



# AVR

## Analysis, Visualization Reporting

### What is it?

The Wisconsin Public Health Information Network (PHIN) Analysis, Visualization, and Reporting (AVR) provides the ability to integrate, analyze, display, report and map data as well as share data and technologies for analysis and visualization with other public health partners.

### Why do we need it?

The Wisconsin PHIN AVR provides data reporting, statistical analysis, and spatial analysis using Geographic Information Systems (GIS) and other visualization, display and mapping functions through the implementation of commercial off the shelf software (COTS). The specific products used are the SAS Enterprise Business Intelligence Server and ESRI's ArcGIS Server. These software tools will allow system users to leverage public health data, turning it into information that can be readily used for decision making.

### What data is available?

AVR is a secure web-based application requiring a user ID and password. Two types of data are available to registered AVR users: general use and restricted. General use data is available to all AVR users and is not subject to strict confidentiality requirements. Restricted data is sensitive in nature and access must be granted by a data steward knowledgeable about the confidentiality requirements of a particular dataset.

A complete list of datasets is on the back of this sheet.

### How can I learn more or get access?

Email [DHSWiPHIN@Wisconsin.Gov](mailto:DHSWiPHIN@Wisconsin.Gov)

PHIN AVR Dataset Inventory as of August 2008				
Dataset	Year	Environment	Access	Source
<b>Wisconsin</b>				
Birth	1990-2007	Prod	All Users	Resident birth certificates, BHIP, DPH, DHS
Mortality	1990-2007	Prod	All Users	Resident death certificates, BHIP, DPH, DHS
Infant Mortality	1990-2007	Prod	All Users	Resident birth and death certificates, BHIP, DPH, DHS
Violent Death	2004-2006	Prod	Restricted	WVDRS (Wisconsin Violent Death Reporting System)
Public Drinking Water	current	Prod	All Users	Public Drinking Water System, Bureau of Drinking Water and Groundwater, DNR
Carcinogenic Emissions	1999	Prod	All Users	1999 NATA (National-Scale Air Toxics Assessment) from EPA
Childhood Lead	2003-2007	Prod	Restricted	Wisconsin Childhood Lead Poisoning Prevention Program, DPH, DHS
Childhood Lead – Public	2000-2007	Prod	All Users	Wisconsin Childhood Lead Poisoning Prevention Program, DPH, DHS
Hospital Discharge for Asthma and MI	2000-2006	Prod	Restricted	Inpatient hospitalization discharge file, BHIP, DPH, DHS
Hospital Discharge	2003-2005	Test	Restricted	Inpatient hospitalization discharge file, BHIP, DPH, DHS
ToxiTrack	2001-current	Prod	Restricted	Wisconsin Poison Center
WE-TRAC	current	Prod	Restricted	WE-TRAC (Wisconsin EHDI Tracking Referral and Coordination); EHDI = Early Hearing Detection and Intervention
WEDSS	current	Prod	Restricted	WEDSS (Wisconsin Electronic Disease Surveillance System)
WEDSS Novel Flu Surveillance	current	Prod	Restricted	WEDSS (Wisconsin Electronic Disease Surveillance System)
WEDSS Novel Flu Count	current	Prod	All Users	WEDSS (Wisconsin Electronic Disease Surveillance System)
Preliminary Birth Data (SPHERE)	2006-current	Prod	Restricted	Vital Records Office
Emergency Department Visits	2008-current	Prod	Restricted	WHIE (Wisconsin Health Information Exchange) Data from 14 acute-care hospitals in 6 counties (Milwaukee, Racine, Walworth, Kenosha, Waukesha, Washington).
Hospitalizations	2008-current	Prod	Restricted	WHIE (Wisconsin Health Information Exchange) Data from Columbia St. Mary's (3 hospitals) and Children's Hospital of Wisconsin
<b>U.S.</b>				
Mortality	2003-2004	Prod	All Users	NCHS, CDC
NAMCS	2005	Dev	All Users	NAMCS (National Ambulatory Medical Care Survey), NCHS, CDC

BHIP Bureau of Health Information and Policy    NCHS National Center for Health Statistics  
 DPH Division of Public Health    CDC Centers for Disease Control and Prevention  
 DHS Department of Health Services  
 DNR Department of Natural Resources  
 EPA Environmental Protection Agency