

WebEdits and WebAbstracting

Web services

From

The Health Registry Network

Presented by: Ken Hill

What is The Health Registry Network?

- An interactive web health registry.
- Platform independent and scalable.
- Can be used for a single registry or as a comprehensive disease registry.
- Combines the registry's IT solution, network, and support team - all in one.

healthreg.net – technology

- Open-source “enterprise class” tools
 - Linux, Apache, Perl and Java Script
- Client-server database tools
 - PostgreSQL (“post-gress”) and PHP
- Security and Encryption methods
 - Authentication and access control, 128-bit digital cert, public/private key encryption, dual firewalls, tripwires and lockdowns.

WebEdits

- A need to solve a “distribution” problem.
- WebEdits applies electronic edits (EDITS/GenEDITS) to NAACCR flat-files via a secured web service.
- User uploads a NAACCR file to WebEdits.
- User receives an Edit Report that describes records with data discrepancies.

Portal Entry

The screenshot shows a web browser window with the URL <https://secure.healthreg.net/>. The page features a blue header with the text "HEALTH REG.NET" and "The Comprehensive Health Registry and Surveillance Network". Below the header is a navigation menu with links for HOME, ABOUT US, FAQ, WHY US, TECHNOLOGY, and PRESS. On the left side, there is a dark blue sidebar with white text: "free web edits >sign up", "get the newsletter >join!". The main content area has a heading "Welcome to the Health Registry Network" followed by a paragraph: "The Health Registry Network is an interactive Web database that can be used for a single health registry operation or as a comprehensive registration and surveillance network by public health authorities, private health care providers, and behavioral/social programs - a Health Registry." Below this is a bulleted list of services: Cancer Registration and Surveillance, Clinical Nurse Midwifery Registration, Vital Statistics Registration and Surveillance, Trauma Incidence Surveillance, Childhood and Adult Immunization Tracking, and Environmental Health Surveillance. Further down, another paragraph describes the technology: "The technology behind the Health Registry Network provides the scalability to integrate various health registry operations into a comprehensive registry solution. It is a cost effective way of providing a data collection and surveillance database application for any health and/or wellness organization." At the bottom of the main content area, it states "The comprehensive health registry and surveillance network." On the right side, there is a blue login box titled "MY REGISTRY" with fields for "user name" and "password", a ">log In!" button, and links for "Forgot your password? Click here."

My Registry Page

Administrative - Mozilla

Back Forward Reload Stop <https://secure.healthreg.net/registry.php> Search Print

Home Bookmarks

HEALTH REG.NET
The Comprehensive Health Registry and Surveillance Network

LOG OFF ADMINISTRATIVE REGISTRY MORTALITY HELP ACCOUNT INFO

web edits

search

upload data

download data

create new

view possible duplicates

My Registry!

Welcome Kenneth!

The Health Registry Network is a dynamic Web database driven application that was built from the ground up leveraging robust open source tools. To start using your Health Registry Network, please choose a menu option from the left vertical navigation element.

We hope you enjoy your Health Registry Network Experience!

CDNR north dakota cancer registry

Connecting to secure.healthreg.net...

Submission Form

Welcome to HealthReg.Net! - Mozilla

Back Forward Reload Stop <https://secure.healthreg.net/webedits.php> Search Print

Home Bookmarks

HEALTH REG.NET

The Comprehensive Health Registry and Surveillance Network

LOG OFF HOME ABOUT US FAQ WHY US TECHNOLOGY PRESS

registry
free web edits
>sign up

get the newsletter
>join!

NAACCR

To upload and run a NAACCR file through the Web Edits report generator:

1. Enter the path and file name or click the browse button and select the NAACCR file you wish to import.
2. Select a NAACCR format from the pull down menu.
3. Select a Report to run on this file prior to submission.
4. Click the "Upload" button.
5. [more info](#)

Upload NAACCR file:

Name of person to receive report:

Email to send report to:

Full path and file name to import:

File format:

Reporting:

Edit Report Output 1

Welcome to HealthReg.Net! - Mozilla

Back Forward Reload Stop <https://secure.healthreg.net/webedits.php> Search Print

Home Bookmarks

registry

free web edits

>sign up

get the newsletter

>join!

