

South Australia

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**ICD-9: 390–459
Diseases of the circulatory system**

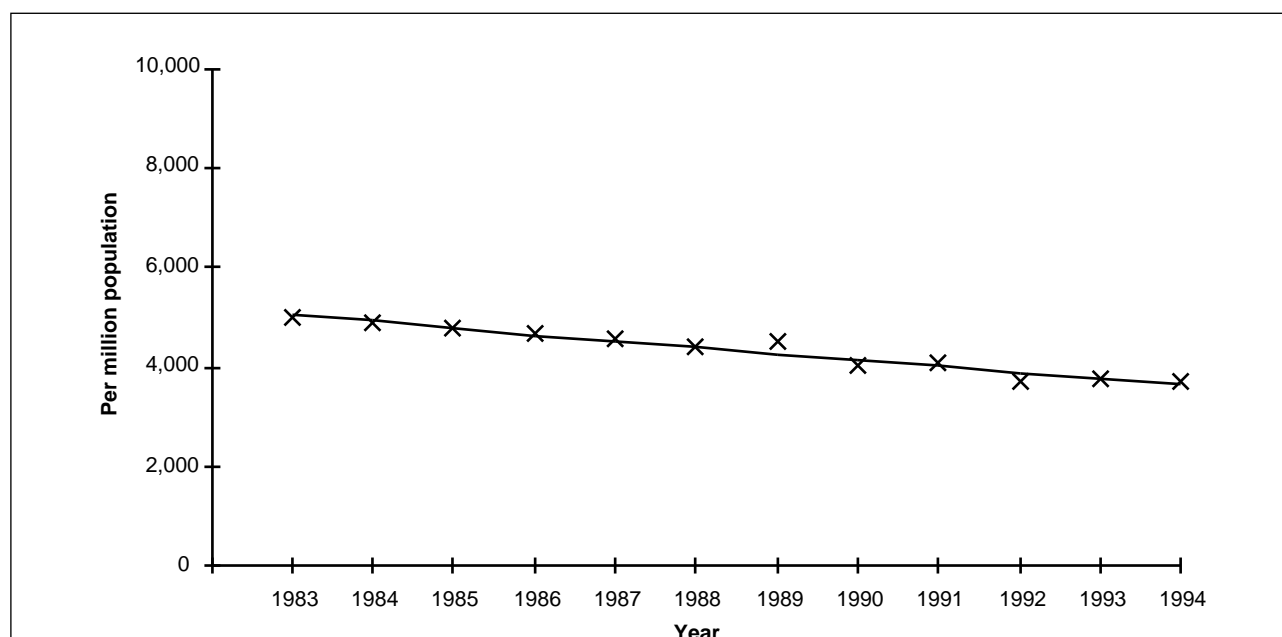
**South Australia
Males**

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Deaths (number)															
< 25	7	14	9	10	5	7	5	9	6	3	1	1			
25–34	11	23	6	7	7	11	15	11	6	3	9	9			
35–44	31	47	46	49	32	45	38	30	31	37	35	19			
45–54	143	152	149	116	128	136	107	106	115	102	85	106			
55–59	198	197	180	161	159	129	138	118	112	112	101	76			
60–64	273	268	242	277	239	273	244	231	198	196	168	161			
65–69	394	324	352	326	369	374	347	365	308	321	328	322			
70–74	458	475	440	446	496	470	472	396	435	399	449	439			
75–84	797	801	833	892	855	881	1,008	910	1,016	944	951	972			
85+	303	331	376	368	395	361	416	381	416	379	454	518			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	1,508	1,486	1,415	1,382	1,430	1,438	1,361	1,257	1,205	1,170	1,175	1,132			
All ages	2,615	2,632	2,633	2,652	2,685	2,687	2,790	2,557	2,643	2,496	2,581	2,623			
Age-specific rates (per million population)															
< 25	25	51	33	37	19	26	19	34	22	11	4	4	-12.1 **	-69.3	
25–34	101	208	54	62	61	95	128	94	51	26	77	78	-6.1 *	45.0	
35–44	357	521	490	503	320	437	361	279	283	336	316	171	-6.0 **	-39.7	
45–54	2,105	2,237	2,196	1,695	1,837	1,912	1,464	1,401	1,467	1,237	991	1,192	-6.5 **	10.5	
55–59	5,502	5,470	4,994	4,552	4,643	3,871	4,223	3,708	3,543	3,503	3,121	2,305	-6.2 **	-23.5	
60–64	8,936	8,377	7,372	8,347	7,132	8,049	7,201	6,809	5,922	6,030	5,322	5,207	-4.5 **	-5.4	
65–69	16,150	13,483	14,435	12,807	13,820	13,431	11,879	12,276	10,201	10,493	10,643	10,454	-3.7 **	5.4	
70–74	25,108	24,711	22,055	21,890	24,086	22,865	23,207	18,982	19,842	17,425	18,863	17,630	-3.1 **	-1.7	
75–84	49,204	46,850	46,427	47,558	43,361	42,651	46,262	40,088	43,190	39,224	38,547	38,716	-2.1 **	0.8	
85+	104,917	108,882	116,193	106,205	111,708	100,028	110,462	97,868	100,507	85,360	97,112	103,808	-1.3 *	12.1	
All ages: Crude and age-standardised rates (per million population)															
Crude	3,915	3,898	3,865	3,856	3,878	3,851	3,961	3,598	3,683	3,450	3,554	3,596			
Age std	5,003	4,885	4,784	4,659	4,577	4,432	4,527	4,031	4,064	3,698	3,751	3,721	-2.9 **	1.7 **	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	4,043	3,913	3,662	3,513	3,581	3,548	3,307	3,016	2,854	2,737	2,724	2,597			
Age std	3,943	3,802	3,563	3,405	3,476	3,453	3,233	2,935	2,764	2,631	2,598	2,454	-4.2 **	-2.1 *	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.



Source: Australian Institute of Health and Welfare

Diseases of the circulatory system, South Australia, males, age-standardised mortality rates (all ages) and fitted trend

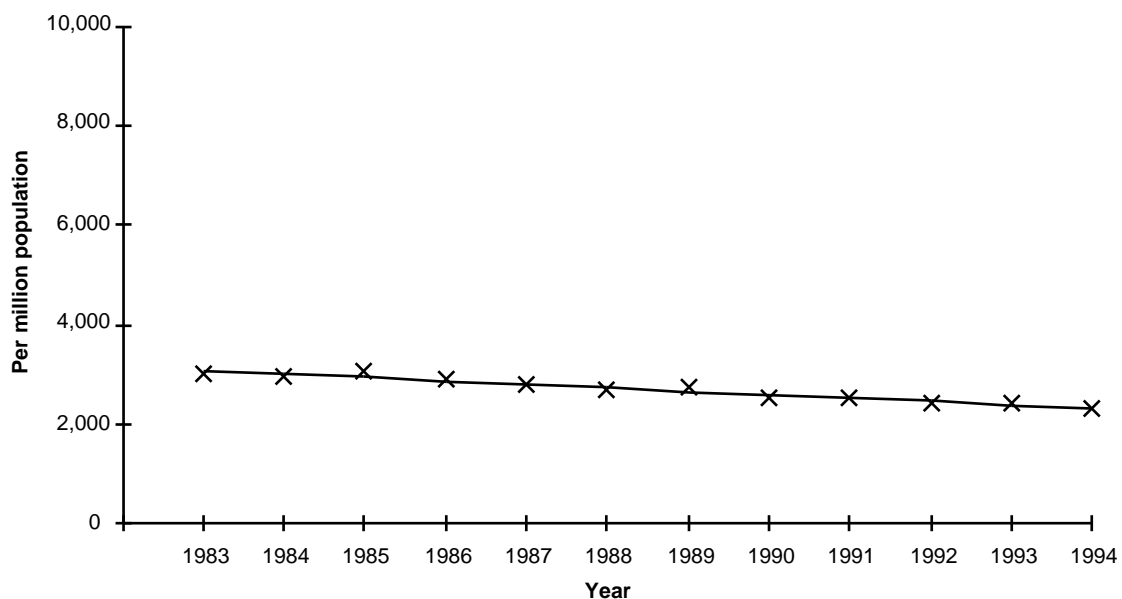
ICD-9: 390–459
Diseases of the circulatory system
South Australia
Females

