# IT-5.1.a: Improved cost savings: Demonstrate cost savings in care delivery (Cost of Illness Analysis)

| **Measure Title** | **IT-5.1.a Improved Cost Savings: Demonstrate Cost Savings In Care Delivery** |
| --- | --- |
| **Description** | Cost of illness (COI) analysis is a method that identifies the average cost for a patient with an illness within the patient population. |
| **NQF Number** | Not applicable |
| **Measure Steward** | National Institutes of Health (NIH); Centers for Disease Control and Prevention (CDC) |
| **Link to measure citation** | <http://www.nlm.nih.gov/nichsr/hta101/ta10107.html>  |
| **Measure type** | SA for project area 2.5NSA for all other project areas |
| **Performance and Achievement Type**  | Pay for Performance (P4P) – Improvement Over Self (IOS): Prior Authorization

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|  | DY4 | DY5 |
| Achievement Level Calculation | Baseline - 5% \*(performance gap)=Baseline - 5% \*(0% – Baseline rate) | Baseline - 10% \*(performance gap)=Baseline - 10% \*(0% – Baseline rate) |

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| **DSRIP-specific modifications to Measure Steward’s specification** | None |
| **Denominator Description** | Total number of patients with the designated illness during the measurement year |
| **Denominator Inclusions** | None |
| **Denominator Exclusions** | None |
| **Denominator Size** | None |
| **Numerator Description**  | Formula: COI = Direct cost + Indirect cost |
| **Numerator Inclusions** | All Direct and Indirect Costs for patients with the designated illness |
| **Numerator Exclusions** | None |
| **Setting** | Multiple |
| **Data Source** | EHR, other hospital documentation |
| **Allowable Denominator Sub-sets** | All denominator subsets are permissible for this outcome  |