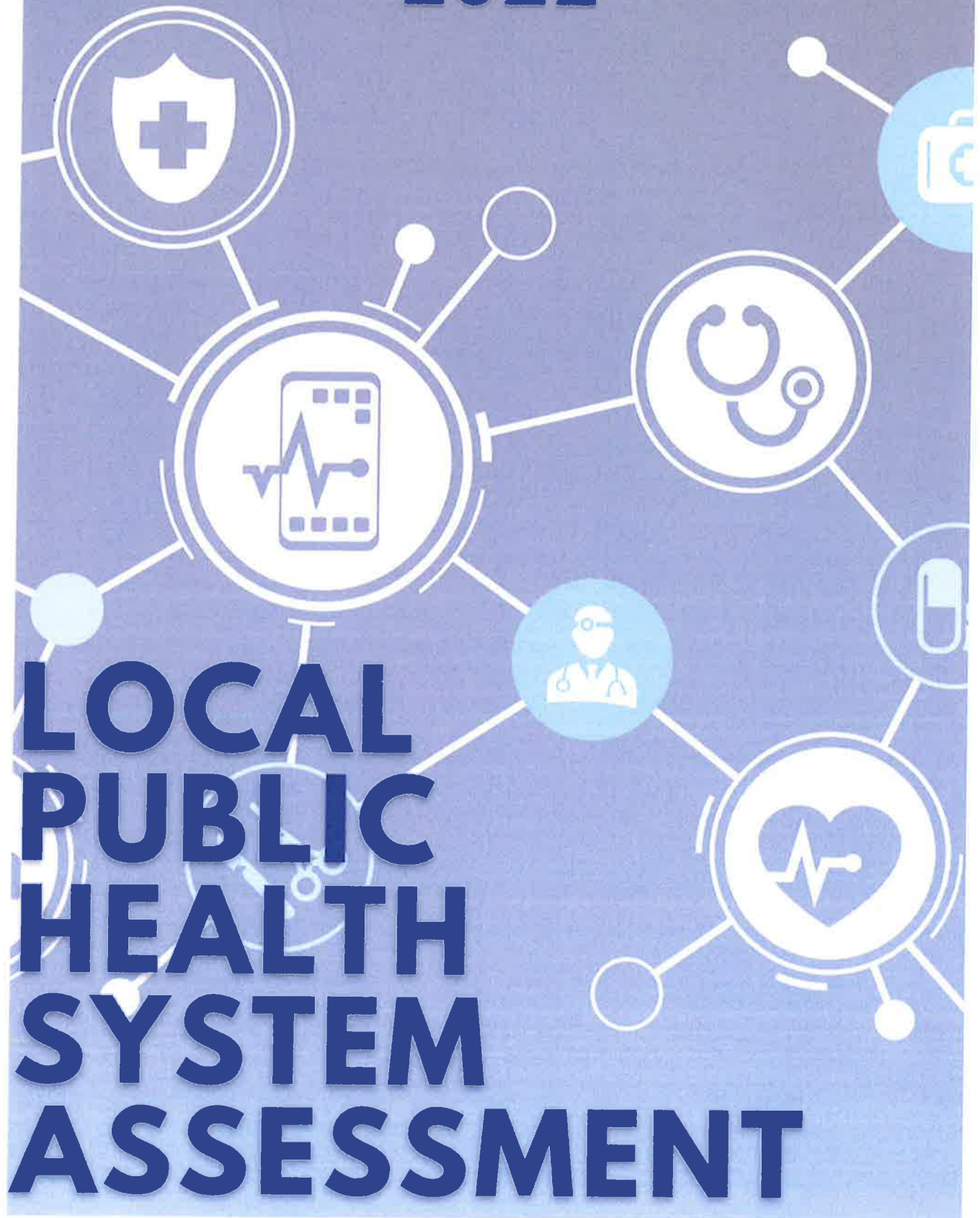


# WILL COUNTY MAPP COLLABORATIVE 2022



# LOCAL PUBLIC HEALTH SYSTEM ASSESSMENT

# 2022 Will County Local Public Health System Assessment

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## List of Abbreviations

CHSA	Community Health System Assessment
CTSA	Community Themes and Strengths Assessment
EHS	Essential Health Service
EPHS	Essential Public Health Service
FOCA	Focus of Change Assessment
LPHSA	Local Public Health System Assessment
MAPP	Mobilizing for Action Through Planning and Partnerships
NACCHO	National Association of County and City Health Officials

## Introduction

In this document, the Public Health System refers to any entity, or organization, that affects the health and quality of life those who live and work in Will County. The “system” is not only those that are direct health providers, such as hospitals, clinics, and the health department. The “system” includes social service agencies, schools, government, faith institutions and any agency that influences health. The Local Public Health Assessment is used to identify and understand the overall strengths and weaknesses of the public health system in Will County, Illinois.

The Will County Local Public Health System Assessment (LPHSA) was available for completion from February 20, 2022 through July 31, 2022, as one of the four assessments in the Will County Mobilizing for Action through Planning and Partnerships (MAPP) process.

MAPP is a community-driven strategic planning framework that guides communities in developing and implementing efforts around the prioritization of public health issues and identification of resources to address them as defined by the 10 Essential Public Health Services. The MAPP process includes four assessment tools, including the Local Public Health System Assessment.



The Local Public Health System Assessment (LPHSA), discussed in the following sections, is used to understand the overall strengths and weaknesses of the Public Health System in Will County, based on the 10 Essential Public Health Services. Results from the LPHSA will be analyzed and reported to stakeholders, along with data and information related to the three other assessment areas defined in the MAPP process:

- Community Health Status Assessment (CHSA),
- Community Themes and Strengths Assessment (CTSA),
- Forces of Change Assessment (FOCA).

Identified Issues will be prioritized. Goals and action plans will be developed, or updated, for each priority health issues. These action plans will be implemented and aligned to improve the Local public health system and ultimately the health and well-being of the Will County community. This is in alignment with our vision of “Achieving equitable and optimal health in body and mind for all Will County residents”.

## **Executive Summary**

The 2022 Will County Local Public Health System Assessment (LPHSA) provides information to improve the health of those who live and work in Will County, by identifying strengths and weaknesses in the system and opportunities to improve service provision. Public, private and voluntary entities, that contribute to public health activities, were sought to participate in the process. Through utilization of a systems approach, the LPHSA assures the input of participating entities are considered when assessing the local public health system. The 10 Essential Public Health Services provide the framework for this assessment. The National Association of County and City Health Officials (NACCHO) designed this tool for the LPHSA, as part of the community planning process, Mobilizing for Action through Planning and Partnership (MAPP). Additional questions were added to gain information related to health equity in the county.

Stakeholders throughout the county were invited to participate in the survey. Fifty participants utilized the Survey Monkey to assess the public health system. Participants were requested to rate the public health system’s activity, related to each Essential Public Health Service and health equity. Responses were: no activity, minimal, moderate, significant or optimal activity. Participant comments were encouraged. The final day for submission was July 31, 2022.

The data received from this Local Public Health System Assessment and the Community Health Status Assessment, Forces of Change Assessment and Community Themes and Strengths Assessment, will be provided to county stakeholders on September 30, 2022. During this Forum, the data, and comments, will be used to establish county-wide priorities and actions. Resources, as well as needs will be considered.

The number of participants was less than the 2019 assessment. Since early 2021, services provided, and job responsibilities of personnel, were changed to meet community needs. The COVID-19 pandemic greatly challenged our public health system. Variants, Monkey Pox, other public health concerns and staffing issues continue and may have contributed to lower scores.

More than Fifty-eight percent (58.34%) of participants align their primary job duties within the local public health system to:

- EPHS 3 - Inform, educate, and empower people about health issues (29.17%)
- EPHS 7 - Link people to needed personal health services and assure the provision of health care when otherwise not available (29.17%)

Nearly twenty-three percent (22.92%) reported their job duties align with EPHS 4 -mobilizing community partnerships to identify and solve health problems. The remaining 18.74% were divided:

- EPHS 2 – 6.25%
- EPHS 1 – 4.17%
- EPHS 8 – 4.17%
- EPHS 5 – 2.08%
- EPHS 6 – 2.08%
- EPHS 9 – 0.00%
- EPHS 10 -0.00%

Ten percent (10%) responded that the public health system is functioning optimally, to develop policies and plans that support individual and community health effects (EPHS – 5).

More than sixty-six percent (66.6%) believed there was little (33.3%) or no activity (33.3%), by the public health system, monitoring health status to identify community health problems (EPHS -1).

Two thirds (66.67%) of all respondents reported moderate activity by the local public health system related to EPHS -6, enforcing laws and regulations that protect health and ensure safety.

In this survey thirteen questions provided information related to equity. Each of the 10 EPHS were addressed. The most optimal (20%) and most significant (40%) activities were associated with establishing a Community Health Improvement Plan with board based diverse participation, to develop strategies and accountability for organizations.

Thirty-three percent (33%) responded no activity completing a workforce assessment to identify and address gaps in the local public health workforce. Sixty-six percent (66.67%) reported minimal opportunities for the development of leaders who represent the diversity of the community.

Respondents’ perceptions and actual knowledge of activities related to each Essential Public Health Service, based on their job duties withing the public health system, are used to assess the strengths and weaknesses that exist within the local public health system.

	Strengths	Weakness	Health and Safety Threats
EHS #1 Monitor health status to identify community health problems	<ul style="list-style-type: none"> <li>• Promotion and use of community health assessments to analyze health data and identify problem areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Many are unaware of the on-going health assessments and resulting data.</li> </ul>	<ul style="list-style-type: none"> <li>• Organizations and community providers may not always have access to accurate data to make decisions.</li> </ul>

	<ul style="list-style-type: none"> <li>• Members of the local public health system work individually and coordinate efforts to assess the health of residents.</li> <li>• Assessment tools are available in English and Spanish.</li> <li>• On-going data collection and review allows for continual analysis and more rapid response.</li> <li>• Technology, including geographic software, is used to gain and analyze data.</li> <li>• Data is used to identify health inequities and disparities.</li> </ul>	<ul style="list-style-type: none"> <li>• Use of the best available technology and methods to collect and provide public health data.</li> <li>• Technology is minimally used by some members of the local public health system.</li> <li>• Data may not always be disseminated to community groups.</li> <li>• Although available, many may not have knowledge of or access to all data.</li> </ul>	<ul style="list-style-type: none"> <li>• Functionality of electronic systems may limit access to data.</li> <li>• Unequal knowledge throughout the county.</li> </ul>
<p>EHS #2</p> <p>Diagnose and investigate health problems and health hazards in the community.</p>	<p>Many are aware their organizations participate in:</p> <ul style="list-style-type: none"> <li>• comprehensive surveillance systems and share information.</li> <li>• collect and provide timely information</li> <li>• rapidly respond to emergencies.</li> <li>• evaluate effectiveness and take steps to improve.</li> </ul>	<p>Although available, many may be unaware of efforts or their organizations do not participate in:</p> <ul style="list-style-type: none"> <li>• comprehensive surveillance systems, share information and understand outstanding health issues.</li> <li>• collect and provide timely information on reportable diseases and disasters.</li> </ul>	<ul style="list-style-type: none"> <li>• Limit how quickly providers report outbreaks, newly emerging diseases and highly communicable diseases.</li> <li>• There are limitations to the ability to analyze some data at the neighborhood level.</li> </ul>

		<ul style="list-style-type: none"> <li>• rapidly respond to emergencies.</li> <li>• evaluate effectiveness and take steps to improve.</li> </ul>	<ul style="list-style-type: none"> <li>• Health status data is not always current.</li> </ul>
<p>EHS # 3</p> <p>Inform, educate and empower people about health issues.</p>	<ul style="list-style-type: none"> <li>• Policymakers, stakeholders and the public are provided with information related to the community health status.</li> <li>• Various forms of media and technology are available and used to disseminate information.</li> </ul>	<ul style="list-style-type: none"> <li>• Insufficient involvement in engaging the community in setting health related priorities.</li> <li>• Many are unaware of the availability of emergency communication plans.</li> </ul>	<ul style="list-style-type: none"> <li>• Unable to respond rapidly to a disaster or emergency.</li> <li>• Lack of information may result in insufficient or unequal provision of services.</li> </ul>
<p>EHS 4</p> <p>Mobilize community partnerships to identify and solve health issues</p>	<ul style="list-style-type: none"> <li>• The public health system encourages participation in health improvement activities.</li> <li>• Efforts are being taken to establish community partnerships and strategic alliances.</li> </ul>	<ul style="list-style-type: none"> <li>• Actions are taking place; however, many are unaware of the efforts to identify and solve health issues.</li> <li>• Increase actions to create partnerships.</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of knowledge that may result in poorer health outcomes.</li> <li>• Information unavailable to certain populations.</li> </ul>
<p>EHS #5</p> <p>Develop policies and plans that support individual and community health efforts</p>	<ul style="list-style-type: none"> <li>• Local public health systems take actions to alert policymakers of the health effects from current and proposed policies.</li> <li>• Presence of a well-established local health department.</li> </ul>	<ul style="list-style-type: none"> <li>• Human resources of the local health department, and community partners, have been negatively impacted by the pandemic and other health issues.</li> </ul>	<ul style="list-style-type: none"> <li>• Inability to respond rapidly to health-related emergencies.</li> <li>• Poor health outcomes.</li> </ul>



	<ul style="list-style-type: none"> <li>• Coordinated efforts by members of the public health system.</li> <li>• Numerous members of the local public health system have well developed emergency preparedness and response plans, that are regularly tested.</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of awareness to the existing emergency preparedness and response plans.</li> </ul>	
<p>EHS #6</p> <p>Enforce laws and regulations that protect health and ensure safety</p>	<ul style="list-style-type: none"> <li>• Many laws and regulations are in place and enforced to protect the health of the community.</li> <li>• Regular reviews of existing laws and regulations.</li> <li>• Knowledge of many members of the public health system of existing laws and regulations.</li> <li>• Collaboration with partners, to develop and support policies, plans, and laws.</li> </ul>	<ul style="list-style-type: none"> <li>• Insufficient knowledge by some community partners and groups, related to public health issues that can be addressed through new laws or amendments to current laws, regulations or ordinances.</li> <li>• Inadequate education of some individuals and groups related to relevant laws, regulations and ordinances.</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of knowledge may lead to unenforced laws and regulations.</li> <li>• Diminished health and safety of community.</li> <li>• Gaps in regulatory programs can result in difficulty identifying solutions to emerging health issues.</li> </ul>
<p>EHS #7</p> <p>Link people to needed personal health services and assure the provision of health services.</p>	<ul style="list-style-type: none"> <li>• Many activities, of the public health system, to identify those experiencing difficulty obtaining health services.</li> <li>• Ability to link individuals with personal health services.</li> </ul>	<ul style="list-style-type: none"> <li>• Minimal awareness by some to current resources.</li> <li>• Insufficient information, to those providing health services, relating to connecting people with services.</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of timely solutions to health needs.</li> <li>• Poor health outcomes for those unaware of services and resources.</li> </ul>

	<ul style="list-style-type: none"> <li>• Knowledge of community partners, and members of the public health system, of current resources.</li> <li>• Ability to link individuals with personal health services.</li> </ul>		
<p>EHS #8</p> <p>Assure a competent public and person health care workforce</p>	<ul style="list-style-type: none"> <li>• Activities to assess the workforce to identify and address gaps in the workforce.</li> <li>• Opportunities for workforce training to assure delivery of services in a culturally competent manner.</li> <li>• Opportunities to better understand social determinants of health.</li> <li>• Actions are taken to ensure workforce is appropriately trained and licensed.</li> </ul>	<ul style="list-style-type: none"> <li>• Minimal knowledge of opportunities available for the development of leaders who represent the diversity of the community.</li> <li>• Insufficient knowledge of available training.</li> <li>• Lack of sufficient coordination between agencies to provide training opportunities.</li> <li>• Inadequate knowledge, of public health system workforce, of required certificates, licenses, and education to comply with legal requirements.</li> </ul>	<ul style="list-style-type: none"> <li>• Poorly trained workforce.</li> <li>• Workforce that does not fully understand health needs community members.</li> <li>• Insufficient workforce due to failure to comply with legal requirements for licensure.</li> </ul>
<p>EHS #9</p> <p>Evaluate effectiveness, accessibility, and quality of personal/population-based health services.</p>	<ul style="list-style-type: none"> <li>• Many members of the public health system are utilizing technology to improve quality of care.</li> </ul>	<ul style="list-style-type: none"> <li>• Deficient activity by some community partners, to evaluate population-based health services.</li> </ul>	<ul style="list-style-type: none"> <li>• Without timely evaluation, quality of personal health services may be ineffective and/or insufficient.</li> </ul>

	<ul style="list-style-type: none"> <li>• The system is actively measuring user satisfaction with personal health services.</li> <li>• Efforts are taken to evaluate success of population-based health services.</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of ability by some system partners to evaluate accessibility, quality and effectiveness of personal health services.</li> <li>• Unavailability of technology, to improve quality of care by some system partners.</li> </ul>	
<p>EHS #10</p> <p>Research for new insights and innovative solutions to health problems.</p>	<ul style="list-style-type: none"> <li>• Efforts are ongoing, by many members of the public health system, to keep up with current best practices.</li> <li>• Community colleges, universities and research facilities collaborate with state and local members of the public health system.</li> </ul>	<ul style="list-style-type: none"> <li>• Insufficient activity by all members of the public health system, to keep up with current best practices.</li> </ul>	<ul style="list-style-type: none"> <li>• Without knowledge of best practices, quality of services may diminish.</li> </ul>
<p>Health Equity</p>	<ul style="list-style-type: none"> <li>• Activities to monitor health inequities and identify the social determinants of health inequities.</li> <li>• Work is underway to influence laws, policies, and practices that maintain equitable distribution of resources that influence personal health services.</li> </ul>	<ul style="list-style-type: none"> <li>• Insufficient activities to recruit and train the workforce to reflect the community they serve.</li> <li>• Need to continually attempt to influence laws and policies related to equitable distribution of resources and health services.</li> </ul>	<ul style="list-style-type: none"> <li>• Failure to assure equitable provision of resources and services.</li> <li>• Failure of workforce to fully understand the community they serve.</li> </ul>

	<ul style="list-style-type: none"> <li>To some degree, the public health system recruits and trains members to reflect the community they serve.</li> </ul>		
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## Assessment Methodology

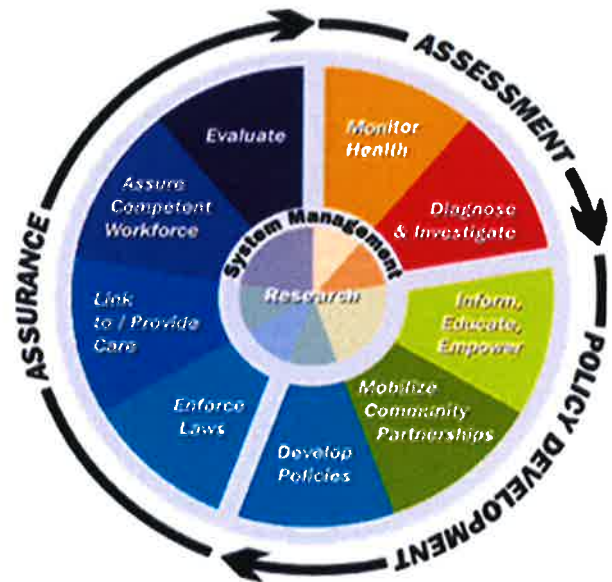
The National Associate of County & City Health Officials (NACCHO) Local Assessment Instrument was used as a guide. A small workgroup, representing stakeholders from various segments of the county health system, was convened to select questions from each of the 10 Essential Public Health Services (EPHSs). These were entered into the Survey Monkey, an online survey tool and data collector.