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Deaths (number)															
< 25	5	6	5	3	7	4	5	0	1	7	7	2			
25–34	7	4	9	4	8	3	10	4	3	5	5	4			
35–44	18	16	14	11	13	12	11	12	12	14	13	11			
45–54	50	41	54	36	41	30	37	25	32	37	20	36			
55–59	64	51	55	62	52	54	37	32	31	49	33	34			
60–64	117	105	108	101	100	101	106	90	83	79	68	57			
65–69	185	194	140	190	185	169	206	183	167	142	156	138			
70–74	288	291	345	321	304	279	286	291	260	239	276	218			
75–84	879	875	963	941	943	952	997	955	1,003	972	1,041	997			
85+	799	846	930	880	904	940	964	928	1,016	1,032	1,083	1,150			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	729	702	725	725	703	648	693	637	588	565	571	498			
All ages	2,412	2,429	2,623	2,549	2,557	2,544	2,659	2,520	2,608	2,576	2,702	2,647			
Age-specific rates (per million population)															
< 25	19	23	19	12	27	16	20	0	4	28	28	8	-2.7	-52.7	
25–34	65	37	82	36	71	26	87	34	26	43	44	35	-4.5	-8.0	
35–44	210	180	152	115	132	118	105	112	110	127	118	99	-5.1	3.3	
45–54	754	617	809	539	602	431	516	336	414	456	237	411	-7.3 **	39.2	
55–59	1,801	1,441	1,577	1,811	1,562	1,655	1,155	1,012	989	1,542	1,019	1,027	-4.6 **	-3.1	
60–64	3,536	3,063	3,097	2,888	2,857	2,900	3,055	2,626	2,449	2,401	2,132	1,822	-4.3 **	-18.1	
65–69	6,640	7,035	5,006	6,523	6,090	5,360	6,309	5,519	4,997	4,244	4,696	4,175	-3.9 **	-7.6	
70–74	12,394	11,954	13,752	12,652	11,919	10,879	11,260	11,287	9,618	8,493	9,488	7,246	-4.3 **	-19.2 *	
75–84	33,514	31,937	33,836	31,842	30,646	29,553	29,562	27,354	27,957	26,527	27,827	26,197	-2.3 **	0.7	
85+	99,045	101,317	104,659	94,807	94,294	96,420	96,236	90,492	95,723	92,722	92,272	93,732	-0.8 *	3.2	
All ages: Crude and age-standardised rates (per million population)															
Crude	3,558	3,547	3,802	3,669	3,651	3,597	3,721	3,493	3,579	3,509	3,668	3,578			
Age std	3,044	2,955	3,062	2,886	2,809	2,699	2,753	2,534	2,528	2,421	2,449	2,301	-2.5 **	-2.2 **	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	1,922	1,819	1,850	1,824	1,742	1,580	1,664	1,509	1,374	1,306	1,311	1,133			
Age std	1,685	1,590	1,603	1,574	1,514	1,371	1,460	1,320	1,196	1,143	1,123	977	-4.4 **	-10.9 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.



Source: Australian Institute of Health and Welfare

Diseases of the circulatory system, South Australia, females, age-standardised mortality rates (all ages) and fitted trend

**ICD-9: 410–414
Ischaemic heart disease**

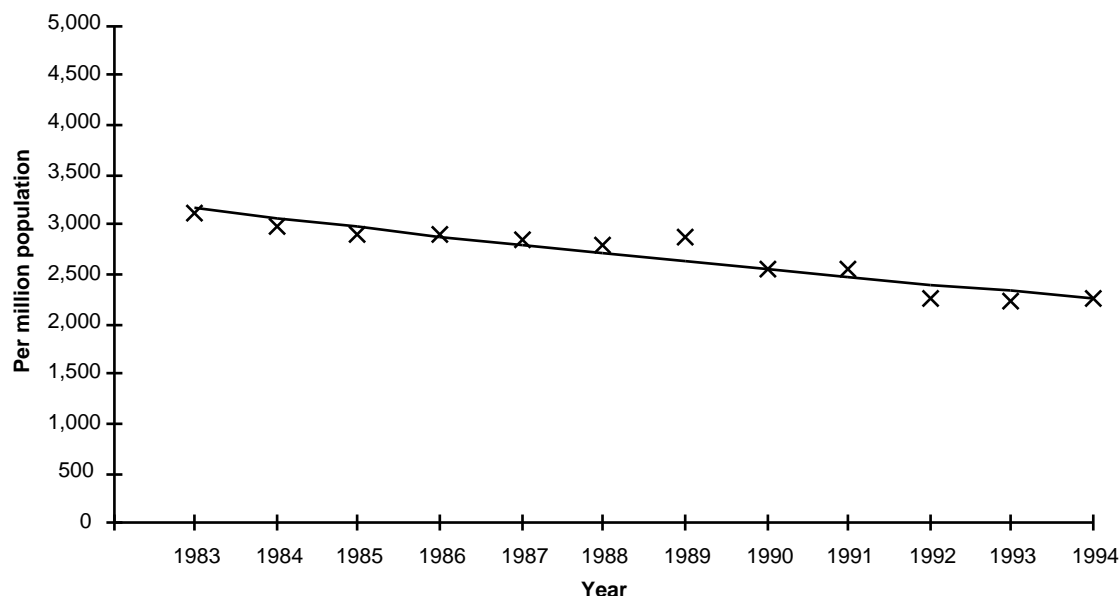
**South Australia
Males**

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Deaths (number)															
< 25	0	2	0	0	2	0	0	2	0	0	0	0	0		
25–34	3	13	3	1	2	5	3	4	2	0	4	2			
35–44	22	28	26	38	21	32	28	24	17	25	27	16			
45–54	107	110	115	93	92	101	78	78	78	73	56	82			
55–59	151	138	124	121	115	102	114	96	82	81	71	53			
60–64	197	205	182	205	183	196	183	171	151	142	127	120			
65–69	281	229	243	240	264	269	241	255	218	213	227	215			
70–74	307	322	278	304	316	326	306	270	289	265	297	288			
75–84	474	465	489	549	518	522	634	548	612	560	537	583			
85+	145	158	190	168	201	182	220	202	229	197	223	259			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	1,068	1,045	971	1,002	993	1,031	953	898	837	799	809	776			
All ages	1,687	1,670	1,650	1,719	1,714	1,735	1,807	1,650	1,678	1,556	1,569	1,618			
Age-specific rates (per million population)															
< 25	0	7	0	0	7	0	0	7	0	0	0	0			
25–34	28	118	27	9	17	43	26	34	17	0	34	17	-10.8 *	17.2	
35–44	253	310	277	390	210	311	266	223	155	227	244	144	-4.7 *	-30.6	
45–54	1,575	1,619	1,695	1,359	1,320	1,420	1,067	1,031	995	886	653	922	-7.0 **	24.2	
55–59	4,196	3,832	3,440	3,421	3,358	3,061	3,488	3,017	2,594	2,533	2,194	1,608	-6.0 **	-30.0 *	
60–64	6,448	6,408	5,544	6,178	5,461	5,779	5,401	5,041	4,516	4,369	4,023	3,881	-4.4 **	-5.5	
65–69	11,518	9,530	9,965	9,429	9,887	9,661	8,250	8,576	7,220	6,963	7,366	6,980	-4.2 **	2.5	
70–74	16,830	16,752	13,935	14,920	15,345	15,860	15,045	12,942	13,183	11,573	12,477	11,566	-3.2 **	-2.9	
75–84	29,263	27,198	27,254	29,271	26,270	25,271	29,097	24,141	26,016	23,268	21,766	23,222	-2.2 **	1.8	
85+	50,208	51,974	58,714	48,485	56,844	50,429	58,417	51,888	55,327	44,369	47,701	51,904	-0.7	5.4	
All ages: Crude and age-standardised rates (per million population)															
Crude	2,526	2,473	2,422	2,499	2,475	2,487	2,565	2,322	2,338	2,151	2,160	2,218			
Age std	3,110	2,984	2,911	2,916	2,844	2,783	2,870	2,546	2,542	2,269	2,240	2,261	-3.0 **	-0.3	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	2,864	2,752	2,513	2,547	2,487	2,543	2,316	2,154	1,983	1,869	1,875	1,780			
Age std	2,783	2,667	2,439	2,468	2,407	2,474	2,256	2,094	1,917	1,797	1,791	1,684	-4.4 **	-3.2 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.



Source: Australian Institute of Health and Welfare

Ischaemic heart disease, South Australia, males, age-standardised mortality rates (all ages) and fitted trend

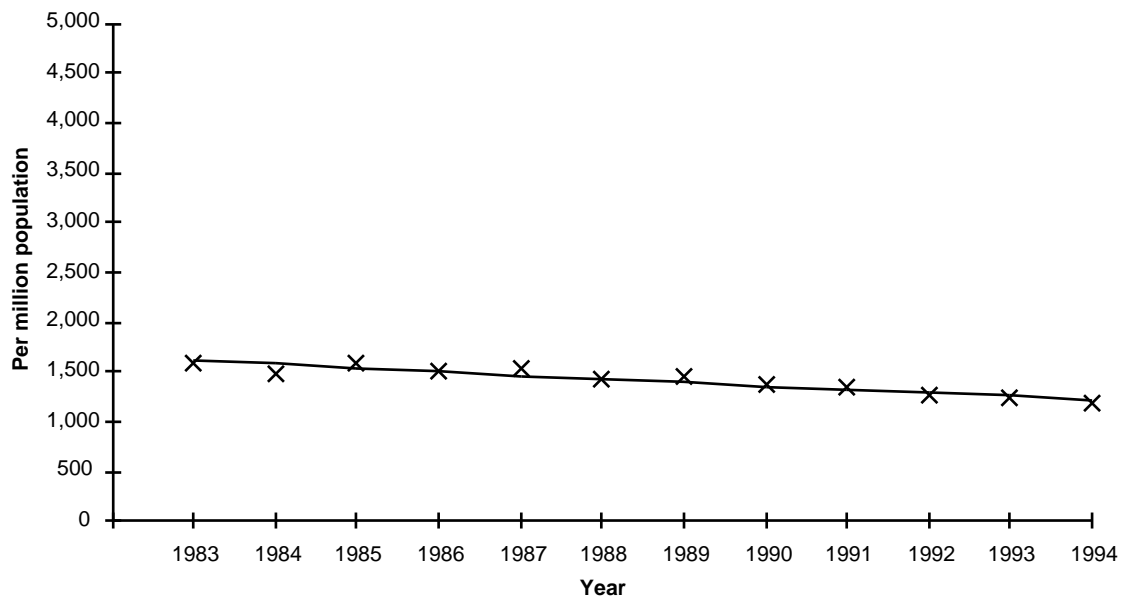
ICD-9: 410–414
Ischaemic heart disease
South Australia
Females

