



# Using NHSN Analysis for Prevention

## Getting Started

February 2013



HAI Liaison Program  
Hospital-Associated Infections Program  
Center for Health Care Quality  
California Department of Public Health

# Review of NHSN Analysis Basics Objectives

By the end of this session, participants will be able to:

- Understand the basic features of the NHSN Analysis Function
- Demonstrate how and when to generate a data set
- Explore standard NHSN-prepared reports using the output “run” function
- Explore how the output “modify” function can be used to personalize reports



# Understanding the Basic Features of the NHSN Analysis Function

- Analysis features provide NHSN users an opportunity to utilize the data they entered into NHSN
- Facility data in NHSN can be correlated and analyzed using the output options
- Analysis section is organized by modules (i.e. Device-Associated, Procedure-Associated, MDRO/CDI, etc.); each has standard CDC reports for quick, convenient analysis of data





- NHSN Home
- Reporting Plan
- Patient
- Event
- Procedure
- Summary Data
- Import/Export
- Analysis
- Surveys
- Users
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- Group
- Log Out

Logged into California General Hospital (ID 15633) as TRACYLANIER.  
Facility California General Hospital (ID 15633) is following the PS component.

### Patient Safety Component

Analysis Output Options

- Expand All Collapse All
- Device-Associated Module
    - Device-Associated Module
    - Central Line-Associated BSI
    - Ventilator-Associated PNEU
    - Urinary Catheter-Associated UTI
    - Central Line Insertion Practices
    - Dialysis Events
  - Procedure-Associated Module
    - MDRO/CDI Module - Infection Surveillance
    - MDRO/CDI Module - LABID Event Reporting
    - MDRO/CDI Module - Process Measures
    - MDRO/CDI Module - Outcome Measures
    - Vaccination Module



View of NHSN  
Analysis Options for  
Reports

# Understanding the Basic Features of the NHSN Analysis Reports

Reports may be:

- Modified for individual user preferences
- Created and saved for future use
- Exported to other programs (i.e. Excel, Access)
- Published for use by all users in a facility/system
- Saved in “stacks” (a series of different reports saved together as a package to be displayed/printed in a specific order for future use)



# Where to Start...?

## Generating a Data Set

- Generating a new data set creates a virtual “photocopy” of your NHSN data which is stored on the CDC database
- Each time new data are added, and you want to view or print information about the data, you should generate a new data set
- **Changes made to the data set do not affect the NHSN data base**
- Do not be afraid to use the analysis tools – you will not alter your NHSN information in the database with these tools!



Browser navigation bar with address bar (https://sdn7.cdc.gov/nhsn/completeevent.do), menu (File, Edit, View, Favorites, Tools, Help), search bar (bing), and utility icons (Search, MSN, News, Celebrity, Video, Weather, Hotmail, Messenger, Games). Below the browser are two tabs: "NHSN 6.6.0.6 Home Page" and "Central Line Associated Bloo..."



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NHSN - National Healthcare Safety Network

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## NHSN Patient Safety Component Home Page

On your NHSN Home Page select the **Analysis** Function



...ft to access the features of the application.

ntarily provided information obtained in this surveillance system that would permit ide...  
that it will be held in strict confidence, will be used only for the purposes stated, and v...  
ividual, or the institution in accordance with Sections 304, 306 and 308(d) of the Publi...

...ur nightly  
between 12am and 6am Eastern time.



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## Generate Data Sets

HELP

### Generate Patient Safety Analysis Data Sets

Date Last Generated	Action
Jan 19 2012 7:42PM	Generate New

Clicking the "Generate New" button will schedule your data set generation. You may log o  
work in other areas of NHSN. When you return to this screen you will see a progress bar i  
otherwise, you will see a time completed.



