

Supplementary Table 1: disease definitions from UK-Biobank

Phenotype	Data field	Field name	Data code	Data code definition	Inclusion
Coronary Artery Disease	20002	Non-cancer illness code, self-reported	1074	angina	1
Coronary Artery Disease	20002	Non-cancer illness code, self-reported	1075	heart attack/myocardial infarction	1
Coronary Artery Disease	20004	Operation code, self-reported	1070	coronary angioplasty	1
Coronary Artery Disease	20004	Operation code, self-reported	1095	coronary artery bypass graft	1
Coronary Artery Disease	20004	Operation code, self-reported	1523	triple heart bypass	1
Coronary Artery Disease	6150	Vascular/heart problems diagnosed by doctor	1	Heart attack	1
Coronary Artery Disease	6150	Vascular/heart problems diagnosed by doctor	2	Angina	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I20	Angina pectoris	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I20	Angina pectoris	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I20	Angina pectoris	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I20	Angina pectoris	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I20.0	Unstable angina	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I20.0	Unstable angina	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I20.0	Unstable angina	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I20.0	Unstable angina	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I20.1	Angina pectoris	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I20.1	Angina pectoris	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I20.1	Angina pectoris	1

Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I20.1	Angina pectoris	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I20.8	Other forms of a	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I20.8	Other forms of a	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I20.8	Other forms of a	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I20.8	Other forms of a	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I20.9	Angina pectoris,	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I20.9	Angina pectoris,	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I20.9	Angina pectoris,	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I20.9	Angina pectoris,	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I21	Acute myocardia	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I21	Acute myocardia	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I21	Acute myocardia	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I21	Acute myocardia	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I21.0	Acute transmura	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I21.0	Acute transmura	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I21.0	Acute transmura	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I21.0	Acute transmura	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I21.1	Acute transmura	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I21.1	Acute transmura	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I21.1	Acute transmura	1

Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I21.1	Acute transmura	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I21.2	Acute transmura	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I21.2	Acute transmura	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I21.2	Acute transmura	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I21.2	Acute transmura	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I21.3	Acute transmura	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I21.3	Acute transmura	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I21.3	Acute transmura	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I21.3	Acute transmura	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I21.4	Acute subendoc	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I21.4	Acute subendoc	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I21.4	Acute subendoc	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I21.4	Acute subendoc	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I21.9	Acute myocardia	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I21.9	Acute myocardia	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I21.9	Acute myocardia	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I21.9	Acute myocardia	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I22	Subsequent myc	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I22	Subsequent myc	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I22	Subsequent myc	1

Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I22	Subsequent myc	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I22.0	Subsequent myc	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I22.0	Subsequent myc	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I22.0	Subsequent myc	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I22.0	Subsequent myc	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I22.1	Subsequent myc	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I22.1	Subsequent myc	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I22.1	Subsequent myc	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I22.1	Subsequent myc	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I22.8	Subsequent myc	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I22.8	Subsequent myc	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I22.8	Subsequent myc	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I22.8	Subsequent myc	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I22.9	Subsequent myc	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I22.9	Subsequent myc	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I22.9	Subsequent myc	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I22.9	Subsequent myc	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I23	Certain current c	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I23	Certain current c	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I23	Certain current c	1

Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I23	Certain current c	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I23.0	Haemopericardiu	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I23.0	Haemopericardiu	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I23.0	Haemopericardiu	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I23.0	Haemopericardiu	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I23.1	Atrial septal defe	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I23.1	Atrial septal defe	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I23.1	Atrial septal defe	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I23.1	Atrial septal defe	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I23.2	Ventricular septa	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I23.2	Ventricular septa	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I23.2	Ventricular septa	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I23.2	Ventricular septa	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I23.3	Rupture of cardia	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I23.3	Rupture of cardia	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I23.3	Rupture of cardia	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I23.3	Rupture of cardia	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I23.4	Rupture of chord	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I23.4	Rupture of chord	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I23.4	Rupture of chord	1

Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I23.4	Rupture of chord	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I23.5	Rupture of papill	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I23.5	Rupture of papill	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I23.5	Rupture of papill	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I23.5	Rupture of papill	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I23.6	Thrombosis of at	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I23.6	Thrombosis of at	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I23.6	Thrombosis of at	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I23.6	Thrombosis of at	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I23.8	Other current col	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I23.8	Other current col	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I23.8	Other current col	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I23.8	Other current col	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I24	Other acute isch	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I24	Other acute isch	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I24	Other acute isch	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I24	Other acute isch	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I24.0	Coronary thromb	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I24.0	Coronary thromb	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I24.0	Coronary thromb	1

Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I24.0	Coronary thromb	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I24.1	Dressler's syndro	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I24.1	Dressler's syndro	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I24.1	Dressler's syndro	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I24.1	Dressler's syndro	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I24.8	Other forms of a	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I24.8	Other forms of a	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I24.8	Other forms of a	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I24.8	Other forms of a	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I24.9	Acute ischaemic	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I24.9	Acute ischaemic	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I24.9	Acute ischaemic	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I24.9	Acute ischaemic	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I25.1	Atherosclerotic h	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I25.1	Atherosclerotic h	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I25.1	Atherosclerotic h	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I25.1	Atherosclerotic h	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I25.2	Old myocardial in	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I25.2	Old myocardial in	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I25.2	Old myocardial in	1

Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I25.2	Old myocardial infarction	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I25.5	Ischaemic cardiomyopathy	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I25.5	Ischaemic cardiomyopathy	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I25.5	Ischaemic cardiomyopathy	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I25.5	Ischaemic cardiomyopathy	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I25.6	Silent myocardial infarction	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I25.6	Silent myocardial infarction	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I25.6	Silent myocardial infarction	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I25.6	Silent myocardial infarction	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I25.8	Other forms of cardiomyopathy	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I25.8	Other forms of cardiomyopathy	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I25.8	Other forms of cardiomyopathy	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I25.8	Other forms of cardiomyopathy	1
Coronary Artery Disease	41202	Diagnoses - main ICD10	I25.9	Chronic ischaemic heart disease	1
Coronary Artery Disease	41204	Diagnoses - secondary ICD10	I25.9	Chronic ischaemic heart disease	1
Coronary Artery Disease	40001	Underlying (primary) cause of death: ICD10	I25.9	Chronic ischaemic heart disease	1
Coronary Artery Disease	40002	Contributory (secondary) causes of death: ICD10	I25.9	Chronic ischaemic heart disease	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K40	Saphenous vein bypass grafting	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K40	Saphenous vein bypass grafting	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K40.1	Saphenous vein bypass grafting	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K40.1	Saphenous vein bypass grafting	1

Coronary Artery Disease	41200	Operative procedures main OPCS	K40.2	Saphenous vein	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K40.2	Saphenous vein	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K40.3	Saphenous vein	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K40.3	Saphenous vein	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K40.4	Saphenous vein	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K40.4	Saphenous vein	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K40.8	Other specified s	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K40.8	Other specified s	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K40.9	Unspecified saph	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K40.9	Unspecified saph	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K41	Other autograft r	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K41	Other autograft r	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K41.1	Autograft replace	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K41.1	Autograft replace	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K41.2	Autograft replace	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K41.2	Autograft replace	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K41.3	Autograft replace	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K41.3	Autograft replace	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K41.4	Autograft replace	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K41.4	Autograft replace	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K41.8	Other specified c	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K41.8	Other specified c	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K41.9	Unspecified othe	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K41.9	Unspecified othe	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K42	Allograft replace	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K42	Allograft replace	1

