CUSP 4 MVP-VAP
How to Generate and Read ‘My Reports’ for Daily Early Mobility Measures

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Principal Investigator: Sean Berenholtz, MD, MHS, FCCM
Johns Hopkins IRB#: NA_00085530
National Project Team:
Johns Hopkins Armstrong Institute
Michigan Health & Hospital Association Keystone Center
Harvard Healthcare Pilgrim Institute
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Generating ‘My Reports’ for Daily Early Mobility Measures

Logging into the Data Portal and Selecting Your Network

1. Go to the CUSP 4 MVP-VAP Online Portal URL: [https://armstrongresearch.hopkinsmedicine.org](https://armstrongresearch.hopkinsmedicine.org).

2. Log into the portal using the user name and password that you received from the National Project Team (NPT). If you do not have the log in information, or are unable to log in, contact the NPT at cusp4mvp@jhmi.edu.

3. Click on the “My Networks” Tab.

4. Select “My Reports” from the drop-down menu.
5. From the “Select A Project/Initiative” drop down-menu, choose “CUSP4MVP-VAP”.

6. Choose the Daily Early Mobility tool from the drop-down menu, under “Select a Tool”.

7. Select your network from the drop-down menu in the “Select a Network” section.
Delirium Assessment “My Reports”

You can generate a “My Report” for the different subsets within the Daily Early Mobility Measures tool. Delirium Assessment is one of the five subsets within the Daily Early Mobility Measures tool. Generating a report for this subset allows you to visualize how your team is progressing in regards to the CAM-ICU or ASE Delirium Assessment scores.

Generating and Reading the Excel File


9. Select the Excel format when selecting a format to download the report.
10. Select the **appropriate filter** from the “Select A Filter” drop-down menu that you want to download the report for.

- If you are a **Hospital Unit Lead**, you may select the filter labeled “Please Select your Cohort” (outlined in the red box).

  The filter determines how your results are sorted on the sheets in the Excel spreadsheet.

11. If you are a **Coordinating Entity Lead**, you may select the following two filters: “Please Select Your Cohort” or “Please Select Your Coordinating Entity” (outlined in the blue box).

  The filter determines how your results are sorted on the tabs in the Excel spreadsheet.

11. Indicate the range of dates that you would like your data report to cover by selecting the “Date Range” in the drop-down menus next to “From” and “To.” After you have selected your date range, click on “Generate Report,” and an excel file will download onto your computer.
12. Open the Excel File, and a spreadsheet similar to the image below will open in your screen.

<table>
<thead>
<tr>
<th>App Name</th>
<th>Measure Name</th>
<th>Parent Network</th>
<th>Network</th>
<th>Jul 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily Early Mobility</td>
<td>Delirium Assessment Compliance Rate</td>
<td>Sample Network</td>
<td>Sample Hospital DS</td>
<td>80%</td>
</tr>
<tr>
<td>Daily Early Mobility</td>
<td>Percentage of CAM-ICU negative or ASE &lt;= 2 (no delirium)</td>
<td>Sample Network</td>
<td>Sample Hospital DS</td>
<td>20%</td>
</tr>
<tr>
<td>Daily Early Mobility</td>
<td>Percentage of incorrectly reporting CAM-ICU/ASE UTA</td>
<td>Sample Network</td>
<td>Sample Hospital DS</td>
<td>0%</td>
</tr>
</tbody>
</table>

13. Review the information in the Excel file. Rates are displayed for the months that you selected in step 11 above. The numbers in this file will vary according to the measure that it is representing. In this case, since you just completed the steps to generate a report for Delirium Assessments, the numbers in this file represent rates of the specific measures within the Delirium Assessment section of the Daily Early Mobility Measures tool. The measures in the Delirium Assessment report include the following: Delirium Assessment Compliance Rate; Percentage of CAM-ICU negative or ASE less than or equal to 2 (no delirium); Percentage of incorrectly reporting CAM-ICU/ASE UTA.

- **Delirium Assessment Compliance Rate** – The rate displayed in this row represents the percentage of time that the Delirium Assessment was implemented for patients in your ICU(s). This is essentially the number of times the Delirium Assessment was used in the unit (the numerator) divided by the number of times the Delirium Assessment was supposed to be used in the unit (the denominator) as indicated by the data that you or someone from your team entered in the data portal.