Indicates when last date data set was generated

- If you have not entered any new data into NHSN since the "Date Last Generated", you may use the analysis function without generating a new data set (data are unchanged)



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## Generate Data Sets

### Generate Patient Safety Analysis Data Sets

Date Last Generated	Action
Jan 19 2012 7:42PM	Generate New

Clicking the "Generate New" button will work in other areas of NHSN. When otherwise, you will see a time compl

Click to generate a new data set

- When "Generate New" is chosen, a progress box will appear on the screen
- Generating a data set takes about 3 – 5 minutes
- If the NHSN server is busy, you will receive a message indicating that you have been placed in queue; when your turn arrives, your data set will be generated.

https://sdn7.cdc.gov/nhsn/generatedatasets.do?method=showpage&navReset=true&currentmenu=menu\_anal\_gen&NHSNSessionID=869

File Edit View Favorites Tools Help

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NHSN 6.5.0.14 Analysis



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NHSN - National Healthcare Safety Network

NHSN Home

Reporting Plan

Patient

Event

Procedure

Summary Data

Import/Export

Analysis

Generate Data Sets

Output Options

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Surveys

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Facility

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HELP

### Generate Patient Safety Analysis Data Sets

Date Last Generated

Action

Jan 19 2012 7:42PM

Generate New

Clicking the "Generate New" button will schedule your data set generation. You may log out and work in other areas of NHSN. When you return to this screen you will see a progress bar indicating the status of the generation process.

- When a new data set is ready the new date will appear under "Date Last Generated" and you are ready to proceed to "Output Options"
- Once you have initiated the generation of a new data set, try not to interrupt or stop the process until it has completed

## “I’ve Generated a Data Set – Now What?”

A user can generate several types of output including line listings, frequency tables, pie charts, bar charts, rate tables, line plots and control charts using the Output Options

- When an output option is executed, the output will display in a separate browser window that can be printed or saved as a file on a local computer workstation

**To use the Analysis functions, you must enable pop-ups from NHSN on your computer!**



Browser navigation bar with address bar: [https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu\\_anal\\_](https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu_anal_)

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NHSN 6.5.0.14 Analysis



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### Patient Safety Component Analysis Output Options

- Expand All Collapse All
- Device-Associated Module
  - Procedure-Associated Module
  - MDRO/CDI Module - Infection Surveillance
  - MDRO/CDI Module - LABID Event Reporting
  - MDRO/CDI Module - Process Measures
  - MDRO/CDI Module - Outcome Measures
  - Vaccination Module
  - Advanced
  - My Custom Output
  - Published Output

Collapsed view of the Output Options Choices

- Individual modules and output options are listed

Browser navigation bar with address bar: [https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu\\_anal\\_](https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu_anal_)

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    - Vaccination Module

Expanded view of a module with each of its sub-categories listed

Browser navigation bar showing address: [https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu\\_anal\\_](https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu_anal_)

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**Patient Safety Component**  
Analysis Output Options

- Expand All Collapse All
- Device-Associated Module
    - All Device-Associated Events
    - Central Line-Associated BSI
      - CDC Defined Output
      - Custom Output
    - Ventilator-Associated PNEU
    - Urinary Catheter-Associated UTI
    - Central Line Insertion Practices
    - Dialysis Events
  - Procedure-Associated Module
    - MDRO/CDI Module - Infection Surveillance
    - MDRO/CDI Module - LABID Event Reporting
    - MDRO/CDI Module - Process Measures



Each sub-category can be printed as:

- **CDC Defined Output** – reports created by NHSN using common variables for that topic
- **Custom Output** – reports that **you** have created or modified previously for a category, saved both with the sub-category and under “Custom Output”

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### Patient Safety Component Analysis Output Options

Expand All Collapse All

- Device-Associated Module
  - All Device-Associated Events
  - Central Line-Associated BSI
    - CDC Defined Output
      - Line Listing - All CLAB Events
      - Frequency Table - All CLAB Events
      - Bar Chart - All CLAB Events
      - Pie Chart - All CLAB Events
      - Rate Table - CLAB Data for ICU-Other
      - Run Chart - CLAB Data for ICU-Other
      - Rate Table - UCAB/CLAB Data for NICU
      - Run Chart - UCAB/CLAB Data for NICU
      - Rate Table - CLAB Data for SCA

Run	Modify

**CDC Defined Output**

- All pre-made options for line listings, tables, charts and graphs for the sub-category will appear

Browser navigation bar with address: [https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu\\_anal](https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu_anal)

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- Choosing “Run” will create a standardized output utilizing ALL data from that system for that output type. (All filters will be applied to all data for date, location, etc.)
- Useful for quick view of data or to see variables available in report

Browser navigation bar with address bar showing [https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu\\_anal\\_](https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu_anal_). Includes search bar with 'bing' and various utility icons.