Coronary Artery Disease	41200	Operative procedures - main OPCS	K42.1	Allograft replace	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K42.1	Allograft replace	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K42.2	Allograft replace	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K42.2	Allograft replace	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K42.3	Allograft replace	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K42.3	Allograft replace	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K42.4	Allograft replace	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K42.4	Allograft replace	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K42.8	Other specified a	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K42.8	Other specified a	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K42.9	Unspecified allog	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K42.9	Unspecified allog	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K43	Prosthetic replac	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K43	Prosthetic replac	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K43.1	Prosthetic replac	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K43.1	Prosthetic replac	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K43.2	Prosthetic replac	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K43.2	Prosthetic replac	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K43.3	Prosthetic replac	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K43.3	Prosthetic replac	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K43.4	Prosthetic replac	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K43.4	Prosthetic replac	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K43.8	Other specified p	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K43.8	Other specified p	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K43.9	Unspecified pros	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K43.9	Unspecified pros	1

Coronary Artery Disease	41200	Operative procedures - main OPCS	K44	Other replacement	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K44	Other replacement	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K44.1	Replacement of	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K44.1	Replacement of	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K44.2	Revision of repla	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K44.2	Revision of repla	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K44.8	Other specified c	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K44.8	Other specified c	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K44.9	Unspecified othe	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K44.9	Unspecified othe	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K45.1	Double anastom	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K45.1	Double anastom	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K45.2	Double anastom	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K45.2	Double anastom	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K45.3	Anastomosis of r	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K45.3	Anastomosis of r	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K45.4	Anastomosis of r	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K45.4	Anastomosis of r	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K45.5	Anastomosis of t	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K45.5	Anastomosis of t	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K45.6	Revision of conn	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K45.6	Revision of conn	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K45.8	Other specified c	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K45.8	Other specified c	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K45.9	Unspecified con	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K45.9	Unspecified con	1

Coronary Artery Disease	41200	Operative procedures - main OPCS	K46	Other bypass of	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K46	Other bypass of	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K46.1	Double implanta	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K46.1	Double implanta	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K46.2	Double implanta	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K46.2	Double implanta	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K46.3	Implantation of n	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K46.3	Implantation of n	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K46.4	Implantation of t	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K46.4	Implantation of t	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K46.5	Revision of impla	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K46.5	Revision of impla	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K46.8	Other specified c	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K46.8	Other specified c	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K46.9	Unspecified othe	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K46.9	Unspecified othe	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K49.1	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K49.1	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K49.2	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K49.2	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K49.3	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K49.3	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K49.4	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K49.4	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K49.8	Other specified t	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K49.8	Other specified t	1

Coronary Artery Disease	41200	Operative procedures - main OPCS	K49.9	Unspecified trans	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K49.9	Unspecified trans	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K50.1	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K50.1	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K50.2	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K50.2	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K50.4	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K50.4	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.1	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.1	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.2	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.2	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.3	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.3	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.4	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.4	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.8	Other specified p	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.8	Other specified p	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.9	Unspecified perc	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.9	Unspecified perc	1
Coronary Artery Disease	41203	Diagnoses - main ICD9	410	Acute myocardia	1
Coronary Artery Disease	41205	Diagnoses - secondary ICD9	410	Acute myocardia	1
Coronary Artery Disease	41203	Diagnoses - main ICD9	4109	Acute myocardia	1
Coronary Artery Disease	41205	Diagnoses - secondary ICD9	4109	Acute myocardia	1
Coronary Artery Disease	41203	Diagnoses - main ICD9	411	Other acute and	1
Coronary Artery Disease	41205	Diagnoses - secondary ICD9	411	Other acute and	1

Coronary Artery Disease	41203	Diagnoses - main ICD9	4119	Other acute and	1
Coronary Artery Disease	41205	Diagnoses - secondary ICD9	4119	Other acute and	1
Coronary Artery Disease	41203	Diagnoses - main ICD9	412	Old myocardial inf	1
Coronary Artery Disease	41205	Diagnoses - secondary ICD9	412	Old myocardial inf	1
Coronary Artery Disease	41203	Diagnoses - main ICD9	4129	Old myocardial inf	1
Coronary Artery Disease	41205	Diagnoses - secondary ICD9	4129	Old myocardial inf	1
Coronary Artery Disease	41203	Diagnoses - main ICD9	413	Angina pectoris	1
Coronary Artery Disease	41205	Diagnoses - secondary ICD9	413	Angina pectoris	1
Coronary Artery Disease	41203	Diagnoses - main ICD9	4139	Angina pectoris	1
Coronary Artery Disease	41205	Diagnoses - secondary ICD9	4139	Angina pectoris	1
Coronary Artery Disease	41203	Diagnoses - main ICD9	4140	Coronary atheros	1
Coronary Artery Disease	41205	Diagnoses - secondary ICD9	4140	Coronary atheros	1
Coronary Artery Disease	41203	Diagnoses - main ICD9	4148	Other specified f	1
Coronary Artery Disease	41205	Diagnoses - secondary ICD9	4148	Other specified f	1
Coronary Artery Disease	41203	Diagnoses - main ICD9	4149	Chronic ischaem	1
Coronary Artery Disease	41205	Diagnoses - secondary ICD9	4149	Chronic ischaem	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K40.1	Saphenous vein	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K40.1	Saphenous vein	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K40.2	Saphenous vein	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K40.2	Saphenous vein	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K40.3	Saphenous vein	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K40.3	Saphenous vein	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K40.4	Saphenous vein	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K40.4	Saphenous vein	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K41.1	Autograft replac	1

Coronary Artery Disease	41210	Operative procedures secondary OPCS	K41.1	Autograft replacement	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K41.2	Autograft replacement	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K41.2	Autograft replacement	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K41.3	Autograft replacement	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K41.3	Autograft replacement	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K41.4	Autograft replacement	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K41.4	Autograft replacement	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K45.1	Double anastomosis	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K45.1	Double anastomosis	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K45.2	Double anastomosis	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K45.2	Double anastomosis	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K45.3	Anastomosis of	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K45.3	Anastomosis of	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K45.4	Anastomosis of	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K45.4	Anastomosis of	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K45.5	Anastomosis of	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K45.5	Anastomosis of	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K49.1	Percutaneous transluminal	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K49.1	Percutaneous transluminal	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K49.2	Percutaneous transluminal	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K49.2	Percutaneous transluminal	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K49.8	Other specified transluminal	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K49.8	Other specified transluminal	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K49.9	Unspecified transluminal	1
Coronary Artery Disease	41210	Operative procedures secondary OPCS	K49.9	Unspecified transluminal	1
Coronary Artery Disease	41200	Operative procedures main OPCS	K50.2	Percutaneous transluminal	1

Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K50.2	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.1	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.1	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.2	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.2	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.3	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.3	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.4	Percutaneous tra	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.4	Percutaneous tra	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.8	Other specified p	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.8	Other specified p	1
Coronary Artery Disease	41200	Operative procedures - main OPCS	K75.9	Unspecified perc	1
Coronary Artery Disease	41210	Operative procedures - secondary OPCS	K75.9	Unspecified perc	1
Coronary Artery Disease	42001	Source of first MI	0	Self-report only	1
Coronary Artery Disease	42001	Source of first MI	1	Hospital admissi	1
Coronary Artery Disease	42001	Source of first MI	2	Death only	1
Heart Failure	20002	Non-cancer illness code, self-reported	1076	Heart failure/pulm	1
Heart Failure	20002	Non-cancer illness code, self-reported	1079	Cardiomyopathy	1
Heart Failure	20002	Non-cancer illness code, self-reported	1588	Hypertrophic car	0
Heart Failure	41202	Diagnoses - main ICD10	I11.0	Hypertensive he	1
Heart Failure	41204	Diagnoses - secondary ICD10	I11.0	Hypertensive he	1
Heart Failure	40001	Underlying (primary) cause of death: ICD10	I11.0	Hypertensive he	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I11.0	Hypertensive he	1
Heart Failure	41202	Diagnoses - main ICD10	I13.0	Hypertensive he	1
Heart Failure	41204	Diagnoses - secondary ICD10	I13.0	Hypertensive he	1

Heart Failure	40001	Underlying (primary) cause of death: ICD10	I13.0	Hypertensive he	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I13.0	Hypertensive he	1
Heart Failure	41202	Diagnoses - main ICD10	I13.2	Hypertensive he	1
Heart Failure	41204	Diagnoses - secondary ICD10	I13.2	Hypertensive he	1
Heart Failure	40001	Underlying (primary) cause of death: ICD10	I13.2	Hypertensive he	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I13.2	Hypertensive he	1
Heart Failure	41202	Diagnoses - main ICD10	I25.5	Ischaemic cardio	1
Heart Failure	41204	Diagnoses - secondary ICD10	I25.5	Ischaemic cardio	1
Heart Failure	40001	Underlying (primary) cause of death: ICD10	I25.5	Ischaemic cardio	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I25.5	Ischaemic cardio	1
Heart Failure	41202	Diagnoses - main ICD10	I42.0	Dilated cardiomy	1
Heart Failure	41204	Diagnoses - secondary ICD10	I42.0	Dilated cardiomy	1
Heart Failure	40001	Underlying (primary) cause of death: ICD10	I42.0	Dilated cardiomy	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I42.0	Dilated cardiomy	1
Heart Failure	41202	Diagnoses - main ICD10	I42.1	Obstructive hype	0
Heart Failure	41204	Diagnoses - secondary ICD10	I42.1	Obstructive hype	0
Heart Failure	40001	Underlying (primary) cause of death: ICD10	I42.1	Obstructive hype	0
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I42.1	Obstructive hype	0
Heart Failure	41202	Diagnoses - main ICD10	I42.2	Other hypertroph	0
Heart Failure	41204	Diagnoses - secondary ICD10	I42.2	Other hypertroph	0

Heart Failure	40001	Underlying (primary) cause of death: ICD10	I42.2	Other hypertroph	0
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I42.2	Other hypertroph	0
Heart Failure	41202	Diagnoses - main ICD10	I42.5	Other restrictive	1
Heart Failure	41204	Diagnoses - secondary ICD10	I42.5	Other restrictive	1
Heart Failure	40001	Underlying (primary) cause of death: ICD10	I42.5	Other restrictive	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I42.5	Other restrictive	1
Heart Failure	41202	Diagnoses - main ICD10	I42.8	Other cardiomyo	1
Heart Failure	41204	Diagnoses - secondary ICD10	I42.8	Other cardiomyo	1
Heart Failure	40001	Underlying (primary) cause of death: ICD10	I42.8	Other cardiomyo	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I42.8	Other cardiomyo	1
Heart Failure	41202	Diagnoses - main ICD10	I42.9	Cardiomyopathy	1
Heart Failure	41204	Diagnoses - secondary ICD10	I42.9	Cardiomyopathy	1
Heart Failure	40001	Underlying (primary) cause of death: ICD10	I42.9	Cardiomyopathy	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I42.9	Cardiomyopathy	1
Heart Failure	41202	Diagnoses - main ICD10	I50	Heart failure	1
Heart Failure	41204	Diagnoses - secondary ICD10	I50	Heart failure	1
Heart Failure	40001	Underlying (primary) cause of death: ICD10	I50	Heart failure	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I50	Heart failure	1
Heart Failure	41202	Diagnoses - main ICD10	I50.0	Congestive hear	1
Heart Failure	41204	Diagnoses - secondary ICD10	I50.0	Congestive hear	1

Heart Failure	40001	Underlying (primary) cause of death: ICD10	I50.0	Congestive heart failure	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I50.0	Congestive heart failure	1
Heart Failure	41202	Diagnoses - main ICD10	I50.1	Left ventricular failure	1
Heart Failure	41204	Diagnoses - secondary ICD10	I50.1	Left ventricular failure	1
Heart Failure	40001	Underlying (primary) cause of death: ICD10	I50.1	Left ventricular failure	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I50.1	Left ventricular failure	1
Heart Failure	41202	Diagnoses - main ICD10	I50.9	Heart failure, unspecified	1
Heart Failure	41204	Diagnoses - secondary ICD10	I50.9	Heart failure, unspecified	1
Heart Failure	40001	Underlying (primary) cause of death: ICD10	I50.9	Heart failure, unspecified	1
Heart Failure	40002	Contributory (secondary) causes of death: ICD10	I50.9	Heart failure, unspecified	1
Heart Failure	41203	Diagnoses - main ICD9	4254	Other primary cardiac diagnosis	1
Heart Failure	41205	Diagnoses - secondary ICD9	4254	Other primary cardiac diagnosis	1
Heart Failure	41203	Diagnoses - main ICD9	4280	Congestive heart failure	1
Heart Failure	41205	Diagnoses - secondary ICD9	4280	Congestive heart failure	1
Heart Failure	41203	Diagnoses - main ICD9	4281	Left heart failure	1
Heart Failure	41205	Diagnoses - secondary ICD9	4281	Left heart failure	1
Heart Failure	40001	Diagnoses - main ICD9	4289	Heart failure, unspecified	1
Heart Failure	40002	Diagnoses - secondary ICD9	4289	Heart failure, unspecified	1
Peripheral vascular disease	20002	Non-cancer illness code, self-reported	1067	Peripheral vascular disease	1
Peripheral vascular disease	20002	Non-cancer illness code, self-reported	1087	Leg claudication	1
Peripheral vascular disease	20002	Non-cancer illness code, self-reported	1088	Arterial embolism	1
Peripheral vascular disease	20004	Operation code, self-reported	1102	Fem-pop bypass	1

