

CBE 1463: Standardized Hospitalization Ratio for Dialysis Facilities (SHR)

5.4.3 Distribution Across Measured Entities

5.4.3 [If risk/case-mix factors are addressed by any method (5.4.1)] Variable Distribution Across Measured Entities*

Provide descriptive statistics showing how the risk/case mix variables identified from the conceptual model are distributed across the measured entities. Indicate which factors were tested in the risk/case-mix adjustment model and which were tested for stratifying the measure, as applicable.

This table shows the distribution of covariates tested in the risk model.

Covariate	5th	25th	Mean	Median	75th	95th
Medicare Advantage (MA) coverage	21.0%	42.8%	52.0%	53.4%	62.9%	77.1%
Age, Centered at 65 years	-6.53	-2.23	-0.41	0.13	2.56	6.02
Age (Centered at 65 years), Squared	107.11	147.61	204.05	174.22	204.69	274.40
Diabetes	20.2%	36.7%	45.3%	45.9%	54.3%	69.5%
Cause of ESRD Missing	0.0%	0.0%	0.5%	0.0%	0.0%	2.2%
Female	26.2%	37.0%	42.7%	42.9%	48.5%	58.3%
Patient in a Nursing Home <90 days in last 365 days	0.0%	7.0%	11.8%	11.0%	15.6%	24.3%
Patient in a Nursing Home 90 days or more in last 365 days	0.0%	1.7%	6.4%	4.6%	8.2%	16.9%
BMI: Underweight	0.0%	0.0%	3.0%	2.0%	3.9%	7.9%
BMI: Normal	10.0%	19.1%	24.9%	24.1%	29.9%	40.0%
BMI: Overweight	13.2%	22.4%	27.4%	27.3%	32.2%	40.5%
Incident Comorbidity: Atherosclerotic heart disease	0.0%	3.1%	10.1%	7.4%	14.1%	29.1%
Incident Comorbidity: Other cardiac disease	1.4%	9.2%	17.4%	15.4%	23.1%	39.3%
Incident Comorbidity: Congestive heart failure	5.4%	16.2%	23.5%	22.8%	29.9%	42.2%
Incident Comorbidity: Inability to ambulate	0.0%	0.7%	4.3%	2.9%	5.9%	13.4%
Incident Comorbidity: Chronic obstructive pulmonary disease	0.0%	2.3%	6.8%	5.4%	9.6%	18.2%
Incident Comorbidity: Inability to transfer	0.0%	0.0%	2.0%	0.8%	2.7%	7.5%
Incident Comorbidity: Malignant neoplasm, cancer	0.0%	1.9%	5.7%	4.6%	8.1%	15.1%

Covariate	5th	25th	Mean	Median	75th	95th
Incident Comorbidity: Diabetes that is not cause of ESRD (all types)	2.2%	9.9%	16.9%	15.3%	22.4%	35.1%
Incident Comorbidity: Peripheral vascular disease	0.0%	2.4%	7.0%	5.4%	9.4%	19.0%
Incident Comorbidity: Cerebrovascular disease, CVA, TIA	0.0%	3.8%	7.8%	7.0%	10.6%	17.8%
Incident Comorbidity: Tobacco use (current smoker)	0.0%	1.9%	6.5%	5.0%	9.3%	17.3%
Incident Comorbidity: Alcohol dependence	0.0%	0.0%	1.3%	0.0%	1.9%	5.3%
Incident Comorbidity: Drug dependence	0.0%	0.0%	1.2%	0.0%	1.7%	5.1%
Incident Comorbidity: At least one of the incident comorbidities listed	57.4%	72.5%	77.1%	79.2%	84.8%	92.9%
Incident Comorbidity: No Medical Evidence (CMS-2728) Form	0.0%	0.0%	0.5%	0.0%	0.0%	2.1%
Prevalent Comorbidity: CCS Group 1: Candidal esophagitis	0.0%	0.0%	0.3%	0.0%	0.0%	1.8%
Prevalent Comorbidity: CCS Group 2: Sarcoidosis	0.0%	0.0%	0.5%	0.0%	0.0%	2.6%
Prevalent Comorbidity: CCS Group 3: Cancer of Liver	0.0%	0.0%	0.3%	0.0%	0.0%	2.0%
Prevalent Comorbidity: CCS Group 4: Cancer of Lung	0.0%	0.0%	0.7%	0.0%	1.0%	3.4%
Prevalent Comorbidity: CCS Group 5: Cancer of Prostate	0.0%	0.0%	2.0%	1.3%	2.9%	6.3%
Prevalent Comorbidity: CCS Group 6: Cancer of Bladder	0.0%	0.0%	0.6%	0.0%	0.6%	3.0%
Prevalent Comorbidity: CCS Group 7: Cancer of Kidney	0.0%	0.0%	1.4%	0.7%	2.2%	5.1%
Prevalent Comorbidity: CCS Group 8: Cancer of Bone	0.0%	0.0%	0.4%	0.0%	0.0%	2.3%
Prevalent Comorbidity: CCS Group 9: Other Neoplasm	0.0%	0.0%	0.5%	0.0%	0.4%	2.6%
Prevalent Comorbidity: CCS Group 10: Non-Hodgkins Lymphoma	0.0%	0.0%	0.3%	0.0%	0.0%	1.9%
Prevalent Comorbidity: CCS Group 11: Multiple Myeloma	0.0%	0.0%	1.0%	0.0%	1.5%	4.0%