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Deaths (number)															
< 25	0	1	0	0	2	0	0	0	0	0	0	0	0		
25–34	1	0	1	0	3	0	2	0	1	1	2	2			
35–44	8	4	4	4	5	2	2	6	5	4	4	3			
45–54	28	14	34	16	23	18	23	6	14	18	11	12			
55–59	39	32	31	40	34	29	21	18	14	22	18	18			
60–64	80	73	66	67	64	57	66	52	53	48	46	31			
65–69	122	119	94	123	136	99	128	124	102	78	99	73			
70–74	172	175	213	195	204	191	175	172	158	147	165	130			
75–84	464	453	509	497	504	507	554	516	553	520	519	538			
85+	336	335	388	379	398	428	415	455	463	499	485	550			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	450	417	443	445	469	396	417	378	347	318	345	269			
All ages	1,250	1,206	1,340	1,321	1,373	1,331	1,386	1,349	1,363	1,337	1,349	1,357			
Age-specific rates (per million population)															
< 25	0	4	0	0	8	0	0	0	0	0	0	0			
25–34	9	0	9	0	27	0	17	0	9	9	18	18			
35–44	93	45	43	42	51	20	19	56	46	36	36	27	-6.2	-10.6	
45–54	422	211	509	240	338	259	321	81	181	222	130	137	-9.3 **	-3.3	
55–59	1,098	904	889	1,169	1,021	889	655	569	447	692	556	544	-6.8 **	6.5	
60–64	2,418	2,130	1,893	1,916	1,829	1,636	1,902	1,517	1,564	1,459	1,443	991	-5.4 **	-25.7	
65–69	4,379	4,315	3,361	4,223	4,477	3,140	3,920	3,740	3,052	2,331	2,980	2,209	-5.0 **	-19.8	
70–74	7,402	7,189	8,490	7,686	7,998	7,448	6,890	6,671	5,844	5,224	5,672	4,321	-4.5 **	-21.7 *	
75–84	17,691	16,534	17,884	16,818	16,379	15,739	16,426	14,780	15,414	14,191	13,873	14,136	-2.2 **	1.9	
85+	41,651	40,120	43,664	40,832	41,515	43,902	41,430	44,369	43,622	44,834	41,322	44,828	0.6	2.5	
All ages: Crude and age-standardised rates (per million population)															
Crude	1,844	1,761	1,942	1,901	1,960	1,882	1,940	1,870	1,871	1,821	1,831	1,834			
Age std	1,594	1,482	1,585	1,515	1,532	1,427	1,455	1,366	1,336	1,264	1,243	1,189	-2.5 **	-4.3 **	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	1,187	1,080	1,131	1,119	1,162	965	1,001	895	811	735	792	612			
Age std	1,037	934	976	960	1,005	831	875	777	702	637	678	521	-5.1 **	-18.9 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.



Source: Australian Institute of Health and Welfare

Ischaemic heart disease, South Australia, females, age-standardised mortality rates (all ages) and fitted trend

**ICD-9: 430–438
Cerebrovascular disease**

**South Australia
Males**

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Deaths (number)															
< 25	2	1	2	2	0	1	1	3	1	0	0	1			
25–34	4	6	0	2	2	4	3	2	1	0	1	5			
35–44	2	8	6	3	8	4	3	3	2	3	4	1			
45–54	14	15	15	10	12	12	13	8	19	8	15	6			
55–59	23	28	24	13	20	11	13	7	15	8	10	9			
60–64	33	34	28	28	25	33	21	27	20	20	17	22			
65–69	52	50	50	45	35	54	45	51	35	41	40	41			
70–74	79	73	91	72	85	78	94	65	69	53	78	77			
75–84	165	175	180	164	184	198	188	193	221	190	226	202			
85+	87	81	88	105	93	79	114	88	101	103	116	134			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	207	214	214	173	187	196	192	163	161	133	165	161			
All ages	461	471	484	444	464	474	495	447	484	426	507	498			
Age-specific rates (per million population)															
< 25	7	4	7	7	0	4	4	11	4	0	0	4			
25–34	37	54	0	18	17	35	26	17	9	0	9	43	-6.1	508.7 *	
35–44	23	89	64	31	80	39	28	28	18	27	36	9	-10.0 *	-63.2	
45–54	206	221	221	146	172	169	178	106	242	97	175	67	-5.3 *	-52.8	
55–59	639	777	666	368	584	330	398	220	474	250	309	273	-9.0 **	13.2	
60–64	1,080	1,063	853	844	746	973	620	796	598	615	539	712	-5.2 *	33.6	
65–69	2,131	2,081	2,050	1,768	1,311	1,939	1,540	1,715	1,159	1,340	1,298	1,331	-4.8 **	11.2	
70–74	4,331	3,798	4,561	3,534	4,128	3,795	4,622	3,116	3,147	2,315	3,277	3,092	-3.7 **	7.3	
75–84	10,186	10,236	10,032	8,744	9,332	9,586	8,628	8,502	9,395	7,895	9,161	8,046	-1.8 *	-3.7	
85+	30,125	26,645	27,194	30,303	26,301	21,890	30,271	22,605	24,402	23,198	24,813	26,854	-1.4	16.3	
All ages: Crude and age-standardised rates (per million population)															
Crude	690	698	710	646	670	679	703	629	674	589	698	683			
Age std	959	934	920	842	840	820	850	737	773	665	760	728	-2.7 **	5.8 **	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	555	563	554	440	468	484	467	391	381	311	383	369			
Age std	546	552	541	430	456	473	463	382	371	298	363	348	-4.8 **	8.9 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.



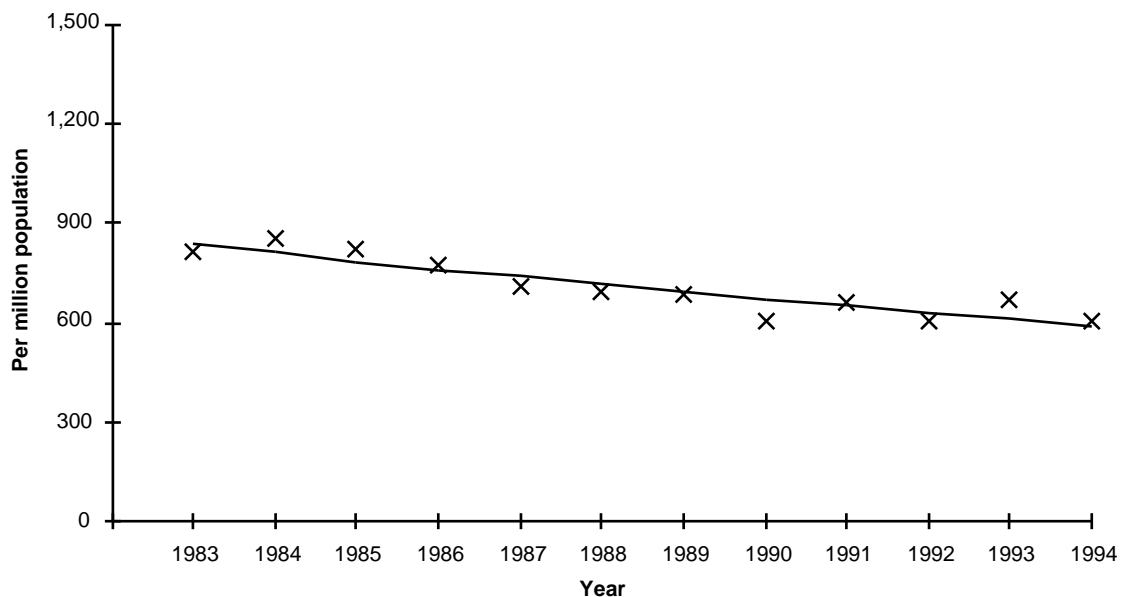
ICD-9: 430–438
Cerebrovascular disease
South Australia
Females

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Deaths (number)															
< 25	3	1	0	0	0	2	0	0	0	1	1	1			
25–34	4	1	5	1	2	2	2	0	1	0	0	1			
35–44	5	5	7	3	5	7	5	3	2	5	3	4			
45–54	17	17	12	10	11	5	6	8	11	12	7	6			
55–59	18	7	13	14	11	11	7	7	8	9	7	3			
60–64	26	17	24	17	18	21	16	11	13	14	13	11			
65–69	35	43	24	43	35	35	48	29	31	32	30	33			
70–74	67	71	78	79	56	49	58	72	51	52	66	43			
75–84	241	271	270	268	253	268	255	251	268	242	302	279			
85+	231	270	276	254	265	259	276	231	314	286	322	333			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	172	161	163	167	138	130	142	130	117	124	126	101			
All ages	647	703	709	689	656	659	673	612	699	653	751	714			
Age-specific rates (per million population)															
< 25	11	4	0	0	0	8	0	0	0	4	4	4			
25–34	37	9	45	9	18	18	17	0	9	0	0	9			
35–44	58	56	76	31	51	69	48	28	18	46	27	36	-6.7	27.7	
45–54	256	256	180	150	162	72	84	108	142	148	83	68	-9.5 **	-15.7	
55–59	507	198	373	409	330	337	218	221	255	283	216	91	-7.4 *	-57.0	
60–64	786	496	688	486	514	603	461	321	384	425	408	352	-6.0 *	3.4	
65–69	1,256	1,559	858	1,476	1,152	1,110	1,470	875	928	956	903	998	-3.5 *	11.7	
70–74	2,883	2,917	3,109	3,114	2,196	1,911	2,284	2,793	1,887	1,848	2,269	1,429	-5.0 **	-24.8	
75–84	9,189	9,891	9,487	9,069	8,222	8,320	7,561	7,189	7,470	6,604	8,073	7,331	-2.8 **	7.6	
85+	28,635	32,335	31,060	27,365	27,642	26,567	27,553	22,526	29,584	25,696	27,435	27,142	-1.2 *	6.4	
All ages: Crude and age-standardised rates (per million population)															
Crude	955	1,027	1,028	992	937	932	942	848	959	890	1,019	965			
Age std	814	852	822	775	711	693	685	609	664	604	668	607	-3.1 **	3.2 *	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	454	417	416	420	342	317	341	308	273	287	289	230			
Age std	399	372	363	363	301	279	299	269	240	251	246	198	-5.5 **	-9.8 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.



