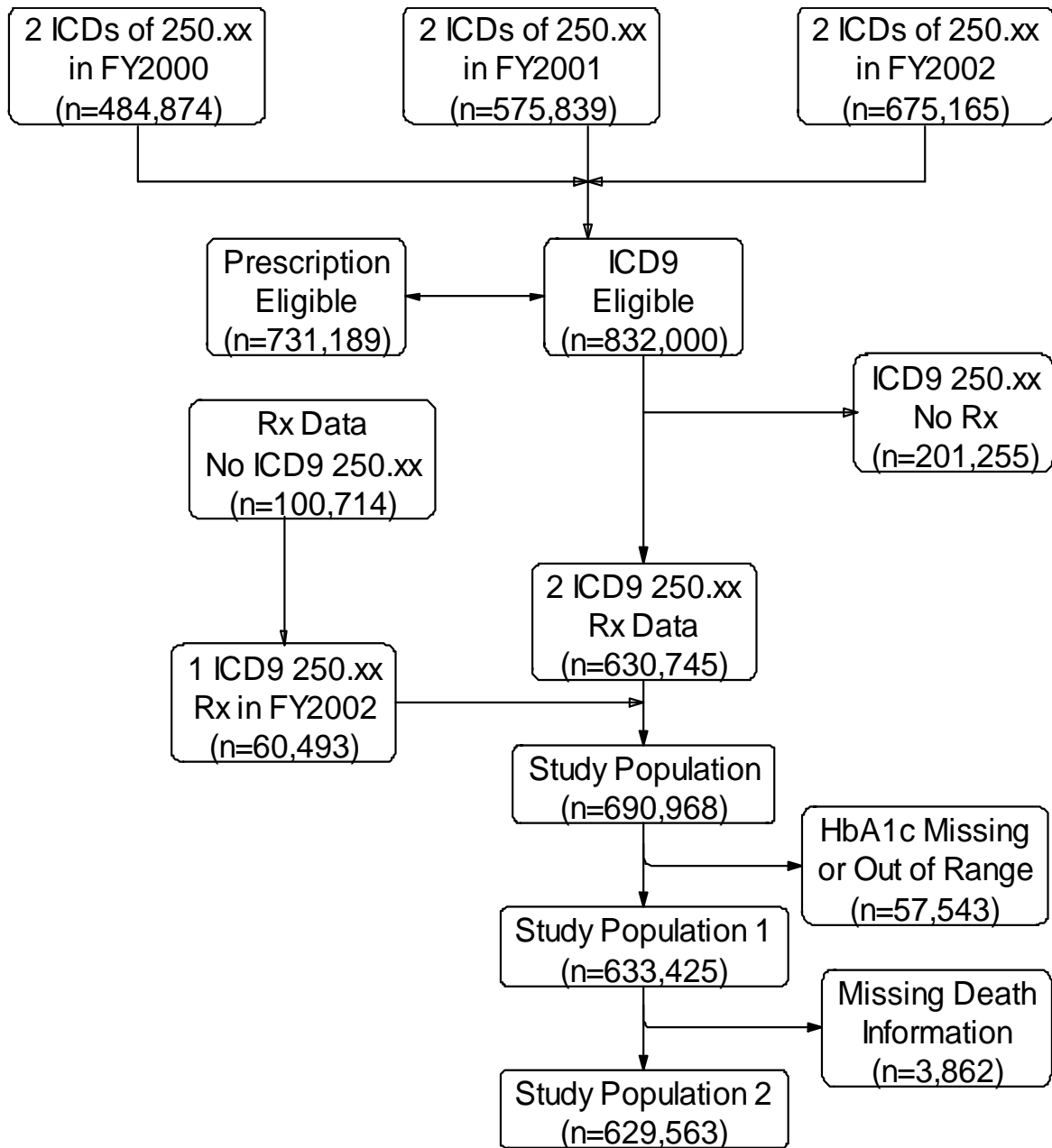


Appendix Figure 1: Algorithm for Cohort Creation



Appendix Table 1. Adjusted hazard rate ratios (and 95% CI) for all-cause mortality from a multivariate Cox model for a given difference in risk factor level stratified by race/ethnicity.