The online instrument was based on the 10 Essential Public Health Services (EPHSs) that are utilized, in the field, to describe the scope of public health. The 10 EPHSs support the three core functions of public health:

- assessment
- policy development
- assurance.

The 10 Essential Public Health Services are:

1. Monitor health status to identify community health problems.
2. Diagnose and investigate health problems and health hazards in the community.
3. Inform, educate, and empower people about health issues.
4. Mobilize community partnerships to identify and solve health problems.
5. Develop policies and plans that support individual and community health efforts.
6. Enforce laws and regulations that protect health and ensure safety.
7. Link people to needed personal health services and assure the provision of health services.
8. Assure a competent public and personal health care workforce.
9. Evaluate effectiveness, accessibility, and quality of personal/population-based health services.
10. Research for new insights and innovative solutions to health problems.



The 2022 Will County LPHSA, contain supplemental questions. These questions address health inequities and Essential Health Services that align with the participants’ job duties within the local public health system.

The LPHSA supplement is based on the “System Contributions to Assuring Health Equity,” from the National Association of County and City Health Officials (NACCHO) MAPP User’s Handbook.

An online survey was designed to elicit feedback on each EPHS. A nationally recognized tool, the National Public Health Performance Standards (NPHPS), was used to measure provided information. The 10 Essential Public Health Services scores reflect the input of all participants and provide a framework to assess capacity and performance of the local public health system.

The assessment tool contains 12 sections that:

- identify the essential services that align with the participant’s job duties within the public health system. (1)
- request information related to each of the 10 Essential Public Health Services. (10)
- address health equity. (1)

Model standards represent the major components of each EHS. The questions describe different facets of activities that relate to each model standard. The following rating scale was used to assess activities related to each model standard.

<b>Optimal Activity</b> (76-100%)	The Public Health System is doing absolutely everything possible for this activity and there is no room for improvement.
<b>Significant Activity</b> (51-75%)	The Public Health System participates a great deal in this activity and there is opportunity for minor improvement.
<b>Moderate Activity</b> (26-50%)	The Public Health System somewhat participates in this activity and there is opportunity for greater improvement.
<b>Minimal Activity</b> (1-25%)	The Public Health System provides limited activity and there is opportunity for substantial improvement.
<b>No Activity</b> (0%)	The Public Health System does not participate in this activity at all.

Information gained facilitates identification of system strengths, weaknesses and opportunities for improvement. It provides a baseline measure of current activities and facilitate development of future county health improvement goals.

Distribution was based on information obtained in the MAPP User's Handbook (NACCHO). Emails, social media, websites, and direct contact methods were used to invite participation in the survey. On February 20, 2022, the Will County MAPP Collaborative made the assessment available to a large number of community stakeholders. Survey Monkey, an online survey and data collection software facilitated the collection of information.

The survey was divided into three sections:

- Participants' Job Duties
- Essential Public Health Services
- Health Equity

Upon completing the Health Equity questions, the respondents were asked for their name, job title, program, organization, email address and phone number.

Fifty responses were received. The deadline to complete this survey was July 31, 2022. A draft of the Local Public Health System Assessment data summation was presented to the MAPP Executive Committee for review and approval in August 2022.

## **Local Public Health System Assessment (LPHSA) Results**

The LPHSA survey was developed, tested, and released to MAPP members and community partners via the Survey Monkey, on February 20, 2022. In this survey, participants were asked to rate the Essential Health Services (EHS) that related to their job duties within the Local public health system. The survey was made available to approximately 250 people.

Of those surveyed, most (58.34%) responded that their job duties align to:

- informing, educating and empowering people about health issues (29.17%)
- linking people to needed public health services and assuring the provision of health care when otherwise unavailable (29.17%)

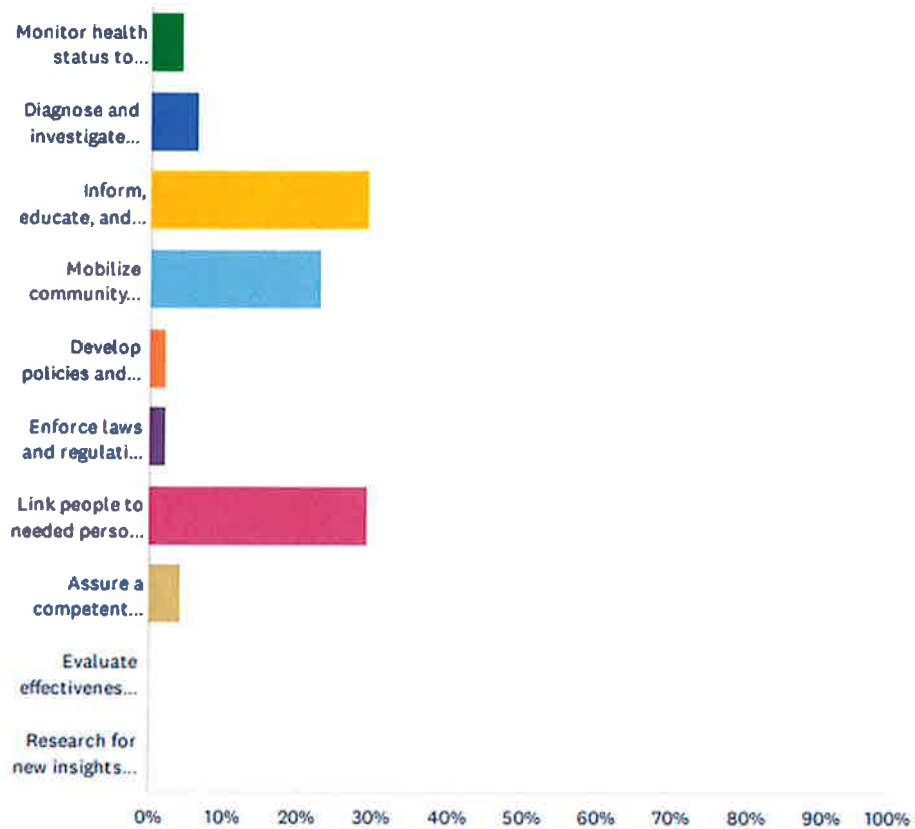
No respondents reported that their job duties align with:

- evaluating effectiveness, accessibility and quality of personal and population-based health services (0%)
- conducting research for new insights and innovative solutions to health problems (0%)

The survey was designed to encourage participants to provide feedback on more than one Essential Health Service "that aligns with their job duties, within the Local public health system". Once the participant has completed an essential health service's series of questions, they were prompted to proceed to the next EHS or select "N/A".

Q1 Please choose an essential health service (EHS) that aligns with your job duties withing the local public health system.

Answered: 48 Skipped: 2



ANSWER CHOICES	RESPONSES
Monitor health status to identify community health problems	4.17% 2
Diagnose and investigate health problems and health hazards in the community	6.25% 3
Inform, educate, and empower people about health issues	29.17% 14
Mobilize community partnerships to identify and solve health problems	22.92% 11
Develop policies and plans that support individual and community health efforts	2.08% 1
Enforce laws and regulations that protect health and ensure safety	2.08% 1
Link people to needed personal health services and assure the provision of health care when otherwise unavailable	29.17% 14
Assure a competent public health and personal health care workforce	4.17% 2
Evaluate effectiveness, accessibility, and quality of personal and population-based health services	0.00% 0
Research for new insights and innovative solutions to health problems	0.00% 0
<b>TOTAL</b>	<b>48</b>

The chart below details the number of respondents who provided feedback on each Essential Health Service. In this document, the data is contained in each associated EHS section, (red numbered questions, 6, 12, 17, 20, 25, 29, 33, 39, 44, 47).

Essential Health Services	Number of survey respondents
EHS 1: Monitor health status to identify community health problems.	4
EHS 2: Diagnose and investigate health problems and health hazards in the community.	2
EHS 3: Inform, educate, and empower people about health issues.	18
EHS 4: Mobilize community partnerships to identify and solve health problems.	16
EHS 5: Develop policies and plans that support individual and community health efforts.	4
EHS 6: Enforce laws and regulations that protect health and ensure safety.	2
EHS 7: Link people to needed personal health services and assure the provision of health services.	13
EHS 8: Assure a competent public and personal health care workforce.	2
EHS 9: Evaluate effectiveness, accessibility, and quality of personal/population-based health services.	3
EHS 10: Research for new insights innovation solution to health problems.	5

**EHS #1:**

**Monitor Health Status to Identify Community Health Problems**

Four questions were selected to assess the Essential Health Service #1. Respondents were asked at what level does the local public health system:

- Conduct regular community health assessments to analyze health data including geographic information to see where the problems exist?
- Promote the use of the community health assessment among community members and partners?
- Use the best available technology and methods to display public health data?
- Analyze health data, including geographic information, to see where health problems exist?

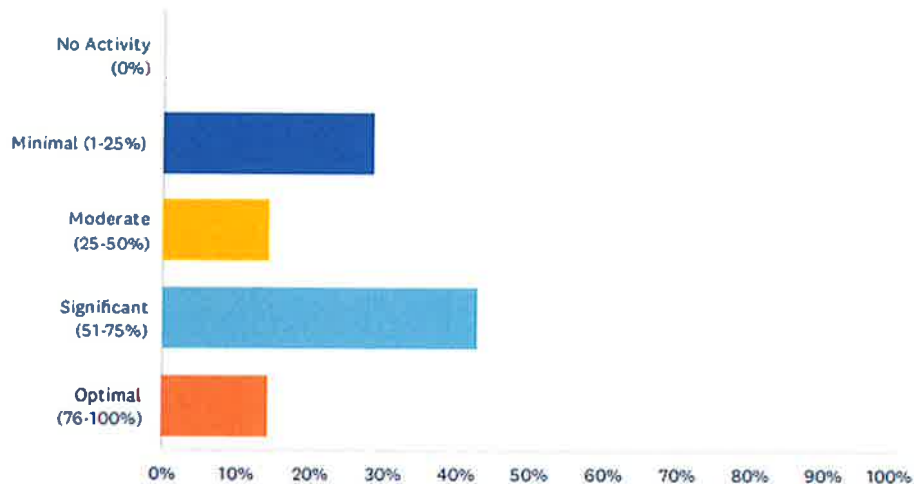


Fifty percent (50%) reported that the Public Health System participates a great deal in analyzing health data to determine where health problems exist. More than 14% responded the system is doing everything possible to conduct regular community health assessments and to analyze the data to determine where the problems exist, while 42.86% reported significant activity, but there is an opportunity for minor improvements.

Results related to use of technology and data collection methods were mixed, 33.3% for each of minimal, moderate and significant activity. None reported that the system was doing everything possible or does nothing.

Comments suggested the use of townhall meetings, described personal experiences referring clients to the health department, discussed the abilities to provide analysis and recommendations, and suggested involvement of policy makers.

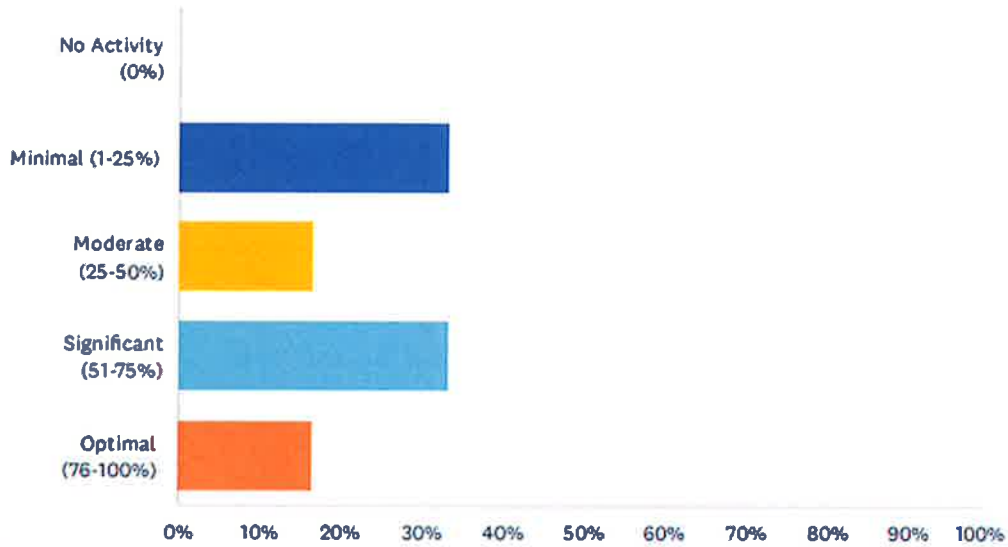
**Q2 Conduct regular community health assessments to analyze health data including geographic information to see where the problems exist**



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	28.57%	2
Moderate (25-50%)	14.29%	1
Significant (51-75%)	42.86%	3
Optimal (76-100%)	14.29%	1
<b>TOTAL</b>		<b>7</b>

**Q3 Promote the use of the community health assessment among community members and partners**

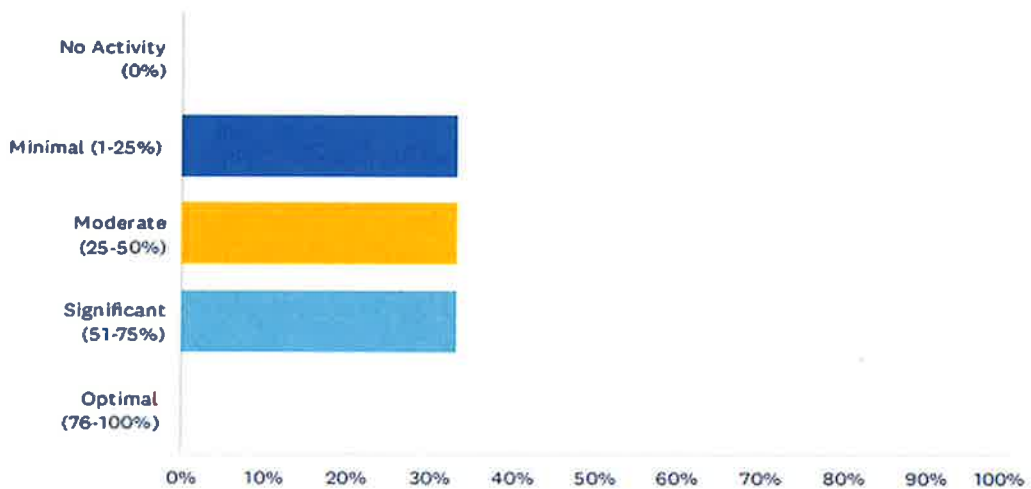
Answered: 6 Skipped: 41



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	33.33%	2
Moderate (25-50%)	16.67%	1
Significant (51-75%)	33.33%	2
Optimal (76-100%)	16.67%	1
<b>TOTAL</b>		<b>6</b>

**Q4 Use the best available technology and methods to display public health data**

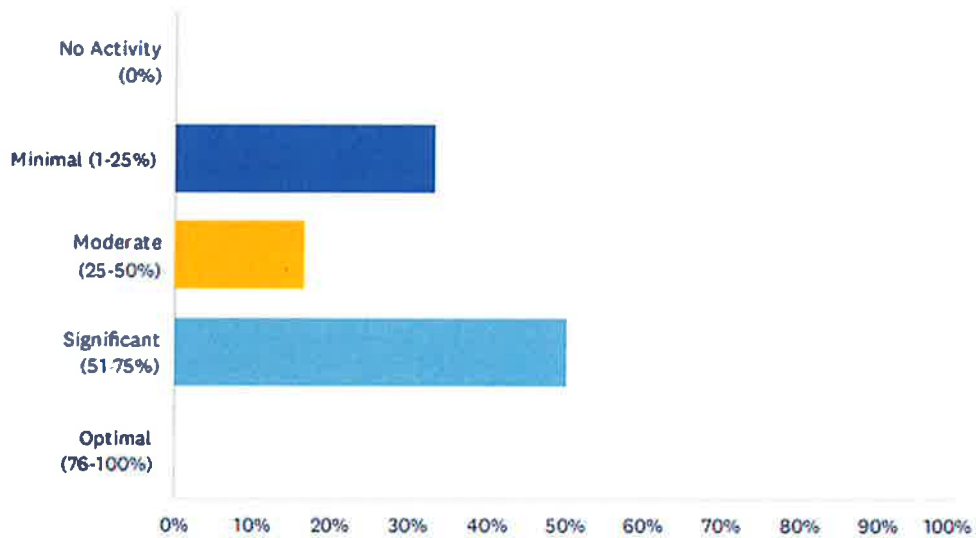
Answered: 6 Skipped: 44



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	33.33%	2
Moderate (25-50%)	33.33%	2
Significant (51-75%)	33.33%	2
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>6</b>

**Q5 Analyze health data, including geographic information, to see where health problems exist**

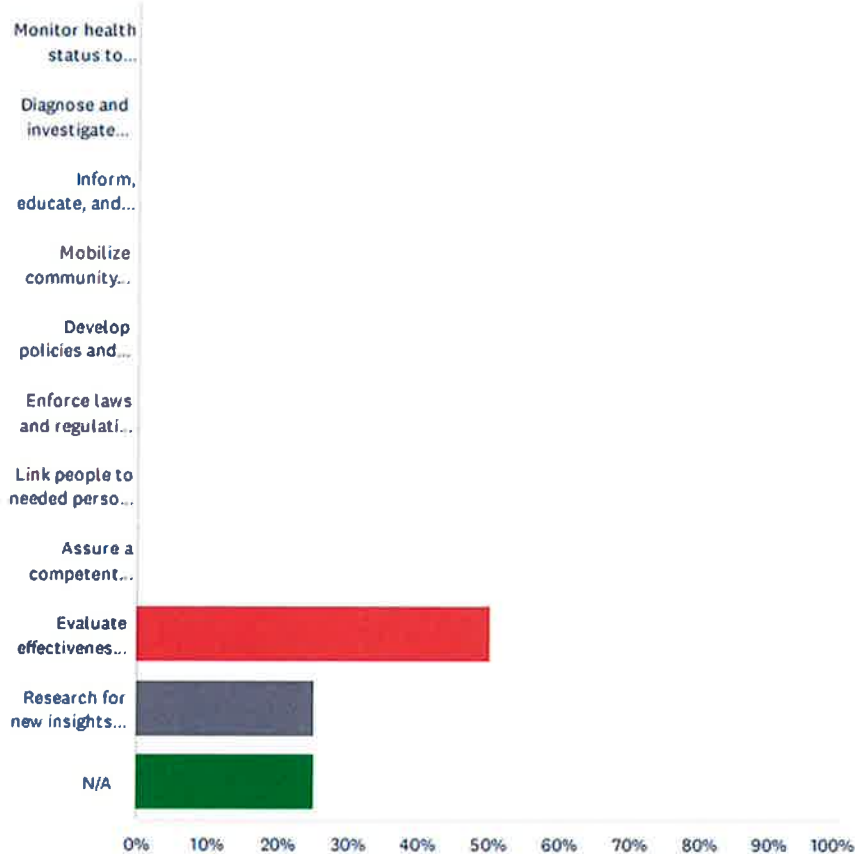
Answered: 6 Skipped: 41



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	33.33%	2
Moderate (25-50%)	16.67%	1
Significant (51-75%)	50.00%	3
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>6</b>

**Q6** Please choose an additional health service (EHS) that aligns with your job duties within the local public health system. If there are no other services that align, please select N/A

Answered: 4 Skipped: 43



ANSWER CHOICES	RESPONSES
Monitor health status to identify community health problems	0.00% 0
Diagnose and investigate health problems and health hazards in the community	0.00% 0
Inform, educate, and empower people about health issues	0.00% 0
Mobilize community partnerships to identify and solve health problems	0.00% 0
Develop policies and plans that support individual and community health efforts	0.00% 0
Enforce laws and regulations that protect health and ensure safety	0.00% 0
Link people to needed personal health services and assure the provision of health care when otherwise unavailable	0.00% 0
Assure a competent public health and personal health care workforce	0.00% 0
Evaluate effectiveness, accessibility, and quality of personal and population-based health services	50.00% 2
Research for new insights and innovative solutions to health problems	25.00% 1
N/A	25.00% 1
<b>TOTAL</b>	<b>4</b>

## EHS #2:

### Diagnose and Investigate Health Problems and Health Hazards in the Community

There are total of five questions chosen to assess EHS #2. Respondents (66.6%) reported little (33.3%) or no activity (33.3%) and an opportunity for substantial improvement, related to the four questions addressing how well the local public health system:

- participates in a comprehensive surveillance system with national, state and local partners to identify, monitor and share information and to understand emerging health problems and threats.
- provides and collects timely and complete information on reportable diseases and potential disasters, emergencies and emerging threats.
- prepares to rapidly respond to public health emergencies according to the guidelines.
- evaluates incidents for effectiveness and opportunities for improvement.

