

NEW PATIENTS

PATIENTS COMMENCING TREATMENT IN 1996

AUSTRALIA

In Australia, the number of patients with end stage renal failure starting treatment has risen steadily over the past six years from 984 patients (1991) to 1405 patients (1996): 57 to 77 per million respectively. See Table 8. Non Caucasoid (Europid) patients have fallen to 17% (1996), 19% (1995). In relation to the general population in each age group, those 65-74 years increased in 1996 to 312 per million (257 per million 1995). See Table 9.

There was only a 1.5% increase (22 patients) in the number commencing treatment compared to 1995. Incidence rates for the previous five years are shown in Figure 28.

Males comprised 57% of patients (58% in 1995). See Table 12.

The median age of all patients was 59.4 years (59.1 years males, 60.3 years females). Modal age group was 65-74 years (males and females). Mean age was 55.5 years. Age range was from 4 months to 88.5 years. See Table 7 and Figure 29.

The age group specific new patient rates are shown in Figure 30.

Most patients were Caucasoid (Europid) 83%, 6.5% Aboriginal, 1% Pacific Islander, 5% Asian and 4% other.

There was a fall in new patients in the age group 45-64 years, representing a reduction from a rapid annual rise in this age group in the previous years.

NEW ZEALAND

In New Zealand, the number has risen from 215 patients (1991) to 285 patients (1996): 62 to 78 per million respectively. Non Caucasoid patients represented 51% (1996), 49% (1995). Median age was 52.4 years. See Table 8.

The intake remained similar, 285 patients (78 per million): 287 (79 per million in 1995). See Figure 31.

Males comprised 55% of patients (60% 1995). See Table 12.

The median age of patients was 52.7 years for males and 52.4 years for females. Modal age group was 55-64 years for both males and females. Mean age had decreased to 50.4 years. Age range was from 8 months to 79.5 years. See Table 7 and Figure 32.

The age distribution showed a decrease (22%) in adults 45-54 years old, and also in young adults 25-34 years. Those 65-74 years increased to 17%. The age group specific rates are shown in Figure 33.

Half the patients were Caucasoid (Europid) 49%; 33% Maori, 11% Pacific Islander and 3% Asian.

The comparative annual rates of treatment in relation to race show a 2-4 fold excess in the Aboriginal, Maori and Pacific Islanders compared to the Caucasian group. See Australia Figure 34 and New Zealand Figure 35.

AUSTRALIAN STATES

The number of new patients increased in all States. The lowest intake rates were Western Australia (66 per million) and Tasmania (63 per million).

Excluding analgesic nephropathy the highest intakes were Northern Territory (253 per million) and Victoria (76 per million).

In the modal age group 65-74 years the lowest rate was in South Australia (194 per million), the highest New South Wales/ACT (369 per million) and Northern Territory (720 per million).

The median, mean ages and age range are shown in Table 7.

Table 7 **Australia and New Zealand**
Median, Mean and Age Range of New Patients 1996

	Qld	NSW	Vic.	Tas.	SA	NT	WA	Aust.	N.Z.
Male									
Median	55.6	59.7	61.6	56.0	58.1	50.2	55.2	59.1	52.7
Mean	54.4	56.1	57.2	52.8	54.9	51.4	51.8	55.4	51.1
Range	10.4-86.1	5.2-84.5	0.6-82.6	19.8-75.8	0.9-82.5	31.4-75.4	1.0-88.1	0.6-88.1	0.7-77.6
Female									
Median	61.9	62.3	60.7	60.1	57.7	48.2	56.8	60.3	52.4
Mean	56.4	56.4	55.7	54.1	55.8	48.1	54.8	55.7	49.6
Range	8.3-82.0	1.1-87.1	0.4-88.5	31.6-76.0	26.6-75.1	25.8-68.9	23.0-79.1	0.4-88.5	2.2-79.4
All									
Median	59.3	61.1	61.2	56.7	58.1	48.2	55.8	59.4	52.4
Mean	55.3	56.3	56.6	53.3	55.2	49.6	52.9	55.5	50.4
Range	8.3-86.1	1.1-87.1	0.4-88.5	19.8-76.0	0.9-82.5	25.8-75.4	1.0-88.1	0.4-88.5	0.7-79.4

Table 8

Australia and New Zealand

Annual Intake of New Patients 1992 - 1996

States	1992	1993	1994	1995	1996
Aust.	1086 (62)	1159 (66)	1314 (74)	1383 (77)	1405 (77)
Qld	179 (59)	203 (65)	229 (72)	239 (73)	227 (68)
NSW/ACT	420 (67)	431 (69)	466 (73)	500 (78)	535 (82)
Vic.	255 (57)	273 (61)	322 (72)	329 (73)	344 (76)
Tas.	28 (59)	29 (61)	25 (53)	41 (87)	30 (63)
SA	84 (58)	75 (51)	101 (69)	94 (64)	105 (71)
NT *	23(9)(136)	35(1)(208)	41 (240)	39(1)(224)	47 (264)
WA	97 (58)	113 (67)	130 (76)	141 (81)	117 (66)
N.Z.	246 (71)	232 (66)	249 (70)	287 (79)	285 (78)

