



APPENDIX III

NEW ZEALAND

APPENDIX III - NEW ZEALAND

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NUMBER OF NEW PATIENTS IN EACH AGE GROUP

NEW ZEALAND 1965 - 2003

YEAR	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
1965	0	0	0	1	1	0	0	0	0	0	2
1966	0	0	2	6	5	2	0	0	0	0	15
1967	0	0	7	8	6	4	0	0	0	0	25
1968	0	0	5	6	14	5	0	0	0	0	30
1969	0	0	9	12	12	11	1	0	0	0	45
1970	0	0	6	10	7	9	2	0	0	0	34
1971	0	1	6	10	13	4	2	0	0	0	36
1972	0	2	8	13	17	12	3	0	0	0	55
1973	0	2	6	15	20	9	4	0	0	0	56
1974	0	1	8	11	8	18	3	0	0	0	49
1975	0	4	14	9	13	19	9	1	0	0	69
1976	0	1	15	15	15	14	9	1	0	0	70
1977	0	3	14	16	21	9	12	0	0	0	75
1978	0	6	16	15	14	19	8	0	0	0	78
1979	0	4	21	15	18	17	17	3	0	0	95
1980	0	6	16	23	13	23	12	2	0	0	95
1981	0	5	20	23	22	26	17	2	0	0	115
1982	0	2	14	15	16	25	25	6	0	0	103
1983	0	4	13	17	19	24	17	4	0	0	98
1984	0	1	15	18	22	30	25	6	0	0	117
1985	0	3	12	17	21	38	24	9	0	0	124
1986	1	6	10	15	19	33	31	9	0	0	124
1987	2	6	20	20	15	49	24	13	2	0	151
1988	0	3	18	20	20	43	36	10	2	0	152
1989	0	5	13	23	27	40	48	17	1	0	174
1990	0	5	15	22	33	38	42	22	2	0	179
1991	2	4	13	24	26	50	68	22	6	0	215
1992	1	6	15	28	35	52	68	37	3	0	245
1993	4	4	13	31	39	44	63	32	2	0	232
1994	0	6	9	28	36	58	70	39	2	0	248
1995	1	4	13	19	39	82	73	46	10	0	287
1996	3	7	17	18	45	67	72	54	6	0	289
1997	1	6	13	30	41	68	80	69	11	1	320
1998	0	5	15	31	38	67	117	79	17	1	370
1999	1	4	11	28	37	83	96	78	35	2	375
2000	2	4	16	32	45	81	131	73	36	1	421
2001	5	2	17	26	57	99	122	106	33	2	469
2002	0	12	15	24	43	101	145	92	29	2	463
2003	1	6	23	19	46	86	113	104	48	3	449
	24	140	493	713	938	1459	1589	936	245	12	6549