Source: Australian Institute of Health and Welfare

Cerebrovascular disease, South Australia, females, age-standardised mortality rates (all ages) and fitted trend

**ICD-9: 001–999
All causes**

**South Australia
Males**

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Deaths (number)															
< 25	327	282	306	275	302	294	259	284	224	206	222	192			
25–34	142	134	130	149	122	147	148	183	142	136	170	148			
35–44	139	149	167	182	150	161	162	179	195	180	170	180			
45–54	352	347	297	302	301	310	302	303	308	317	282	350			
55–59	426	392	402	375	376	310	318	275	252	266	279	247			
60–64	550	572	547	539	516	604	537	539	480	469	421	414			
65–69	714	687	712	658	733	742	739	775	736	739	749	743			
70–74	852	907	879	860	917	878	925	847	882	866	939	997			
75–84	1,452	1,494	1,500	1,591	1,638	1,696	1,930	1,733	1,919	1,876	1,918	1,964			
85+	511	576	630	625	699	651	774	715	786	757	865	1,006			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	3,175	3,188	3,134	3,065	3,115	3,152	3,131	3,101	2,995	2,973	3,010	3,079			
All ages	5,465	5,540	5,570	5,556	5,754	5,793	6,094	5,833	5,924	5,812	6,015	6,241			
Age-specific rates (per million population)															
< 25	1,185	1,024	1,118	1,010	1,119	1,097	969	1,063	837	770	836	729	-3.6 **	-10.9	
25–34	1,302	1,215	1,167	1,316	1,066	1,271	1,266	1,560	1,213	1,161	1,461	1,275	0.8	-5.7	
35–44	1,601	1,651	1,778	1,870	1,499	1,564	1,537	1,665	1,779	1,636	1,536	1,618	-0.4	0.8	
45–54	5,182	5,107	4,377	4,412	4,319	4,359	4,132	4,006	3,930	3,845	3,288	3,934	-3.0 **	15.3	
55–59	11,837	10,884	11,152	10,603	10,979	9,302	9,730	8,642	7,971	8,320	8,622	7,492	-3.8 **	-3.6	
60–64	18,003	17,880	16,663	16,243	15,399	17,808	15,849	15,888	14,357	14,429	13,336	13,390	-2.6 **	-2.4	
65–69	29,266	28,589	29,197	25,851	27,452	26,648	25,298	26,064	24,377	24,157	24,303	24,122	-1.9 **	3.0	
70–74	46,708	47,186	44,060	42,209	44,530	42,715	45,479	40,600	40,232	37,820	39,449	40,039	-1.7 **	4.8	
75–84	89,641	87,384	83,603	84,826	83,071	82,107	88,577	76,344	81,576	77,949	77,743	78,228	-1.2 **	1.7	
85+	176,939	189,474	194,685	180,375	197,681	180,382	205,523	183,663	189,901	170,495	185,027	201,603	0.2	9.7 *	
All ages: Crude and age-standardised rates (per million population)															
Crude	8,182	8,205	8,176	8,078	8,310	8,303	8,651	8,208	8,255	8,033	8,283	8,555			
Age std	10,089	9,963	9,745	9,453	9,571	9,359	9,705	8,998	8,943	8,500	8,631	8,754	-1.5 **	3.0 **	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	8,513	8,394	8,111	7,791	7,801	7,776	7,609	7,439	7,094	6,954	6,978	7,064			
Age std	8,312	8,173	7,890	7,573	7,571	7,565	7,450	7,269	6,895	6,724	6,715	6,745	-2.0 **	2.9 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.



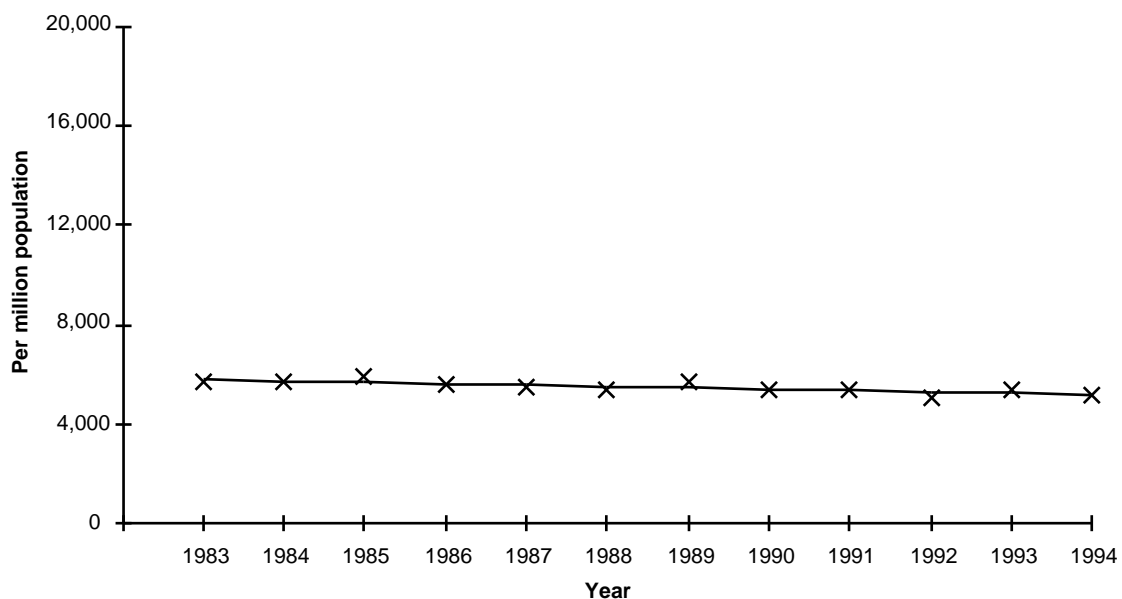
ICD-9: 001–999
All causes
South Australia
Females

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Deaths (number)															
< 25	158	139	189	148	142	132	152	141	122	121	124	102			
25–34	58	49	66	62	55	41	68	64	73	67	61	62			
35–44	87	74	74	95	98	90	99	92	111	93	112	97			
45–54	192	189	224	160	182	147	186	155	177	197	185	200			
55–59	186	177	165	188	157	178	168	152	142	149	156	138			
60–64	271	286	271	296	254	303	309	284	257	241	250	210			
65–69	377	409	349	392	448	401	440	434	446	392	436	426			
70–74	528	551	642	620	566	576	590	591	575	567	611	556			
75–84	1,396	1,388	1,570	1,471	1,515	1,574	1,675	1,685	1,753	1,701	1,877	1,814			
85+	1,151	1,297	1,376	1,340	1,360	1,455	1,567	1,507	1,596	1,585	1,701	1,864			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	1,699	1,735	1,791	1,813	1,760	1,736	1,860	1,772	1,781	1,706	1,811	1,689			
All ages	4,404	4,559	4,926	4,772	4,777	4,897	5,254	5,105	5,252	5,113	5,513	5,469			
Age-specific rates (per million population)															
< 25	598	528	725	573	554	517	597	555	480	477	492	408	-2.9 **	-14.8	
25–34	539	449	599	556	489	360	591	552	629	581	534	547	1.0	-4.6	
35–44	1,016	833	804	994	992	881	943	859	1,017	847	1,014	872	0.0	-8.1	
45–54	2,896	2,843	3,355	2,397	2,673	2,114	2,595	2,085	2,291	2,429	2,190	2,282	-2.8 **	9.6	
55–59	5,235	5,000	4,731	5,493	4,716	5,455	5,242	4,809	4,532	4,689	4,818	4,167	-1.3	-11.8	
60–64	8,190	8,344	7,772	8,463	7,257	8,699	8,906	8,286	7,582	7,325	7,840	6,713	-1.1	-13.9	
65–69	13,531	14,831	12,480	13,457	14,748	12,719	13,476	13,088	13,346	11,716	13,125	12,889	-0.9	2.6	
70–74	22,722	22,635	25,590	24,437	22,191	22,461	23,229	22,922	21,270	20,148	21,004	18,482	-1.8 **	-11.0 *	
75–84	53,226	50,661	55,163	49,777	49,235	48,862	49,665	48,263	48,861	46,422	50,174	47,664	-0.9 **	0.9	
85+	142,680	155,329	154,850	144,365	141,859	149,246	156,434	146,953	150,367	142,408	144,926	151,928	-0.1	4.1	
All ages: Crude and age-standardised rates (per million population)															
Crude	6,497	6,657	7,139	6,868	6,821	6,924	7,352	7,077	7,208	6,965	7,484	7,392			
Age std	5,705	5,696	5,973	5,612	5,479	5,437	5,715	5,418	5,410	5,128	5,382	5,140	-1.0 **	-1.8 **	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	4,480	4,495	4,571	4,561	4,361	4,232	4,467	4,197	4,161	3,944	4,157	3,842			
Age std	4,013	4,018	4,086	4,055	3,912	3,778	4,038	3,792	3,755	3,551	3,726	3,436	-1.3 **	-5.5 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.



