Guide to 2016 TQIP Participation

Welcome .........................................................................................................................2

ACS TQIP Components ...............................................................................................2
  TQIP Reports .............................................................................................................2
  Patient Lists ................................................................................................................2
  Data Quality ................................................................................................................2
  TQIP Communications ..............................................................................................4
  TQIP Education and Training ..................................................................................5
  Annual Meeting .........................................................................................................5

TQIP Calendar: 2016 ....................................................................................................7

Contact Us .....................................................................................................................8
Welcome

Welcome to the 7th year of ACS TQIP. Many of you are continuing TQIP participants, and some centers are new to TQIP this year. We are pleased to inform you that there were a total of 386 Level I and II trauma centers participating as of January 1<sup>st</sup> of this year. In this document, you will find an overview of the program components for this year.

Please note that we will update the Participation Guide as any details change. As a young and dynamic program, TQIP adapts as needed and therefore we may adjust timelines and other plans, etc. throughout the program year.

ACS TQIP Components

TQIP Reports

TQIP benchmark reports compare outcomes for all patients that meet TQIP inclusion criteria, and when appropriate, for those patients that fall into selected patient and injury characteristic subsets (i.e. shock patients). We provide two reports a year, one in the spring and one in the fall, and the data included in each report is as recent as six months post-discharge.

We currently model mortality, major complications, and major complications including death in both Adult and Pediatric TQIP, with 8 Adult patient cohorts and 6 Pediatric patient cohorts, as well as a series of specific complications models in targeted cohorts for a total of 30 models in Adult, and 21 models in Pediatric TQIP. We plan to continue exploring alternative cohorts and increasing our capacity to model additional specific complications – so stay tuned for updates and changes!

Patient Lists

TQIP participants have access to an online analytic tool that allows you to drill-down into benchmark reports based upon outcome, cohort, and report cycle, and to identify the details of cases that are classified as unexpected outcomes based on our predictive models. This tool is accessible through a secure login on the NTDB Datacenter. Following each report, you will receive communications for accessing the online patient list and any notifications of changes or updates.

Data Quality

TQIP has a strong emphasis on data quality. All aspects of TQIP are focused on the importance of consistent, standardized data. TQIP data elements directly overlap with existing NTDB data elements, but with additional TQIP-specific fields. TQIP data submissions are also subjected to a TQIP-specific Validator.
that accommodates both the additional fields and the modified TQIP submission schedule. The Validator checks for invalid and inconsistent data and rejects files that contain serious flags. The first test of data quality for TQIP centers is the Validator. Please review the Validator reports that result from your quarterly submission, and correct flags, if needed. If you are missing any TQIP-specific fields please contact your vendor, as missing fields will affect your data and TQIP reports.

TQIP centers are required to make quarterly data submissions to provide contemporary data for analysis. This process allows for many advantages in terms of data quality and usefulness over submitting data on an annual basis. We are able to provide more contemporary reports, which means that you will get feedback on your patient outcomes sooner after you collect and transmit data to us, and will be able to act more swiftly on improvements to patient care. In addition, we are scrutinizing more current data as we assess data quality issues.

Please take the time to read and carefully consider the information below, and contact us with your questions. TQIP quarterly data collection process:

- We will call for data each quarter, on the schedule below.
- Ideally, hospitals will follow the quarterly schedule and transmit contemporary data within the two months following the end of each quarter.
- However, we know that some hospitals may lag behind our schedule; may need to correct problems in already submitted records; and may want to send records that were not closed in an earlier quarter due to long LOS.
- We are allowing submission of records that were not previously sent, or were updated since the last quarterly submission, and they must conform to the admission and discharge dates shown in the third column below.
- Records will always use the data dictionary and validator of their admission year.
- Data files must be separated by admission year, so if you are submitting data from two different admission years you would be sending two files.
- Any re-submitted record will overwrite its existing version in the database.
### 2016 TQIP Data Submission Schedule

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Quarterly Call for Data windows</th>
<th>Patient admission and discharge must fall in this time frame</th>
</tr>
</thead>
</table>

Prior to each deadline, more specific details and instructions will be provided.

If you have concerns about how data quality is affecting your TQIP results, please contact TQIP staff. We will help you to conduct a review of your data coding and mapping practices, focused on those specific fields important to TQIP analysis.

The TQIP external data validation process monitors data quality by examining a center’s benchmark reports and quarterly data submission, which prompts targeted site visits for a more detailed validation review using case abstraction. This process provides more contemporary feedback on data reliability and helps discover issues that could affect your risk-adjusted benchmark results.

