

Medical College of Georgia
 Department of Health Informatics
 MPH in Health Informatics Competencies (Final)

Part 1. MPH Core Competencies – Core Courses					
Domain	Competencies	MPH Course(s)	Proficiency		
			+ ¹	++	+++
Biostatistics <i>Biostatistics is the development and application of statistical reasoning and methods in addressing, analyzing and solving problems in public health; health care; and biomedical, clinical and population-based research.</i>	1. Describe the roles biostatistics serves in the discipline of public health.	STAT 7010		✓	
	2. Describe basic concepts of probability, random variation and commonly used statistical probability distributions.	STAT 7010		✓	
	3. Describe preferred methodological alternatives to commonly used statistical methods when assumptions are not met.	STAT 7010		✓	
	4. Distinguish among the different measurement scales and the implications for selection of statistical methods to be used based on these distinctions.	STAT 7010		✓	
	5. Apply descriptive techniques commonly used to summarize public health data.	STAT 7010		✓	
	6. Apply common statistical methods for inference.	STAT 7010		✓	
	7. Apply descriptive and inferential methodologies according to the type of study design for answering a particular research question.	STAT 7010		✓	
	8. Apply basic informatics techniques with vital statistics and public health records in the description of public health characteristics and in public health research and evaluation.				
	9. Interpret results of statistical analyses found in public health studies.	STAT 7010		✓	
	10. Develop written and oral presentations based on statistical analyses for both public health professionals and educated lay audiences.	STAT 7010		✓	
Environmental Health Sciences <i>Environmental health sciences represent the study of environmental factors including biological, physical and chemical factors that affect the health of a community.</i>	1. Describe and direct and indirect human, ecological and safety effects of major environmental and occupational agents.	IMPH 8700			✓
	2. Describe genetic, physiologic and psychosocial factors that affect susceptibility to adverse health outcomes following exposure to environmental hazards.	IMPH 8700			✓
	3. Describe federal and state regulatory programs, guidelines and authorities that control environmental health issues.	IMPH 8700			✓
	4. Specify current environmental risk assessment methods.	IMPH 8700			✓
	5. Specify approaches for assessing, preventing and controlling environmental hazards that pose risks to human health and safety.	IMPH 8700			✓
	6. Explain the general mechanisms of toxicity in eliciting a toxic response to various environmental exposures.	IMPH 8700			✓
	7. Discuss various risk management and risk communication approaches in relation to issues of environmental justice and equity.				
	8. Develop a testable model of environmental insult.	IMPH 8700			✓

