

APPENDIX ONE

SUBMISSIONS RECEIVED

Submission	Name	Position	Organisation
1	Ms Nancy Da Costa	Clinical Nurse Manager	Bentley Health Service
2	Ms Emma Ellis Ms Jo Hart	Chief Executive Officer Manager Health Services	Diabetes Australia WA
3	Ms Cobie Rudd	Chief Executive Officer	General Practice Divisions of Western Australia Ltd
4	Mr Mark Wiklund	President	Australian Physiotherapy Association WA Branch
5	Mr Ken Marston	Policy Officer	Council on the Ageing WA
6	Ms Susan Rooney Mr Harry Sheiner	Chief Executive Officer Chair	Cancer Foundation of Western Australia WA Clinical Oncology Group
7	Dr Bronwyn Jones	Associate Professor	Head, School of Nursing and Public Health Edith Cowan University
8	Dr Donna Mak	Chair	WA Regional Committee, Australasian Faculty of Public Health Medicine
9	Ms Glenda Trevaskis Ms Natalie Jones Ms Fiona Flood Mr Robert Malekin Ms Helena Wills Ms Bianca Miles	Public Health Nutritionist Public Health Nutritionist Dietitian/Nutritionist Dietitian/Nutritionist Dietitian/Nutritionist Dietitian/Nutritionist	Metropolitan Public and Community Nutritionists

Submission	Name	Position	Organisation
10	Mr Eamon Ryan	Director	Health and Disability Complaints
11	Mrs Victoria Coatney		Christian Science Committee on Publication for Western Australia
12	Dr Barbara Meddin	President	Australian Association of Social Workers
13	Ms Andrea Shoebridge	Executive Assistant	Division of Health Sciences Curtin University of Technology
14	Ms Virginia Bower Dr Paul Tinley	Head of Department of Podiatry, Royal Perth Hospital Head of Department of Podiatry, Curtin University	Podiatry Association Inc. (WA)
15	Ms Margaret Watson	Chief Executive Officer	Nurses Board of Western Australia
16	Mr Ric Forlano	Executive Director	Arthritis Foundation of WA
17	Dr Peter Howat Dr Greg Hamilton	Head, Department of Health Promotion Director	School of Public Health Curtin University of Technology Western Australian Centre for Health Promotion Research Curtin University of Technology
18	Ms Ilse O'Ferrall	President	Public Health Association (WA Branch)
19	Professor Tony Wright	Head	School of Physiotherapy Curtin University of Technology
20	Ms Gail Putland Dr Jane Lesslie	Co-ordinator Paediatrician	Andrea Way Child Development Centre

EDUCATION AND HEALTH STANDING COMMITTEE

Submission	Name	Position	Organisation
21	Ms Sandra Thomson Dr Chris Skinner	National President	Australasian Association for Quality in Health Care Department of Health Services Management Edith Cowan University
22	Ms Marita Sealey	Chief Executive Officer	Western Australian General Practice Education and Training Ltd
23	Ms Rae Walter	Executive Director	Ngala Family Resource Centre
24	Dr Vasantha Preetham	Chair	The Australian Royal College of General Practitioners (WA)
25	Mr Michael O'Kane	State Manager	Commonwealth Department of Health and Ageing
26	Ms Lynette Dimer Ms Annette Forbes	Health Promotion Officer (Aboriginal Health) Lecturer	National Heart Foundation (WA Division) Centre for Aboriginal Studies Curtin University of Technology
27	Professor Louis Landau	Dean, Faculty of Medicine and Dentistry	University of Western Australia
28	Ms Michele Kosky	Executive Director	Health Consumers' Council WA (Inc)
29	CLOSED SUBMISSION	NAME WITHHELD	
30	Ms Dilys Paine	Midwife (Retired)	
31	Mr Mike Daube	Director General	Department of Health
32	Mr Gary Philips	Branch Secretary	Australian and New Zealand College of Mental Health Nurses Inc.
33	Ms Erin Daniels	President	Australian Association of Occupational Therapists (WA) Inc