- **Percentage of CAM-ICU Negative/ASE less than or equal to 2** – The rate displayed in this row represents the percentages of patients who had no delirium in your ICU(s). Patients who receive a negative CAM-ICU score or an ASE score that is less than 3 are classified as having no delirium. This rate is calculated by dividing the number of patients with no delirium (the numerator) by the number of patients who were given a Delirium Assessment.

- **The Percentage of Incorrectly Reporting CAM-ICU/ASE UTA** – The rate displayed in this row represents the number of times that the data was represented/entered incorrectly. Patients who are reported to have “UTA” for CAM-ICU or ASE but have a RASS score which is NOT -4 or -5 or a SAS score which is NOT 1 or 2, are known to represent incorrect reported data (the numerator). For example if you reported a score of 2 for RASS, but you reported that the CAM-ICU/ASE score is “UTA” (unable to assess), then this will be counted as incorrectly reported data. Therefore, the rate is calculated by dividing this incorrectly reported data (numerator) by the number of patients whose Delirium Assessment score is UTA (denominator).
Generating and Reading the PDF File

Follow Steps 3-8 from above.

9. Select the **PDF** format when selecting a format to download the report.

10. Select the **Date Range** that you would like your downloaded report to include. You can download PDF reports using four different date formats: an exact date range of your choosing; monthly; quarterly; yearly.
How to Generate and Read “My Reports” for Daily Early Mobility Measures

- **Exact Date Range:** Select the “Date” Tab and choose the appropriate date from a drop-down menu.

- **Monthly Report:** Select the “Month” Tab and choose the appropriate month and year from the options.

- **Quarterly Report:** Select the “Quarter” Tab and choose the appropriate quarter and year from the options.
How to Generate and Read “My Reports” for Daily Early Mobility Measures

- **Yearly Report**: Select the “Year” Tab and choose the appropriate year from the options.

  ![Select A Format](image1)
  ![Select A Date Range](image2)

  ![GENERATE REPORT](image3)

11. Once you select the date range that you want, click on “Generate Report” and a new tab/window will be generated with the PDF report. This process may take several minutes.

  ![Select A Format](image4)
  ![Select A Date Range](image5)

  ![GENERATE REPORT](image6)

12. Open the PDF File, and a file similar to the image below will open in your screen.

  ![Delirium Assessment](image7)

  ![Daily Early Mobility - Delirium Assessment](image8)

  ![How Do I Compare?](image9)
13. Review the information in the PDF report. Information is displayed based on the time period that you selected in step 11 above. Since you just completed the steps to generate a report for Delirium Assessments, the numbers in this file represent rates of the specific measures within the Delirium Assessment section of the Daily Early Mobility Measures tool. The measures in the Delirium Assessment report include the following: Delirium Assessment Compliance Rate; Percentage of CAM-ICU negative or ASE less than or equal to 2 (no delirium); Percentage of incorrectly reporting CAM-ICU/ASE UTA.

There are two key pieces of information that the Delirium Assessment PDF report will explain – “My Performance” and “How Do I Compare?”

- **My Performance** (outlined in green in the image above) – This section of the report tells you how you are performing. Within this section is the following information:
  - **My Rate**
    - **Delirium Assessment Compliance Rate** – The rate displayed in this row represents the percentage of time that the Delirium Assessment was implemented for patients in your ICU(s).
    - **Percentage of CAM-ICU Negative/ASE less than or equal to 2** – The rate displayed in this row represents the percentages of patients who had no delirium in your ICU(s). Patients who receive a negative CAM-ICU score or an ASE score that is less than 3 are classified as having no delirium.
    - **The Percentage of Incorrectly Reporting CAM-ICU/ASE UTA** – The rate displayed in this row represents the number of times that the data was represented/entered incorrectly. Patients who are reported to have “UTA” for CAM-ICU or ASE but have a RASS score which is NOT -4 or -5 or a SAS score which is NOT 1 or 2, are known to represent incorrect reported data.
  - **Goal** – Information under this column gives you the target goal for the measure (i.e. “Higher is Better” or “Lower is Better”). For example, in the Delirium Assessment Compliance Rate section, the goal of the unit is to have a higher value vs. the goal of the incorrectly reported values is to have a lower value.
    - **Higher is Better** – A cell that says “Higher is Better” means that it is better for the rate (found to the left of the cell) to be on the higher end of the spectrum.
    - **Lower is Better** – A cell that says “Lower is Better” means that it is better for the rate to be on the lower end of the spectrum.
  - **Num/Den** – “My Rates” are calculated by dividing the numerator and denominator values and then multiplying by 100. The numerator and denominator values of each measure are shown here.
    - **Delirium Assessment Compliance Rate** – The number of times the Delirium Assessment was used in the unit (the numerator) divided by the number of times the Delirium Assessment was supposed to be used in the unit (the denominator) as indicated by the data that you or someone from your team entered in the data portal.
    - **Percentage of CAM-ICU Negative/ASE less than or equal to 2** – The number of patients with no delirium (the numerator) divided by the number of patients who were given a Delirium Assessment.
    - **The Percentage of Incorrectly Reporting CAM-ICU/ASE UTA** – The number of patients whose data is incorrectly reported, i.e. when the patients have a “UTA” for CAM-ICU/ASE when their RASS is NOT -4 or -5 or SAS is NOT 1 or 2 (numerator), divided by the number of patients whose Delirium Assessment score is UTA (denominator).
• **Improvement Opportunities** – This score indicates the number of times the unit can improve in that specific measure (ie. denominator minus numerator).