Part 1. MPH Core Competencies – Core Courses

Domain	Competencies	MPH Course(s)	Proficiency		
			+ ¹	++	+++
Epidemiology <i>Epidemiology is the study of patterns of disease and injury in human populations and the application of this study to the control of health problems.</i>	1. Identify key sources of data for epidemiologic purposes.				
	2. Identify the principles and limitations of public health screening programs.				
	3. Describe a public health problem in terms of magnitude, person, time and place.				
	4. Explain the importance of epidemiology for informing scientific, ethical, economic and political discussion of health issues.				
	5. Comprehend basic ethical and legal principles pertaining to the collection, maintenance, use and dissemination of epidemiologic data.				
	6. Apply the basic terminology and definitions of epidemiology.				
	7. Calculate basic epidemiology measures.				
	8. Communicate epidemiologic information to lay and professional audiences.				
	9. Draw appropriate inferences from epidemiologic data.				
	10. Evaluate the strengths and limitations of epidemiologic reports.				
Health Policy & Management <i>Health policy and management is a multidisciplinary field of inquiry and practice concerned with the delivery, quality and costs of health care for individuals and populations. This definition assumes both a managerial and a policy concern with the structure, process and outcomes of health services including the costs, financing, organization, outcomes and accessibility of care.</i>	1. Identify the main components and issues of the organization, financing and delivery of health services and public health systems in the US.	IMPH 7101		✓	
		IMPH 7104		✓	
		IMPH 8200		✓	
	2. Describe the legal and ethical bases for public health and health services.	IMPH 7101		✓	
	3. Explain methods of ensuring community health safety and preparedness.	IMPH 7101		✓	
	4. Discuss the policy process for improving the health status of populations.	IMPH 7101		✓	
	5. Apply the principles of program planning, development, budgeting, management and evaluation in organizational and community initiatives.	IMPH 7101		✓	
		IMPH 7102	✓		
		IMPH 7104		✓	
	6. Apply principles of strategic planning and marketing to public health.	IMPH 7101		✓	
7. Apply quality and performance improvement concepts to address organizational performance issues.	IMPH 7102	✓			
	IMPH 7210			✓	
	IMPH 8200		✓		
8. Apply "systems thinking" for resolving organizational problems.	IMPH 7102	✓			
	IMPH 7210			✓	
9. Communicate health policy and management issues using appropriate channels and technologies.	IMPH 7101		✓		
	IMPH 7102	✓			
10. Demonstrate leadership skills for building partnerships.	IMPH 7101		✓		
	IMPH 7102	✓			
	IMPH 7210		✓		
Social & Behavioral Sciences <i>The social and behavioral sciences in public health</i>	1. Identify basic theories, concepts and models from a range of social and behavioral disciplines that are used in public health research and practice.	IMPH 8600			✓
	2. Identify the causes of social and behavioral factors that affect health of individuals and populations.	IMPH 8600			✓

Part 1. MPH Core Competencies – Core Courses

Domain	Competencies	MPH Course(s)	Proficiency		
			+ ¹	++	+++
<i>address the behavioral, social and cultural factors related to individual and population health and health disparities over the life course. Research and practice in this area contributes to the development, administration and evaluation of programs and policies in public health and health services to promote and sustain healthy environments and healthy lives for individuals and populations.</i>	3. Identify individual, organizational and community concerns, assets, resources and deficits for social and behavioral science interventions.	IMPH 8600			✓
	4. Identify critical stakeholders for the planning, implementation and evaluation of public health programs, policies and interventions.	IMPH 7101		✓	
		IMPH 8600			✓
	5. Describe steps and procedures for the planning, implementation and evaluation of public health programs, policies and interventions.	STAT 7010	✓		
		IMPH 8600			✓
	6. Describe the role of social and community factors in both the onset and solution of public health problems.	IMPH 8600			✓
	7. Describe the merits of social and behavioral science interventions and policies.	IMPH 8600			✓
	8. Apply evidence-based approaches in the development and evaluation of social and behavioral science interventions.	IMPH 8600			✓
		STAT 7010	✓		
	9. Apply ethical principles to public health program planning, implementation and evaluation.	IMPH 7209		✓	
IMPH 8600				✓	
10. Specify multiple targets and levels of intervention for social and behavioral science programs and/or policies.	IMPH 8600			✓	

¹ Level of Proficiency refers to the program graduate's ability to perform given competencies. **Aware (+)** indicates a basic level of mastery of the competency, in which individuals are able to identify the concept or skill but have a relatively limited ability to perform the skill. **Knowledgeable (++)** indicates an intermediate level of mastery of the competency, in which individuals are able to apply and describe the skill. **Proficient (+++)** indicates an advanced level of mastery of the competency, in which individuals are able to synthesize, critique, or teach the skill.

