

CHAPTER 1

STOCK AND FLOW

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Figure 1.1

Prevalent Patients 1997 - 2001
(Number Per Million Population at 31 December)

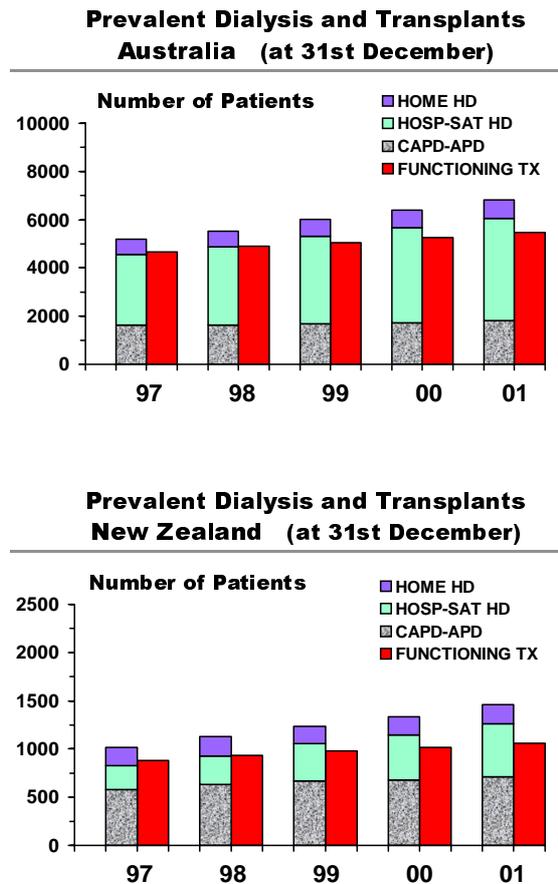
	1997	1998	1999	2000	2001
Australia Total	9860 (532)	10423 (556)	11065 (583)	11646 (608)	12278 (633)
No. Functioning Transplants ● #	4670 (252)	4886 (261)	5049 (266)	5244 (274)	5466 (282)
No. Dialysis Patients	5190 (280)	5537 (295)	6016 (317)	6402 (334)	6812 (351)
Proportion Home *	43%	40%	39%	38%	37%
Proportion Satellite	28%	31%	33%	34%	36%
Proportion CAPD/APD	31%	29%	28%	27%	27%
New Zealand Total	1899 (505)	2063 (544)	2215 (581)	2355 (615)	2522 (655)
No. Functioning Transplants ● #	881 (234)	934 (246)	982 (258)	1020 (266)	1062 (276)
No. Dialysis Patients	1018 (271)	1129 (298)	1233 (324)	1335 (348)	1460 (279)
Proportion Home *	75%	73%	68%	65%	62%
Proportion Satellite	1%	4%	7%	10%	12%
Proportion CAPD/APD	57%	56%	54%	51%	49%

● Country of Transplant
Patients lost to follow up are not included
* Proportion of all patients dialysing currently receiving home-based treatment

Figure 1.2

Patient Flow Summary 1997 - 2001
(Number Per Million Population at 31 December)
* Country of Transplant

	1997	1998	1999	2000	2001
Australia Total					
Total New Patients	1483 (80)	1609 (86)	1747 (92)	1754 (92)	1883 (97)
Total New Transplants *	502 (27)	518 (28)	453 (24)	530 (28)	540 (28)
Living Donor Transplants	144	161	167	180	212
Subsequent Transplants	58	75	51	55	53
Total Deaths	910	1020	1074	1144	1228
Dialysis Patients	797	894	953	973	1079
Transplant Patients	113	126	121	171	149
New Zealand Total					
Total New Patients	320 (85)	371 (98)	375 (98)	420 (110)	458 (119)
Total New Transplants *	112 (30)	106 (28)	112 (29)	106 (28)	110 (29)
Living Donor Transplants	31	31	42	31	43
Subsequent Transplants	11	11	15	15	9
Total Deaths	184	203	214	271	284
Dialysis Patients	157	178	191	245	261
Transplant Patients	27	25	23	26	23

