

IFSS Framework – Basic Level Gen Eds
B23 Public Health Principles

Definition: Introductory knowledge, skills, and abilities related to how regulatory agencies promote health and prevent and control feed- and food-related illness.

Topic Area TLO (Terminal Learning Objective): Discuss basic public health concepts.

Topic Area ELOs (Enabling Learning Objective):

- Explain public health principles.
- Discuss how public health principles are applied to the food system to protect consumers.
- Explain the relationships among agent, host, and environment with respect to hazards in food.
- Explain the agency’s role to protect consumers.
- Apply public health principles while conducting regulatory activities.

Unit 1: Foundations	TLO Behavioral Anchors - not all-inclusive
<p>Definition: Base knowledge of public health principles and successes related to feed and food programs.</p> <p>TLO: Discuss public health principles and successes.</p> <p>ELOs:</p> <ul style="list-style-type: none"> • Define relevant terminology. • Locate resources. • State the goal of public health. • Describe the three components of public health. • Explain what actions public health professionals take to promote public health. • Provide examples of public health programs. • Provide examples of public health 	<ul style="list-style-type: none"> • The regulator can describe the goal of public health: <ul style="list-style-type: none"> a. Promote population health • The regulator can give an example of public health programs. • The regulator can list the three components of public health: <ul style="list-style-type: none"> a. Assessment b. Policy development c. Assurance • The regulator can describe a public health success.

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successes.

<p>Unit 2: Assessment</p> <p>Definition: The evaluation of data to determine the impact from exposure to disease and the effects on public health.</p> <p>TLO: Describe the best practices for public health assessments.</p> <p>ELOs:</p> <ul style="list-style-type: none"> • Explain the importance of assessment. • Explain the role of epidemiology. • Explain the role of risk factors. • Discuss the purpose of data collection and analysis. • Explain the public health implications of a disease. • Differentiate active and passive surveillance. 	<p>TLO Behavioral Anchors - not all-inclusive</p> <ul style="list-style-type: none"> • The regulator can discuss the role of epidemiology. • The regulator can explain the importance of data collection. • The regulator can discuss the importance of assessment. • The regulator can describe active surveillance. • The regulator can describe passive surveillance.
<p>Unit 3: Policy Development</p> <p>Definition: A basic knowledge of policy development.</p> <p>TLO: Describe policy development and implementation.</p> <p>ELOs:</p>	<p>TLO Behavioral Anchors - not all-inclusive</p> <ul style="list-style-type: none"> • The regulator can describe how incidents influence public health policy. • The regulator can discuss how political forces affect public health policy. • The regulator can give an example of public health policy implementation.

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<ul style="list-style-type: none"> • Explain how incidents drive policy. • Explain how research influences policy. • Explain how stakeholders influence policy. • Explain how the political process influences policy. • Explain how policy is implemented. • Give an example of the implementation of a public health policy. 	
<p>Unit 4: Education and Outreach</p>	<p>TLO Behavioral Anchors - not all-inclusive</p> <ul style="list-style-type: none"> • The regulator can describe the importance of education and outreach in public health. • The regulator can give an example of a public health communication method.
<p>Definition: A description of how the public health professional can be proactive to educate and protect the community.</p> <p>TLO: Describe the use of education and outreach in public health.</p> <p>ELOs:</p> <ul style="list-style-type: none"> • Explain the importance of education and outreach. • Give examples of health communication methods. • Identify relevant public health issues for outreach. • Describe populations that would benefit from education and outreach. • Explain outreach methods for intended 	

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audience.	
Unit 5: Disease Mitigation	<p>TLO Behavioral Anchors - not all-inclusive</p> <ul style="list-style-type: none"> • The regulator can discuss methods to prevent or control disease. • The regulator can describe a disease control strategy. • The regulator can list two means of disease transmission.
<p>Definition: Basic knowledge of disease mitigation.</p> <p>TLO: Describe approaches to prevent, reduce, or control disease.</p> <p>ELOs:</p> <ul style="list-style-type: none"> • Discuss the importance of disease mitigation. • Discuss disease prevention strategies. • Explain modes of disease transmission. • List risk factors that increase susceptibility to disease in populations. 	
Unit 6: Emerging Health Issues	<p>TLO Behavioral Anchors - not all-inclusive</p> <ul style="list-style-type: none"> • The regulator can give an example of an emerging health issue. • The regulator can describe how an emerging health issues impacts regulation.
<p>Definition: How emerging health issues can influence public health.</p> <p>TLO: Identify how emerging health issues affect public health.</p> <p>ELOs:</p> <ul style="list-style-type: none"> • Describe the concept of emerging health issues. • Provide an example of how an emerging 	

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<p>health issue has impacted public health policy and regulation.</p> <ul style="list-style-type: none"> • Provide examples of currently emerging health issues. 	
<p>Unit 7: Feed/Food Safety Professional’s Role in Public Health</p>	<p>TLO Behavioral Anchors - not all-inclusive</p> <ul style="list-style-type: none"> • The regulator can describe the regulator’s role in promoting public health. • The regulator can provide an example of how a food safety regulator promotes public health.
<p>Definition: Basic knowledge of how food regulatory agencies promote public health.</p> <p>TLO: Describe the role of the food safety professional in public health.</p>	
<p>ELOs:</p> <ul style="list-style-type: none"> • Describe the contribution of feed/food safety activities to public health. • Discuss how feed/food safety is influenced by public health. • Describe the role of feed/food safety professionals in mitigation of public health threats. • Describe the role of feed/food safety professionals in promoting public health. • Give an example of how a feed/food safety professional promotes public health. 	