

Table S1. Characteristics of the 2007-2008 Canadian Community Health Survey sample.

	Frequency (95% CI) or Mean (SD)		<i>p</i> -value ^a
	<u>Total Sample</u> (n = 34,010)	<u>Depressed</u> (n = 2,207)	
Age (Years)			<.0001
18-19	2.46 (2.29, 2.62)	3.49 (2.71, 4.28)	
20-24	8.23 (7.94, 8.52)	8.47 (7.27, 9.66)	
25-29	9.26 (8.96, 9.57)	14.08 (12.59, 15.57)	
30-34	9.31 (9.00, 9.62)	10.92 (9.58, 12.26)	
35-39	9.11 (8.80, 9.41)	8.61 (7.40, 9.81)	
40-44	10.16 (9.84, 10.49)	11.83 (10.44, 13.21)	
45-49	10.94 (10.61, 11.28)	12.63 (11.21, 14.06)	
50-54	10.51 (10.18, 10.83)	11.66 (10.28, 13.04)	
55-59	8.75 (8.45, 9.06)	8.19 (7.02, 9.37)	
60-64	6.79 (6.52, 7.06)	5.07 (4.13, 6.02)	
65-69	5.10 (4.87, 5.34)	2.13 (1.51, 2.75)	
70-74	3.98 (3.77, 4.19)	1.36 (0.87, 1.86)	
75-79	2.90 (2.72, 3.08)	0.82 (0.43, 1.21)	
80+	2.49 (2.32, 2.65)	0.73 (0.37, 1.10)	
Sex			<.0001
Male	51.25 (50.72, 51.78)	35.98 (33.92, 38.05)	
Female	48.75 (48.22, 49.28)	64.02 (61.95, 66.08)	
Ethnicity			.68
White	89.08 (88.75, 89.41)	89.35 (88.03, 90.68)	
Visible Minority	10.92 (10.59, 11.25)	10.65 (9.32, 11.97)	
Marital Status			<.0001
Married/Common-Law	64.73 (64.23, 65.24)	47.40 (45.26, 49.55)	
Widowed/Separated/Divorced	13.11 (12.75, 13.47)	19.05 (17.36, 20.73)	
Single	22.15 (21.71, 22.60)	33.55 (31.52, 35.57)	
Income (\$)			<.0001
<20,000	9.50 (9.19, 9.81)	16.16 (14.58, 17.73)	
20,000-39,999	20.06 (19.63, 20.49)	23.52 (21.70, 25.34)	
40,000-59,999	19.06 (18.64, 19.48)	18.87 (17.19, 20.55)	
60,000-79,999	16.13 (15.74, 16.52)	15.36 (13.81, 16.91)	
≥ 80,000	35.25 (34.74, 35.75)	26.10 (24.21, 27.98)	
Education			<.0001
< Secondary	16.47 (16.07, 16.86)	15.08 (13.55, 16.62)	
Secondary	13.84 (13.47, 14.21)	14.82 (13.30, 16.35)	
Some post-secondary	7.91 (7.63, 8.20)	8.70 (7.49, 9.91)	
Post-secondary	61.78 (61.26, 62.30)	61.40 (59.31, 63.49)	
Presence of Chronic Physical Illness	33.60 (33.10, 34.11)	42.68 (40.55, 44.80)	<.0001
Body Mass Index (kg/m ²)	25.96 (4.94)	26.33 (5.86)	.005

SD = standard deviation. ^a Statistical significance value from Chi-square test of independence or two sample t-test between depressive status and demographic characteristic.

Table S2. Characteristics of the 2009-2010 Canadian Community Health Survey sample.