Peripheral vascular disease	20004	Operation code, self-reported	1108	Leg artery angio	1
Peripheral vascular disease	20004	Operation code, self-reported	1440	Amputation of le	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I70.0	Atherosclerosis d	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I70.0	Atherosclerosis d	1
Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I70.0	Atherosclerosis d	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I70.0	Atherosclerosis d	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I70.00	Atherosclerosis d	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I70.00	Atherosclerosis d	1
Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I70.00	Atherosclerosis d	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I70.00	Atherosclerosis d	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I70.01	Atherosclerosis d	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I70.01	Atherosclerosis d	1
Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I70.01	Atherosclerosis d	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I70.01	Atherosclerosis d	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I70.2	Atherosclerosis d	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I70.2	Atherosclerosis d	1
Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I70.2	Atherosclerosis d	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I70.2	Atherosclerosis d	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I70.20	Atherosclerosis d	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I70.20	Atherosclerosis d	1

Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I70.20	Atherosclerosis d	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I70.20	Atherosclerosis d	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I70.21	Atherosclerosis d	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I70.21	Atherosclerosis d	1
Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I70.21	Atherosclerosis d	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I70.21	Atherosclerosis d	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I70.8	Atherosclerosis d	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I70.8	Atherosclerosis d	1
Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I70.8	Atherosclerosis d	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I70.8	Atherosclerosis d	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I70.80	Atherosclerosis d	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I70.80	Atherosclerosis d	1
Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I70.80	Atherosclerosis d	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I70.80	Atherosclerosis d	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I70.9	Generalised and	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I70.9	Generalised and	1
Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I70.9	Generalised and	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I70.9	Generalised and	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I70.90	Generalized and	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I70.90	Generalized and	1

Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I70.90	Generalized and	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I70.90	Generalized and	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I73.8	Other specified p	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I73.8	Other specified p	1
Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I73.8	Other specified p	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I73.8	Other specified p	1
Peripheral vascular disease	41202	Diagnoses - main ICD10	I73.9	Peripheral vascu	1
Peripheral vascular disease	41204	Diagnoses - secondary ICD10	I73.9	Peripheral vascu	1
Peripheral vascular disease	40001	Underlying (primary) cause of death: ICD10	I73.9	Peripheral vascu	1
Peripheral vascular disease	40002	Contributory (secondary) causes of death: ICD10	I73.9	Peripheral vascu	1
Peripheral vascular disease	41203	Diagnoses - main ICD9	4400	Atherosclerosis d	1
Peripheral vascular disease	41205	Diagnoses - secondary ICD9	4400	Atherosclerosis d	1
Peripheral vascular disease	41203	Diagnoses - main ICD9	4402	Atherosclerosis d	1
Peripheral vascular disease	41205	Diagnoses - secondary ICD9	4402	Atherosclerosis d	1
Peripheral vascular disease	41203	Diagnoses - main ICD9	4438	Other specified p	1
Peripheral vascular disease	41205	Diagnoses - secondary ICD9	4438	Other specified p	1
Peripheral vascular disease	41203	Diagnoses - main ICD9	4439	Peripheral vascu	1
Peripheral vascular disease	41205	Diagnoses - secondary ICD9	4439	Peripheral vascu	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	X09.3	Amputation of le	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	X09.3	Amputation of le	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	X09.4	Amputation of le	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	X09.4	Amputation of le	1

Peripheral vascular disease	41200	Operative procedures - main OPCS	X09.5	Amputation of leg	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	X09.5	Amputation of leg	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L21.6	Bypass of bifurcation	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L21.6	Bypass of bifurcation	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L51.3	Bypass of artery	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L51.3	Bypass of artery	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L51.6	Bypass of artery	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L51.6	Bypass of artery	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L51.8	Other specified	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L51.8	Other specified	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L52.1	Endarterectomy	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L52.1	Endarterectomy	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L52.2	Endarterectomy	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L52.2	Endarterectomy	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L54.1	Percutaneous transluminal angioplasty	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L54.1	Percutaneous transluminal angioplasty	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L54.4	Percutaneous transluminal angioplasty	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L54.4	Percutaneous transluminal angioplasty	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L54.8	Other specified	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L54.8	Other specified	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L59.1	Bypass of femoral artery	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L59.1	Bypass of femoral artery	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L59.2	Bypass of femoral artery	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L59.2	Bypass of femoral artery	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L59.3	Bypass of femoral artery	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L59.3	Bypass of femoral artery	1

Peripheral vascular disease	41200	Operative procedures - main OPCS	L59.4	Bypass of femor	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L59.4	Bypass of femor	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L59.5	Bypass of femor	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L59.5	Bypass of femor	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L59.6	Bypass of femor	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L59.6	Bypass of femor	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L59.7	Bypass of femor	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L59.7	Bypass of femor	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L59.8	Other specified c	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L59.8	Other specified c	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L60.1	Endarterectomy	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L60.1	Endarterectomy	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L60.2	Endarterectomy	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L60.2	Endarterectomy	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L63.1	Percutaneous tra	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L63.1	Percutaneous tra	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L63.5	Percutaneous tra	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L63.5	Percutaneous tra	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L63.9	Unspecified tran	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L63.9	Unspecified tran	1
Peripheral vascular disease	41200	Operative procedures - main OPCS	L66.7	Percutaneous tra	1
Peripheral vascular disease	41210	Operative procedures - secondary OPCS	L66.7	Percutaneous tra	1
Hypertension	20002	Non-cancer illness code, self-reported	1065	Hypertension	1
Hypertension	20002	Non-cancer illness code, self-reported	1072	Essential hypert	1
Hypertension	6150	Vascular/heart problems diagnosed by doctor	4	High blood press	1

Hypertension	41202	Diagnoses - main ICD10	I10	Essential (prima	1
Hypertension	41204	Diagnoses - secondary ICD10	I10	Essential (prima	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I10	Essential (prima	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I10	Essential (prima	1
Hypertension	41202	Diagnoses - main ICD10	I11	Hypertensive he	1
Hypertension	41204	Diagnoses - secondary ICD10	I11	Hypertensive he	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I11	Hypertensive he	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I11	Hypertensive he	1
Hypertension	41202	Diagnoses - main ICD10	I11.0	Hypertensive he	1
Hypertension	41204	Diagnoses - secondary ICD10	I11.0	Hypertensive he	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I11.0	Hypertensive he	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I11.0	Hypertensive he	1
Hypertension	41202	Diagnoses - main ICD10	I11.9	Hypertensive he	1
Hypertension	41204	Diagnoses - secondary ICD10	I11.9	Hypertensive he	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I11.9	Hypertensive he	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I11.9	Hypertensive he	1
Hypertension	41202	Diagnoses - main ICD10	I12	Hypertensive ren	1
Hypertension	41204	Diagnoses - secondary ICD10	I12	Hypertensive ren	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I12	Hypertensive ren	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I12	Hypertensive ren	1