**NUMBER OF NEW PATIENTS BY RACIAL ORIGIN
NEW ZEALAND 1999 - 2003**

YEAR	RACIAL ORIGIN	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL	
1999	CAUCASOID	1	3	6	13	21	34	36	43	28	2	187	
	CHINESE	0	0	0	0	0	1	1	1	2	0	5	
	COOK ISLANDER	0	0	1	1	1	1	5	0	1	0	10	
	FILIPINO	0	0	0	1	0	0	0	0	0	0	1	
	INDIAN	0	0	0	0	0	6	3	1	0	0	10	
	MAORI	0	0	1	10	10	27	34	26	3	0	111	
	OTHER	0	0	0	1	1	1	0	3	0	0	6	
	PACIFIC ISLANDER-OTHER	0	0	0	0	1	2	4	0	0	0	7	
	SAMOAN	0	1	2	2	2	9	9	4	1	0	30	
	TONGAN	0	0	0	0	1	2	4	0	0	0	7	
	VIETNAMESE	0	0	1	0	0	0	0	0	0	0	1	
			1	4	11	28	37	83	96	78	35	2	375
	2000	ARAB	0	0	0	0	0	0	0	1	0	0	1
CAUCASOID		1	0	6	19	25	25	48	43	32	1	200	
CHINESE		0	0	1	0	0	0	5	1	0	0	7	
COOK ISLANDER		1	0	1	2	2	1	5	2	0	0	14	
FILIPINO		0	0	0	0	0	0	0	1	0	0	1	
INDIAN		0	1	0	1	1	2	5	2	0	0	12	
MAORI		0	2	4	6	10	35	52	17	2	0	128	
PACIFIC ISLANDER-OTHER		0	0	2	1	1	1	1	2	0	0	8	
SAMOAN		0	1	2	2	3	15	12	4	2	0	41	
TONGAN		0	0	0	1	3	2	3	0	0	0	9	
		2	4	16	32	45	81	131	73	36	1	421	
2001	ARAB	0	0	0	1	0	0	0	0	0	0	1	
	CAUCASOID	4	2	6	13	24	32	47	65	26	2	221	
	CHINESE	0	0	1	2	1	2	0	3	1	0	10	
	COOK ISLANDER	0	0	0	0	5	6	3	4	0	0	18	
	FILIPINO	0	0	0	0	1	0	0	0	0	0	1	
	INDIAN	0	0	0	1	1	3	4	3	0	0	12	
	MALAY	0	0	0	0	1	0	0	1	0	0	2	
	MAORI	1	0	4	7	17	39	55	22	5	0	150	
	OTHER	0	0	0	0	0	1	0	0	0	0	1	
	PACIFIC ISLANDER-OTHER	0	0	0	1	2	3	0	3	0	0	9	
	SAMOAN	0	0	3	1	4	10	6	3	0	0	27	
	TONGAN	0	0	1	0	1	2	7	2	1	0	14	
	VIETNAMESE	0	0	2	0	0	1	0	0	0	0	3	
		5	2	17	26	57	99	122	106	33	2	469	
2002	ABORIGINAL	0	0	0	0	0	0	1	0	0	0	1	
	CAUCASOID	0	8	8	12	25	42	57	47	23	2	224	
	CHINESE	0	0	0	0	0	2	1	1	1	0	5	
	COOK ISLANDER	0	1	0	1	3	4	5	3	1	0	18	
	FILIPINO	0	0	0	0	0	0	1	0	0	0	1	
	INDIAN	0	0	2	0	1	8	6	3	0	0	20	
	MALAY	0	0	0	0	0	0	1	1	0	0	2	
	MAORI	0	2	4	9	12	38	51	31	2	0	149	
	OTHER	0	0	0	0	0	1	3	0	0	0	4	
	PACIFIC ISLANDER-OTHER	0	1	0	0	1	1	3	2	0	0	8	
	SAMOAN	0	0	0	2	1	5	12	2	2	0	24	
	TONGAN	0	0	1	0	0	0	4	1	0	0	6	
	VIETNAMESE	0	0	0	0	0	0	0	1	0	0	1	
		0	12	15	24	43	101	145	92	29	2	463	
2003	ARAB	0	0	0	0	1	0	0	0	0	0	1	
	CAUCASOID	1	3	8	11	22	35	34	57	37	2	210	
	CHINESE	0	2	1	0	0	1	2	1	0	1	8	
	COOK ISLANDER	0	1	0	1	2	0	5	1	1	0	11	
	FILIPINO	0	0	0	0	0	1	0	0	0	0	1	
	INDIAN	0	0	0	0	1	3	0	3	1	0	8	
	MAORI	0	0	9	1	17	31	48	29	6	0	141	
	OTHER	0	0	1	1	0	1	1	0	0	0	4	
	PACIFIC ISLANDER-OTHER	0	0	0	2	1	4	6	5	2	0	20	
	SAMOAN	0	0	4	2	2	9	12	6	1	0	36	
	TONGAN	0	0	0	1	0	1	5	2	0	0	9	
		1	6	23	19	46	86	113	104	48	3	449	