Submission	Name	Position	Organisation
34	Ms Sue Rowell	Chair	Metropolitan Allied Health Council
	Ms Melita Brown	Deputy Chair	Metropolitan Allied Health Council
35	Professor Michael Quinlan	Dean, College of Health	The University of Notre Dame Australia
36	Mr Frank Schaper	Chief Executive Officer	Alzheimer's Association WA
37 (Supp. Sub.)	Report: <i>Local Graduate Entry Training Course for Radiation Therapists</i>		Cancer Foundation of Western Australia
38 (Supp. Sub.)	Report: <i>Radiation Oncology Services in Western Australia</i>		Cancer Foundation of Western Australia
39 (Supp. Sub.)	Report: <i>Western Australian Department of Health Diabetes Program Plan 2001-2004</i>		Diabetes Australia WA
40 (Supp. Sub.)	Report: <i>Eat Well Australia; An Agenda for Action for Public Health Nutrition 2000-2010 and National Aboriginal and Torres Strait Islander Nutrition Strategy and Action Plan 2000-2010 and first phase activities 2000-2003</i>		Metropolitan Public and Community Nutritionists
41 (Supp. Sub.)	Report: <i>Healthy Lifestyles 2002-2007</i>		Metropolitan Public and Community Nutritionists
42 (Supp. Sub.)	Report: <i>Viewpoint: Definitions and Conceptual Frameworks for Public Health and Community Nutrition: A Discussion Paper</i>		Metropolitan Public and Community Nutritionists
43 (Supp. Sub.)	Report: <i>Ngala 2002 Annual Review</i>		Ngala Family Resource Centre
44 (Supp. Sub.)	Report: <i>The Role and Membership of the Metropolitan Allied Health Council</i>		Metropolitan Allied Health Council

EDUCATION AND HEALTH STANDING COMMITTEE

Submission	Name	Position	Organisation
45 (Supp. Sub.)	Ms Marita Sealey	Chief Executive Officer	Western Australian General Practice Education and Training Ltd
46 (Supp. Sub.)	Ms Sandra Thompson	National President	Australasian Association for Quality in Health Care
47 (Supp. Sub.)	Report: <i>Comparison of Distribution of Senior Nurse Grades for Non- Mental Health and Mental Health Positions</i>		Australian and New Zealand College of Mental Health Nurses Inc.
48 (Supp. Sub.)	Paper: <i>Clarifications</i>		Metropolitan Public and Community Nutritionists
49 (Supp. Sub.)	Report: Podiatrists Registration Act 1984- Scope of Practice		Podiatry Association Inc. (WA)
50 (Supp. Sub.)	Report: <i>Western Australian GP Education and Training Workshop-Pre Reading</i>		General Practice Divisions of Western Australia Ltd
51 (Supp. Sub.)	Report: <i>Draft of Strategic Plan</i>		Faculty of Medicine and Dentistry University of Western Australia
52 (Supp. Sub.)	Report: <i>Medical Education UWA 2003</i>		Faculty of Medicine and Dentistry University of Western Australia
53 (Supp. Sub.)	Report: <i>Dementia - A Major Health Problem for Australia and Please Remember This and Future Directions - Consultancy Report to the Alzheimer's Association of Australia</i>		Alzheimer's Association WA
54 (Supp. Sub.)	Report: <i>The Western Nurse May/June 2002</i>		Australian Nurses Federation
55 (Supp. Sub.)	Report: <i>The Western Nurse Sept 2002</i>		Australian Nurses Federation

Submission	Name	Position	Organisation
56 (Supp. Sub.)	Report: <i>The Western Nurse, Bali Tragedy, Special Report</i>		Australian Nurses Federation
57 (Supp. Sub.)	Ms Annette Forbes	Lecturer	Centre for Aboriginal Studies Curtin University of Technology
58 (Supp. Sub.)	Ms Lynette Dimer	Health Promotion Officer	National Heart Foundation (WA Branch)
59 (Supp. Sub.)	Dr Peter Maguire	Medical Practitioner	The Royal Australian College of General Practitioners
60 (Supp. Sub.)	Report: <i>Feasibility Study of the Case for National Standards for Specialist Practice in Public Health</i>		The Royal Australian College of General Practitioners
61 (Supp. Sub.)	Report: <i>Public Health - A Crisis Concealed</i>		The Royal Australian College of General Practitioners