Source: Australian Institute of Health and Welfare

All causes, South Australia, females, age-standardised mortality rates (all ages) and fitted trend

ICD-9: 401–405
Hypertensive diseaseSouth Australia
Males and females

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Males															
Deaths (number)															
< 25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	0	1	0	0	0	0	1	0	0	0	0	0	0		
35–44	0	0	1	0	0	0	1	0	1	1	0	0	0		
45–54	2	2	4	4	4	1	1	0	1	3	2	1			
55–59	2	3	5	3	2	4	0	1	1	0	0	0			
60–64	6	1	5	2	2	7	6	4	5	0	2	3			
65–69	5	5	3	3	10	9	5	3	6	6	5	5			
70–74	5	12	7	6	10	5	12	2	11	9	6	10			
75–84	18	14	16	16	14	16	25	17	20	21	16	14			
85+	5	8	10	12	1	5	5	6	6	3	9	7			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	20	24	25	18	28	26	26	10	25	19	15	19			
All ages	43	46	51	46	43	47	56	33	51	43	40	40			
Age-specific rates (per million population)															
< 25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	9	0	0	0	0	9	0	0	0	0	0			
35–44	0	0	11	0	0	0	9	0	9	9	0	0			
45–54	29	29	59	58	57	14	14	0	13	36	23	11	-9.6	-33.9	
55–59	56	83	139	85	58	120	0	31	32	0	0	0			
60–64	196	31	152	60	60	206	177	118	150	0	63	97	-3.9	15.3	
65–69	205	208	123	118	375	323	171	101	199	196	162	162	-1.9	-10.3	
70–74	274	624	351	294	486	243	590	96	502	393	252	402	-1.3	23.4	
75–84	1,111	819	892	853	710	775	1,147	749	850	873	649	558	-3.1	-26.2	
85+	1,731	2,632	3,090	3,463	283	1,385	1,328	1,541	1,450	676	1,925	1,403	-6.2	26.1	
All ages: Crude and age-standardised rates (per million population)															
Crude	64	68	75	67	62	67	79	46	71	59	55	55			
Age std	87	90	95	89	68	75	90	55	77	63	59	56	-4.2 **	-6.1	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	54	63	65	46	70	64	63	24	59	44	35	44			
Age std	52	63	61	45	70	61	62	23	57	43	33	41	-4.0 **	2.3	
Females															
Deaths (number)															
< 25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	0	0	0	0	0	0	0			
35–44	1	0	1	0	0	0	0	0	0	0	1	0			
45–54	0	0	1	0	1	1	0	0	1	1	1	0			
55–59	1	3	1	1	0	3	2	2	0	4	2	2			
60–64	0	2	2	2	0	2	2	2	3	0	2	1			
65–69	5	4	2	5	1	12	4	3	3	5	2	3			
70–74	4	6	10	9	4	6	5	6	9	7	6	5			
75–84	33	16	18	14	14	17	26	22	18	24	22	23			
85+	21	11	22	26	18	27	19	31	27	17	22	32			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	11	15	17	17	6	24	13	13	16	17	14	11			
All ages	65	42	57	57	38	68	58	66	61	58	58	66			
Age-specific rates (per million population)															
< 25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	0	0	0	0	0	0	0			
35–44	12	0	11	0	0	0	0	0	0	0	9	0			
45–54	0	0	15	0	15	14	0	0	13	12	12	0			
55–59	28	85	29	29	0	92	62	63	0	126	62	60			
60–64	0	58	57	57	0	57	58	58	89	0	63	32			
65–69	179	145	72	172	33	381	123	90	90	149	60	91	-4.6	-13.3	
70–74	172	246	399	355	157	234	197	233	333	249	206	166	-2.2	-30.5	
75–84	1,258	584	632	474	455	528	771	630	502	655	588	604	-2.8	16.5	
85+	2,603	1,317	2,476	2,801	1,878	2,770	1,897	3,023	2,544	1,527	1,874	2,608	-0.1	24.5	
All ages: Crude and age-standardised rates (per million population)															
Crude	96	61	83	82	54	96	81	91	84	79	79	89			
Age std	82	51	66	63	40	73	60	65	59	56	54	56	-1.7 **	2.3	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	29	39	43	43	15	59	31	31	37	39	32	25			
Age std	26	33	37	36	13	51	27	27	32	34	29	21	-1.3 *	-31.8 **	

Trend: estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.

ICD-9: 410
Acute myocardial infarction
South Australia
Males and females

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests	
													Trend	RD
Males														
Deaths (number)														
< 25	0	2	0	0	1	0	0	1	0	0	0	0		
25–34	3	13	3	1	2	2	3	3	2	0	3	2		
35–44	20	21	24	31	19	28	15	18	8	17	17	11		
45–54	96	96	95	76	73	83	57	58	50	55	41	57		
55–59	131	111	107	97	89	87	80	59	57	54	55	30		
60–64	168	172	150	171	146	165	140	123	99	104	85	77		
65–69	232	169	195	186	195	210	157	189	164	154	159	145		
70–74	237	256	204	240	251	257	224	185	211	199	197	179		
75–84	362	347	360	414	377	373	471	381	430	389	359	388		
85+	99	105	120	103	131	114	137	133	148	129	134	157		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	887	838	778	802	775	832	676	635	591	583	557	501		
All ages	1,348	1,292	1,258	1,319	1,284	1,319	1,284	1,150	1,169	1,101	1,050	1,046		
Age-specific rates (per million population)														
< 25	0	7	0	0	4	0	0	4	0	0	0	0		
25–34	28	118	27	9	17	17	26	26	17	0	26	17	-13.2 *	78.2
35–44	230	233	255	318	190	272	142	167	73	155	154	99	-7.9 **	-19.6
45–54	1,413	1,413	1,400	1,110	1,047	1,167	780	767	638	667	478	641	-9.1 **	27.1
55–59	3,640	3,082	2,968	2,743	2,599	2,610	2,448	1,854	1,803	1,689	1,700	910	-8.5 **	-39.7 *
60–64	5,499	5,377	4,569	5,153	4,357	4,865	4,132	3,626	2,961	3,200	2,693	2,490	-6.8 **	-9.9
65–69	9,509	7,033	7,996	7,307	7,303	7,542	5,375	6,356	5,432	5,034	5,159	4,707	-5.5 **	-0.4
70–74	12,993	13,318	10,226	11,779	12,189	12,503	11,013	8,868	9,625	8,691	8,276	7,188	-4.7 **	-13.3
75–84	22,348	20,296	20,065	22,073	19,120	18,058	21,616	16,784	18,279	16,163	14,551	15,454	-3.3 **	0.1
85+	34,280	34,539	37,083	29,726	37,048	31,588	36,378	34,164	35,757	29,054	28,663	31,463	-1.3	2.4
All ages: Crude and age-standardised rates (per million population)														
Crude	2,018	1,913	1,847	1,918	1,854	1,891	1,823	1,618	1,629	1,522	1,446	1,434		
Age std	2,438	2,272	2,177	2,203	2,103	2,079	2,026	1,764	1,759	1,595	1,489	1,458	-4.4 **	-3.5 **
Ages 25–74: Crude and age-standardised rates (per million population)														
Crude	2,378	2,207	2,014	2,039	1,941	2,053	1,643	1,523	1,400	1,364	1,291	1,149		
Age std	2,306	2,132	1,950	1,974	1,879	1,994	1,600	1,480	1,353	1,311	1,233	1,088	-6.2 **	-8.2 **
Females														
Deaths (number)														
< 25	0	1	0	0	2	0	0	0	0	0	0	0		
25–34	1	0	1	0	2	0	2	0	1	0	1	1		
35–44	8	3	4	2	4	2	2	6	5	3	2	1		
45–54	26	13	26	11	17	13	18	5	11	12	6	5		
55–59	34	28	24	33	28	21	18	11	10	17	12	12		
60–64	64	63	50	50	52	45	49	36	41	37	34	23		
65–69	104	97	83	96	102	77	103	103	73	56	74	53		
70–74	136	144	167	158	163	144	139	126	112	104	117	92		
75–84	357	333	372	364	380	390	393	376	404	355	348	370		
85+	230	226	247	247	261	261	263	293	293	321	294	332		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	373	348	355	350	368	302	331	287	253	229	246	187		
All ages	960	908	974	961	1,011	953	987	956	950	905	888	889		
Age-specific rates (per million population)														
< 25	0	4	0	0	8	0	0	0	0	0	0	0		
25–34	9	0	9	0	18	0	17	0	9	0	9	9		
35–44	93	34	43	21	41	20	19	56	46	27	18	9	-9.4	-60.7
45–54	392	196	389	165	250	187	251	67	142	148	71	57	-12.7 **	-36.1
55–59	957	791	688	964	841	644	562	348	319	535	371	362	-8.9 **	4.6
60–64	1,934	1,838	1,434	1,430	1,486	1,292	1,412	1,050	1,210	1,125	1,066	735	-6.3 **	-24.0
65–69	3,733	3,517	2,968	3,296	3,358	2,442	3,155	3,106	2,184	1,674	2,228	1,604	-6.2 **	-20.2
70–74	5,853	5,915	6,657	6,228	6,391	5,615	5,473	4,887	4,143	3,696	4,022	3,058	-5.7 **	-21.3
75–84	13,611	12,154	13,071	12,317	12,349	12,107	11,653	10,770	11,261	9,688	9,302	9,722	-3.1 **	1.8
85+	28,511	27,066	27,797	26,611	27,224	26,772	26,255	28,571	27,605	28,841	25,049	27,060	-0.2	0.8
All ages: Crude and age-standardised rates (per million population)														
Crude	1,416	1,326	1,412	1,383	1,444	1,347	1,381	1,325	1,304	1,233	1,205	1,202		
Age std	1,233	1,121	1,163	1,109	1,137	1,032	1,047	975	939	862	826	785	-3.7 **	-5.8 **
Ages 25–74: Crude and age-standardised rates (per million population)														
Crude	984	902	906	881	912	736	795	680	591	529	565	425		
Age std	863	779	785	752	787	634	694	590	513	460	483	361	-6.5 **	-20.8 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.

