



Population Health Profiles for Victorian Divisions of General Practice

Adapted for the Lifescripts Workshop

25 May 2006

NOTES:

Maps and supporting data, together with other publications on population health, are available from the Public Health Information Development Unit (PHIDU) at The University of Adelaide's website (www.publichealth.gov.au)

The data in this report are designed to be used for needs assessment and planning purposes: while they are based on the best available data and analytic processes, data available by postcode or Statistical Local Area, as used in this report, cannot be precisely translated to Division. Division totals in the report should, therefore, be seen as estimates. Interpretation of differences between data in this profile and similar data from other sources, need to be undertaken with care as such differences may be due to the use of different methodology to produce the data.

Population Health Profile

Introduction

This profile has been designed to provide a description of the population of the each division and aspects of their health. Its purpose is to provide information to support a population health approach, which aims to improve the health of the entire population and to reduce health inequalities among population groups.

Table 1: Population data by age group, Indigenous status, per FTE GP and premature death rates.

	Population				Population per FTE GP		Premature Death Rate*	
	Total	65+	<25	Indigenous	DIV	AUST	DIV	AUST
Ballarat & District	120,277	13.8%	34.9%	0.9%	1,687	1,403	337.5	290.4
Bendigo & District	102,442	14.9%	34.4%	1.0%	1,613	1,403	321.1	290.4
Border	101,192	13.1%	36.0%	1.5%	1,786	1,403	320.5	290.4
Central Bayside	175,138	16.2%	30.4%	0.2%	1,345	1,403	253.9	290.4
Central Highlands	166,774	9.4%	36.6%	0.6%	1,473	1,403	298.9	290.4
Central West Gippsland	108,687	13.7%	34.7%	1.1%	1,409	1,403	350.3	290.4
Dandenong	301,922	9.4%	37.1%	0.5%	1,384	1,403	284.0	290.4
East Gippsland	75,561	17.5%	31.1%	1.9%	1,416	1,403	359.2	290.4
Eastern Ranges	215,708	9.6%	36.1%	0.5%	2,035	1,403	262.5	290.4
Geelong	229,906	15.5%	32.6%	0.7%	1,503	1,403	304.0	290.4
Goulburn Valley	103,469	14.5%	34.0%	2.1%	1,831	1,403	315.1	290.4
Greater South Eastern	185,783	15.9%	30.8%	0.2%	1,207	1,403	231.7	290.4
Inner Eastern Melb	202,775	15.2%	31.9%	0.1%	1,338	1,403	227.5	290.4
Knox	198,747	9.8%	35.3%	0.3%	1,550	1,403	267.2	290.4
Mallee	87,565	14.7%	34.4%	3.6%	1,798	1,403	329.7	290.4
Melbourne	180,237	10.2%	30.9%	0.4%	799	1,403	275.4	290.4
Monash	137,211	16.1%	30.2%	0.2%	1,309	1,403	253.2	290.4
Mornington Peninsula	276,388	15.9%	31.8%	0.5%	1,661	1,403	306.3	290.4
Murray Plains	64,872	17.9%	31.4%	1.8%	1,538	1,403	328.2	290.4
North East Valley	232,366	12.5%	32.0%	0.5%	1,307	1,403	268.3	290.4
North East Victorian	105,949	17.5%	30.5%	0.7%	1,305	1,403	279.4	290.4
North West Melbourne	277,994	12.8%	33.9%	0.4%	1,519	1,403	289.5	290.4
Northern Melbourne	244,246	13.0%	33.6%	0.7%	1,438	1,403	287.4	290.4
Otway	121,938	15.9%	33.3%	0.8%	1,410	1,403	324.7	290.4
South Gippsland	66,541	19.1%	29.7%	0.6%	1,312	1,403	281.8	290.4
Southcity	186,618	13.0%	26.2%	0.3%	1,004	1,403	270.1	290.4
West Vic	80,587	19.5%	30.2%	0.7%	1,396	1,403	324.0	290.4
Western Melbourne	266,950	10.0%	34.7%	0.4%	1,396	1,403	289.7	290.4
Westgate	192,675	9.6%	35.3%	0.5%	2,004	1,403	304.8	290.4
Whitehorse	252,779	16.0%	30.2%	0.2%	1,328	1,403	236.6	290.4

* Deaths at ages 0 to 74 years per 100,000 population

Premature Mortality

Deaths at ages below 75 years are used as an indicator of health status, as they largely reflect premature deaths, given the current levels of life expectancy in Australia.

