

SUPPLEMENTARY DATA

Supplementary Table 1. Comparison of Cardiovascular Disease (CVD) Incidence Rates by Age and Sex between the Epidemiology of Diabetes Complications Study and Background Allegheny County Population (2004-2010)

Event	Age and Sex	EDC Study Cohort (2004-2010)			Allegheny County (2004-2010)			Rate Ratio (95% CI)
		Events	Person Years	Rate per 100,000 Person Years (95% CI)	Events	Person Years	Rate per 100,000 Person Years (95% CI)	
Total CVD*	30-39	4	664	602 (192, 1447)	797	1,032,759	77 (72, 83)	7.8 (2.5, 18.9)
	Men	2	303	660 (111, 2163)	501	505,822	99 (90, 108)	6.7 (1.1, 22.0)
	Women	2	361	554 (93, 1818)	296	526,937	56 (50,63)	10.0 (1.7, 33.0)
	40-44	14	766	1828 (1044, 2976)	1,411	604,102	234 (221, 246)	7.8 (4.5, 12.8)
	Men	5	387	1292 (475, 2840)	934	291,303	321 (300, 341)	4.0 (1.5, 8.9)
	Women	9	379	2375 (1164, 4313)	477	312,799	152 (139, 166)	15.8 (7.7, 29.0)
ACC/AHA CVD†	30-39	2	664	301 (50, 992)	635	1,032,759	61 (57, 66)	4.9 (0.8, 16.3)
	Men	0	303	-	383	505,822	76 (68, 83)	-
	Women	2	361	554 (93, 1818)	252	526,937	48 (42, 54)	11.8 (2.0, 38.9)
	40-44	5	766	653 (239, 1441)	1,001	604,102	166 (155, 176)	4.6 (1.7, 10.3)
	Men	3	387	775 (197, 2095)	619	291,303	212 (196, 229)	3.7 (0.9, 10.0)
	Women	2	379	528 (88, 1732)	382	312,799	122 (110, 134)	4.3 (0.7, 14.4)
CAD‡	30-39	4	664	602 (192, 1447)	524	1,032,759	51 (46, 55)	12.1 (3.8, 29.2)
	Men	2	303	660 (111, 2163)	376	505,822	74 (67, 82)	9.1 (1.5, 30.0)
	Women	2	361	554 (93, 1818)	148	526,937	28 (24, 33)	20.0 (3.4, 66.1)
	40-44	11	766	1436 (758, 2482)	1,036	604,102	171 (161, 182)	8.4 (4.4, 14.6)
	Men	4	387	1034 (329, 2474)	768	291,303	263 (245, 282)	3.9 (1.2, 9.5)
	Women	7	379	1847 (811, 3619)	268	312,799	86 (75, 96)	21.9 (9.6, 43.3)

* Fatal coronary artery disease or stroke, nonfatal myocardial infarction, nonfatal stroke, or hospitalized coronary artery bypass graft or angioplasty

† American Heart Association/American College of Cardiology ASCVD definition (fatal coronary artery disease or stroke, nonfatal myocardial infarction, or nonfatal stroke)

‡ Coronary Artery Disease (fatal coronary artery disease, nonfatal myocardial infarction, or hospitalized coronary artery bypass graft or angioplasty)