

5.4.3 Variable Distribution Across Measured Entities

#3565 Standardized Emergency Department Encounter Ratio (SEDR) for Dialysis Facilities

Covariate	5th	25th	Mean	Median	75th	95th
Medicare Advantage (MA) coverage	11.40%	32.52%	41.62%	42.11%	50.77%	67.30%
Age in period	58.04	62.34	64.22	64.64	67.00	70.60
Age in period, Squared	3545.58	4068.33	4320.47	4354.57	4648.20	5115.57
Diabetes	21.88%	38.46%	45.95%	46.28%	54.04%	68.90%
Female	27.55%	38.12%	42.77%	43.06%	47.74%	57.01%
Patient in a Nursing Home <90 days in last 365 days	0.00%	7.11%	10.92%	10.30%	13.79%	20.49%
Patient in a Nursing Home 90 days or more in last 365 days	0.00%	1.94%	5.86%	4.22%	7.08%	14.29%
BMI: Categorical (1: Underweight, 2: Normal, 3: Overweight, 4: Obese)	2.06	2.49	2.66	2.70	2.88	3.19
Year: Categorical (2020, 2021, 2022, 2023)	2020.75	2021.30	2021.42	2021.39	2021.48	2022.32
Incident Comorbidity: Atherosclerotic heart disease	0.00%	3.57%	10.40%	7.77%	14.41%	28.72%
Incident Comorbidity: Other cardiac disease	0.21%	9.33%	16.90%	15.03%	22.22%	36.84%
Incident Comorbidity: Congestive heart failure	4.92%	17.02%	23.75%	23.15%	29.58%	41.11%
Incident Comorbidity: Inability to ambulate	0.00%	1.20%	4.36%	3.10%	5.81%	12.24%
Incident Comorbidity: Chronic obstructive pulmonary disease	0.00%	2.70%	6.86%	5.58%	9.47%	17.39%
Incident Comorbidity: Inability to transfer	0.00%	0.00%	2.05%	1.07%	2.61%	6.87%
Incident Comorbidity: Malignant neoplasm, cancer	0.00%	2.23%	5.61%	4.59%	7.78%	13.83%

Covariate	5th	25th	Mean	Median	75th	95th
Incident Comorbidity: Diabetes (all types including cause of ESRD)	0.00%	9.75%	15.63%	14.38%	20.15%	31.43%
Incident Comorbidity: Peripheral vascular disease	0.00%	2.99%	7.45%	5.79%	9.61%	19.19%
Incident Comorbidity: Cerebrovascular disease, CVA, TIA	0.00%	4.17%	7.72%	7.06%	10.25%	16.15%
Incident Comorbidity: Tobacco use (current smoker)	0.00%	2.39%	6.51%	5.24%	9.04%	16.05%
Incident Comorbidity: Alcohol dependence	0.00%	0.00%	1.31%	0.66%	1.80%	4.44%
Incident Comorbidity: Drug dependence	0.00%	0.00%	1.28%	0.48%	1.61%	4.46%
Incident Comorbidity: At least one of the incident comorbidities listed	62.44%	74.93%	78.58%	80.45%	85.40%	93.14%
Incident Comorbidity: No Medical Evidence (CMS-2728) Form	0.00%	0.00%	0.51%	0.00%	0.00%	1.29%
Prevalent Comorbidity: Group 4: HIV infection	0.00%	0.00%	1.21%	0.37%	1.59%	4.57%
Prevalent Comorbidity: Group 5: Hepatitis	0.00%	2.08%	4.50%	3.63%	5.48%	9.92%
Prevalent Comorbidity: Group 6: Viral infection	0.00%	4.24%	6.38%	5.80%	7.56%	11.33%
Prevalent Comorbidity: Group 7: Other infections; including parasitic	0.00%	4.16%	6.52%	5.88%	7.95%	12.26%
Prevalent Comorbidity: Group 10: Melanomas of skin	0.00%	1.46%	4.92%	3.88%	7.22%	12.75%
Prevalent Comorbidity: Group 17: Benign neoplasm of uterus	4.69%	11.70%	15.10%	14.79%	18.07%	23.97%
Prevalent Comorbidity: Group 19: Diabetes mellitus without complication	42.11%	54.89%	59.47%	60.43%	65.71%	75.40%
Prevalent Comorbidity: Group 28: Meningitis (except that caused by tuberculosis or sexually transmitted disease)	0.00%	0.00%	0.67%	0.44%	0.95%	2.13%
Prevalent Comorbidity: Group 32: Otitis media and related conditions	11.02%	18.58%	22.37%	22.08%	25.61%	32.35%