Related to the above-mentioned questions, 33.3% reported significant activity and little need for improvement.

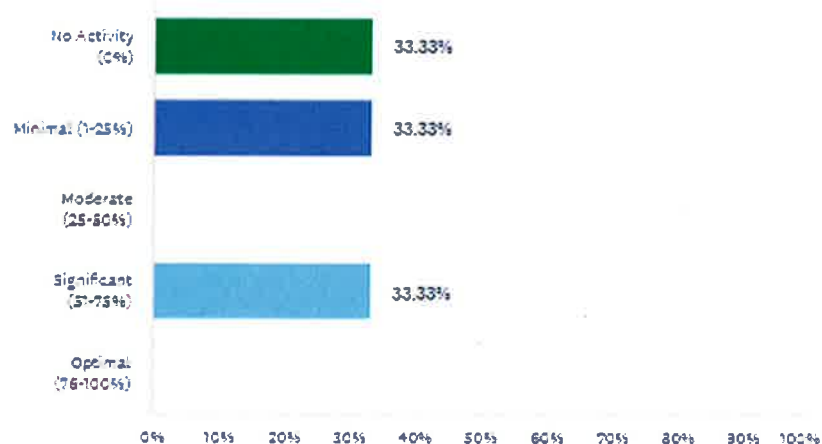
Sixty-six percent (66%) of respondents believe that the Public Health System:

- have minimal access to laboratories that can meet routine and emergency public health needs.

There were no comments provided by respondents in this section.

### Q7 Participate in a comprehensive surveillance system with national, state, and local partners to identify, monitor and share information and understand emerging health problems and threats

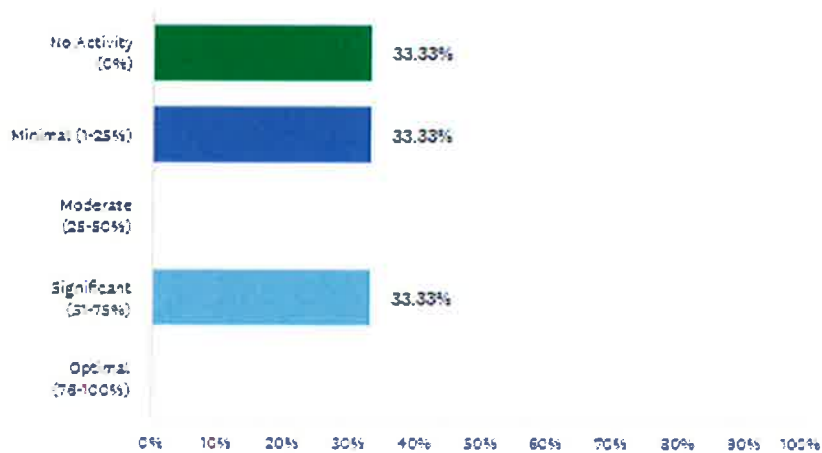
Answered: 3 Skipped: 47



ANSWER CHOICES	RESPONSES	
No Activity (0%)	33.33%	1
Minimal (1-25%)	33.33%	1
Moderate (25-50%)	0.00%	0
Significant (51-75%)	33.33%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>3</b>

**Q8 Provide and collect timely and complete information on reportable diseases and potential disasters, emergencies, and emerging threats**

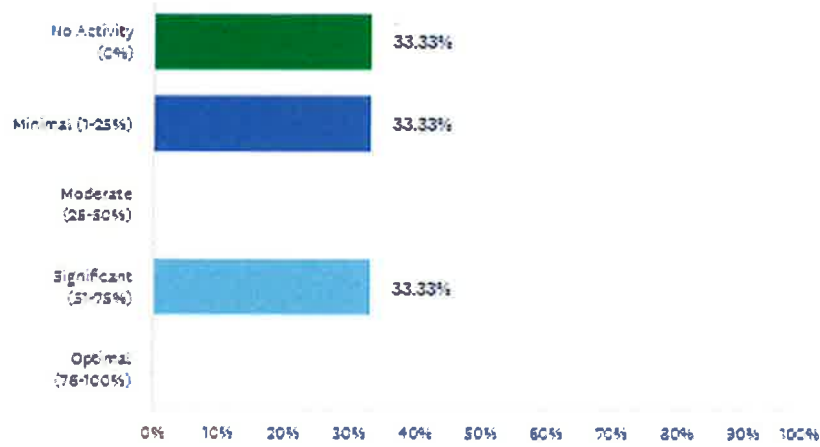
Answered: 3 Skipped: 47



ANSWER CHOICES	RESPONSES	
No Activity (0%)	33.33%	1
Minimal (1-25%)	33.33%	1
Moderate (25-50%)	0.00%	0
Significant (51-75%)	33.33%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>3</b>

**Q9 Prepare to rapidly respond to public health emergencies according to guidelines**

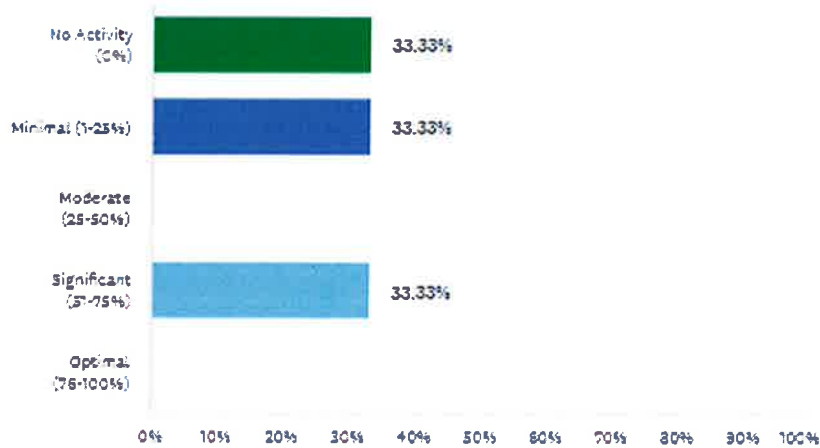
Answered: 3 Skipped: 47



ANSWER CHOICES	RESPONSES	
No Activity (0%)	33.33%	1
Minimal (1-25%)	33.33%	1
Moderate (25-50%)	0.00%	0
Significant (51-75%)	33.33%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>3</b>

### Q10 Evaluate incidents for effectiveness and opportunities for improvement

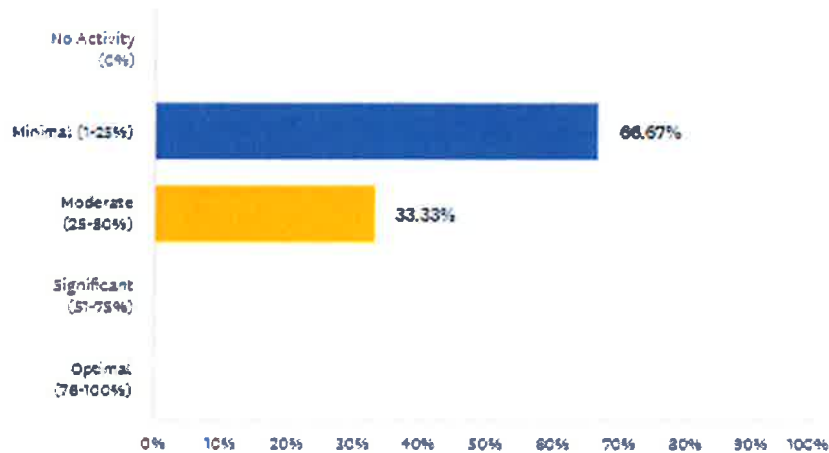
Answered: 3 Skipped: 47



ANSWER CHOICES	RESPONSES	
No Activity (0%)	33.33%	1
Minimal (1-25%)	33.33%	1
Moderate (25-50%)	0.00%	0
Significant (51-75%)	33.33%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>3</b>

**Q11 Have access to laboratories that can meet with routine and emergency public health needs**

Answered: 3 Skipped: 47

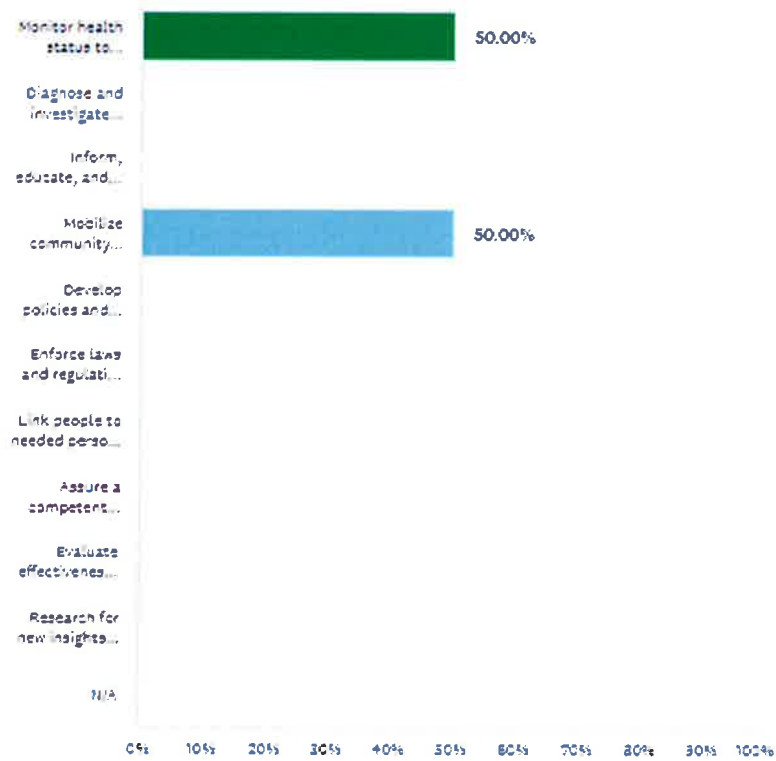


ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	66.67%	2
Moderate (25-50%)	33.33%	1
Significant (51-75%)	0.00%	0
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>3</b>



**Q12** Please choose an additional health service (EHS) that aligns with your job duties within the local public health system. If there are no other services that align, please select N/A.

Answered: 2 Skipped: 48



ANSWER CHOICES	RESPONSES
Monitor health status to identify community health problems	50.00% 1
Diagnose and investigate health problems and health hazards in the community	0.00% 0
Inform, educate, and empower people about health issues	0.00% 0
Mobilize community partnerships to identify and solve health problems	50.00% 1
Develop policies and plans that support individual and community health efforts	0.00% 0
Enforce laws and regulations that protect health and ensure safety	0.00% 0
Link people to needed personal health services and assure the provision of health care when otherwise unavailable	0.00% 0
Assure a competent public health and personal health care workforce	0.00% 0
Evaluate effectiveness, accessibility, and quality of personal and population-based health services	0.00% 0
Research for new insights and innovative solutions to health problems	0.00% 0
N/A	0.00% 0
<b>TOTAL</b>	<b>2</b>

### **EHS #3:**

#### **Inform, Educate, and Empower People about Health Issues**

There were four questions for EHS #3. Respondents were asked, at what level does the local public health system:

- provide policymakers, stakeholders, and the public with ongoing analyses of community health status and related recommendations for health promotion policies?
- engage the community in the process of setting priorities, developing plans and implementation of health education and promotion activities?
- use different media providers to share health information?
- Develop an emergency communications plan for the emergencies to allow for effective dissemination of information?

All respondents believed the system was, to some degree, active in the providing policymakers, stakeholders and the public with ongoing analysis of community health status and related recommendations of health promotion policies (5.26% optimal, 31.58% significant, 47.37% moderate and 15.79% minimal).

Five percent reported no activity and that the system needed improvement with:

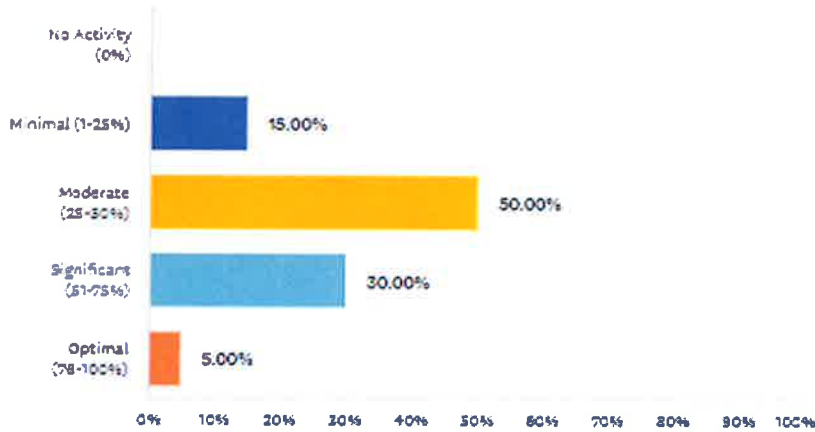
- Engaging the community in the process of setting priorities, developing plans and implementing health education and promotion activities.
- Developing an emergency communications plan for emergencies to allow for effective dissemination of information.

Fifty-seven percent (57%) reported that the Public Health System actively uses different media providers to share health information.

Comments suggested: using town hall meetings and involving NGOs in the plan; that the MAPP Assessment Process include the community; and some reported they were unaware of these activities.

**Q13 Provide policymakers, stakeholders, and the public with ongoing analyses of community health status and related recommendations for health promotion policies**

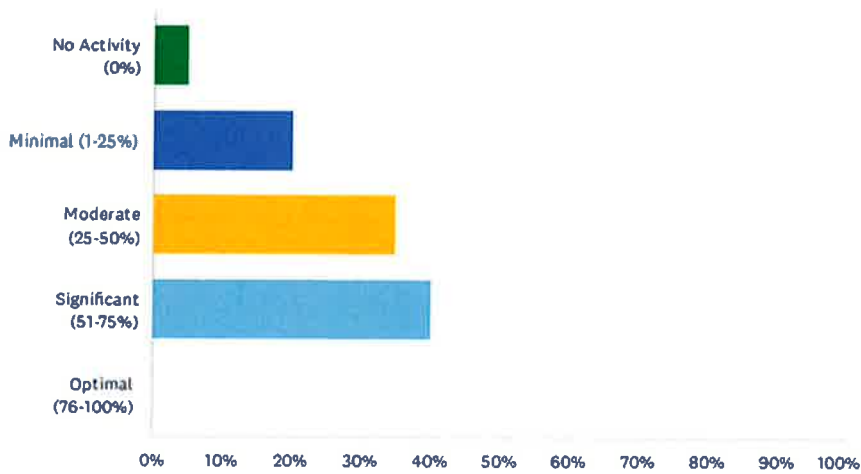
Answered: 20 Skipped: 30



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	15.79%	3
Moderate (25-50%)	47.37%	9
Significant (51-75%)	31.58%	6
Optimal (76-100%)	5.26%	1
<b>TOTAL</b>		<b>19</b>

**Q14 Engage the community in the process of setting priorities, developing plans and implementation of health education activities**

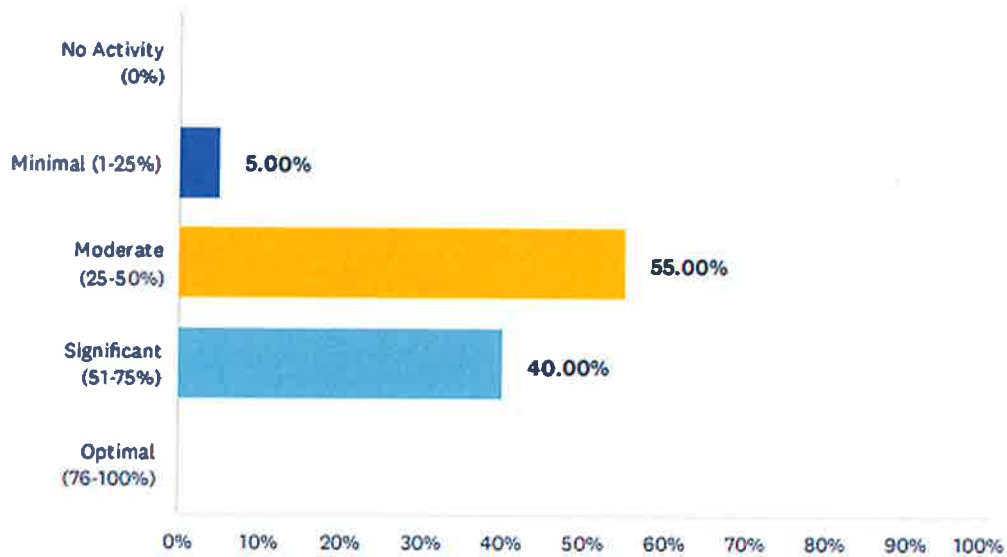
Answered: 20 Skipped: 30



ANSWER CHOICES	RESPONSES	
No Activity (0%)	5.00%	1
Minimal (1-25%)	20.00%	4
Moderate (25-50%)	35.00%	7
Significant (51-75%)	40.00%	8
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>20</b>

