

**ADDITIONAL FILE 7 Absolute change in cardiovascular risk factors in men aged  $\geq 55$  years, by deprivation quintiles (1/2)**

		<b>England</b>	<b>Q1 Most affluent</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q5 Most deprived</b>
<b>Cigarette Smoking (%)</b>	1994	<b>19.9</b> (18.3 to 21.6)	12.1 (9.3 to 14.9)	15.5 (12.3 to 18.6)	18.8 (15.3 to 22.3)	22.1 (18.2 to 26.1)	33.4 (28.7 to 38.0)
	2008	<b>15.0</b> (13.5 to 16.4)	6.5 (4.6 to 8.4)	11.1 (8.4 to 13.7)	11.4 (8.5 to 14.3)	19.8 (15.9 to 23.7)	27.5 (23.3 to 31.7)
	<i>Change from 1994</i>	<b>-4.9</b> (-7.1 to -2.7)	-5.6 (-9.0 to -2.2)	-4.4 (-8.5 to -0.3)	-7.4 (-12.0 to -2.9)	-2.3 (-7.9 to 3.2)	-5.8 (-12.1 to 0.4)
	<i>P-value</i>	<b>(&lt;0.000)</b>	(0.001)	(0.034)	(0.001)	(0.411)	(0.067)
<b>BMI (kg/m<sup>2</sup>)</b>	1994	<b>26.9</b> (26.8 to 27.1)	26.8 (26.4 to 27.2)	26.9 (26.5 to 27.2)	26.9 (26.6 to 27.2)	27.2 (26.8 to 27.6)	26.9 (26.5 to 27.3)
	2008	<b>28.4</b> (28.2 to 28.6)	28.1 (27.7 to 28.4)	28.7 (28.3 to 29.1)	28.5 (28.1 to 28.9)	28.3 (27.8 to 28.8)	28.4 (27.9 to 29.0)
	<i>Change from 1994</i>	<b>1.5</b> (1.2 to 1.7)	1.3 (0.8 to 1.8)	1.9 (1.3 to 2.4)	1.6 (1.1 to 2.1)	1.1 (0.4 to 1.7)	1.5 (0.8 to 2.2)
	<i>P-value</i>	<b>(&lt;0.000)</b>	(<0.000)	(<0.000)	(<0.000)	(0.001)	(<0.000)
<b>Obesity (%)</b>	1994	<b>17.3</b> (15.7 to 18.8)	15.4 (11.8 to 18.9)	15.6 (12.2 to 19.0)	16.7 (13.3 to 20.0)	19.8 (15.9 to 23.7)	19.5 (15.4 to 23.6)
	2008	<b>31.8</b> (29.8 to 33.8)	27.5 (23.8 to 31.1)	32.9 (28.6 to 37.1)	32.5 (28.3 to 36.7)	32.2 (27.2 to 37.1)	34.4 (29.0 to 39.8)
	<i>Change from 1994</i>	<b>14.5</b> (12.0 to 17.0)	12.1 (7.0 to 17.2)	17.3 (11.9 to 22.7)	15.9 (10.5 to 21.2)	12.4 (6.1 to 18.6)	14.9 (8.1 to 21.7)
	<i>P-value</i>	<b>(&lt;0.000)</b>	(<0.000)	(<0.000)	(<0.000)	(<0.000)	(<0.000)
<b>Diabetes (%)</b>	1994	<b>6.4</b> (5.4 to 7.4)	7.0 (5.0 to 9.1)	4.5 (2.6 to 6.3)	5.4 (3.4 to 7.3)	7.6 (5.1 to 10.1)	8.0 (5.2 to 10.8)
	2006	<b>12.0</b> (10.3 to 13.6)	10.2 (7.1 to 13.2)	10.6 (7.3 to 13.8)	10.9 (8.1 to 13.7)	11.3 (7.5 to 15.2)	17.4 (12.4 to 22.4)