Figure 1.3

Figure 1.4

Prevalence and Incidence by Indigenous Origin, 1997 - 2001 (Number Per Million Population Per Year For New Patients) Aboriginal And Torres Strait Islanders Combined						
Race		1997	1998	1999	2000	2001
Australia						
Aboriginal And Torres Strait Islanders	New Patients	152 (386)	137 (340)	157 (382)	149 (356)	170 (398)
	Transplant Operations	22 (56)	28 (70)	23 (56)	18 (43)	21 (49)
	Functioning Transplants	96 (244)	105 (261)	117 (285)	119 (284)	122 (286)
	Dialysis	439 (1114)	480 (1193)	531 (1293)	577 (1378)	617 (1445)
	Deaths	82 (208)	86 (214)	90 (219)	106 (253)	103 (241)
New Zealand						
Maori	New Patients	109 (194)	130 (227)	109 (186)	128 (214)	146 (239)
	Transplant Operations	11 (20)	17 (30)	17 (29)	13 (22)	15 (25)
	Functioning Transplants	85 (152)	93 (162)	100 (171)	100 (167)	103 (168)
	Dialysis	330 (589)	382 (666)	398 (679)	419 (700)	455 (744)
	Deaths	75 (134)	71 (124)	84 (143)	106 (177)	106 (173)
Pacific Islander	New Patients	31 (148)	48 (222)	54 (242)	71 (309)	67 (283)
	Transplant Operations	4 (19)	7 (32)	8 (36)	4 (17)	6 (25)
	Functioning Transplants	41 (196)	41 (189)	42 (188)	42 (183)	44 (186)
	Dialysis	160 (766)	181 (838)	205 (919)	251 (1091)	276 (1165)
	Deaths	15 (72)	26 (120)	26 (117)	23 (100)	36 (152)



Figure 1.5

National and State Stock and Flow 1-Jan-2001 to 31-Dec-2001							
(31-Dec-2000 Figures)							
# Patients Lost to Follow-up are Not Included							
* Resident State							
State	New Patients	Transplant Operations *	Deaths		Dialysis Dependent	Functioning Transplants # *	Total
			Dialysis	Transplant			
Queensland	330 (343)	123 (103)	203 (171)	31 (28)	1089 (1046)	1126 (1069)	2215 (2115)
New South Wales	582 (534)	124 (135)	338 (345)	56 (73)	2304 (2150)	1592 (1568)	3896 (3718)
Aust.Capital Territory	34 (40)	18 (24)	23 (21)	5 (1)	160 (162)	134 (125)	294 (287)
Victoria	496 (438)	148 (131)	256 (230)	21 (28)	1851 (1707)	1332 (1263)	3183 (2970)
Tasmania	38 (32)	11 (7)	28 (16)	3 (3)	124 (121)	113 (109)	237 (230)
South Australia	153 (117)	58 (56)	60 (55)	16 (21)	433 (395)	599 (566)	1032 (961)
Northern Territory	64 (53)	10 (11)	29 (34)	5 (4)	209 (178)	67 (64)	276 (242)
Western Australia	186 (197)	49 (63)	142 (101)	12 (13)	642 (643)	514 (491)	1156 (1134)
Australia	1883 (1754)	541 (530)	1079 (973)	149 (171)	6812 (6402)	5477 (5255)	12289 (11657)
New Zealand	458 (420)	109 (106)	261 (245)	23 (26)	1460 (1335)	1051 (1009)	2511 (2344)

Figure 1.6

Prevalent Transplant and Dialysis Patients 1982 - 2001						
Country of Transplant						
# Patients Lost to Follow-up are Not Included						
(Number Per Million Population at 31 December)						
Australia				New Zealand		
Year	Transplant #	Dialysis	Total	Transplant #	Dialysis	Total
1982	1645 (108)	1836 (121)	3481 (229)	261 (82)	342 (107)	603 (189)
1983	1771 (115)	2019 (131)	3790 (246)	318 (99)	339 (105)	657 (203)
1984	1971 (127)	2152 (138)	4123 (265)	348 (107)	370 (113)	718 (220)
1985	2163 (137)	2230 (142)	4393 (279)	377 (115)	402 (122)	779 (237)
1986	2391 (150)	2339 (146)	4730 (296)	426 (129)	402 (122)	828 (250)
1987	2572 (158)	2526 (155)	5098 (314)	452 (135)	437 (131)	889 (266)
1988	2796 (169)	2675 (162)	5471 (331)	484 (145)	482 (144)	966 (289)
1989	3050 (181)	2751 (164)	5801 (345)	531 (158)	527 (156)	1058 (313)
1990	3262 (191)	2956 (173)	6218 (364)	579 (171)	557 (162)	1136 (331)
1991	3489 (201)	3138 (181)	6627 (382)	607 (175)	630 (182)	1237 (356)
1992	3696 (211)	3382 (193)	7078 (404)	677 (193)	674 (192)	1351 (384)
1993	3865 (219)	3703 (210)	7568 (429)	705 (198)	721 (203)	1426 (401)
1994	4055 (227)	4098 (230)	8153 (457)	731 (203)	784 (218)	1515 (421)
1995	4221 (234)	4522 (250)	8743 (484)	783 (214)	851 (233)	1634 (447)
1996	4429 (242)	4886 (267)	9315 (509)	823 (222)	935 (252)	1758 (473)
1997	4670 (252)	5190 (280)	9860 (532)	881 (234)	1018 (271)	1899 (505)
1998	4886 (261)	5537 (295)	10423 (556)	934 (246)	1129 (298)	2063 (544)
1999	5049 (266)	6016 (317)	11065 (583)	982 (258)	1233 (324)	2215 (581)
2000	5244 (274)	6402 (334)	11646 (608)	1020 (266)	1335 (348)	2355 (615)
2001	5466 (282)	6812 (351)	12278 (633)	1062 (276)	1460 (279)	2522 (655)

