Supplementary Table 1: Diagnosis codes of the International Classification of Diseases 10th editions, Clinical Modification (ICD-10-CM), used to describe baseline/preexisting clinical medical conditions; and Current Procedural Terminology (CPT) code for COVID-19 vaccination status

Variables	ICD-10 codes
Long COVID diagnosis	U09.9
Mental health disorders	F10.x-F16.x, F17.x-F69.x, F80.x-F89.x, F90.x-F99.x
Myocardial Infarction	I21.x, I22.x, I25.x,
Congestive Heart Failure	I42.x, I43.x, I50.x,
Peripheral Vascular Disease	I70.x, I71.x, I73.x, I79.x, K55.x, Z95.x
Cerebrovascular Disease	G45.x, G46.x, I60.x-I69.x
Chronic Pulmonary Disease	I27.x, J40.x-J47.x, J60.xJ68.x, J70.x
Mild Liver Disease	B18.x, K70.x K71.x, K73.x, K74.x, K76.x, Z94.x
Diabetes	E10.x-E14.x
Renal Disease	N03.x, N05.x, N18.x, N19.x, Z49.x
Cancer (any malignancy)	C00.x-C26.x, C30.x-C34.x, C37.x-C41.x, C43.x, C45.x-58.x, C60.x-C76.x, C81.x-C85.x, C88.x, C90.x-C97.x

Variables	CPT codes
COVID-19 vaccination	"91300", "91305", "91307", "91308", "91301", "91306", "91311", "91309", "91317", "91315","91312", "91314", "91316", "91313"