Covariate	5th	25th	Mean	Median	75th	95th
Prevalent Comorbidity: Group 33: Other nervous system disorders	27.30%	40.79%	45.86%	46.28%	51.46%	61.36%
Prevalent Comorbidity: Group 36: Essential hypertension	50.75%	64.81%	68.60%	70.23%	74.68%	81.85%
Prevalent Comorbidity: Group 37: Hypertension with complications and secondary hypertension	55.82%	67.01%	70.98%	72.16%	76.60%	83.89%
Prevalent Comorbidity: Group 38: Acute myocardial infarction	25.45%	37.84%	43.37%	43.64%	49.73%	59.41%
Prevalent Comorbidity: Group 39: Nonspecific chest pain	14.79%	24.55%	30.03%	29.52%	34.83%	44.73%
Prevalent Comorbidity: Group 40: Pulmonary heart disease	3.33%	11.51%	16.09%	15.44%	19.76%	27.50%
Prevalent Comorbidity: Group 41: Other and ill-defined heart disease	8.57%	17.63%	24.30%	23.43%	29.95%	40.95%
Prevalent Comorbidity: Group 42: Conduction disorders	25.99%	37.33%	43.36%	43.45%	49.57%	59.73%
Prevalent Comorbidity: Group 47: Other circulatory disease	29.20%	42.86%	48.06%	48.62%	54.07%	63.81%
Prevalent Comorbidity: Group 48: Phlebitis; thrombophlebitis and thromboembolism	2.19%	8.82%	12.68%	11.88%	15.38%	22.37%
Prevalent Comorbidity: Group 51: Acute and chronic tonsillitis	4.39%	10.94%	14.40%	13.88%	17.03%	23.64%
Prevalent Comorbidity: Group 52: Chronic obstructive pulmonary disease and bronchiectasis	10.67%	21.13%	26.68%	26.26%	32.03%	41.56%
Prevalent Comorbidity: Group 56: Other lower respiratory disease	36.96%	49.03%	53.40%	53.99%	58.72%	66.90%
Prevalent Comorbidity: Group 57: Other upper respiratory disease	4.17%	10.85%	14.06%	13.64%	16.54%	22.14%
Prevalent Comorbidity: Group 59: Disorders of teeth and jaw	0.00%	2.78%	4.40%	4.05%	5.39%	8.02%

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Prevalent Comorbidity: Group 60: Esophageal disorders	16.67%	27.90%	34.00%	33.87%	40.00%	50.00%
Prevalent Comorbidity: Group 61: Gastroduodenal ulcer (except hemorrhage)	4.62%	11.52%	14.71%	14.33%	17.24%	23.14%
Prevalent Comorbidity: Group 66: Anal and rectal conditions	0.00%	1.40%	2.59%	2.37%	3.37%	5.33%
Prevalent Comorbidity: Group 67: Peritonitis and intestinal abscess	0.00%	1.23%	3.20%	2.39%	3.96%	8.11%
Prevalent Comorbidity: Group 69: Pancreatic disorders (not diabetes)	0.00%	2.31%	3.98%	3.64%	5.08%	7.91%
Prevalent Comorbidity: Group 70: Gastrointestinal hemorrhage	0.94%	8.01%	10.54%	10.29%	12.63%	17.43%
Prevalent Comorbidity: Group 71: Noninfectious gastroenteritis	0.00%	3.65%	5.39%	5.10%	6.64%	9.72%
Prevalent Comorbidity: Group 72: Other gastrointestinal disorders	25.80%	35.07%	39.58%	39.38%	43.87%	52.80%
Prevalent Comorbidity: Group 76: Urinary tract infections	4.77%	11.54%	15.47%	14.80%	18.46%	25.71%
Prevalent Comorbidity: Group 77: Other diseases of kidney and ureters	9.97%	17.27%	22.12%	21.15%	25.41%	34.85%
Prevalent Comorbidity: Group 78: Hyperplasia of prostate	4.42%	11.40%	15.05%	14.50%	17.81%	24.60%
Prevalent Comorbidity: Group 82: Skin and subcutaneous tissue infections	28.52%	39.25%	44.03%	44.20%	48.90%	58.49%
Prevalent Comorbidity: Group 83: Infective arthritis and osteomyelitis (except that caused by tuberculosis or sexually transmitted disease)	0.00%	3.77%	5.94%	5.46%	7.31%	11.30%
Prevalent Comorbidity: Group 89: Sprains and strains	0.00%	3.08%	4.74%	4.44%	5.85%	8.70%
Prevalent Comorbidity: Group 93: Complication of device; implant or graft	17.65%	38.25%	45.04%	46.00%	53.28%	64.37%

