



**Department  
of Health**

# **Sepsis Collaborative Meeting**

## **October 2, 2024**

# Agenda

- Q3 2024 Data Submission Reminder
- Tableau Report Data Refresh
- Data Dictionary Review – Data Formatting

# Q3 2024 Data Submission Reminder

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- The NYS Sepsis Data Collection Portal is open from October 1, 2024 – November 14, 2024, for submission of adult and pediatric data for Q3 of 2024 (discharge dates 07/01/2024 – 09/30/2024).
- Please ensure data is submitted before the **November 14, 2024** deadline.

# Tableau Report Data Refresh

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- The Quarterly and Data Quality Reports hosted on Tableau have been updated to include data for Q2 2024 (discharge dates 04/01/2024 – 06/30/2024).
- Please review your data and submit any corrections as needed.

# Data Dictionary Review – Data Formatting

# Data Dictionary Variable Review

- The Department has been reviewing data from 2022 and 2023 and has identified several variables where there is potential for improvement in data quality
- Many hospitals have received email communications asking that they review their data, make corrections to underlying programming and resubmit corrected data for 2024 where relevant
- There are no opportunities to correct 2022 or 2023, however, this activity should help improve data quality for 2024 and beyond



# Data Dictionary Review – Data Formatting

Severity Variables	Notes of Abstraction: Reminder
aPTT	<p>Enter the aPTT levels. Must be reported to one decimal place, use the rules of rounding to convert the number to one decimal place if applicable.</p> <p>Examples of rounding the aPTT level results:</p> <ul style="list-style-type: none"> <li>• 30.48 is rounded to 30.5</li> <li>• NOT CORRECT: 61.75 is truncated to 61.7 (should be 61.8)</li> </ul>
Bilirubin	<p>Enter the actual total bilirubin levels. Convert the units to mg/dL if needed. Must be reported to one decimal place, use the rules of rounding to convert the number to one decimal place if applicable.</p> <p>Examples of rounding total bilirubin level results:</p> <ul style="list-style-type: none"> <li>• 2.51 is rounded to 2.5</li> <li>• NOT CORRECT: .75 is truncated to .7 (should be .8)</li> </ul>

# Data Dictionary Review – Data Formatting

Severity Variables	Notes of Abstraction: Reminder
Diastolic Blood Pressure	<p>Format must be a number up to 3 digits.</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>a. Diastolic blood pressure 80mm Hg should be reported as 80</li> <li>b. Diastolic blood pressure 112 Hg should be reported as 112</li> </ul>
INR	<p>Must be reported to one decimal place, must round if applicable</p> <p>Examples of rounding INR level results:</p> <ul style="list-style-type: none"> <li>• 2.48 is rounded to 2.5</li> <li>• 11.75 is rounded to 11.8</li> <li>• NOT CORRECT: 11.75 is truncated to 11.7 (this should be rounded to 11.8)</li> </ul>

# Data Dictionary Review – Data Formatting

Severity Variables	Notes of Abstraction: Reminder
Platelets	<p>Format must be a string up to 10-digits long. Convert the units to cells/uL if needed.</p> <ul style="list-style-type: none"> <li>a. Platelet 320,000/uL should be reported as 320000</li> <li>b. Platelet 60,000/uL should be reported as 60000</li> <li>c. Platelet count 130 in EHR using k/uL should be multiplied by 1000 to be reported as 130000 uL</li> </ul>
SIRS Heart Rate	<p>Format must be a number up to 3 digits.</p> <p>Example:</p> <ul style="list-style-type: none"> <li>a. Heart rate/Pulse 100 beats per minutes (bpm) should be reported as 100</li> <li>b. Heart rate/Pulse 43 beats per minutes (bpm) should be reported as 43</li> </ul>

# Data Dictionary Review – Data Formatting

Severity Variables	Notes of Abstraction: Reminder
SIRS Leukocyte	<p>Format must be a string up to 10-digits. Convert the units to cells/uL if needed.</p> <p>Example:</p> <ul style="list-style-type: none"> <li>• WBC value of 12 in EHR. Determine units in EHR and convert appropriately to be reported as 12000uL.</li> <li>• WBC 100,000/uL should be reported as 100000</li> <li>• WBC 4,400/uL should be reported as 4400</li> </ul>
SIRS Respiratory Rate	<p>Format must be a number up to 2-digits.</p> <p>Example:</p> <ul style="list-style-type: none"> <li>• Respiratory rate 12 breaths per minutes (bpm) should be reported as 12</li> <li>• Respiratory rate 9 breaths per minutes (bpm) should be reported as 9</li> </ul>

# Data Dictionary Review – Data Formatting

Severity Variables	Notes of Abstraction: Reminder
SIRS Temperature	<p>Enter the actual Temperature levels using Fahrenheit. Convert from Celsius if needed. Must be numeric to one decimal place (example 98.8)</p> <p>Example:</p> <ul style="list-style-type: none"> <li>• 100.4°F should be reported as 100.4</li> <li>• 96°F should be reported as 96.0</li> <li>• 37.5°C should be reported as 99.5</li> </ul>
Systolic Blood Pressure	<p>Format must be a number up to 3 digits.</p> <p>Example:</p> <ul style="list-style-type: none"> <li>• Systolic blood pressure 80mm Hg should be reported as 80</li> <li>• Systolic blood pressure 112 Hg should be reported as 112</li> </ul>

# Questions