

Appendix I
Diagnoses codes used to identify the types of chronic conditions
Electronic Health Records database, 2016

Type of Chronic Conditions	ICD-9-CM Codes	ICD-10-CM Codes	SNOMED Codes
Diabetes	250, 250.00	E11, E11.9, E14.9	121589010, 502372015
Cardiovascular Conditions			
Hypertension	401.9	I10, 10	64176011, 2164904016
Ischemic heart disease		I25, I25.9	2534671011, 2537479013, 397667016, 2534663012
Vascular heart disease			1705016
Stroke		I64	2644233012 , 2476091017, 345636015, 345682011
Heart failure	428.0, 428.1	I50,I50.9	1234906013, 143156018, 251680018, 94251011, 2645367010, 18472010, 139475013, 2816764017, 493289014, 70653017, 80720010
Dyslipidemia		E78.5	92826017, 1209706018
Musculoskeletal Conditions			
osteoarthritis			1776248011, 359420013, 359421012, 1785522017
Osteoporosis		M81.99	453855011, 107806013
Respiratory Conditions			
Asthma	493, 493.90	J45	301485011, 301480018
COPD		J44.1, J44.9	23290013, 23287019, 475431013, 475427019
Mental Health Conditions			
Dementia		F02	87274019
Depression	311	F31.3	486186018, 486187010, 110183011, 346973011, 346979010, 55208011, 454082014, 486187010, 124707013, 1208903011, 490537016, 346980013, 1228731019, 486184015
Anxiety		F41.8, F41.9	346980013, 369987018, 303689015, 481155011, 81133019
Schizophrenia		F20	114425016, 405368015, 294764011, 138883015, 96745016

ICD-9-CM codes: International Classifications of Diseases – 9th edition, Clinical Modification

ICD-10-CM codes: International Classifications of Diseases – 10th edition

SNOMED: Clinical Modification Systematized Nomenclature of Medicine

COPD: Chronic Obstructive Pulmonary Disease