**Q15 Use different media providers (print, television, internet, etc.) to share health information**

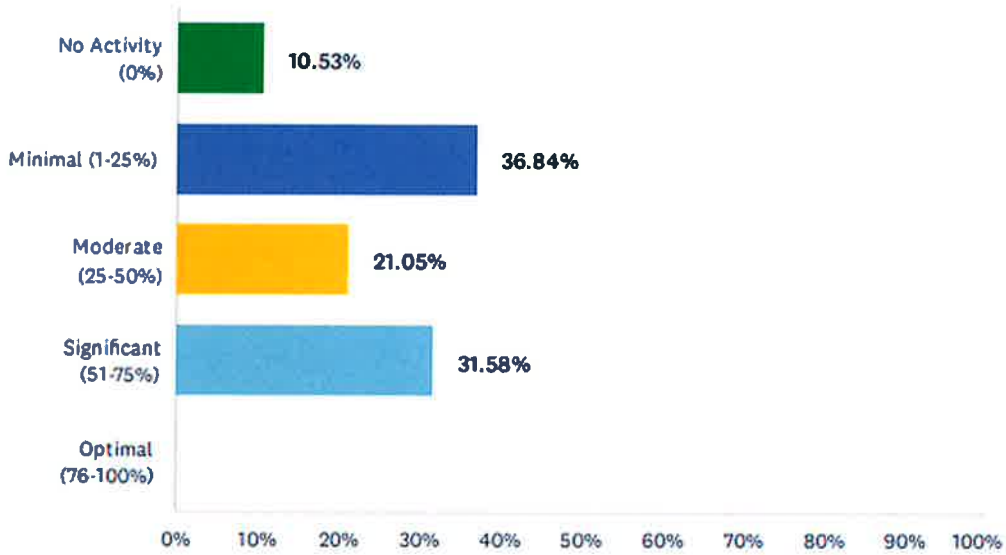
Answered: 20 Skipped: 30



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	5.00%	1
Moderate (25-50%)	55.00%	11
Significant (51-75%)	40.00%	8
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>20</b>

**Q16 Develop an emergency communications plan for emergencies to allow for effective dissemination of information**

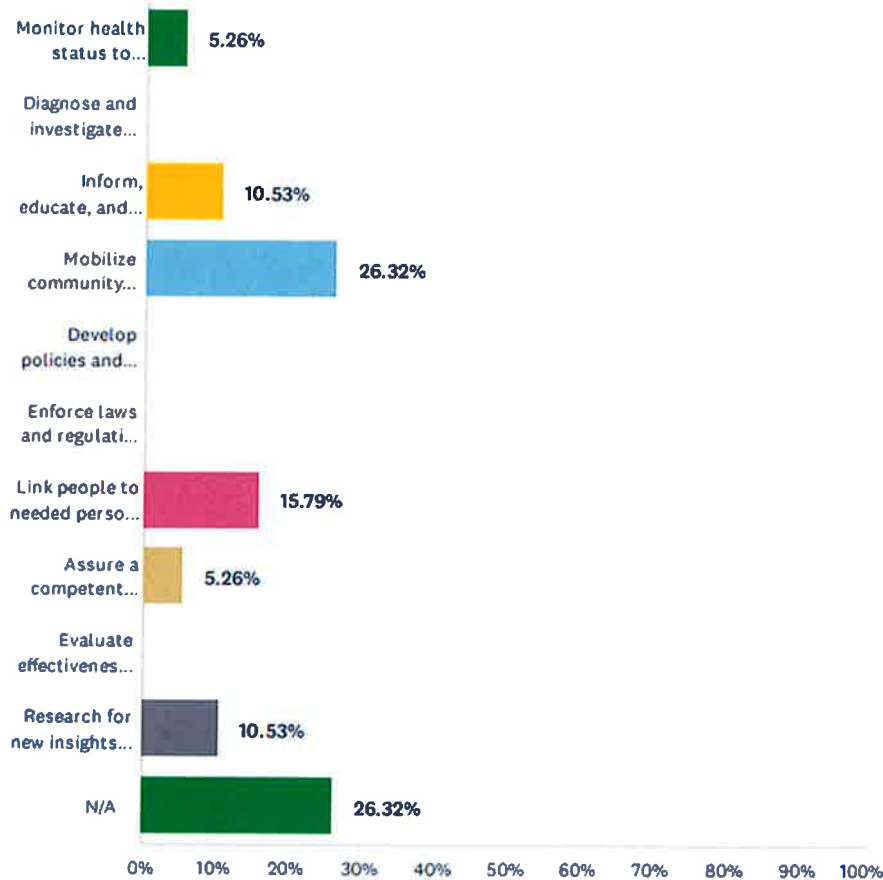
Answered: 19 Skipped: 31



ANSWER CHOICES	RESPONSES	
No Activity (0%)	10.53%	2
Minimal (1-25%)	36.84%	7
Moderate (25-50%)	21.05%	4
Significant (51-75%)	31.58%	6
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>19</b>

**Q17** Please choose an additional essential health service (EHS) that aligns with your job duties within the local public health. If there are no other services that align, please select N/A to go to the Health Equity section.

Answered: 19 Skipped: 31



ANSWER CHOICES	RESPONSES
▼ Monitor health status to identify community health problems	5.26% 1
▼ Diagnose and investigate health problems and health hazards in the community	0.00% 0
▼ Inform, educate, and empower people about health issues	10.53% 2
▼ Mobilize community partnerships to identify and solve health problems	26.32% 5
▼ Develop policies and plans that support individual and community health efforts	0.00% 0
▼ Enforce laws and regulations that protect health and ensure safety	0.00% 0
▼ Link people to needed personal health services and assure the provision of health care when otherwise unavailable	15.79% 3
▼ Assure a competent public health and personal health care workforce	5.26% 1
▼ Evaluate effectiveness, accessibility, and quality of personal and population-based health services	0.00% 0
▼ Research for new insights and innovative solutions to health problems	10.53% 2
▼ N/A	26.32% 5
<b>TOTAL</b>	<b>19</b>

**EHS #4:**

**Mobilize Community Partnerships to Identify and Solve Health Problems**

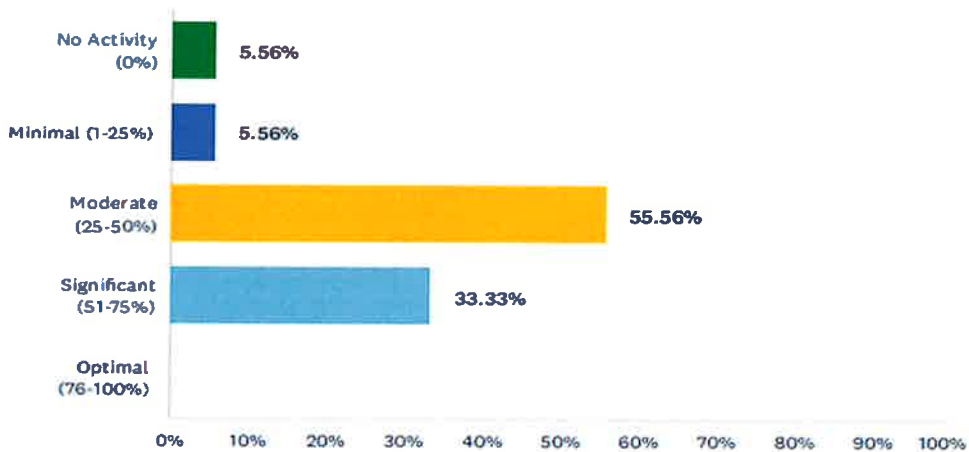
There were two questions used to rate EHS #4. Participants were asked at what level does the local public health system:

- encourage stakeholders to participate in activities to improve community health?
- establish community partnerships and strategic alliances to provide a comprehensive approach to improving health in the community?

Fifty-five percent (55%) reported that the Public Health System encouraged stakeholders to participate in activities to improve community health. Eleven per cent (11%) of respondents reported that the Public Health System is doing everything possible to establish community partnerships and strategic alliances to provide a comprehensive approach to improving health in the community. Comments were received related to: the respondent partnering with the Health Department to distribute Narcan, the collaboration in MAPP groups, MAPP collaboratives, and the need to assure elected officials and policy makers are aware of community needs.

**Q18 Encourage stakeholders to participate in activities to improve community health**

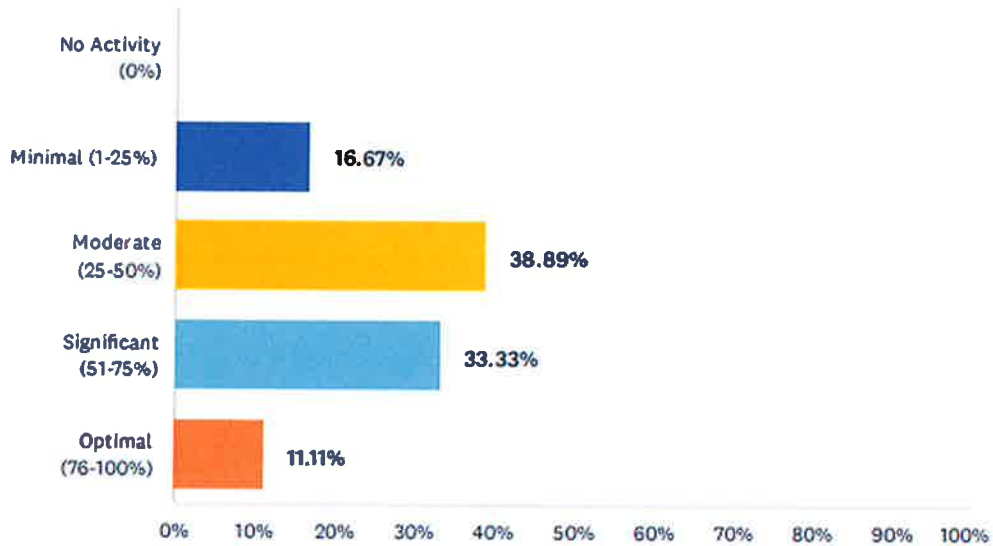
Answered: 18 Skipped: 32



ANSWER CHOICES	RESPONSES	
No Activity (0%)	5.56%	1
Minimal (1-25%)	5.56%	1
Moderate (25-50%)	55.56%	10
Significant (51-75%)	33.33%	6
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>18</b>

**Q19 Establish community partnerships and strategic alliances to provide a comprehensive approach to improving health in the community?**

Answered: 18 Skipped: 32

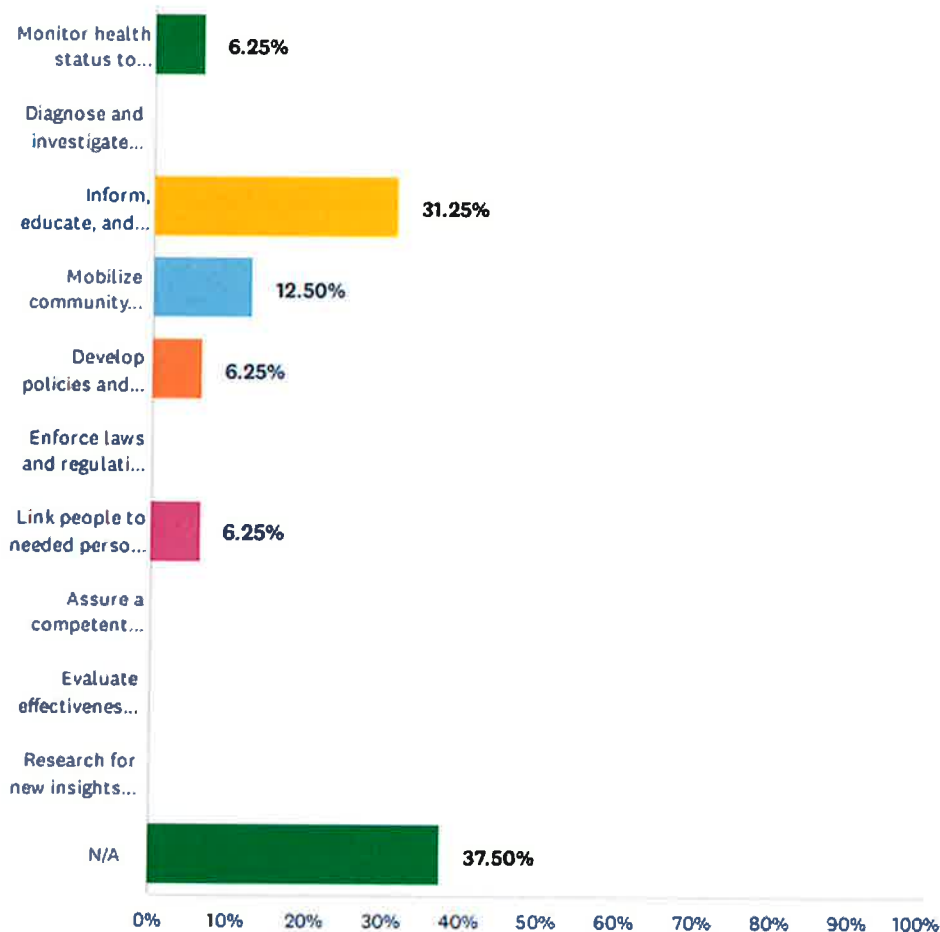


ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	16.67%	3
Moderate (25-50%)	38.89%	7
Significant (51-75%)	33.33%	6
Optimal (76-100%)	11.11%	2
<b>TOTAL</b>		<b>18</b>



**Q20** Please choose an additional essential health service (EHS) that aligns with your job duties within the local public health system. If there are no other services that align, please select N/A.

Answered: 16 Skipped: 34



ANSWER CHOICES	RESPONSES
▼ Monitor health status to identify community health problems	6.25% 1
▼ Diagnose and investigate health problems and health hazards in the community	0.00% 0
▼ Inform, educate, and empower people about health issues	31.25% 5
▼ Mobilize community partnerships to identify and solve health problems	12.50% 2
▼ Develop policies and plans that support individual and community health efforts	6.25% 1
▼ Enforce laws and regulations that protect health and ensure safety	0.00% 0
▼ Link people to needed personal health services and assure the provision of health care when otherwise unavailable	6.25% 1
▼ Assure a competent public health and personal health care workforce	0.00% 0
▼ Evaluate effectiveness, accessibility, and quality of personal and population-based health services	0.00% 0
▼ Research for new insights and innovative solutions to health problems	0.00% 0
▼ N/A	37.50% 6
<b>TOTAL</b>	<b>16</b>

## **EHS #5:**

### **Develop Policies and Plans that Support Individual and Community Health Efforts**

There were four questions asked to rate the activities for EHS #5. Participants were asked at what level does the local public health system:

- ensure that the local public health department has enough resources to do its part?
- alert policymakers and the community of the possible public health effects from current and/or proposed policies?
- establish a Community Health Improvement Plan with board-based diverse participation to develop strategies and accountability for organizations?
- develop an emergency preparedness and response plan that is tested through regular drills?

When responding to questions related to the development of policies and plans that support health efforts within Will County, twenty percent (20%) of respondents believe that the Public Health System is doing absolutely everything possible to:

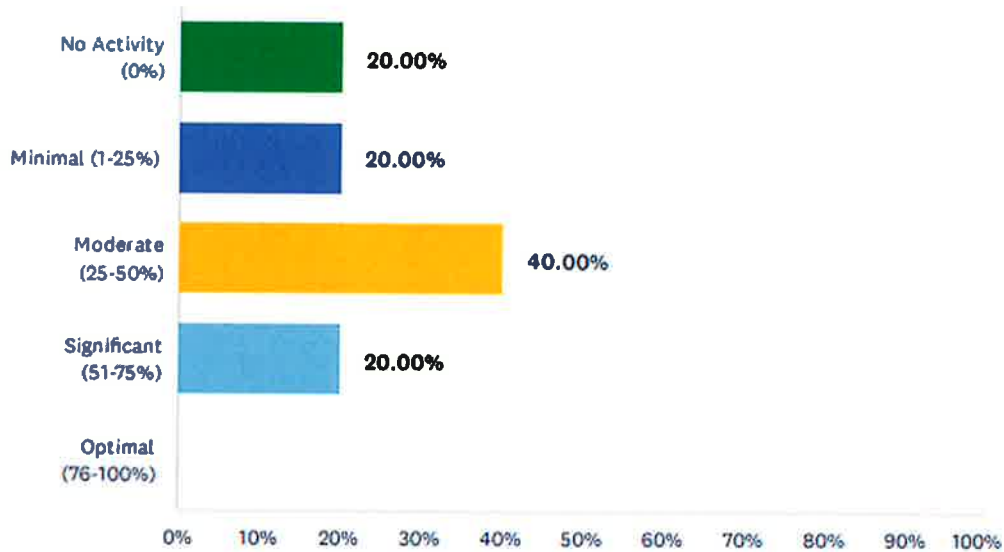
- alert policymakers and the community of the possible health effects from current and/or proposed policies
- establish a community health improvement plan with board based diverse participation to develop strategies and accountabilities for operations

Twenty percent (20%) responded that the system was significantly active in developing and testing emergency preparedness and response plans.

Comments received related to the development of policies and plans were: to alert policymakers and the community of the five-year health assessment, and the MAPP collaboration; MAPP partner organizations' development of strategies and accountabilities, and how the MAPP assessment helped to develop this tool; the diversity of the group; that improvement can be made but this is a good start; and that EMA has a solid plan that is regularly tested.

