

AHRQ PSI Composite Measure Patient Safety for Selected Indicators (PSI #90)

Table 1. AHRQ PSI Composite Measure

PSI #03 Pressure Ulcer Rate ¹
PSI #06 Iatrogenic Pneumothorax Rate ¹
PSI #07 Central Venous Catheter-Related Blood Stream Infection Rate ¹
PSI #08 Postoperative Hip Fracture Rate ¹
PSI #09 Postoperative Hemorrhage or Hematoma Rate ²
PSI #10 Postoperative Physiologic and Metabolic Derangement Rate ²
PSI #11 Postoperative Respiratory Failure Rate ²
PSI #12 Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate ¹
PSI #13 Postoperative Sepsis Rate ¹
PSI #14 Postoperative Wound Dehiscence Rate ¹
PSI #15 Accidental Puncture or Laceration Rate ¹

¹ These measures are part of the NQF Endorsed Composite (i.e., PSI #90, NQF: #531).

² This measure is not included in the NQF endorsed composite measure.

Table 2. NQF Numerator Weights

Indicator	Label	Weight USEPOA = 0 ¹	Weight USEPOA = 1 ¹
PSI 03	Pressure Ulcer Rate	0.5295	0.1357
PSI 06	Iatrogenic Pneumothorax Rate	0.0318	0.0614
PSI 07	Central Venous Catheter-Related Blood Stream Infection Rate	0.0478	0.0831
PSI 08	Postoperative Hip Fracture Rate	0.0022	0.0005
PSI 09 ²	Postoperative Hemorrhage or Hematoma Rate	0.0	0.0
PSI 10 ²	Postoperative Physiologic and Metabolic Derangement Rate	0.0	0.0
PSI 11 ²	Postoperative Respiratory Failure Rate	0.0	0.0
PSI 12	Postoperative Pulmonary Embolism or Deep Vein Thrombosis Rate	0.1527	0.2209
PSI 13	Postoperative Sepsis Rate	0.0309	0.0536
PSI 14	Postoperative Wound Dehiscence Rate	0.0064	0.0159
PSI 15	Accidental Puncture or Laceration Rate	0.1988	0.4289
SUM		1.0001	1.0000

¹ The use of POA results in different weights for the composite. Without POA, USEPOA = 0; With POA, USEPOA = 1.

Source: 2008 State Inpatient Databases, Healthcare Cost and Utilization Program, Agency for Healthcare Research and Quality. Note: in Version 3.2, PSI #3 is labeled “Decubitus Ulcer” and PSI #7 is labeled “Selection Infection due to Medical Care.”

² These weights are set to zero because these measures are not included in the NQF Endorsed Composite