APPENDIX TWO

PUBLIC HEARINGS HELD

Date	Witness	Position	Organisation
16-Oct-02	Mr Ken Marston Mrs Lois Johnston	Policy Officer Member of Policy Committee	Council on the Ageing (WA) Inc.
	Susan Rooney Mr Harry Sheiner	Chief Executive Officer Surgeon	Cancer Foundation of Western Australia Inc. C/- Cancer Foundation of Western Australia
	Mr Brian Dodds Ms Penelope Mogridge	Vice President Social Work Manager	Australian Association of Social Workers (WA Branch) Hollywood Private Hospital
	Ms Nancy Da Costa	Clinical Nurse Manager (Community Health)	Bentley Health Service
	Ms Emma Ellis Mrs Jo Hart	Chief Executive Officer Manager	Diabetes Australia Western Australia
23-Oct-02	Mr Ric Forlano	Executive Director	Arthritis Foundation of Western Australia
	Mrs Sandra Thomson Dr Chris Skinner	National President Senior Lecturer	Australasian Association for Quality in Health Care Edith Cowan University
	Mrs Marita Sealey	Chief Executive Officer	Western Australian General Practice Education and Training Limited

Date	Witness	Position	Organisation
23-Oct-02 (cont.)	Ms Danielle Gallegos	Dietitian - Nutritionist	East Metropolitan Health Service
	Ms Natalie Jones	Acting Population Health Nutritionist	East Metropolitan Health Service
	Ms Patricia Marshall	Nutritionist - Diabetes Educator	East Metropolitan Population Health Unit
	Mrs Rae Walter	Executive Director	Ngala Family Resource Centre
	Mr Mark Donald	Manager, Early Parenting	
	Ms Andrea Callaghan	Advocate	Health Consumers' Council
	Ms Maxine Drake	Advocate	
	Ms Ilse O'Ferrall	President	Public Health Association of Australia (Western Australia Branch)
	Dr Sandra Thompson	Public Health Physician	
6-Nov-02	Ms Sue Rowell	Director, Allied Health Clinical Support Unit	Metropolitan Allied Health Council
	Ms Melita Brown	Chief Speech Pathologist, Royal Perth Hospital, Deputy Convenor	
	Ms Angie Paskevicius	Chair of the Allied Health Task Force on Work Force Issues, Chief Executive Officer, Therapy Focus Inc.	
	Ms Annette Barton	Occupational Therapist	Australian Association of Occupational Therapists (Western Australia) Inc.
13-Nov-02	Mr Gary Phillips	Mental Health Nurse Clinician, Fellow, Australian and New Zealand College of Mental Health Nurses Inc.	Australian and New Zealand College of Mental Health Nurses Inc.
21-Nov-02	Professor Tony Wright	Head of School	School of Physiotherapy Curtin University of Technology

EDUCATION AND HEALTH STANDING COMMITTEE

Date	Witness	Position	Organisation
21-Nov-02 (cont.)	Professor Charles Watson	Executive Dean of Health Science	Division of Health Sciences Curtin University of Technology
	Associate Professor Jill Downie	Head of School	School of Nursing and Midwifery, Curtin University of Technology
	Professor Tony Wright	Head of School	School of Physiotherapy, Curtin University of Technology
	Mr Neil Hall	President	Australian Podiatry Association (Western Australia)
	Mrs Virginia Bower	Chief Podiatrist, Royal Perth Hospital	
	Dr Paul Tinley	Head, Podiatry Department, Curtin University of Technology	
	Associate Professor Kate White	Acting Head of School	School of Nursing and Public Health Edith Cowan University
	Ms Margaret Watson	Chief Executive Officer	Nurses Board of Western Australia
	Mr Ian Cooper	Physiotherapist, Sir Charles Gairdner Hospital	Australian Physiotherapists Association (Western Australia Branch)
	Mr Peter Robinson	Acting Head, Physiotherapy Department, Royal Perth Hospital	
	Mr Mark Wiklund	Branch President	
22-Nov-02	Ms Lynette Dimer	Health Promotion Officer	National Heart Foundation (Western Australia Division)
	Ms Annette Forbes	Lecturer	Centre for Aboriginal Studies, Curtin University of Technology
	Ms Cobie Rudd	Chief Executive Officer	General Practice Divisions of Western Australia Ltd
	Dr Charles Nadin	Director	

