

Appendix C

Operating Room Utilisation

Service Related Group	Extended Service Related Group	1997/98	1997/98	1997/98	Endoscopy	SWSAHS	Flow	Surgical	1997	2001 Total	2001	2006 Total	2006	2006	2006
		Demand	Surgical Activity (EOC)	Surgical % of Total Activity	Suite/OT Procedures 1997/98	Surgical/Endoscopy Supply 1997/98	Reversal Projections	Flow Reversal Projections	APPI Demand	Growth Projections	Surgical Growth Projections	Growth Projections	Growth Projections	Growth Projections	Growth Projections
Cardiology	Cardiology Remainder	3219	61	1.89%	0	28	867	16.42963653	3006	756	14.32618826	827	605	222	15.67163715
	AMI (245-249)	1056	0	0.00%	0	0	29	0	1030	-6.3	0	1	5	-4	0
	Heart Failure and Shock (252)	1122	0	0.00%	0	0	12	0	1064	177	0	184	184	0	0
	Chest Pain (261)	1148	0	0.00%	0	0	6	0	1245	355	0	377	377	0	0
	Unstable Angina (269-270)	1319	0	0.00%	0	0	15	0	1415	583	0	650	650	0	0
	Non-Major Arrhythmia (279-281)	949	0	0.00%	0	0	30	0	875	391	0	429	429	0	0
	Trans-vascular Percutaneous Cardiac Intervention (297)	539	539	100.00%	0	217	265	265	364	251	251	275.6	2.6	273	275.6
Dermatology	Dermatology	687	0	0.00%	0	0	62	0	651	90	0	92	91	1	0
Endocrinology	Endocrinology	1244	0	0.00%	0	0	295	0	1089	44	0	42	42	0	0
Gastroenterology	Gastroenterology Remainder	5821	36	0.62%	180	197	310	1.917196358	5572	1728	10.68682357	1783	1740	43	11.02697131
	Gastroscopy (225-332)	4265	4265	100.00%	4265	3948	215	215	4042	1711	1711	1852	1852	0	1852
	Colonoscopy (333-335)	2102	2102	100.00%	2102	2008	115	115	1981	1186	1186	1294	1294	0	1294
Haematology	Haematology Remainder	1426	121	8.49%	0	71	339	28.76507714	1633	514	43.61430575	537.7	443	94.7	45.62531557
	Red Blood Cell Disorder (759-761)	1456	0	0.00%	0	0	402	0	1415	703	0	752	752	0	0
Immunology/HIV	Immunology/HIV	447	0	0.00%	0	0	128	0	457	157	0	142	142	0	0
Medical Oncology	Medical Oncology Remainder	1053	7	0.66%	0	4	106	0.704653371	1056	166	1.10351377	171.5	160	11.5	1.140075973
	Chemotherapy (780)	3462	0	0.00%	0	0	1203	0	6779	3676	0	3986	3986	0	0
Neurology	Neurology Remainder	1889	6	0.32%	0	4	177	0.562202223	1833	365	1.159343568	377	368	9	1.197458973
	CVA (37-38)	1013	0	0.00%	0	0	21	0	994	155	0	164	164	0	0
	Seizures (45-47)	788	0	0.00%	0	0	30	0	835	157	0	152	152	0	0
	TIA's (67-69)	454	0	0.00%	0	0	13	0	406	114	0	122	122	0	0
	Headache (48)	428	0	0.00%	0	0	34	0	327	127	0	127	127	0	0
Renal Medicine	Renal Medicine	2305	181	7.85%	0	106	273	21.4373102	2174	623	48.92104121	664	621	43	52.14056399
Respiratory Medicine	Respiratory Medicine	2962	149	5.03%	0	113	154	7.746792708	2736	861	43.31161377	904	843	61	45.47467927
