

## Continuous Quality Improvement Project

DATA SOFTWARE	
STATE	
<b>Alabama</b>	Information is entered into and reports generated from a Quality Assurance Database which is an ACCESS database program. Only state level Quality Assurance consultants, the state office Data Analysis consultant and the Quality Assurance Manager are trained to enter and access data in this system.
<b>Arizona</b>	Arizona uses Access, SPSS and Excel (most commonly used by CQI Unit). The State has begun to use Tableau on its Business Intelligence Dashboard. Software is not specifically trained to PI Specialists; however they do receive some training in using the Dashboard and Excel.
<b>Colorado</b>	Reports are created using Crystal Reports. The State planned to move to Cognos; however, the economy has slowed that process. SPSS is used to gather random samples and for outcome analyses and research. Microsoft Access is used as a database for the screen out review results and for other ad hoc activities.
<b>Connecticut</b>	Most quantitative reports from the SACWIS system are created using pivot tables in SQL Server. For qualitative data, SPSS and SASS are primarily utilized. There is basic training on data software for the field, however the majority of those creating reports came into their positions with previous software skills.
<b>District of Columbia</b>	The QA Unit primarily uses Excel for data analysis. Tableau is used for presentations.
<b>Florida</b>	All data is stored on the State's web portal. The system was built by an IT vendor and is now managed by the Department's IT team. Reports are run through the portal and can be downloaded to an Excel document for manipulation. Lead agencies are given access to data associated with their subcontracted agencies.
<b>Georgia</b>	No specific data software is used to generate reports.
<b>Hawaii</b>	Hawaii uses Microsoft Word and Excel for all data analysis. Other software is currently being explored.
<b>Idaho</b>	SPSS is used to run frequencies and break data down by field office and at the local level.
<b>Illinois</b>	Illinois utilizes Nomad, and is currently trying to transfer all systems onto SQL. For instance, the OER database is currently on Nomad but will be transferring to SQL. CQI staff use excel, and have used Access.
<b>Indiana</b>	Indiana currently uses FileMaker to house all of its Quality Service Review (QSR) data. Several PQI staff have recently been trained on SASS. The State is in the process of creating a database with its QSR data so that PQI staff may use SASS to produce more reports and complete further data analysis.

## Current as of October 17, 2012

<b>Iowa</b>	SPSS is used by Quality Assurance and Improvement (QA & I) Unit staff. All staff were trained on SPSS when they joined the Unit. No additional training is provided.
<b>Kansas</b>	The State uses Access to run queries and a central reporting application for case read data which allows users to drill down to case specific information. The State has used SPSS in the past but is not currently utilizing the software.
<b>Kentucky</b>	Kentucky's data management group uses a wide variety of software for data management and analysis.
<b>Maine</b>	No particular software is used to generate reports or analyze data. Databases are designed and used as needed.
<b>Michigan</b>	Michigan primarily uses Excel for the Division of Continuous Quality Improvement (DCQI) activities and may use Access in the future.
<b>Minnesota</b>	The QA Unit uses Microsoft Word, Excel, PowerPoint and an Access database for all QA-related activities.
<b>New Mexico</b>	New Mexico utilizes a variety of software including Excel, Access, and SPSS. Typically they try to hire staff with knowledge of this software prior to starting in a CQI position within the Research and Evaluation Bureau.
<b>New York</b>	Microsoft Excel is used most frequently when analyzing data and generating reports. They prefer this software since it's the most user friendly to the end user as they can easily sort the data by the different variables. Microsoft Access and SPSS are also used, but not as frequently as Excel.
<b>Oklahoma</b>	Oklahoma uses Access as their CQI database software.
<b>Pennsylvania</b>	PA data analysis contractor, Hornby, Zeller & Associates, created a database for the analysis of QSR data. Both Cognos and SPSS have been used for data analysis in the past.
<b>South Dakota</b>	South Dakota exports SACWIS data to Excel to analyze data and create reports.
<b>Tennessee</b>	Excel is used most frequently for data analysis. SPSS is also utilized and trainings are offered on the software. The State is currently transitioning their Dashboard to use Micro Strategies. Leadership and program managers have already been trained on Micro Strategies; regional coordinators and staff will also be trained. =
<b>Texas</b>	The Investigations Team uses software developed by in-house IT staff to enter reading information and generate reports. Data analysis is then exported to Excel. The CFRS Team uses software and a database created by in-house IT. There are numerous reports written into the database, allowing Program Improvement (PI) Specialists access to the reports they need. Information is searchable by quarter, outcome, year, region, time period, etc.
<b>Virginia</b>	Through the Casey Family Programs grant, the CQI Unit received access to Delta Graphics and FileMaker. The CQI Unit received training on these programs when they were first introduced. The Unit also uses Excel, Access and SPSS. OBRA uses only Excel and Access. Internal training is available on Excel.

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<b>West Virginia</b>	The Office of Planning and Quality Improvement (DPQI) collects data on a secured Sharepoint site. The State does not offer training on data software.
<b>Wisconsin</b>	The State currently uses FileMaker Pro as the foundation of their database and does not use particular software for data analysis. The State is looking into using Access for their databases.