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      - Pie Chart - All CLAB Events
      - Rate Table - CLAB Data for ICU-Other
      - Run Chart - CLAB Data for ICU-Other
      - Rate Table - UCAB/CLAB Data for NICU
      - Run Chart - UCAB/CLAB Data for NICU
      - Rate Table - CLAB Data for SCA

Run	Modify

• Choosing "Modify" will move you to the modify screen which allows you to adjust parameters, choose variables, export data,

# NHSN Quick Tips Document

NHSN has a great summary document that describes all of the features in the “Modify” function

NHSN Quick Tips Document Link:

<http://www.cdc.gov/nhsn/PDFs/AnalysisBasics.pdf>



**Quick Tips: Run and Modify Output**

**Inside Quick Tips—**

The National Healthcare Safety Network provides Quick Tips as a convenient review of important skills and topics relevant to HHSN users.

Select Output Format	2
Variable names vs. Variable labels	2
Filter by Time Period	2
Filter by Additional Criteria	2
Other Options	3
• Line Listings	3
• Rate Tables & SIR Tables	3
• Frequency Tables	3
Name and Save Modified Output	4
Export Data Sets	4

**Where do I begin?**

From the left Navigation Bar, Select Generate Data Sets, if needed.

- User -specific
- Based on user rights
- May take a few minutes!

Select Output Options—

- Expand folders in Module or Advanced until desired output option is found
- Click Run to view output in browser window
- To change the output, click Modify

**Example of Analysis Modification Screen**

Can export analysis and output data sets. Can change the design parameters of output here.

The top section allows you to modify output characteristics, such as output name, title, and format.

The middle section allows you to specify which data will be considered for the output. You can filter output by time and other criteria (e.g., limit to a single location or infection type.)

The bottom section allows you to specify how the data in the output will be displayed and organized (e.g., sort by location, group by quarter.)

**Export Output Options**

Options page, where you set your options for the export

Browser navigation bar with address bar showing [https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu\\_anal\\_](https://sdn7.cdc.gov/nhsn/analysisrequest.do?method=ListAnalysisRequests&appModule=PS&navReset=true&optForUser=&currentmenu=menu_anal_). Includes search bar with 'bing' and various utility icons.



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      - Run Chart - CLAB Data for ICU-Other
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Run	Modify

To enter report modification screen  
• Select "Modify"





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Modify Output Screen

Analysis Data Set: CLAB\_Events [Export Analysis Data Set](#)

### Modify Attributes of the Output:

Last Modified On: 01/19/2012

Output Type: Line Listing

Output Name: Line Listing - All CLAB Events

Output Title: Line Listing for All Central Line-Associated BSI

### Select output format:

Output Format: HTML

Use Variable Labels

## Line Listing

Export Analysis Data Set

Export Analysis Data Set – this tab exports ALL (unfiltered) data associated with module you are analyzing (it has limited practical use for most projects)



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### Line Listing

Analysis Data Set: CLAB\_Events

#### Modify Attributes of the Output:

Last Modified On: 01/19/2012

Output Type: Line Listing

Output Name: Line Listing - All CLAB Events

Output Title: Line Listing for All Central Line-Associated BSI Events

#### Select output format:

Output Format:

Use Variable Labels

**Modify Attributes of the Output**  
• Lists last time data was modified and type of report

“File Cabinet” name for output type

“File Name” for your modified report





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### Line Listing

Analysis Data Set: **CLAB\_Events**

#### Modify Attributes of the Output:

Last Modified On: **01/19/2012**

Output Type: **Line Listing**

Output Name:

Output Title:

#### Select output format:

Output Format:

Use Variable Labels

**Output Format**

- Choose format for report from HTML, CSV, PDF or RTF

Always check box to get comprehensive labels on your final reports



# Output Formats

**PDF** – “snap shot” of your data; easiest reports to interpret

- Data cannot be easily modified once in this format

**HTML** – Web page based document language<sup>1</sup>

- Default for all report unless changed; good graphical display of data

**CSV** – Comma separated value file

- Used when you want to export data reports from NHSN to spreadsheets (i.e. Excel)
- Exported files can be modified/manipulated within the receiving program