Covariate	5th	25th	Mean	Median	75th	95th
Prevalent Comorbidity: CCS Group 12: Chronic lymphoid leukemia	0.0%	0.0%	0.2%	0.0%	0.0%	1.4%
Prevalent Comorbidity: CCS Group 13: Myelodysplastic Syndrome	0.0%	0.0%	0.5%	0.0%	0.0%	2.8%
Prevalent Comorbidity: CCS Group 14: Essential Thrombocytopenia	0.0%	0.0%	0.2%	0.0%	0.0%	1.3%
Prevalent Comorbidity: CCS Group 15: Diabetes without complications	19.5%	32.3%	39.1%	39.3%	46.3%	58.3%
Prevalent Comorbidity: CCS Group 16: Diabetes with complications	34.1%	48.4%	54.4%	55.1%	62.2%	73.0%
Prevalent Comorbidity: CCS Group 17: Glucocorticoid deficiency	0.0%	0.0%	0.7%	0.0%	0.9%	3.3%
Prevalent Comorbidity: CCS Group 18: Malnutrition / Cachexia	0.0%	3.5%	9.4%	6.7%	10.9%	32.5%
Prevalent Comorbidity: CCS Group 19: Cerebral edema	0.0%	0.0%	0.4%	0.0%	0.0%	2.2%
Prevalent Comorbidity: CCS Group 20: Disorders of urea cycle metabolism	0.0%	0.0%	0.4%	0.0%	0.0%	2.4%
Prevalent Comorbidity: CCS Group 21: Other amyloidosis	0.0%	0.0%	1.3%	0.0%	1.2%	6.0%
Prevalent Comorbidity: CCS Group 22: Other specified disorders of metabolism	0.0%	8.5%	13.5%	12.8%	17.6%	25.8%
Prevalent Comorbidity: CCS Group 23: Morbid Obesity	0.0%	0.0%	0.2%	0.0%	0.0%	1.4%
Prevalent Comorbidity: CCS Group 24: Solid Organ Transplant	0.0%	0.0%	2.8%	2.0%	4.1%	8.2%
Prevalent Comorbidity: CCS Group 25: Sickle-cell Anemia	0.0%	0.0%	0.6%	0.0%	0.7%	3.0%
Prevalent Comorbidity: CCS Group 26: Pancytopenia	0.0%	0.0%	1.1%	0.0%	1.6%	4.5%
Prevalent Comorbidity: CCS Group 27: Neutropenia	0.0%	1.7%	5.0%	4.2%	6.9%	12.5%

