use of LIS data, I do not know where to go/who to ask to get what I need, I don’t know enough about the LIS to have expectations in terms of data</td>
<td></td>
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<tr>
<td>14</td>
<td>Do you have suggestions for improvements for the LIS?</td>
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<td>15</td>
<td>What is your role within the organization?</td>
<td>Laboratory Technician, Data entry staff, Laboratory Manager, Laboratory Director, Doctor, Nurse, Medical Director of hospital</td>
<td></td>
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</tr>
</tbody>
</table>
Association of Public Health Laboratories

The Association of Public Health Laboratories (APHL) works to strengthen laboratory systems serving the public’s health in the US and globally. APHL's member laboratories protect the public’s health by monitoring and detecting infectious and foodborne diseases, environmental contaminants, terrorist agents, genetic disorders in newborns and other diverse health threats.

This project was 100% funded with federal funds and was supported by Cooperative Agreements #6NU2GGH001097 and #GH001993 from the US Centers for Disease Control and Prevention (CDC). Its contents are solely the responsibility of the authors and do not necessarily represent the official views of CDC or the Department of Health and Human Services.