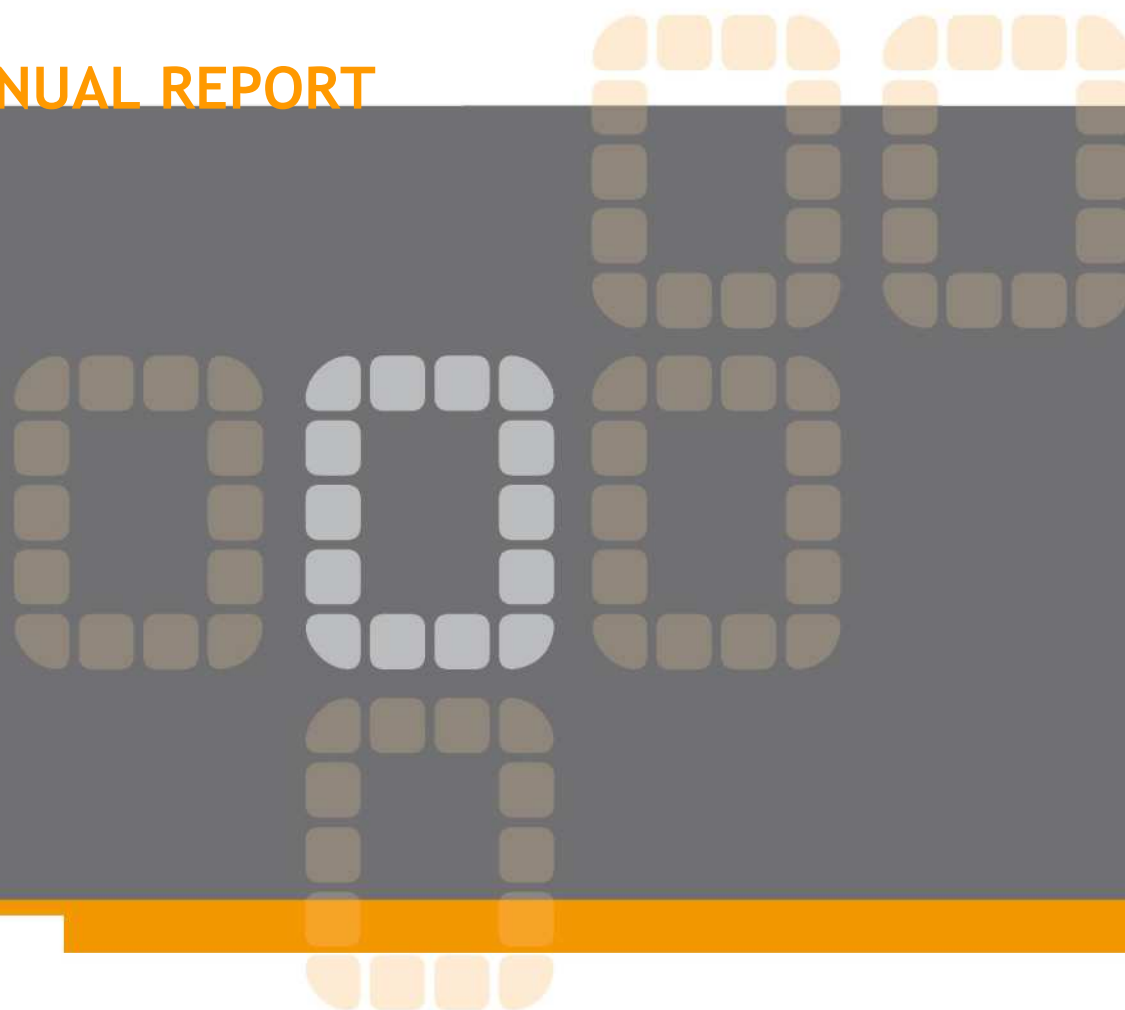


NURSING HOURS PER PATIENT DAY 2007-2008

ANNUAL REPORT



Prepared Nursing Workforce
August 2008

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1 INTRODUCTION

This report is prepared by the Department of Health as part of its ongoing commitment to maintaining a comprehensive workload management process for nurses.

In consultation with the Minister for Health, the Department of Health is committed to the ongoing implementation and monitoring of the Nursing Hours per Patient Day (NHpPD) model.

The report is consistent with the Department's continued application of the Exceptional Matters Order (EMO) 2001 (PR914193) as required by and in accordance with the 'Registered Nurses, Midwives and Enrolled Mental Health Nurses Australian Nursing Federation Department of Health Industrial Agreement 2007' Part 2 clause 9 and the 'LHMU Enrolled Nurses and Nursing Assistants Department of Health Industrial Agreement 2004'.