• **How Do I Compare** (outlined in red in the image above) – This section of the report tells you how you compare to other people in the study. Within this section is the following information:
  o **Comparison Group** – This is the group that the information in your report is being compared to. For the PDF reports, the standard comparison group is your cohort. Your cohort includes other hospitals and units participating in the CUSP4MVP-VAP Project.
  o **Average Performance** – This represents the calculated mean rate values of the comparison group.
  o **My Rate vs. Avg Performance Rate** – This section of the report tells you whether your rates are above or below the average performance (depending on the category of the measure).
  o **My Percentile** – This column shows what percentile your unit’s rate is in comparison to all the other participants in the comparison group.
How to Generate and Read “My Reports” for Daily Early Mobility Measures

Mobility “My Reports”

You can generate a “My Report” for the different subsets within the Daily Early Mobility Measures tool. Mobility is one of the five subsets within the Daily Early Mobility Measures tool. Generating a report for this subset allows you to visualize how your team is progressing in regards to the mobilizing patients as well any adverse events that have occurred during mobilization.

Generating and Reading the Excel File

8. Under “Select A Report”, choose “Mobility” from the drop-down menu.

9. Select the **Excel** format when selecting a format to download the report.
10. Select the **appropriate filter** from the “Select A Filter” drop-down menu that you want to download the report for.

- If you are a Hospital Unit Lead, you may select the filter labeled “Please Select your Cohort” (outlined in the red box).

The filter determines how your results are sorted on the sheets in the Excel spreadsheet.

   ![Select A Filter](image)

- If you are a Coordinating Entity Lead, you may select the following two filters: “Please Select Your Cohort” or “Please Select Your Coordinating Entity” (outlined in the blue box).

The filter determines how your results are sorted on the tabs in the Excel spreadsheet.

   ![Select A Filter](image)

11. Indicate the range of dates that you would like your data report to cover by selecting the “Date Range” in the drop-down menus next to “From” and “To.” After you have selected your date range, click on “Generate Report,” and an excel file will download onto your computer.
12. Open the Excel File, and a spreadsheet similar to the image below will open in your screen.

13. Review the information in the Excel file. Rates are displayed for the months that you selected in step 11 above. The numbers in this file will vary according to the measure that it is representing. In this case, since you just completed the steps to generate a report for Mobility, the numbers in this file represent rates of the specific measures within the Mobility section of the Daily Early Mobility Measures tool. The measures in the Mobility report include the following: Adverse Event Incidence Rate, Adverse Event Incident Rate (Non-intubated), Adverse Event Rate, Adverse event rate (Non-intubated), Percentage of patient days mobilized out of bed, and Percentage of patient days mobilized out of bed (non-intubated).

- **The Adverse Event Incidence Rate** – The rate displayed in this row represents the rate of adverse events incidences that occurred in your ICU(s) for the selected time period. This is essentially the total number of adverse events \( \text{ numerator} \) divided by the total number of days the patient was intubated \( \text{ denominator} \).

- **The Adverse Event Incidence Rate (Non-Intubated)** – This data is only available if your unit has entered data for non-intubated patients. If your unit has not entered this data, this section of the report will either say “0” or will be blank. The rate displayed in this row represents the rate of non-intubated adverse event incidents that occurred in your ICU(s) for the selected time period. This is essentially the total number of adverse events \( \text{ numerator} \) divided by the total number of days the patient was non-intubated \( \text{ denominator} \).