(*) Northern Territory residents received initial treatment in South Australia

() Per million population

Table 9

Australia

Acceptance of Elderly New Patients 1992 - 1996

Age Groups	1992	1993	1994	1995	1996
60-64 years	157 (216)	161 (226)	147 (209)	181 (258)	160 (228)
65-69 years	154 (228)	168 (245)	185 (268)	202 (292)	222 (321)
70-74 years	89 (168)	130 (235)	155 (268)	132 (223)	182 (302)
75-79 years	22 (56)	49 (124)	57 (144)	87 (214)	94 (220)
80-84 years	9 (38)	10 (40)	13 (49)	15 (55)	20 (70)
> 85 years	0 (0)	1 (6)	3 (16)	3 (16)	5 (25)
Total	431 (159)	519 (187)	560 (199)	620 (217)	683 (235)

New Zealand

Age Groups	1992	1993	1994	1995	1996
60-64 years	36 (254)	30 (213)	39 (283)	38 (277)	29 (211)
65-69 years	16 (121)	20 (147)	29 (212)	31 (228)	35 (258)
70-74 years	21 (196)	12 (108)	10 (89)	15 (131)	19 (167)
75-79 years	3 (38)	2 (25)	1 (13)	9 (119)	6 (80)
80-84 years	0 (0)	0 (0)	1 (37)	1 (18)	0 (0)
Total	76 (139)	64 (115)	80 (144)	94 (169)	89 (160)

Table 10

Australia

Analgesic Nephropathy 1990 - 1996

	1990	1991	1992	1993	1994	1995	1996
Analgesic	104 (6)	119 (7)	100 (6)	124 (7)	96 (5)	94 (5)	93 (5)
Non Analgesic	847 (50)	862 (50)	986 (56)	1035 (59)	1218 (69)	1289 (72)	1312 (72)
Total	951 (56)	981 (57)	1086 (62)	1159 (66)	1314 (74)	1383 (77)	1405 (77)

Australian States 1996

	Qld	NSW/ACT	Vic.	Tas.	SA	NT	WA
Analgesic	16 (5)	66 (10)	5 (1)	0 (0)	0 (0)	2 (11)	4 (2)
Non Analgesic	211 (63)	469 (72)	339 (76)	30 (63)	105 (71)	45 (253)	113 (64)
Total	227 (68)	535 (82)	344 (77)	30 (63)	105 (71)	47 (264)	117 (66)

() Per million population in each State

Table 11**Australia and New Zealand****Number of New Patients by Age Group
1-Jan-96 to 31-Dec-96**

Age Groups	Qld	NSW/ACT	Vic.	Tas.	SA	NT	WA	Aust.	N.Z.
00-04 years	0 (0)	5 (11)	3 (10)	0 (0)	1 (10)	0 (0)	3 (24)	12 (9)	3 (10)
05-14 years	4 (8)	9 (10)	3 (5)	0 (0)	1 (5)	0 (0)	2 (8)	19 (7)	8 (15)
15-24 years	6 (12)	26 (27)	11 (16)	1 (15)	1 (5)	0 (0)	2 (8)	47 (17)	16 (29)
25-34 years	21 (40)	32 (31)	22 (31)	5 (74)	15 (67)	6 (175)	14 (51)	115 (40)	19 (33)
35-44 years	32 (63)	57 (58)	44 (64)	4 (55)	8 (35)	10 (338)	15 (54)	170 (61)	45 (83)
45-54 years	38 (89)	77 (94)	43 (75)	4 (67)	20 (105)	15 (697)	21 (93)	218 (94)	64 (150)
55-64 years	41 (150)	104 (188)	92 (237)	5 (122)	23 (178)	12 (1255)	24 (169)	301 (196)	70 (240)
65-74 years	67 (298)	174 (369)	103 (312)	8 (227)	23 (194)	3 (720)	26 (238)	404 (312)	54 (216)
75-84 years	17 (138)	49 (189)	22 (122)	3 (151)	13 (191)	1 (670)	9 (155)	114 (161)	6 (46)
85-94 years	1 (29)	2 (28)	1 (19)	0 (0)	0 (0)	0 (0)	1 (57)	5 (25)	0 (0)
Total	227 (68)	535 (82)	344 (76)	30 (63)	105 (71)	47 (264)	117 (66)	1405 (77)	285 (78)