The data provided in the 12th report is for the period 1 July 2007 until 30 June 2008. (Unless otherwise stated). The data represents NHpPD data from the following clinical areas:

- *Metropolitan / Rural Ward Data*
- *Metropolitan/ Large Rural Emergency Departments*
- *Small Rural Hospitals with Rural Emergency Departments within a ward*

All data reported is provided by hospitals and health services through the Nursing Workload Monitoring System. The Analysis & Performance Reporting Unit at the Department of Health has provided Metropolitan Emergency Department data.

2 EXECUTIVE SUMMARY

Overall of the 218 reported clinical areas across the state of Western Australia for the period 1 July 2007-30 June 2008, 72.48% (n=158) were on or above target, 13.3%(n=29) were 0-5 % below set NHpPD target, 6.42% (n=14) were 5-10% below set NHpPD target and 7.8% (n=17) were greater than 10% below target.

In comparison for the reporting period 1 July 2006 -30 June 2007, 72.8% (n=166) of reporting sites were on or above target, 14.47% (n=33) were 0-5 % below set NHpPD target, 4.82% (n=11) were 5-10% below set NHpPD target and 7.9% (n=18) were greater than 10% below target.

Overall site data provides a comparison between set NHpPD targets and actual rostered nursing hours in accordance with Exceptional Matters Order (2001). Overall 92.2% (n=201) of reported site data are on or above or less than 10% below NHpPD target. This remains consistent with the 2006/07 results in which 92% of inpatient areas were within this range.

The Nursing Hours per patient day reporting continues to show similar trends in terms of compliance for the 2007/2008 year.

Continuing monitoring, education and roll out of additional models will assist in workload management across WA Health.

Nursing Workforce continues to conduct regular presentations across metropolitan and rural health services to provide updates and information regarding application of the NHpPD model.

3 RESULTS

Metropolitan / Rural Ward Inpatient Data

This section provides ward inpatient data for Metropolitan Tertiary, Metropolitan General and Regional sites. The report provides an overview of those inpatient areas that are:

- Greater than 10% below set NHpPD target (Table 1)
- 0-5% below set NHpPD target (Table 2)
- 5-10% below set NHpPD target (Table 3)
- On or above set NHpPD target

For the reporting period 147 Metropolitan and Regional sites provided data. Reporting indicates that for the 1 July 2007- 30 June 2008 period, 68.03% (n=100) of reported metropolitan and rural ward areas were on or above set NHpPD targets.

Additionally during the reporting period, 18.37% (n=27) sites reported that they were between 0-5% below the set NHpPD target. 8.84% (n=13) of ward areas reported that they were between 5-10% below set NHpPD target and 4.76% (n=7) ward areas reported that they were greater than 10% below set NHpPD targets.

Some of this variation can be explained by fluctuations in occupied bed days, and opening and closing beds to meet organisational requirements. All reported ward inpatient data is provided in Appendix 1.

Table 1: >10 % below NHpPD target

HOSPITAL	WARD NAME	BENCHMARK	REPORTED NHPPD	VARIANCE	%VARIANCE
Geraldton	High Dependency Unit	12.00	6.72	-5.28	-44.0%
Albany	Ward E Medical / General	5.00	4.29	-0.71	-14.3%
SCGH	Ward G74 Gast/Renal	7.50	6.50	-1.00	-13.3%
SCGH	Coronary Care Unit	14.00	12.31	-1.69	-12.1%
†RPH	Ward 6G	7.50	6.63	-0.87	-11.6%
Kalamunda	Anderton	5.00	4.47	-0.53	-10.6%
*Area Mental Health	Plastowe Unit	4.50	4.03	-0.47	-10.5%

NB: Variation in reported rostered hours reflects varying models of care at individual sites.

†Changes in patient mix better reflects surgical ward mix - benchmark review during the next 12 months

*Indication of data validity error from site.

Table 2: 5-10 % Below NHpPD target

HOSPITAL	WARD NAME	BENCHMARK	REPORTED NHPPD	VARIANCE	%VARIANCE
KEMH PMH	Ward 6B	14.16	12.76	-1.40	-9.9%
Fremantle	Ward 4.2 (MH)	6.00	5.41	-0.59	-9.8%
Area Mental Health	Ward D20	5.75	5.25	-0.50	-8.8%
Port Headland Regional	Paediatric	5.00	4.59	-0.41	-8.1%
KEMH PMH	Surgical 5C	7.50	6.91	-0.59	-7.9%
Geraldton	Hospital Ward	5.75	5.31	-0.44	-7.6%
SKHS	West Wing (Acute Medical)	5.75	5.33	-0.42	-7.3%
KEMH PMH	General Medical 9A	7.50	6.98	-0.52	-6.9%
Area Mental Health	Ellis Ward	7.50	6.98	-0.52	-6.9%
Fremantle	Ward 5.1 (MH)	6.00	5.66	-0.34	-5.6%
SCGH	Intensive Care Unit	31.60	29.49	-1.67	-5.4%
Kalgoorlie	Ward D Surgical	5.75	5.45	-0.30	-5.2%
Bunbury	Medical	5.00	4.75	-0.25	-4.9%

