

Epidemiology Competency Assessment Form — Tier 1 Epidemiologist

Individuals — Use this form to evaluate your level of understanding and ability to perform each of the following competencies.

Organizations — Use this form to evaluate epidemiologic competence of current staff members.

Training and Competency:
 1 = Awareness: You have no training or experience.
 2 = Basic: You have received basic training.
 3 = Intermediate: You have repeated successful experiences.
 4 = Advanced: You can perform the actions associated with this skill without assistance.
 5 = Expert: You are known inside or outside the organization as an expert.

Importance:
 1 = An important competency for my position
 2 = Neutral
 3 = Not an important competency for my position

Frequency:
 D = Daily
 W = Weekly
 M = Monthly
 R = Rarely
 A = As needed

Skill Domain	Epidemiology Competency: The competency statements below are abbreviated from the comprehensive competency statements in the AEC document	1	2	3	4	5	Importance	Frequency
1, A-1	Recognize the existence of a public health problem							
1, A-3	Collaborate with others inside and outside the agency to identify the problem							
1, B-2	Identify surveillance data needs							
1, B-3,4	Implement new or revise existing surveillance systems and report key surveillance findings							
1, B-5	Support evaluation of surveillance systems							
1, C-1,3	Assist in conducting a community health status assessment and characterizing investigative processes							
1, C-4,5	Assist in design of investigation, including creating hypothesis							
1, D-1	Follow ethics guidelines and principles when planning studies; conducting research; and collecting, disseminating, and using data							
1, D-4,5	Describe human subjects research and apply Institutional Review Board (IRB) processes, as directed							
1, D-7	Apply knowledge of privacy laws to protect confidentiality, including Health Insurance Portability and Accountability Act (HIPAA) and applicable state and local privacy laws							
1, E-2	Maintain databases							
1, F-1,2	Use analysis plans and analyze data							
1, G-3	Identify key findings from the study							
1, H-1	Define cultural/social/political framework for recommended interventions							
1, I	Assist in evaluation of programs							



Epidemiology Competency Assessment Form — Tier 1 Epidemiologist (page 2)

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2, A	Apply understanding of human and environmental biology and behavioral sciences and principles to determine potential biological mechanisms of disease							
2, A-2	Use knowledge of human and environmental biology and behavioral sciences and principles to determine potential biological mechanisms of disease							
2, B	Identify the role of laboratory resources in epidemiologic activities							
2, C	Use identified informatics tools in support of epidemiologic practice							
3, A	Prepare written and oral reports and presentations that communicate necessary information to agency staff							
3, B	Recognize the basic principles of risk communication							
3, C-1	Demonstrate ability to listen effectively when epidemiologic findings are presented or discussed							
3, D	Use effective communication technologies							
4	Provide epidemiologic input for community planning processes							
5	Practice culturally sensitive epidemiologic activities							
6	Apply appropriate fiscal and administrative guidelines to epidemiology practice							
7, B	Support the organization's vision in all programs and activities							
7, D	Promote ethical conduct in epidemiologic practice							
7, E	Practice professional development							
8, A-1	Describe how policy decisions are made within the agency							