	Resp/Infect/Inflam (170-172)	2264	0	0.00%	0	0	17	0	1852	670	0	701	701	0	0
	Asthma,Bronchitis and COAD (189-190)	3529	0	0.00%	0	0	18	0	3588	241	0	238	238	0	0
	Respiratory Neoplasms (189-190)	433	0	0.00%	0	0	27	0	416	39	0	45	45	0	0
	Sleep Apnoea (174-175)	74	0	0.00%	0	0	54	0	110	98	0	95	1	94	0
Rheumatology	Rheumatology	410	0	0.00%	0	0	38	0	463	37	0	36	36	0	0
Miscellaneous Medicine	Miscellaneous Medicine	1721	156	9.06%	0	83	249	22.57059849	1786	110	9.970947124	96	96	0	8.70191749
	Venous Thrombosis (253-254)	393	0	0.00%	0	0	7	0	370	101	0	110	110	0	0
	Syncope (259-260)	430	0	0.00%	0	0	7	0	406	173	0	186	186	0	0
	Viral Illness (814-815)	701	0	0.00%	0	0	9	0	533	74	0	67	67	0	0
	Poisoning/Toxic Effects of Drugs/Other Injury (888-894)	1233	0	0.00%	0	0	9	0	1212	164	0	154	154	0	0
General Surgery	General Surgery	0	0	0.00%	0	0	0	0	0	0	0	0	0	0	0
Breast Surgery	Breast Surgery	765	765	100.00%	0	670	50	50	768	185	185	192	192	0	192
Cardiothoracic Surgery	Cardiothoracic Surgery	580	472	81.38%	0	218	209	170.0827586	578	177	144.0413793	185	43	142	150.5517241
	Bypass (287-291)	503	503	100.00%	0	280	204	204	466	149	149	161	0	161	161
Colorectal Surgery	Colorectal Surgery	2113	1788	84.62%	0	1664	50	42.30951254	1972	245	207.3166115	251	251	0	212.393753
Upper GIT Surgery	Upper GIT Surgery	535	339	63.36%	0	230	48	30.41495327	503	-5	-3.168224299	8	6	2	5.069158879
	Cholecystectomy (365-367)	1341	1341	100.00%	0	1331	10	10	1093	285	285	301	301	0	301
Head & Neck Surgery	Head & Neck Surgery	201	201	100.00%	0	124	55	55	154	27	27	27	7	20	27
	Thyroid Procedures (526)	234	234	100.00%	0	168	30	30	228	41	41	41	41	0	41
Neurosurgery	Neurosurgery remainder	579	229	39.55%	0	85	304	120.2348877	582	242	95.71329879	253	138	115	100.0639033
	Head Injuries (50-52)	560	0	0.00%	0	0	39	0	573	-109	0	-83	-69	-14	0
	Craniotomy (23-24)	235	235	100.00%	0	56	116	116	289	47	47	48	0	48	48
	Back & Neck Proc or Spinal Fusion (414-416)	278	278	100.00%	0	73	175	175	264	61	61	60	0	60	60
Miscellaneous Surgery	Miscellaneous Surgery Remainder	2730	1434	52.53%	0	1112	249	130.7934066	2845	200	105.0549451	176	176	0	92.44835165
	Appendicectomy (313-314)	855	855	100.00%	0	851	7	7	831	-127	-127	-96	-96	0	-96
	Hernia Repair (319-321)	1219	1219	100.00%	0	1096	109	109	1166	182	182	198	198	0	198
	Cellulitis (489-491)	1035	0	0.00%	0	0	29	0	944	223	0	231	231	0	0
	Abdo Pain or Mesenteric Adenitis (346-347)	1175	0	0.00%	0	0	28	0	1336	182	0	186	186	0	0
	Injuries (883-885)	970	0	0.00%	0	0	21	0	939	90	0	93	93	0	0

