

## Principal Diagnostic Categories Leading to ICU Admission

Nonoperative patients	Postoperative patients
Respiratory failure or insufficiency from:	
Asthma/allergy -2.108	Multiple trauma -1.684
COPD -0.367	Admission due to chronic cardiovascular dis. -1.376
Pulmonary edema (noncardiogenic) -0.251	Peripheral vascular surgery -1.315
Postrespiratory arrest -0.168	Heart valve surgery -1.261
Aspiration/poisoning/toxic -0.142	Craniotomy for neoplasm -1.245
Pulmonary embolus -0.128	Renal surgery for neoplasm -1.204
Infection 0	Renal transplant -1.042
Neoplasm 0.891	Head trauma -0.955
Cardiovascular failure or insufficiency from:	
	Thoracic surgery for neoplasm -0.802
Hypertension -1.798	Craniotomy for ICH/SDH/SAH -0.788
Rhythm disturbance -1.368	Laminectomy and other spinal cord surgery -0.699
Congestive heart failure -0.434	Hemorrhagic shock -0.682
Hemorrhagic shock/hypovolemia 0.493	GI bleeding -0.617
Coronary artery disease -0.191	GI surgery for neoplasm -0.248
Sepsis 0.113	Respiratory insufficiency after surgery -0.140
Postcardiac arrest 0.393	GI perforation/obstruction 0.060
Cardiogenic shock -0.259	
Dissecting thoracic/abdominal aneurysm 0.731	

Nonoperative patients		Postoperative patients	
Trauma:		For postoperative patients admitted to the ICU for sepsis or postarrest, use the corresponding weights for nonoperative patients.	
Multiple trauma	-1.228		
Head trauma	-0.517		
Neurologic:			
Seizure disorder	-0.584		
ICH/SDH/SAH	0.723		
Other:			
Drug overdose	-3.353		
Diabetic ketoacidosis	01.597		
GI bleeding	0.334		
If not in one of the specific groups above, then which major vital organ system was the principal reason for admission?		If not in one of the above, which major vital organ system led to ICU admission postsurgery?	
Metabolic/renal	-0.885	Neurologic	-1.150
Respiratory	-0.890	Cardiovascular	-0.797
Neurologic	-0.759	Respiratory	-0.610
Cardiovascular	0.470	Gastrointestinal	-0.613
Gastrointestinal	0.501	Metabolic/renal	-0.196