Date	Witness	Position	Organisation
22-Nov-02 (cont.)	Ms Belinda Bailey Dr Peter Maguire Dr Grant Russell	Manager, State Policy and Membership Faculty Board Member National Manager, Quality Care and Research	The Royal Australian College of General Practitioners (Western Australia Faculty)
	Professor Louis Landau	Dean	Faculty of Medicine and Dentistry The University of Western Australia
	Mr Mark Olson	State Secretary	Australian Nurses Federation WA Branch
	Mr Mike Daube Mr Philip Aylward Mr Andrew Chuk Dr Phillip Della Mr Michael Jackson Dr Brian Lloyd Mrs Christine O'Farrell	Director General Group Director Policy and Resources Deputy Director General Corporate Services Principal Nursing Adviser Executive Director Population Health Chief Medical Officer Executive Director Country Services	Department of Health
27-Nov-02	Dr Michael Quinlan	Dean	College of Health University of Notre Dame Australia
27-Nov-02	Dr Charles Douglas Dr Bret Hart Ms Anne Mahony Dr Donna Mak	Public Health Physician East Metropolitan Population Health Unit Medical Co-director, North Metropolitan Health Service Population Health Unit Senior Public Health Nurse, Kimberley Public Health Unit Chair, Western Australian Regional Committee	Australasian Faculty of Public Health Medicine

EDUCATION AND HEALTH STANDING COMMITTEE

Date	Witness	Position	Organisation
4-Dec-02 (cont.)	Dr Bernard Pearn- Rowe	President	Australian Medical Association (Western Australian Branch)

APPENDIX THREE

BRIEFINGS HELD CANADA

Date	Name	Position	Organisation
22-June-03	Mr Alex Berland	Partner	Strategic Resource Group Canada
23-June-03	Ms Megan Loeb	Consultant, Stakeholder Liaison, Evaluation and Education, Primary Health Care Division	British Columbia Ministry of Health, Canada
	Mr Laurie Gould	Director, Planning and Development, Primary Care and Chronic Disease	Fraser Health Authority Canada
24-June-03	Ms Nancy Swainson	Acting Director	Health Policy and Communications Branch, Primary Health Care Division, Health Canada
	Ms Lucy Falastein	Policy Analyst	
	Ms Jacquie Lemaire	Senior Program Officer	
	Mr Clive Shepherd	Site Co-ordinator	Ontario Family Health Network Canada
	Dr Daniel Way	Director, Postgraduate Education	Faculty of Medicine, University of Ottawa Canada
25-June-03	Dr David Gass	Director	Primary Health Care, Nova Scotia Department of Health, Canada
	Ms Tracey Martin	Co-ordinator	
	Dr David Gass	Director	Primary Health Care, Nova Scotia Department of Health
	Ms Mary Jane Hampton	Director	Stylus Consulting

UNITED KINGDOM

Date	Name	Position	Organisation
27-June-03	Mr Marc Seale	Chief Executive	Health Professions Council
	Greg Ross-Sampson	Project Manager	
	Ms Barbara Edmonds	Director of Public and Patient Involvement	College of Health
	Mr Simon Williams	Director of Policy	The Patients Association
	Ms Sheelagh Richards	Chief Executive	Council of Occupational Therapists
	Ms Beryl Steeden	Group Head, Membership and External Affairs	
	Ms Geraldine Cunningham	Director, Clinical Leadership Programme	Royal College of Nursing
	Mr Robert Rose	Workforce Designer, Changing Workforce Programme	NHS Modernisation Agency
	Mr Phillip Masterton-Smith	Chief Executive	Royal College of Physicians
	Professor Roy Pounder	Professor of Medicine	University College London
	Ms Cheryl Unthank	Senior Clinical Site Practitioner	Great Ormond St Hospital for Children NHS Trust
	Ms Judith Ellis	Chief Nurse	
	Dr Hillary Cass	Director of Postgraduate Medical Education	
	Dr Maggie Barker	Associate Medical Director, Public Health	
30-June-03	Mr Chris Wilkinson	Director of Nursing	Peterborough Hospitals NHS Trust
	Sandra Betterton	Head of Nursing	Norfolk, Suffolk and Cambridgeshire Strategic Health Authority
	Mr Randle Milne	Radiology Services Manager	Peterborough Hospitals NHS Trust

