# IT-4.9: Average Length of Stay: Sepsis

| **Measure Title** | **Average length of stay: Sepsis** |
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| **Description** | Average length of stay for Sepsis related diagnosis. |
| **NQF Number** | Not Applicable |
| **Measure Steward** | Leapfrog Group |
| **Link to measure citation** | Not Available  |
| **Measure type** | Non Stand-Alone (NSA) |
| **Measure status** | P4R. This measure requires prior authorization for use |
| **DSRIP-specific modifications to Measure Steward’s specification** | The Measure Steward’s specification has been modified as follows:* Modeled after average length of stay calculation, but specific to sepsis disease.
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| **Denominator Description**  | Total number of patients diagnosed with severe sepsis, septic shock, and/or lactate>4mmol/L (36mg/dl). |
| **Denominator Inclusions** | The Measure Steward does not identify specific denominator inclusions beyond what is described in the denominator description. |
| **Denominator Exclusions** | A) Patients with advanced directives for comfort care are excluded.B) Clinical conditions that preclude total measure completion should be excluded (e.g. mortality within the first 6 hours of presentation as defined above in 2a1.1).C) Patients for whom a central line is clinically contraindicated (e.g. coagulopathy that cannot be corrected, inadequate internal jugular or subclavian central venous access due to repeated cannulations).D) Patients for whom a central line was attempted but could not be successfully inserted.E) Patient or surrogate decision maker declined or is unwilling to consent to such therapies or central line placement.F) Patients transferred to an acute care facility from another acute care facility. |
| **Denominator Size** | Providers must report a minimum of 30 cases per measure during a 12-month measurement period (15 cases for a 6-month measurement period)* For a measurement period (either 6 or 12 months) where the denominator size is less than or equal to 75, providers must report on all cases. No sampling is allowed.
* For a measurement period (either 6 or 12 months) where the denominator size is less than or equal to 380 but greater than 75, providers must report on all cases (preferred, particularly for providers using an electronic health record) or a random sample of not less than 76 cases.
* For a measurement period (either 6 or 12-months) where the denominator size is greater than 380, providers must report on all cases (preferred, particularly for providers using an electronic health record) or a random sample of cases that is not less than 20% of all cases; however, providers may cap the total sample size at 300 cases.
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| **Numerator Description**  | Total number of inpatient days for patients diagnosed with severe sepsis, septic shock, and/or lactate>4mmol/L (36mg/dl). |
| **Numerator Inclusions** | The Measure Steward does not identify specific numerator inclusions beyond what is described in the numerator description |
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| **Setting** | Inpatient |
| **Data Source** | Electronic Clinical Data, Electronic Clinical Data: Electronic Health Record, Electronic Clinical Data: Registry, Paper Medical Records |
| **Denominator Sub-set Definition (Optional)**  | Providers have the option to further narrow the denominator population for this measure across one or more of the following domains. If providers wish to use this option, they must indicate their preference to HHSC through the measure selection process. **Payer:** Providers may define the denominator population such that it is limited to one of the following options: 1. Medicaid
2. Uninsured/Indigent
3. Both: Medicaid and Uninsured/Indigent

**Gender:** Providers may define the denominator population such that it is limited to one of the following options:1. Male
2. Female

**Ethnicity:** Providers may define the denominator population such that it is limited to one of the following options:1. White/Caucasian
2. Black/African American
3. Latino/Hispanic
4. Asian
5. American Indian/Alaskan Native
6. Native Hawaiian/Other Pacific Islander

**Age:** Providers may define the denominator population such that it is limited to an age range:Lower Bound: \_\_\_\_ (Provider defined)Upper Bound: \_\_\_\_ (Provider defined)**Comorbid Condition:** Providers may define the denominator population such that it is limited to individuals with one or more comorbid conditions:Comorbid condition: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Provider defined)**Setting/Location:** Providers may define the denominator population such that it is limited to individuals receiving services in a specific setting or service delivery location(s).Service Setting/Delivery Location(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Provider defined)   |
| **Demonstration Years** | **DY3****10/01/13 – 09/30/14** | **DY4****10/01/14 – 09/30/15** | **DY5****10/01/15 – 09/30/16** |
| **Measurement Periods***(Note: For P4P measures, DY3 Measurement Period is equivalent to the Baseline Period for purposes of measuring improvement.)* |  **Providers must report data for one of the following DY, SFY, or CY time periods:**12 Month Period: 1. 10/01/13 – 09/30/14, or
2. 09/01/13 – 08/31/14, or
3. 01/01/13 – 12/31/13, or
4. 10/01/12 – 09/30/13, or
5. 09/01/12 – 08/31/13

6 Month Period: 1. 04/01/14 – 09/30/14, or
2. 03/01/13 – 08/31/14, or
3. 01/01/13 – 06/30/13, or
4. 07/01/13 – 12/31/13

Other: Providers specify/propose an alternative 6 or 12 month time period to be reviewed and approved by HHSC. | **Providers must report data across a 12-month time period that meets the following parameters:**1. Start date: The start date for the reporting period must occur after the provider’s DY3 Measurement Period.2. End date: The end date for the reporting period must occur on or before 09/30/15. | **Providers must report data across a 12-month time period that meets the following parameters:**1. Start date: The start date for the reporting period must occur after the provider’s DY4 Measurement Period.2. End date: The end date for the reporting period must occur on or before 09/30/16. |
| **Reporting Opportunities to HHSC** | 10/31/2014 | 4/30/201510/31/2015 | 4/30/201610/31/2016 |