Covariate	5th	25th	Mean	Median	75th	95th
Prevalent Comorbidity: CCS Group 28: Primary hypercoagulable state	0.0%	0.0%	0.4%	0.0%	0.0%	2.2%
Prevalent Comorbidity: CCS Group 29: Dementia	0.0%	0.0%	0.1%	0.0%	0.0%	0.8%
Prevalent Comorbidity: CCS Group 30: Substance Related Disorders	0.0%	0.0%	1.8%	0.7%	2.5%	6.6%
Prevalent Comorbidity: CCS Group 31: Infection due to urinary catheter	0.0%	0.0%	0.7%	0.0%	0.8%	3.3%
Prevalent Comorbidity: CCS Group 32: HIV	0.0%	0.0%	0.7%	0.0%	0.7%	3.8%
Prevalent Comorbidity: CCS Group 33: Gastrostomy status	0.0%	0.0%	0.2%	0.0%	0.0%	0.7%
Prevalent Comorbidity: CCS Group 34: Long-term (current) use of insulin	0.0%	0.0%	0.9%	0.0%	1.2%	3.9%
Prevalent Comorbidity: CCS Group 35: Miscellaneous Mental Health	0.0%	2.3%	5.6%	4.7%	7.5%	13.3%
Prevalent Comorbidity: CCS Group 36: Opioid Dependence	0.0%	0.0%	1.8%	1.0%	2.7%	6.2%
Prevalent Comorbidity: CCS Group 37: Schizophrenia	1.7%	9.7%	15.5%	14.6%	20.0%	30.4%
Prevalent Comorbidity: CCS Group 38: Cerebral degeneration, unspecified	0.0%	0.0%	1.3%	0.0%	1.8%	5.6%
Prevalent Comorbidity: CCS Group 39: Peripheral autonomic neuropathy in disorders classified elsewhere	0.0%	0.0%	1.0%	0.0%	1.4%	4.2%
Prevalent Comorbidity: CCS Group 40: Unspecified hereditary and idiopathic peripheral neuropathy	0.0%	0.0%	0.7%	0.0%	0.8%	3.3%
Prevalent Comorbidity: CCS Group 41: Epilepsy	0.0%	0.0%	0.3%	0.0%	0.0%	2.0%
Prevalent Comorbidity: CCS Group 42: Bipolar Disorder	0.0%	0.0%	0.8%	0.0%	0.9%	4.1%
Prevalent Comorbidity: CCS Group 43: Major depressive affective disorder	0.0%	2.7%	6.4%	5.5%	8.9%	15.5%

Covariate	5th	25th	Mean	Median	75th	95th
Prevalent Comorbidity: CCS Group 44: Mood Disorders	0.0%	5.3%	9.6%	8.6%	12.8%	21.0%
Prevalent Comorbidity: CCS Group 45: Alcohol Related Disorders	0.0%	6.7%	11.8%	10.9%	15.6%	23.9%
Prevalent Comorbidity: CCS Group 46: Coma	0.0%	0.0%	1.5%	0.7%	2.2%	5.6%
Prevalent Comorbidity: CCS Group 47: Hip and Femur Fracture	0.0%	0.0%	0.5%	0.0%	0.4%	2.8%
Prevalent Comorbidity: CCS Group 48: Critical illness myopathy	0.0%	5.9%	10.8%	9.7%	14.3%	23.1%
Prevalent Comorbidity: CCS Group 49: hypertensive heart disease with heart failure	0.0%	5.8%	10.2%	9.3%	13.6%	20.9%
Prevalent Comorbidity: CCS Group 50: Myocardial Infarction	0.0%	0.0%	1.4%	0.6%	2.1%	5.1%
Prevalent Comorbidity: CCS Group 51: Coronary Atherosclerosis	0.0%	0.4%	3.1%	2.4%	4.5%	8.9%
Prevalent Comorbidity: CCS Group 52: pulmonary embolism and infarction	4.8%	13.7%	19.7%	19.0%	25.0%	35.0%
Prevalent Comorbidity: CCS Group 53: Primary pulmonary hypertension	0.0%	1.0%	3.6%	2.9%	5.1%	9.6%
Prevalent Comorbidity: CCS Group 54: Pulmonary Heart Disease	0.0%	4.2%	7.9%	7.2%	10.5%	16.7%
Prevalent Comorbidity: CCS Group 55: Cardiomyopathy	0.0%	2.9%	6.5%	5.6%	8.9%	15.2%
Prevalent Comorbidity: CCS Group 56: Atrioventricular block, complete	5.2%	14.9%	21.9%	21.0%	27.7%	40.6%
Prevalent Comorbidity: CCS Group 57: Paroxysmal Tachycardia	0.0%	0.0%	1.1%	0.0%	1.7%	4.5%
Prevalent Comorbidity: CCS Group 58: Atrial fibrillation	0.0%	0.8%	3.7%	2.7%	5.0%	10.1%
Prevalent Comorbidity: CCS Group 59: Atrial flutter	0.0%	0.0%	0.3%	0.0%	0.0%	1.9%