	<i>Change from 1994</i>	<b>5.5</b> (3.6 to 7.4)	3.1 (-0.6 to 6.8)	6.1 (2.4 to 9.8)	5.6 (2.1 to 9.0)	3.7 (-0.8 to 8.3)	9.4 (3.7 to 15.1)
	<i>P-value</i>	<b>(&lt;0.000)</b>	(0.100)	(0.001)	(0.002)	(0.110)	(0.001)
<b>High physical activity (%)</b>	1998	<b>13.7</b> (12.3 to 15.2)	15.3 (12.0 to 18.6)	15.7 (12.3 to 19.0)	13.1 (9.8 to 16.3)	14.3 (11.2 to 17.4)	9.8 (6.9 to 12.8)
	2008	<b>17.9</b> (16.4 to 19.5)	21.0 (17.9 to 24.1)	20.7 (16.9 to 24.6)	19.1 (15.9 to 22.4)	16.2 (12.3 to 20.1)	12.1 (9.0 to 15.3)
	<i>Change from 1998</i>	<b>4.2</b> (2.1 to 6.3)	5.7 (1.2 to 10.2)	5.1 (0.0 to 10.2)	6.0 (1.5 to 10.6)	1.9 (-3.1 to 6.9)	2.3 (-2.0 to 6.6)
	<i>P-value</i>	<b>(&lt;0.000)</b>	(0.013)	(0.052)	(0.010)	(0.454)	(0.298)
<b>SBP (mmHg)</b>	1994	<b>143.1</b> (142.2 to 143.9)	143.0 (141.2 to 144.8)	142.2 (140.5 to 143.9)	142.5 (140.7 to 144.2)	143.0 (141.1 to 144.9)	145.1 (143.1 to 147.2)
	2008	<b>135.5</b> (134.7 to 136.4)	135.1 (133.5 to 136.6)	135.5 (133.7 to 137.3)	135.3 (133.5 to 137.2)	135.9 (133.8 to 138.0)	136.1 (133.8 to 138.4)
	<i>Change from 1994</i>	<b>-7.5</b> (-8.7 to -6.3)	-7.9 (-10.3 to -5.5)	-6.7 (-9.2 to -4.3)	-7.1 (-9.7 to -4.6)	-7.1 (-10.0 to -4.3)	-9.0 (-12.1 to -5.9)
	<i>P-value</i>	<b>(&lt;0.000)</b>	(<0.000)	(<0.000)	(<0.000)	(<0.000)	(<0.000)
<b>SBP <math>\geq 140</math> mmHg (%)</b>	1994	<b>51.8</b> (49.4 to 54.1)	52.9 (48.2 to 57.6)	48.9 (44.1 to 53.7)	48.6 (43.6 to 53.6)	53.4 (48.0 to 58.7)	56.2 (50.9 to 61.6)
	2008	<b>37.4</b> (35.1 to 39.7)	37.0 (32.4 to 41.5)	39.5 (34.5 to 44.5)	35.4 (30.5 to 40.4)	37.0 (31.3 to 42.7)	38.1 (31.9 to 44.4)
	<i>Change from 1994</i>	<b>-14.4</b> (-17.7 to -11.1)	-15.9 (-22.5 to -9.4)	-9.4 (-16.3 to -2.4)	-13.1 (-20.2 to -6.1)	-16.4 (-24.2 to -8.5)	-18.1 (-26.4 to -9.8)
	<i>P-value</i>	<b>(&lt;0.000)</b>	(<0.000)	(0.008)	(<0.000)	(<0.000)	(<0.000)

**ADDITIONAL FILE 7 Absolute change in cardiovascular risk factors in men aged ≥ 55 years, by deprivation quintiles (2/2)**

		<b>England</b>	<b>Q1 Most affluent</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q5 Most deprived</b>