Table 2: Deaths before 75 years of age by major condition group and selected cause, for each division, Melbourne, country Victoria and Australia.
Indirectly age standardised rate per 100,000 population

	Circulatory System Diseases		Ischaemic heart disease		Cerebrovascular Disease		Cancer		Cancer of trachea, bronchus & lung		Respiratory system diseases		Chronic lower respiratory disease		Other Causes		Diabetes Mellitus	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Ballarat & District	289	92.4	173	55.4	54	17.3	412	132.3	103	33.0	72	22.9	52	16.6	160	51.4	22	7.1
Bendigo & District	209	75.8	127	46.0	38	13.9	351	128.5	56	20.3	54	19.6	34	12.4	155	57.5	15	5.5
Border	213	81.5	125	48.0	46	17.5	337	129.3	77	29.7	56	21.6	38	14.5	132	49.9	27	10.2
Central Bayside	276	55.2	161	32.3	61	12.2	572	115.4	116	23.3	72	14.5	50	9.9	189	39.4	28	5.5
Central Highlands	249	74.7	150	45.7	41	12.6	431	125.6	78	23.4	51	15.7	26	11.4	168	45.7	25	7.4
Central West Gipps	246	85.4	154	53.4	40	13.9	416	144.6	87	30.2	58	20.3	41	14.4	163	56.6	19	6.7
Dandenong	411	67.0	249	40.7	76	12.5	741	118.5	168	27.6	109	18.0	78	13.1	342	49.8	53	8.6
East Gippsland	236	96.8	142	58.0	41	16.8	336	139.6	59	24.1	51	20.6	42	16.8	134	59.6	25	10.1
Eastern Ranges	267	58.0	169	36.8	46	10.0	552	116.6	98	21.3	68	15.2	53	11.9	210	41.6	32	6.9
Geelong	433	69.2	265	42.4	69	11.0	815	131.7	174	27.8	109	17.3	85	13.4	317	52.3	57	9.0
Goulburn Valley	222	79.0	120	42.7	50	17.8	357	127.6	78	27.6	47	16.8	35	12.5	142	50.6	21	7.6
Greater South Eastern	305	52.9	187	32.2	64	11.1	606	105.3	106	18.1	59	10.2	41	7.0	211	39.2	30	5.2
Inner Eastern Melb	273	49.4	145	26.3	64	11.6	552	100.1	77	14.0	66	12.0	39	7.0	232	43.4	22	3.9
Knox	262	61.8	152	35.8	53	12.7	484	110.6	94	22.2	77	18.7	55	13.6	209	44.5	36	8.3
Mallee	230	89.0	145	56.2	34	13.2	332	130.2	67	26.0	42	16.1	32	12.3	148	58.6	26	10.0
Melbourne	278	66.3	169	40.7	57	13.6	446	106.4	90	22.0	72	17.3	50	12.1	262	60.8	47	11.2
Monash	234	58.7	135	33.8	53	13.2	422	107.9	101	25.5	61	15.0	41	10.1	161	42.0	27	6.8
Mornington Peninsula	586	74.3	340	43.0	119	15.0	946	121.4	228	28.9	161	20.2	122	15.3	384	50.9	60	7.5
Murray Plains	170	80.5	97	45.8	34	16.0	268	128.8	51	24.1	42	19.5	34	15.6	108	54.8	15	6.9
North East Valley	389	63.9	223	36.6	84	13.9	720	117.5	128	21.2	77	12.8	52	8.7	283	45.6	46	7.5
North East Victorian	217	62.8	125	36.1	34	9.7	379	110.9	72	20.9	76	21.8	59	16.8	148	45.7	28	8.0
North West Melbourne	505	69.3	309	42.4	89	12.2	875	121.0	191	26.4	135	18.4	92	12.6	385	52.3	76	10.3
Northern Melbourne	479	75.8	289	45.8	85	13.4	699	111.5	142	22.6	98	15.4	65	10.1	345	54.3	64	10.0
Otway	279	79.3	160	45.4	50	14.1	474	135.9	83	23.5	60	16.9	43	12.1	188	55.1	40	11.3
South Gippsland	137	61.7	85	38.2	22	9.7	259	119.3	53	23.7	39	17.3	28	12.2	85	42.6	14	6.2
Southcity	298	64.7	178	38.9	47	10.1	520	113.1	98	21.6	63	13.8	42	9.1	223	48.5	36	7.7
West Vic	234	83.4	138	48.9	56	19.9	353	128.8	79	28.1	58	20.2	48	16.8	134	52.5	28	10.1
Western Melbourne	426	72.1	244	41.5	88	15.0	671	112.6	153	26.1	101	17.2	57	9.8	381	60.4	80	13.6
Westgate	297	76.1	188	48.4	48	12.3	460	116.5	90	23.4	81	20.9	52	13.7	266	61.9	40	10.3
Whitehorse	418	54.5	249	32.3	81	10.6	814	106.2	157	20.2	78	10.1	52	6.8	307	42.1	40	5.1
Melbourne		62.5		38.9		12.5		116.5		23.5		16.1		11.1		49.3		9.1
Country Vic		79.0		46.0		17.0		126.0		29.0		19.0		17.1		53.5		8.1
Australia		72.1		42.8		13.6		118.0		24.4		18.5		13.2		51.2		7.5