**RTF** – Rich Text Format

- Document file format developed by Microsoft for cross-platform document interchange<sup>1</sup>



1.HTML, RTF. (n.d) Wikipedia. Retrieved from <http://en.wikipedia.org/wiki/Html>



Browser address bar: <https://sdn7.cdc.gov/nhsn/analysisrequest.do>

Navigation: File Edit View Favorites Tools Help

Search: Search MSN News Celebrity Video Weather Hotmail Messenger Game

Page Title: NHSN 6.5.0.14 Analysis

Enter the timeframe for the data you wish to analyze

Middle Section of Screen

Use Variable Labels

Select a time period or Leave Blank for Cumulative Time Period:

Date Variable Beginning Ending Clear Time Period

Don't use unless you want to clear time variable selections

Enter Date variable/Time period at the time you click the Run button

There are 5 different selections for the date variable; choose the type that best suits your needs

- Note – NHSN quarters and half-years are based on a calendar year

Specify by	Date variable	Beginning	Ending
Date	eventDate	01/01/2009	12/31/2009
Year*	evntDateYr	2009	2009
Half-year*	evntDateYH	2009H1	2009H2
Quarter*	evntDateYQ	2009Q1	2009Q4
Month	evntDateYM	01/2009	12/2009

Other Options:

[Print Variable Reference Li](#)

This section allows you to filter data by selecting which variables you would like in your analysis

- The variable reference list (hyperlinked to table) is a helpful reference; provides descriptions of data variables

Enter Date variable/Time period at the time you click the Run button

#### Specify Other Selection Criteria:

[Show Criteria](#) [Column +](#) [Row +](#) [Clear Criteria](#)



#### Other Options:

Modify Variables To Display By Clicking: [Modify List](#)

Specify Sort Variables By Clicking: [Modify List](#)

Select Page by variable:

[Print Variable Reference List](#)

Run

Save As

Reset

Back

Export Output  
Data Set

NHSN Variable Reference List

Variable Name	Label
ABOconfirm	ABO Routinely Confirmed
ABOconfirmSep	ABO Confirmation on Separately Collected Specimen
ABOconfirmWhen	When ABO confirmed
ABOconfirmWhenDesc	When ABO confirmed Description
abx_mean	NHSN ABX Pooled Mean
ABX_pct10	NHSN ABX 10th Percentile
ABX_pct25	NHSN ABX 25th Percentile
ABX_pct50	NHSN ABX 50th Percentile
ABX_pct75	NHSN ABX 75th Percentile
ABX_pct90	NHSN ABX 90th Percentile
ABXCount	ABX Incident Count
ABXFistulaCount	ABX Count Fistula
ABXGraftCount	ABX Count Graft
ABXPCLCount	ABX Count Perm Central Line
ABXPortCount	ABX Count Port
ABXRate	ABX Rate
abxStandards	Use ABX Busc Stds?
abxStart	In-unit IV Antimicrobial Start
ABXTCLCount	ABX Count Temp Central Line
abxTest	Perform Busc Testing?
abxTestPerf	Where Busc Testing Performed
abxTestPerfDesc	Where Busc Testing Performed
accessType	Access Type
acComment	ACS Test Method Comment
accredByAABB	AABB Accred
accredByCAP	CAP Accred
accReBact	Access Related Bacteremia
ACINE	Organism MDR-Acinetobacter



Other

[Print Variable Reference List](#)

Modify Variables To Display By Clicking: [Modify List](#)

Specify Sort Variables By Clicking: [Modify List](#)

Select Page by variable:

Enter Date variable/Time period at the time you click the Run button

**Other Options:**  
 The options displayed in this section are vary dependent on the type of output you are creating such as lists, graphic charts or rates.

