

Appendix C - Scoring Matrix

PERFORMANCE										
Essential Public Health Service:										
	1	2	3	4	5	6	7	8	9	10
Optimal Activity	83.4	89.0								
Significant Activity			67.0				67.0	61.2		
Moderate Activity				33.0	30.3	44.3			50.0	
Minimal Activity										16.7
No Activity										

Essential Service #1: Monitor Health Status		Essential Service #2: Diagnose & Investigate	
1.1 Surveillance Information Systems	100.0	2.1 State of the Art Testing	100.0
1.2 Monitoring Health Status	66.8	2.2 Collaboration & Networks	100.0
		2.3 Continuity of Operations	67.0
Essential Service #3: Inform, Educate & Empower		Essential Service #4: Mobilize Partnerships	
3.1 Outreach & Communication	67.0	4.1 Constituency Development	33.0
3.2 Public Information	67.0	4.2 Communication	33.0
3.3 Education	67.0	4.3 Resources	33.0
Essential Service #5: Develop Policies & Plans		Essential Service #6: Enforce Laws & Regulations	
5.1 Role in Policy Making	50.0	6.1 Revision of Laws & Regulations	5.0
5.2 Partnerships in Planning	36.0	6.2 Encourage Compliance	83.5
5.3 Dissemination & Evaluation	5.0		

Essential Service #7: Link People to Services

7.1 Availability of Lab Services	67.0
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Essential Service #9: Evaluation of Effectiveness

9.1 System Mission & Purpose	67.0
9.2 System Effectiveness	50.0
9.3 System Collaboration	33.0

Essential Service #8: Competent Workforce

8.1 Workforce Competencies	83.5
8.2 Staff Development	67.0
8.3 Assuring Workforce	33.0

Essential Service #10: Research

10.1 Planning & Financing	19.0
10.2 Implementation & Dissemination	14.3

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Essential Service #1: Monitor health status to identify health problems

		System Performance			
		Weight	Eval.	Calc Factor	SCORE
1.1 Surveillance Information System					
1.1.1	The LPH Laboratory System identifies sentinel health events and trends through interoperable laboratory information systems.	33.33	4	1	33.3
1.1.2	The LPH Laboratory System participates in national surveillance systems for state and national linkage	33.33	4	1	33.3
1.1.3	LPH Laboratory System partners collaborate to strengthen surveillance systems	33.33	4	1	33.3
Total ESPH 1.1		100.0			
1.2 Monitoring of Community Health Status					
1.2.1	The LPH Laboratory System has a comprehensive system to gather data, organisms and samples to support evaluating community and environmental health	25	3	0.67	16.8
1.2.2	The LPH Laboratory System identifies and detects infectious diseases and contributes to a statewide surveillance system	25	4	1	25.0
1.2.4	The LPH Laboratory System generates reliable information about chronic diseases of public health significance	25	2	0.33	8.3
1.2.5	LPH Laboratory System has a secure, accountable and integrated information management system for data storage, analysis, retrieval, reporting and exchange	25	3	0.67	16.8
Total ESPH 1.2		66.8			
ESPH #1 Aggregate Score		83.4			

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Essential Service #2: Diagnose and investigate health problems and health hazards in the community

		Weight	System Performance		
			Evaluation	Calc Factor	SCORE
2.1 Appropriate State of the Art Testing					
2.1.1	The LPH Laboratory System assures provision of services at the highest level of quality to assist in the diagnosis and investigation of all health problems and hazards	100	4	1	100.0
Total ESPH 2.1		100.0			
2.2 Collaboration and Networks					
2.2.1	LPH Laboratory System members are actively involved in networks that collaborate in the epidemiological investigation of and response to natural and man-made disasters	100	4	1	100.0
Total ESPH 2.2		100.0			
2.3 Continuity of Operations Plan and Surge Capacity					
2.3.1	LPH Laboratory System has the ability to respond rapidly to medical and public health emergencies	100	3	0.67	67.0
Total ESPH 2.3		67.0			
ESPH #2 Aggregate Score		89.0			

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Essential Service #3: Inform, educate, and empower people about health issues