'No'. is the total number of deaths for the 2000-02 period; 'Rate' is an annual rate, based on the 3 year average

Chronic Diseases and Risk Factors

The estimates provide information of relevance to a number of the National Health Priority Areas (NHPAs – asthma; cardiovascular health; diabetes mellitus; injury prevention and control; mental health; and arthritis and musculoskeletal conditions: estimates have not been made for cancer control, the other NHPA). The risk factors for which estimates have been made are those which are accepted as being associated with these important chronic conditions. They are overweight (not obese), obesity, smoking, lack of exercise and high-risk alcohol use (see over the page).

The numbers are estimates for an area, not measured events as are the death statistics: they should be used as indicators of likely levels (and not actual levels) of a condition or risk factor in an area.

Table 3: Estimates of chronic disease and injury, for each division, Melbourne, country Victoria and Australia, 2001

Indirectly age standardised rate per 1,000 population

	Respiratory System Diseases	Asthma	Circulatory System Diseases	Diabetes Type 2	Mental & behavioural disorders	Musculo- skeletal system diseases	Arthritis	Osteoarthritis	Rheumatoid arthritis	Osteoporosis (females)
Ballarat & District	288.4	129.2	187.1	25.02	108.3	351.2	147.0	84.1	25.6	17.0
Bendigo & District	288.5	128.4	183.8	23.4	109.6	351.8	149.7	85.6	25.3	17.3
Border	301.4	126.7	182.0	23.5	103.7	328.6	147.3	86.4	24.6	21.6
Central Bayside	331.9	125.1	166.1	22.0	91.6	323.3	130.1	71.2	22.0	24.0
Central Highlands	304.8	129.4	176.6	21.5	99.4	343.4	140.5	79.2	24.1	17.7
Central West Gipps	283.0	128.3	184.1	22.5	108.8	352.2	146.6	83.0	25.4	16.2
Dandenong	323.1	117.1	164.9	27.4	96.8	329.4	138.2	69.0	23.9	23.1
East Gippsland	288.5	128.0	182.2	21.3	96.7	351.0	144.7	73.8	24.8	17.5
Eastern Ranges	342.9	132.3	168.7	20.4	94.9	339.3	135.4	73.9	23.2	22.5
Geelong	279.2	125.4	175.7	23.2	104.7	342.8	143.4	78.1	24.5	16.8
Goulburn Valley	284.6	124.4	184.8	21.0	104.9	355.1	148.2	83.4	25.5	17.3
Greater South Eastern	321.5	118.0	160.0	22.9	86.3	318.1	125.2	66.7	21.8	23.0
Inner Eastern Melb	327.3	122.7	159.0	22.0	83.8	316.6	124.1	70.0	20.8	23.5
Knox	338.2	129.2	163.6	21.0	92.0	334.5	132.1	70.0	23.1	22.9
Mallee	289.8	124.5	183.0	19.7	85.1	354.8	147.1	66.0	25.0	17.8
Melbourne	316.2	113.1	154.7	25.5	94.3	306.0	121.6	67.9	22.1	23.6
Monash	325.2	119.9	164.4	23.8	94.2	321.8	130.5	69.1	22.6	23.8
Mornington Peninsula	345.8	133.7	176.1	22.6	102.4	337.7	140.2	77.3	23.6	24.1
Murray Plains	300.9	128.6	183.8	17.4	96.1	351.5	144.5	74.6	24.8	19.9
North East Valley	331.4	126.2	163.5	22.3	93.3	328.1	131.3	70.0	22.7	23.0
North East Victorian	288.0	126.8	177.1	18.6	97.0	347.1	141.1	76.9	23.8	17.4
North West Melbourne	318.9	116.2	171.0	26.8	102.0	330.0	137.9	67.4	24.5	23.9
Northern Melbourne	312.9	113.3	169.3	29.7	103.7	331.9	143.4	69.7	25.3	23.7
Otway	292.8	129.7	183.6	17.7	98.8	358.0	144.1	76.7	25.1	17.8
South Gippsland	293.11	128.5	180.1	19.7	105.2	348.7	143.2	79.5	24.3	18.3
Southcity	322.7	119.4	156.1	21.9	90.7	310.1	122.4	71.1	21.0	24.2
West Vic	297.3	131.5	186.8	18.4	95.8	362.1	145.6	72.1	25.5	19.1
Western Melbourne	309.1	109.5	163.5	30.6	101.1	323.9	140.2	65.9	24.4	23.8
Westgate	325.8	122.0	169.4	25.5	97.3	331.7	135.6	69.7	23.8	23.5
Whitehorse	329.6	123.6	160.5	22.0	88.4	322.8	127.7	68.8	21.8	22.9
Melbourne	325.1	120.1	165.5	24.2	95.1	325.0	135.2	70.1	23.0	23.6
Country Vic	280.1	127.1	182.0	23.0	102.0	351.2	145.5	80.1	25.1	20.0
Australia	310.0	118.2	175.0	23.0	99.1	325.0	145.0	76.2	25.5	26.0

