

Supplemental Table S2. The Baseline Characteristics according to Gender

Variable	Male			Female				
	Nonsmokers (n=267,704)	Former smokers (n=303,722)	Current smokers (n=301,716)	P value	Nonsmokers (n=519,869)	Former smokers (n=6,708)	Current smokers (n=316,632)	P value
Hip fracture	1,732 (0.65)	1,538 (0.51)	1,417 (0.47)	<0.0001	7,318 (1.41)	115 (1.71)	213 (0.07)	<0.0001
Age, yr	61.13±10.53	59.47±9.94	54.84±9.43	<0.0001	61.9±9.96	59.86±10.78	58.46±9.78	<0.0001
Male sex								
BMI, kg/m ²	24.85±2.98	25±2.92	24.62±3.14	<0.0001	25.02±3.5	25.39±3.82	24.94±3.76	<0.0001
Height, cm	167.01±6.01	168.05±5.88	168.63±6.01	<0.0001	154.15±5.62	155.42±5.68	155.47±5.62	<0.0001
Weight, kg	69.97±10.05	71.13±9.96	70.82±10.88	<0.0001	60.14±9.3	61.81±10.36	61.15±10.3	<0.0001
Waist circumference, cm	86.63±7.83	87.14±7.61	86.11±7.93	<0.0001	82.49±8.78	83.68±9.4	82.98±9.43	<0.0001
Income (Q1)	47,952 (17.91)	50,149 (16.51)	59,076 (19.58)	<0.0001	120,280 (23.14)	1,953 (29.11)	4,912 (32.93)	<0.0001
Hypertension	165,314 (61.75)	184,746 (60.83)	155,086 (51.4)	<0.0001	320,296 (61.61)	3,845 (57.32)	8,073 (54.12)	<0.0001
Dyslipidemia	104,533 (39.05)	132,817 (43.73)	120,937 (40.08)	<0.0001	287,234 (55.25)	4,075 (60.75)	8,924 (59.83)	<0.0001
Heavy drinker ^a	20,979 (7.84)	40,058 (13.19)	56,181 (18.62)	<0.0001	1,895 (0.36)	170 (2.53)	810 (5.43)	<0.0001
Regular exercise ^b	72,433 (27.06)	95,289 (31.37)	63,837 (21.16)	<0.0001	101,923 (19.61)	1,452 (21.65)	2,404 (16.12)	<0.0001
Insulin use	12,336 (4.61)	13,648 (4.49)	11,158 (3.7)	<0.0001	26,660 (5.13)	465 (6.93)	820 (5.5)	<0.0001
Duration of diabetes, yr	4.44±4.02	4.24±3.96	3.58±3.84	<0.0001	4.81±3.92	4.71±3.79	4.5±3.81	<0.0001
Use of three or more oral hypoglycemic agents	26,193 (9.78)	29,209 (9.62)	30,147 (9.99)	<0.0001	56,296 (10.83)	805 (12)	1,962 (13.15)	<0.0001
Sulfonylurea	99,639 (37.22)	106,487 (35.06)	99,638 (33.02)	<0.0001	210,017 (40.4)	2,632 (39.24)	6,038 (40.48)	0.1521
Metformin	134,238 (50.14)	155,400 (51.17)	140,113 (46.44)	<0.0001	303,932 (58.46)	4,134 (61.63)	9,024 (60.5)	<0.0001
Meglitinides	2,142 (0.8)	2,430 (0.8)	1,614 (0.53)	<0.0001	4,074 (0.78)	63 (0.94)	87 (0.58)	0.0077
Thiazolidinedione	10,446 (3.9)	12,242 (4.03)	10,909 (3.62)	<0.0001	20,885 (4.02)	299 (4.46)	618 (4.14)	0.1451
Dipeptidyl peptidase-4 inhibitor	39,136 (14.62)	49,277 (16.22)	45,534 (15.09)	<0.0001	89,679 (17.25)	1,405 (20.95)	3,032 (20.33)	<0.0001
Alpha-glucosidase inhibitor	18,511 (6.91)	18,907 (6.23)	16,995 (5.63)	<0.0001	38,557 (7.42)	458 (6.83)	1,092 (7.32)	0.1725
SBP, mm Hg	129.16±14.98	128.48±14.49	126.88±14.71	<0.0001	127.8±15.69	124.93±15.45	123.19±15.29	<0.0001
DBP, mm Hg	78.84±9.88	78.74±9.75	78.78±9.95	0.0006	76.99±9.76	75.62±9.9	75.35±9.86	<0.0001
Fasting plasma glucose, mg/dL	133.89±44.02	133.28±41.83	138.39±50.36	<0.0001	131.18±42.14	133.37±43.53	135.33±46.71	<0.0001
eGFR, mL/min/1.73 m ²	85.21±43.54	85.95±46.69	90.82±45.6	<0.0001	84.84±29.78	85.8±34.8	87.42±29.56	<0.0001
Total cholesterol, mg/dL	182.92±38.9	183.86±39.44	189.65±40.33	<0.0001	191.87±41.13	190.95±41.71	195.71±43.5	<0.0001
HDL-C, mg/dL	49.42±15.33	49.72±14.5	49.03±15.24	<0.0001	52.97±14.58	53.07±16.64	52.65±16.6	0.0261
LDL-C, mg/dL	103.93±35.34	103.35±35.66	105.38±38.09	<0.0001	110.25±37.38	107.73±38.52	110.22±39.19	<0.0001

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Supplemental Table S2. Continued

Variable	Male			Female			
	Nonsmokers (n=267,704)	Former smokers (n=303,722)	Current smokers (n=301,716)	Nonsmokers (n=519,869)	Former smokers (n=6,708)	Current smokers (n=316,632)	P value
AST	26.11 (26.07–26.15)	26.53 (26.49–26.56)	26.1 (26.06–26.14)	23.91 (23.88–23.93)	24.53 (24.28–24.78)	23.84 (23.67–24.01)	<0.0001
ALT	25.99 (25.94–26.05)	26.77 (26.71–26.82)	26.62 (26.56–26.67)	22.02 (21.99–22.05)	22.83 (22.53–23.13)	22.45 (22.25–22.65)	<0.0001
rGTP, mg/dL	36.36 (36.26–36.47)	39.58 (39.48–39.69)	49.24 (49.1–49.38)	23.31 (23.28–23.35)	27.11 (26.68–27.55)	31.06 (30.71–31.42)	<0.0001
Triglyceride, mg/dL	129.1 (128.83–129.37)	134.82 (134.55–135.08)	156.39 (156.07–156.71)	126.03 (125.85–126.2)	133.85 (132.2–135.52)	146.24 (145.03–147.46)	<0.0001

Values are expressed as number (%), mean \pm standard deviation, or geometric mean (95% confidence interval).

BMI, body mass index; SBP, systolic blood pressure; DBP, diastolic blood pressure; eGFR, estimated glomerular filtration rate; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol; AST, aspartate transaminase; ALT, alanine transaminase; rGTP, gamma-glutamyltranspeptidase.

^aDefined as a person who drinks more than 30 g of alcohol a day on average; ^bDefined as high-intensity exercise on more than 3 days a week for at least 20 minutes at a time or moderate-intensity exercise on more than 5 days a week for at least 30 minutes at a time.