

Appendix 3: Medical care before the coronary event

Table A8: Treatment with aspirin before the event and estimated average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	4.3	14.1	12.0	1.5 (0.4, 2.5)
	Newcastle	4.3	10.3	12.0	1.0 (–0.3, 2.4)
45–54	Perth	4.0	11.3	14.9	1.7 (1.1, 2.4)
	Newcastle	12.7	11.2	16.4	0.7 (–0.2, 1.7)
55–64	Perth	9.1	17.7	22.8	2.3 (1.8, 2.9)
	Newcastle	13.3	17.8	24.5	1.9 (1.1, 2.7)
65–69	Newcastle	17.1	20.4	33.0	3.0 (1.9, 4.0)
35–64^(a)	Perth	7.3	15.6	19.7	2.1 (1.7, 2.5)
	Newcastle	12.0	14.6	21.0	1.5 (0.9, 2.0)
Women					
35–44	Perth	7.1	17.6	0.0	–0.9 (–3.7, 1.9)
	Newcastle	6.3	5.3	8.3	0.2 (–2.9, 3.2)
45–54	Perth	8.5	12.5	14.9	1.4 (–0.3, 3.1)
	Newcastle	11.4	15.1	17.6	0.9 (–1.3, 3.2)
55–64	Perth	10.0	15.8	18.0	1.7 (0.6, 2.7)
	Newcastle	11.5	16.4	21.3	1.6 (0.4, 2.8)
65–69	Newcastle	19.5	17.2	27.6	1.8 (0.3, 3.3)
35–64^(a)	Perth	9.3	15.1	15.5	1.5 (0.6, 2.3)
	Newcastle	10.0	14.7	19.1	1.5 (0.5, 2.5)

(a) Age-standardised using Australian MONICA populations.

Table A9: Treatment with ACE inhibitors before the event and estimated average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	1.3	3.9	5.7	0.8 (0.2, 1.5)
	Newcastle	2.1	5.2	6.7	1.1 (0.1, 2.1)
45–54	Perth	1.0	3.9	11.0	1.5 (1.1, 2.0)
	Newcastle	0.9	9.4	14.1	2.1 (1.4, 2.9)
55–64	Perth	1.7	4.5	10.5	1.4 (1.1, 1.8)
	Newcastle	4.2	10.6	21.5	2.7 (2.0, 3.3)
65–69	Newcastle	8.0	9.9	22.8	2.5 (1.7, 3.4)
35–64^(a)	Perth	1.5	4.3	10.2	1.4 (1.1, 1.7)
	Newcastle	3.1	9.8	18.1	2.3 (1.9, 2.8)
Women					
35–44	Perth	16.7	0.0	9.1	–1.2 (–4.3, 1.8)
	Newcastle	0.0	0.0	7.7	1.5 (–0.1, 3.2)
45–54	Perth	0.0	2.5	19.7	3.0 (1.6, 4.4)
	Newcastle	4.7	14.8	15.7	1.7 (–0.3, 3.8)
55–64	Perth	1.6	7.1	19.5	3.2 (2.3, 4.1)
	Newcastle	6.3	16.3	15.8	1.7 (0.6, 2.8)
65–69	Newcastle	10.9	19.8	23.3	2.6 (1.1, 4.0)
35–64^(a)	Perth	2.6	5.2	18.6	2.9 (2.3, 3.7)
	Newcastle	5.3	14.4	15.1	1.7 (0.8, 2.6)

(a) Age-standardised using Australian MONICA populations.

