

SB1058 SSI Reporting Requirements Discussion

In order to comply with SB 1058 SSI reporting requirements in a way that is consistent with the Advisory Committee's recommendations, hospitals performing hip prosthesis and CABG surgery will be required to report SSI following those procedures via NHSN.

Regarding those hospitals that are *not* performing those procedures, we have been advised to consult with the Committee on the proposal to list the following procedures by priority based on (1) volume; (2) risk of infection; (3) consequences of infection, and (3) suitability for public reporting. They have been placed in a very rough preliminary order just to facilitate the process.

If this proposal is adopted, hospitals would be directed to move down the list until they identify the first two procedures that they perform, and then report SSIs following those procedures via NHSN beginning April 1. Paper reporting would cease on that date. Unfortunately, there is limited overlap between the NHSN and SCIP procedures (e.g. hysterectomy is not mandated by SB 1058).

This is not an optimal SSI reporting policy, but we think it represents the optimal way to fulfill the SB 1058 mandates for both hospitals and the Department.

NHSN Operative Procedures: Volume in California Hospitals and NHSN Pooled Mean Infection Rates

| Priority | Operative Procedure | Volume (2009) | # Hospitals | RIC* | Pooled Mean |
|----------|---|---------------|-------------|------------------|------------------------------|
| | Hip prosthesis | 38,437 | 315 | 0 1 2,3 | 0.67 1.44 2.40 |
| | Coronary artery bypass graft with both chest and donor site incisions | 1,151 | 119 | 0 1 2 3 | 0.35 2.55 4.26 8.49 |
| | Coronary artery bypass graft with chest incision only | 11,574 | 119 | 0,1 2,3 | 1.37 2.29 |
| | Colon surgery | 22,755 | 341 | 0 1 2 3 | 3.99 5.59 7.06 9.47 |
| | Cardiac surgery (valves or septum) | 12,585 | 153 | 0,1 2,3 | 1.10 1.84 |
| | Knee prosthesis | 51,306 | 302 | 0 1 2,3 | 0.58 0.99 1.60 |

| Priority | Operative Procedure | Volume (2009) | # Hospitals | RIC* | Pooled Mean |
|-----------------|---|----------------------|--------------------|---------------|-----------------------|
| | Laminectomy | 22,311 | 254 | 0 1 2,3 | 0.72 1.10 2.30 |
| | Rectal surgery | 3,977 | 280 | 0 1,2 3 | 3.47 7.99 26.67 |
| | Spinal fusion | 33,033 | 234 | 0 1 2,3 | 0.70 1.84 4.15 |
| | Small bowel surgery | 15,381 | 334 | 0 1,2,3 | 3.44 6.75 |
| | Gastric surgery (Incision or excision of stomach; includes subtotal or total gastrectomy; does not include vagotomy and fundoplication) | 19,933 | 317 | 0,1 2,3 | 1.72 4.43 |
| | Gallbladder surgery | 50,986 | 342 | 0 1 2,3 | 0.23 0.61 1.72 |
| | Bile duct, liver or pancreatic surgery | 6,210 | 281 | 0,1 2,3 | 8.07 13.65 |
| | Pacemaker surgery | 29,215 | 300 | 0,1,2,3 | 0.44 |
| | Refusion of spine | 2,236 | 159 | 0,1 2,3 | 2.32 8.73 |
| | Appendix surgery | 46,572 | 336 | 0,1 2,3 | 1.15 3.47 |
| | Open reduction of fracture | 38,547 | 326 | 0 1 2,3 | 1.11 1.78 3.36 |

RIC = Risk Index Category