GENDER, PRIMARY RENAL DISEASE AND AGE OF NEW PATIENTS

NEW ZEALAND 2001-2003

YEAR	GENDER	PRIMARY RENAL DISEASE	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
2001	FEMALE	DIABETES-1 INSULIN DEPENDENT	0	0	0	2	2	2	0	0	0	0	6
		DIABETES-2 INSULIN REQUIRING	0	0	0	0	4	7	13	9	1	0	34
		DIABETES-2 NON INSULIN	0	0	0	0	0	12	12	7	2	0	33
		GLOMERULONEPHRITIS	0	1	5	1	14	10	8	7	2	0	48
		HYPERTENSION	0	0	0	1	0	2	1	9	6	0	19
		MISCELLANEOUS	2	0	0	2	1	3	5	5	2	0	20
		POLYCYSTIC	0	0	0	0	1	2	8	4	0	0	15
		REFLUX	0	0	0	3	0	3	1	0	0	0	7
		UNCERTAIN	0	0	2	0	2	0	2	3	1	0	10
			2	1	7	9	24	41	50	44	14	0	192
	MALE	DIABETES-1 INSULIN DEPENDENT	0	0	0	2	4	3	0	0	0	0	9
		DIABETES-2 INSULIN REQUIRING	0	0	0	0	3	10	18	6	0	0	37
		DIABETES-2 NON INSULIN	0	0	0	0	6	17	24	8	3	0	58
		GLOMERULONEPHRITIS	1	0	7	13	14	14	15	18	1	1	84
		HYPERTENSION	0	0	0	0	0	3	5	16	12	1	37
		MISCELLANEOUS	2	1	2	1	0	2	7	4	0	0	19
		POLYCYSTIC	0	0	0	0	4	4	3	3	0	0	14
		REFLUX	0	0	1	0	2	2	0	0	0	0	5
		UNCERTAIN	0	0	0	1	0	3	0	7	3	0	14
		3	1	10	17	33	58	72	62	19	2	277	
		5	2	17	26	57	99	122	106	33	2	469	
2002	FEMALE	ANALGESIC	0	0	0	0	1	1	0	0	0	0	2
		DIABETES-1 INSULIN DEPENDENT	0	0	0	4	1	1	1	0	0	0	7
		DIABETES-2 INSULIN REQUIRING	0	0	0	0	0	9	21	5	1	0	36
		DIABETES-2 NON INSULIN	0	0	0	0	2	13	18	11	2	0	46
		GLOMERULONEPHRITIS	0	2	2	5	10	6	12	7	1	0	45
		HYPERTENSION	0	0	0	0	0	2	4	5	3	0	14
		MISCELLANEOUS	0	5	2	1	3	3	6	5	0	0	25
		POLYCYSTIC	0	0	0	0	0	3	5	0	0	0	8
		REFLUX	0	0	3	4	0	1	2	2	0	0	12
		UNCERTAIN	0	0	0	0	2	0	2	3	3	0	10
			0	7	7	14	19	39	71	38	10	0	205
	MALE	DIABETES-1 INSULIN DEPENDENT	0	0	0	2	4	2	1	0	0	0	9
		DIABETES-2 INSULIN REQUIRING	0	0	0	0	4	19	20	10	2	0	55
DIABETES-2 NON INSULIN		0	0	0	0	2	13	24	13	2	0	54	
		0	2	5	7	9	9	12	13	5	1	63	
		0	0	0	0	0	3	10	7	6	0	26	
		0	3	2	1	3	4	4	7	2	1	27	
		0	0	0	0	0	8	2	0	1	0	11	
		0	0	1	0	2	2	0	0	0	0	5	
		0	0	0	0	0	2	1	4	1	0	8	
		0	5	8	10	24	62	74	54	19	2	258	
		0	12	15	24	43	101	145	92	29	2	463	
2003	FEMALE	DIABETES-1 INSULIN DEPENDENT	0	0	1	1	2	0	0	0	0	0	4
		DIABETES-2 INSULIN REQUIRING	0	0	0	1	2	14	16	14	1	0	48
		DIABETES-2 NON INSULIN	0	0	0	0	2	4	9	10	2	0	27
		GLOMERULONEPHRITIS	0	3	5	5	11	7	6	7	3	1	48
		HYPERTENSION	0	0	0	0	0	0	4	5	9	0	18
		MISCELLANEOUS	0	1	4	0	0	5	2	7	5	0	24
		POLYCYSTIC	0	0	0	1	2	2	1	1	0	0	7
		REFLUX	0	1	1	0	1	2	1	0	1	0	7
		UNCERTAIN	0	0	1	0	0	2	3	3	4	1	14
				0	5	12	8	20	36	42	47	25	2
	MALE	DIABETES-1 INSULIN DEPENDENT	0	0	1	1	1	3	0	0	0	0	6
		DIABETES-2 INSULIN REQUIRING	0	0	0	1	5	12	18	7	0	1	44
		DIABETES-2 NON INSULIN	0	0	0	0	3	11	23	12	2	0	51
		GLOMERULONEPHRITIS	0	0	7	5	7	17	13	13	6	0	68
		HYPERTENSION	0	0	0	0	2	1	1	16	6	0	26
		MISCELLANEOUS	1	1	1	2	2	4	4	4	4	0	23
		0	0	0	0	4	0	7	1	2	0	14	
		0	0	1	1	1	0	0	0	0	0	3	
		0	0	1	1	1	2	5	4	3	0	17	
		1	1	11	11	26	50	71	57	23	1	252	
		1	6	23	19	46	86	113	104	48	3	449	