EDUCATION AND HEALTH STANDING COMMITTEE

Date	Name	Position	Organisation
30-June-03 (cont.)	Ms Sylvia Few	Intermediate Care Lead	Peterborough Hospitals NHS Trust
	Ms Ruth Emmins	Senior Nurse	Peterborough Rapid Response Team
	Ms Gill Dawson	Senior Nurse	Peterborough Rapid Response Team
	Ms Sue Drake	Emergency Nurse Practitioner	Peterborough General Hospital, Peterborough Hospitals NHS Trust
	Ms Celia Kendrick	Lead Nurse, Accident and Emergency	
	Ms Kay Ruggiero	Orthopaedic Nurse Practitioner	Edith Cavell Hospital, Peterborough Hospitals NHS Trust
	Ms Allison Dickinson	Orthopaedic Nurse Practitioner	
	Dr Angela Dancocks	Consultant, Accident and Emergency	Kettering General Hospital NHS Trust
	Ms Marisa Shrimpling	Emergency Nurse Practitioner	
	Mr Geraint Martin	Chief Executive	
1-July-03	Ms Denise Houghton	Director of Nursing	Pennine Acute Hospitals NHS Trust
	Ms Nicola Nicholls	Magnet Project Manager	
	Mr Chris Appleby	Chief Executive	
	Ms Jackie Novak	Rheumatology Nurse Practitioner	St Helens and Knowsley Hospital NHS Trust
	Ms Ann Campbell	Physiotherapist	
	Ms Joan Kirby	Ward Manager	
	Dr Veronica Abernethy	Consultant, Rheumatology	
2-July-03	Ms Cheryl White	Workforce Designer, Changing Workforce Programme	NHS Modernisation Agency, Mendip Primary Care Trust Pilot
	Ms Sharon Lomas	Project Manager, Changing Workforce Programme	

Date	Name	Position	Organisation
	Dr Mike Hall	Consultant, Neonatal Medicine	Princess Anne Hospital, Southampton University Hospital NHS Trust
	Ms Helen Creedon	Neonatal Nurse Educator	
3-July-03	Ms Katherine Fenton	Director of Nursing and Patient Services	Southampton General Hospital, Southampton University Hospital NHS Trust
	Mr Allan Jolly	Project Manager, Mental Health Practitioner Project	West Hampshire NHS Trust
	Mr Steve Tee	Head of Mental Health Division	University of Southampton
	Mr Martin Barkley	Chief Executive	West Hampshire NHS Trust
	Professor Debra Humphris	Director, New Generation Project	University of Southampton
	Professor Jill Macleod Clark	Head of School of Nursing and Midwifery, Deputy Dean, Faculty of Medicine, Health and Biological Sciences	
4-July-03	Mr Paul Rowe	Clinical Director, Surgical Services	Eastbourne General District Hospital, East Sussex Hospitals NHS Trust
	Mr Jalal Maryosh	Consultant, Accident and Emergency	William Harvey Hospital, East Kent Hospitals NHS Trust
	Ms Lesley White	Business Manager and Deputy Emergency Services Collaborative Programme Manager	
	Ms Sarah Maycock	Acting Assistant Hospital Manager	
	Ms Sue Travis	Bed Bureau Manager	

WESTERN AUSTRALIA

Date	Name	Position	Organisation
22-Sept-03	Dr Bill Beresford	Director of Clinical Services	Royal Perth Hospital
	Dr John Harvey	Medical Superintendent	Rockingham/Kwinana District Hospital
	Dr Paul Mark	Executive Director, Clinical Services	Fremantle Hospital and Health Services
	Mr Russell McKenney Mrs Margaret Bennett	General Manager Operations Manager	Armadale/Kelmscott Memorial Hospital
	Dr Peter Sprivulis	Clinical Director, Acute Demand Management Unit, Director of Emergency Medicine Clinical Practice Improvement Unit	Fremantle Hospital and Health Services
24 Sept 03	Mr Michael O'Kane	State Manager	Commonwealth Department of Health and Ageing
15 Oct 03	Mr Mike Daube Dr Brian Lloyd	Director General Chief Medical Officer	Department of Health

APPENDIX FOUR

TABLES REFERRED TO WITHIN REPORT

Table A4.1

Australian Medical Workforce Advisory Council medical labour force data

Specialty	Shortfall/surplus
Emergency medicine	61 vacancies (28%) ⁸³⁴
General surgery	Adequate ⁸³⁵
Geriatric medicine	8 vacancies (4%) ⁸³⁶
Ear, nose and throat surgery	10 vacancies (3%) ⁸³⁷
Dermatology	Shortfall, particularly in rural and some urban areas ⁸³⁸
Radiation oncology	Shortfall of 22-30 (14-19%) ⁸³⁹
Obstetrics and gynaecology	Slight workforce shortage ⁸⁴⁰
Intensive care	Shortfall of 11-26 (7-17%) ⁸⁴¹
Orthopaedic surgery	Adequate ⁸⁴²

⁸³⁴ Australian Medical Workforce Advisory Committee, *The emergency medicine workforce in Australia*, February 1997, p6.