**Modify Variables** allows you select which variables to show your output report

- You may add, remove, or change the order of variables depending on how you want them to appear in the final report


**Other Options:**

Modify Variables To Display By Clicking: [Modify List](#)

Specify Sort Variables By Clicking: [Modify List](#)

Select Page by variable:

Run Save As Reset Back Export Output Data Set

Bottom Section of Screen



Enter Date variable/Time period at the time you click the Run button

**Specify Other Selection Criteria:**

[Show Criteria](#) [Column +](#) [Row +](#) [Clear Criteria](#)

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Options:**

Modify Variables To Display By Clicking: [Modify List](#)

Specify Sort Variables By Clicking: [Modify List](#)

Select Page by variable:

You may select to display reports by a specific variable per page

**Examples:**

- Reports with each individual location listed on a separate page
- All MDRO reports sorted with CDI, VRE and MRSA on separate pages

https://sdn7.cdc.gov/nhsn/analysisrequest.do

File Edit View Favorites Tools Help

bing Search MSN News Celebrity Video Weather Hotmail Messenger Game

Favorites

NHSN 6.5.0.14 Analysis

Enter Date variable/Time period at the time you click the Run button

### Specify Other Selection Criteria:

[Show Criteria](#) [Column +](#) [Row +](#) [Clear Criteria](#)

## Output Options:

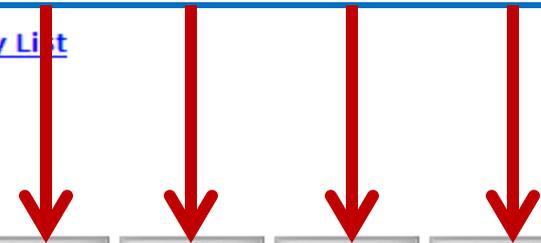
- **Run** – quick view of your modified output before you further modify, save or export it
- **Save As** – Option to save your modified output in your filing cabinet under the name you chose
- **Reset** – resets your report back to the original NHSN settings
- **Back** – returns you to the output options page

Modify Variables To Display By Clicking: [Modify List](#)

Specify Sort Variables By Clicking: [Modify List](#)

Select Page by variable:

Run Save As Reset Back Export Output Data Set



https://sdn7.cdc.gov/nhsn/analysisrequest.do

File Edit View Favorites Tools Help

bing Search MSN News Celebrity Video Weather Hotmail Messenger Game

Favorites

NHSN 6.5.0.14 Analysis

Enter Date variable/Time period at the time you click the Run button

**Specify Other Selection Criteria:**

[Show Criteria](#) [Column +](#) [Row +](#) [Clear Criteria](#)

## Output Options (continued):

**Export Output Data Set-** allows you to export your NHSN data to another program (i.e.. Excel, Access, etc.)

- Facilitates use of data in programs you may be more familiar with for statistical analysis and graphing
- Useful for sharing data with non-NHSN users within your organization
- Allows you to pre-format and filter data before exporting

Modify Variables To Display By Clicking: [Modify List](#)

Specify Sort Variables By Clicking: [Modify List](#)

Select Page by variable:

Run

Save As

Reset

Back

Export Output  
Data Set



Browser navigation bar with address bar (https://sdn7.cdc.gov/nhsn/analysisrequest.do), menu (File, Edit, View, Favorites, Tools, Help), search bar (bing), and utility icons (Search, MSN, News, Celebrity, Video, Weather, Hotmail, Messenger, Game). A tab titled "NHSN 6.6.0.6 Analysis" is visible.



Department of Health and Human Services  
Centers for Disease Control and Prevention

NHSN - National Healthcare Safety Network

- NHSN Home
- Reporting Plan
- Patient
- Event
- Procedure
- Summary Data
- Import/Export
- Analysis
  - Generate Data Sets
  - Output Options
  - Statistics Calculator
- Surveys
- Users
- Facility
- Group
- Log Out

Logged into California General Hospital (ID 15633) as TRACYLANIER.  
Facility California General Hospital (ID 15633) is following the PS component.

## Export Output Options

Exporting Option Line Listing - All CLAB Events: Select data export format

- delimited file (comma-separated values) (\*.csv)
- delimited file (tab-delimited values) (\*.txt)
- Excel spreadsheet (\*.xls)
- Excel 5.0 or 7.0 (95) spreadsheet (\*.xls)
- dBASE 5.0, IV, III+, III, and II files (\*.dbf)
- SAS for Windows V7/8/9 (\*.sas7bdat)

Export      Back



Program options for exporting your data sets from NHSN

https://sdn7.cdc.gov/nhsn/analysisrequest.do

File Edit View Favorites Tools Help

bing Search MSN News Celebrity Video Weather Hotmail Messenger Game

NHSN 6.6.0.6 Analysis

Enter Date variable/Time period at the time you click the Run button

### Specify Other Selection Criteria

[Show Criteria](#) [Column +](#) [Row](#)


### Other Options:

Modify Variables To Display By

Specify Sort Variables By Clicking

Select Page by variable:

## Advanced Output Options:

**Save** – You can save your modifications as temporary to use in future. Once you have saved your file under a unique name, you can find it both in My Custom Output and in the original module folder in Custom Output.