	Frequency (95% CI) or Mean (SD)		<i>p</i> -value ^a
	<u>Total Sample</u>	<u>Depressed</u>	
	(n = 11,653)	(n = 999)	
Age (Years)			<.0001
18-19	1.97 (1.72, 2.22)	3.37 (2.23, 4.50)	
20-24	7.81 (7.33, 8.30)	8.87 (7.08, 10.66)	
25-29	8.96 (8.44, 9.48)	12.43 (10.35, 14.50)	
30-34	8.25 (7.75, 8.75)	7.55 (5.89, 9.21)	
35-39	8.97 (8.45, 9.49)	10.17 (8.27, 12.07)	
40-44	10.13 (9.58, 10.68)	14.91 (12.67, 17.15)	
45-49	11.09 (10.52, 11.66)	10.57 (8.64, 12.51)	
50-54	10.59 (10.03, 11.15)	11.52 (9.51, 13.52)	
55-59	9.03 (8.51, 9.55)	9.89 (8.02, 11.77)	
60-64	7.16 (6.69, 7.62)	3.30 (2.18, 4.42)	
65-69	5.74 (5.32, 6.16)	3.46 (2.31, 4.61)	
70-74	4.11 (3.75, 4.48)	1.89 (1.03, 2.74)	
75-79	3.01 (2.70, 3.33)	1.14 (0.47, 1.80)	
80+	3.16 (2.84, 3.48)	0.95 (0.34, 1.56)	
Sex			<.0001
Male	51.28 (50.37, 52.18)	43.13 (40.02, 46.62)	
Female	48.72 (47.82, 49.63)	56.87 (53.76, 59.98)	
Ethnicity			<.0001
White	77.99 (77.23, 78.74)	83.64 (81.31, 85.96)	
Visible Minority	22.01 (21.26, 22.77)	16.36 (14.04, 18.69)	
Marital Status			<.0001
Married/Common-Law	65.36 (64.49, 66.22)	48.29 (45.15, 51.43)	
Widowed/Separated/Divorced	13.75 (13.13, 14.38)	21.80 (19.21, 24.40)	
Single	20.89 (20.15, 21.63)	29.91 (27.03, 32.78)	
Income (\$)			<.0001
<20,000	9.06 (8.54, 9.58)	15.67 (13.38, 17.95)	
20,000-39,999	17.98 (17.28, 18.68)	21.67 (19.08, 24.26)	
40,000-59,999	17.74 (17.05, 18.44)	17.75 (15.35, 20.15)	
60,000-79,999	16.24 (15.57, 16.91)	15.45 (13.18, 17.72)	
≥ 80,000	38.98 (38.09, 39.86)	29.46 (26.59, 32.32)	
Education			<.0001
< Secondary	10.23 (9.68, 10.78)	11.21 (9.23, 13.19)	
Secondary	16.20 (15.53, 16.87)	15.65 (13.37, 17.94)	
Some post-secondary	10.16 (9.61, 10.71)	14.47 (12.26, 16.68)	
Post-secondary	63.40 (62.53, 64.28)	58.67 (55.57, 61.76)	
Presence of Chronic Physical Illness	33.21 (32.36, 34.07)	47.99 (44.85, 51.13)	<.0001
Body Mass Index (kg/m ²)	25.45 (4.51)	25.77 (5.50)	.08

CI = confidence interval, SD = standard deviation. ^a Statistical significance value from Chi-square test of independence or two sample t-test between depressive status and demographic characteristic.

Table S3. Characteristics of the 2011-2012 Canadian Community Health Survey sample.

	Frequency (95% CI) or Mean (SD)		<i>p</i> -value ^a
	<u>Total Sample</u> (n = 8,217)	<u>Depressed</u> (n = 612)	
Age (Years)			<.0001
18-19	2.40 (2.07, 2.73)	4.17 (2.70, 5.64)	
20-24	7.76 (7.18, 8.34)	15.49 (12.82, 18.15)	
25-29	7.65 (7.07, 8.22)	9.84 (7.65, 12.03)	
30-34	6.88 (6.33, 7.43)	7.30 (5.39, 9.22)	
35-39	7.31 (6.75, 7.87)	8.61 (6.54, 10.67)	
40-44	9.00 (8.38, 9.62)	6.22 (4.44, 8.00)	
45-49	9.75 (9.10, 10.39)	11.66 (9.30, 14.02)	
50-54	9.98 (9.33, 10.62)	13.19 (10.70, 15.68)	
55-59	11.05 (10.37, 11.72)	9.46 (7.31, 11.61)	
60-64	9.28 (8.65, 9.90)	6.58 (4.76, 8.41)	
65-69	7.54 (6.97, 8.11)	3.18 (1.89, 4.47)	
70-74	5.04 (4.57, 5.52)	2.32 (1.21, 3.43)	
75-79	3.17 (2.79, 3.55)	0.94 (0.23, 1.65)	
80+	3.21 (2.83, 3.59)	1.04 (0.29, 1.79)	
Sex			<.0001
Male	48.63 (47.55, 49.71)	40.24 (36.63, 43.85)	
Female	51.73 (50.29, 52.45)	59.76 (56.15, 63.37)	
Ethnicity			<.0001
White	91.37 (90.76, 91.97)	86.50 (83.99, 89.02)	
Visible Minority	8.63 (8.03, 9.24)	13.50 (10.98, 16.01)	
Marital Status			<.0001
Married/Common-Law	64.99 (63.96, 66.02)	47.03 (43.35, 50.70)	
Widowed/Separated/Divorced	13.55 (12.81, 14.29)	19.13 (16.24, 22.03)	
Single	21.46 (20.58, 22.35)	33.84 (30.36, 37.32)	
Income (\$)			<.0001
<20,000	9.38 (8.75, 10.01)	17.76 (14.95, 20.57)	
20,000-39,999	20.05 (19.18, 20.91)	20.02 (17.08, 22.97)	
40,000-59,999	19.63 (18.77, 20.49)	21.89 (18.84, 24.93)	
60,000-79,999	16.43 (15.62, 17.23)	15.80 (13.11, 18.48)	
≥ 80,000	34.52 (33.49, 35.55)	24.53 (21.36, 27.70)	
Education			.08
< Secondary	16.78 (15.97, 17.59)	19.95 (17.01, 22.90)	
Secondary	18.08 (17.25, 18.91)	16.20 (13.49, 18.91)	
Some post-secondary	4.01 (3.59, 4.44)	4.42 (2.90, 5.93)	
Post-secondary	61.13 (60.07, 62.18)	59.43 (55.81, 63.04)	
Presence of Chronic Physical Illness	43.92 (42.84, 44.99)	53.93 (50.26, 57.60)	<.0001
Body Mass Index (kg/m ²)	27.24 (5.21)	28.13 (7.24)	.0046

