

Implications of mortality transition for primary health care in rural South Africa: a population-based surveillance study

	35-49 years			50-64 years			≥65 years			Total			p value
	Women	Men	Both	Women	Men	Both	Women	Men	Both	Women	Men	Both	
Hypertension* (n=359)	33 (27%)	6 (30%)	39 (27%)	38 (46%)	17 (45%)	55 (46%)	46 (69%)	15 (54%)	61 (64%)	117 (43%)	38 (44%)	155 (43%)	0.8
Cigarette smokers† (n=398)	9 (6%)	8 (31%)	17 (10%)	6 (7%)	10 (26%)	16 (13%)	18 (25%)	9 (31%)	27 (27%)	33 (11%)	27 (29%)	60 (15%)	<0.0001
Cholesterol (mmol/L)‡ (n=266)	4.2 (4.0-4.4)	4.3 (3.7-4.9)	4.3 (4.1-4.4)	4.7 (4.5-4.9)	4.1 (3.7-4.5)	4.5 (4.3-4.7)	5.0 (4.7-5.3)	4.5 (4.2-4.9)	4.8 (4.6-5.1)	4.5 (4.3-4.7)	4.3 (4.0-4.5)	4.5 (4.4-4.6)	0.08§
HDL cholesterol (mmol/L)‡ (n=266)	1.4 (1.3-1.5)	1.5 (1.1-1.9)	1.4 (1.3-1.5)	1.5 (1.4-1.6)	1.7 (1.5-1.9)	1.6 (1.5-1.7)	1.5 (1.4-1.6)	1.5 (1.3-1.7)	1.5 (1.4-1.6)	1.4 (1.4-1.5)	1.6 (1.4-1.7)	1.5 (1.4-1.5)	0.07§
Overweight (BMI 25-29.9 kg/m ²) (n=357)	47 (35%)	4 (22%)	51 (34%)	28 (36%)	7 (19%)	35 (31%)	17 (26%)	4 (15%)	21 (23%)	92 (33%)	15 (19%)	107 (30%)	
Obese (BMI ≥30 kg/m ²) (n=357)	38 (29%)	0	38 (25%)	24 (31%)	2 (6%)	26 (23%)	16 (25%)	3 (11%)	19 (21%)	78 (28%)	5 (6%)	83 (23%)	
BMI (kg/m ²) (n=359)	28.0 (26.5- 29.5)	22.4 (20.9- 23.8)	27.3 (26.0- 28.6)	27.1 (25.8- 28.5)	22.2 (20.7- 23.6)	25.6 (24.5- 26.7)	25.9 (24.3- 27.4)	23.8 (21.1- 26.6)	25.3 (24.0- 26.6)	27.2 (26.4- 28.1)	22.8 (21.7- 23.9)	26.2 (25.5- 27.0)	<0.0001

Data are number (%) or mean (95% CI). BMI=body-mass index. *Defined as systolic blood pressure 140 mm Hg or more, diastolic blood pressure 90 mm Hg or more, or taking antihypertensive treatment. †Defined as current daily cigarette smoker. ‡Non-fasting measurement. §Analysis of variance comparing mean values in women and men. ¶Table derived by M Connor. Source: Thorogood M, Connor M, Tollman S, Lewando Hundt G, Fowkes G, Marsh J. A cross-sectional study of vascular risk factors in a rural South African population: data from the Southern African Stroke Prevention Initiative (SASPI). *BMC Public Health* 2007; 7: 326.

Webtable: Vascular risk factors in adults aged 35 years and older in Agincourt, 2003¶

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