- **The Adverse Event Rate (Intubated)**- The rate displayed in this row represents the rate at which the patient experiences an adverse event in your ICU(s). This is essentially the total number of patient days on which an adverse event has occurred \( \text{ numerator} \) divided by the total number of days the patient was intubated \( \text{ denominator} \).

- **The Adverse Event Rate (Non-Intubated)**- This data is only available if your unit has entered data for non-intubated patients. If your unit has not entered this data, this section of the report will either say “0” or will be blank. The rate displayed in this row represents the rate at which the patient experiences an adverse event in your ICU(s). This is essentially the total number of patient seconds...
days on which an adverse event has occurred \((\text{numerator})\) divided by the total number of days the water was non-intubated \((\text{denominator})\).

- **The Percentage of Patient Days Mobilized out of Bed (Intubated)** – The rate displayed represents the percentage of time that the patient was mobilized out of bed in your ICU(s). This is essentially the total number of days the patient received the highest level of mobility (score of 4, 5, 6, 7) \((\text{numerator})\) divided by the total number of days the patient was intubated \((\text{denominator})\).

- **The Percentage of Patient Days Mobilized out of Bed (Non-Intubated)** – This data is only available if your unit has entered data for non-intubated patients. If your unit has not entered this data, this section of the report will either say “0” or will be blank. The rate displayed represents the percentage of time that the patient was mobilized out of bed in your ICU(s). This is essentially the total number of days the patient received the highest level of mobility (score of 4, 5, 6, 7) \((\text{numerator})\) divided by the total number of days the patient was intubated \((\text{denominator})\).

**Generating and Reading the PDF File**

Follow Steps 3-8 from above.

9. Select the **PDF** format when selecting a format to download the report.
10. Select the **Date Range** that you would like your downloaded report to include. You can download PDF reports using four different date formats: an exact date range of your choosing; monthly; quarterly; yearly.

- **Exact Date Range**: Select the “Date” Tab and choose the appropriate date from a drop-down menu.

- **Monthly Report**: Select the “Month” Tab and choose the appropriate month and year from the options.
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- **Quarterly Report:** Select the “Quarter” Tab and choose the appropriate quarter and year from the options.

![Select A Format](image)

![Select A Date Range](image)

11. Once you select the appropriate date range, click on “Generate Report” and a new tab/window will be generated with the PDF report. This process may take several minutes.

![Select A Format](image)

![Select A Date Range](image)

12. Open the PDF File, and a file similar to the image below will open in your screen.
13. Review the information in the PDF report. Information is displayed based on the time period that you selected in step 11 above. Since you just completed the steps to generate a report for Mobility, the numbers in this file represent rates of the specific measures within the Mobility section of the Daily Early Mobility Measures tool. The measures in the Mobility report include the following: Adverse Event Incidence Rate, Adverse Event Incident Rate (Non-intubated), Adverse Event Rate, Adverse Event rate (Non-intubated), Percentage of patient days mobilized out of bed, and Percentage of patient days mobilized out of bed (non-intubated).

There are two key pieces of information that the Mobility PDF report will explain – “My Performance” and “How Do I Compare?”

- **My Performance** (outlined in green in the image above) – This section of the report tells you how you are performing. Within this section is the following information:
  - My Rate
    - **The Adverse Event Incidence Rate (Intubated)** – The rate displayed in this row represents the rate at which an adverse event that has occurred in your ICU(s).
    - **The Adverse Event Incidence Rate (Non-Intubated)** – This data is only available if your unit has entered data for non-intubated patients. If your unit has not entered this data, this section of the report will either say “N/A”. The rate displayed in this row represents the rate at which an adverse event that has occurred in your ICU(s).
    - **The Adverse Event Rate (Intubated)** – The rate displayed in this row represents the rate at which the patient experiences an adverse event in your ICU(s).
    - **The Adverse Event Rate (Non-Intubated)** – This data is only available if your unit has entered data for non-intubated patients. If your unit has not entered this data, this section of the report will either say “N/A”. The rate displayed in this row represents the rate at which the patient experiences an adverse event in your ICU(s).
    - **The Percentage of Patient Days Mobilized out of Bed (Intubated)** – The rate displayed represents the percentage of time that the patient was mobilized out of bed in your ICU(s).
    - **The Percentage of Patient Days Mobilized out of Bed (Non-Intubated)** – This data is only available if your unit has entered data for non-intubated patients. If your unit has not entered this data, this section of the report will either say “N/A”. The rate
How to Generate and Read “My Reports” for Daily Early Mobility Measures

displayed represents the percentage of time that the patient was mobilized out of bed in your ICU(s).