CI = confidence interval, SD = standard deviation. ^a Statistical significance value from Chi-square test of independence or two sample t-test between depressive status and demographic characteristic.

Table S4. Characteristics of the 2013-2014 Canadian Community Health Survey sample.

	Frequency (95% CI) or Mean (SD)		<i>p</i> -value
	<u>Total Sample</u> (n = 11,921)	<u>Depressed</u> (n = 934)	
Age (Years)			<.0001
18-19	3.17 (2.86, 3.49)	4.31 (3.07, 5.54)	
20-24	8.22 (7.73, 8.72)	12.97 (10.92, 15.03)	
25-29	9.08 (8.57, 9.60)	11.90 (9.93, 13.88)	
30-34	7.19 (6.73, 7.66)	8.38 (6.68, 10.07)	
35-39	7.81 (7.33, 8.29)	10.82 (8.93, 12.72)	
40-44	8.33 (7.83, 8.82)	6.66 (5.14, 8.19)	
45-49	7.33 (6.86, 7.80)	9.46 (7.67, 11.25)	
50-54	9.52 (9.00, 10.05)	7.36 (5.77, 8.96)	
55-59	10.97 (10.41, 11.53)	10.96 (9.05, 12.86)	
60-64	8.81 (8.30, 9.32)	7.73 (6.10, 9.36)	
65-69	7.14 (6.68, 7.60)	5.14 (3.79, 6.48)	
70-74	4.78 (4.40, 5.16)	2.13 (1.25, 3.01)	
75-79	3.41 (3.08, 3.73)	1.45 (0.72, 2.18)	
80+	4.23 (3.18, 5.28)	0.73 (0.00, 2.23)	
Sex			<.0001
Male	49.55 (48.65, 50.45)	35.99 (33.06, 38.92)	
Female	50.45 (49.55, 51.35)	64.01 (61.08, 66.94)	
Ethnicity			.49
White	83.69 (83.02, 84.35)	84.45 (82.24, 86.67)	
Visible Minority	16.31 (15.65, 16.98)	15.55 (13.33, 17.76)	
Marital Status			<.0001
Married/Common-Law	62.54 (61.67, 63.41)	45.27 (42.24, 48.31)	
Widowed/Separated/Divorced	13.01 (12.41, 13.62)	17.42 (15.10, 19.73)	
Single	24.45 (23.68, 25.22)	37.31 (34.36, 40.26)	
Income (\$)			<.0001
<20,000	7.67 (7.19, 8.14)	14.08 (11.96, 16.21)	
20,000-39,999	17.83 (17.15, 18.52)	23.12 (20.55, 25.69)	
40,000-59,999	17.69 (17.00, 18.37)	15.69 (13.47, 17.91)	
60,000-79,999	16.82 (16.15, 17.42)	16.90 (14.61, 19.18)	
≥ 80,000	40.00 (39.15, 40.88)	30.21 (27.40, 33.01)	
Education			<.0001
< Secondary	14.26 (13.63, 14.89)	11.55 (9.60, 13.50)	
Secondary	21.83 (21.09, 22.57)	23.83 (21.23, 26.43)	
Some post-secondary	6.14 (5.71, 6.57)	7.02 (5.46, 8.58)	
Post-secondary	57.78 (56.89, 58.66)	57.60 (54.58, 60.62)	
Presence of Chronic Physical Illness	42.64 (41.75, 43.52)	52.74 (49.69, 55.79)	<.0001
Body Mass Index (kg/m ²)	27.24 (5.62)	27.93 (7.00)	.0024

