



## FEATURES

## PUBLIC HEALTH REPORTING PORTAL

PATIENT MATCHING / IDENTIFICATION

DE-IDENTIFICATION FOR HIPAA  
COMPLIANCE

CONTENT FILTERING & SURVEILLANCE

TERMINOLOGY MANAGEMENT &  
STANDARDIZATION

CREATE AND SUBSCRIBE TO DISEASE  
NOTIFICATIONS

ALERTS VIA EMAIL OR TEXT MESSAGE

AUDIT HISTORY OF REPORTABLE DISEASE  
FORMS & COMMUNICATIONS

PHRP provides hospital infection control staff with the ability to electronically exchange information about reportable disease conditions with the local Public Health Department.

PHRP saves time by using data from other systems and automatically completing sections of the reportable disease form that must be submitted to the Health Department. Public Health Departments can use PHRP to request more information on reported diseases, and infection control staff can quickly and easily respond to those requests.

PHRP interfaces with clinical care provider systems, public health information systems, and other data systems. It also interfaces with CDC's Early Aberration Reporting System, Excel® version (EARS-X) and Google Earth™ mapping service.

PHRP can support multiple hospitals, laboratories, emergency medical services, and other medical facilities within a community to provide community-level situational awareness.

## REPORTABLE DISEASES

PHRP CAN BE CONFIGURED TO REPORT ON ANY DISEASE THAT CAN BE IDENTIFIED WITHIN CLINICAL DATA. THE LIST BELOW INCLUDES DISEASES THAT ARE CURRENTLY BEING REPORTED USING PHRP.

- BORDETELLA PERTUSSIS
- CAMPYLOBACTER SPP.
- HEPATITIS A
- ACUTE HEPATITIS B
- NEISSERIA MENINGITIDIS
- SALMONELLA SPP.
- SHIGELLA SPP.
- STREPTOCOCCUS PNEUMONIAE
- STREPTOCOCCUS GROUP A (PYOGENES AND BETA HEMOLYTIC)

## OPERATING ENVIRONMENT

PHRP IS DESIGNED TO OPERATE IN AN OPEN SOURCE OR COMMERCIAL ENVIRONMENT.

SOFTWARE REQUIREMENTS:

- OPERATING SYSTEM:
  - ANY JAVA-ENABLED OPERATING SYSTEM
  - JAVA: 1.6 OR NEWER (FREE)
- APPLICATION/SERVLET CONTAINER:
  - APACHE TOMCAT 5.0.28 OR 6 (FREE)
- RDBMS:
  - APACHE DERBY (FREE)
  - PostgreSQL (FREE)
  - MSSQL 2000 OR NEWER
  - ORACLE 9i OR NEWER

HARDWARE REQUIREMENTS:

- THE HARDWARE NEEDED TO SUPPORT PHRP WILL VARY DEPENDING ON MESSAGE VOLUME.

The screenshot displays the Epriva PHRP Community Surveillance web application. The interface is divided into a left sidebar with navigation links (Public Health, Patient Lookup, Notification Requests, Completed Responses, Archived Completed Responses, Nonreportable List, Problem Report, Reports, Audit Records, Subscriptions) and a main content area. The main area is titled 'Community Surveillance' and features a 'Demographic Data' section with fields for Patient ID, Facility Patient ID, Patient Name, Date of Birth, Age, Gender, Race, Ethnic Origin, Address, City/State/Zip, County, and Phone. Below this is the 'Disease Information' section, which includes fields for Disease Organism (hepatbisc), Confirmed Acute, Date of Onset, Date of Diagnosis, and a Chief Complaint text area. Further down are fields for Highest Temperature, Days of Diarrhea, Hospitalized?, Admission, Discharge, Death, Hospital, Pregnancy, School/Daycare Info, Outbreak, Attended Public Event, and Event Description. The 'Attending Physician' section includes fields for First Name, Middle Name, Last Name, Address, City, State, Zip, and Phone. At the bottom is the 'Laboratory Information' table, which has columns for Date, Test Type, Laboratory, Specimen Source, and Results. The table shows a single entry for 10/29/2012, Hep Prt-Ac, STE, Blood, and Hep C Ab. The footer of the application includes the text 'ComFact Epriva' and '© 2017 Epriva LLC All rights reserved.'

PHRP is a flexible tool that can be implemented in a variety of technical environments. It allows for interfacing with Clinical Care Provider and Public

Health Information Systems. The extraction and integration technologies route and translate messages between software systems within a clinical environment in both real-time and non-real-time. PHRP includes data validation and preparation services to make data consistent and available to data consumers.