Part 2. Public Health and Health Informatics Competencies

Class/ Domain	Competency	MPH Course(s)	Proficiency		
			+ ¹	++	+++
Effective Use of INFORMATION					
Analytic Assessment of Skills	1. Determines appropriate uses and limitations of both quantitative and qualitative data.	IMPH 8000			✓
		IMPH 8001		✓	
		IMPH 8100		✓	
		IMPH 8200	✓		
		IMPH 8400			✓
		IMPH 8500		✓	
		IMPH 8722			✓
		IMPH 8800		✓	
		IMPH 8999			✓
		STAT 7010	✓		
	2. Evaluates the integrity and comparability of data and identifies gaps in data sources.	IMPH 7210			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			✓
		IMPH 8500		✓	
		IMPH 8722			✓
	3. Applies ethical principles to the collection, maintenance, use, and dissemination of data and information.	IMPH 7101	✓		
		IMPH 8000		✓	
		IMPH 8001		✓	
		IMPH 8100		✓	
		IMPH 8200		✓	
		IMPH 8400			✓
		IMPH 8500	✓		
		IMPH 8722			✓
	4. Partners with communities to attach meaning to collected quantitative and qualitative data.	IMPH 7101	✓		
		IMPH 8000		✓	
		IMPH 8001		✓	
		IMPH 8100		✓	
		IMPH 8200		✓	
		IMPH 8400		✓	
		IMPH 8500		✓	
		IMPH 8722			✓
	5. Makes relevant inferences from quantitative and qualitative data.	IMPH 8800	✓		
		IMPH 8999			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
			IMPH 8200		✓
			IMPH 8400		✓

¹ Level of Proficiency refers to the program graduate's ability to perform given competencies. **Aware (+)** indicates a basic level of mastery of the competency, in which individuals are able to identify the concept or skill but have a relatively limited ability to perform the skill. **Knowledgeable (++)** indicates an intermediate level of mastery of the competency, in which individuals are able to apply and describe the skill. **Proficient (+++)** indicates an advanced level of mastery of the competency, in which individuals are able to synthesize, critique, or teach the skill.

Part 2. Public Health and Health Informatics Competencies

Class/ Domain	Competency	MPH Course(s)	Proficiency		
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
		IMPH 8999			✓
		STAT 7010	✓		
	6. Obtains and interprets information regarding risks and benefits to the community.	IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200		✓	
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
		IMPH 8999			✓
		7. Applied data collection processes, information technology applications, and computer systems storage/retrieval strategies.	IMPH 8000		
	IMPH 8001				✓
	IMPH 8100				✓
	IMPH 8200				✓
	IMPH 8400				✓
	IMPH 8500				✓
	IMPH 8722				✓
	IMPH 8800				✓
	8. Recognizes how the data illuminates ethical, political, scientific, economic, and overall public health issues.	IMPH 8999			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			✓
IMPH 8500				✓	
IMPH 8722				✓	
Policy Development/ Program Planning	9. Collects, summarizes, and interprets information relevant to an issue.	IMPH 8800			✓
		IMPH 8999			✓
		IMPH 7209			✓
		IMPH 7210			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
	IMPH 8999			✓	
	STAT 7010	✓			
	10. Utilizes current techniques in decision analysis and health planning.	IMPH 7210			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
IMPH 8400				✓	
IMPH 8500			✓		

