

**Supplemental Content 3.** Intensive care unit patient characteristics for the study period (January 1, 2014-December 31, 2014)

<b>Demographic variable</b>	<b>Population (N=6,946)</b>	<b>Adoption cohort 70.7% (N=4,931)</b>	<b>De-adoption cohort 93.1% (N=6,467)</b>
Age, median (IQR)	60 (46-71)	61 (47-71)	61 (46-71)
Female	41.6 (2,888)	43.3 (2,134)	41.8 (2,703)
Comorbidities			
AIDS	0.6 (42)	0.7 (33)	0.5 (35)
Chronic dialysis	3.5 (240)	3.8 (186)	3.5 (225)
Chronic heart failure	6.4 (444)	7.4 (364)	6.5 (419)
Cirrhosis	5.9 (407)	6.0 (294)	0.0 (0)
Diabetes	19.7 (1,366)	21.6 (1,065)	19.9 (1,284)
Hepatic failure	3.9 (269)	4.1 (203)	0.0 (0)
Immune suppression	8.5 (589)	9.4 (463)	8.2 (532)
Leukemia or multiple myeloma	1.3 (88)	1.4 (69)	1.3 (86)
Lymphoma	1.1 (77)	1.2 (61)	1.2 (75)
Metastatic cancer	3.9 (272)	4.1 (203)	4.1 (262)
Respiratory insufficiency	12.0 (833)	14.6 (722)	12.5 (810)
Any comorbidity	44.6 (3,100)	49.3 (2,431)	40.6 (2,625)
Admitted from			
Emergency department	36.6 (2,540)	36.7 (1,808)	36.5 (2,358)
Operating / recovery room	21.9 (1,520)	18.3 (902)	22.2 (1,437)
Hospital ward	26.7 (1,858)	28.1 (1,386)	26.3 (1,702)
Other hospital	10.4 (722)	11.9 (589)	10.5 (677)
Other location	4.3 (300)	4.9 (243)	4.5 (288)
Unknown	0.1 (6)	0.1 (3)	0.1 (5)
Admission type			

Elective surgery	9.4 (655)	8.1 (399)	9.5 (614)
Emergent surgery	16.8 (1,170)	13.8 (681)	17.3 (1,120)
No surgery	73.1 (5,078)	78.1 (3,851)	72.5 (4,690)
Unknown	0.6 (43)	0.0 (0)	0.7 (43)
Reason for ICU admission			
Medical	59.9 (4,163)	69.4 (3,420)	58.7 (3,797)
Surgical	25.8 (1,789)	24.1 (1,190)	26.2 (1,696)
Neurological	9.3 (649)	4.1 (200)	9.8 (632)
Trauma	4.3 (302)	2.5 (121)	4.6 (299)
Unknown	0.6 (43)	0.0 (0)	0.7 (43)
APACHE II Score on ICU admission, median (IQR)	19 (14-26)	20 (15-26)	19 (14-25)
Glasgow Coma Scale score on ICU admission, median (IQR)	14 (11-15)	14 (11-15)	14 (11-15)
Intubation	65.5 (4,553)	66.2 (3,264)	64.9 (4,195)
Invasive ventilation	68.3 (4,747)	68.8 (3,393)	67.8 (4,387)
Duration, median hours (IQR)	51 (18-133)	62 (25-143)	50 (18-132)
Non-invasive ventilation	13.1 (913)	16.2 (798)	13.6 (878)
Duration, median hours (IQR)	24 (8-63)	28 (9-68)	24 (6-65)
ICU length of stay, median days (IQR)	3.7 (1.8-7.7)	4.3 (2.4-8.3)	3.7 (1.8-7.6)
Hospital length of stay, median days (IQR)	13.3 (6.1-29.5)	13.9 (6.8-30.0)	13.2 (6.1-29.3)
ICU mortality	14.1 (981)	12.2 (601)	12.9 (837)
Hospital mortality	21.0 (1,462)	19.9 (979)	19.5 (1,260)

*Abbreviations: AIDS*=autoimmune deficiency syndrome, **APACHE II**=Acute Physiology and Chronic Health Evaluation II, **ICU**=intensive care unit, **IQR**=interquartile range,