**TQIP Communications**

Major TQIP communications will come from the TQIP inbox, tqip@facs.org. **Please add this email address to your list of accepted senders to ensure you receive all TQIP communications.**

Please notify us of any staff changes via the TQIP inbox. This way we can ensure the correct staff at your center are notified of important TQIP events, changes, educational offerings, and reports.

Like the NTDB Google group, the TQIP Google group is a great resource relying on expertise of fellow abstractors and PI practitioners. If you have not already done so, please visit [www.acstqip.org](http://www.acstqip.org) for instructions on joining the Google group.
Following the release of each TQIP benchmark report, we will host educational sessions to help centers understand and interpret their results. Following the spring report, we will hold a web conference to review benchmark report findings. The fall report will be discussed in multiple sessions at our annual TQIP conference.

In 2016, we will continue holding monthly question and answer web conferences for registry staff at centers. These are meant to field any questions you may have about the program, reports, or other issues in a setting where others can learn from the discussion.

We will host web conferences on other topics as necessary.

TQIP Education and Training

Registry education is an important underpinning of data quality and standardization. TQIP offers an online training course that reflects the current NTDS data dictionary and any changes to the TQIP program. The online training highlights those fields important for TQIP analysis, new fields, and also provides a background on the overall program. We encourage you to use the online course for new and continuing staff at your center. Both can benefit from the material. We offer CE credits for those who complete the online training course. To access TQIP education, please visit www.acstqip.org and navigate to the Participant Portal. To get your login and password to the TQIP Portal, please email tqip@facs.org.

TQIP also provides monthly educational experiences for TQIP abstractors. In order to determine the focus of these educational activities, we have carefully examined data quality issues and have also taken into consideration comments and questions we receive about data elements. We hope to use the educational activities as learning experiences for abstractors. Most educational experiences will be sent electronically to participants and responses will also be gathered electronically. TQIP varies the format of educational experiences in order to provide different types of learning opportunities.

Annual Meeting

TQIP will hold its Annual Scientific Meeting on November 5-7, 2016 in Orlando, FL. More meeting details will follow, and please save the date. This meeting will include presentations on TQIP analytics, a focus on understanding the program and reports, using TQIP results in your own PI program, hot topics in trauma, and new, TQIP-specific data elements. Once again this year, we will have breakout sessions for new centers as well as seasoned TQIP centers.
Trauma Medical Directors, Program Managers, Coordinators, Registrars, and other members of the team should plan to attend. TQIP, like trauma, is a team effort. We encourage you to bring as many of your team as possible to this important annual event.

Continuing medical education (CME) and reciprocal continuing education (CE) credits are available for participants who attend the TQIP Annual Meeting.

New this year, we will be holding a variety of pre-conference workshops November 3 and 4. Please see the conference website for more details.
## TQIP Calendar: 2016

<table>
<thead>
<tr>
<th>Month</th>
<th>Activities</th>
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<tbody>
<tr>
<td>January</td>
<td>• 2016 Data Dictionary effective for 2016 admissions</td>
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<tr>
<td></td>
<td>• TQIP Monthly Q&amp;A Web Conference for Registry Staff</td>
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<td></td>
<td>• Monthly educational experience</td>
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<tr>
<td>February</td>
<td>• Data submission web conference</td>
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<td></td>
<td>• Monthly educational experience</td>
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<tr>
<td>March</td>
<td>• Quarterly data submission deadline March 1&lt;sup&gt;st&lt;/sup&gt;</td>
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<tr>
<td></td>
<td>• TQIP Benchmark Report</td>
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<td>April</td>
<td>• TQIP Monthly Q&amp;A Web Conference for Registry Staff</td>
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<tr>
<td>May</td>
<td>• TQIP Monthly Q&amp;A Web Conference for Registry Staff</td>
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<td>• Monthly educational experience</td>
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<tr>
<td>June</td>
<td>• Quarterly data submission deadline June 1&lt;sup&gt;st&lt;/sup&gt;</td>
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<td>• Monthly educational experience</td>
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<tr>
<td>November</td>
<td>• TQIP Annual Meeting and Training – November 5-7&lt;sup&gt;th&lt;/sup&gt; in Orlando, Florida</td>
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<tr>
<td>December</td>
<td>• Quarterly data submission deadline December 1&lt;sup&gt;st&lt;/sup&gt;</td>
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<tr>
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<tr>
<td></td>
<td>• Monthly educational experience</td>
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Please note that web conferences, etc. will be scheduled or rescheduled due to availability of participants and needs of the program.
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