Figure 1.7

Comparison of Transplant and Dialysis Dependent Patients 1997 - 2001					
(Number Per Million Population at 31 December)					
	1997	1998	1999	2000	2001
TRANSPLANTS *					
Queensland	944 (278)	992 (287)	1017 (290)	1069 (300)	1126 (310)
New South Wales *	1509 (248)	1541 (250)	1558 (249)	1568 (250)	1592 (250)
Aust. Capital Territory *	91 (186)	96 (196)	106 (215)	125 (253)	134 (266)
Victoria	1108 (241)	1172 (251)	1206 (256)	1263 (265)	1332 (276)
Tasmania	98 (207)	108 (229)	111 (236)	109 (232)	113 (240)
South Australia	491 (332)	522 (351)	548 (367)	566 (378)	599 (399)
Northern Territory	49 (262)	53 (279)	62 (321)	64 (327)	67 (339)
Western Australia	394 (219)	415 (227)	454 (244)	491 (261)	514 (269)
Australia	4684 (253)	4899 (261)	5062 (267)	5255 (274)	5477 (283)
New Zealand	867 (231)	921 (247)	968 (254)	1009 (263)	1051 (273)
* By Resident State and Country					
DIALYSIS					
Queensland	802 (236)	876 (253)	954 (272)	1046 (293)	1089 (300)
New South Wales *	1855 (304)	1935 (314)	2069 (332)	2150 (342)	2304 (363)
Aust. Capital Territory *	147 (300)	157 (321)	159 (323)	162 (327)	160 (318)
Victoria	1324 (288)	1439 (309)	1595 (338)	1707 (358)	1851 (383)
Tasmania	110 (232)	102 (216)	101 (215)	121 (257)	124 (264)
South Australia	314 (212)	324 (218)	377 (252)	395 (264)	433 (288)
Northern Territory	148 (791)	161 (847)	165 (855)	178 (911)	209 (1058)
Western Australia	490 (273)	543 (296)	596 (320)	643 (341)	642 (336)
Australia	5190 (280)	5537 (295)	6016 (317)	6402 (334)	6812 (351)
New Zealand	1018 (271)	1129 (298)	1233 (324)	1335 (348)	1460 (379)

* NSW population excludes residents of the Southern Area Health Service
 * ACT population includes residents of the Southern Area Health Service (Medical services in the ACT service the Southern Area Region)
 Transplanted patients lost to follow up have been excluded