Table 3:0-5% below NHPPD target

HOSPITAL	WARD NAME	BENCHMARK	REPORTED NHPPD	VARIANCE	%VARIANCE
Fremantle	Coronary Care Unit	14.16	13.47	-0.69	-4.9%
Older Adult MH	Selby Older Adult	5.75	5.47	-0.28	-4.8%
Osborne Park	Ward 3 Restorative	5.00	4.76	-0.24	-4.8%
SCGH	Ward G54 Resp Med	7.50	7.15	-0.35	-4.7%
SKHS	East Wing (Surgical)	5.75	5.48	-0.27	-4.7%
Fremantle	Ward B8S	6.00	5.75	-0.25	-4.2%
KEMH PMH	Obstetrics Ward 3	6.00	5.75	-0.25	-4.2%
Albany	Ward A Surgical	5.75	5.52	-0.23	-4.0%
KEMH PMH	Infants 5D PMH	9.00	8.66	-0.34	-3.7%
Kalgoorlie	High Dependency Unit	12.00	11.56	-0.44	-3.6%
KEMH PMH	Surgical 6A	7.50	7.24	-0.26	-3.5%
KEMH PMH	7Teen	7.00	6.77	-0.23	-3.3%
RPH	Ward 10 SPC	5.75	5.58	-0.17	-3.0%
Bentley	Adult Acute Ward 8	6.00	5.88	-0.12	-2.0%
RPH	Ward 11 SPC	7.50	7.38	-0.12	-1.6%
Area Mental Health	Hutchison Unit	4.50	4.43	-0.07	-1.6%
KEMH PMH	3B HDU	12.00	11.82	-0.18	-1.5%
*Area Mental Health	Yvonne Pinch Ward (Fitzroy East)	11.33	11.17	-0.16	-1.4%
SCGH	Ward G63 Gastro Renal	6.00	5.92	-0.08	-1.3%
Bentley	Ward 4 Aged Care	5.00	4.94	-0.06	-1.2%
RPH	Ward 5E	5.75	5.70	-0.05	-0.9%
KEMH PMH	Obstetrics Ward 4	6.00	5.95	-0.05	-0.9%
RPH	CCU	14.16	14.06	-0.10	-0.7%
Area Mental Health	Acacia	11.81	11.72	-0.09	-0.7%
Fremantle	Ward V6	5.75	5.71	-0.04	-0.7%
RPH	ICU	31.16	31.07	-0.09	-0.3%
Kalgoorlie	Mental Health	7.71	7.69	-0.02	-0.2%

*Indication of data validity error from site.

Country Small Hospital Data

For the reporting period 71 sites provided data. Reporting indicates that, 81.69% (n=58) of reported Country Small Hospitals were on or above set NHpPD targets.

Additionally during the reporting period, 2.82% (n=2) of sites reported that they were between 0-5% below the set NHpPD target, and 1.41% (n=1) were 5-10% below set NHpPD target. 14.08% (n=10) of ward areas reported that they were greater than 10% below set NHpPD targets.

All reported ward inpatient data is provided in Appendix 2.

Table 4: >10 % below NHpPD target

HOSPITAL	WARD NAME	BENCHMARK	REPORTED NHPPD	VARIANCE	%VARIANCE
Katanning	Kerry Lodge	4.00	1.35	-2.65	-66.2%
Plantagenet	Lodge	4.00	1.94	-2.06	-51.5%
Morawa	General / Aged Care	4.34	2.83	-1.51	-34.9%
Carnarvon	Permanent Care	4.00	3.31	-0.69	-17.4%
Quairading	General / Aged Care	4.14	3.56	-0.58	-14.0%
Kununoppin	General / Aged Care	4.21	3.64	-0.57	-13.5%
*Kununurra	General / Maternity	4.76	4.13	-0.63	-13.2%
NorthMidlands (Three Springs)	General / Aged Care	4.23	3.74	-0.49	-11.6%
Goomalling District Hospital	General / Aged Care	4.10	3.66	-0.44	-10.7%
Nickol Bay	General / Maternity	5.80	5.22	-0.58	-10.0%

*Indication of data validity error from site

Table 5: 5-10% below NHpPD target

HOSPITAL	WARD NAME	BENCHMARK	REPORTED NHPPD	VARIANCE	%VARIANCE
Wagin District Hospital	General / Aged Care	4.18	3.91	-0.27	-6.50%

Table 6: 0-5% below NHpPD target

HOSPITAL	WARD NAME	BENCHMARK	REPORTED NHPPD	VARIANCE	%VARIANCE
Derby	General	5.00	4.85	-0.15	-3.0%
Dongara	General / Aged Care	4.50	4.37	-0.13	-2.9%

NB: Variation in reported rostered hours reflects varying models of care at individual sites.