⁸³⁵ Australian Medical Workforce Advisory Committee, *The general surgery workforce in Australia*, May 1997, p9.

⁸³⁶ Australian Medical Workforce Advisory Committee, *The geriatric medicine workforce in Australia*, October 1997, p9.

⁸³⁷ Australian Medical Workforce Advisory Committee, *The ear, nose and throat surgery workforce in Australia*, October 1997, p9.

⁸³⁸ Australian Medical Workforce Advisory Committee, *The specialist dermatology workforce in Australia*, February 1998, p10.

⁸³⁹ Australian Medical Workforce Advisory Committee, *The specialist radiation oncology workforce in Australia*, February 1998, p5.

⁸⁴⁰ Australian Medical Workforce Advisory Committee, *The obstetrics and gynaecology workforce in Australia*, August 1998, pp6-11.

⁸⁴¹ Australian Medical Workforce Advisory Committee, *The intensive care workforce in Australia*, February 1999, pp9-12.

⁸⁴² Australian Medical Workforce Advisory Committee, *The orthopaedic surgery workforce in Australia*, March 1999, pp3-6.

Cardiology	Adequate ⁸⁴³
Consultant paediatric	Adequate ⁸⁴⁴
Psychiatry	83 funded public vacancies (4%), particular undersupply in rural areas ⁸⁴⁵
Thoracic medicine	Shortfall of 15-20 specialists (5-6%) ⁸⁴⁶
Neurosurgery	Adequate ⁸⁴⁷
Gastroenterology	Adequate ⁸⁴⁸
Cardiothoracic	Adequate ⁸⁴⁹
Medical and haematological oncology	Shortfall of at least 40 FTE (12%) ⁸⁵⁰
Radiology	Shortfall of 37 FTE (3%) ⁸⁵¹
Anaesthesia	90 public hospital vacancies (4%) ⁸⁵²

⁸⁴³ Australian Medical Workforce Advisory Committee, *The specialist cardiology workforce in Australia*, August 1999, pp4-8.

⁸⁴⁴ Australian Medical Workforce Advisory Committee, *The consultant paediatric workforce in Australia*, August 1999, pp4-7.

⁸⁴⁵ Australian Medical Workforce Advisory Committee, *The specialist clinical psychiatry workforce in Australia*, November 1999, pp9-13.

⁸⁴⁶ Australian Medical Workforce Advisory Committee, *The specialist thoracic medicine workforce in Australia*, April 2000, p5.

⁸⁴⁷ Australian Medical Workforce Advisory Committee, *The neurosurgery workforce in Australia*, August 2000, pp4-7.

⁸⁴⁸ Australian Medical Workforce Advisory Committee, *The specialist gastroenterology workforce in Australia*, pp4-7.

⁸⁴⁹ Australian Medical Workforce Advisory Committee, *The cardiothoracic workforce in Australia*, April 2001, p7.

⁸⁵⁰ Australian Medical Workforce Advisory Committee, *The specialist medical and haematological workforce in Australia*, April 2001, p7.

⁸⁵¹ Australian Medical Workforce Advisory Committee, *The specialist radiology workforce in Australia*, September 2001, pp7-8.

⁸⁵² Australian Medical Workforce Advisory Committee, *The specialist anaesthesia workforce in Australia*, September 2001, pp5-8.

Table A4.2

Distribution of health workers by remoteness area⁸⁵³

Remoteness area	WA	Australia
Major cities	3,190	3,005
Inner regional	2,002	2,729
Outer regional	2,096	2,314
Remote	1,791	1,975
Very remote	1,368	1,498

⁸⁵³ Australian Institute of Health and Welfare, *Health and community services labour force 2001*, September 2003, p101.

Table A4.3**Distribution of health workers by occupational group in cities and other regions⁸⁵⁴**

Occupation	Employed persons per 100,000	
	Capital city	Other region
Medical workers	312	202
Medical imaging workers	48	33
Dental workers	150	108
<i>Nursing workers</i> ⁸⁵⁵	1,246	1,318
Pharmacists	83	55
Allied health workers	233	162
Complementary therapies	45	42
Other health workers	323	279

⁸⁵⁴ Australian Institute of Health and Welfare, *Health and community services labour force 2001*, September 2003, p106.