Hypertension	41202	Diagnoses - main ICD10	I12.0	Hypertensive ren	1
Hypertension	41204	Diagnoses - secondary ICD10	I12.0	Hypertensive ren	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I12.0	Hypertensive ren	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I12.0	Hypertensive ren	1
Hypertension	41202	Diagnoses - main ICD10	I12.9	Hypertensive ren	1
Hypertension	41204	Diagnoses - secondary ICD10	I12.9	Hypertensive ren	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I12.9	Hypertensive ren	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I12.9	Hypertensive ren	1
Hypertension	41202	Diagnoses - main ICD10	I13	Hypertensive he	1
Hypertension	41204	Diagnoses - secondary ICD10	I13	Hypertensive he	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I13	Hypertensive he	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I13	Hypertensive he	1
Hypertension	41202	Diagnoses - main ICD10	I13.0	Hypertensive he	1
Hypertension	41204	Diagnoses - secondary ICD10	I13.0	Hypertensive he	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I13.0	Hypertensive he	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I13.0	Hypertensive he	1
Hypertension	41202	Diagnoses - main ICD10	I13.1	Hypertensive he	1
Hypertension	41204	Diagnoses - secondary ICD10	I13.1	Hypertensive he	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I13.1	Hypertensive he	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I13.1	Hypertensive he	1

Hypertension	41202	Diagnoses - main ICD10	I13.2	Hypertensive he	1
Hypertension	41204	Diagnoses - secondary ICD10	I13.2	Hypertensive he	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I13.2	Hypertensive he	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I13.2	Hypertensive he	1
Hypertension	41202	Diagnoses - main ICD10	I13.9	Hypertensive he	1
Hypertension	41204	Diagnoses - secondary ICD10	I13.9	Hypertensive he	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I13.9	Hypertensive he	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I13.9	Hypertensive he	1
Hypertension	41202	Diagnoses - main ICD10	I15	Secondary hype	1
Hypertension	41204	Diagnoses - secondary ICD10	I15	Secondary hype	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I15	Secondary hype	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I15	Secondary hype	1
Hypertension	41202	Diagnoses - main ICD10	I15.0	Renovascular hy	1
Hypertension	41204	Diagnoses - secondary ICD10	I15.0	Renovascular hy	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I15.0	Renovascular hy	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I15.0	Renovascular hy	1
Hypertension	41202	Diagnoses - main ICD10	I15.1	Hypertension se	1
Hypertension	41204	Diagnoses - secondary ICD10	I15.1	Hypertension se	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I15.1	Hypertension se	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I15.1	Hypertension se	1

Hypertension	41202	Diagnoses - main ICD10	I15.2	Hypertension se	1
Hypertension	41204	Diagnoses - secondary ICD10	I15.2	Hypertension se	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I15.2	Hypertension se	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I15.2	Hypertension se	1
Hypertension	41202	Diagnoses - main ICD10	I15.8	Other secondary	1
Hypertension	41204	Diagnoses - secondary ICD10	I15.8	Other secondary	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I15.8	Other secondary	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I15.8	Other secondary	1
Hypertension	41202	Diagnoses - main ICD10	I15.9	Secondary hype	1
Hypertension	41204	Diagnoses - secondary ICD10	I15.9	Secondary hype	1
Hypertension	40001	Underlying (primary) cause of death: ICD10	I15.9	Secondary hype	1
Hypertension	40002	Contributory (secondary) causes of death: ICD10	I15.9	Secondary hype	1
Hypertension	41203	Diagnoses - main ICD9	401	Essential hypert	1
Hypertension	41205	Diagnoses - secondary ICD9	401	Essential hypert	1
Hypertension	41203	Diagnoses - main ICD9	4010	Essential hypert	1
Hypertension	41205	Diagnoses - secondary ICD9	4010	Essential hypert	1
Hypertension	41203	Diagnoses - main ICD9	4011	Essential hypert	1
Hypertension	41205	Diagnoses - secondary ICD9	4011	Essential hypert	1
Hypertension	41203	Diagnoses - main ICD9	4019	Essential hypert	1
Hypertension	41205	Diagnoses - secondary ICD9	4019	Essential hypert	1
Hypertension	41203	Diagnoses - main ICD9	402	Hypertensive he	1
Hypertension	41205	Diagnoses - secondary ICD9	402	Hypertensive he	1

Hypertension	41203	Diagnoses - main ICD9	4020	Hypertensive he	1
Hypertension	41205	Diagnoses - secondary ICD9	4020	Hypertensive he	1
Hypertension	41203	Diagnoses - main ICD9	4021	Hypertensive he	1
Hypertension	41205	Diagnoses - secondary ICD9	4021	Hypertensive he	1
Hypertension	41203	Diagnoses - main ICD9	4029	Hypertensive he	1
Hypertension	41205	Diagnoses - secondary ICD9	4029	Hypertensive he	1
Hypertension	41203	Diagnoses - main ICD9	403	Hypertensive ren	1
Hypertension	41205	Diagnoses - secondary ICD9	403	Hypertensive ren	1
Hypertension	41203	Diagnoses - main ICD9	4030	Hypertensive ren	1
Hypertension	41205	Diagnoses - secondary ICD9	4030	Hypertensive ren	1
Hypertension	41203	Diagnoses - main ICD9	4031	Hypertensive ren	1
Hypertension	41205	Diagnoses - secondary ICD9	4031	Hypertensive ren	1
Hypertension	41203	Diagnoses - main ICD9	4039	Hypertensive ren	1
Hypertension	41205	Diagnoses - secondary ICD9	4039	Hypertensive ren	1
Hypertension	41203	Diagnoses - main ICD9	404	Hypertensive he	1
Hypertension	41205	Diagnoses - secondary ICD9	404	Hypertensive he	1
Hypertension	41203	Diagnoses - main ICD9	4040	Hypertensive he	1
Hypertension	41205	Diagnoses - secondary ICD9	4040	Hypertensive he	1
Hypertension	41203	Diagnoses - main ICD9	4041	Hypertensive he	1
Hypertension	41205	Diagnoses - secondary ICD9	4041	Hypertensive he	1
Hypertension	41203	Diagnoses - main ICD9	4049	Hypertensive he	1
Hypertension	41205	Diagnoses - secondary ICD9	4049	Hypertensive he	1
Hypertension	41203	Diagnoses - main ICD9	405	Secondary hype	1
Hypertension	41205	Diagnoses - secondary ICD9	405	Secondary hype	1
Hypertension	41203	Diagnoses - main ICD9	4050	Secondary hype	1