4 EMERGENCY DEPARTMENTS

Hospitals and Health services have reported data on Metropolitan Emergency Departments and large Rural Emergency Departments.

Metropolitan Emergency Department

Metropolitan Emergency Department data was provided by the Analysis & Performance Reporting Unit at the Department of Health through EDIS reporting and covers the period 1 July 2007 to 30 June 2008.

Of the 7 reporting sites 85.7% (n=6) were on or above set NHpPD target. No sites reported that they were between 0-10% below the set NHpPD target. Only 1 site reported that they were greater than 10% below set NHpPD target during the reporting period.

Table 7 indicates Metropolitan Emergency Department presentations and target nursing hours versus actual nursing hours provided.

Table 7: Metropolitan Emergency Department NHpPD

Site	Triage Presentation TOTAL	OBD Obs	Total Target Hours	Actual Nursing Hours	Difference	% Variance
Armadale	43,562	2,211.29	75,199.49	88,322.82	13,123	17.45%
Fremantle	47,309	4,077.92	145,900.17	158,051.80	12,152	8.33%
†PMH	59,126	1,126.83	96,760.51	8,6781.00	- 9,980	-10.31%
Rockingham	43,578	1,225.13	79,913.24	90,432.38	10,519	13.16%
RPH	57,260	1,167.25	151,390.56	202,244.00	50,853	33.59%
SCGH	50,884	1,556.67	146,100.94	183,428.15	37,327	25.55%
Swan	33,128	744.08	58,697.25	6,7314.00	8,617	14.68%

†Significant fluctuations occurred during the flu season resulting in an increase of total presentations to PMH ED by more than 9000 triage presentations.

NB: For sites receiving more than 30,000 total triage presenters per year, an additional coordinator can be allocated within the ED model for NHpPD

Rural Emergency Departments

Rural emergency data reports for the period 1 July 2007 to 30 June 2008 were provided by hospitals and health services via the Nurses Workload Monitoring System. Reporting indicates that during this period no sites were on or above set NHpPD target.

Additionally during the reporting period, 16.67% (n=1) of sites reported that they were between 0-5% below the set NHpPD target, 0 sites reported that they were between 5-10% below set NHpPD targets and 71.43% (n=5) of sites reported that they were greater than 10% below set NHpPD target.

Table 8 indicates Rural Emergency Department presentations and target nursing hours versus actual nursing hours provided.

Table 8: Rural Emergency Department NHpPD

Site	Triage Presentation TOTAL	OBD OBS	Total Target Hours	Actual Nursing Hours	Difference	% Variance
Albany	22431	29.00	27,028.79	23,801.43	-3227.36	-11.9%
Broome	18179	757.00	25666.64	20,144.25	-5522.39	-21.5%
Bunbury	33684	578.00	44,865.42	36,036.00	-8829.42	-19.7%
Geraldton	26242	479.00	34,001.42	26,933.00	-7068.42	-20.8%
Kalgoorlie	24671	778.00	33,656.77	24,084.60	-9572.17	-28.4%
Port Hedland	17870	809.00	23,406.80	23,140.55	-266.25	-1.1%

NB: There has been a significant increase in demand for services across all country sites since the 2006/07 report.

Country Small Hospitals Emergency Departments within a ward

Information provided on County Small Hospital Emergency Departments within a ward reflects presentations and activity. Current models do not take into account adjusted benchmarks to consider both inpatient and emergency departments nursing hours required. Further development is required to facilitate this level of analysis.

Table 9 provides an overview of hospital emergency department activity.