ICD-9: 411–414
Other ischaemic heart disease
South Australia
Males and females

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Males															
Deaths (number)															
< 25	0	0	0	0	1	0	0	1	0	0	0	0	0		
25–34	0	0	0	0	0	3	0	1	0	0	1	0	0		
35–44	2	7	2	7	2	4	13	6	9	8	10	5			
45–54	11	14	20	17	19	18	21	20	28	18	15	25			
55–59	20	27	17	24	26	15	34	37	25	27	16	23			
60–64	29	33	32	34	37	31	43	48	52	38	42	43			
65–69	49	60	48	54	69	59	84	66	54	59	68	70			
70–74	70	66	74	64	65	69	82	85	78	66	100	109			
75–84	112	118	129	135	141	149	163	167	182	171	178	195			
85+	46	53	70	65	70	68	83	69	81	68	89	102			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	181	207	193	200	218	199	277	263	246	216	252	275			
All ages	339	378	392	400	430	416	523	500	509	455	519	572			
Age-specific rates (per million population)															
< 25	0	0	0	0	4	0	0	4	0	0	0	0			
25–34	0	0	0	0	0	26	0	9	0	0	9	0			
35–44	23	78	21	72	20	39	123	56	82	73	90	45	5.6	–54.6	
45–54	162	206	295	248	273	253	287	264	357	218	175	281	1.3	7.1	
55–59	556	750	472	679	759	450	1,040	1,163	791	844	494	698	2.1	–18.8	
60–64	949	1,032	975	1,025	1,104	914	1,269	1,415	1,555	1,169	1,330	1,391	3.9 *	–5.3	
65–69	2,008	2,497	1,968	2,121	2,584	2,119	2,876	2,220	1,788	1,929	2,206	2,273	–0.4	6.9	
70–74	3,838	3,434	3,709	3,141	3,156	3,357	4,032	4,074	3,558	2,882	4,201	4,377	1.3	18.5	
75–84	6,914	6,902	7,190	7,198	7,151	7,213	7,481	7,357	7,737	7,105	7,215	7,767	0.7	4.1	
85+	15,928	17,434	21,632	18,759	19,796	18,842	22,039	17,724	19,570	15,315	19,037	20,441	0.3	10.3	
All ages: Crude and age-standardised rates (per million population)															
Crude	508	560	575	582	621	596	742	704	709	629	715	784			
Age std	672	711	734	713	741	704	845	782	783	674	751	803	0.9 **	3.9 **	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	485	545	500	508	546	491	673	631	583	505	584	631			
Age std	477	535	489	494	528	479	656	614	564	486	558	596	1.5 **	2.8	
Females															
Deaths (number)															
< 25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	1	0	0	0	0	1	1	1			
35–44	0	1	0	2	1	0	0	0	0	1	2	2			
45–54	2	1	8	5	6	5	5	1	3	6	5	7			
55–59	5	4	7	7	6	8	3	7	4	5	6	6			
60–64	16	10	16	17	12	12	17	16	12	11	12	8			
65–69	18	22	11	27	34	22	25	21	29	22	25	20			
70–74	36	31	46	37	41	47	36	46	46	43	48	38			
75–84	107	120	137	133	124	117	161	140	149	165	171	168			
85+	106	109	141	132	137	167	152	162	170	178	191	218			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	77	69	88	95	101	94	86	91	94	89	99	82			
All ages	290	298	366	360	362	378	399	393	413	432	461	468			
Age-specific rates (per million population)															
< 25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	9	0	0	0	0	9	9	9			
35–44	0	11	0	21	10	0	0	0	0	9	18	18			
45–54	30	15	120	75	88	72	70	13	39	74	59	80	1.3	36.1	
55–59	141	113	201	205	180	245	94	221	128	157	185	181	0.9	1.6	
60–64	484	292	459	486	343	345	490	467	354	334	376	256	–2.4	–31.5	
65–69	646	798	393	927	1,119	698	766	633	868	658	753	605	–0.5	–21.4	
70–74	1,549	1,273	1,834	1,458	1,607	1,833	1,417	1,784	1,702	1,528	1,650	1,263	–0.3	–25.1	
75–84	4,080	4,380	4,814	4,501	4,030	3,632	4,774	4,010	4,153	4,503	4,571	4,414	0.3	1.1	
85+	13,140	13,054	15,868	14,221	14,290	17,130	15,174	15,797	16,017	15,993	16,273	17,768	2.1 *	5.0	
All ages: Crude and age-standardised rates (per million population)															
Crude	428	435	530	518	517	534	558	545	567	589	626	633			
Age std	361	360	422	406	395	395	408	391	397	402	416	404	0.7 **	–2.7	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	203	179	225	239	250	229	207	216	220	206	227	187			
Age std	174	155	191	208	218	197	180	187	188	178	195	160	–0.2	–17.5 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.

ICD-9: 428
Heart failureSouth Australia
Males and females

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Males															
Deaths (number)															
< 25	1	0	1	1	0	0	0	0	0	0	0	0	0		
25–34	1	0	0	0	0	0	0	1	0	0	0	0	0		
35–44	1	2	0	0	0	0	0	0	0	0	0	0	0		
45–54	5	6	3	0	0	4	1	1	2	2	2	2	1		
55–59	4	3	2	2	1	0	0	1	1	1	1	2	0		
60–64	9	5	3	4	2	4	4	3	0	5	5	5	3		
65–69	6	6	7	1	4	6	6	7	7	10	1	10			
70–74	13	15	9	10	10	9	8	7	10	11	7	8			
75–84	36	38	42	42	30	36	31	29	42	41	44	39			
85+	20	22	28	25	39	31	24	38	22	24	45	38			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	39	37	24	17	17	23	19	20	20	29	17	22			
All ages	96	97	95	85	86	90	74	87	84	94	106	99			
Age-specific rates (per million population)															
< 25	4	0	4	4	0	0	0	0	0	0	0	0			
25–34	9	0	0	0	0	0	0	9	0	0	0	0			
35–44	12	22	0	0	0	0	0	0	0	0	0	0			
45–54	74	88	44	0	0	56	14	13	26	24	23	11	-13.7 *	-11.2	
55–59	111	83	55	57	29	0	0	31	32	31	62	0			
60–64	295	156	91	121	60	118	118	88	0	154	158	97	-6.2	25.1	
65–69	246	250	287	39	150	215	205	235	232	327	32	325	0.9	82.0	
70–74	713	780	451	491	486	438	393	336	456	480	294	321	-6.5 *	2.4	
75–84	2,222	2,223	2,341	2,239	1,521	1,743	1,423	1,278	1,785	1,704	1,783	1,553	-3.4 *	6.0	
85+	6,925	7,237	8,653	7,215	11,029	8,590	6,373	9,761	5,315	5,405	9,626	7,615	-0.5	0.4	
All ages: Crude and age-standardised rates (per million population)															
Crude	144	144	139	124	124	129	105	122	117	130	146	136			
Age std	201	203	202	173	178	173	136	161	139	147	173	151	-3.0 **	7.8 *	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	105	97	62	43	43	57	46	48	47	68	39	50			
Age std	101	95	62	41	42	56	45	47	46	65	38	48	-6.3 **	31.8 **	
Females															
Deaths (number)															
< 25	0	0	1	1	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	0	0	1	0	0	1	0			
35–44	2	1	0	0	0	0	1	0	0	0	0	1			
45–54	1	0	2	0	0	0	1	0	1	0	1	0			
55–59	1	1	1	0	0	1	0	0	0	1	0	0			
60–64	1	3	3	1	3	2	1	0	4	4	0	1			
65–69	6	1	4	2	2	1	3	0	3	4	0	4			
70–74	7	5	9	6	8	7	8	5	6	10	8	8			
75–84	27	36	44	44	44	40	51	42	51	48	53	50			
85+	56	71	71	81	79	87	76	83	71	79	87	94			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	18	11	19	9	13	11	14	7	13	20	9	14			
All ages	101	118	135	135	136	138	141	132	135	147	149	158			
Age-specific rates (per million population)															
< 25	0	0	4	4	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	0	0	9	0	0	9	0			
35–44	23	11	0	0	0	0	10	0	0	0	0	9			
45–54	15	0	30	0	0	0	14	13	0	12	0	0			
55–59	28	28	29	0	0	31	0	0	0	31	0	0			
60–64	30	88	86	29	86	57	29	0	118	122	0	32			
65–69	215	36	143	69	66	32	92	0	90	120	0	121	-6.1	234.8	
70–74	301	205	359	236	314	273	315	194	222	355	275	266	-0.2	-4.1	
75–84	1,029	1,314	1,546	1,489	1,430	1,242	1,512	1,203	1,422	1,310	1,417	1,314	0.3	-6.4	
85+	6,942	8,503	7,990	8,727	8,240	8,924	7,587	8,094	6,689	7,098	7,412	7,662	-1.0	5.1	
All ages: Crude and age-standardised rates (per million population)															
Crude	149	172	196	194	194	195	197	183	185	200	202	214			
Age std	123	136	152	143	139	136	138	123	124	132	125	128	-0.8 **	1.0	
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	47	29	48	23	32	27	34	17	30	46	21	32			
Age std	43	24	42	19	27	23	29	15	26	40	16	26	-3.3 **	23.1 *	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.