Variable	NHW		NHB		Hispanic		Other		Missing	
	HR	95% CL	HR	95% CL	HR	95% CL	HR	95% CL	HR	95% CL
MPR Quintile										
MPR: 0-49.2%	12.41	(12.08,12.75)	10.46	(9.6,11.39)	13.13	(11.52,14.97)	7.38	(5.35,10.17)	11.29	(9.68,12.26)
MPR: 49.3-68.6%	8.00	(7.78,8.22)	5.48	(5.02,5.98)	7.61	(6.66,8.7)	4.23	(3.03,5.9)	6.62	(5.65,8.64)
MPR: 68.7-83.7%	3.48	(3.38,3.59)	2.32	(2.11,2.55)	3.11	(2.69,3.58)	1.96	(1.34,2.85)	2.73	(2.3,3.74)
MPR: 83.8-94.1%	1.15	(1.11,1.19)	1.03	(0.92,1.15)	1.14	(0.96,1.35)	0.82	(0.52,1.29)	0.84	(0.68,1.28)
Highest Quintile	1.00		1.00		1.00		1.00		1.00	
Medication Class										
Oral Agents	1.00		1.00		1.00		1.00		1.00	
Insulin	1.02	(1.01,1.03)	1.05	(1.02,1.09)	1.23	(1.16,1.3)	1.25	(1.06,1.48)	1.15	(1.06,1.09)
Insulin + Oral	0.75	(0.74,0.76)	0.70	(0.68,0.73)	0.67	(0.63,0.7)	0.65	(0.55,0.77)	0.89	(0.83,0.79)
Demographics										
Male (vs. female)	1.73	(1.64,1.82)	2.27	(1.97,2.6)	2.64	(1.88,3.7)	1.50	(0.94,2.41)	2.08	(1.69,1.78)
Single (vs. married)	1.07	(1.06,1.09)	1.09	(1.06,1.13)	1.07	(1.01,1.12)	1.16	(1,1.35)	1.32	(1.24,1.12)
Rural (vs. urban)	1.05	(1.04,1.06)	1.04	(0.99,1.08)	1.00	(0.92,1.07)	1.07	(0.9,1.27)	1.16	(1.08,1.08)
Geographic Region										
Northeast	1.00		1.00		1.00		1.00		1.00	
Mid-Atlantic	1.13	(1.11,1.16)	1.10	(1.04,1.16)	0.92	(0.74,1.14)	0.83	(0.53,1.3)	1.00	(0.87,1.18)
Mid-West	1.14	(1.11,1.16)	1.19	(1.12,1.27)	1.14	(0.99,1.31)	1.03	(0.72,1.47)	1.20	(1.04,1.25)
South	1.13	(1.11,1.16)	1.13	(1.07,1.19)	1.19	(1.08,1.32)	0.89	(0.61,1.28)	1.13	(0.99,1.2)
West	1.05	(1.03,1.08)	1.05	(0.98,1.12)	1.12	(1.01,1.25)	0.96	(0.7,1.32)	1.23	(1.08,1.12)
Comorbidity (Yes vs. No)										
Substance Abuse	0.89	(0.86,0.92)	0.89	(0.84,0.94)	0.87	(0.78,0.96)	0.92	(0.69,1.23)	1.20	(1.05,0.9)
Anemia	1.32	(1.29,1.34)	1.33	(1.28,1.39)	1.39	(1.29,1.49)	1.36	(1.1,1.67)	1.76	(1.54,1.35)
Cancer	1.63	(1.6,1.66)	1.88	(1.8,1.96)	1.82	(1.68,1.96)	2.55	(2.03,3.2)	3.72	(3.27,1.69)
Cerebrovascular Dz	1.44	(1.41,1.46)	1.52	(1.46,1.58)	1.66	(1.56,1.76)	1.69	(1.41,2.03)	1.53	(1.34,1.59)

CHF	1.94	(1.91,1.97)	1.94	(1.86,2.01)	2.18	(2.04,2.33)	2.26	(1.86,2.74)	3.10	(2.77,2.03)
CVD	1.23	(1.2,1.26)	1.22	(1.14,1.3)	1.17	(1.05,1.29)	1.47	(1.11,1.94)	1.54	(1.26,1.38)
Depression	0.93	(0.91,0.95)	0.87	(0.83,0.92)	0.89	(0.83,0.96)	0.96	(0.78,1.17)	1.02	(0.93,0.99)
Hypertension	1.06	(1.05,1.08)	1.40	(1.33,1.47)	1.39	(1.29,1.49)	1.32	(1.08,1.6)	1.29	(1.2,1.01)
Hypothyroidism	1.07	(1.05,1.1)	1.12	(1.04,1.22)	1.12	(1.03,1.22)	1.35	(1.04,1.77)	1.04	(0.89,1.16)
Liver disease	1.38	(1.34,1.42)	1.36	(1.28,1.44)	1.73	(1.59,1.89)	1.61	(1.18,2.21)	2.19	(1.91,1.54)
Lung Disease	1.46	(1.44,1.48)	1.46	(1.4,1.52)	1.34	(1.25,1.43)	1.42	(1.17,1.71)	1.73	(1.56,1.57)
Fluid/Electrolyte Disorders	1.23	(1.2,1.26)	1.27	(1.21,1.33)	1.44	(1.33,1.56)	1.11	(0.88,1.41)	1.55	(1.33,1.25)
Obesity	0.80	(0.79,0.82)	0.74	(0.7,0.78)	0.76	(0.69,0.84)	0.95	(0.73,1.24)	0.92	(0.83,0.84)
Other Disease	1.22	(1.19,1.26)	1.32	(1.26,1.39)	1.29	(1.18,1.42)	1.48	(1.14,1.92)	1.56	(1.3,1.29)
Psychoses	0.96	(0.94,0.99)	1.07	(1.01,1.13)	1.12	(1.02,1.24)	1.09	(0.83,1.44)	1.31	(1.11,1.15)
PVD	1.46	(1.44,1.49)	1.48	(1.42,1.54)	1.58	(1.48,1.68)	1.38	(1.12,1.7)	1.92	(1.71,1.5)
