Case Mix Analysis Summary Report
Instructions to Access & Frequently Asked Questions
CASE MIX ANALYSIS SUMMARY

HOW TO ACCESS THE CASE MIX ANALYSIS SUMMARY REPORT

Begin by accessing the CASPER System. Enter your User ID and Password. Select the Login button. (If your agency currently holds a contract with a software vendor for OASIS data entry and report generation, contact your vendor for instructions on how to access these reports.)

**Failed Login?** After 3 consecutive unsuccessful login attempts, your User ID may be locked out of the system. (MDS/HHA Providers - Please remember your User ID/Password is the same that you use in your submission process.) If lockout occurs, your User ID and Password must be reset:

- QIES users contact the QTSO Help Desk at 1-800-339-9313, OASIS_help@ifmc.org, or MDS_help@ifmc.org;
- SDPS users contact your Internal Point of Contact, who may contact the Quality Net Help Desk.

**QIES Minimum System Requirements:** (effective 01/01/2006) Although users may be able to get reports without meeting the minimum system requirements outlined below, deviating from these is not recommended. Any other configuration, including all previous system requirements, is not supported by CMS (e.g. using the Netscape browser, Windows 98, etc.).

- CPU: Pentium 3 (500 MHz)
- Memory: 256 Mb
- Operating System: Windows 2000 or XP
- Hard Drive: 500 Mb free space
- Browser: Internet Explorer v5.5 SP2

**Notice on use of Internet Explorer 7.0**

**MDS QI/QM Notice:** (12/14/2005) The data on the MDS QI/QM reports is calculated every Monday morning. It is not necessary to wait until the first Monday of each month to request the reports. The 'Data was calculated on' date field on the CASPER Reports Submit page will display the last date that the data was calculated.

Note: Your screen shots may appear slightly different than those represented throughout this demonstration.
1. You will now be viewing the CASPER home page noted by the Welcome to CASPER message. As you view this page you can access the Reports via the CASPER Topics toolbar or you can click on the Reports link below the Welcome to CASPER message.

![CASPER Topics toolbar]

Welcome to CASPER

Use the buttons in the toolbar above as follows:

- **Logout**: End current session and exit the CASPER Application
- **Folders**: View your folders and the documents in them
- **Reports**: Select report categories and request reports
- **Queue**: List the reports that have been requested but not yet completed
- **Options**: Customize the report format, number of links displayed per page and report display size
- **Maint**: Perform maintenance such as creating, renaming and/or deleting folders
- **Home**: Return to this page

2. When you click on Reports you will be transported to the CASPER Reports page. Locate Report Categories directly below the CASPER Reports heading. Click on the **HHA OBQI Reports** link.

![CASPER Reports]

Report Categories

- **ACTS National**
  - HHA Briefing Book
  - HHA OBQI Reports
- **HHA OBQM Reports**
  - HHA OBQM Report
  - HHA OBQM/I Management
  - HHA Provider
  - HHA Survey Reports
  - Index Reports
3. You should now be viewing the **HHA OBQI Report** Categories. The **Case Mix Analysis Summary Report** is the first on the list as noted in the screen shot below.
4. Click on the Case Mix Analysis Summary Report link. You will be transported to the Reports page depicted below. From this point you can choose the outcome that your agency is interested in viewing. Select the desired filter date range and click the Submit button at the bottom of the page.

<table>
<thead>
<tr>
<th>Report: Case Mix Analysis Summary Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Improvement in Grooming</td>
</tr>
<tr>
<td>☐ Improvement in Lower Body Dressing</td>
</tr>
<tr>
<td>☐ Improvement in Toileting</td>
</tr>
<tr>
<td>☐ Improvement in Ambulation/Locomotion</td>
</tr>
<tr>
<td>☐ Stabilization in Light Meal Preparation</td>
</tr>
<tr>
<td>☐ Improvement in Housekeeping</td>
</tr>
<tr>
<td>☐ Stabilization in Shopping</td>
</tr>
<tr>
<td>☐ Improvement in Management of Oral Medications</td>
</tr>
<tr>
<td>☐ Stabilization in Speech and Language</td>
</tr>
<tr>
<td>☐ Improvement in Status of Surgical Wounds</td>
</tr>
<tr>
<td>☐ Improvement in Urinary Incontinence</td>
</tr>
<tr>
<td>☐ Stabilization in Cognitive Functioning</td>
</tr>
<tr>
<td>☐ Stabilization in Anxiety Level</td>
</tr>
<tr>
<td>☐ Discharged to Community</td>
</tr>
</tbody>
</table>

Begin Date: 10/2005
End Date: 09/2006
Filter Begin Date: 10/2005
Filter End Date: 09/2006
5. The CASPER Reports Submit toolbar will appear. Directly below the Casper Report Submit verbiage you will see, in this case, one report has been queued. You will also see the agency ID associated with the queue when you run a report.