- **Goal** – Information under this column gives you the target goal for the measure (i.e. “Higher is Better” or “Lower is Better”). For example, in the Percentage of Patient Days Mobilized out of Bed section, the goal of the unit is to have a higher value vs. the goal of the Adverse Event Rate is to have a lower value.
  - **Higher is Better** – A cell that says “Higher is Better” means that it is better for the rate (found to the left of the cell) to be on the higher end of the spectrum.
  - **Lower is Better** – A cell that says “Lower is Better” means that it is better for the rate to be on the lower end of the spectrum.

- **Num/Den** – “My Rates” are calculated by dividing the numerator and denominator values and then multiplying by 100. The numerator and denominator values of each measure are shown here.
  - **The Adverse Event Incidence Rate (Intubated)** – This is essentially the total number of adverse events (numerator) divided by the total number of days the patient was intubated (denominator).
  - **The Adverse Event Incidence Rate (Non-Intubated)** – This data is only available if your unit has entered data for non-intubated patients. If your unit has not entered this data, this section of the report will either say “0/0”. This is essentially the total number of adverse events (numerator) divided by the total number of days the patient was non-intubated (denominator).
  - **The Adverse Event Rate (Intubated)**- This is essentially the total number of patient days on which an adverse event has occurred (numerator) divided by the total number of days the water was intubated (denominator).
  - **The Adverse Event Rate (Non-Intubated)**- This data is only available if your unit has entered data for non-intubated patients. If your unit has not entered this data, this section of the report will either say “0/0”. This is essentially the total number of patient days on which an adverse event has occurred (numerator) divided by the total number of days the water was non-intubated (denominator).
  - **The Percentage of Patient Days Mobilized out of Bed (Intubated)** – This is essentially the total number of days the patient received the highest level of mobility (score of 4, 5, 6, 7) (numerator) divided by the total number of days the patient was intubated (denominator).
  - **The Percentage of Patient Days Mobilized out of Bed (Non-Intubated)** – This data is only available if your unit has entered data for non-intubated patients. If your unit has not entered this data, this section of the report will either say “0/0”. This is essentially the total number of days the patient received the highest level of mobility (score of 4, 5, 6, 7) (numerator) divided by the total number of days the patient was intubated (denominator).

- **Improvement Opportunities** – This score indicates the number of times the unit can improve in that specific measure (i.e. denominator minus numerator).

- **How Do I Compare** (outlined in red in the image above) – This section of the report tells you how you compare to other people in the study. Within this section is the following information:
  - **Comparison Group** – This is the group that the information in your report is being compared to. For the PDF reports, the standard comparison group is your Cohort. Your cohort includes other hospitals and units participating in the CUSP4MVP-VAP Project.
How to Generate and Read “My Reports” for Daily Early Mobility Measures

- **Average Performance** – This represents the calculated mean rate values of the comparison group.
- **My Rate vs. Avg Performance Rate** – This section of the report tells you whether your rates are above or below the average performance (depending on the category of the measure).
- **My Percentile** – This column shows what percentile your unit’s rate is in comparison to all the other participants in the comparison group.
Sedation Scale “My Reports”

You can generate a “My Report” for the different subsets within the Daily Early Mobility Measures tool. Sedation Scale is one of the five subsets within the Daily Early Mobility Measures tool. Generating a report for this subset allows you to visualize how your team is progressing in regards to the RASS or SAS Sedation Scores.

Generating and Reading the Excel File


9. Select the Excel format when selecting a format to download the report.
10. Select the appropriate filter from the “Select A Filter” drop-down menu that you want to download the report for.

- If you are a Hospital Unit Lead, you may select the filter labeled “Please Select your Cohort” (outlined in the red box).

The filter determines how your results are sorted on the sheets in the Excel spreadsheet.

- If you are a Coordinating Entity Lead, you may select the following two filters: “Please Select Your Cohort” or “Please Select Your Coordinating Entity” (outlined in the blue box).

The filter determines how your results are sorted on the tabs in the Excel spreadsheet.
11. Indicate the range of dates that you would like your data report to cover by selecting the “Date Range” in the drop-down menus next to “From” and “To.” After you have selected your date range, click on “Generate Report,” and an excel file will download onto your computer.