Please confirm that this NAACCR file meets your expectations and the edits requirements by reviewing the GenEdits output below. If the file being passed through the Web Edits service contains more than 100 records, the the GenEdits output report will be sent to you via e-mail.

After reviewing your file upload results you may:

- [Upload](#) a new file to produce another report.
- [Review](#) Web Edits help page

NAACCR file assessment:

NAACCR file to import: SampleNAACCR9.txt
File format: NAACCR9
File size: 268560 (bytes)
Estimated record count: 45

Output of genedits:

Web Edits Report: State Cancer Registry Sample Edit Set 06/05/03

GENEDITS Output - Jun 05, 2003 1:06p.m.
EDITS Runtime Metafile = EDITS\META\NAACCR9.RMP
Input Data File = tmp\16732.IN
Error Message Report File = tmp\16732.OUT

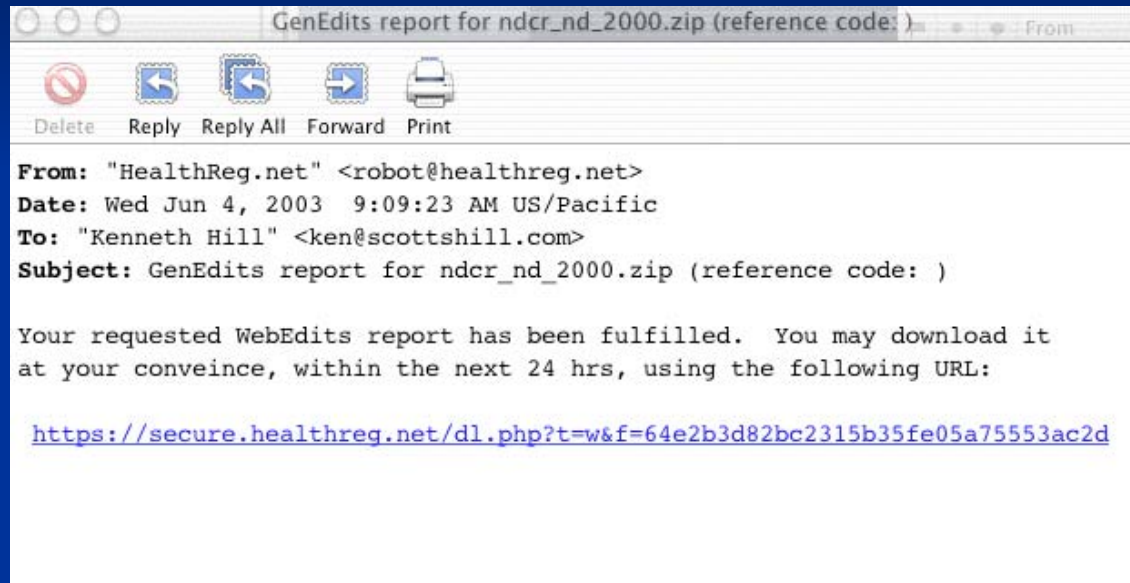
Patient Id	Last Name	First Initial	DOB	Site Morph3	DxDate	(Rec #)
00000007	SMITH	J	04171926	C349 81403	09041998	(1)

Accession Number--Hosp (COC)
E: is not a valid value for Accession Number--Hosp
Accession Number--Hosp (286) = -----

Cause of Death (SEER COD)
E:Cause of Death not valid
Cause of Death (883) = -----

Done

Edit Report Output 2



Web Abstracting

- Allows reporting facility to abstract new cancer reports “online” in a secure environment.
- Can provide simultaneous access to shared records between reporting facilities and central registry.
- Partial and/or full case abstracting.