**Q21 Ensure that the local public health department has enough resources to do its part**

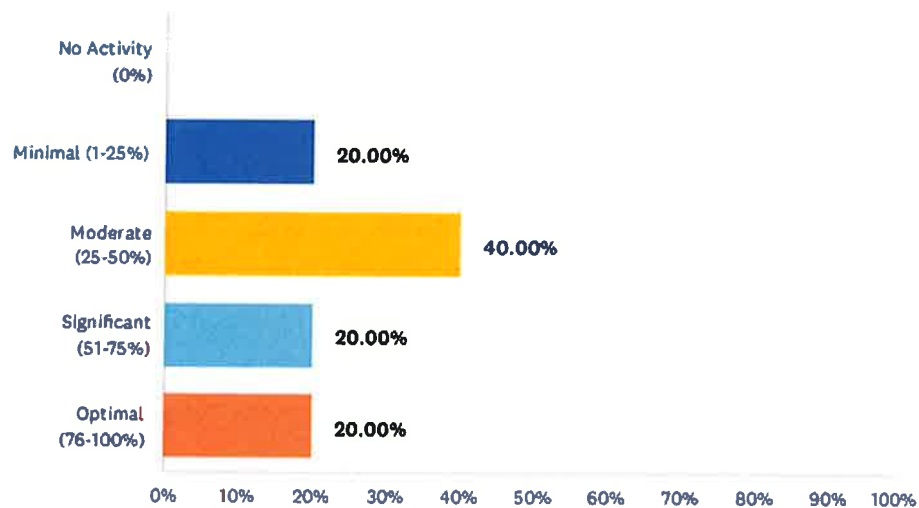
Answered: 5 Skipped: 45



ANSWER CHOICES	RESPONSES	
▼ No Activity (0%)	20.00%	1
▼ Minimal (1-25%)	20.00%	1
▼ Moderate (25-50%)	40.00%	2
▼ Significant (51-75%)	20.00%	1
▼ Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>5</b>

**Q22 Alert policymakers and the community of the possible public health effects (both intended and unintended) for current and/or pproposed policies**

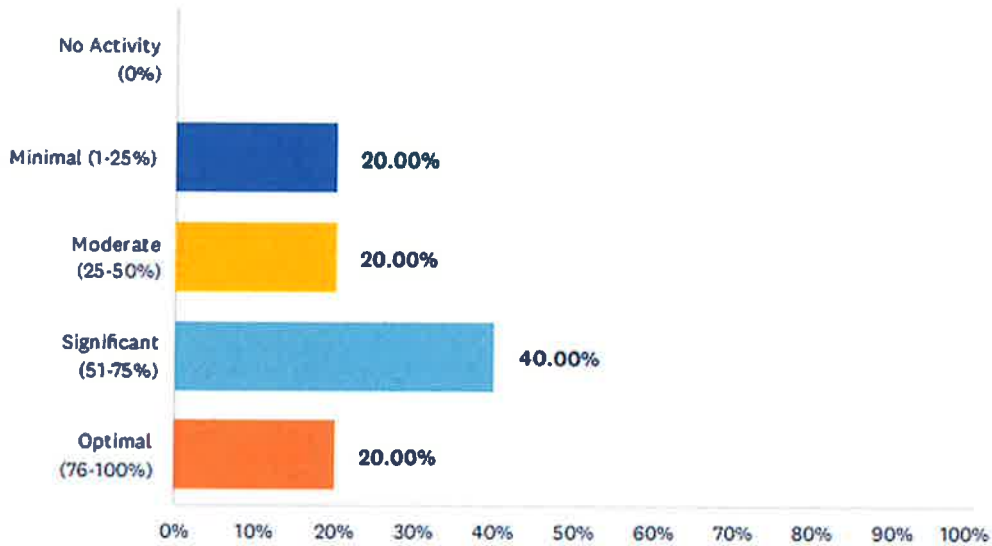
Answered: 5 Skipped: 45



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	20.00%	1
Moderate (25-50%)	40.00%	2
Significant (51-75%)	20.00%	1
Optimal (76-100%)	20.00%	1
<b>TOTAL</b>		<b>5</b>

**Q23 Establish a Community Health Improvement Plan (CHIP) with board-based diverse participation, to develop strategies and accountability for organizations**

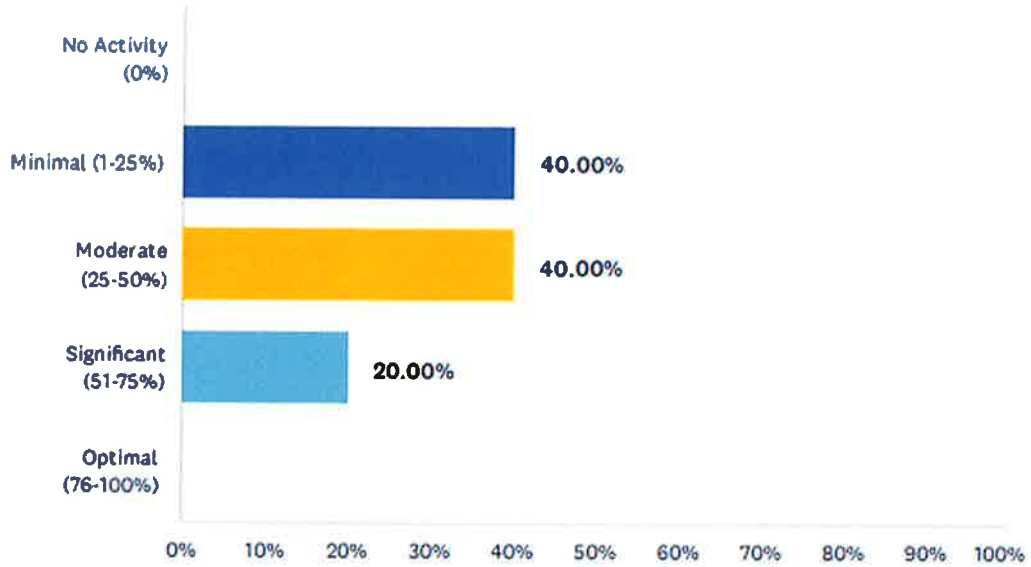
Answered: 5 Skipped: 45



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	20.00%	1
Moderate (25-50%)	20.00%	1
Significant (51-75%)	40.00%	2
Optimal (76-100%)	20.00%	1
<b>TOTAL</b>		<b>5</b>

**Q24 Develop an emergency and preparedness and response plan that is tested through regular drills**

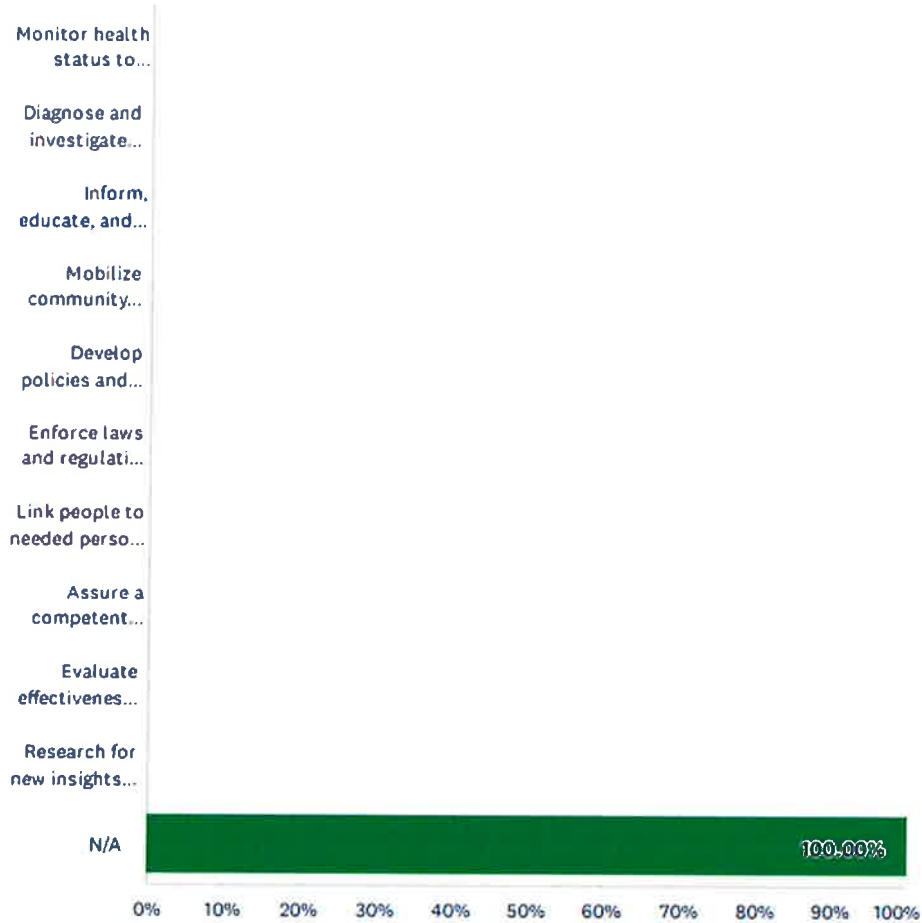
Answered: 5 Skipped: 45



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	40.00%	2
Moderate (25-50%)	40.00%	2
Significant (51-75%)	20.00%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>5</b>

**Q25** Please choose an additional essential health service (EHS) that aligns with your job duties within the local public health system. If there are no other services that align, please select N/A.

Answered: 4 Skipped: 46



ANSWER CHOICES	RESPONSES
▼ Monitor health status to identify community health problems	0.00% 0
▼ Diagnose and investigate health problems and health hazards in the community	0.00% 0
▼ Inform, educate, and empower people about health issues	0.00% 0
▼ Mobilize community partnerships to identify and solve health problems	0.00% 0
▼ Develop policies and plans that support individual and community health efforts	0.00% 0
▼ Enforce laws and regulations that protect health and ensure safety	0.00% 0
▼ Link people to needed personal health services and assure the provision of health care when otherwise unavailable	0.00% 0
▼ Assure a competent public health and personal health care workforce	0.00% 0
▼ Evaluate effectiveness, accessibility, and quality of personal and population-based health services	0.00% 0
▼ Research for new insights and innovative solutions to health problems	0.00% 0
▼ N/A	100.00% 4
<b>TOTAL</b>	<b>4</b>

## EHS 6:

### Enforce laws and regulations that protect health and ensure safety

The LPHSA survey asked three questions regarding the enforcement of existing laws, regulations, and ordinances that protect health and ensure safety.

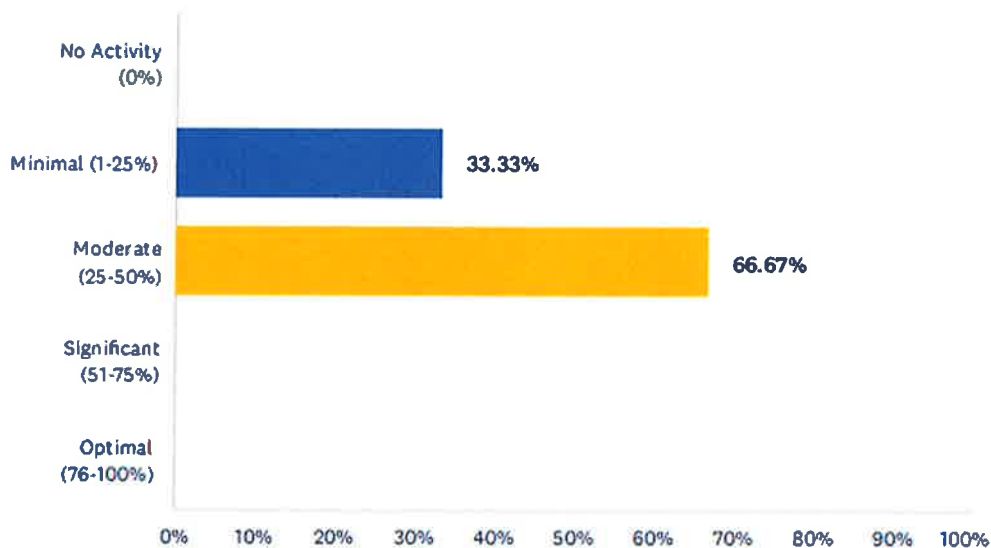
Sixty-six per cent (66%) of respondents reported room for improvement related to:

- Identifying public health issues that can be addressed through new, or amendments to current, laws, regulations or ordinances
- Reviewing existing public health laws, regulations or ordinances at least every 5 years
- Educating individuals and organizations about relevant laws, regulations and ordinances.

There were no comments submitted related to this topic.

### Q26 Identify public health issues that can be addressed through new, or amendments to current laws, regulations or ordinances

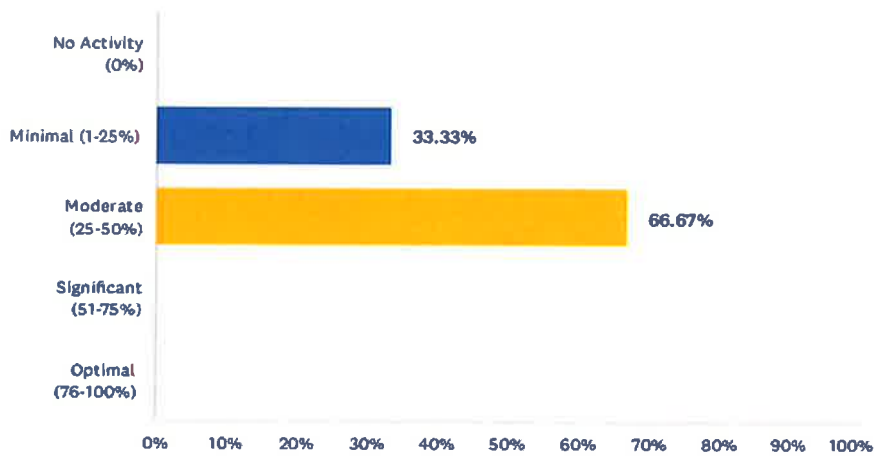
Answered: 3 Skipped: 47



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	33.33%	1
Moderate (25-50%)	66.67%	2
Significant (51-75%)	0.00%	0
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>3</b>

**Q27 Review existing public health laws, regulations, or ordinances at least every 3-5 years**

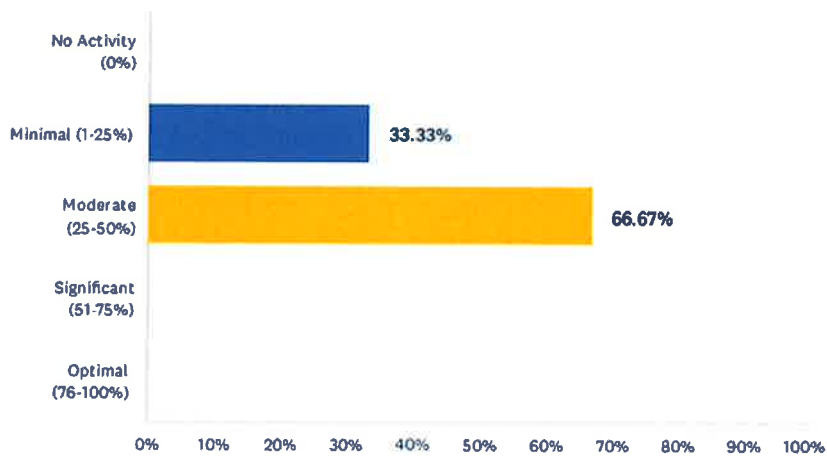
Answered: 3 Skipped: 47



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	33.33%	1
Moderate (25-50%)	66.67%	2
Significant (51-75%)	0.00%	0
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>3</b>

**Q28 Educate individuals and organizations about relevant laws, regulations, and ordinances**

Answered: 3 Skipped: 47

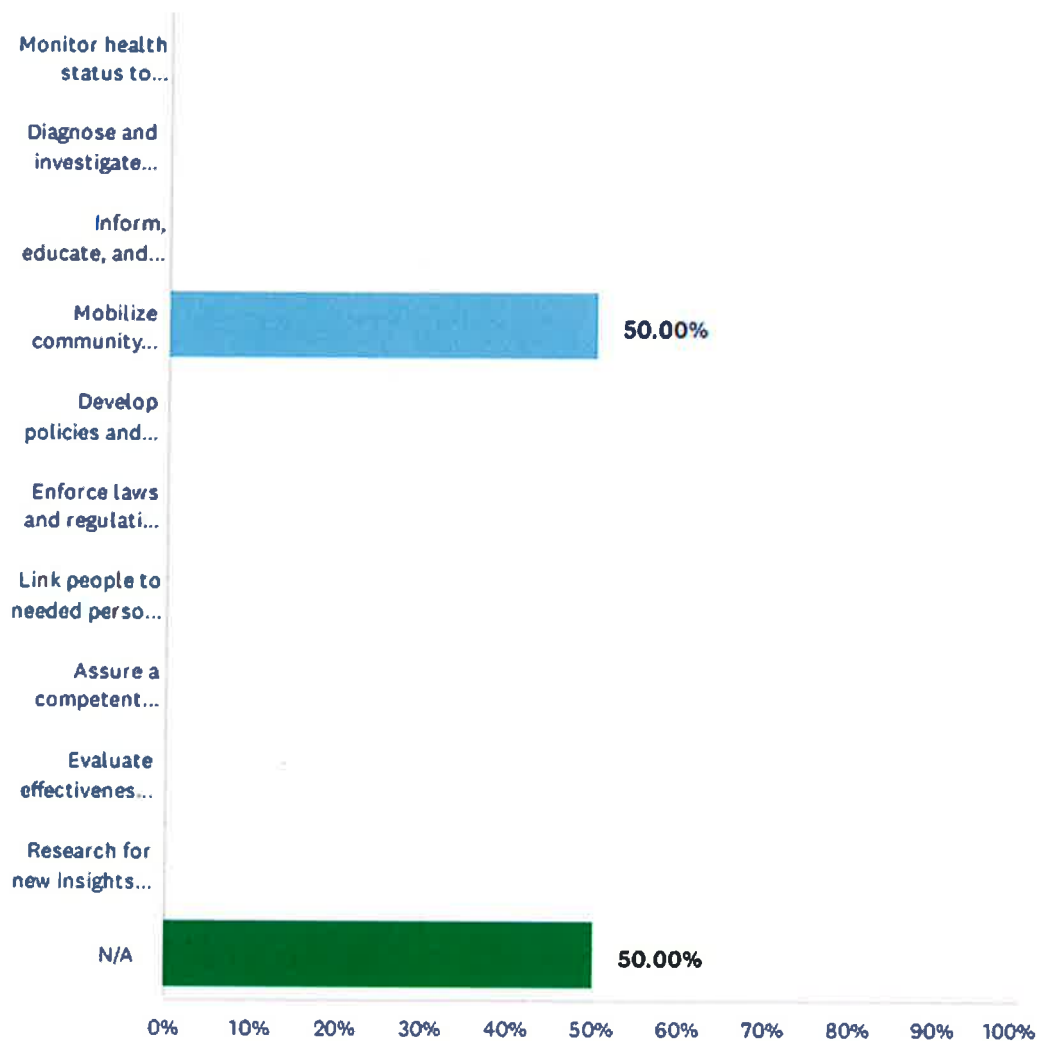




ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	33.33%	1
Moderate (25-50%)	66.67%	2
Significant (51-75%)	0.00%	0
Optimal (76-100%)	0.00%	0
TOTAL		3

**Q29** Please choose an additional essential health service (EHS) that aligns with your job duties within the local public health system. If there are no other services that align, please select N/A.

Answered: 2 Skipped: 48



ANSWER CHOICES	RESPONSES	
Monitor health status to identify community health problems	0.00%	0
Diagnose and investigate health problems and health hazards in the community	0.00%	0
Inform, educate, and empower people about health issues	0.00%	0
Mobilize community partnerships to identify and solve health problems	50.00%	1
Develop policies and plans that support individual and community health efforts	0.00%	0
Enforce laws and regulations that protect health and ensure safety	0.00%	0
Link people to needed personal health services and assure the provision of health care when otherwise unavailable	0.00%	0
Assure a competent public health and personal health care workforce	0.00%	0
Evaluate effectiveness, accessibility, and quality of personal and population-based health services	0.00%	0
Research for new insights and innovative solutions to health problems	0.00%	0
N/A	50.00%	1
<b>TOTAL</b>		<b>2</b>

## EHS 7:

### Link people to needed personal health services and assure the provision of health services

The survey included three questions related to EHS 7. Respondents were asked to what level activity does the local public health system:

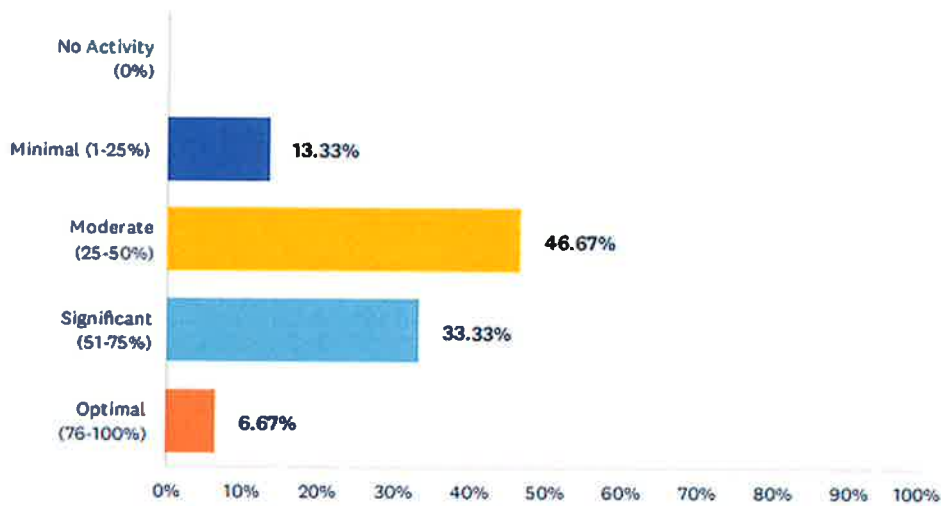
- identify groups of people in the community who have trouble accessing or connecting to personal health services?
- understand the reasons that people do not get the care they need?
- connect or link people to organizations that can provide personal health services they may need?