ICD-9: 428.0
Congestive heart failure
South Australia
Males and females

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Males															
Deaths (number)															
< 25	1	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	0	0	0	0	0	0	0	1	0	0	0	0	0		
35–44	1	1	0	0	0	0	0	0	0	0	0	0	0		
45–54	2	3	1	0	0	3	1	0	2	2	1	0	0		
55–59	1	0	0	1	0	0	0	0	1	1	2	0	0		
60–64	4	4	1	4	1	3	4	2	0	5	5	2	2		
65–69	4	5	4	1	3	4	4	6	4	7	0	5	5		
70–74	7	12	9	9	8	8	6	5	8	11	6	3	3		
75–84	29	32	36	31	24	31	24	24	31	32	26	27	27		
85+	18	17	25	23	31	22	20	24	17	19	28	21	21		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	19	25	15	15	12	18	15	14	15	26	14	10	10		
All ages	67	74	76	69	67	71	59	62	63	77	68	58	58		
Age-specific rates (per million population)															
< 25	4	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	0	0	0	0	0	0	0	9	0	0	0	0	0		
35–44	12	11	0	0	0	0	0	0	0	0	0	0	0		
45–54	29	44	15	0	0	42	14	0	26	24	12	0	0		
55–59	28	0	0	28	0	0	0	0	32	31	62	0	0		
60–64	131	125	30	121	30	88	118	59	0	154	158	65	65	-0.1	-34.2
65–69	164	208	164	39	112	144	137	202	132	229	0	162	162	-1.7	40.9
70–74	384	624	451	442	388	389	295	240	365	480	252	120	120	-6.7 *	-59.2
75–84	1,790	1,872	2,006	1,653	1,217	1,501	1,101	1,057	1,318	1,330	1,054	1,075	1,075	-5.3 **	6.7
85+	6,233	5,592	7,726	6,638	8,767	6,096	5,311	6,165	4,107	4,279	5,989	4,208	4,208	-4.0 *	-14.3
All ages: Crude and age-standardised rates (per million population)															
Crude	100	110	112	100	97	102	84	87	88	106	94	80	80		
Age std	150	159	166	142	139	134	109	112	104	120	110	88	88	-4.7 **	-11.6 **
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	51	66	39	38	30	44	36	34	36	61	32	23	23		
Age std	51	66	39	36	30	44	36	33	35	58	31	22	22	-4.3 **	-36.4 **
Females															
Deaths (number)															
< 25	0	0	0	1	0	0	0	0	0	0	0	0	0		
25–34	0	0	0	0	0	0	0	0	0	0	1	0	0		
35–44	1	0	0	0	0	0	0	0	0	0	0	0	0		
45–54	0	0	1	0	0	0	0	1	0	1	0	0	0		
55–59	1	0	1	0	0	0	0	0	0	1	0	0	0		
60–64	1	3	1	1	2	0	1	0	4	2	0	1	1		
65–69	3	1	3	2	1	1	2	0	2	4	0	2	2		
70–74	4	4	7	5	6	6	6	5	4	8	7	8	8		
75–84	20	26	37	31	35	27	41	36	44	42	31	31	31		
85+	50	64	57	64	65	66	62	52	47	59	62	63	63		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	10	8	13	8	9	7	9	6	10	16	8	11	11		
All ages	80	98	107	104	109	100	112	94	101	117	101	105	105		
Age-specific rates (per million population)															
< 25	0	0	0	4	0	0	0	0	0	0	0	0	0		
25–34	0	0	0	0	0	0	0	0	0	0	9	0	0		
35–44	12	0	0	0	0	0	0	0	0	0	0	0	0		
45–54	0	0	15	0	0	0	0	13	0	12	0	0	0		
55–59	28	0	29	0	0	0	0	0	0	31	0	0	0		
60–64	30	88	29	29	57	0	29	0	118	61	0	32	32		
65–69	108	36	107	69	33	32	61	0	60	120	0	61	61		
70–74	172	164	279	197	235	234	236	194	148	284	241	266	266	2.2	10.4
75–84	763	949	1,300	1,049	1,137	838	1,216	1,031	1,226	1,146	829	815	815	-0.5	-24.7
85+	6,198	7,665	6,415	6,895	6,780	6,770	6,189	5,071	4,428	5,301	5,282	5,135	5,135	-3.4 *	6.0
All ages: Crude and age-standardised rates (per million population)															
Crude	118	143	155	150	156	141	157	130	139	159	137	142	142		
Age std	96	112	120	110	111	98	109	89	94	105	84	85	85	-2.1 **	-7.3 *
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	26	21	33	20	22	17	22	14	23	37	18	25	25		
Age std	24	17	29	17	18	14	18	12	20	32	15	20	20	-0.7	8.1

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.

**ICD-9: 440
Atherosclerosis**
**South Australia
Males and females**

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Males															
Deaths (number)															
< 25	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–34	0	0	0	0	0	0	0	0	0	0	0	0	0		
35–44	0	0	0	0	0	0	0	0	0	0	0	0	0		
45–54	0	0	0	0	0	0	0	0	0	0	0	0	1		
55–59	0	1	1	0	0	0	0	0	0	0	0	0	0		
60–64	0	0	0	1	3	1	1	1	1	3	0	1			
65–69	3	4	3	8	4	2	2	2	3	3	3	2			
70–74	4	5	3	8	4	8	2	3	4	3	4	4			
75–84	13	17	14	16	20	18	24	18	19	15	16	12			
85+	11	21	14	21	17	21	16	8	12	12	17	12			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	7	10	7	17	11	11	5	6	8	9	7	8			
All ages	31	48	35	54	48	50	45	32	39	36	40	32			
Age-specific rates (per million population)															
< 25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	0	0	0	0	0	0	0			
35–44	0	0	0	0	0	0	0	0	0	0	0	0			
45–54	0	0	0	0	0	0	0	0	0	0	0	11			
55–59	0	28	28	0	0	0	0	0	0	0	0	0			
60–64	0	0	0	30	90	29	30	29	30	92	0	32			
65–69	123	166	123	314	150	72	68	67	99	98	97	65	-7.9	-14.3	
70–74	219	260	150	393	194	389	98	144	182	131	168	161	-5.2	8.0	
75–84	803	994	780	853	1,014	871	1,101	793	808	623	649	478	-4.0	-33.2	
85+	3,809	6,908	4,326	6,061	4,808	5,819	4,249	2,055	2,899	2,703	3,636	2,405	-7.1 **	-14.1	
All ages: Crude and age-standardised rates (per million population)															
Crude	46	71	51	79	69	72	64	45	54	50	55	44			
Age std	75	113	78	111	97	98	85	55	67	59	65	48	-5.3 **	-20.8 **	
Age 25–74: Crude and age-standardised rates (per million population)															
Crude	19	26	18	43	28	27	12	14	19	21	16	18			
Age std	20	27	18	44	27	27	12	14	18	20	15	17	-4.7 **	6.6	
Females															
Deaths (number)															
< 25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	0	0	0	0	0	0	0			
35–44	0	0	0	0	0	0	0	0	0	0	0	0			
45–54	0	0	0	1	0	1	0	0	0	0	0	1			
55–59	0	0	0	0	1	1	0	0	0	1	0	1			
60–64	0	0	0	0	1	0	1	2	0	1	1	0			
65–69	1	3	3	3	0	0	0	0	1	2	1	4			
70–74	5	4	3	3	3	0	5	3	1	1	1	5			
75–84	19	23	20	20	25	23	19	17	18	20	16	15			
85+	50	62	55	30	41	47	54	33	35	31	33	28			
Not stated	0	0	0	0	0	0	0	0	0	0	0	0			
25–74	6	7	6	7	5	2	6	5	2	5	3	11			
All ages	75	92	81	57	71	72	79	55	55	56	52	54			
Age-specific rates (per million population)															
< 25	0	0	0	0	0	0	0	0	0	0	0	0			
25–34	0	0	0	0	0	0	0	0	0	0	0	0			
35–44	0	0	0	0	0	0	0	0	0	0	0	0			
45–54	0	0	0	15	0	14	0	0	0	0	0	11			
55–59	0	0	0	0	30	31	0	0	0	31	0	30			
60–64	0	0	0	0	29	0	29	58	0	30	31	0			
65–69	36	109	107	103	0	0	0	0	30	60	30	121			
70–74	215	164	120	118	118	0	197	116	37	36	34	166	-7.3	322.6	
75–84	724	839	703	677	812	714	563	487	502	546	428	394	-6.0 *	-11.0	
85+	6,198	7,425	6,190	3,232	4,277	4,821	5,391	3,218	3,298	2,785	2,812	2,282	-8.8 **	-10.7	
All ages: Crude and age-standardised rates (per million population)															
Crude	111	134	117	82	101	102	111	76	75	76	71	73			
Age std	88	105	88	62	73	71	75	52	49	50	43	46	-7.2 **	9.6	
Age 25–74: Crude and age-standardised rates (per million population)															
Crude	16	18	15	18	12	5	14	12	5	12	7	25			
Age std	13	16	13	16	10	5	12	10	4	10	6	21	-2.3 *	240.8 **	

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.