Record Search Form

Back Forward Stop Refresh Home AutoFill Print Mail

Address: <https://secure.healthreg.net/browse.php?doWhat=search>

Live Home Page Apple Apple Support Apple Store .Mac Mac OS X Microsoft MacTopia Office for Macintosh M

HEALTH REG.NET
The Comprehensive Health Registry and Surveillance Network

LOG OFF ADMINISTRATIVE REGISTRY MORTALITY HELP ACCOUNT IN

web edits

search

upload data

download data

create new

view possible duplicates

Cancer Record Search Form

Patient

Last name Exact

First name Exact

Middle name Exact

Sex

Birthdate between and

Social Security Number

Race 1

Hold patient

Cancer

Record ID

State (Diagnosis)

City (Diagnosis)

ZIP (Diagnosis)

Diagnosis date between and

[Primary Site](#)

[Morphology 2](#)

[Morphology 3](#)

Single Record Interface

The screenshot displays the 'HEALTH REG.NET' interface, which is 'The Comprehensive Health Registry and Surveillance Network'. The top navigation bar includes 'LOG OFF', 'ADMINISTRATIVE', 'REGISTRY', 'MORTALITY', 'HELP', and 'ACCOUNT'. A left sidebar contains menu items: 'web edits', 'search', 'upload data', 'download data', 'view' (expanded to show 'summary', 'administration', 'cancer report administration', 'diagnosis', 'facility treatment', 'geography', 'staging', 'summary treatment', 'patient info', and 'patient detail'), 'Favorites', 'History', 'Search', 'Scrapbook', and 'Page Holder'. The main content area is titled 'Viewing Record 1000034492 - Summary Category' and shows patient information for BOOP, BETTY, born 01/06/1957, with SSN 431-18-9875, 2, and address 09/24/2002, C029, 82543, 1. A note states that bold fields are mandatory. A 'Back to Listing' button is present. The patient details are organized into sections: Patient (Last Name: BOOP, First Name: BETTY, Middle Name: T, Sex: 2 - Female, Date of Birth: 01061957, SSN: 431189875, Race: 04 - Chinese), Cancer, and Address (Diagnosis: 123 MAIN STREET, City (Diagnosis): TOAD SUCK, State (Diagnosis): AR - Arkansas, ZIP (Diagnosis): 72143).

HEALTH REG.NET
The Comprehensive Health Registry and Surveillance Network

LOG OFF ADMINISTRATIVE REGISTRY MORTALITY HELP ACCOUNT

web edits

search

upload data

download data

view

summary

administration

cancer report administration

diagnosis

facility treatment

geography

staging

summary treatment

patient info

patient detail

Back to Listing

Viewing Record 1000034492 - Summary Category
BOOP, BETTY, 01/06/1957, 431-18-9875, 2
09/24/2002, C029, 82543, 1

This form contains the minimum input to add a new entry to the database. All fields in **bold** are mandatory. Click on the buttons above to enter in any other optional data.

Patient

Last Name	BOOP
First Name	BETTY
Middle Name	T
Sex	2 - Female
Date of Birth (MMDDYYYY)	01061957
SSN	431189875
Race	04 - Chinese

Cancer

Address (Diagnosis)	123 MAIN STREET
City (Diagnosis)	TOAD SUCK
State (Diagnosis)	AR - Arkansas
ZIP (Diagnosis)	72143

More Features

- Additional Features
 - Duplicate Checker and Reconciler
 - File Download (fixed-width, delimited, *.csv)
 - Mortality Database (Death Clearance)
- New Features
 - Query Builder
 - GIS (MapServer)
 - E-Path Reporting Database
 - Communications Portal (Extranet)

Feedback

"We have used your WebEdits program since Summer 2002, prior to submitting our state data, and have found this a very useful tool."

- Cheri Willard, Duke University Hospital