⁸⁵⁵ The higher rate of nursing workers is largely due to the higher rates of enrolled nurses (74 and 151 in capital cities and other regions respectively) and nursing assistants/personal carers (252 and 278 in capital cities and other regions respectively). There are slightly fewer registered nurses per capita outside capital cities - *ibid*.

Table A4.4

Population per FTE General Practitioner by State/Territory⁸⁵⁶

State/Territory	Population per FTE GP
South Australia	1283
Victoria	1371
Tasmania	1374
Queensland	1393
New South Wales	1410
Australian Capital Territory	1449
Western Australia	1530
Northern Territory	2226

⁸⁵⁶ Australian Bureau of Statistics and Commonwealth Department of Health and Ageing, Census Data, June 2001.

Table A4.5**Population per FTE General Practitioner by GP Division, Western Australia 2002⁸⁵⁷**

GP Division	Population per GP
Metropolitan	
Osborne	1,461
Perth and Hills	1,366
Rockingham/Kwinana	1,657
Canning	1,777
Fremantle Regional	1,082
Perth Central Coastal	1,087
Regional	
Greater Bunbury	1,570
Central Wheatbelt	2,792
Peel/South West	1,867
Great Southern	1,660
Eastern Goldfields	2,008
Midwest	1,683
Kimberley	3,947
Pilbara	2,588

⁸⁵⁷

Information supplied by the General Practice Divisions of Western Australia, November 2002.

Table A4.6**Percentage of bulk-billed GP consultations by RRMA classification, Australia 2002/03⁸⁵⁸**

RRMA classification (population)	Bulk-billing rate for GP services
Capital cities	76.5
Other metropolitan centres (>100,000)	68.6
Large rural centres (25 000 - 99 000)	55.1
Small rural centres (10 000 - 24 999)	55.3
Other rural areas (<10 000)	54.0
Remote centres (> 5 000)	58.0
Other remote areas (< 5 000)	70.4

⁸⁵⁸ Community Affairs Legislation Committee, Examination of Budget Estimates 2003-2004, Additional Information Received Volume 4, Outcomes: 2 & 3, Health and Ageing Portfolio, November 2003, p86.

Table A4.7**Average annual real growth in recurrent health expenditure⁸⁵⁹**

Area of expenditure	Government	Non-government	Total
High level residential aged care	3.0	1.1	2.6
Pharmaceuticals	12.0	7.0	9.4
Medical services	4.6	1.0	3.8
Other professional services ⁸⁶⁰	8.3	1.3	2.5
Private hospitals	25.7	--	3.6
Public hospitals	4.5	-0.8	4.1
Other health services ⁸⁶¹	3.9	5.0	4.4
Total	5.3	3.0	4.5

⁸⁵⁹ Australian Institute of Health and Welfare, *Health expenditure Australia 2001-02*, September 2003, pp20-22.

⁸⁶⁰ Other professional services include physiotherapy, chiropractic, osteopathy.

⁸⁶¹ Other health services are all those not listed in another category and includes aids, appliances, ambulance, administration, hospitality.

Table A4.8**Australian Institute of Health and Welfare, Chronic diseases and associated risk factors in Australia, 2001**

Disease	Health costs 1993/94 (million)
Coronary heart disease	\$ 894
Cerebrovascular disease	\$ 630
Lung cancer	\$ 107
Colorectal cancer	\$ 205
Depression	N/a
Diabetes	\$ 681 ⁸⁶²
Asthma	\$ 478
Chronic obstructive pulmonary disease	\$ 300 +
Chronic renal disease	\$ 216
Oral disease	\$ 1900 ⁸⁶³
Arthritis	\$ 624
Osteoporosis	\$ 1306 ⁸⁶⁴
Total	\$ 7 341

⁸⁶² Includes costs for complications of diabetes.

⁸⁶³ Does not include costs to individuals.

⁸⁶⁴ Includes estimated costs associated with osteoporotic fractures and other osteoporosis related costs, such as kyphosis (curvature of the spine), back pain and osteoporosis from secondary sources.

APPENDIX FIVE

LEGISLATION

Legislation	State (or Country)
Aged Care Act 1997	Commonwealth
Health and Social Care Act 2001	Commonwealth
Private Health Insurance Incentives Act 1998	Commonwealth
Public Health and Disability Act 2000	New Zealand

APPENDIX SIX

BIBLIOGRAPHY

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