

AICE[®] Complements NHSN

Fast and easy NHSN data export



Use AICE for mandatory reporting to NHSN. The AICE screen design mirrors NHSN-required data for comparing to NHSN benchmarks and transmission to CDC in NHSN format. Add the Surgical Data Transfer Solution to translate and validate surgical procedure data and eliminate time-consuming manual data entry of surgeries into NHSN.

- Real time data access*
 - Micro Lab
 - Admission/Discharge
 - Surgery
- Customized alerts*
- Antibigrams*
- Process & outcome measures
- Evidence-based surveillance
- NHSN rate comparisons & easy data export in CDC-required format
- Implementation services transform existing real-time data into data useful for infection prevention analysis and alerts

*Requires AICE v.5 Data Transfer Solution.

With many states mandating use of NHSN for reporting healthcare-associated infections (HAIs), we're often asked how AICE and NHSN work together in an infection surveillance and prevention program.

AICE complements your use of NHSN by eliminating or reducing manual data entry; automatically translating codes into NHSN-required codes; validating data (for completeness and appropriate coded responses); and enabling you to analyze your HAI results before reporting them to authorities. Compare your data to NHSN rates, and export data in CDC-required format.

AICE also provides tools and benefits beyond those available in the NHSN reporting system.

- AICE provides a wide range of additional analytic capabilities for planning and analyzing normal surveillance data and special case-control studies, as well as facility-specific alerts and antibigrams.
- With AICE version 5 and Data Transfer, new data mining features bring data to AICE for fast analysis and follow-up:
 - Act on critical alerts and reports based on real-time data from your facility's systems.
 - Use timely data to help manage infection prevention protocols in your facility.
 - Run antibigrams needed to support antimicrobial stewardship programs.

The table on the following page provides more details about how AICE benefits your infection prevention program.

For more information about AICE, contact us at sales@icpa.net, or visit www.icpa.net to register for a free live web demo.

Infection Prevention Benefit	How AICE Helps
Report HAIs to meet state-mandated requirements	<p>The latest AICE screen design mirrors NHSN data collection for the following modules: CLABSI, CLIP, VAP, CAUTI and SSI. Current AICE users can upgrade their existing database setup to add these fields, or use the new AICE acute care setup to start a new database.</p> <p>AICE Surgical Data transfer saves hours of time, reduces risk of reporting inaccurate surgical data and helps improve results by:</p> <ul style="list-style-type: none"> Automating translation of surgical codes into 41 NHSN codes. Transferring data automatically to AICE for NHSN comparisons, additional statistical analysis and follow-up to reduce infection rates. Creating an NHSN export file that is easily imported into NHSN, to eliminate manual entry of surgical denominator data already in your O.R. system. <p>AICE will export CLABSI and SSI data and CLIP measures when CDC provides the HL7-approved export specifications. We understand that CDC intends to go live with the CDA solution for BSI and SSI and denominators in the Fall 2009.</p>
Track Infection Prevention and Quality details the government and public don't need to see	<p>With AICE, track what's important to you, such as:</p> <ul style="list-style-type: none"> Patients at additional risk for any reason. For example: Known MDRO carriers, diabetic patients, limited mobility patients. Additional process data. For example: Tracking intraoperative temperature on surgery patients, or timing and appropriateness of prophylactic antibiotics. Information about devices, such as line type or manufacturer. <p>Add data collection fields, remove fields not of interest, and use your own coded responses to standardize data collection.</p>
Analyze, review & validate your data before sending it to NHSN—while you can still lower infection rates	<p>Analyze data in AICE and take corrective action BEFORE reporting results. With Enterprise Shared-Database Edition, analyze results across participating facilities.</p>
Apply sophisticated analytic and statistical capabilities to identify and address potential problems	<p>AICE offers customizable lists, counts, rates, cost analyses reports and graphs, as well as statistical tests (e.g., Fisher's Exact, Chi Square, Descriptive Statistics and Z test of rates). You don't need knowledge of programming languages to create AICE reports. Ask your ICPA consultant for the latest list of reports. LabScanner[®] enables analyses of micro lab results, including antibiograms.</p>
Customize graphs to quickly communicate status with administration and clinical staff	<p>Choose from pie, bar, area, line and Pareto graphs. Easily change graph type and appearance. Drill down to patient level line lists. Export to BMP or JPG files for import into slideshows or written documents.</p>
Identify post discharge surgical site infections	<p>Create 30-day post discharge surgical follow-up lists and letters for surgeons.</p>
Implement Data Transfer to bring data from your other facility systems into AICE for data mining	<p>Custom implementation services support your resources by translating your facility's surgical, micro and other codes into standardized codes for NHSN comparisons and export, and creating templates for automated data transfer.</p>
Receive Admission event alerts to isolate or follow up faster if needed	<p>After Data Transfer implementation, receive alerts on incoming known MDRO carriers or recent surgery re-admits.</p>
Mine your micro lab data to help manage infection control protocols	<p>Receive reports and alerts on lab results, such as first admission positive, first MRSA positive, reportable diseases.</p>
Use antibiograms to facilitate antibiotic stewardship	<p>Analyze antibiograms by ICU type, HAIs, Community-acquired and other criteria important to your facility.</p>
Create daily follow-ups for yourself and others to prioritize surveillance and prevention activities	<p>Generate lists of patients with vents or central lines for more than x days. Drill down from line lists to patient-level records. With Live Edit, add follow ups, due dates and comments to patient and lab screens. Create follow-up reports for action.</p>
Save time with live Customer Support	<p>Use Support assistance to step you through report creation, data collection changes and more. Support via phone or email M-F 8-5 CST. A KnowledgeBase is available 24/7 for tips and frequently-asked questions.</p>