Hypertension	41205	Diagnoses - secondary ICD9	4050	Secondary hype	1
Hypertension	41203	Diagnoses - main ICD9	4051	Secondary hype	1
Hypertension	41205	Diagnoses - secondary ICD9	4051	Secondary hype	1
Hypertension	41203	Diagnoses - main ICD9	4059	Secondary hype	1
Hypertension	41205	Diagnoses - secondary ICD9	4059	Secondary hype	1
Hypercholesterolemia	20002	Non-cancer illness code, self-reported	1473	High cholesterol	1
Hypercholesterolemia	41202	Diagnoses - main ICD10	E78.0	Pure hyperchole	1
Hypercholesterolemia	41204	Diagnoses - secondary ICD10	E78.0	Pure hyperchole	1
Hypercholesterolemia	40001	Underlying (primary) cause of death: ICD10	E78.0	Pure hyperchole	1
Hypercholesterolemia	40002	Contributory (secondary) causes of death: ICD10	E78.0	Pure hyperchole	1
Hypercholesterolemia	41202	Diagnoses - main ICD10	E78.1	Pure hyperglyce	1
Hypercholesterolemia	41204	Diagnoses - secondary ICD10	E78.1	Pure hyperglyce	1
Hypercholesterolemia	40001	Underlying (primary) cause of death: ICD10	E78.1	Pure hyperglyce	1
Hypercholesterolemia	40002	Contributory (secondary) causes of death: ICD10	E78.1	Pure hyperglyce	1
Hypercholesterolemia	41202	Diagnoses - main ICD10	E78.2	Mixed hyperlipida	1
Hypercholesterolemia	41204	Diagnoses - secondary ICD10	E78.2	Mixed hyperlipida	1
Hypercholesterolemia	40001	Underlying (primary) cause of death: ICD10	E78.2	Mixed hyperlipida	1
Hypercholesterolemia	40002	Contributory (secondary) causes of death: ICD10	E78.2	Mixed hyperlipida	1
Hypercholesterolemia	41202	Diagnoses - main ICD10	E78.4	Other hyperlipida	1
Hypercholesterolemia	41204	Diagnoses - secondary ICD10	E78.4	Other hyperlipida	1
Hypercholesterolemia	40001	Underlying (primary) cause of death: ICD10	E78.4	Other hyperlipida	1

Hypercholesterolemia	40002	Contributory (secondary) causes of death: ICD10	E78.4	Other hyperlipidaemia	1
Hypercholesterolemia	41202	Diagnoses - main ICD10	E78.5	Hyperlipidaemia,	1
Hypercholesterolemia	41204	Diagnoses - secondary ICD10	E78.5	Hyperlipidaemia,	1
Hypercholesterolemia	40001	Underlying (primary) cause of death: ICD10	E78.5	Hyperlipidaemia,	1
Hypercholesterolemia	40002	Contributory (secondary) causes of death: ICD10	E78.5	Hyperlipidaemia,	1
Aortic valve disease	20002	Non-cancer illness code, self-reported	1490	Aortic stenosis	1
Aortic valve disease	20002	Non-cancer illness code, self-reported	1586	Aortic valve dise	1
Aortic valve disease	20002	Non-cancer illness code, self-reported	1587	Aortic regurgitati	1
Aortic valve disease	20004	Operation code, self-reported	1099	Aortic valve repa	1
Aortic valve disease	41202	Diagnoses - main ICD10	I06	Rheumatic aortic	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I06	Rheumatic aortic	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I06	Rheumatic aortic	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I06	Rheumatic aortic	1
Aortic valve disease	41202	Diagnoses - main ICD10	I06.0	Rheumatic aortic	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I06.0	Rheumatic aortic	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I06.0	Rheumatic aortic	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I06.0	Rheumatic aortic	1
Aortic valve disease	41202	Diagnoses - main ICD10	I06.1	Rheumatic aortic	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I06.1	Rheumatic aortic	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I06.1	Rheumatic aortic	1

Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I06.1	Rheumatic aortic	1
Aortic valve disease	41202	Diagnoses - main ICD10	I06.2	Rheumatic aortic	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I06.2	Rheumatic aortic	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I06.2	Rheumatic aortic	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I06.2	Rheumatic aortic	1
Aortic valve disease	41202	Diagnoses - main ICD10	I06.8	Other rheumatic	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I06.8	Other rheumatic	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I06.8	Other rheumatic	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I06.8	Other rheumatic	1
Aortic valve disease	41202	Diagnoses - main ICD10	I06.9	Rheumatic aortic	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I06.9	Rheumatic aortic	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I06.9	Rheumatic aortic	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I06.9	Rheumatic aortic	1
Aortic valve disease	41202	Diagnoses - main ICD10	I08.0	Disorders of both	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I08.0	Disorders of both	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I08.0	Disorders of both	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I08.0	Disorders of both	1
Aortic valve disease	41202	Diagnoses - main ICD10	I08.2	Disorders of both	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I08.2	Disorders of both	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I08.2	Disorders of both	1

Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I08.2	Disorders of both	1
Aortic valve disease	41202	Diagnoses - main ICD10	I08.3	Combined disorder	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I08.3	Combined disorder	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I08.3	Combined disorder	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I08.3	Combined disorder	1
Aortic valve disease	41202	Diagnoses - main ICD10	I35	Nonrheumatic aortic	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I35	Nonrheumatic aortic	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I35	Nonrheumatic aortic	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I35	Nonrheumatic aortic	1
Aortic valve disease	41202	Diagnoses - main ICD10	I35.0	Aortic (valve) stenosis	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I35.0	Aortic (valve) stenosis	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I35.0	Aortic (valve) stenosis	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I35.0	Aortic (valve) stenosis	1
Aortic valve disease	41202	Diagnoses - main ICD10	I35.1	Aortic (valve) insufficiency	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I35.1	Aortic (valve) insufficiency	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I35.1	Aortic (valve) insufficiency	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I35.1	Aortic (valve) insufficiency	1
Aortic valve disease	41202	Diagnoses - main ICD10	I35.2	Aortic (valve) stenosis	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I35.2	Aortic (valve) stenosis	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I35.2	Aortic (valve) stenosis	1

Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I35.2	Aortic (valve) stenosis	1
Aortic valve disease	41202	Diagnoses - main ICD10	I35.8	Other aortic valve disease	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I35.8	Other aortic valve disease	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I35.8	Other aortic valve disease	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I35.8	Other aortic valve disease	1
Aortic valve disease	41202	Diagnoses - main ICD10	I35.9	Aortic valve disease	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I35.9	Aortic valve disease	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I35.9	Aortic valve disease	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I35.9	Aortic valve disease	1
Aortic valve disease	41202	Diagnoses - main ICD10	I39.1	Aortic valve disease	1
Aortic valve disease	41204	Diagnoses - secondary ICD10	I39.1	Aortic valve disease	1
Aortic valve disease	40001	Underlying (primary) cause of death: ICD10	I39.1	Aortic valve disease	1
Aortic valve disease	40002	Contributory (secondary) causes of death: ICD10	I39.1	Aortic valve disease	1
Aortic valve disease	41203	Diagnoses - main ICD9	3951	Rheumatic aortic valve disease	1
Aortic valve disease	41205	Diagnoses - secondary ICD9	3951	Rheumatic aortic valve disease	1
Aortic valve disease	41203	Diagnoses - main ICD9	3959	Other and unspecified aortic valve disease	1
Aortic valve disease	41205	Diagnoses - secondary ICD9	3959	Other and unspecified aortic valve disease	1
Aortic valve disease	41203	Diagnoses - main ICD9	4241	Aortic valve disease	1
Aortic valve disease	41205	Diagnoses - secondary ICD9	4241	Aortic valve disease	1
Aortic valve disease	41200	Operative procedures - main OPCS	K26	Plastic repair of aortic valve	1
Aortic valve disease	41210	Operative procedures - secondary OPCS	K26	Plastic repair of aortic valve	1
Aortic valve disease	41200	Operative procedures - main OPCS	K26.1	Allograft replacement of aortic valve	1