More than eighty-five percent (85.6%) of respondents recognize the activity of the Public Health System in identifying groups of people in the community who have trouble accessing or connecting to personal health services (optimal (7.1%) significant (35.7%) and moderate (42.8%). Seventy-one percent (71%) report moderate (35.7%) and significant (35.7%) activity connecting people to organizations that can provide the personal health services needed.

Comments from respondents related to identifying those with trouble accessing health care were: we do a great job identifying the needs of the communities; have worked with the county to provide services for those who may not otherwise afford substance use treatment; and outreach through NGOs. A comment related to the system's ability to understand the reasons people do not get the care they need was that people should listen to NGOs. Comments related to connecting people to organizations that can provide personal health services they may need, were related to: the MAPP collaborative and working with the county health department to link clients who need additional services.

**Q30 Identify groups of people in the community who have trouble accessing or connecting to personal health services**

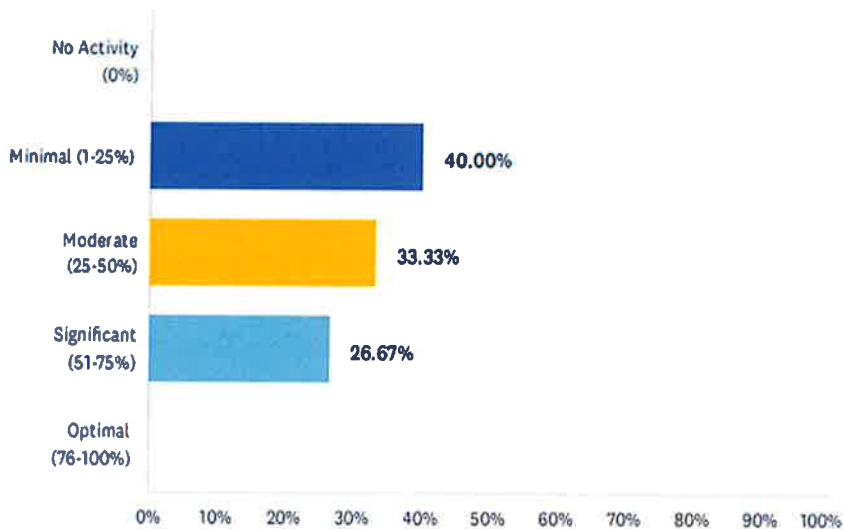
Answered: 15 Skipped: 35



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	13.33%	2
Moderate (25-50%)	46.67%	7
Significant (51-75%)	33.33%	5
Optimal (76-100%)	6.67%	1
<b>TOTAL</b>		<b>15</b>

**Q31 Understand the reasons that people do not get the care they need**

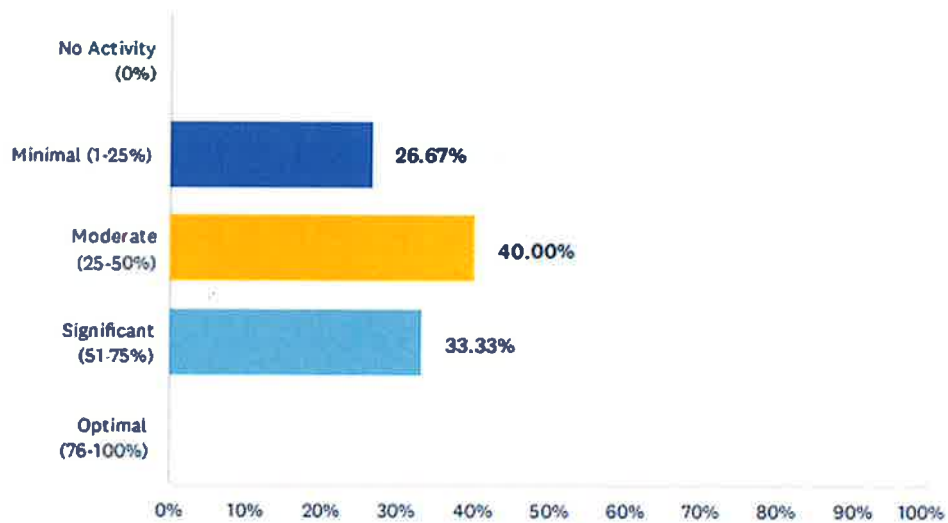
Answered: 15 Skipped: 35



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	40.00%	6
Moderate (25-50%)	33.33%	5
Significant (51-75%)	26.67%	4
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>15</b>

**Q32 Connect or link people to organizations that can provide personal health services they may need**

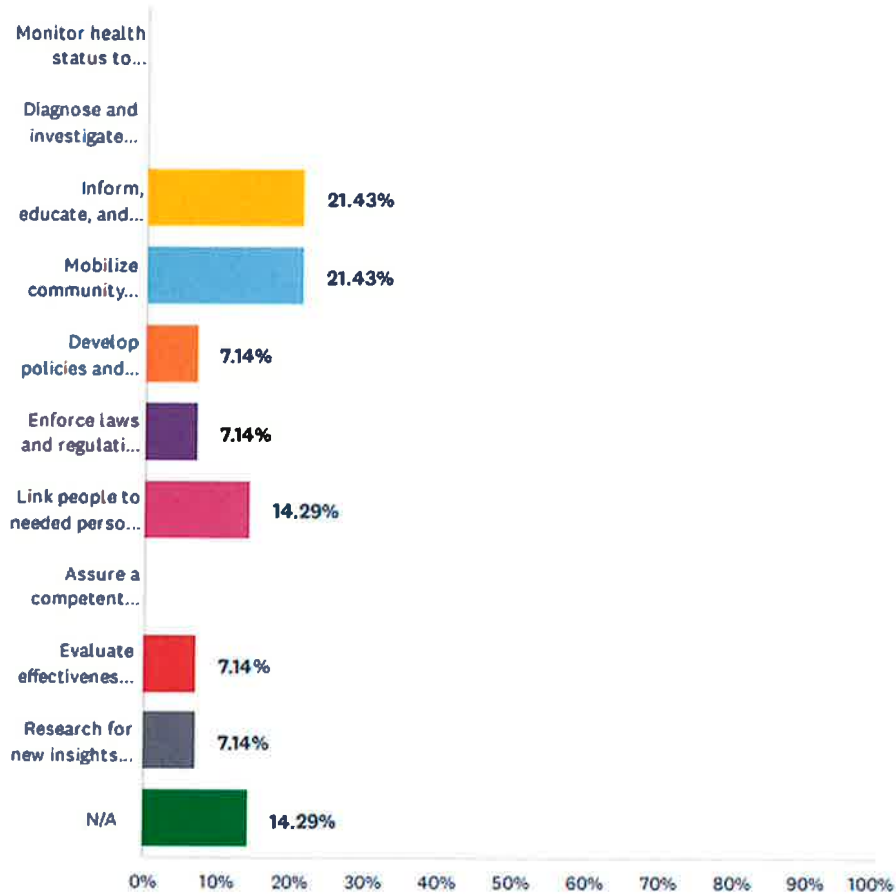
Answered: 15 Skipped: 35



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	26.67%	4
Moderate (25-50%)	40.00%	6
Significant (51-75%)	33.33%	5
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>15</b>

**Q33** Please choose an additional essential health service (EHS) that aligns with your job duties within the local public health system. If there are no other services that align, please select N/A.

Answered: 14 Skipped: 36



ANSWER CHOICES	RESPONSES
▼ Monitor health status to identify community health problems	0.00% 0
▼ Diagnose and investigate health problems and health hazards in the community	0.00% 0
▼ Inform, educate, and empower people about health issues	21.43% 3
▼ Mobilize community partnerships to identify and solve health problems	21.43% 3
▼ Develop policies and plans that support individual and community health efforts	7.14% 1
▼ Enforce laws and regulations that protect health and ensure safety	7.14% 1
▼ Link people to needed personal health services and assure the provision of health care when otherwise unavailable	14.29% 2
▼ Assure a competent public health and personal health care workforce	0.00% 0
▼ Evaluate effectiveness, accessibility, and quality of personal and population-based health services	7.14% 1
▼ Research for new insights and innovative solutions to health problems	7.14% 1
▼ N/A	14.29% 2
<b>TOTAL</b>	<b>14</b>

## **EHS 8:**

### **Assure a competent public and personal health care workforce**

Five questions were included regarding EHS 8. Participants were asked at what level the local public health system:

- completes a workforce assessment to identify and address gaps in the local public health system workforce?
- ensures that all members of the local public health workforce have the required certificates, licenses, and education needed to fulfill their jobs duties and comply with legal requirements?
- creates and supports collaboration among organizations for training and education?
- continually trains the public health workforce to deliver services in a culturally competent manner and understand the social determinants of health?
- provides opportunities for the development of leaders who represent the diversity of the community?

Sixty-six percent (66.6%) of respondents reported moderate (33.3%) to significant (33.3%) activity related to:

- assessing the workforce to identify and address gaps in the local public health workforce.
- training the workforce to deliver services in a culturally competent manner and understand the social determinants of health.

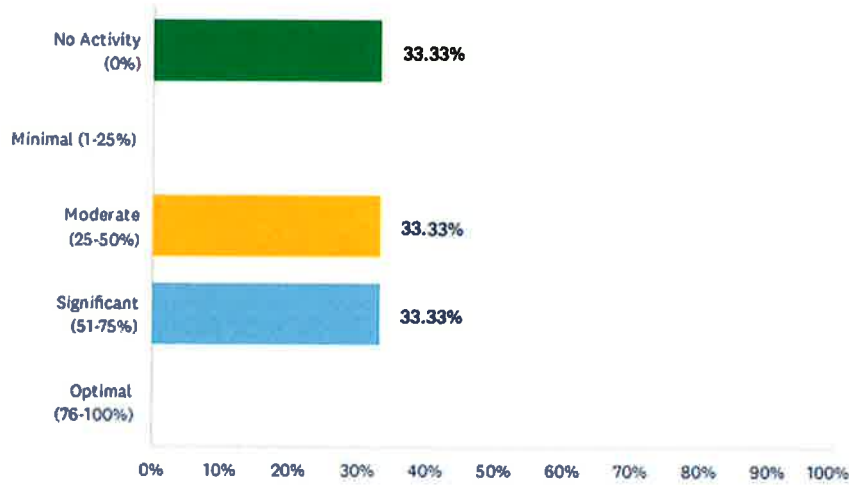
Fifty percent (50%) report moderate and fifty percent significant (50%) actions are taken to ensure the workforce has the required licenses, certificates and education to comply with legal requirements.

A need for substantial improvement was identified by respondents who reported minimal activity related to collaborations among organizations for training and continued education, and the provision of opportunities for the development of leaders who represent the diversity of the community.

No comments were submitted related to EHS 8.

**Q34 Complete a workforce assessment to identify and address gaps in the local public health workforce**

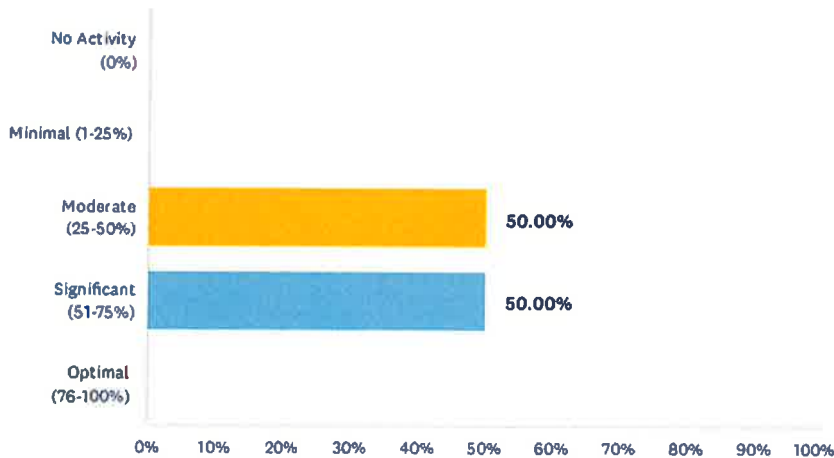
Answered: 3 Skipped: 47



ANSWER CHOICES	RESPONSES	
No Activity (0%)	33.33%	1
Minimal (1-25%)	0.00%	0
Moderate (25-50%)	33.33%	1
Significant (51-75%)	33.33%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>3</b>

**Q35 Ensure that all members of the local public health workforce have the required certificates, licenses, and education needed to fulfill their job duties and comply with legal requirements**

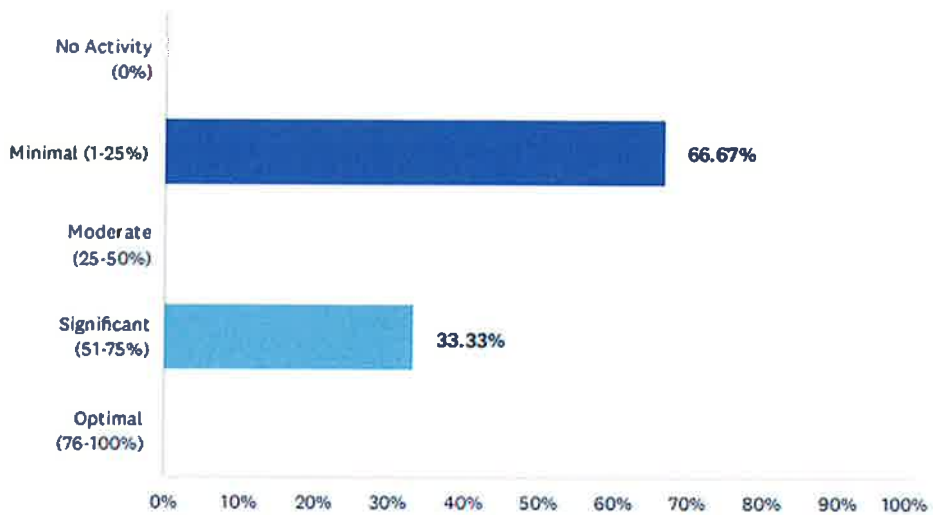
Answered: 2 Skipped: 48



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	0.00%	0
Moderate (25-50%)	50.00%	1
Significant (51-75%)	50.00%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>2</b>

**Q36 Create and support collaboration among organizations for training and education**

Answered: 3 Skipped: 47

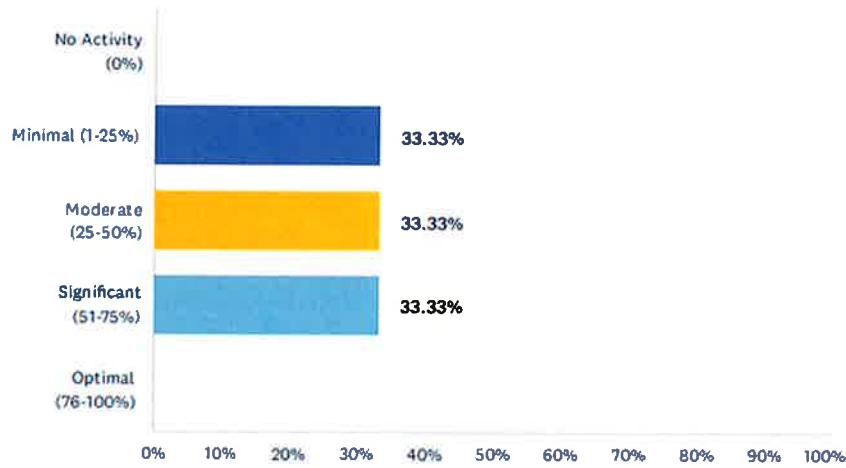


ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	66.67%	2
Moderate (25-50%)	0.00%	0
Significant (51-75%)	33.33%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>3</b>



**Q37 Continually train the public health workforce to deliver services in a culturally competent manner and understand the social determinants of health**

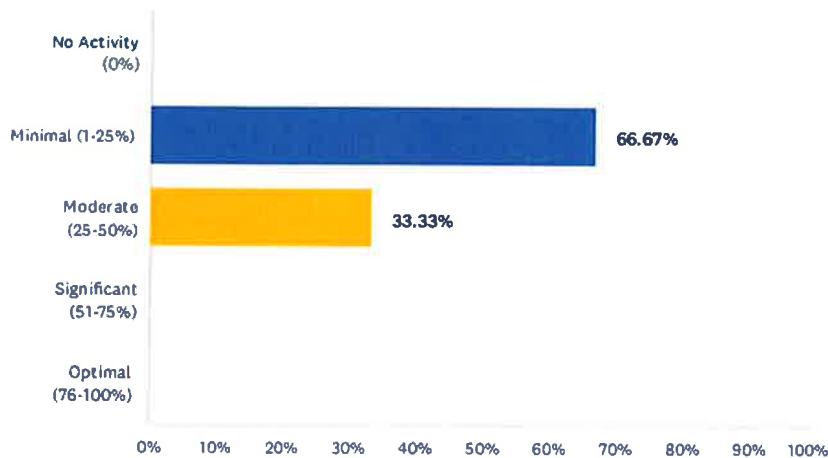
Answered: 3 Skipped: 47



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	33.33%	1
Moderate (25-50%)	33.33%	1
Significant (51-75%)	33.33%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>3</b>

**Q38 Provides opportunities for the development of leaders who represent the diversity of the community**

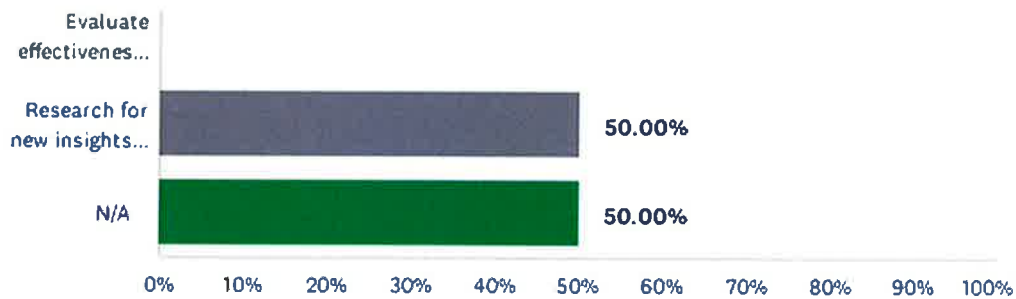
Answered: 3 Skipped: 47



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	66.67%	2
Moderate (25-50%)	33.33%	1
Significant (51-75%)	0.00%	0
Optimal (76-100%)	0.00%	0
TOTAL		3

**Q39** Please choose an additional essential health service (EHS) that aligns with your job duties within the local public health system. If there are no other services that align, please select NA.