AGE AND TREATMENT OF DIALYSIS PATIENTS

NEW ZEALAND

AT 31st DECEMBER

YEAR	TREATMENT	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
1998	HOSPITAL PD	0	1	0	0	0	0	0	0	0	0	1
	HOME PD	1	6	4	4	9	6	4	0	1	0	35
	HOSPITAL HD	0	3	9	19	29	44	74	55	12	0	245
	HOME HD	0	1	5	26	58	43	46	19	2	0	200
	SATELLITE HD	0	0	4	7	17	13	7	1	0	0	49
	HOSPITAL CAPD	0	0	0	0	0	3	1	2	0	0	6
	HOME CAPD	0	1	19	37	62	120	174	143	33	3	592
		1	12	41	93	175	229	306	220	48	3	1128

YEAR	TREATMENT	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
1999	HOME PD	1	7	6	6	8	9	10	4	1	0	52
	HOSPITAL HD	0	4	8	18	34	54	82	74	20	0	294
	HOME HD	0	0	7	20	44	48	37	19	4	0	179
	SATELLITE HD	0	0	7	14	22	24	18	2	2	0	89
	HOSPITAL CAPD	0	0	0	0	1	1	2	1	1	0	6
	HOME CAPD	0	0	12	33	61	126	176	159	42	4	613
			1	11	40	91	170	262	325	259	70	4

YEAR	TREATMENT	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
2000	HOSPITAL PD	0	0	0	0	0	0	0	1	0	0	1
	HOME PD	0	6	12	2	16	12	17	12	3	0	80
	HOSPITAL HD	1	1	20	20	28	66	94	76	31	0	337
	HOME HD	0	0	5	24	47	45	50	14	3	0	188
	SATELLITE HD	0	0	11	20	21	34	35	5	4	0	130
	HOSPITAL CAPD	0	0	0	0	0	0	2	1	0	0	3
	HOME CAPD	0	0	6	36	50	123	184	141	53	4	597
		1	7	54	102	162	280	382	250	94	4	1336

YEAR	TREATMENT	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
2001	HOME PD	3	5	13	7	13	22	29	15	5	0	112
	HOSPITAL HD	1	2	13	21	40	86	94	87	28	0	372
	HOME HD	0	0	5	23	54	47	52	15	4	0	200
	SATELLITE HD	0	0	12	15	30	51	46	24	4	0	182
	HOSPITAL CAPD	1	0	0	1	2	2	2	0	0	0	8
	HOME CAPD	0	1	12	34	51	107	169	155	60	7	596
			5	8	55	101	190	315	392	296	101	7

YEAR	TREATMENT	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
2002	HOME PD	2	10	13	7	20	22	35	20	5	1	135
	HOSPITAL HD	0	2	9	20	29	67	111	103	29	0	370
	HOME HD	0	0	8	27	55	57	57	20	4	0	228
	SATELLITE HD	0	0	12	17	30	64	62	37	7	0	229
	HOSPITAL CAPD	0	0	0	1	0	1	2	1	1	0	6
	HOME CAPD	0	0	12	42	54	107	184	157	65	8	629
			2	12	54	114	188	318	451	338	111	9