State data graphs are shown on Page 6

Figure 1.8

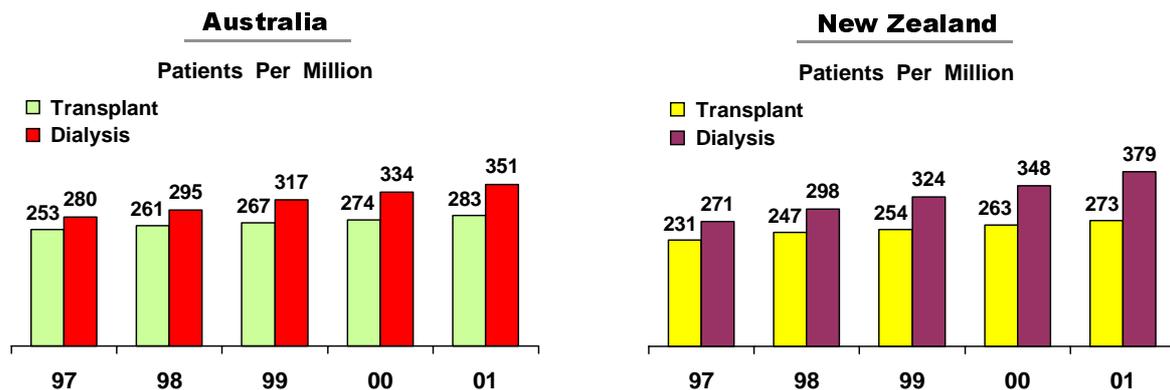
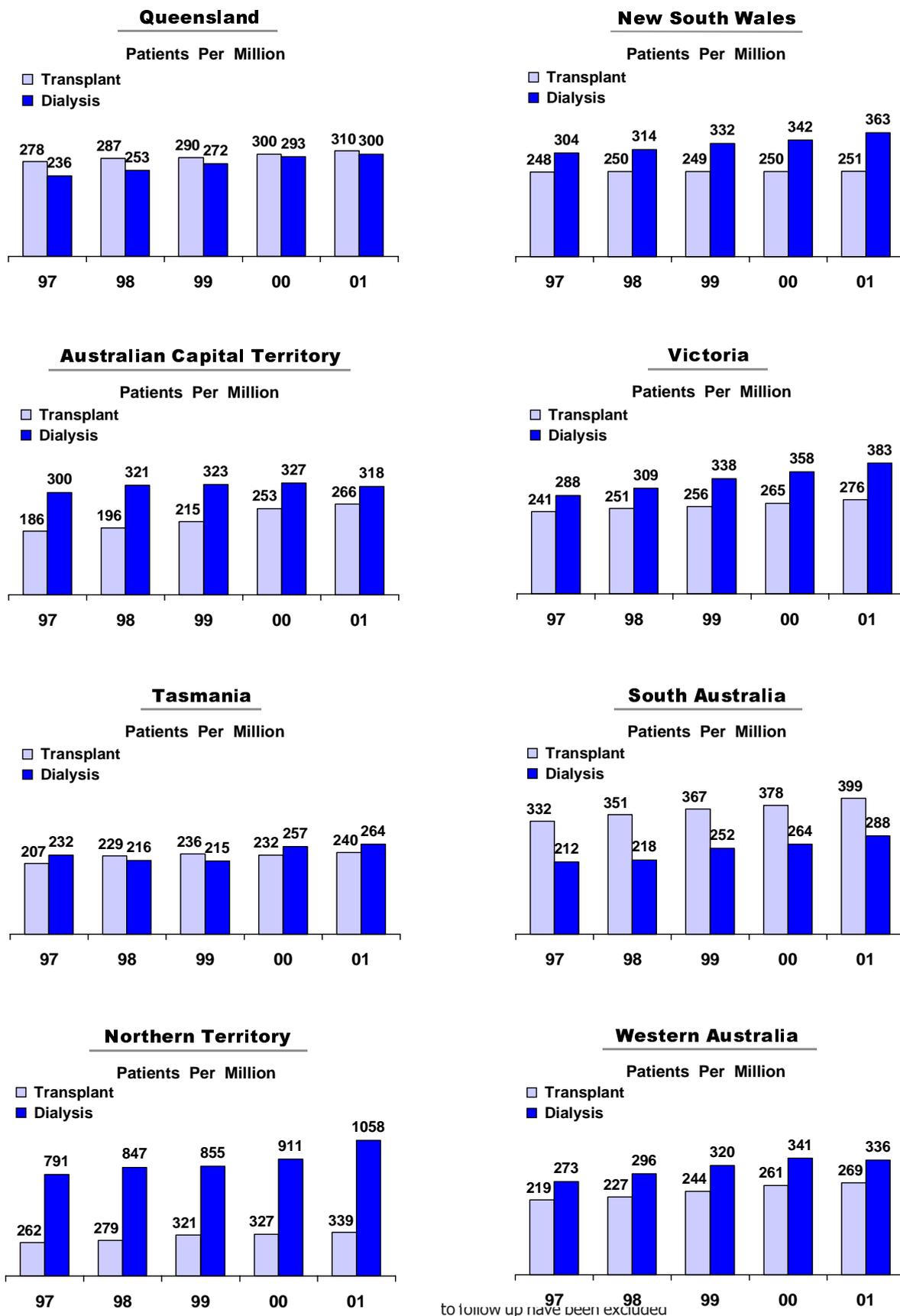




Figure 1.9

Comparison of Transplant and Dialysis Dependent Patients 1997 - 2001



to follow up have been excluded