CI = confidence interval, SD = standard deviation. ^a Statistical significance value from Chi-square test of independence or two sample t-test between depressive status and demographic characteristic.

Table S5. Characteristics of respondents included and excluded from analysis (2007-2008 sample).

	Frequency (95% CI) or Mean (SD)		<i>p</i> -value ^a
	<u>Included</u> (n = 34,010)	<u>Excluded</u> (n = 2,706)	
Age (Years)			<.0001
18-19	2.46 (2.29, 2.62)	2.22 (1.33, 3.11)	
20-24	8.23 (7.94, 8.52)	6.38 (4.91, 7.84)	
25-29	9.26 (8.96, 9.57)	5.36 (4.01, 6.72)	
30-34	9.31 (9.00, 9.62)	7.90 (6.28, 9.52)	
35-39	9.11 (8.80, 9.41)	9.43 (7.68, 11.19)	
40-44	10.16 (9.84, 10.49)	9.09 (7.36, 10.82)	
45-49	10.94 (10.61, 11.28)	11.66 (9.73,13.59)	
50-54	10.51 (10.18, 10.83)	8.17 (6.53, 9.82)	
55-59	8.75 (8.45, 9.06)	6.90 (5.37, 8.42)	
60-64	6.79 (6.52, 7.06)	8.93 (7.21, 10.64)	
65-69	5.10 (4.87, 5.34)	5.16 (3.83, 6.49)	
70-74	3.98 (3.77, 4.19)	5.62 (4.23, 7.00)	
75-79	2.90 (2.72, 3.08)	6.62 (5.12, 8.12)	
80+	2.49 (2.32, 2.65)	6.56 (5.07, 8.05)	
Sex			.09
Male	51.25 (50.72, 51.78)	52.59 (49.59, 55.59)	
Female	48.75 (48.22, 49.28)	47.41 (44.41, 50.41)	
Ethnicity			<.0001
White	89.08 (88.75, 89.41)	79.55 (75.16, 83.94)	
Visible Minority	10.92 (10.59, 11.25)	20.45 (16.06, 24.84)	
Marital Status			<.0001
Married/Common-Law	64.73 (64.23, 65.24)	58.25 (55.28, 61.22)	
Widowed/Separated/Divorced	13.11 (12.75, 13.47)	18.87 (16.51, 21.23)	
Single	22.15 (21.71, 22.60)	22.88 (20.35, 25.41)	
Income (\$)			<.0001
<20,000	9.50 (9.19, 9.81)	20.27 (14.48, 26.07)	
20,000-39,999	20.06 (19.63, 20.49)	24.26 (18.08, 30.44)	
40,000-59,999	19.06 (18.64, 19.48)	18.36 (12.78, 23.94)	
60,000-79,999	16.13 (15.74, 16.52)	11.07 (6.55, 15.59)	
≥ 80,000	35.25 (34.74, 35.75)	26.04 (19.71, 32.36)	
Education			<.0001
< Secondary	16.47 (16.07, 16.86)	27.28 (22.27, 32.30)	
Secondary	13.84 (13.47, 14.21)	14.24 (10.31, 18.17)	
Some post-secondary	7.91 (7.63, 8.20)	5.00 (2.55, 7.45)	
Post-secondary	61.78 (61.26, 62.30)	53.48 (47.86, 59.09)	
Presence of Chronic Physical Illness	33.60 (33.10, 34.11)	40.06 (37.11, 43.00)	<.0001
Body Mass Index (kg/m ²)	25.96 (4.94)	25.77 (5.11)	.38

CI = confidence interval, SD = standard deviation. ^a Statistical significance value from Chi-square test of independence or two sample t-test between depressive status and demographic characteristic.