() Per million age group population

Table 12**Australia and New Zealand****Age and Gender of New Patients
1-Jan-96 to 31-Dec-96**

Age Groups	Qld (n=227)		NSW/ACT (n=535)		Vic. (n=344)		Tas. (n=30)		SA (n=105)		NT (n=47)		WA (n=117)		Aust. (n=1405)		N.Z. (n=285)	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
00-04 years	0	0	0	5	1	2	0	0	1	0	0	0	3	0	5	7	1	2
05-14 years	3	1	6	3	2	1	0	0	1	0	0	0	2	0	14	5	3	5
15-24 years	5	1	15	11	6	5	1	0	1	0	0	0	1	1	29	18	7	9
25-34 years	9	12	16	16	16	6	2	3	12	3	1	5	9	5	65	50	12	7
35-44 years	20	12	33	24	21	23	3	1	4	4	4	6	10	5	95	75	27	18
45-54 years	27	11	47	30	24	19	3	1	12	8	10	5	13	8	136	82	36	28
55-64 years	21	20	43	61	55	37	3	2	14	9	3	9	16	8	155	146	41	29
65-74 years	33	34	88	86	62	41	6	2	15	8	2	1	14	12	220	184	26	28
75-84 years	11	6	30	19	15	7	1	2	12	1	1	0	7	2	77	37	5	1
85-94 years	1	0	0	2	0	1	0	0	0	0	0	0	1	0	2	3	0	0
Total	130	97	278	257	202	142	19	11	72	33	21	26	76	41	798	607	158	127