12. Open the Excel File, and a spreadsheet similar to the image below will open in your screen.

<table>
<thead>
<tr>
<th>App Name</th>
<th>Measure Name</th>
<th>Parent Network</th>
<th>Network</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily Early Mobility</td>
<td>Percentage of Achieving RASS/SAS Target</td>
<td>Sample Network</td>
<td>Sample Hospital DS</td>
<td>33%</td>
<td></td>
</tr>
<tr>
<td>Daily Early Mobility</td>
<td>Percentage of RASS/SAS Actual Being (-1, 0, 1) or (4, 5)</td>
<td>Sample Network</td>
<td>Sample Hospital DS</td>
<td>54%</td>
<td></td>
</tr>
</tbody>
</table>

13. Review the information in the Excel file. Rates are displayed for the months that you selected in step 11 above. The numbers in this file will vary according to the measure that it is representing. In this case, since you just completed the steps to generate a report for Sedation Scale, the numbers in this file represent rates of the specific measures within the Sedation Scale section of the Daily Early Mobility Measures tool. The measures in the Sedation Scale report include the following: Percentage of Achieving RASS/SAS Target and Percentage of Achieving RAS/SAS Actual Being (-1, 0, 1) or (4, 5).

- **The Percentage of Achieving RASS/SAS Target** - The rate displayed in this row represents the rate at which the patients’ RASS/SAS actual score was equal to or +1 higher than the RASS/SAS target score. This is essentially the number of times the patient’s RASS/SAS actual was equal to +1 higher than the RASS/SAS target score (numerator) divided by the number of total days of patient intubation (denominator).

- **The Percentage of RAS/SAS Actual Being (-1, 0, 1) or (4, 5)** – The rate displayed in this row represents the rate at which the patients’ actual RASS score was -1, 0, 1 or SAS score was 4, 5. This is essentially the number of patient’s actual RASS score was -1, 0, 1 or SAS score was 4, 5 (numerator) divided by the number of total days of patient intubation (denominator).
Generating and Reading the PDF File

Follow Steps 3-8 from above.

9. Select the **PDF** format when selecting a format to download the report.

10. Select the **Date Range** that you would like your downloaded report to include. You can download PDF reports using four different date formats: an exact date range of your choosing; monthly; quarterly; yearly.
• **Exact Date Range:** Select the “Date” Tab and choose the appropriate date from a drop-down menu.

• **Monthly Report:** Select the “Month” Tab and choose the appropriate month and year from the options.

• **Quarterly Report:** Select the “Quarter” Tab and choose the appropriate quarter and year from the options.
• **Yearly Report:** Select the “Year” Tab and choose the appropriate year from the options.

11. Once you select the appropriate date range, click on “Generate Report” and a new tab/window will be generated with the PDF report. This process may take several minutes.

12. Open the PDF File, and a file similar to the image below will open in your screen.

13. Review the information in the PDF report. Information is displayed based on the time period that you selected in step 11 above. Since you just completed the steps to generate a report for Sedation Scale, the numbers in this file represent rates of the specific measures within the Sedation Scale section of the Daily Early Mobility Measures tool. The measures in the Sedation Scale
Scale report include the following: Percentage of Achieving RASS/SAS Target and Percentage of Achieving RAS/SAS Actual Being (-1, 0, 1) or (4, 5).

There are two key pieces of information that the Sedation Scale PDF report will explain – “My Performance” and “How Do I Compare?”

- **My Performance** (outlined in green in the image above) – This section of the report tells you how you are performing. Within this section is the following information:
  - **My Rate**
    - **The Percentage of Achieving RASS/SAS Target** - The rate displayed in this row represents the rate at which the patients’ RASS/SAS actual score was equal to or +1 higher than the RASS/SAS target score.
    - **The Percentage of RAS/SAS Actual Being (-1, 0, 1) or (4, 5)** – The rate displayed in this row represents the rate at which the patients’ actual RASS score was -1, 0, 1 or SAS score was 4, 5.
  - **Goal** – Information under this column gives you the target goal for the measure (i.e. “Higher is Better”. In both of the measures, it is better to have higher rates than lower rates.
    - **Higher is Better** – A cell that says “Higher is Better” means that it is better for the rate (found to the left of the cell) to be on the higher end of the spectrum.
  - **Num/Den** – “My Rates” are calculated by dividing the numerator and denominator values and then multiplying by 100. The numerator and denominator values of each measure are shown here.
    - **The Percentage of Achieving RASS/SAS Target** - The number of times the patient’s RASS/SAS actual was equal to +1 higher than the RASS/SAS target score divided by the number of total days of patient intubation.
    - **The Percentage of RAS/SAS Actual Being (-1, 0, 1) or (4, 5)** – The number of patient’s actual RASS score was -1, 0, 1 or SAS score was 4, 5 divided by the number of total days of patient intubation.
  - **Improvement Opportunities** – This score indicates the number of times the unit can improve in that specific measure (i.e. denominator minus numerator).