Answered: 2 Skipped: 48



ANSWER CHOICES	RESPONSES	
Monitor health status to identify community health problems	0.00%	0
Diagnose and investigate health problems and health hazards in the community	0.00%	0
Inform, educate, and empower people about health issues	0.00%	0
Mobilize community partnerships to identify and solve health problems	0.00%	0
Develop policies and plans that support individual and community health efforts	0.00%	0
Enforce laws and regulations that protect health and ensure safety	0.00%	0
Link people to needed personal health services and assure the provision of health care when otherwise unavailable	0.00%	0
Assure a competent public health and personal health care workforce	0.00%	0
Evaluate effectiveness, accessibility, and quality of personal and population-based health services	0.00%	0
Research for new insights and innovative solutions to health problems	50.00%	1
N/A	50.00%	1
TOTAL		2

## EHS 9:

### Evaluate effectiveness, accessibility, and quality of personal/population-based health services

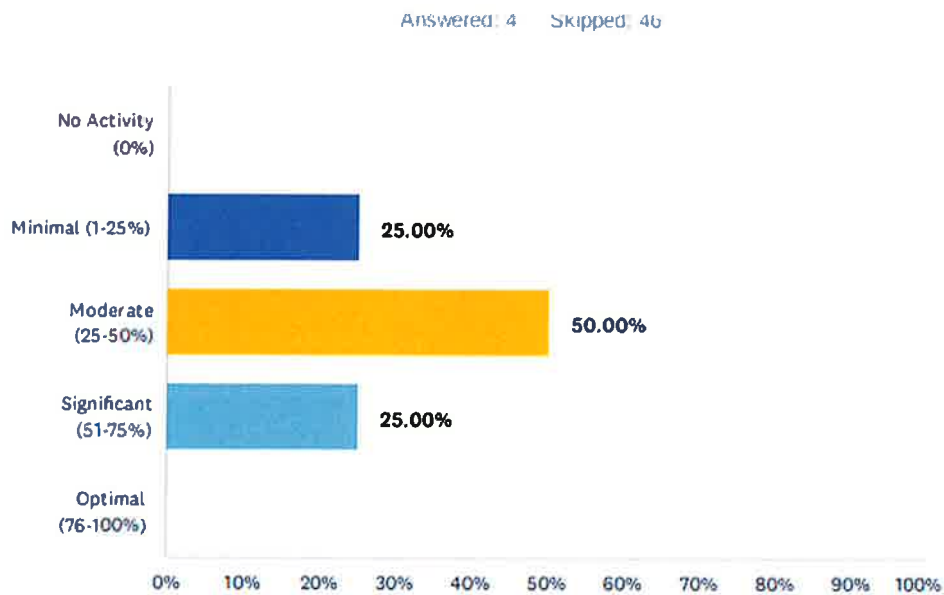
Four questions were used to evaluate EHS9. Although the public health system is reported to be moderately active, fifty percent (50%) believe there is still an opportunity for greater improvement in:

- evaluating how well population-based health services are working
- evaluating the accessibility, quality and effectiveness of personal health services
- measuring user satisfaction with personal health services
- using technology to improve quality of care

No (0) participants indicated that the public health system was optimally active or doing nothing to evaluate the effectiveness of services.

There were no comments submitted related to EHS9.

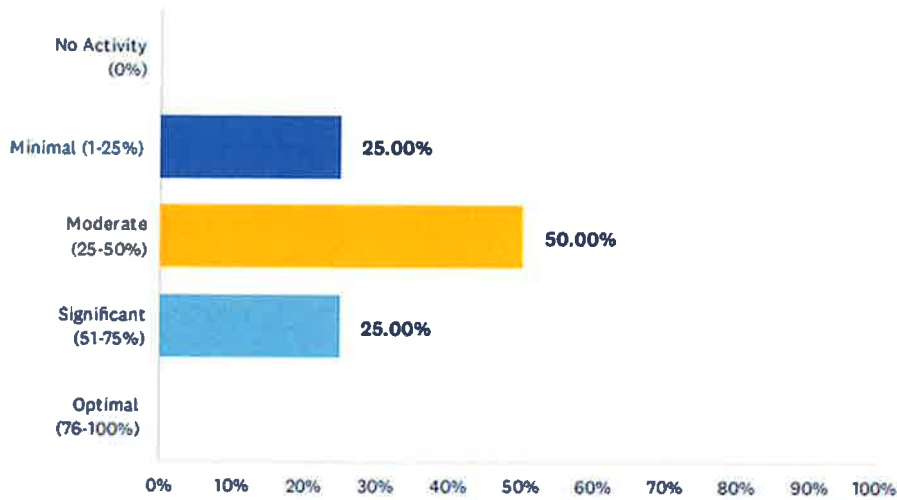
### Q40 Evaluate how well population-based health services are working



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	25.00%	1
Moderate (25-50%)	50.00%	2
Significant (51-75%)	25.00%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>4</b>

### Q41 Evaluate the accessibility, quality, and effectiveness of personal health services

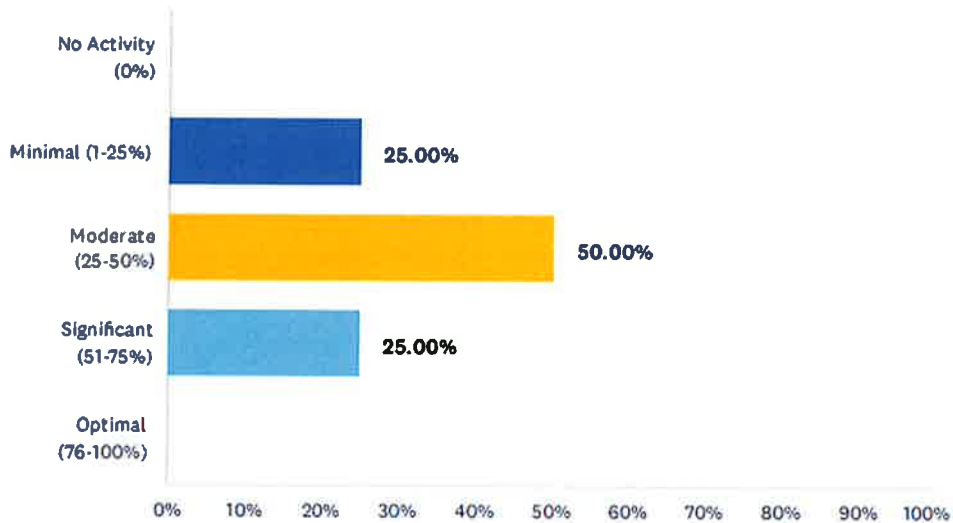
Answered: 4 Skipped: 46



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	25.00%	1
Moderate (25-50%)	50.00%	2
Significant (51-75%)	25.00%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>4</b>

### Q42 Measure user satisfaction with personal health services

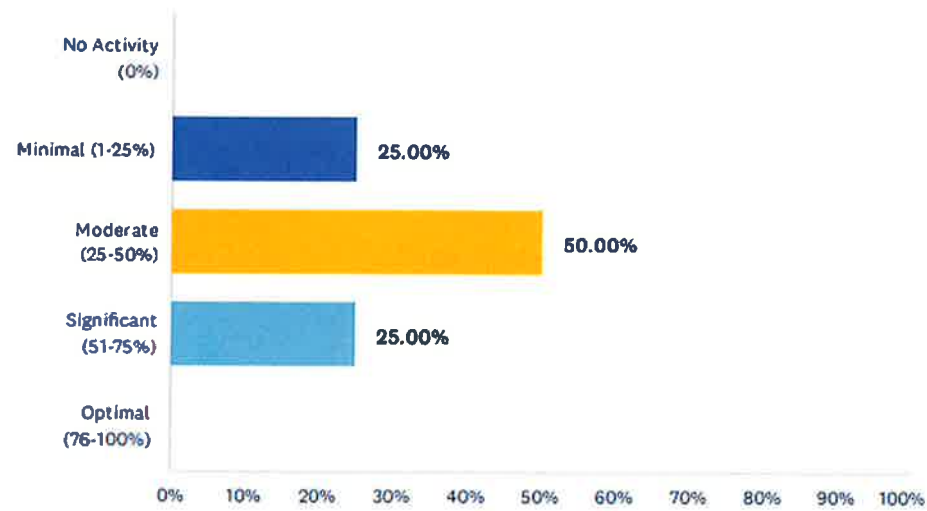
Answered: 4 Skipped: 46



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	25.00%	1
Moderate (25-50%)	50.00%	2
Significant (51-75%)	25.00%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>4</b>

### Q43 Use technology to improve quality of care

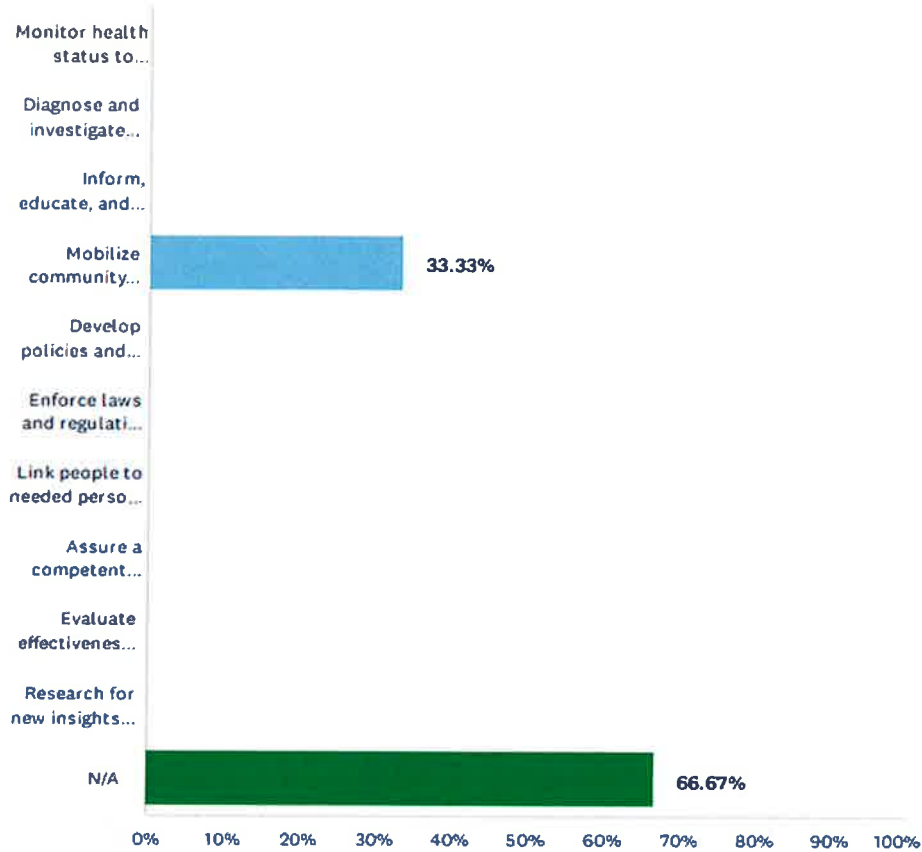
Answered: 4 Skipped: 46



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	25.00%	1
Moderate (25-50%)	50.00%	2
Significant (51-75%)	25.00%	1
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>4</b>

**Q44** Please choose an additional essential health service (EHS) that aligns with your job duties within the local public health system. If there are no other services that align, please select NA

Answered: 3 Skipped: 47



ANSWER CHOICES	RESPONSES
Monitor health status to identify community health problems	0.00% 0
Diagnose and investigate health problems and health hazards in the community	0.00% 0
Inform, educate, and empower people about health issues	0.00% 0
Mobilize community partnerships to identify and solve health problems	33.33% 1
Develop policies and plans that support individual and community health efforts	0.00% 0
Enforce laws and regulations that protect health and ensure safety	0.00% 0
Link people to needed personal health services and assure the provision of health care when otherwise unavailable	0.00% 0
Assure a competent public health and personal health care workforce	0.00% 0
Evaluate effectiveness, accessibility, and quality of personal and population-based health services	0.00% 0
Research for new insights and innovative solutions to health problems	0.00% 0
N/A	66.67% 2
<b>TOTAL</b>	<b>3</b>

## EHS 10:

### Research for new insights innovation solution to health problems

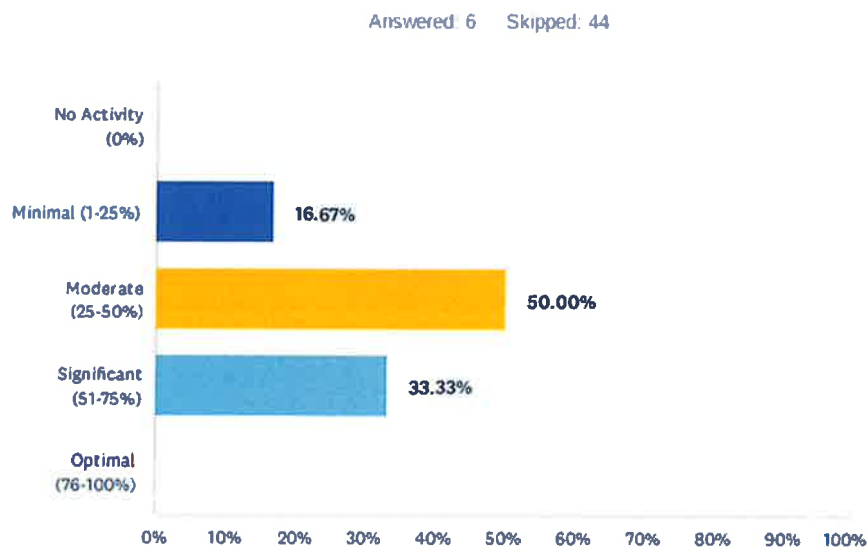
Using two questions, participants were asked to rank the Public Health System's efforts to:

- keep up with information from other agencies and organizations at the local, state and national levels about current best practices in public health?
- Encourage colleges, universities and other research organizations to work together with the local public health system organizations to develop projects?

Fifty percent (50%) believe there are moderate efforts to keep up with information from other organizations and current best practices in public health. More than sixteen percent (16.7%) responded that there were no efforts by the Public Health System to encourage cooperation between Public Health System organizations, while the same number (16.7%), reported the system is expending optimal efforts to encourage organizations to work together.

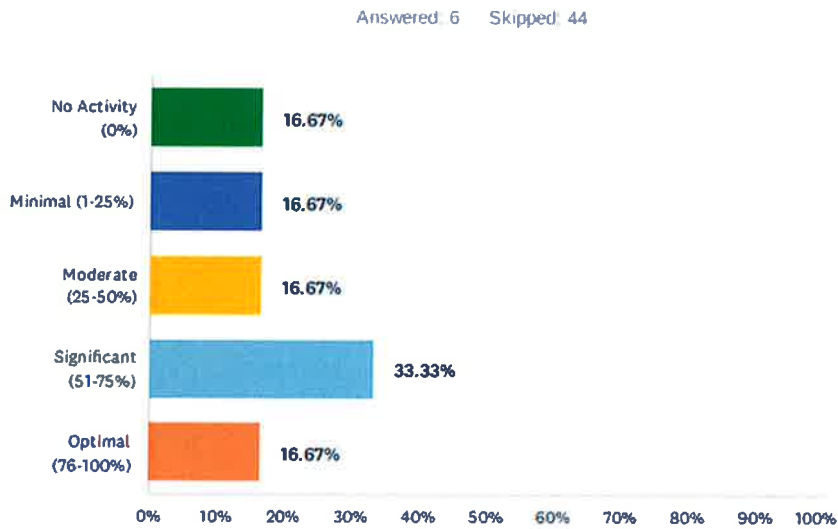
No comments were submitted related to EHS 10.

### Q45 Keep up with information from other agencies and organizations at the local, state, and national levels about current best practices in public health



ANSWER CHOICES	RESPONSES	
No Activity (0%)	0.00%	0
Minimal (1-25%)	16.67%	1
Moderate (25-50%)	50.00%	3
Significant (51-75%)	33.33%	2
Optimal (76-100%)	0.00%	0
<b>TOTAL</b>		<b>6</b>

**Q46 Encourage colleges, universities, and other research organizations to work together with the local public health organizations to develop projects**

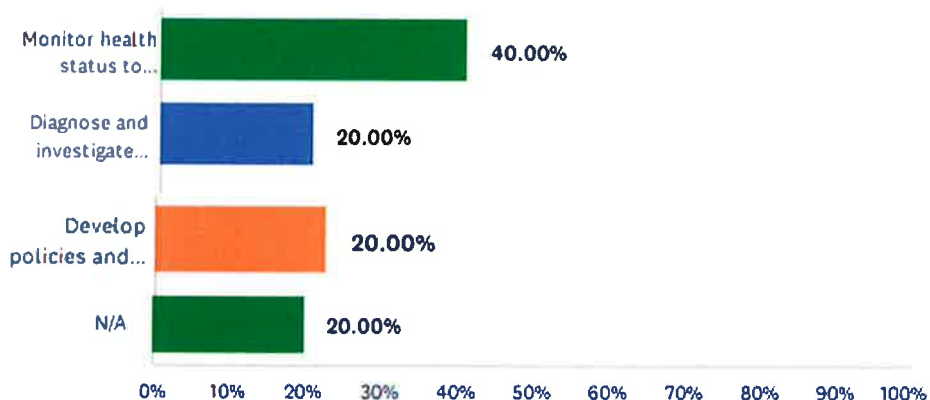


ANSWER CHOICES	RESPONSES	
No Activity (0%)	16.67%	1
Minimal (1-25%)	16.67%	1
Moderate (25-50%)	16.67%	1
Significant (51-75%)	33.33%	2
Optimal (76-100%)	16.67%	1
<b>TOTAL</b>		<b>6</b>



**Q47** Please choose an additional essential health service (EHS) that aligns with your job duties within the local public health system. If there are no other services that align, please select NA

Answered: 5 Skipped: 45



ANSWER CHOICES	RESPONSES
Monitor health status to identify community health problems	40.00% 2
Diagnose and investigate health problems and health hazards in the community	20.00% 1
Inform, educate, and empower people about health issues	0.00% 0
Mobilize community partnerships to identify and solve health problems	0.00% 0
Develop policies and plans that support individual and community health efforts	20.00% 1
Enforce laws and regulations that protect health and ensure safety	0.00% 0
Link people to needed personal health services and assure the provision of health care when otherwise unavailable	0.00% 0
Assure a competent public health and personal health care workforce	0.00% 0
Evaluate effectiveness, accessibility, and quality of personal and population-based health services	0.00% 0
Research for new insights and innovative solutions to health problems	0.00% 0
N/A	20.00% 1
<b>TOTAL</b>	<b>5</b>

## Appendix A

### 2022 Will County LPHS Essential Public Health Service Scores (Mean Data)

EPHS	No Activity	Minimal Activity	Moderate Activity	Significant Activity	Optimal Activity
EPHS 1	33.33%	33.33%	0%	33.33%	0%
EPHS 2	26.66%	39.99%	6.66%	26%	0%
EPHS 3	4.09%	20.24%	39.76%	34.57%	1.31%
EPHS 4	2.78%	11.15%	47.22%	33.33%	5.55%
EPHS 5	5%	30%	35%	25%	10%
EPHS 6	0%	33.33%	66.67%	0%	0%
EPHS 7	0%	28.57%	35.71%	33.33%	2.38%
EPHS 8	6.66%	33.33%	29.99%	29.99%	0%
EPHS 9	0%	25%	50%	25%	0%
EPHS 10	8.33%	16.67%	33.33%	33.33%	8%

The 10 Essential Public Health Services “provide a framework for public health to protect and promote the health of all people in all communities”<sup>i</sup>.

