Health Informatics Specialist

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
HEALTH INFORMATICS SPECIALIST I	4050	B20	$51,158 - $81,351
HEALTH INFORMATICS SPECIALIST II	4051	B22	$57,614 - $93,138
HEALTH INFORMATICS SPECIALIST III	4052	B24	$65,104 - $106,634
HEALTH INFORMATICS SPECIALIST IV	4053	B26	$76,530 - $129,430

GENERAL DESCRIPTION

Performs health informatics work involving gathering, storing, analyzing, interpreting, exchanging, and managing patient data; and developing and implementing a public health information system.

EXAMPLES OF WORK PERFORMED

Plans, designs, and defines functional requirements for public health information systems.

Evaluates applications and the impact of public health information systems in the support of health goals.

Ensures confidentiality, security, and integrity of data.

Provides analytics and support to program teams as requested in the areas of data preparation, data analysis using applicable statistical methods, protocols, report and manuscript writing, technical presentations, and responses to informatics inquiries.

Serves as a liaison between program areas, business, clinical staff, laboratory staff, and IT staff to support development and implementation of public health information systems.

Performs related work as assigned.

DESCRIPTION OF LEVELS

Examples of work and descriptions are meant to progress through the levels. For example, an employee at level IV may also perform work listed within the previous levels.

***Note**: Factors that may distinguish between the journey and senior levels include the degree of independence in performing the work; the complexity of the work; the scope of responsibility; and the employee's related experience, education, and certifications. Employees at the journey levels may independently perform the full range of work listed in the examples or may assist others performing work of greater complexity. Senior-level employees may perform the full range of work identified in the levels preceding their own, and/or may coordinate and/or oversee that work for others. Factors that may distinguish between senior levels include the scope of*

responsibility, oversight, and authority; and the nature, complexity, scope, and impact of the work performed.

HEALTH INFORMATICS SPECIALIST I: Performs routine (journey-level) health informatics work. Works under moderate supervision, with limited latitude for the use of initiative and independent judgment.

HEALTH INFORMATICS SPECIALIST II: Performs complex (journey-level) health informatics work. Works under general supervision, with moderate latitude for the use of initiative and independent judgment. Employees at this level may:

- Design and implement information systems used to integrate healthcare data.
- Develop training curriculum and conduct formal training sessions on the health information systems.

HEALTH INFORMATICS SPECIALIST III: Performs highly complex (senior-level) health informatics work. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment. Employees at this level may:

- Define data standards to support interoperability of data between public health information systems.
- Administer program-specific data sets, including responsibilities related to data quality, data maintenance and archiving, analysis, documentation, and reporting.
- Conduct statistical analysis, ad hoc analyses, and data mining, including extraction, transformation, and processing of complex data sets; and create data sets for analysis.
- Prepare reports, technical presentations, and responses to health informatics inquiries.

HEALTH INFORMATICS SPECIALIST IV: Performs advanced (senior-level) health informatics work. Works under minimal supervision, with extensive considerable latitude for the use of initiative and independent judgment. Employees at this level may:

- Plan upgrades or replacement of existing public health information systems, train and provide assistance to system users, test system usability, evaluate usage, and identify barriers and propose solutions.
- Facilitate knowledge sharing and collaboration with trading partners, including other agencies, local governments, other states, federal government agencies, tribal or other governments, and the private sector.
- Conduct complex scientific and health informatics assessment to support health and public health policies and practices, including community health improvement, decision support, and stakeholder engagement.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Agencies have the discretion to identify the general or specialized experience, education, or certifications required for positions and may tailor qualification requirements to specifically meet the agency's business needs. Agencies may substitute experience, education, military service, apprenticeships, and relevant credentials for one another, if appropriate and allowed by statute.

KNOWLEDGE, SKILLS, AND ABILITIES

For all levels

- Knowledge of public health computer databases, laboratory information systems configuration, data exchange, and systems design; computer operations, systems, and procedures; statistical, data analytical, and visualization applications; computer programming languages; and information security policies and procedures.

- Skill in complex problem solving and critical thinking, and in the use of a computer and applicable software.

- Ability to analyze systems and procedures, to translate user/business needs into a technical style, to develop reports, and to communicate effectively.

Additional for Health Informatics Specialist III – IV levels

- Ability to lead and supervise others.