		System Performance			
		Weight	Evaluation	Calc Factor	SCORE
3.1 Outreach & Communication with Partners					
3.1.1	The LPH Laboratory System has an identified system of outreach and communication to inform about relevant health issues	100	3	0.67	67.0
Total ESPH 3.1		67.0			
3.2 Information & Social Marketing					
3.2.1	LPH Laboratory System creates and delivers targeted laboratory information to appropriate health partners	50	3	0.67	33.5
3.2.2	LPH Laboratory System creates and delivers targeted laboratory information to appropriate non-health partners	50	3	0.67	33.5
Total ESPH 3.2		67.0			
3.3 Education					
3.3.1	Education and relationship building opportunities are employed to mobilize community partners	100	3	0.67	67.0
Total ESPH 3.3		67.0			
ESPH #3 Aggregate Score		67.0			

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Essential Service #4: Mobilize community partnerships to identify & solve health problems

		System Performance			
		Weight	Evaluation	Calc Factor	SCORE
4.1 Constituency Development					
4.1.1	Partners in the LPH Laboratory System develop and maintain positive relationships with each other and with other key organizations	100	2	0.33	33.0
Total ESPH 4.1		33.0			
4.2 Communication					
4.2.1	The LPH Laboratory System communication plan is fully integrated with partners' and collaborators' communication plans	50	2	0.33	16.5
4.2.2	The LPH Laboratory System communicates effectively in a regular, timely, accurate way to support collaboration	50	2	0.33	16.5
Total ESPH 4.2		33.0			
4.3 Education					
4.3.1	LPH Laboratory System works together to share existing resources and/or to identify new resources (e.g. funding, personnel, tools) to assist in identifying and solving health issues	100	2	0.33	33.0
Total ESPH 4.3		33.0			
ESPH #4 Aggregate Score		33.0			

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Essential Service #5: Develop policies & plans that support individual & community health efforts

		System Performance			
		Weight	Evaluation	Calc Factor	SCORE
5.1 Role in Laboratory Related Policy Making					
5.1.1	LPH Laboratory and system partners contribute their expertise and resources to inform and influence policy	50	3	0.67	33.5
5.1.2	Policies and plans are informed by science and data	50	2	0.33	16.5
Total ESPH 5.1		50.0			
5.2 Partnerships in Public Health Planning					
5.2.1	The LPH Laboratory System obtains input from diverse partners and constituencies to develop new policies and plans and modify existing ones	50	3	0.67	33.5
5.2.2	LPH Laboratory System issues are represented in state-level plans and policies	50	1	0.05	2.5
Total ESPH 5.2		36.0			
5.3 Dissemination & Evaluation					
5.3.1	Plans and policies are widely disseminated to inform members of the LPH Laboratory System, other stakeholders and the public	50	1	0.05	2.5
5.3.2	Plans and policies are routinely evaluated and updated	50	1	0.05	2.5
Total ESPH 5.3		5.0			
ESPH #5 Aggregate Score		30.3			

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Essential Service #6: Enforce laws and regulations that protect health and ensure safety

		System Performance			
		Weight	Evaluation	Calc Factor	SCORE
6.1 Revision of Laws and Regulations					
6.1.1	The LPH Laboratory System regularly and periodically reviews and recommends revisions of federal and State laws and regulations pertaining to laboratory practice	100	1	0.05	5.0
Total ESPH 6.1		5.0			
6.2 Encourage Compliance					
6.2.1	The LPH Laboratory System has non-regulatory systems in place to encourage or promote compliance by laboratories in the system with all applicable State and federal regulations	50	3	0.67	33.5
6.2.2	The LPH Laboratory complies with and exceeds all applicable regulations	50	4	1	50.0
Total ESPH 6.2		83.5			
ESPH #6 Aggregate Score		44.3			

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Essential Service #7: Link people to needed health services & assure provision of healthcare when unavailable

		System Performance			
		Weight	Evaluation	Calc Factor	SCORE
7.1 Availability of Laboratory Services					
7.1.1	The LPH Laboratory System identifies laboratory service needs and collaborates to fill gaps	100	3	0.67	67.0
Total ESPH 7.1		67.0			
ESPH #7 Aggregate Score		67.0			

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Essential Service #8: Assure a competent public health and personal health care workforce