The table provides the mean scores for each section of questions related to that specific EPHS. The highest mean score in each column is highlighted.

The Ten Essential Public Health Services are:

- EPHS 1: Monitoring Health Status
- EPHS2: Diagnoses and Investigating Needs
- EPHS3: Educate and Empower
- EPHS4: Mobilize Partnerships
- EPHS5: Develop policies/plans
- EPHS6: Enforce Laws
- EPHS7: Link to Health Services
- EPHS8: Assure Workforce
- EPHS9: Evaluate Services
- EPHS10: Research/Innovate

Information related to these services is obtained through various questions asked the participants. Mean score results are calculated to provide insight through data and action trends.

Optimal activity scores indicate that the respondents believe the public health system is doing absolutely everything possible for this activity and there is no room for improvement.

Significant activity scores indicate that the respondents believe the public health system participates a great deal in this activity and there is opportunity for minor improvement.

Moderate activity scores indicate that the respondents believe the public health system somewhat participates in this activity and there is opportunity for greater improvement.

Minimal activity scores indicate that the respondents believe the public health system provides a limited activity and there is opportunity for substantial improvement.

No activity scores indicate that the respondents believe the public health system does not participate in this activity at all.

## **Health Equity**

Six questions were added to obtain additional information regarding at what level does the local public health system:

- conduct a community health assessment that includes indicators intended to monitor differences in health and wellness across populations according to race, ethnicity, age, income, immigration status, sexual identity, education, gender and neighborhood?
- operate or participate in surveillance systems designed to monitor health inequities and identify the social determinants of health inequities specific to its communities?
- provide information about community health status and community health needs in the context of health inequity and social justice?
- work to influence laws, policies and practices that mention inequitable distribution of resources that may influence access to personal health services?
- recruit and train staff members to reflect the community they serve?
- is the organization involved and engaged in Grassroots community impact?

A small number of participants, 3.5%, believe that the system is not conducting community health assessments to monitor differences in health and wellness across Will County populations. While 96.5% believe assessment activities are taking place to some degree, minimal (21.4%), moderate (42.8%), significant (21.4%) and optimal (10.7%).

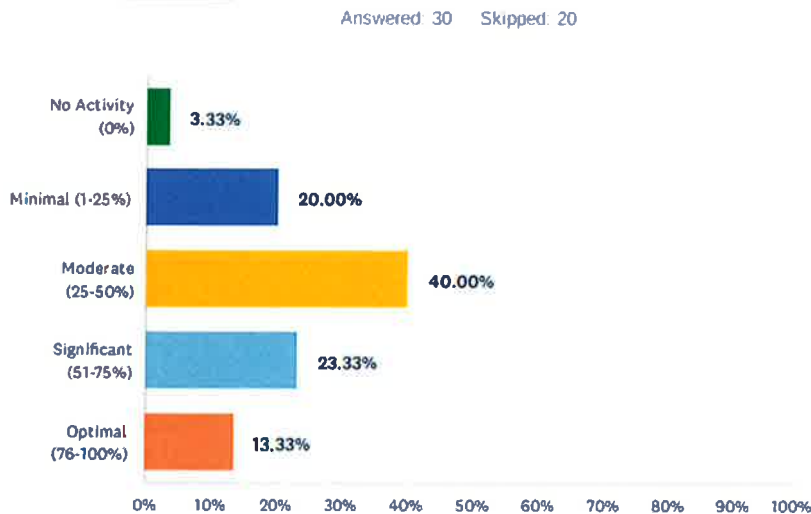
Most (85.7%) respondents believe that the Public Health System participates, to some degree, in surveillance systems designed to monitor health inequities and determinants of health inequities specific to its communities. Also, 89.2% believe, to some degree, that the health system:

- provides information about community health status and community health needs in the context of health inequity and social injustice
- work to influence laws, policies and practices that maintain inequitable distribution of resources that may influence access to personal health services.

More than 81% responded that the Local public health system expended moderate (46.4%) or significant (25%) activity to recruit and train staff member to reflect the community they serve. Related to participating in surveillance systems to monitor health inequities, comments received were: on site surveys; personally unaware of such activities. Comments related to providing information about community health status, comments were associated with: a five-year health assessment; and information tables at food pantry sites.

In the LPHA, as well as the Health Equity section, questions pertain to equity. The data charts, list these questions and the associated EPHS.

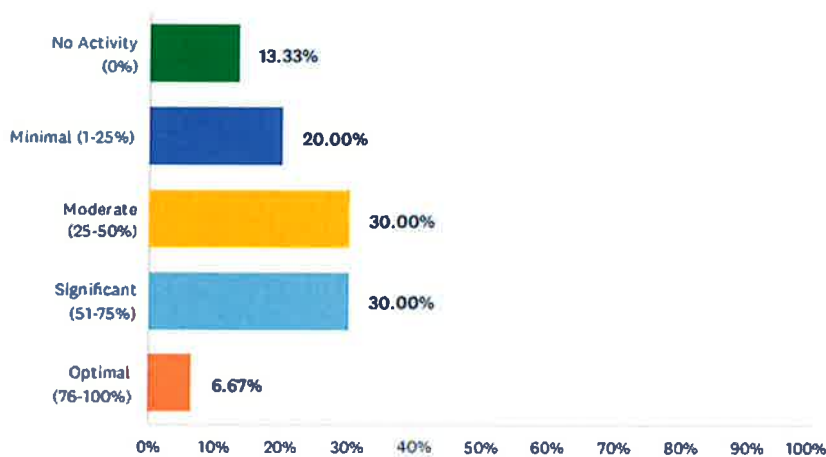
**Q48 Conduct a community health assessment that includes indicators (data) intended to monitor differences in health and wellness across populations according to race, ethnicity, age, income immigration status, sexual identify, education, gender and neighborhood (zip code)**



ANSWER CHOICES	RESPONSES	
No Activity (0%)	3.33%	1
Minimal (1-25%)	20.00%	6
Moderate (25-50%)	40.00%	12
Significant (51-75%)	23.33%	7
Optimal (76-100%)	13.33%	4
TOTAL		30

**Q49 Operate or participate in surveillance systems designed to monitor health inequities and identify the social determinants of health inequities and identify the social determinants of health inequities specific to its communities**

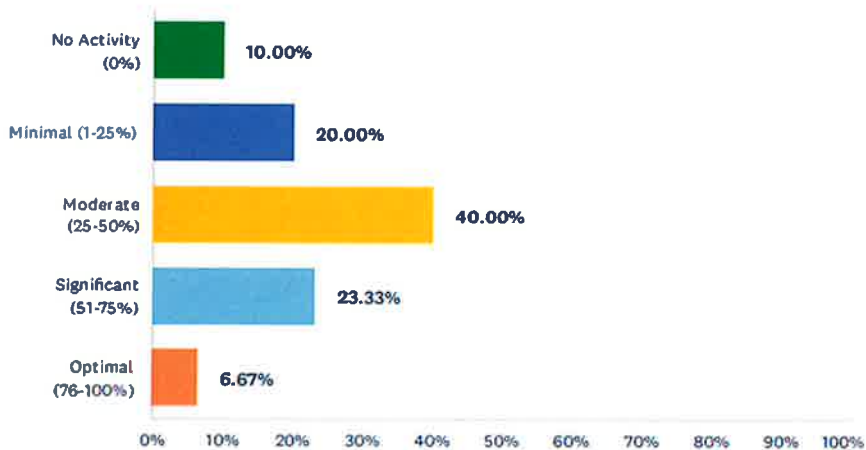
Answered: 30 Skipped: 20



ANSWER CHOICES	RESPONSES	
No Activity (0%)	13.33%	4
Minimal (1-25%)	20.00%	6
Moderate (25-50%)	30.00%	9
Significant (51-75%)	30.00%	9
Optimal (76-100%)	6.67%	2
TOTAL		30

**Q50 Provide information about community health status (e.g., heart disease, cancer rates, and environmental risks) and community health needs in the context of health inequity and social justice**

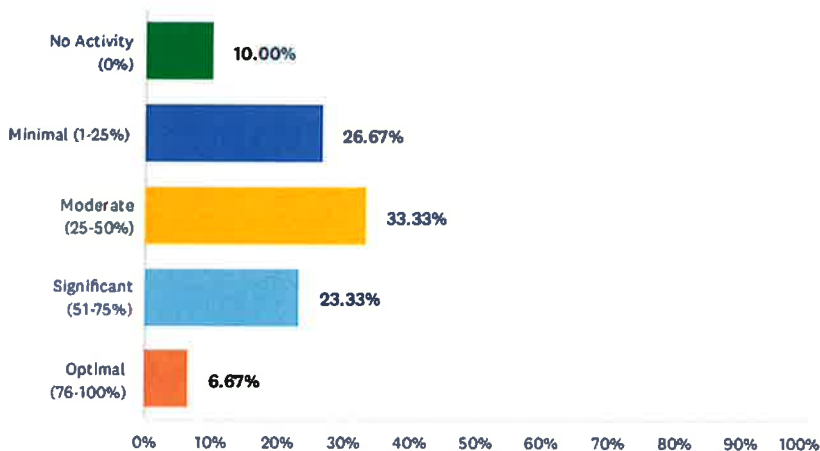
Answered: 30 Skipped: 20



ANSWER CHOICES	RESPONSES	
No Activity (0%)	10.00%	3
Minimal (1-25%)	20.00%	6
Moderate (25-50%)	40.00%	12
Significant (51-75%)	23.33%	7
Optimal (76-100%)	6.67%	2
<b>TOTAL</b>		<b>30</b>

**Q51 Work to influence laws, policies, and practices that maintain inequitable distribution of resources that may influence access to personal health services**

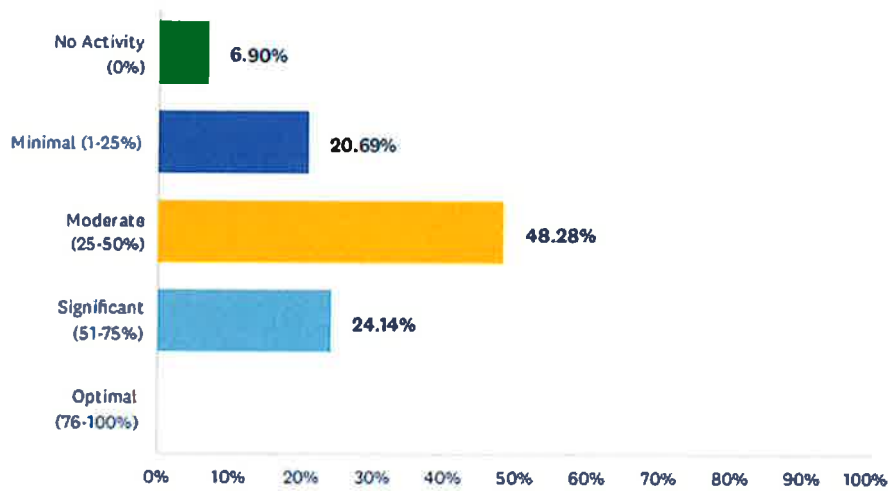
Answered: 30 Skipped: 20



ANSWER CHOICES	RESPONSES	
No Activity (0%)	10.00%	3
Minimal (1-25%)	26.67%	8
Moderate (25-50%)	33.33%	10
Significant (51-75%)	23.33%	7
Optimal (76-100%)	6.67%	2
TOTAL		30

**Q52 Recruit and train staff members to reflect the community they serve**

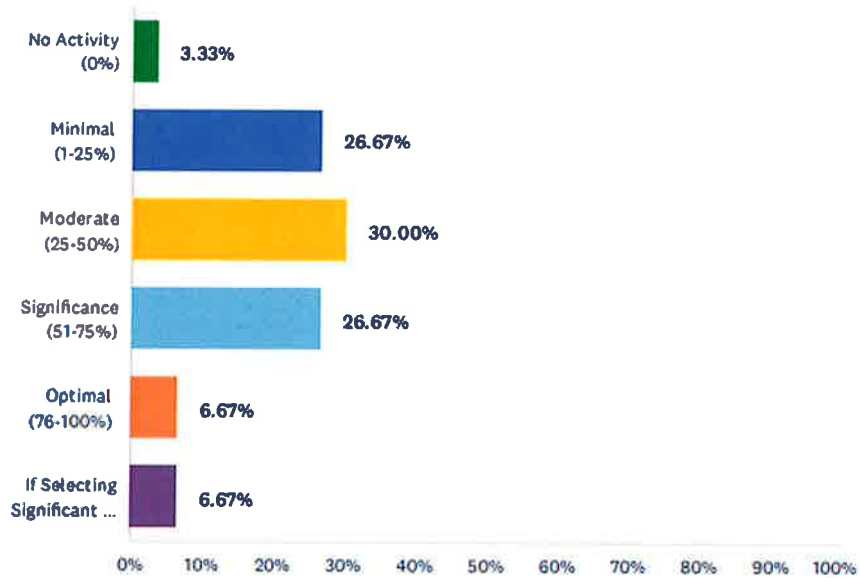
Answered: 29 Skipped: 21



ANSWER CHOICES	RESPONSES	
No Activity (0%)	6.90%	2
Minimal (1-25%)	20.69%	6
Moderate (25-50%)	48.28%	14
Significant (51-75%)	24.14%	7
Optimal (76-100%)	0.00%	0
TOTAL		29

### Q53 The organization is involved and engaged in Grassroots community impact

Answered: 30 Skipped: 20



ANSWER CHOICES	RESPONSES	
No Activity (0%)	3.33%	1
Minimal (1-25%)	26.67%	8
Moderate (25-50%)	30.00%	9
Significance (51-75%)	26.67%	8
Optimal (76-100%)	6.67%	2
If Selecting Significant or Optimal, Please list actions items associated with response.	6.67%	2
<b>TOTAL</b>		<b>30</b>



## Appendix B

### Questions Related to Equity in 2022 LPHSA

EPHS	Question Number	
4	19	Establish community partnerships and strategic alliances to provide a comprehensive approach to improving the health in the community.
5	23	Establish a Community Health Improvement Plan with board based diverse participation, to develop strategies and accountability for organizations.
7	30	Identify groups of people in the community who have trouble accessing or connecting to personal health services.
2	34	Complete a workforce assessment to identify and address gaps in the local public health workforce.
10	36	Create and support collaborative research, training and education.
8	37	Train public health workforce to deliver services in a culturally competent manner and understand the social determinants of health.
8	38	Provide opportunities for the development of leaders who represent the diversity of the community.
9	41	Evaluate the accessibility, quality, and effectiveness of personal health services.
1	48	Conduct a community health assessment that includes indicators intended to monitor differences in health and wellness across populations according to race, ethnicity, age, income, immigration status, sexual identity, education, gender and neighborhood.
1	49	Operate or participate in surveillance systems designed to monitor health inequities and identify the social determinants of health inequities specific to its communities.
3	50	Provide information about community health status and community health needs in the context of health inequity and social justice.
6	51	Work to influence laws, policies and practices that maintain inequitable distribution of resources that may influence access to personal health services.

## Appendix C

### 2022 Will County LPHS Health Equity Scores

EPHS	Question		No Activity	Minimal Activity	Moderate Activity	Significant Activity	Optimal Activity
1	48	Conduct assessment to monitor differences	3.57%	21.43%	42.86%	21.43%	10.71%
	49	Surveillance and monitoring	14.29%	21.43%	32.14%	25.00%	7.14%
2	34	Identify and address gaps	33.33%	0.00%	33.33%	33.33%	0.00%
3	50	Inform community	10.71%	21.43%	39.29%	21.43%	7.14%
4	19	Establish partnerships	0.00%	16.67%	38.89%	33.33%	11.11%
5	23	Develop strategies and plans	0.00%	20.00%	20.00%	40.00%	20.00%
6	51	Laws and policies	10.71%	28.57%	32.14%	21.53%	7.14%
7	30	Link people to services	0.00%	14.29%	42.86%	35.71%	7.14%
8	37	Competent workforce	0.00%	33.33%	33.33%	33.33%	0.00%
	38	Develop leaders	0.00%	66.67%	33.33%	0.00%	0.00%
	52	Staff reflect community	7.14%	21.43%	46.43%	25.00%	0.00%
9	41	Evaluate accessibility and quality	0.00%	25.00%	50.00%	25.00%	0.00%
10	36	Collaborative research, training and education	0.00%	66.67%	0.00%	33.33%	0.00%

The most optimal (20%) and most significant (40%) activities were associated with establishing a Community Health Improvement Plan with board based diverse participation, to develop strategies and accountability for organizations. Thirty-three percent (33%) responded no activity completing a workforce assessment to identify and address gaps in the local public health workforce.

## Appendix D

Participants Represented	Constituency Represented
<input checked="" type="checkbox"/>	Universities/Educational Organizations
<input checked="" type="checkbox"/>	Community Health/Health Department
<input checked="" type="checkbox"/>	Community Member
<input checked="" type="checkbox"/>	Law Enforcement
<input checked="" type="checkbox"/>	Departments of Parks and Recreation
<input type="checkbox"/>	Department of Transportation
<input type="checkbox"/>	Department of Veteran Affairs
<input type="checkbox"/>	Emergency Preparedness and Response
<input checked="" type="checkbox"/>	Public Safety
<input checked="" type="checkbox"/>	Environmental Health
<input type="checkbox"/>	Epidemiology/Communicable Disease
<input checked="" type="checkbox"/>	Faith Based Organizations
<input checked="" type="checkbox"/>	Human Resources
<input checked="" type="checkbox"/>	Healthcare Providers
<input checked="" type="checkbox"/>	Healthcare systems/clinic, hospital, FQHC
<input type="checkbox"/>	Local Board, Governance
<input checked="" type="checkbox"/>	Mental/Behavioral Health
<input type="checkbox"/>	Laboratories
<input type="checkbox"/>	State, Federal Governing Agency
<input checked="" type="checkbox"/>	Social Services
<input checked="" type="checkbox"/>	Nutritionist/Dietician

## 2022 Will County MAPP Collaborative Local Public Health System Assessment

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<sup>1</sup> CDC Essential Public Health Services, 2020