Table S6. Unadjusted and adjusted odds ratios (ORs) for associations between depression and measures of health behaviour change (2007-2014)

Year	Recent Health Behaviour Change		Desire to Make Health Behaviour Changes		Barriers to Health Behaviour Change	
	Crude OR (95% CI)	Adjusted OR (95% CI)	Crude OR (95% CI)	Adjusted OR (95% CI)	Crude OR (95% CI)	Adjusted OR (95% CI)
2007-2008	1.62 (1.47, 1.78)	1.39 (1.26, 1.53)	1.53 (1.38, 1.70)	1.38 (1.24, 1.55)	1.54 (1.39, 1.71)	1.45 (1.31, 1.62)
2009-2010	1.44 (1.25, 1.65)	1.20 (1.03, 1.38)	2.48 (2.08, 2.96)	2.20 (1.83, 2.64)	1.62 (1.39, 1.87)	1.55 (1.33, 1.80)
2011-2012	1.38 (1.17, 1.63)	1.22 (1.03, 1.45)	2.58 (2.04, 3.26)	2.25 (1.77, 2.88)	1.99 (1.68, 2.37)	1.88 (1.57, 2.24)
2013-2014	2.20 (1.91, 2.54)	1.79 (1.54, 2.08)	1.68 (1.42, 1.98)	1.49 (1.25, 1.76)	1.67 (1.45, 1.93)	1.49 (1.29, 1.74)
Pooled	1.63 (1.35, 1.97)	1.39 (1.30, 1.48)	1.80 (1.67, 1.94)	1.61 (1.49, 1.74)	1.65 (1.54, 1.76)	1.54 (1.44, 1.65)

CI = confidence interval. All analyses are weighted. Adjusted covariates include age, gender, ethnicity, marital status, annual household income, educational attainment, continuous body mass index, and presence of a chronic physical illness.

Table S7. Prevalence estimates of most important changes made in previous year by depressive status (2007-2008)

	Depressed (95% CI) ^a	Non-depressed (95% CI) ^b	<i>p</i> -value ^a
Exercised	42.14 (39.59, 44.69)	51.21 (50.48, 51.94)	<.0001
Lost weight	9.50 (7.99, 11.01)	10.67 (10.22, 11.12)	.17
Changed eating habits	13.22 (11.48, 14.96)	17.23 (16.68, 17.78)	<.0001
Reduced/quit smoking	8.70 (7.25, 10.15)	6.83 (6.46, 7.20)	.01
Reduced alcohol	1.14 (0.59, 1.69)	0.91 (0.77, 1.05)	.39
Reduced stress	3.94 (2.94, 4.94)	1.63 (1.45, 1.81)	<.0001
Received medical treatment	10.56 (8.97, 12.15)	5.32 (4.99, 5.65)	<.0001
Took vitamins	1.22 (0.65, 1.79)	1.14 (0.98, 1.30)	.65
Other	9.59 (8.06, 11.12)	5.06 (4.75, 5.37)	<.0001

All estimates are weighted to the Canadian population. ^a n = 2,207. ^b n = 31,803. ^c Statistical significance value from Chi-square test of independence between depressive status and type of health behaviour change.

Table S8. Prevalence estimates of most important changes needed to improve physical health by depressive status (2007-2008)

	Depressed (95% CI) ^a	Non-depressed (95% CI) ^b	<i>p</i> -value ^a
Increase exercise	41.67 (39.26, 44.08)	52.22 (51.55, 52.89)	<.0001
Lose weight	8.40 (7.05, 9.75)	8.89 (8.52, 9.26)	.50
Change eating habits	13.11 (11.46, 14.76)	16.83 (16.34, 17.32)	.0001
Reduce/quit smoking	22.39 (20.35, 24.43)	14.01 (13.56, 14.46)	<.0001
Reduce alcohol	0.75 (0.32, 1.18)	0.72 (0.60, 0.84)	<.0001
Reduce stress	4.35 (3.35, 5.35)	2.66 (2.44, 2.88)	<.0001
Receive medical treatment	2.43 (1.69, 3.17)	1.12 (0.98, 1.26)	<.0001
Take vitamins	0.08 (0.00, 0.22)	0.16 (0.10, 0.22)	.50
Other	6.82 (5.59, 8.05)	3.38 (3.14, 3.62)	<.0001

All estimates are weighted to the Canadian population. ^a n = 2,193. ^b n = 31,625. ^c Statistical significance value from Chi-square test of independence between depressive status and type of health behaviour change.