Table A10: Treatment with inotropic drugs before the event and estimated average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	1.9	2.2	0.0	–0.3 (–0.7, 0.1)
	Newcastle	3.2	1.0	2.7	–0.1 (–0.8, 0.6)
45–54	Perth	3.1	2.9	1.6	–0.2 (–0.6, 0.1)
	Newcastle	6.1	8.4	4.2	–0.4 (–1.1, 0.3)
55–64	Perth	7.1	6.2	4.1	–0.4 (–0.8, –0.1)
	Newcastle	15.8	13.1	11.4	–0.8 (–1.5, –0.1)
65–69	Newcastle	28.1	21.7	18.5	–1.4 (–2.5, –0.4)
35–64^(a)	Perth	5.5	4.9	3.0	–0.4 (–0.6, –0.1)
	Newcastle	12.0	10.7	8.6	–0.6 (–1.1, –0.2)
Women					
35–44	Perth	0.0	0.0	0.0	0.0 (0.0, 0.0)
	Newcastle	11.8	0.0	0.0	–2.6 (–4.9, –0.2)
45–54	Perth	1.4	4.5	5.4	0.6 (–0.4, 1.6)
	Newcastle	22.4	7.5	5.9	–1.4 (–3.4, 0.6)
55–64	Perth	9.5	8.3	6.6	–0.5 (–1.3, 0.3)
	Newcastle	28.2	16.0	14.1	–2.5 (–3.8, –1.3)
65–69	Newcastle	45.3	23.5	19.6	–3.9 (–5.5, –2.4)
35–64^(a)	Perth	6.4	6.5	5.7	–0.2 (–0.8, 0.4)
	Newcastle	25.1	12.3	10.3	–2.3 (–3.3, –1.3)

(a) Age-standardised using Australian MONICA populations.

Table A11: Treatment with beta blockers before the event and average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	13.7	15.1	13.6	0.1 (–1.1, 1.3)
	Newcastle	19.1	8.3	21.3	–0.2 (–1.9, 1.6)
45–54	Perth	22.2	18.1	17.1	–0.7 (–1.5, 0.1)
	Newcastle	24.3	20.6	14.8	–1.8 (–2.9, –0.7)
55–64	Perth	25.6	24.4	21.6	–0.5 (–1.2, 0.1)
	Newcastle	27.9	23.9	19.6	–1.1 (–1.9, –0.2)
65–69	Newcastle	29.4	24.6	21.2	–0.9 (–2.0, 0.1)
35–64^(a)	Perth	23.6	21.8	19.6	–0.5 (–1.0, 0.0)
	Newcastle	26.1	21.6	18.4	–1.2 (–1.9, –0.6)
Women					
35–44	Perth	28.6	11.8	4.5	–4.0 (–7.4, –0.5)
	Newcastle	17.6	10.5	25.0	0.2 (–4.3, 4.7)
45–54	Perth	21.1	26.4	18.9	–0.5 (–2.6, 1.7)
	Newcastle	44.9	29.6	23.1	–3.4 (–6.3, –0.5)
55–64	Perth	27.5	21.2	24.2	–0.5 (–1.8, 0.8)
	Newcastle	36.9	27.9	25.0	–2.1 (–3.5, –0.6)
65–69	Newcastle	43.7	23.7	26.1	–2.7 (–4.3, –1.1)
35–64^(a)	Perth	25.8	21.8	21.0	–0.7 (–1.8, 0.4)
	Newcastle	37.3	26.8	24.5	–2.2 (–3.5, –0.9)

(a) Age-standardised using Australian MONICA populations.

Table A12: Treatment with calcium channel blockers before the event and estimated average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	9.3	10.2	4.5	–0.7 (–1.6, 0.3)
	Newcastle	6.5	9.4	6.8	0.3 (–1.0, 1.5)
45–54	Perth	8.1	10.2	13.6	0.8 (0.2, 1.5)
	Newcastle	14.5	14.0	18.3	0.8 (–0.3, 1.8)
55–64	Perth	15.2	21.1	19.9	0.8 (0.2, 1.4)
	Newcastle	19.6	23.9	29.1	1.7 (0.9, 2.6)
65–69	Newcastle	24.2	28.4	31.5	1.6 (0.5, 2.7)
35–64^(a)	Perth	12.8	17.1	16.8	0.6 (0.2, 1.1)
	Newcastle	17.0	19.9	24.1	1.3 (0.7, 1.9)
Women					
35–44	Perth	21.4	17.6	18.2	0.0 (–4.2, 4.1)
	Newcastle	5.9	10.5	16.7	0.7 (–3.0, 4.5)
45–54	Perth	16.9	16.9	17.6	–0.3 (–2.3, 1.6)
	Newcastle	24.0	20.4	21.2	–0.3 (–2.8, 2.3)
55–64	Perth	23.9	25.7	27.2	0.7 (–0.6, 2.0)
	Newcastle	26.6	25.5	32.7	1.1 (–0.4, 2.5)
65–69	Newcastle	24.2	28.4	31.5	1.6 (0.5, 2.7)
35–64^(a)	Perth	21.8	22.6	23.8	0.4 (–0.6, 1.5)
	Newcastle	24.0	22.7	28.1	0.8 (–0.4, 2.0)

(a) Age-standardised using Australian MONICA populations.