Covariate	5th	25th	Mean	Median	75th	95th
Prevalent Comorbidity: CCS Group 60: Sinoatrial node dysfunction	0.0%	6.6%	11.9%	10.9%	16.0%	25.2%
Prevalent Comorbidity: CCS Group 61: Acute Cerebrovascular Disease	3.0%	12.5%	19.1%	18.0%	24.7%	36.3%
Prevalent Comorbidity: CCS Group 62: Peripheral and Visceral Atherosclerosis	0.0%	0.0%	2.2%	1.3%	3.2%	7.2%
Prevalent Comorbidity: CCS Group 63: Aortic and Peripheral Artery Aneurysm	0.0%	2.5%	5.9%	5.1%	8.2%	13.9%
Prevalent Comorbidity: CCS Group 64: Venous Thromboembolism	5.0%	15.0%	20.9%	20.5%	26.3%	36.0%
Prevalent Comorbidity: CCS Group 65: Esophageal varices	0.0%	0.0%	0.7%	0.0%	0.9%	3.4%
Prevalent Comorbidity: CCS Group 66: Chronic Obstructive Pulmonary Disease	0.0%	0.0%	2.4%	1.6%	3.4%	7.3%
Prevalent Comorbidity: CCS Group 67: Asthma	0.0%	1.0%	3.7%	2.9%	5.2%	9.8%
Prevalent Comorbidity: CCS Group 68: Aspiration Pneumonitis	0.0%	0.0%	1.6%	0.8%	2.3%	5.7%
Prevalent Comorbidity: CCS Group 69: Other Lower Respiratory Diseases	0.0%	0.0%	0.9%	0.0%	1.2%	3.6%
Prevalent Comorbidity: CCS Group 70: Respiratory Failure	0.0%	8.1%	12.6%	11.8%	16.0%	24.5%
Prevalent Comorbidity: CCS Group 71: Enteritis and Ulcerative Colitis	0.0%	0.0%	1.6%	0.9%	2.4%	5.5%
Prevalent Comorbidity: CCS Group 72: Ileus and Intestinal Obstruction	0.0%	1.6%	4.4%	3.7%	6.1%	11.1%
Prevalent Comorbidity: CCS Group 73: Cirrhosis of Liver	0.0%	0.0%	1.9%	1.2%	2.9%	6.4%
Prevalent Comorbidity: CCS Group 74: Other Liver Disease	0.0%	0.0%	0.7%	0.0%	0.8%	3.4%
Prevalent Comorbidity: CCS Group 75: Pancreatitis	0.0%	0.0%	0.3%	0.0%	0.0%	2.0%

Covariate	5th	25th	Mean	Median	75th	95th
Prevalent Comorbidity: CCS Group 76: Chronic Skin Ulcer	0.0%	0.0%	1.3%	0.5%	2.0%	5.1%
Prevalent Comorbidity: CCS Group 77: Systemic lupus erythematosus and connective tissue disorders	0.0%	1.4%	4.0%	3.2%	5.6%	10.3%
Prevalent Comorbidity: CCS Group 78: Infective arthritis and osteomyelitis	0.0%	0.0%	0.7%	0.0%	0.9%	3.5%
Prevalent Comorbidity: CCS Group 79: Aseptic Necrosis	0.0%	0.0%	0.8%	0.0%	0.8%	3.8%
Prevalent Comorbidity: CCS Group 80: Rheumatoid Arthritis	0.0%	0.0%	1.0%	0.0%	1.4%	4.2%
Prevalent Comorbidity: CCS Group 81: Pathologic Fracture	0.0%	0.0%	1.0%	0.0%	1.1%	4.1%
Prevalent Comorbidity: CCS Group 82: Gangrene	0.0%	0.0%	1.1%	0.0%	1.7%	4.5%
Prevalent Comorbidity: CCS Group 83: Other toe(s) amputation status	0.0%	0.0%	0.5%	0.0%	0.0%	2.6%
Prevalent Comorbidity: CCS Group 84: Below knee amputation status	0.0%	0.0%	1.1%	0.0%	1.4%	4.6%
Prevalent Comorbidity: CCS Group 85: Ileostomy / Colostomy Status	0.0%	0.9%	3.3%	2.7%	4.8%	8.8%
Prevalent Comorbidity: CCS Group 86: Above knee amputation status	0.0%	0.9%	3.5%	2.8%	5.0%	9.6%
Prevalent Comorbidity: CCS Group 87: Other artificial opening of urinary tract status	0.0%	0.0%	1.3%	0.0%	1.8%	4.7%
Prevalent Comorbidity: CCS Group 88: Dependence on respirator, status	13.8%	25.6%	31.9%	32.0%	38.2%	48.6%
Prevalent Comorbidity: CCS Group 89: Cancer of Rectum	0.0%	0.0%	0.2%	0.0%	0.0%	1.1%
Prevalent Comorbidity: CCS Group 90: Inflammatory polyarthropathy	0.0%	0.0%	0.2%	0.0%	0.0%	1.6%
Prevalent Comorbidity: CCS Group 91: Sacroiliitis	0.0%	0.0%	0.6%	0.0%	0.7%	3.2%

Covariate	5th	25th	Mean	Median	75th	95th
Prevalent Comorbidity: Insufficient Medicare claims to determine prevalent comorbidities	4.4%	12.1%	18.3%	17.0%	22.4%	33.8%