Table 9: Country Small Hospitals Emergency Departments within a ward

Site	Number of Presentations					Total
	L1	L2	L3	L4	L5	
Augusta District Hospital	1	28	164	436	305	934
Beverley District Hospital	10	24	79	182	672	967
Boddington District Hospital	4	18	58	305	838	1223
Boyup Brook Hospital Upper Blackwood	2	26	136	277	195	636
Bridgetown District Hospital	17	74	534	1751	554	2930
Bruce Rock District Hospital	2	10	28	131	315	486
Busselton District Hospital	25	600	3136	9919	2081	15761
Carnarvon Hospital	13	168	1018	4178	4484	9861
Collie District Hospital	16	227	963	2533	2072	5811
Corrigin District Hospital	5	18	96	366	386	871
Cunderdin District Hospital	2	2	44	130	458	636
Dalwallinu District Hospital	5	33	151	710	593	1492
Denmark District Hospital	7	109	481	1144	1047	2788
Derby Regional Hospital	49	194	1258	4011	4995	10507
Dongara District Hospital	4	75	324	836	2635	3874
Donnybrook District Hospital	11	98	427	803	1120	2459
Dumbleyung District Hospital	6	9	37	97	193	342
Esperance District Hospital	38	429	3583	8908	1601	14559
Exmouth District Hospital	5	239	531	1682	2846	5303
Fitzroy Crossing District Hospital	15	73	367	998	1840	3293
Gnowangerup District Hospital	7	38	149	392	205	791
Goomalling District Hospital	3	26	141	278	682	1130
Halls Creek District Hospital	21	94	527	2211	6234	9087
Harvey District Hospital	17	142	518	927	478	2082
Kalbarri District Hospital	7	44	180	1726	552	2509
Katanning District Hospital	10	85	359	1089	4445	5988
Kellerberrin District Hospital	1	16	108	611	626	1362
Kojonup District Hospital	4	30	87	203	475	799
Kondinin District Hospital	5	38	128	394	302	867
Kununoppin District Hospital	3	17	110	191	559	880
Kununurra District Hospital	5	116	502	2372	4383	7378
Lake Grace District Hospital	2	37	153	454	172	818
Laverton District Hospital	0	11	46	423	2306	2786
Leonora District Hospital	3	22	108	281	3132	3546
Margaret River District Hospital	7	94	712	3110	980	4903
Meekatharra District Hospital	6	33	155	524	2415	3133
Merredin District Hospital	8	86	192	839	2054	3179
Moora District Hospital	5	15	156	959	1041	2176
Morawa District Hospital	4	26	159	385	264	838
Mullewa District Hospital	5	17	140	674	112	948
Nannup District Hospital	3	26	143	396	221	789
Narembeen District Hospital	0	32	114	237	376	759
Narrogin Regional Hospital	29	237	1312	3342	2221	7141
Newman District Hospital	15	102	475	3406	3330	7328
Nickol Bay District Hospital	32	597	1920	6028	4525	13102

Norseman District Hospital	8	80	217	601	800	1706
North Midlands (Three Springs) Hospital	2	15	98	333	194	642
Northam Regional Hospital	35	470	2203	4144	1942	8794
Northampton District Hospital	8	25	150	358	131	672
Paraburdoo District Hospital	3	67	277	717	2278	3342
Pemberton District Hospital	2	47	260	642	295	1246
Pingelly District Hospital	3	34	104	229	603	973
Plantagenet District Hospital Mt Barker	8	83	360	1607	1643	3701
Quairading District Hospital	3	10	49	207	426	695
Ravensthorpe District Hospital	4	63	159	368	828	1422
Roebourne District Hospital	16	90	268	1688	4159	6221
Southern Cross District Hospital	10	57	165	324	445	1001
Tom Price District Hospital	8	130	548	1761	1652	4099
Wagin District Hospital	23	35	141	378	971	1548
Warren District Hospital	4	98	783	3093	2454	6432
Wongan Hills District Hospital	2	23	94	272	522	913
Wyalkatchem District Hospital	1	12	35	122	601	771
Wyndham District Hospital	2	15	95	681	1060	1853
York District Hospital	3	56	216	1026	665	1966

5 FUTURE DEVELOPMENT

A number of strategies to support NHpPD have been developed and maintained since the last Nursing Workload Report.

Undergraduate recruitment and places

- Since 2003, WA Health has recruited graduate nurses using a centralised application system called 'Graduate Nurse Connect'. This program is designed to support the transition of graduate nurses from beginner to competent practitioner. In 2007 a total of 586 graduate registered nurses were recruited into graduate transition programs across the WA public health sector for the 2008 recruitment year. The number of undergraduate nursing places available per year has increased from 350 in 1999 to 775 for the 2008 intake.

Refresher and Renewal of Registration Programs

- The Department of Health centrally manages re-fresher and renewal of registration programs for nurses and midwives. Additionally, support for migrant entry into the nursing workforce is achieved through Bridging programs for international nurses. During the 2007/2008 financial year 123 enrolled and registered nurses and midwives completed refresher re-entry to nursing programs.

EN Post registration Courses

- Eight Post Registration Courses for Enrolled Nurses were established with the first programs commencing in 2007.

International Recruitment

- The Department of Health has participated in centralised overseas recruitment initiatives since late 2005 in the United Kingdom, Germany, Asia and the Netherlands to promote opportunities available to registered nurses across the WA Public Health Sector. In 2007 WA Health provided temporary visa sponsorship nomination to an additional 308 nurses and midwives and 139 permanent sponsorship visa nominations across a range of nursing specialty areas.

- The Government of Western Australia European Workforce Office was recently established in London. The London office will ensure a streamlined recruitment process with ease of access for international nurses attracted to work in WA Health.
- Participation at expos has continued in 2008 in partnership with the Small Business Development Corporation of Western Australia and Department of Immigration and Citizenship.