Table A13: Treatment with other antiarrhythmic drugs before the event and estimated average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	1.9	0.0	0.6	–0.2 (–0.5, 0.1)
	Newcastle	0.0	2.1	0.0	0.0 (–0.5, 0.4)
45–54	Perth	1.7	1.1	0.5	–0.2 (–0.5, 0.0)
	Newcastle	1.3	1.3	0.4	–0.2 (–0.5, 0.1)
55–64	Perth	2.6	1.7	1.6	–0.2 (–0.4, 0.0)
	Newcastle	3.5	2.3	2.4	–0.3 (–0.6, 0.1)
65–69	Newcastle	4.5	2.7	2.1	–0.3 (–0.7, 0.1)
35–64^(a)	Perth	2.3	1.4	1.2	–0.2 (–0.4, –0.1)
	Newcastle	2.6	2.0	1.6	–0.2 (–0.4, 0.0)
Women					
35–44	Perth	0.0	0.0	0.0	0.0 (0.0, 0.0)
	Newcastle	6.3	0.0	0.0	–1.5 (–3.3, 0.2)
45–54	Perth	1.4	1.1	0.0	–0.2 (–0.7, 0.3)
	Newcastle	8.9	0.0	0.0	–1.1 (–2.1, –0.1)
55–64	Perth	0.9	1.7	2.2	0.1 (–0.2, 0.5)
	Newcastle	3.3	2.5	5.2	0.3 (–0.3, 0.9)
65–69	Newcastle	4.5	2.7	2.1	–0.3 (–0.7, 0.1)
35–64^(a)	Perth	1.0	1.4	1.4	0.1 (–0.2, 0.3)
	Newcastle	5.1	1.6	3.3	–0.1 (–0.6, 0.4)

(a) Age-standardised using Australian MONICA populations.

Table A14: Treatment with anticoagulants before the event and estimated average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	0.6	1.6	0.0	0.0 (–0.3, 0.3)
	Newcastle	1.1	2.1	4.0	0.4 (–0.3, 1.1)
45–54	Perth	3.8	2.7	2.8	–0.1 (–0.4, 0.3)
	Newcastle	1.3	2.1	2.7	0.2 (–0.2, 0.6)
55–64	Perth	2.2	3.2	4.9	0.5 (0.2, 0.7)
	Newcastle	2.5	2.5	4.3	0.2 (–0.1, 0.6)
65–69	Newcastle	3.6	4.3	4.9	0.1 (–0.7, 0.8)
35–64^(a)	Perth	2.5	2.9	3.9	0.2 (0.0, 0.4)
	Newcastle	2.1	2.3	3.8	0.2 (0.0, 0.5)
Women					
35–44	Perth	0.0	0.0	0.0	0.0 (0.0, 0.0)
	Newcastle	0.0	0.0	0.0	0.0 (0.0, 0.0)
45–54	Perth	1.4	4.5	8.1	0.8 (–0.2, 1.9)
	Newcastle	7.0	5.7	2.0	–0.3 (–1.7, 1.0)
55–64	Perth	3.6	1.2	5.3	0.4 (–0.2, 0.9)
	Newcastle	1.6	1.0	3.2	0.2 (–0.2, 0.6)
65–69	Newcastle	3.6	4.3	4.9	0.1 (–0.7, 0.8)
35–64^(a)	Perth	2.7	2.0	5.6	0.5 (0.0, 0.9)
	Newcastle	3.0	2.2	2.6	0.1 (–0.3, 0.5)

(a) Age-standardised using Australian MONICA populations.

