



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	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	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		

6	Again, thinking about these same data, do you receive them printed from the LIS, handwritten, or both?		Printed		Handwritten		Combination		
7	Are there any additional data available from the LIS that are not mentioned above?				Yes		No		
8	If yes, what type of data from the LIS would be most beneficial to you?								
9	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.				Yes		No		
10	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)				Yes		No		
11	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)				Yes		No		
12	In your opinion, are there any barriers that are preventing you from using the data you have listed above				Yes		No		
13	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		
14	Do you have suggestions for improvements for the LIS?								
15	What is your role within the organization		Laboratory Technician	Data entry staff	Laboratory Manager	Laboratory Director	Doctor	Nurse	Medical Director of hospital

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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.



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