Part 2. Public Health and Health Informatics Competencies

Class/ Domain	Competency	MPH Course(s)	Proficiency			
		IMPH 8722			✓	
		IMPH 8800			✓	
		IMPH 8999			✓	
Communication Skills	11. Communicates effectively both in writing and orally, or in other ways.	IMPH 7209			✓	
		IMPH 7210			✓	
		IMPH 8000			✓	
		IMPH 8001			✓	
		IMPH 8100			✓	
		IMPH 8200			✓	
		IMPH 8400			✓	
		IMPH 8500			✓	
		IMPH 8722			✓	
		IMPH 8800			✓	
		IMPH 8999			✓	
		STAT 7010	✓			
		IMPH 7101	✓			
		12. Uses the media, advanced technologies, and community networks to communicate information.	IMPH 8000			✓
			IMPH 8001			✓
	IMPH 8100				✓	
	IMPH 8200				✓	
	IMPH 8400				✓	
	IMPH 8500				✓	
	IMPH 8722				✓	
	IMPH 8800				✓	
	13. Effectively presents accurate demographic, statistical, programmatic, and scientific information for professional and lay audiences.	IMPH 8999			✓	
		IMPH 8000			✓	
		IMPH 8001			✓	
		IMPH 8100			✓	
		IMPH 8200		✓		
		IMPH 8400			✓	
		IMPH 8500			✓	
		IMPH 8722			✓	
IMPH 8800				✓		
IMPH 8999				✓		
STAT 7010	✓					
Community Dimensions of Practice	14. Develops, implements, and evaluates a community public health assessment.	IMPH 7101		✓		
		IMPH 8000		✓		
		IMPH 8001			✓	
		IMPH 8100		✓		
		IMPH 8200		✓		
		IMPH 8400		✓		
		IMPH 8500		✓		
		IMPH 8722			✓	
		IMPH 8800		✓		
		IMPH 8999			✓	
Basic Public Health Sciences	15. Defines, assesses, and understands the health status of populations, determinants of health and illness, factors contributing to health promotion and disease prevention, and factors influencing the use of health services.	IMPH 8000			✓	
		IMPH 8001			✓	
		IMPH 8100			✓	
		IMPH 8200		✓		
		IMPH 8400			✓	
		IMPH 8500		✓		

Part 2. Public Health and Health Informatics Competencies

Class/ Domain	Competency	MPH Course(s)	Proficiency	
	16. Identifies and applies basic research methods used in public health.	IMPH 8722		✓
		IMPH 8800	✓	
		IMPH 8999		✓
		IMPH 8000		✓
		IMPH 8001		✓
		IMPH 8100		✓
		IMPH 8200	✓	
		IMPH 8400		✓
		IMPH 8500		✓
		IMPH 8722		✓
		IMPH 8800		✓
		IMPH 8999		✓
	17. Applies the basic public health sciences including behavioral and social sciences, biostatistics, epidemiology, environmental public health, and prevention of chronic and infectious diseases and injuries.	IMPH 8000		✓
		IMPH 8001		✓
		IMPH 8100	✓	
		IMPH 8200	✓	
		IMPH 8400		✓
		IMPH 8500	✓	
		IMPH 8722		✓
		IMPH 8800	✓	
		IMPH 8999		✓
		STAT 7010	✓	
	18. Identifies and retrieves current relevant scientific evidence.	IMPH 7209		✓
		IMPH 7210		✓
		IMPH 8000		✓
		IMPH 8001		✓
		IMPH 8100		✓
		IMPH 8200		✓
		IMPH 8400		✓
		IMPH 8500		✓
		IMPH 8722		✓
		IMPH 8800		✓
		IMPH 8999		✓
19. Identifies the limitations of research and the importance of observations and interrelationships.	IMPH 8000		✓	
	IMPH 8001		✓	
	IMPH 8100		✓	
	IMPH 8200	✓		
	IMPH 8400		✓	
	IMPH 8500		✓	
	IMPH 8722		✓	
	IMPH 8800		✓	
	IMPH 8999		✓	
	STAT 7010	✓		
Financial Planning & Management	20. Manages information systems for collection, retrieval, and use of data for decision-making.	IMPH 8000		✓
		IMPH 8001		✓
		IMPH 8100		✓
		IMPH 8200		✓
		IMPH 8400		✓
		IMPH 8500	✓	
		IMPH 8722		✓
		IMPH 8800	✓	