Figure 28

New Patients - Australia

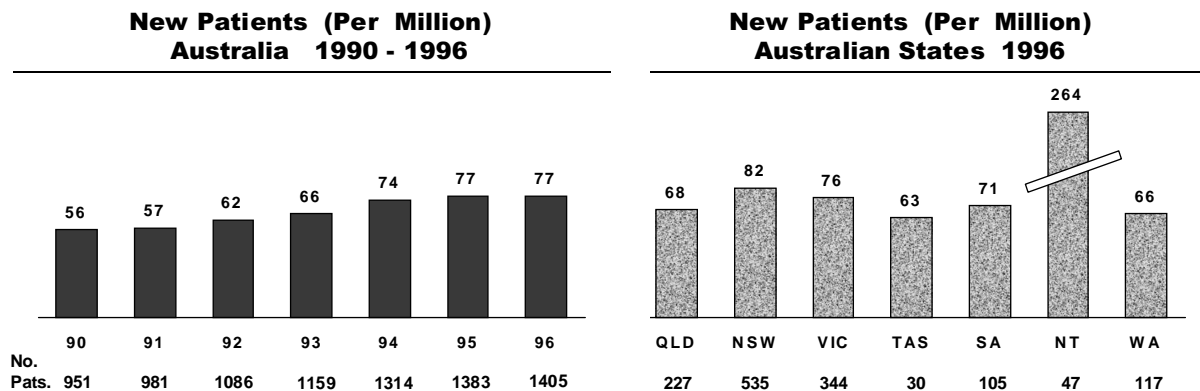


Figure 29

Age of New Patients - Australia 1996

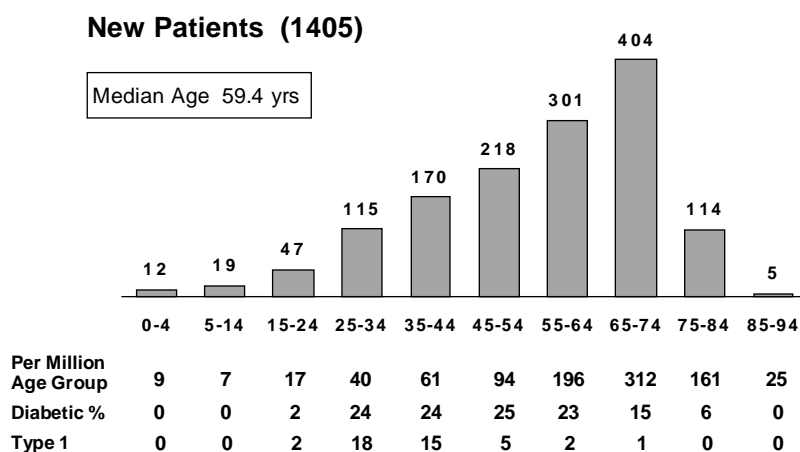


Figure 30

Acceptance of New Patients 1987 - 1996 Age Specific Rates - Australia

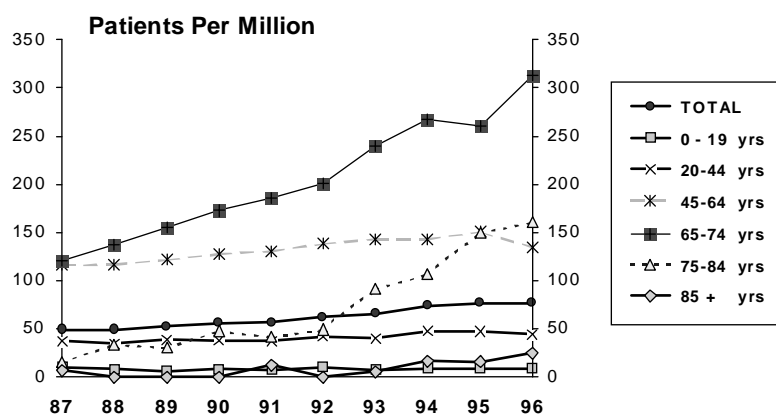


Figure 31

New Patients - New Zealand

**New Patients (Per Million)
New Zealand 1990 - 1996**

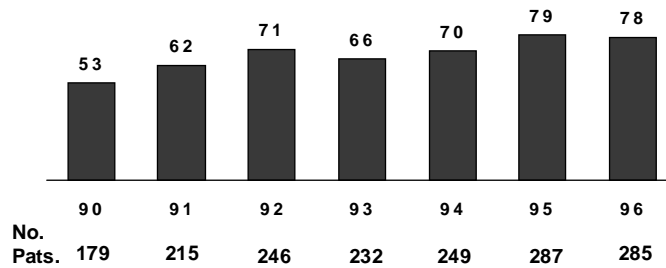


Figure 32

Age of New Patients - New Zealand 1996

New Patients (285)

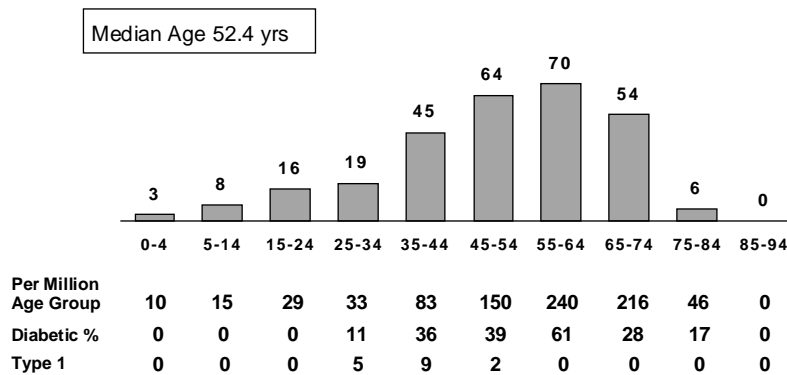


Figure 33

**Acceptance of New Patients 1987 - 1996
Age Specific Rates - New Zealand**

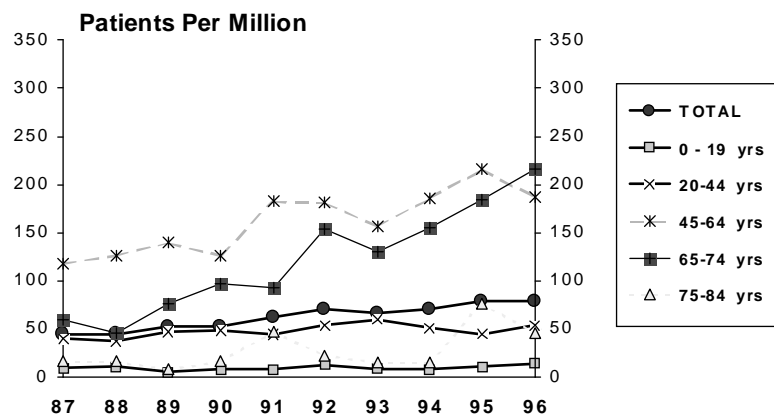


Figure 34

New Acceptances by Race Australia 1988 - 1996

Patients Per Million

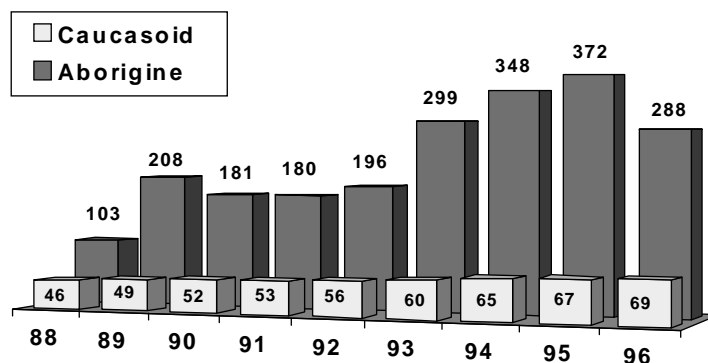


Figure 35

New Acceptances by Race New Zealand 1988 - 1996

Patients Per Million