Marketing

- A Nursing Career Information Afternoon targeting high school students was recently hosted at Central TAFE. Seventy five students from 14 public and private schools around Perth participated in the afternoon. Nursing workstations were set up to allow students to practice nursing skills such as assessing vital signs.
- A marketing campaign entitled “NURSING -YOU NEVER KNOW WHERE IT WILL TAKE YOU” is currently in development. The campaign aims to attract high school students and previous nurses back into the profession by marketing nursing as a positive career choice, which offers flexibility, diversity and opportunities to travel and work across a range of industries and specialty areas. The campaign will be launched on Sunday August 24th 2008.

Scholarships

- The Department has for many years offered nursing scholarships for undergraduate nursing and postgraduate nursing and midwifery studies. In 2004 an election commitment was made for both the number and financial amount of nursing scholarships to be doubled. This has been achieved and in the 2008 academic year 500 scholarships have been awarded totalling \$1,179,569.00

Nurse Practitioners

- The Nurse Practitioner is a relatively new role having been first established in 2003. To date in WA there are 67 registered Nurse Practitioners, 150 nurses currently undertaking Nurse Practitioner Programs and 24 Nurse Practitioners working in “full Scope of Practice” across metropolitan and rural health services.

ATSI Participation

- With the aim of increasing participation of Aboriginal and Torres Strait Islanders (ATSI) in health care provision the Marr Mooditj Foundation, in collaboration with the Department of Health and Department of Training, has implemented an enrolled nurse training program specifically for cohorts of ATSI people. WA Health assists with the provision of clinical placements and students now have access to ATSI nursing scholarships and Department of Health Indigenous Nursing Scholarships.

APPENDIX 1 METROPOLITAN AND COUNTRY WARD INPATIENT NHPPD DATA

HOSPITAL	WARD NAME	Revised Target NHpPD	Actual ytd NHpPD @ June 2008
Albany	Ward B Maternity	7.31	11.10
Albany	Ward C Paediatric /Medical /Surgical	5	5.02
Albany	Ward E Medical / General	5	4.29
*Albany	Ward G Mental Health	5.21	5.87
Albany	Ward A Surgical	5.75	5.52
*Area Mental Health	Plaistowe Unit	4.5	4.03
*Area Mental Health	Yvonne Pinch Ward (Fitzroy East)	11.33	11.17
Area Mental Health	Ward D20	5.75	5.25
Area Mental Health	Ellis Ward	7.5	6.98
Area Mental Health	Hutchison Unit	4.5	4.43
Area Mental Health	Acacia	11.81	11.72
Area Mental Health Service	Montgomery Unit	7.5	7.74
Area Mental Health Service	Smith Units	7.5	8.34
Area Mental Health Service	Casson Ward (FINT)	7.5	9.33
Area Mental Health Service	Banksia	6.49	7.01
Area Mental Health Service	Caesia	6.49	7.13
Area Mental Health Service	Selby Lodge Red Wing	5.75	6.62
Area Mental Health Service	Murchison House	4	4.10
Area Mental Health Service	Dorrington Ward (Fitzroy West)	7.5	7.90
*Armadale	(Banksia Ward)MHS for Older People Inpatients	6.7	7.49
*Armadale	Colyer Surgical	5.75	8.86
Armadale	Carl Streich Care Rehab & Aged Care	5	5.77
Armadale	Leschen (Adult Mental Health Inpatients)	7.34	11.59
Armadale	Campbell Pediatrics	6	14.02
Armadale	Benson Medical	5.75	7.03
Armadale	Maude Bellas Ward Obst/Gyne	7.02	9.22
*Bentley	Ward 3 Medical Surgical	5	5.43
Bentley	Ward 2 Maternity	6.86	10.41
Bentley	Adolescent Unit	12.05	12.26
Bentley	Secure Unit Ward 6	8.5	11.06
Bentley	Adult Acute Ward 7	6	6.89
Bentley	Geriatrics Unit	5	5.49
Bentley	Ward 4 Aged Care	5	4.94
Bentley	Adult Acute Ward 8	6	5.88
Broome	General Maternity	5.37	7.32
Bunbury	Surgical	5	5.29
Bunbury	Paediatrics	6	6.31
Bunbury	Maternity	7.84	8.39
Bunbury	Mental Health	6.16	9.64
Bunbury	High Dependency Unit	12	12.27
Bunbury	Medical	5	4.75
Fremantle	Cardiothoracic Surgery	7.5	8.49