- **How Do I Compare** (outlined in red in the image above) – This section of the report tells you how you compare to other people in the study. Within this section is the following information:
  - **Comparison Group** – This is the group that the information in your report is being compared to. For the PDF reports, the standard comparison group is your Cohort. Your cohort includes other hospitals and units participating in the CUSP4MVP-VAP Project.
  - **Average Performance** – This represents the calculated mean rate values of the comparison group.
  - **My Rate vs. Avg Performance Rate** – This section of the report tells you whether your rates are above or below the average performance (depending on the category of the measure).
  - **My Percentile** – This column shows what percentile your unit’s rate is in comparison to all the other participants in the comparison group.
Generating and Reading the PDF File


9. Select the Date Range that you would like your downloaded report to include. With the Sedation Scale Distribution Report, you can choose the month and year from the options. The report will generate a distribution of the selected month, the overall distribution as well as the distribution of the preceding few months. Once you select the appropriate date range, click on “Generate Report” and a new tab/window will be generated with the PDF report. This process may take several minutes.
1. Open the PDF File, and a file similar to the image below will open in your screen.

11. Review the information in the PDF report. There are two parts to the report: the graphs and the table.

- **The Graphs** are a visual representation of the sedation scale distribution of RASS/SAS Actual Scores. The graphs in the report include those of the date range you selected, two months prior to the chosen date range as well as the overall distribution of the unit till that point in time. There are 4 categories represented in this distribution, whose definitions are also located at the bottom of the report.

  - **Category 1**: Anxious or Agitated (RASS actual reported scores are +1, +2, +3, +4 or SAS actual reported scores are 5, 6, 7)
  - **Category 2**: Normal wakefulness (RASS actual reported scores are 0 and -1 or SAS actual reported score is 4)
  - **Category 3**: Light to moderate sedation (RASS actual reported scores are -2, -3 or SAS actual reported score is 3).
  - **Category 4**: Deep sedation or coma (RASS actual reported scores are -4, -5 or SAS actual reported scores are 1, 2).

- **The Table** shows the specific rates of the corresponding category. The rates are represented in two forms: fractions and percentages. In the fraction form, the numerator represents the number of patient days in that category. The denominator represents the total number of patient days of intubation. The percentage value represents the numerator divided by the denominator.
Mobility Bar Charts and Tables “My Reports”

Generating and Reading the PDF File

8. Under “Select A Report”, choose “Mobility Bar Charts and Tables” from the drop-down menu.

9. Select the Date Range that you would like your downloaded report to include. With the Sedation Scale Distribution Report, you can choose the month and year from the options. The report will generate a distribution of the selected month, the overall distribution as well as the distribution of the preceding few months. Once you select the appropriate date range, click on “Generate Report” and a new tab/window will be generated with the PDF report. This process may take several minutes.
11. Open the PDF File, and a file similar to the image below will open in your screen.

Page 1:

PT or OT Compliance Rate

<table>
<thead>
<tr>
<th></th>
<th>PT Compliance Rate</th>
<th>OT Compliance Rate</th>
<th>PT or OT Compliance Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>November</td>
<td>N/A (0/0)</td>
<td>N/A (0/0)</td>
<td>N/A (0/0)</td>
</tr>
<tr>
<td>December</td>
<td>68.31% (23/34)</td>
<td>36.5% (23/63)</td>
<td>61.9% (39/63)</td>
</tr>
<tr>
<td>January</td>
<td>46.77% (56/124)</td>
<td>44.35% (56/124)</td>
<td>52.41% (66/124)</td>
</tr>
<tr>
<td>Overall</td>
<td>51.33% (96/187)</td>
<td>41.71% (78/187)</td>
<td>55.61% (104/187)</td>
</tr>
</tbody>
</table>

11. Review the information in the PDF report. This document consists of 4 pages. The first page consists of graphical distributions as well as the corresponding tables of the following rates: **PT Compliance Rate**, **OT Compliance Rate** and **PT or OT Compliance Rate** of Intubated patients.