Table S9. Prevalence estimates of types of barriers to change by depressive status (2007-2008)

	Depressed (95% CI) ^a	Non-depressed (95% CI) ^b	<i>p</i> -value ^c
Lack willpower	33.20 (30.30, 36.10)	34.83 (33.95, 35.71)	.30
Family responsibilities	9.02 (7.26, 10.78)	13.58 (12.95, 14.21)	<.0001
Work schedule	16.48 (14.19, 18.77)	23.54 (22.76, 24.32)	<.0001
Addiction	2.44 (1.48, 3.40)	0.89 (0.71, 1.07)	<.0001
Physical condition	5.92 (4.47, 7.37)	2.23 (1.96, 2.50)	<.0001
Disabled	7.61 (5.96, 9.26)	4.53 (4.16, 4.90)	<.0001
Stressed	10.32 (8.44, 12.20)	4.19 (3.82, 4.56)	<.0001
Financial constraints	6.34 (4.83, 7.85)	4.01 (3.66, 4.36)	.0004
Not available in area	0.86 (0.29, 1.43)	0.79 (0.63, 0.95)	.83
Transportation problems	0.58 (0.11, 1.05)	0.42 (0.30, 0.54)	.46
Weather problems	2.05 (1.17, 2.93)	1.51 (1.29, 1.73)	.18
Other	20.92 (18.41, 23.43)	21.97 (21.21, 22.73)	.44

All estimates are weighted to the Canadian population. ^a n = 1,667 ^b n = 20,742. ^c Statistical significance value from Chi-square test of independence between depressive status and type of barrier reported.

STROBE Statement—Checklist of items that should be included in reports of *cross-sectional studies*

Title: Associations between Depression and Health Behaviour Change: Findings from Eight Cycles of the Canadian Community Health Survey

Authors: ZM Clayborne, I Colman; School of Epidemiology and Public Health, University of Ottawa

Journal: The Canadian Journal of Psychiatry

	Item No	Recommendation	Completed (Yes/No), page #
Title and abstract	1	(a) Indicate the study's design with a commonly used term in the title or the abstract	Yes, Abstract p. 2
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	Yes, Abstract p. 2
Introduction			
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	Yes, p. 4-5
Objectives	3	State specific objectives, including any prespecified hypotheses	Yes, p. 5-6
Methods			
Study design	4	Present key elements of study design early in the paper	Yes, p. 6-7
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Yes, p. 6-7 (Methods – Participants)
Participants	6	(a) Give the eligibility criteria, and the sources and methods of selection of participants	Yes, p. 6-7 (Methods – Participants)
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	Yes, p. 7-9 (Methods – Measures)
Data sources/measurement	8*	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group	Yes, p. 7-9 (Methods – Measures)
Bias	9	Describe any efforts to address potential sources of bias	Yes, p. 11 (sensitivity analysis)
Study size	10	Explain how the study size was arrived at	Yes, p. 6-7 (Methods – Participants)
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	Yes, p. 9-11 (Methods – Statistical Analyses)
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding	Yes, p. 9-10
		(b) Describe any methods used to examine subgroups and interactions	Yes, p. 10
		(c) Explain how missing data were addressed	Yes, p. 9-10 (complete case analysis)

		(d) If applicable, describe analytical methods taking account of sampling strategy	Yes, p. 10 (sampling weights)
		(e) Describe any sensitivity analyses	Yes, p. 10
Results			
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed	Yes, p. 11, table S4
		(b) Give reasons for non-participation at each stage	N/A
		(c) Consider use of a flow diagram	N/A
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	Yes, p. 11; Tables 1, S1-S3 (exposed, full sample)
		(b) Indicate number of participants with missing data for each variable of interest	Table S4 (description of ineligible)
Outcome data	15*	Report numbers of outcome events or summary measures	Yes, p. 12
Main results	16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included	Yes, p. 12-14, Tables 2-4, Tables S5-S8
		(b) Report category boundaries when continuous variables were categorized	Yes (for exposure, methods), p. 7
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	N/A
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	Yes, p. 12
Discussion			
Key results	18	Summarise key results with reference to study objectives	Yes, p. 14-15
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	Yes, p. 18-19
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	Yes, p. 15-18
Generalisability	21	Discuss the generalisability (external validity) of the study results	Yes, p. 17-19
Other information			
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based	Yes, p. 21-22 (under “Funding”)