Fremantle	Ward 4.1 (MH)	7.5	11.94
Fremantle	Ward D4	6	11.10
Fremantle	Ward B7S	6	6.26
Fremantle	Ward B7N	6	6.89
Fremantle	Ward B9S	6	6.13
Fremantle	Ward B9N	6	6.67
Fremantle	Ward F6	5.75	6.68
Fremantle	Ward 4.3 (MH)	5.75	6.84
Fremantle	Restorative Unit	5	11.86
Fremantle	Intensive Care Unit	31.16	32.40
Fremantle	Ward 4.2 (MH)	6	5.41
Fremantle	Ward 5.1 (MH)	6	5.66
Fremantle	Ward V6	5.75	5.71
Fremantle	Ward B8S	6	5.75
Fremantle	Coronary Care Unit	14.16	13.47
Geraldton	Maternity	7.99	8.89
Geraldton	Dialysis Unit	2.18	2.98
Geraldton	High Dependency Unit	12	6.72
Geraldton	Hospital Ward	5.75	5.31
Kalamunda	Anderton	5	4.47
Kalgoorlie	Ward B Medical	5	5.34
Kalgoorlie	Paediatrics	5	7.51
Kalgoorlie	Ward C Maternity	7.78	8.22
Kalgoorlie	Dialysis Unit	2.18	2.48
Kalgoorlie	Ward D Surgical	5.75	5.45
Kalgoorlie	Mental Health	7.71	7.69
Kalgoorlie	High Dependency Unit	12	11.56
KEMH PMH	General Medical 8A PMH	7.5	7.83
KEMH PMH	Gynaecology Ward 5 PMH	6	6.00
KEMH PMH	Gynaecology Ward 6	6	6.49
KEMH PMH	PICU	31.16	39.76
KEMH PMH	Ward 5B - Burns	9	9.21
KEMH PMH	Surgical 5C	7.5	6.91
KEMH PMH	General Medical 9A	7.5	6.98
KEMH PMH	Ward 6B	14.16	12.76
KEMH PMH	Obstetrics Ward 3	6	5.75
KEMH PMH	Obstetrics Ward 4	6	5.95
KEMH PMH	7Teen	7	6.77
KEMH PMH	Surgical 6A	7.5	7.24
KEMH PMH	Infants 5D PMH	9	8.66
KEMH PMH	3B HDU	12	11.82
Murray	General / Maternity	4.69	5.75
Older Adult Mental Health Service (NMAHS)	Osborne Older Adult	5.75	5.75
Older Adult Mental Health Service (NMAHS)	Swan Older Adult	5.75	7.28
Older Adult MH	Selby Older Adult	5.75	5.47
Osborne Park	Ward 3 Restorative	5	4.76
Osborne Park	Ward 4 Geriatric	4.5	6.48
Osborne Park	Ward 5 Medical	5	5.24
Osborne Park	Ward 6 Surgical	5	6.36
Osborne Park	Maternity	8.24	8.76

Port Headland	Med/Surg/ HDU (Vickers)	5.75	6.19
Port Headland	Maternity / SCN	6.4	6.50
Port Headland	Dialysis unit	2.18	2.76
Port Headland Regional	Paediatric	5	4.59
Rockingham	Medical	5	6.57
Rockingham	Surgical	5	8.94
Rockingham	Obstetrics	7.61	16.77
RPH	BMTU	7.5	8.23
RPH	Ward 5H	7.5	7.65
RPH	Ward 1 SPC	6	6.40
RPH	Ward 5A	6	6.49
RPH	Ward 5B	6	6.36
RPH	Ward 5F	6	6.38
RPH	Ward 5G	6	6.66
RPH	Ward 6H	6	6.20
RPH	Ward 9 SPC	6	7.00
RPH	Ward 9C	6	6.59
RPH	Ward 10AB	5.75	6.09
RPH	Ward 4A (Urology)	5.75	6.94
RPH	Ward 6A	5.75	5.91
RPH	Ward 8 SPC	5.75	6.59
RPH	Ward 8A	5.75	6.15
RPH	Ward 9A	5.75	5.82
RPH	Ward 9B	5.75	6.06
RPH	Ward 2 SPC	5	5.70
RPH	Ward 2K	5	6.57
RPH	Ward 6G	7.5	6.63
RPH	Ward 10 SPC	5.75	5.58
RPH	Ward 5E	5.75	5.7
RPH	Ward 11 SPC	7.5	7.38
RPH	CCU	14.16	14.06
RPH	ICU	31.16	31.07
SCGH	Ward G52 Neuros	7.5	8.31
SCGH	Ward G62 H & L	7.5	7.75
SCGH	Ward G41 H & L	6	6.30
SCGH	Ward G64 Neurology	6	6.57
SCGH	Ward G71 Cancer	6	6.08
SCGH	Ward G72 EAMS	6.5	7.34
SCGH	Ward G73 Cancer	6	6.16
SCGH	Ward G66 Neurology	6	6.43
SCGH	Ward G51 Neuro	6	6.01
SCGH	Ward G53 Acute M S	6	6.43
SCGH	Ward G61 Acute M S	5.75	6.01
SCGH	Ward C 16 Acute M S	5.75	5.81
SCGH	Ward G74 Gast/Renal	7.5	5.52
SCGH	Coronary Care Unit	14	7.57
SCGH	Intensive Care Unit	31.6	19.55
SCGH	Ward G63 Gastro Renal	6	5.92
SCGH	Ward G54 Resp Med	7.5	7.15
SKHS	*Acute /Secure MH	8.8	9.26
SKHS	Paediatric	6	12.24