Table A15: Treatment with diuretics before the event and estimated average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	8.1	6.5	6.3	–0.2 (–1.1, 0.6)
	Newcastle	10.4	7.2	2.7	–1.4 (–2.6, –0.1)
45–54	Perth	13.1	8.0	7.8	–0.9 (–1.5, –0.3)
	Newcastle	15.7	11.9	9.9	–1.0 (–1.9, –0.1)
55–64	Perth	23.6	18.2	15.6	–1.3 (–1.9, –0.7)
	Newcastle	24.9	21.1	20.0	–0.8 (–1.6, 0.0)
65–69	Newcastle	34.8	30.0	28.2	–1.4 (–2.5, –0.2)
35–64^(a)	Perth	19.4	14.4	12.7	–1.0 (–1.4, –0.6)
	Newcastle	21.1	17.3	15.6	–0.9 (–1.5, –0.3)
Women					
35–44	Perth	35.7	5.9	13.6	–2.8 (–6.7, 1.1)
	Newcastle	0.0	15.8	25.0	4.3 (0.3, 8.2)
45–54	Perth	31.9	26.1	17.6	–2.6 (–4.8, –0.4)
	Newcastle	49.1	22.2	27.5	–2.2 (–5.1, 0.6)
55–64	Perth	41.0	33.1	31.1	–1.8 (–3.2, –0.4)
	Newcastle	42.9	31.4	42.4	–0.2 (–1.7, 1.4)
65–69	Newcastle	58.1	40.6	39.6	–3.3 (–4.9, –1.6)
35–64^(a)	Perth	38.0	28.7	25.9	–2.0 (–3.2, –0.9)
	Newcastle	40.7	27.5	36.7	–0.4 (–1.7, 0.9)

(a) Age-standardised using Australian MONICA populations.

Table A16: Treatment with nitrates before the event and estimated average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	11.8	14.6	10.8	0.0 (–1.1, 1.2)
	Newcastle	10.6	14.4	10.7	–0.2 (–1.8, 1.4)
45–54	Perth	12.9	14.2	12.9	0.1 (–0.6, 0.8)
	Newcastle	23.8	16.5	15.2	–1.2 (–2.3, –0.2)
55–64	Perth	25.1	24.5	23.0	–0.4 (–1.1, 0.2)
	Newcastle	30.3	28.6	28.0	–0.4 (–1.3, 0.5)
65–69	Newcastle	41.3	37.7	37.2	–0.6 (–1.8, 0.6)
35–64^(a)	Perth	20.5	20.8	19.2	–0.2 (–0.7, 0.2)
	Newcastle	26.7	24.0	23.0	–0.6 (–1.3, 0.0)
Women					
35–44	Perth	21.4	23.5	4.5	–2.4 (–6.1, 1.4)
	Newcastle	11.8	0.0	16.7	–0.1 (–3.5, 3.3)
45–54	Perth	21.1	20.5	17.6	–0.9 (–2.9, 1.2)
	Newcastle	22.0	20.0	15.4	–1.0 (–3.5, 1.4)
55–64	Perth	28.8	31.8	28.8	0.4 (–0.9, 1.8)
	Newcastle	40.4	28.2	27.6	–2.2 (–3.7, –0.7)
65–69	Newcastle	52.3	30.3	33.7	–2.7 (–4.4, –1.0)
35–64^(a)	Perth	26.1	28.0	23.5	0.0 (–1.1, 1.1)
	Newcastle	32.8	23.4	23.3	–1.9 (–3.1, –0.6)

(a) Age-standardised using Australian MONICA populations.

Table A17: Proportion of patients who had undergone coronary angiography before the event and estimated average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	14.3	22.6	10.3	–1.4 (–3.0, 0.3)
	Newcastle	11.6	18.0	19.1	1.3 (–0.3, 2.9)
45–54	Perth	16.3	15.9	18.8	0.7 (–0.4, 1.8)
	Newcastle	16.0	20.5	19.3	0.7 (–0.3, 1.7)
55–64	Perth	16.7	23.5	22.9	0.4 (–0.5, 1.2)
	Newcastle	17.8	22.9	30.6	2.1 (1.3, 2.8)
65–69	Newcastle	14.3	23.4	31.3	3.0 (2.1, 3.9)
35–64^(a)	Perth	16.4	21.3	20.6	0.3 (–0.4, 0.9)
	Newcastle	16.7	21.8	26.5	1.6 (1.0, 2.2)
Women					
35–44	Perth	50.0	18.2	3.8	–7.3 (–12.0, –2.7)
	Newcastle	5.3	4.0	5.9	–0.1 (–2.4, 2.3)
45–54	Perth	10.7	20.4	19.0	1.0 (–1.7, 3.8)
	Newcastle	15.5	23.0	17.9	0.9 (–1.2, 2.9)
55–64	Perth	23.1	16.4	16.6	–0.5 (–2.0, 1.1)
	Newcastle	13.6	16.5	24.7	2.1 (1.0, 3.2)
65–69	Newcastle	8.2	11.9	24.0	2.5 (1.4, 3.6)
35–64^(a)	Perth	22.2	17.6	16.1	–0.5 (–1.8, 0.8)
	Newcastle	13.3	17.1	21.2	1.7 (0.8, 2.6)

(a) Age-standardised using Australian MONICA populations.