6. If you would like to see how long this report generation will take, click the Queue button. This will reflect the number of reports ahead of your submission as illustrated in the screen shot below.
7. Next, click the Folders button.
The report will appear in this location after the system has completed its generation.

8. Simply double click on Case Mix Analysis Summary Report. The report will appear in PDF format. You can choose to save and/or print the report from this page.
1. **What does the Case Mix Analysis Summary Report show?**
The Case Mix Analysis Summary Report is designed to provide a summary of the differences in the case mix factors among patients that achieved a particular outcome, compared with those patients that did not achieve each outcome.

2. **Why would my home health agency want to access the Case Mix Analysis Summary Report?**
Comparing differences in case mix values between those patients that achieved an outcome to those that did not will help identify risk factors that are applicable in the home health agency (HHA). Early identification and classification of these risk factors could enable you to be proactive in establishing or modifying interventions that will improve the outcome rates for the HHA.

3. **When would my home health agency want to access the Case Mix Analysis Summary Report?**
When developing a new Outcome Based Quality Improvement (OBQI) Plan of Action. Identification of risk factors support the Process of Care Investigation phase of the process. Also, you may want to access as part of the evaluation phase of the OBQI process, especially when improvement is not occurring. A review of case mix differences between those patients that did/did not improve might identify a need to modify or add additional clinical interventions.

4. **What data period is represented in the Case Mix Analysis Summary Report?**
The data period reflected in the report is noted at the top of the report (under the agency name). In addition, the number of episodes that achieved the outcome is also given.

5. **Why do some numbers have percent signs and some do not?**
Some case mix values are reported as percentages and some are reported as averages. Values measured by the presence or absence of a case mix factor have a percent sign (e.g., female gender, Medicaid as a payment source, etc.). Values that do not have a percent sign are averages (e.g., age); many are from OASIS items that are measured using a scale (e.g., bathing is measured on a scale from 0 to 5).

6. **What does it mean if the difference is positive?**
When the difference is positive (i.e., greater than zero), then the case mix value is higher among patients that achieved an outcome.
**Note:** For Acute Care Hospitalization, when the difference is positive (i.e., greater than zero), then the case mix value is higher among hospitalized episodes.

7. **What does it mean if the difference is negative?**
When the difference is negative (i.e., less than zero), then the case mix value is higher among the patients that did not achieve an outcome.
**Note:** For Acute Care Hospitalization, when the difference is negative (i.e., less than zero), then the case mix value is higher among the non-hospitalized episodes.
8. **Why don’t the percentages add up to 100% (across the rows)?**
   They are not supposed to. The percentages are calculated from within each group separately (achieved vs. not achieved).

9. **Why don’t the percentages in a given section add up to 100% (in a column)?**
   Many of the case mix values are based on OASIS items for which multiple items can be marked (e.g., Assisting persons, based on M0350). The sum for groups of case mix values such as these will likely be greater than 100%.

   Furthermore, there are not always case mix values for all the available choices for a particular OASIS item (e.g., Residence, based on M0300). The sum for groups of case mix values such as these will likely be less than 100%.

10. **When should a difference be interpreted as meaningful?**
    This depends on the magnitude of the difference in relation to the scale of the measure (for example, the scale for percentages is 0 to 100; for bathing, the scale is 0 to 5). The difference should also represent a clinically meaningful difference. It may be helpful to start by analyzing the largest differences for your agency, and then systematically determining if the difference is clinically relevant for your agency’s patient population.

11. **Why do some of the case mix items have a shaded background?**
    This is only for the measure of Acute Care Hospitalization. The case mix measures with the green background shading are those that are associated with risk factors for hospitalization that have been reported in the scientific literature. These measures may or may not be risk factors for your particular patient population.