|  |  |  |  |
| --- | --- | --- | --- |
| **CO-DIAGNOSES** | **ICD-9 CM codes** | **n** | **%** |
| **INFECTIOUS AND PARASITIC DISEASES** | **001-139** |  |
|   | Human immunodeficiency virus disease | 42 | 12 | 0.8 |
| **ENDOCRINE, METABOLIC AND IMMUNITY DISORDERS** | **240-279** |  |
|  | Pure hypercholesterolemia  | 272.0 | 74 | 4.47 |
|  | Other and unspecified hyperlipidemia | 272.4 | 72 | 4.35 |
|  | Diabetes mellitus | 250 | 63 | 3.80 |
|   | Acquired hypothyroidism | 244 | 28 | 1.69 |
|   | Disorders involving the immune system | 279 | 3 | 0.18 |
| **DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS** | **280-289** |  |
|   | Iron deficiency anemias | 280 | 44 | 2.66 |
| **MENTAL DISORDERS** | **290-319** |  |
|  | Tobacco use disorder | 305.1 | 144 | 8.70 |
|   | Alcohol dependence syndrome | 303 | 38 | 2.29 |
|  | Tension headache | 307.81 | 21 | 1.27 |
| **DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS** | **320-389** |  |
| **Inflammatory Diseases Of The Central Nervous System** | **320-327** |  |
|  | Encephalitis myelitis and encephalomyelitis | 323 | 133 | 8.03 |
|  | Meningitis due to other nonbacterial organisms classified elsewhere | 321.8 | 30 | 1.81 |
|  | Meningitis of unspecified cause | 322 | 30 | 1.81 |
|  | Intracranial abscess | 324.0 | 16 | 0.97 |
| **Hereditary And Degenerative Diseases Of The Central Nervous System** | **330-337**  |   |
|   | Obstructive hydrocephalus | 331.4 | 179 | 10.81 |
|   | Communicating hydrocephalus | 331.3 | 17 | 1.03 |
| **Epilepsy and Convulsions** | **345, 780.3** |  |
|  | Epilepsy, unspecified, without mention of intractable epilepsy | 345.90 | 301 | 18,18 |
|  | Generalized convulsive epilepsy, without mention of intractable epilepsy | 345.10 | 143 | 8,64 |
|  | Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, without mention of intractable epilepsy | 345.50 | 96 | 5.80 |
|  | Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures, without mention of intractable epilepsy | 345.40 | 60 | 3.62 |
|  | Grand mal status | 345.3 | 16 | 0.97 |
|  | Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures, with intractable epilepsy | 345.41 | 7 | 0.42 |
|  | Convulsions | 780.3 | 196 | 11.84 |
| **Other Disorders Of The Central Nervous System** | **340-349**  |   |
|  | Other conditions of brain | 348.8 | 82 | 4.95 |
|  | Cerebral cysts | 348.0 | 60 | 3.62 |
|  | Cerebral edema | 348.5 | 60 | 3.62 |
|  | Migraine, unspecified, without mention of intractable migraine without mention of status migrainosus | 346.90 | 32 | 1.93 |
|  | Benign intracranial hypertension | 348.2 | 26 | 1.57 |
|  | Hemiplegia, unspecified, affecting unspecified side | 342.90 | 21 | 1.27 |
|  | Other conditions of brain | 348.89 | 19 | 1.15 |
| **Mechanical complication of nervous system device, implant, and graft** | **996.2** | 31 | 1,87 |
| **DISEASES OF THE CIRCULATORY SYSTEM** | **390-459** |  |
|  | Unspecified essential hypertension | 401.9 | 150 | 9.06 |
|  | Occlusion of cerebral arteries | 434 | 32 | 1.93 |
|  | Cerebral artery occlusion, unspecified with cerebral infarction | 434.91 | 16 | 0.97 |
|  | Intracerebral hemorrhage | 431 | 14 | 0.85 |
| **DISEASES OF THE RESPIRATORY SYSTEM** | **460-519** |  |
|  | Pneumonitis due to inhalation of food or vomitus | 507.0 | 18 | 1.09 |
|  | Pneumonia, organism unspecified | 486 | 16 | 0.97 |
| **SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS** | **780-799** |  |
|  | Headache | 784.0 | 57 | 3.44 |
| **SUPPLEMENTARY CLASSIFICATION OF FACTORS INFLUENCING HEALTH STATUS AND CONTACT WITH HEALTH SERVICES** | **V01-91** |  |
|  | Presence of cerebrospinal fluid drainage device | V45.2 | 66 | 3.99 |