**Publish** – You can share the template that is currently open with other NHSN Users from your facility (only) by publishing it. They can find it in Published Output folder.

**Note** – A published document can be modified and saved by another user without changing the original.

Run Save Save As Reset Back Publish Export Output Data Set

# That's all there is to NHSN Analysis Basics!

## Remember:

- Generate a new data set if you want to create output (ie. A report) and have entered new data
- **PRACTICE!** You are working with a copy of your data and won't harm the data you have entered into the NHSN database
- Print and use the **NHSN Analysis Quick Tips** as a reference

# HAI Program Website

[www.cdph.ca.gov/programs/HAI/](http://www.cdph.ca.gov/programs/HAI/)

**Healthcare Associated Infections (HAI) Program - Windows Internet Explorer**

http://www.cdph.ca.gov/programs/hai/Pages/default.aspx

**Healthcare Associated Infections (HAI) Program**

[Birth, Death, & Marriage Certificates](#)  
[Licensing and Certification](#)  
[Pertussis \(Whooping Cough\)](#)  
[WIC](#)  
**Quick Links**  
[About Us](#)  
[Decisions Pending & Opportunities for Public Participation](#)  
[Diseases & Conditions](#)  
[Job Opportunities](#)  
[Local Health Services](#)  
[Multimedia](#)  
[Newsroom](#)  
[Public Availability of Documents](#)  
**Related Links**  
[California Health and Human Services Agency](#)  
[Department of Health Care Services \(includes Medi-Cal\)](#)  
[State Agencies Directory](#)

## Healthcare Associated Infections (HAI) Program

The Healthcare Associated Infections (HAI) Program is one of three programs in the [Center for Health Care Quality](#) of the [California Department of Public Health](#). The Program is responsible for the surveillance and prevention of infections in California's general acute care hospitals as mandated by Senate Bills 739, 1058, and 158. The Program was authorized in December 2009.

HAI's are the most common complication of hospital care and are listed among the top ten leading causes of death in the United States. It is estimated that each year there are more than 240,000 infections, 13,500 deaths, and \$3.1 billion dollars in excess healthcare costs in acute care hospitals alone. Based on this data it is estimated that approximately 240,000 patients develop infections in California hospitals each year at an annual cost of about \$600 million. The vision of the HAI Program is to eliminate HAI's for California patients.

With the assistance of a grant from the American Recovery and Reimbursement Act (ARRA) of 2009, Program staff are actively involved in assisting hospitals in infection surveillance, prevention and reporting procedures. The HAI Program is advised by a committee of healthcare professionals and public advocates from throughout California who recommend methods for publicly reporting cases of hospital acquired infections and process measures for preventing the spread of HAI's based on national guidelines.

**Program Information**

- [Contact The HAI Program](#)

**Resources for Infection Prevention Programs**

- [Legislation and Regulations](#)  
Includes AFL 10-27 (new guidelines for ESP in long-term care facilities)
- [Current Reporting Forms](#)
- [Healthcare Associated Infections and Infection Control Guidelines](#)

**Public Reporting of Hospital Data -- NO DATA POSTED AT THIS TIME**

**The California Antimicrobial Stewardship Program Initiative**

- [The California Antimicrobial Stewardship Program Initiative \(CASPI\)](#)

**The Healthcare Associated Infections Advisory Committee**

- [HAI Advisory Committee](#)  
Link to public website

**Resources**

- [CDC National Healthcare Safety Network \(NHSN\)](#)
- [CDC Infection Control Guidelines](#)
- [Association of Professionals in Infection Control and Hospital](#)

start Citrix Access Platform... Healthcare Associate... Presentations 2010 Microsoft PowerPoint ... Norton 11:38 AM

# Questions?

Your more information, please contact

[InfectionControl@cdph.ca.gov](mailto:InfectionControl@cdph.ca.gov)

or

Your HAI Liaison IP