Aortic valve disease	41210	Operative procedures - secondary OPCS	K26.1	Allograft replace	1
Aortic valve disease	41200	Operative procedures - main OPCS	K26.2	Xenograft replac	1
Aortic valve disease	41210	Operative procedures - secondary OPCS	K26.2	Xenograft replac	1
Aortic valve disease	41200	Operative procedures - main OPCS	K26.3	Prosthetic replac	1
Aortic valve disease	41210	Operative procedures - secondary OPCS	K26.3	Prosthetic replac	1
Aortic valve disease	41200	Operative procedures - main OPCS	K26.4	Replacement of	1
Aortic valve disease	41210	Operative procedures - secondary OPCS	K26.4	Replacement of	1
Aortic valve disease	41200	Operative procedures - main OPCS	K26.5	Aortic valve repa	1
Aortic valve disease	41210	Operative procedures - secondary OPCS	K26.5	Aortic valve repa	1
Aortic valve disease	41200	Operative procedures - main OPCS	K26.8	Other specified p	1
Aortic valve disease	41210	Operative procedures - secondary OPCS	K26.8	Other specified p	1
Aortic valve disease	41200	Operative procedures - main OPCS	K26.9	Unspecified plas	1
Aortic valve disease	41210	Operative procedures - secondary OPCS	K26.9	Unspecified plas	1
Aortic valve disease	41200	Operative procedures - main OPCS	K30.2	Revision of plast	1
Aortic valve disease	41210	Operative procedures - secondary OPCS	K30.2	Revision of plast	1
Diabetes, All	2443	Diabetes diagnosed by doctor	1	Yes	1
Diabetes, All	20002	Non-cancer illness code, self-reported	1220	Diabetes	1
Diabetes, All	20002	Non-cancer illness code, self-reported	1221	Gestational diab	1
Diabetes, All	20002	Non-cancer illness code, self-reported	1222	Type 1 diabetes	1
Diabetes, All	20002	Non-cancer illness code, self-reported	1223	Type 2 diabetes	1
Diabetes, All	2986	Insulin use within one year	1	Started insulin w	1
Diabetes, All	6177	Medication for cholesterol, blood pressure or diabetes	3	Insulin	1
Diabetes, All	6153	Medication for cholesterol, blood pressure, diabetes, or take exogenous hormones	3	Insulin	1

Diabetes, All	41202	Diagnoses - main ICD10	E10	Insulin-depende	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E10	Insulin-depende	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E10	Insulin-depende	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E10	Insulin-depende	1
Diabetes, All	41202	Diagnoses - main ICD10	E10.0	Insulin-depende	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E10.0	Insulin-depende	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E10.0	Insulin-depende	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E10.0	Insulin-depende	1
Diabetes, All	41202	Diagnoses - main ICD10	E10.1	Insulin-depende	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E10.1	Insulin-depende	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E10.1	Insulin-depende	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E10.1	Insulin-depende	1
Diabetes, All	41202	Diagnoses - main ICD10	E10.2	Insulin-depende	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E10.2	Insulin-depende	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E10.2	Insulin-depende	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E10.2	Insulin-depende	1
Diabetes, All	41202	Diagnoses - main ICD10	E10.3	Insulin-depende	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E10.3	Insulin-depende	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E10.3	Insulin-depende	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E10.3	Insulin-depende	1

Diabetes, All	41202	Diagnoses - main ICD10	E10.4	Insulin-depende	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E10.4	Insulin-depende	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E10.4	Insulin-depende	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E10.4	Insulin-depende	1
Diabetes, All	41202	Diagnoses - main ICD10	E10.5	Insulin-depende	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E10.5	Insulin-depende	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E10.5	Insulin-depende	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E10.5	Insulin-depende	1
Diabetes, All	41202	Diagnoses - main ICD10	E10.6	Insulin-depende	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E10.6	Insulin-depende	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E10.6	Insulin-depende	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E10.6	Insulin-depende	1
Diabetes, All	41202	Diagnoses - main ICD10	E10.7	Insulin-depende	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E10.7	Insulin-depende	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E10.7	Insulin-depende	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E10.7	Insulin-depende	1
Diabetes, All	41202	Diagnoses - main ICD10	E10.8	Insulin-depende	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E10.8	Insulin-depende	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E10.8	Insulin-depende	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E10.8	Insulin-depende	1

Diabetes, All	41202	Diagnoses - main ICD10	E10.9	Insulin-depende	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E10.9	Insulin-depende	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E10.9	Insulin-depende	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E10.9	Insulin-depende	1
Diabetes, All	41202	Diagnoses - main ICD10	E11	Non-insulin-depe	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E11	Non-insulin-depe	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E11	Non-insulin-depe	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E11	Non-insulin-depe	1
Diabetes, All	41202	Diagnoses - main ICD10	E11.0	Non-insulin-depe	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E11.0	Non-insulin-depe	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E11.0	Non-insulin-depe	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E11.0	Non-insulin-depe	1
Diabetes, All	41202	Diagnoses - main ICD10	E11.1	Non-insulin-depe	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E11.1	Non-insulin-depe	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E11.1	Non-insulin-depe	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E11.1	Non-insulin-depe	1
Diabetes, All	41202	Diagnoses - main ICD10	E11.2	Non-insulin-depe	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E11.2	Non-insulin-depe	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E11.2	Non-insulin-depe	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E11.2	Non-insulin-depe	1

Diabetes, All	41202	Diagnoses - main ICD10	E11.3	Non-insulin-depe	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E11.3	Non-insulin-depe	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E11.3	Non-insulin-depe	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E11.3	Non-insulin-depe	1
Diabetes, All	41202	Diagnoses - main ICD10	E11.4	Non-insulin-depe	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E11.4	Non-insulin-depe	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E11.4	Non-insulin-depe	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E11.4	Non-insulin-depe	1
Diabetes, All	41202	Diagnoses - main ICD10	E11.5	Non-insulin-depe	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E11.5	Non-insulin-depe	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E11.5	Non-insulin-depe	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E11.5	Non-insulin-depe	1
Diabetes, All	41202	Diagnoses - main ICD10	E11.6	Non-insulin-depe	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E11.6	Non-insulin-depe	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E11.6	Non-insulin-depe	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E11.6	Non-insulin-depe	1
Diabetes, All	41202	Diagnoses - main ICD10	E11.7	Non-insulin-depe	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E11.7	Non-insulin-depe	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E11.7	Non-insulin-depe	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E11.7	Non-insulin-depe	1