Table A18: Proportion of patients who had undergone coronary bypass surgery before the event and estimated average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	2.6	5.1	1.4	–0.1 (–0.7, 0.4)
	Newcastle	0.9	6.2	5.4	0.5 (–0.4, 1.4)
45–54	Perth	4.8	5.2	6.2	0.3 (–0.2, 0.7)
	Newcastle	6.4	10.5	5.5	–0.1 (–0.7, 0.6)
55–64	Perth	7.0	9.9	9.1	0.3 (0.0, 0.7)
	Newcastle	8.4	12.2	15.0	1.1 (0.5, 1.7)
65–69	Newcastle	7.5	11.1	15.9	1.6 (0.9, 2.3)
35–64^(a)	Perth	6.0	8.2	7.6	0.3 (0.0, 0.5)
	Newcastle	7.2	11.2	11.5	0.7 (0.3, 1.1)
Women					
35–44	Perth	6.7	3.8	0.0	–0.9 (–2.6, 0.9)
	Newcastle	5.3	0.0	5.9	–0.3 (–2.3, 1.6)
45–54	Perth	3.7	6.3	4.8	0.2 (–0.8, 1.3)
	Newcastle	5.6	12.5	8.8	0.4 (–1.1, 1.9)
55–64	Perth	6.2	4.4	7.5	0.3 (–0.3, 0.9)
	Newcastle	6.0	5.8	11.0	1.0 (0.3, 1.8)
65–69	Newcastle	3.3	3.9	12.8	1.4 (0.7, 2.2)
35–64^(a)	Perth	5.6	4.9	6.1	0.3 (–0.3, 0.8)
	Newcastle	5.8	7.1	9.9	0.8 (0.2, 1.4)

(a) Age-standardised using Australian MONICA populations.

Table A19: Proportion of patients who had undergone coronary angioplasty before the event and estimated average annual percentage change, 1985–93

Age group (years)	Centre	1985–87	1988–90	1991–93	Estimated annual percentage change (95% CI)
Per cent					
Men					
35–44	Perth	3.6	5.9	2.8	–0.1 (–0.8, 0.6)
	Newcastle	0.0	1.2	5.7	1.1 (–0.6, 2.8)
45–54	Perth	2.8	4.0	3.4	0.2 (–0.2, 0.6)
	Newcastle	0.0	0.6	2.6	0.8 (0.0, 1.5)
55–64	Perth	1.7	3.8	4.5	0.3 (0.0, 0.6)
	Newcastle	0.0	0.2	2.4	0.8 (0.3, 1.3)
65–69	Newcastle	0.0	0.7	2.1	0.4 (–0.1, 1.0)
35–64^(a)	Perth	2.2	4.1	4.1	0.2 (0.0, 0.5)
	Newcastle	0.0	0.4	2.8	0.8 (0.4, 1.3)
Women					
35–44	Perth	11.1	0.0	0.0	–1.1 (–2.6, 0.5)
	Newcastle	0.0	0.0	0.0	0.0 (0.0, 0.0)
45–54	Perth	6.3	1.1	3.8	–0.3 (–1.3, 0.7)
	Newcastle	0.0	2.1	2.1	0.7 (–1.1, 2.5)
55–64	Perth	1.1	1.8	3.6	0.3 (–0.1, 0.8)
	Newcastle	0.0	0.6	2.3	0.2 (–0.6, 0.9)
65–69	Newcastle	0.0	0.7	2.9	1.0 (0.1, 1.9)
35–64^(a)	Perth	3.4	1.5	3.3	0.1 (–0.3, 0.5)
	Newcastle	0.0	1.0	2.0	0.3 (–0.4, 1.0)

(a) Age-standardised using Australian MONICA populations.