Service Related Group	Extended Service Related Group	1997/98	1997/98	1997/98	Endoscopy	SWSAHS	Flow	Surgical	2001 Total	2001	2006 Total	2006	2006	2006	2006
		Demand	Surgical Activity (EOC)	Surgical % of Total Activity	Suite/OT Procedures 1997/98	Surgical/Endoscopy Supply 1997/98	Reversal Projections	Flow Reversal Projections	1997 APPI Demand	Growth Projections	Surgical Growth Projections	Growth Projections	Growth Projections	Growth Projections	Growth Projections
	Skin,Subcutan & Breast Proc, Non-Plastic (484)	1643	1643	100.00%	0	1479	90	90	1835	-141	-141	-67	-67	0	-67
	Post-Op and Post Trauma Infect (821-822)	188	0	0.00%	0	0	11	0	229	84	0	88	88	0	0
	Circumcision	499	499	100.00%	0	393	130	130	489	5	5	-1.5	-1.5	0	-1.5
Gynaecology	Gynaecology	3278	2646	80.72%	0	2005	334	269.604637	3156	91	73.45515558	59	45	14	47.6247712
	Conisation,Vagina,Cervix & Vulva OR Proc (659)	1159	1159	100.00%	0	1019	80	80	1324	8	8	30	30	0	30
	Endoscopic Proc of Female Reproductive System	1016	1016	100.00%	0	847	110	110	986	8	8	-14	-14	0	-14
	Diagnostic Curretage &/or Hysterectomy	941	941	100.00%	0	870	57	57	833	-42	-42	-27	-27	0	-27
Obstetrics	Obstetrics Remainder	2323	1165	50.15%	0	1130	123	61.68532071	3803	-90	-45.13560052	-106	-106	0	-53.15970728
	Caesarean (670-672,687)	1540	1540	100.00%	0	1422	30	30	1208	88	88	71	71	0	71
	Vaginal Delivery (674-677,688)	9790	40	0.41%	0	35	50	0.204290092	9754	-216	-0.882533197	-257	-257	0	-1.050051073
	Other Antepartum Diagnosis (685-686)	2171	0	0.00%	0	0	155	0	2321	385	0	352	352	0	0
Dentistry	Dentistry	399	0	0.00%	0	0	18	0	715	130	0	121	121	0	0
Ear, Nose & Throat	Ear Nose & Throat Remainder	1931	638	33.04%	0	391	180	59.47177628	1695	144	47.57742103	128.5	127	1.5	42.45624029
	T's & A's (122)	872	872	100.00%	0	627	78	78	747	26	26	12	12	0	12
	Myringotomy with Tube Insertion (124)	435	435	100.00%	0	317	80	80	436	-3	-3	-9	-9	0	-9
	Otitis Media and URTI (133-135)	1060	0	0.00%	0	0	32	0	950	59	0	52	52	0	0
Orthopaedics	Orthopaedics remainder	4689	2736	58.35%	0	2422	158	92.19193858	4429	740	431.7850288	756	745	11	441.1209213
	Carpal Tunnel Release (30)	260	260	100.00%	0	212	45	45	230	89	89	92	92	0	92
	Fx,Sprain & Dislocat of arms,legs (471-476)	1707	0	0.00%	0	0	18	0	1724	267	0	264	264	0	0
	Knee procedures (421)	610	610	100.00%	0	606	40	40	450	159	159	163	163	0	163
	Arthroscopy (431)	177	177	100.00%	0	177	23	23	158	-7	-7	-15	-15	0	-15
	Hip & Knee Replacements (404-407)	640	640	100.00%	0	547	75	75	530	216	216	229	229	0	229
Ophthalmology	Ophthalmology Remainder	1013	706	69.69%	0	424	263	183.2951629	977	151	105.2379072	157	86	71	109.4195459
	Lens Procedure (98-99)	1034	1034	100.00%	0	892	135	135	952	252	252	249	249	0	249
	Eyelid Procedures (101)	171	171	100.00%	0	112	54	54	172	109	109	120	120	0	120
	Glaucoma Procedures (96-97)	44	44	100.00%	0	24	19	19	51	10	10	11.6	1.6	10	11.6
Plastic & Reconstructive	Plastic & Reconstructive Surgery	1631	1127	69.10%	0	811	228	157.5450644	1601	423	292.2875536	430	408	22	297.1244635
	Hand Surgery (432,896,900)	909	909	100.00%	0	787	98	98	869	78	78	78	78	0	78
Urology	Urology Remainder	2179	683	31.34%	188	380	363	113.7810922	1995	251	78.67508031	281	268	13	88.07847637
	TURP ((604-606)	450	450	100.00%	0	469	15	15	399	21	21	28	28	0	28
	Urinary Stones (578-579)	1056	0	0.00%	0	0	168	0	1001	260	0	274	241	33	0
	Testes Procedures (607-611)	425	425	100.00%	0	277	110	110	425	3	3	0	0	0	0
	Male Sterilisation (622)	332	0	0.00%	0	0	1	0	375	2	0	-8	-8	0	0
	Transurethral Procedures (560-562)	566	566	100.00%	0	435	110	110	527	141	141	153	153	0	153
Vascular Surgery	Vascular Surgery	918	611	66.56%	0	489	114	75.87581699	998	300	199.6732026	316	259	57	210.3224401
	Vein Ligaton and Stripping (239)	425	425	100.00%	0	388	27	27	266	37	37	35	35	0	35
Drug & Alcohol	Drug & Alcohol	267	0	0.00%	0	0	31	0	178	100	0	97	97	0	0
Psychiatry	Psychiatry	980	0	0.00%	0	0	47	0	960	205	0	201	199	2	0
Rehabilitation	Rehabilitation	169	0	0.00%	0	0	42	0	167	454	0	510	510	0	0
Renal Dialysis	Renal Dialysis	15327	0	0.00%	0	0	1750	0	14252	4556	0	4787	4787	0	0
Transplantation	Transplantation	197	44	22.34%	0	1	0	0	199	126	28.14213198	133	108	25	29.70558376
Extensive Burns	Extensive Burns	5	2	40.00%	0	0	0	0	4	0	0	0	0	0	0
Radiation Oncology	Radiation Oncology	11	0	0.00%	0	0	0	0	15	0	0	0.5	0.5	0	0
Perinatology	Perinatology	2082	71	3.41%	0	18	180	6.13832853	1869	-25	-0.852545629	-17.5	-15	-2.5	-0.59678194
ANDRG 727	ANDRG 727	9572	0	0.00%	0	0	50	0	0	0	0	0	0	0	0
ANDRG 701	ANDRG 701	553	0	0.00%	0	0	0	0	0	0	0	0	0	0	0
TOTALS		145894	41801	28.65%	6735	34743	12991	3722.132445	135500	28139.7	8062.480977	29622.4	27983.2	1639.2	8487.298603

Note: 2001 and 2006 Projections are rounded figures.

Source: NSW Health APPI