Diabetes, All	41202	Diagnoses - main ICD10	E11.8	Non-insulin-depe	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E11.8	Non-insulin-depe	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E11.8	Non-insulin-depe	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E11.8	Non-insulin-depe	1
Diabetes, All	41202	Diagnoses - main ICD10	E11.9	Non-insulin-depe	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E11.9	Non-insulin-depe	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E11.9	Non-insulin-depe	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E11.9	Non-insulin-depe	1
Diabetes, All	41202	Diagnoses - main ICD10	E12	Malnutrition-relat	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E12	Malnutrition-relat	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E12	Malnutrition-relat	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E12	Malnutrition-relat	1
Diabetes, All	41202	Diagnoses - main ICD10	E12.1	Malnutrition-relat	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E12.1	Malnutrition-relat	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E12.1	Malnutrition-relat	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E12.1	Malnutrition-relat	1
Diabetes, All	41202	Diagnoses - main ICD10	E12.8	Malnutrition-relat	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E12.8	Malnutrition-relat	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E12.8	Malnutrition-relat	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E12.8	Malnutrition-relat	1

Diabetes, All	41202	Diagnoses - main ICD10	E12.9	Malnutrition-relat	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E12.9	Malnutrition-relat	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E12.9	Malnutrition-relat	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E12.9	Malnutrition-relat	1
Diabetes, All	41202	Diagnoses - main ICD10	E13	Other specified d	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E13	Other specified d	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E13	Other specified d	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E13	Other specified d	1
Diabetes, All	41202	Diagnoses - main ICD10	E13.1	Other specified d	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E13.1	Other specified d	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E13.1	Other specified d	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E13.1	Other specified d	1
Diabetes, All	41202	Diagnoses - main ICD10	E13.2	Other specified d	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E13.2	Other specified d	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E13.2	Other specified d	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E13.2	Other specified d	1
Diabetes, All	41202	Diagnoses - main ICD10	E13.3	Other specified d	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E13.3	Other specified d	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E13.3	Other specified d	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E13.3	Other specified d	1

Diabetes, All	41202	Diagnoses - main ICD10	E13.5	Other specified d	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E13.5	Other specified d	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E13.5	Other specified d	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E13.5	Other specified d	1
Diabetes, All	41202	Diagnoses - main ICD10	E13.6	Other specified d	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E13.6	Other specified d	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E13.6	Other specified d	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E13.6	Other specified d	1
Diabetes, All	41202	Diagnoses - main ICD10	E13.7	Other specified d	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E13.7	Other specified d	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E13.7	Other specified d	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E13.7	Other specified d	1
Diabetes, All	41202	Diagnoses - main ICD10	E13.8	Other specified d	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E13.8	Other specified d	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E13.8	Other specified d	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E13.8	Other specified d	1
Diabetes, All	41202	Diagnoses - main ICD10	E13.9	Other specified d	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E13.9	Other specified d	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E13.9	Other specified d	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E13.9	Other specified d	1

Diabetes, All	41202	Diagnoses - main ICD10	E14	Unspecified diab	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E14	Unspecified diab	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E14	Unspecified diab	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E14	Unspecified diab	1
Diabetes, All	41202	Diagnoses - main ICD10	E14.0	Unspecified diab	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E14.0	Unspecified diab	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E14.0	Unspecified diab	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E14.0	Unspecified diab	1
Diabetes, All	41202	Diagnoses - main ICD10	E14.1	Unspecified diab	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E14.1	Unspecified diab	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E14.1	Unspecified diab	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E14.1	Unspecified diab	1
Diabetes, All	41202	Diagnoses - main ICD10	E14.2	Unspecified diab	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E14.2	Unspecified diab	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E14.2	Unspecified diab	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E14.2	Unspecified diab	1
Diabetes, All	41202	Diagnoses - main ICD10	E14.3	Unspecified diab	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E14.3	Unspecified diab	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E14.3	Unspecified diab	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E14.3	Unspecified diab	1

Diabetes, All	41202	Diagnoses - main ICD10	E14.4	Unspecified diab	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E14.4	Unspecified diab	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E14.4	Unspecified diab	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E14.4	Unspecified diab	1
Diabetes, All	41202	Diagnoses - main ICD10	E14.5	Unspecified diab	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E14.5	Unspecified diab	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E14.5	Unspecified diab	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E14.5	Unspecified diab	1
Diabetes, All	41202	Diagnoses - main ICD10	E14.6	Unspecified diab	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E14.6	Unspecified diab	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E14.6	Unspecified diab	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E14.6	Unspecified diab	1
Diabetes, All	41202	Diagnoses - main ICD10	E14.7	Unspecified diab	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E14.7	Unspecified diab	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E14.7	Unspecified diab	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E14.7	Unspecified diab	1
Diabetes, All	41202	Diagnoses - main ICD10	E14.8	Unspecified diab	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E14.8	Unspecified diab	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E14.8	Unspecified diab	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E14.8	Unspecified diab	1

Diabetes, All	41202	Diagnoses - main ICD10	E14.9	Unspecified diab	1
Diabetes, All	41204	Diagnoses - secondary ICD10	E14.9	Unspecified diab	1
Diabetes, All	40001	Underlying (primary) cause of death: ICD10	E14.9	Unspecified diab	1
Diabetes, All	40002	Contributory (secondary) causes of death: ICD10	E14.9	Unspecified diab	1
Diabetes, All	41203	Diagnosis - main ICD9	2500	Diabetes mellitus	1
Diabetes, All	41205	Diagnoses - secondary ICD9	2500	Diabetes mellitus	1
Diabetes, All	41203	Diagnosis - main ICD9	25000	Diabetes mellitus	1
Diabetes, All	41205	Diagnoses - secondary ICD9	25000	Diabetes mellitus	1
Diabetes, All	41203	Diagnosis - main ICD9	25001	Diabetes mellitus	1
Diabetes, All	41205	Diagnoses - secondary ICD9	25001	Diabetes mellitus	1
Diabetes, All	41203	Diagnosis - main ICD9	25009	Diabetes mellitus	1
Diabetes, All	41205	Diagnoses - secondary ICD9	25009	Diabetes mellitus	1
Diabetes, All	41203	Diagnosis - main ICD9	2501	Diabetes with ke	1
Diabetes, All	41205	Diagnoses - secondary ICD9	2501	Diabetes with ke	1
Diabetes, All	41203	Diagnosis - main ICD9	25011	Diabetes with ke	1
Diabetes, All	41205	Diagnoses - secondary ICD9	25011	Diabetes with ke	1
Diabetes, All	41203	Diagnosis - main ICD9	25019	Diabetes with ke	1
Diabetes, All	41205	Diagnoses - secondary ICD9	25019	Diabetes with ke	1
Diabetes, All	41203	Diagnosis - main ICD9	2503	Diabetes with re	1
Diabetes, All	41205	Diagnoses - secondary ICD9	2503	Diabetes with re	1
Diabetes, All	41203	Diagnosis - main ICD9	2504	Diabetes with op	1
Diabetes, All	41205	Diagnoses - secondary ICD9	2504	Diabetes with op	1
Diabetes, All	41203	Diagnosis - main ICD9	2505	Diabetes with ne	1
Diabetes, All	41205	Diagnoses - secondary ICD9	2505	Diabetes with ne	1

Diabetes, All	41203	Diagnosis - main ICD9	25099	Diabetes with un	1
Diabetes, All	41205	Diagnoses - secondary ICD9	25099	Diabetes with un	1