<b>Total cholesterol (mmol/l)</b>	1994	<b>6.2</b> (6.1 to 6.2)	6.3 (6.2 to 6.4)	6.1 (6.0 to 6.2)	6.1 (6.0 to 6.2)	6.1 (6.0 to 6.3)	6.2 (6.1 to 6.3)
	2008	<b>5.3</b> (5.2 to 5.3)	5.4 (5.3 to 5.5)	5.3 (5.1 to 5.4)	5.2 (5.1 to 5.4)	5.2 (5.1 to 5.4)	5.1 (4.9 to 5.2)
	<i>Change from 1994</i>	<b>-0.9</b> (-1.0 to -0.8)	-0.9 (-1.0 to -0.7)	-0.8 (-1.0 to -0.6)	-0.9 (-1.1 to -0.7)	-0.9 (-1.2 to -0.7)	-1.1 (-1.3 to -0.9)
	<i>P-value</i>	<b>(&lt;0.000)</b>	(<0.000)	(<0.000)	(<0.000)	(<0.000)	(<0.000)
<b>Total cholesterol ≥ 5.0 mmol/l (%)</b>	1994	<b>87.2</b> (85.6 to 88.8)	89.6 (86.4 to 92.8)	87.6 (84.2 to 91.1)	86.2 (82.5 to 89.9)	85.7 (81.7 to 89.7)	86.6 (82.9 to 90.4)
	2008	<b>58.1</b> (55.3 to 60.8)	67.2 (62.5 to 71.9)	61.3 (55.3 to 67.2)	54.6 (48.4 to 60.7)	53.2 (46.9 to 59.5)	52.5 (45.3 to 59.8)
	<i>Change from 1994</i>	<b>-29.1</b> (-32.3 to -25.9)	-22.4 (-28.1 to -16.7)	-26.4 (-33.3 to -19.5)	-31.7 (-38.9 to -24.5)	-32.5 (-40.0 to -25.0)	-34.1 (-42.2 to -25.9)
	<i>P-value</i>	<b>(&lt;0.000)</b>	(<0.000)	(<0.000)	(<0.000)	(<0.000)	(<0.000)
<b>Fruit and vegetable consumption (portions per day)</b>	2001	<b>3.6</b> (3.5 to 3.7)	4.0 (3.8 to 4.2)	3.9 (3.7 to 4.1)	3.7 (3.4 to 3.9)	3.4 (3.2 to 3.7)	2.9 (2.7 to 3.1)
	2008	<b>3.9</b> (3.8 to 4.0)	4.1 (3.9 to 4.3)	4.1 (4.0 to 4.3)	4.1 (3.8 to 4.3)	3.6 (3.4 to 3.8)	3.4 (3.1 to 3.7)
	<i>Change from 2001</i>	<b>0.3</b> (0.1 to 0.4)	0.1 (-0.2 to 0.4)	0.2 (-0.1 to 0.5)	0.4 (0.1 to 0.7)	0.2 (-0.1 to 0.5)	0.6 (0.2 to 0.9)
	<i>P-value</i>	<b>(&lt;0.000)</b>	(0.448)	(0.134)	(0.020)	(0.242)	(0.002)
<b>Fruit and vegetable consumption (≥ 5 portions per day) (%)</b>	2001	<b>26.2</b> (24.4 to 28.0)	30.4 (26.6 to 34.2)	32.5 (28.5 to 36.4)	27.3 (23.3 to 31.3)	23.4 (19.3 to 27.5)	15.9 (12.1 to 19.6)
	2008	<b>29.0</b> (27.2 to 30.9)	31.3 (27.5 to 35.1)	33.2 (29.4 to 37.0)	31.7 (27.5 to 35.9)	24.6 (20.7 to 28.5)	24.0 (19.6 to 28.3)
	<i>Change from 2001</i>	<b>2.8</b> (0.2 to 5.4)	0.9 (-4.4 to 6.3)	0.7 (-4.8 to 6.2)	4.4 (-1.3 to 10.2)	1.2 (-4.5 to 6.8)	8.1 (2.3 to 13.9)
	<i>P-value</i>	<b>(0.032)</b>	(0.733)	(0.800)	(0.132)	(0.679)	(0.006)