ICD-9: 441–444
Peripheral vascular disease
South Australia
Males and females

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests		
													Trend	RD	
Males															
Deaths (number)															
< 25	0	2	0	2	0	0	1	0	1	0	0	0	0		
25–34	1	1	0	0	1	0	0	2	0	0	0	1	0		
35–44	0	1	0	0	1	0	2	0	2	0	0	0	0		
45–54	0	3	1	1	5	3	1	6	4	3	3	3	3		
55–59	3	4	9	6	3	3	3	4	3	8	3	5	5		
60–64	9	9	8	8	4	9	11	10	8	12	4	3	3		
65–69	19	12	19	9	22	15	13	28	18	20	20	20	20		
70–74	22	22	17	17	31	23	28	21	22	18	26	26	26		
75–84	33	35	37	41	29	35	47	45	50	53	50	50	50		
85+	10	11	10	10	14	18	12	16	22	16	19	29	29		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	54	52	54	41	67	53	58	71	57	61	57	57	57		
All ages	97	100	101	94	110	106	118	132	130	130	126	136			
Age-specific rates (per million population)															
< 25	0	7	0	7	0	0	4	0	4	0	0	0	0		
25–34	9	9	0	0	9	0	0	17	0	0	9	0	0		
35–44	0	11	0	0	10	0	19	0	18	0	0	0	0		
45–54	0	44	15	15	72	42	14	79	51	36	35	34	34	5.5	–39.6
55–59	83	111	250	170	88	90	92	126	95	250	93	152	152	0.8	12.9
60–64	295	281	244	241	119	265	325	295	239	369	127	97	97	–2.8	–60.7
65–69	779	499	779	354	824	539	445	942	596	654	649	649	649	0.3	–1.1
70–74	1,206	1,145	852	834	1,505	1,119	1,377	1,007	1,004	786	1,092	1,044	1,044	–1.0	3.6
75–84	2,037	2,047	2,062	2,186	1,471	1,694	2,157	1,982	2,125	2,202	2,027	1,992	1,992	0.5	–4.0
85+	3,463	3,618	3,090	2,886	3,959	4,988	3,186	4,110	5,315	3,604	4,064	5,812	5,812	4.1	30.3
All ages: Crude and age-standardised rates (per million population)															
Crude	145	148	148	137	159	152	168	186	181	180	173	186	186		
Age std	187	187	180	165	183	180	187	203	201	191	181	193	193	0.6 **	0.0
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	145	137	140	104	168	131	141	170	135	143	132	131	131		
Age std	145	135	135	100	167	127	139	166	131	137	125	122	122	–0.4	–10.8 **
Females															
Deaths (number)															
< 25	0	0	0	0	0	0	1	0	0	0	0	0	0		
25–34	0	1	0	0	0	0	1	0	0	0	0	0	0		
35–44	1	1	0	1	0	0	0	0	0	0	1	1	0		
45–54	0	1	1	0	0	1	1	1	0	0	0	0	0		
55–59	1	2	1	2	1	2	2	1	1	2	2	1	1		
60–64	3	1	1	1	2	2	2	7	1	2	0	3	3		
65–69	4	4	5	4	6	6	4	10	11	5	3	2	2		
70–74	9	7	7	4	6	5	12	13	11	5	8	4	4		
75–84	19	17	27	26	25	27	27	33	27	31	40	23	23		
85+	18	16	18	24	20	23	30	29	22	26	28	27	27		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	18	17	15	12	15	16	22	32	24	15	14	10	10		
All ages	55	50	60	62	60	66	80	94	73	72	82	60			
Age-specific rates (per million population)															
< 25	0	0	0	0	0	0	4	0	0	0	0	0	0		
25–34	0	9	0	0	0	0	9	0	0	0	0	0	0		
35–44	12	11	0	10	0	0	0	0	0	9	9	0	0		
45–54	0	15	15	0	0	14	14	13	0	0	0	0	0		
55–59	28	57	29	58	30	61	62	32	32	63	62	30	30		
60–64	91	29	29	29	57	57	58	204	30	61	0	96	96	2.9	54.7
65–69	144	145	179	137	198	190	123	302	329	149	90	61	61	–1.1	–70.6
70–74	387	288	279	158	235	195	472	504	407	178	275	133	133	–1.8	–58.6
75–84	724	620	949	880	812	838	801	945	753	846	1,069	604	604	0.6	–37.2
85+	2,231	1,916	2,026	2,586	2,086	2,359	2,995	2,828	2,073	2,336	2,386	2,201	2,201	0.7	–13.6
All ages: Crude and age-standardised rates (per million population)															
Crude	81	73	87	89	86	93	112	130	100	98	111	81	81		
Age std	69	61	71	70	66	70	83	97	72	69	75	52	52	0.1	–35.3 **
Ages 25–74: Crude and age-standardised rates (per million population)															
Crude	47	44	38	30	37	39	53	76	56	35	32	23	23		
Age std	42	39	34	27	32	34	46	66	48	31	27	20	20	–1.3 *	–49.9 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.

ICD-9: 415–427, 429, 446–459
Other diseases of the circulatory system
South Australia
Males and females

Age group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	Statistical tests	
													Trend	RD
Males														
Deaths (number)														
< 25	4	9	5	5	3	6	3	4	3	3	1	0		
25–34	2	2	3	4	1	2	8	2	3	3	3	2		
35–44	5	8	12	7	2	9	4	3	8	6	4	2		
45–54	13	13	9	7	14	14	10	12	11	12	7	11		
55–59	14	18	13	13	18	9	7	9	9	12	13	8		
60–64	16	13	15	27	19	21	18	15	13	14	13	9		
65–69	23	16	23	19	29	17	34	18	21	27	32	26		
70–74	23	23	32	28	40	19	19	27	27	37	29	25		
75–84	56	53	49	59	56	51	56	55	48	62	60	66		
85+	25	29	36	26	29	25	24	22	24	24	24	38		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	96	93	107	105	123	91	100	86	92	111	101	83		
All ages	181	184	197	195	211	173	183	167	167	200	186	187		
Age-specific rates (per million population)														
< 25	14	33	18	18	11	22	11	15	11	11	4	0	-12.1 *	-100.0
25–34	18	18	27	35	9	17	68	17	26	26	26	17	1.0	-44.6
35–44	58	89	128	72	20	87	38	28	73	55	36	18	-8.5 *	-54.5
45–54	191	191	133	102	201	197	137	159	140	146	82	124	-3.9	4.9
55–59	389	500	361	368	526	270	214	283	285	375	402	243	-3.6	-19.7
60–64	524	406	457	814	567	619	531	442	389	431	412	291	-3.7	-32.8
65–69	943	666	943	746	1,086	611	1,164	605	696	883	1,038	844	0.3	-3.7
70–74	1,261	1,197	1,604	1,374	1,942	924	934	1,294	1,232	1,616	1,218	1,004	-1.5	-21.9
75–84	3,457	3,100	2,731	3,146	2,840	2,469	2,570	2,423	2,040	2,576	2,432	2,629	-2.7 *	21.3
85+	8,657	9,539	11,125	7,504	8,201	6,927	6,373	5,651	5,799	5,405	5,134	7,615	-4.8 *	63.3 *
All ages: Crude and age-standardised rates (per million population)														
Crude	271	272	289	284	305	248	260	235	233	276	256	256		
Age std	355	347	365	341	351	285	291	260	252	291	264	266	-3.3 **	7.8 **
Ages 25–74: Crude and age-standardised rates (per million population)														
Crude	257	245	277	267	308	224	243	206	218	260	234	190		
Age std	252	236	274	256	298	219	236	202	212	251	225	181	-2.3 **	-17.5 **
Females														
Deaths (number)														
< 25	0	4	4	2	5	2	4	0	1	6	6	1		
25–34	2	2	2	3	2	1	5	3	0	3	2	1		
35–44	1	4	1	2	3	3	3	2	2	4	3	3		
45–54	2	8	3	6	6	4	6	9	4	4	1	13		
55–59	2	1	7	5	5	7	4	3	8	9	3	6		
60–64	6	9	9	13	9	15	14	13	5	9	2	9		
65–69	7	15	7	8	4	11	16	11	10	13	18	14		
70–74	18	19	21	22	18	15	21	17	17	16	18	19		
75–84	65	52	67	63	70	60	58	63	61	80	82	60		
85+	85	77	96	83	79	66	84	62	77	89	100	82		
Not stated	0	0	0	0	0	0	0	0	0	0	0	0		
25–74	38	58	50	59	47	56	69	58	46	58	47	65		
All ages	188	191	217	207	201	184	215	183	185	233	235	208		
Age-specific rates (per million population)														
< 25	0	15	15	8	20	8	16	0	4	24	24	4	3.5	-78.3
25–34	19	18	18	27	18	9	43	26	0	26	18	9	-2.5	-55.4
35–44	12	45	11	21	30	29	29	19	18	36	27	27	1.9	-5.4
45–54	30	120	45	90	88	58	84	121	52	49	12	148	1.5	193.7 *
55–59	56	28	201	146	150	215	125	95	255	283	93	181	6.9	-21.4
60–64	181	263	258	372	257	431	403	379	148	274	63	288	-1.6	18.8
65–69	251	544	250	275	132	349	490	332	299	389	542	424	3.9	-3.9
70–74	775	781	837	867	706	585	827	659	629	569	619	632	-2.9	8.5
75–84	2,478	1,898	2,354	2,132	2,275	1,863	1,720	1,804	1,700	2,183	2,192	1,577	-2.0	-16.6
85+	10,537	9,222	10,804	8,942	8,240	6,770	8,386	6,046	7,255	7,996	8,520	6,684	-3.2 **	-3.9
All ages: Crude and age-standardised rates (per million population)														
Crude	277	279	315	298	287	260	301	254	254	317	319	281		
Age std	232	233	249	234	222	199	228	191	182	227	215	194	-1.7 **	-2.5
Ages 25–74: Crude and age-standardised rates (per million population)														
Crude	100	150	128	148	116	137	166	137	107	134	108	148		
Age std	88	137	110	131	105	122	150	126	96	123	94	134	0.4	17.1 **

Trend: Estimated annual change (%).

RD: Relative difference between observed and projected rate for 1994, as % of projected value.

Significance level: *p < 0.05, **p < 0.01.

Total deaths for residual causes

**South Australia
Males and females**

Total number of deaths classified by year and sex for causes of death which do not meet the criteria for a full mortality surveillance profile.

ICD-9: 390–398

Rheumatic fever and rheumatic heart disease

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Males	19	16	20	15	9	12	12	9	10	11	7	13
Females	31	27	24	21	22	26	27	29	37	20	26	30