SKHS	Restorative Ward	5	5.26
SKHS	Maternity, Nursery & Birthing Suite	7.58	8.74
SKHS	West Wing (Acute Medical)	5.75	5.33
SKHS	East Wing (Surgical)	5.75	5.48

*Indication of data validity error from site

APPENDIX 2 SMALL HOSPITALS NHPPD DATA

HOSPITAL	WARD NAME	BENCHMARK	REPORTED NHPPD
Augusta	General / Aged Care	4.2	4.77
Beverley	General / Aged Care	4.19	6.46
Boddington	General / Aged Care	4.14	6.83
Boyup Brook	General / Aged Care	4.16	5.69
Bridgetown	General/ Aged Care / Maternity	4.46	4.79
Bruce Rock	General / Aged Care	4.13	5.87
Busselton	General / Maternity	4.76	5.51
Carnarvon	Combined Acute Wards	5.2	5.73
Carnarvon	Permanent Care	4	3.31
Collie	General / Maternity	4.7	6.10
Corrigin	General / Aged Care	4.11	7.90
Cunderdin	General / Aged Care	4.07	10.20
Dalwallinu	General / Aged Care	4.13	8.30
Denmark	General / Maternity	4.56	6.09
Derby	Maternity	6.66	7.35
Derby	General	5	4.85
Derby	Paediatric	5	6.57
Dongara	General / Aged Care	4.5	4.37
Donnybrook	General / Aged Care	4.2	6.51
Dumbleyung	General / Aged Care	4.04	5.94
Esperance	General / Maternity	4.88	5.55
Exmouth	General / Aged Care	4.5	9.38
Fitzroy	General	4.5	6.22
Gnowangerup	General / Aged Care	4.5	4.57
Goomalling District Hospital	General / Aged Care	4.1	3.66
Halls Creek	General	4.5	6.46
Harvey District	General / Aged Care	4.36	4.44
Kalbarri	General / Aged Care	4.5	60.99
Katanning	Kerry Lodge	4	1.35
Katanning	Combined General & Maternity	4.94	6.71
Katanning	Maternity (see combined ward)	4.94	34.84
Kellerberrin	General / Aged Care	4.3	8.11
Kojonup	General	5	9.53
Kondinin	General / Aged Care	4.19	8.04
Kununoppin	General / Aged Care	4.21	3.64
*Kununurra	General/ Maternity	4.76	4.13
Lake Grace	General / Aged Care	4.16	8.28
Laverton	General / Aged Care	4.47	20.00
Leonora	General / Aged Care	4.33	38.32
Margaret River	General / Maternity	4.7	7.76
Meekatharra	General / Aged Care	4.43	5.95
Merredin	Aged Care	4	7.88

Merredin	General	4.23	4.63
Moora	General / Aged Care	4.3	4.84
Morawa	General / Aged Care	4.34	2.83
Mullewa	General / Aged Care	4.5	8.81
Nannup	General / Aged Care	4.01	6.33
Narembeen	General / Aged Care	4.11	7.03
Narrogin	Combined Ward: Gen/ Mat/ Paed/ Surg	4.81	6.54
Newman	General	5	9.64
Nickol Bay	General / Maternity	5.8	5.22
Norseman	General / Aged Care	4.28	9.65
Northam	General / Maternity	4.73	4.86
Northampton	General / Aged Care	4.17	5.07
North Midlands (Three Springs)	General / Aged Care	4.23	3.74
Paraburdoo	General	4.5	39.41
Pemberton	General /Aged Care	4	8.38
Pingelly	General / Aged Care	4.14	21.14
Plantagenet	General / Maternity	4.68	4.81
Plantagenet	Lodge	4	1.94
Quairading	General / Aged Care	4.14	3.56
Ravensthorpe	General / Aged Care	4.23	11.41
Roebourne	General	4.5	10.55
Southern Cross	General / Aged Care	4.19	8.07
Warren	General/ Aged Care	4.5	5.71
Tom Price	General / Extended Care	4.5	10.20
Wagin District Hospital	General/ Aged Care	4.18	3.91
Wongan Hills	General / Aged Care	4.17	6.93
Wyalkatchem	General / Aged Care	4.25	9.57
*Wyndam	General	4.5	6.83
York	General / Aged Care	4.18	5.10

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