- **The Graphs** in the report include those of the date range you selected, two months prior to the chosen date range as well as the overall distribution of the unit till that point in time.
  - **PT Compliance Rate** represents the rate at which the intubated patients were consulted by a physical therapist in the unit.
  - **OT Compliance Rate** represents the rate at which the intubated patients were consulted by an occupational therapist in the unit.
  - **PT or OT Compliance Rate** represents the rate at which the intubated patients were consulted by a physical therapist or an occupational therapist in the unit.

- **The Table** shows the specific rates of the corresponding compliance rate. The rates are represented in two forms: fractions and percentages. In the fraction form, the *numerator* represents the number of days the patients were being consulted by the corresponding therapist. The *denominator* represents the total number of patient days of intubation.
12. The second page consists of graphical distributions as well as the corresponding tables of the following rates: **PT Compliance Rate**, **OT Compliance Rate** and **PT or OT Compliance Rate** of Non-Intubated patients. This section will only have rates or distributions if your unit has used PT/OT services for the patients AND had entered data for Non-intubated patients. If no such data was entered, there will be a “N/A” and a “0/0” shown in the tables, and there will be no graphs corresponding to the values.

- **The Graphs** in the report include those of the date range you selected, two months prior to the chosen date range as well as the overall distribution of the unit till that point in time.
  - **PT Compliance Rate** represents the rate at which the non-intubated patients were consulted by a physical therapist in the unit.
  - **OT Compliance Rate** represents the rate at which the non-intubated patients were consulted by an occupational therapist in the unit.
  - **PT or OT Compliance Rate** represents the rate at which the non-intubated patients were consulted by a physical therapist or an occupational therapist in the unit.

- **The Table** shows the specific rates of the corresponding compliance rate. The rates are represented in two forms: fractions and percentages. In the fraction form, the *numerator* represents the number of days the patients were being consulted by the corresponding therapist. The *denominator* represents the total number of patient days of non-intubation.
13. The third page consists of graphical distributions as well as well as the corresponding tables for the highest level of mobility achieved by the intubated patients in the unit. This section will only have rates or distributions if your unit had entered data for mobility for Non-intubated patients. If no such data was entered, there will be a “N/A” and a “0/0” shown in the tables, and there will be no graphs corresponding to the values. The numbers correspond to the mobility measures as summarized in the back of the Daily Early Mobility Measures tool. The definitions are also defined at the bottom of the page.

- **The Graphs** in the report include those of the date range you selected, two months prior to the chosen date range as well as the overall distribution of the unit till that point in time.
  - 0 — Nothing
  - 1 — Transfer bed to chair without standing
  - 2 — Sitting in bed/exercises in bed
  - 3 — Sitting at edge of bed
  - 4 — Standing
  - 5 — Transfer from bed to chair with standing
  - 6 — Marching in place
  - 7 — Walking
  - 8 — Unknown

- **The Table** shows the specific rates of the corresponding mobility measure. The rates are represented in two forms: fractions and percentages. In the fraction form, the *numerator* represents the number of days that the patients achieved that level of mobility. The *denominator* represents the total number of patient days of non-intubation.
14. The forth page consists of graphical distributions as well as well as the corresponding tables for the highest level of mobility achieved by the non-intubated patients in the unit. The numbers correspond to the mobility measures as summarized in the back of the Daily Early Mobility Measures tool. The definitions are also defined at the bottom of the page.

- **The Graphs** in the report include those of the date range you selected, two months prior to the chosen date range as well as the overall distribution of the unit till that point in time.
  - 0 – Nothing
  - 1 – Transfer bed to chair without standing
  - 2 – Sitting in bed/exercises in bed
  - 3 – Sitting at edge of bed
  - 4 – Standing
  - 5 – Transfer from bed to chair with standing
  - 6 – Marching in place
  - 7 – Walking
  - 8 - Unknown

- **The Table** shows the specific rates of the corresponding mobility measure. The rates are represented in two forms: fractions and percentages. In the fraction form, the *numerator* represents the number of days that the patients achieved that level of mobility. The *denominator* represents the total number of patient days of intubation.

Congratulations!

You now know how to generate and read “My Reports” for the Daily Early Mobility Measures. If you have any more questions, contact us at cusp4mvp@jhmi.edu. We’re here to help!