		Weight	System Performance		SCORE
			Evaluation	Calc Factor	
8.1 Workforce Competencies					
8.1.1	Position requirements for all laboratory position categories within state and local public health laboratories are identified	50	4	1	50.0
8.1.2	The LPH Laboratory System has tools to assess competencies of the workforce	50	3	0.67	33.5
Total ESPH 8.1		83.5			
8.2 Staff Development					
8.2.1	The LPH Laboratory System identifies staff development needs	50	3	0.67	33.5
8.2.2	The LPH Laboratory System assures that resources for staff development are available for laboratorians	50	3	0.67	33.5
Total ESPH 8.2		67.0			
8.3 Assuring Laboratory Workforce					
8.3.1	The LPH Laboratory System maintains an environment that attracts and retains exceptional staff	50	2	0.33	16.5
8.3.2	The LPH Laboratory System addresses workforce shortage issues	50	2	0.33	16.5
Total ESPH 8.3		33.0			
ESPH #8 Aggregate Score		61.2			

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Essential Service #9: Evaluate effectiveness, accessibility, and quality of personal and population-based services

		System Performance			
		Weight	Evaluation	Calc Factor	SCORE
9.1 System Mission & Purpose					
9.1.1	The LPH Laboratory System mission, purpose and range of services are evaluated on a regular basis	50	3	0.67	33.5
9.1.2	The range of technologies in use by the LPH Laboratory System is periodically surveyed and evaluated, with objective reports shared across the LPH Laboratory System	50	3	0.67	33.5
Total ESPH 9.1		67.0			
9.2 System Effectiveness, Quality and Consumer Satisfaction					
9.2.1	The effectiveness of personal and population-based laboratory services provided throughout the state is regularly determined.	50	3	0.67	33.5
9.2.2	The quality of personal and population-based laboratory services provided throughout the state is regularly determined	50	2	0.33	16.5
Total ESPH 9.2		50.0			
9.3 LPH Laboratory System Collaboration					
9.3.1	The level and utility of collaboration among members of the LPH Laboratory System is measured and shared	100	2	0.33	33.0
Total ESPH 9.3		33.0			
ESPH #9 Aggregate Score		50.0			

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Essential Service #10: Research for insights and innovative solutions to health problems

		System Performance			
		Weight	Evaluation	Calc Factor	SCORE
10.1 Planning					
10.1.1	The LPH Laboratory System has adequate capacity to plan research and improvement activities	50	2	0.33	16.5
10.1.2	The LPH Laboratory System collaborates to finance research activities	50	1	0.05	2.5
Total ESPH 10.1		19.0			
10.2 Implementation, Evaluation and Dissemination					
10.2.1	LPH Laboratory System processes draw on diverse perspectives and expertise to stimulate innovative thinking	33.33	1	0.05	1.7
10.2.2	The LPH Laboratory System research is evaluated to foster improvement and innovation	33.33	1	0.05	1.7
10.2.3.	The LPH Laboratory System disseminates research outcomes, best practices, and recognition of research activities	33.33	2	0.33	11.0
Total ESPH 10.2		14.3			
ESPH #10 Aggregate Score		16.7			

ESPH #	Raw Score		
1	83.4	ES #1: Monitor Health Status	
2	89.0	1.1 Surveillance Info System	100.0
3	67.0	1.2 Monitoring Health Status	66.8
4	33.0		
5	30.3	ES #2: Diagnose & Investigate	
6	44.3	2.1 State of the Art Testing	100.0
7	67.0	2.2 Collaboration & Networks	100.0
8	61.2	2.3 Continuity of Operations	67.0
9	50.0		
10	16.7	ES #3: Inform, Educate & Empower	
		3.1 Outreach & Communication	67.0
AVE.	54.2	3.2 Public Information	67.0
		3.3 Education	67.0
		ES #4: Mobilize Partnerships	
		4.1 Constituency Development	33.0
		4.2 Communication	33.0
		4.3 Resources	33.0
		ES #5: Develop Policies & Plans	
		5.1 Role in Policy Making	50.0
		5.2 Partnerships in Planning	36.0
		5.3 Dissemination & Evaluation	5.0

Es #6: Enforce Laws	
6.1 Revision of Laws &Regs	5.0
6.2 Encourage Compliance	83.5

ES #7: Link People to Services	
7.1 Availability of Lab Services	67.0

ES #8: Competent Workforce	
8.1 Workforce Competencies	83.5
8.2 Staff Development	67.0
8.3 Assuring Workforce	33.0

ES #9: Evaluation	
9.1 System Mission & Purpose	67.0
9.2 System Effectiveness	50.0
9.3 System Collaboration	33.0

ES #10: Research	
10.1 Planning & Financing	19.0
10.2 Implementation	14.3