Covariate	5th	25th	Mean	Median	75th	95th
Prevalent Comorbidity: Group 95: Superficial injury; contusion	2.82%	9.21%	12.08%	11.65%	14.29%	19.82%
Prevalent Comorbidity: Group 97: Poisoning by psychotropic agents	0.00%	0.49%	1.43%	1.13%	1.85%	3.39%
Prevalent Comorbidity: Group 98: Other injuries and conditions due to external causes	10.74%	21.41%	25.76%	25.65%	29.92%	37.93%
Prevalent Comorbidity: Group 99: Syncope	0.00%	7.33%	10.06%	9.61%	12.08%	17.15%
Prevalent Comorbidity: Group 102: Gangrene	0.00%	2.07%	3.68%	3.35%	4.71%	7.55%
Prevalent Comorbidity: Group 103: Shock	0.00%	2.97%	4.80%	4.31%	5.81%	9.09%
Prevalent Comorbidity: Group 104: Nausea and vomiting	9.42%	17.19%	22.72%	21.95%	27.27%	37.04%
Prevalent Comorbidity: Group 105: Abdominal pain	13.64%	21.25%	25.26%	25.00%	28.67%	35.51%
Prevalent Comorbidity: Group 106: Malaise and fatigue	17.95%	28.17%	33.43%	33.02%	38.10%	48.73%
Prevalent Comorbidity: Group 107: Allergic reactions	9.45%	19.24%	25.45%	25.00%	30.90%	40.42%
Prevalent Comorbidity: Group 115: Anxiety disorders	6.17%	14.96%	20.65%	19.87%	25.16%	35.11%
Prevalent Comorbidity: Group 116: Attention-deficit conduct and disruptive behavior disorders	0.00%	0.17%	1.44%	0.78%	1.53%	3.52%
Prevalent Comorbidity: Group 118: Developmental disorders	0.00%	0.00%	0.77%	0.34%	0.95%	2.40%
Prevalent Comorbidity: Group 121: Mood disorders	9.09%	18.66%	24.48%	23.76%	29.31%	39.62%
Prevalent Comorbidity: Group 122: Personality disorders	0.00%	0.00%	0.61%	0.00%	0.51%	1.69%
Prevalent Comorbidity: Group 123: Schizophrenia and other psychotic disorders	0.00%	0.63%	2.39%	1.66%	2.93%	5.96%

Covariate	5th	25th	Mean	Median	75th	95th
Prevalent Comorbidity: Group 124: Alcohol-related disorders	4.69%	12.80%	17.86%	17.14%	21.75%	29.80%
Prevalent Comorbidity: Group 125: Suicide and intentional self-inflicted injury	0.00%	0.00%	0.99%	0.61%	1.23%	2.73%
Prevalent Comorbidity: Group 126: Screening and history of mental health and substance abuse codes	13.45%	25.43%	30.62%	30.54%	35.91%	44.76%
Prevalent Comorbidity: Group 127: Miscellaneous mental health disorders	0.00%	2.64%	4.82%	4.21%	6.02%	9.79%
Prevalent Comorbidity: Group 291: Epilepsy; convulsions	0.00%	4.19%	7.02%	6.26%	8.63%	13.44%
Prevalent Comorbidity: Group 292: Headache; including migraine	3.45%	9.66%	12.90%	12.41%	15.38%	20.97%
Prevalent Comorbidity: Group 761: Calculus of urinary tract	0.00%	4.49%	7.74%	6.66%	9.43%	17.36%
Prevalent Comorbidity: Group 841: Other non-traumatic joint disorders	14.00%	22.92%	26.75%	26.69%	30.47%	37.74%
Prevalent Comorbidity: Group 842: Spondylosis; intervertebral disc disorders; other back problems	16.42%	25.30%	29.63%	29.47%	33.78%	41.23%
Prevalent Comorbidity: Group 843: Osteoporosis	0.00%	3.44%	5.70%	5.26%	7.29%	11.17%
Prevalent Comorbidity: Group 846: Other connective tissue disease	34.78%	46.93%	51.58%	51.98%	56.96%	66.96%
Prevalent Comorbidity: Insufficient Medicare claims to determine prevalent comorbidities	7.65%	14.00%	18.84%	17.58%	21.62%	32.00%