

**Supplemental Material S4.** The top 30 most prevalent diagnoses in the 52,726-patient dataset along with their respective sample sizes. Also included is the sample size of patients with no diagnosis information reported.

Rank	Diagnosis	<i>n</i>
1	Gastroesophageal reflux	4,236
2	Hypertension	3,977
3	Cerebrovascular accident	3,747
4	Chronic obstructive pulmonary disease	2,072
5	Head & neck cancer	1,981
6	Hyperlipidemia	1,543
7	Pneumonia-acquired	1,217
8	Coronary artery disease	1,197
9	Respiratory failure	1,188
10	Fibrillation, atrial	1,010
11	Diabetes, insulin dependent	995
12	Congestive heart failure	984
13	Dementia, general	842
14	Diabetes, non-insulin dependent	815
15	Parkinson's disease, without dementia	712
16	Shortness of breath	676
17	Cough	660
18	Pneumonia-aspiration, right, lower lobe	554
19	Anemia	497
20	Pneumonia-aspiration, left, lower lobe	467
21	Epilepsy/seizure disorder	368
22	Lung cancer	364
23	Traumatic brain injury	348
24	Parkinson's disease, with dementia	334
25	Sepsis	334
26	Encephalopathy	308
27	Dementia, other	283
28	Alzheimer's disease	277
29	Other specified disorders of thyroid	271
30	Multiple sclerosis	262
NA	Not reported	31,380