Part 2. Public Health and Health Informatics Competencies

Class/ Domain	Competency	MPH Course(s)	Proficiency			
	21. Conducts cost-effectiveness, cost-benefit, and cost utility analyses.	IMPH 8999			✓	
		IMPH 7104		✓		
		IMPH 8000				
		IMPH 8001				
		IMPH 8100				
		IMPH 8200				
		IMPH 8400				
		IMPH 8500		✓		
		IMPH 8722				
		IMPH 8800				
		IMPH 8999				✓
		Leadership & Systems Thinking	22. Identifies internal and external issues that may impact delivery of essential public health services (i.e. strategic planning)	IMPH 7101	✓	
IMPH 7102				✓		
IMPH 8000				✓		
IMPH 8001					✓	
IMPH 8100				✓		
IMPH 8200				✓		
IMPH 8400				✓		
IMPH 8500					✓	
IMPH 8722					✓	
IMPH 8800				✓		
IMPH 8999					✓	
23. Promotes team and organizational learning.	IMPH 7102				✓	
	IMPH 7210			✓		
	IMPH 8000				✓	
	IMPH 8001				✓	
	IMPH 8100			✓		
	IMPH 8200		✓			
	IMPH 8400				✓	
	IMPH 8500			✓		
	IMPH 8722				✓	
	IMPH 8800			✓		
	IMPH 8999				✓	
	24. Manages the information of public health organization as a key strategic resource and mission tool.		IMPH 8000			✓
IMPH 8001					✓	
IMPH 8100					✓	
IMPH 8200					✓	
IMPH 8400					✓	
IMPH 8500					✓	
IMPH 8722					✓	
IMPH 8800					✓	
IMPH 8999					✓	
Effective Use of INFORMATION TECHNOLOGY						
Digital Literacy	25. Utilizes personal computers and other office information technologies for working with documents and other computerized files.		IMPH 7209			✓
		IMPH 7210			✓	
		IMPH 8000			✓	
		IMPH 8001			✓	
		IMPH 8100			✓	
		IMPH 8200			✓	
		IMPH 8400			✓	

Part 2. Public Health and Health Informatics Competencies

Class/ Domain	Competency	MPH Course(s)	Proficiency		
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
		IMPH 8999			✓
		STAT 7010		✓	
Electronic Communications	26. Utilizes modern information technology tools for the full range of electronic communication appropriate to one's duties and programmatic area.	IMPH 7209			✓
		IMPH 7210			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
Selection & Use of IT Tools	27. Appropriately selects and utilizes state-of-the-art software tools in support of public health data acquisition, entry, management, analysis, planning & reporting.	IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
		IMPH 8999			✓
		STAT 7010		✓	
Online Information Utilization	28. Utilizes modern information technology tools to identify, locate, access, assess, and appropriately interpret and use online public health-related information and data.	IMPH 7209			✓
		IMPH 7210			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
Data & System Protection	29. Utilized information technology so as to ensure the integrity and protection of electronic files and computer systems.	IMPH 8999			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
	30. Applies all relevant procedures (policies) and technical means (security) to ensure that confidential information is appropriately protected.	IMPH 8999			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			✓

Part 2. Public Health and Health Informatics Competencies

Class/ Domain	Competency	MPH Course(s)	Proficiency		
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
		IMPH 8999			✓
Distance Learning	31. Utilized modern distance-learning technologies to support life-long learning appropriate to programmatic needs.	IMPH 7209			✓
		IMPH 7210			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			
		IMPH 8999			✓
Strategic Use of IT to Promote Health	32. Utilizes modern information science and technology as a strategic tool to promote public health (e.g. through community education, behavior modification, collaborative policy development, issue advocacy and community mobilization).	IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200		✓	
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
Information & Knowledge Development	33. Combines data and information from multiple sources, to create new information to support public health decision-making.	IMPH 8999			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
IMPH 8999			✓		
Effective Management of INFORMATION TECHNOLOGY PROJECTS					
System Development	34. Composes and manages systems development teams in a manner that demonstrates recognition of the appropriate roles and domains for computer scientists, epidemiologists, policy makers and programmers and other IT specialists in information systems development.	IMPH 8000		✓	
		IMPH 8001		✓	
		IMPH 8100		✓	
		IMPH 8200		✓	
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800		✓	
	35. Leads and advocates for, or otherwise actively participates in, the development of integrated, cost-effective public health information systems within the public health enterprise, ensuring that new applications and information systems are built in conformance with larger (enterprise-level) information architecture.	IMPH 8999			✓
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100		✓	
		IMPH 8200		✓	
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓

Part 2. Public Health and Health Informatics Competencies

Class/ Domain	Competency	MPH Course(s)	Proficiency	
	36. Recognizes, participates in, and applies accepted models and processes for developing information systems and for managing information resources.	IMPH 8800		✓
		IMPH 8999		✓
		IMPH 8000		✓
		IMPH 8001		✓
		IMPH 8100		✓
		IMPH 8200		✓
		IMPH 8400		✓
		IMPH 8500		✓
		IMPH 8722		✓
		IMPH 8800		✓
		IMPH 8999		✓
		Cross-Disciplinary Communication	37. Actively, effectively engages and communicates with information technology specialists as well as public health colleagues regarding proven information technologies and their potential application to public health practice.	IMPH 8000
IMPH 8001				✓
IMPH 8100				✓
IMPH 8200				✓
IMPH 8400				✓
IMPH 8500				✓
IMPH 8722				✓
IMPH 8800				✓
Databases	38. Participates in the development of new and enhanced databases for public health, and applies principles of good database design.	IMPH 8000		✓
		IMPH 8001		✓
		IMPH 8100		✓
		IMPH 8200		✓
		IMPH 8400		✓
		IMPH 8500		✓
		IMPH 8722		✓
		IMPH 8800		✓
Standards	39. Utilizes (or ensures the utilization of) data standards for storage and transmission, and is able to find the relevant standards specifications as needed.	IMPH 8000		✓
		IMPH 8001		✓
		IMPH 8100		✓
		IMPH 8200		✓
		IMPH 8400		✓
		IMPH 8500		✓
		IMPH 8722		✓
		IMPH 8800		✓
Confidentiality & Security Systems	40. Applies and participates in developing confidentiality and privacy policies for the enterprise, and ensures the development of adequate security systems to support the implementation of those policies.	IMPH 8000		✓
		IMPH 8001		✓
		IMPH 8100		✓
		IMPH 8200		✓
		IMPH 8400		✓
		IMPH 8500		✓
		IMPH 8722		✓
		IMPH 8800	✓	
Project Management	41. Utilizes proven informatics principles and practices when managing information technology projects.	IMPH 8000		✓
		IMPH 8001		✓
		IMPH 8100		✓
		IMPH 8200		✓

Part 2. Public Health and Health Informatics Competencies

Class/ Domain	Competency	MPH Course(s)	Proficiency		
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
		IMPH 8999			✓
Human Resources Management	42. Utilizes proven informatics principles and practices when managing information technology staff and other IT specialists.	IMPH 7102			
		IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100		✓	
		IMPH 8200		✓	
		IMPH 8400		✓	
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800		✓	
		IMPH 8999			✓
Procurement	43. Procures appropriate cost-effective, information technologies for the public health enterprise.	IMPH 8000		✓	
		IMPH 8001		✓	
		IMPH 8100		✓	
		IMPH 8200		✓	
		IMPH 8400		✓	
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800		✓	
		IMPH 8999			✓
Accountability	44. Uses information technology to assure openness of public health agency processes and responsiveness to the electorate and the public.	IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
		IMPH 8999			✓
Research	45. Monitors informatics research findings and public health information systems development efforts, and applies these findings and experiences as appropriate to public health practice.	IMPH 8000			✓
		IMPH 8001			✓
		IMPH 8100			✓
		IMPH 8200			✓
		IMPH 8400			✓
		IMPH 8500			✓
		IMPH 8722			✓
		IMPH 8800			✓
		IMPH 8999			✓

Source: O'Carroll, PW and the Public Health Informatics Competencies Working Group. Informatics Competencies for Public Health Professionals. Northwest Center for Public Health Practice University of Washington School of Public Health and Community Medicine. August 2002 www.nwcphp.org/phi/comps/