Prevalence estimates: risk factors

Table 4: Estimates of selected risk factors, for each division, Melbourne, country Victoria and Australia, 2001
Indirectly age standardised rate per 1,000 population

	Overweight (not obese) males (15+ years)	Obese males (15+years)	Overweight (not obese) females (15+ years)	Obese females (15+ years)	Smokers	Physical Activity	High health risk due to alcohol consumed
Ballarat & District	402.8	123.1	214.2	171.4	261.8	292.9	42.3
Bendigo & District	391.4	122.3	214.5	168.3	269.5	286.5	44.3
Border	405.4	151.8	232.5	158.6	263.5	327.9	44.3
Central Bayside	406.9	125.9	228.8	132.7	224.6	260.4	39.4
Central Highlands	415.1	127.5	215.4	156.8	253.1	284.3	41.3
Central West Gippsland	398.7	128.0	214.2	176.5	269.8	296.1	42.1
Dandenong	390.2	149.5	215.6	149.4	245.2	337.3	32.0
East Gippsland	402.8	121.5	209.5	163.3	268.1	301.9	52.5
Eastern Ranges	419.1	133.8	226.8	137.8	249.8	278.8	42.7
Geelong	396.0	125.8	210.5	159.3	257.5	280.3	42.4
Goulburn Valley	415.0	124.0	211.4	170.9	266.4	321.0	43.4
Greater South Eastern	402.4	114.8	226.0	127.4	207.0	271.2	32.6
Inner Eastern Melb	404.8	105.3	232.0	117.6	201.2	238.4	39.6
Knox	413.3	127.0	222.6	130.0	239.4	279.4	39.4
Mallee	412.9	121.0	211.0	170.1	270.3	339.5	58.2
Melbourne	372.5	105.3	220.3	133.1	214.9	236.9	40.0
Monash	396.9	126.5	223.1	136.6	222.4	277.5	34.8
Mornington Peninsula	411.2	142.4	229.5	146.8	253.4	278.9	43.7
Murray Plains	414.3	128.3	217.7	157.3	266.4	329.4	51.7
North East Valley	411.2	122.9	224.7	134.6	226.2	257.1	38.5
North East Victorian	403.9	113.3	207.3	151.8	262.1	286.9	45.7
North West Melbourne	408.2	154.4	220.7	167.4	237.6	311.4	30.3
Northern Melbourne	400.3	155.5	222.6	179.5	246.6	332.3	29.1
Otway	412.0	115.5	210.6	159.8	264.2	299.8	48.6
South Gippsland	409.0	120.6	209.3	158.8	260.5	303.6	44.0
Southcity	381.3	101.8	221.7	119.1	213.7	219.7	44.7
West Vic	407.7	120.0	212.3	166.6	271.1	307.8	54.0
Western Melbourne	380.1	156.8	210.6	159.1	235.2	348.2	26.3
Westgate	414.6	145.4	221.3	157.0	242.8	304.7	36.3
Whitehorse	409.0	115.7	224.9	124.1	215.1	263.8	35.9
Melbourne	405	135.1	223.5	150.1	231.0	285	30.1
Country Vic	408	122.0	212.1	168.0	265.2	296.1	43.5
Australia	395	149	220.1	150	250	315	42.1