YEAR	TREATMENT	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
2003	HOME PD	2	5	18	7	21	25	40	24	10	0	152
	HOSPITAL HD	0	0	15	21	30	73	112	127	53	0	431
	HOME HD	0	0	6	25	49	68	59	26	1	0	234
	SATELLITE HD	0	0	11	18	35	69	86	39	7	0	265
	HOSPITAL CAPD	0	0	0	0	1	1	0	0	1	0	3
	HOME CAPD	0	0	11	39	48	107	168	162	72	7	614
			2	5	61	110	184	343	465	378	144	7

**AGE AND TREATMENT OF DIALYSIS PATIENTS BY GENDER
NEW ZEALAND AT 31st DECEMBER**

YEAR	GENDER	TREATMENT	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL	
2001	FEMALE	HOME PD	1	2	8	4	7	9	8	4	3	0	46	
		HOSPITAL HD	1	2	9	8	15	26	38	36	11	0	146	
		HOME HD	0	0	4	7	17	11	20	5	2	0	66	
		SATELLITE HD	0	0	9	8	18	24	18	6	1	0	84	
		HOSPITAL CAPD	0	0	0	0	2	1	2	0	0	0	5	
		HOME CAPD	0	0	3	25	31	60	83	75	26	2	305	
	*****	sum		2	4	33	52	90	131	169	126	43	2	652
	MALE	HOME PD	2	3	5	3	6	13	21	11	2	0	66	
		HOSPITAL HD	0	0	4	13	25	60	56	51	17	0	226	
		HOME HD	0	0	1	16	37	36	32	10	2	0	134	
		SATELLITE HD	0	0	3	7	12	27	28	18	3	0	98	
		HOSPITAL CAPD	1	0	0	1	0	1	0	0	0	0	3	
HOME CAPD		0	1	9	9	20	47	86	80	34	5	291		
*****	sum		3	4	22	49	100	184	223	170	58	5	818	
			5	8	55	101	190	315	392	296	101	7	1470	
2002	FEMALE	HOME PD	1	7	6	3	8	9	11	4	2	0	51	
		HOSPITAL HD	0	2	5	11	11	25	57	33	12	0	156	
		HOME HD	0	0	5	10	19	11	23	7	1	0	76	
		SATELLITE HD	0	0	10	8	15	29	22	13	3	0	100	
		HOSPITAL CAPD	0	0	0	0	0	1	2	1	0	0	4	
		HOME CAPD	0	0	3	31	34	57	95	79	24	2	325	
	*****	sum		1	9	29	63	87	132	210	137	42	2	712
	MALE	HOME PD	1	3	7	4	12	13	24	16	3	1	84	
		HOSPITAL HD	0	0	4	9	18	42	54	70	17	0	214	
		HOME HD	0	0	3	17	36	46	34	13	3	0	152	
		SATELLITE HD	0	0	2	9	15	35	40	24	4	0	129	
		HOSPITAL CAPD	0	0	0	1	0	0	0	0	1	0	2	
HOME CAPD		0	0	9	11	20	50	89	78	41	6	304		
*****	sum		1	3	25	51	101	186	241	201	69	7	885	
			2	12	54	114	188	318	451	338	111	9	1597	
2003	FEMALE	HOME PD	0	5	10	4	6	8	17	6	3	0	59	
		HOSPITAL HD	0	0	9	12	15	25	50	49	22	0	182	
		HOME HD	0	0	1	11	17	17	21	10	0	0	77	
		SATELLITE HD	0	0	5	11	17	34	27	13	1	0	108	
		HOSPITAL CAPD	0	0	0	0	1	1	0	0	1	0	3	
		HOME CAPD	0	0	5	22	26	50	85	84	30	2	304	
	*****	sum		0	5	30	60	82	135	200	162	57	2	733
	MALE	HOME PD	2	0	8	3	15	17	23	18	7	0	93	
		HOSPITAL HD	0	0	6	9	15	48	62	78	31	0	249	
		HOME HD	0	0	5	14	32	51	38	16	1	0	157	
		SATELLITE HD	0	0	6	7	18	35	59	26	6	0	157	
		HOSPITAL CAPD	0	0	6	17	22	57	83	78	42	5	310	
*****		sum		2	0	31	50	102	208	265	216	87	5	966
			2	5	61	110	184	343	465	378	144	7	1699	

**RACE, PRIMARY RENAL DISEASE AND AGE OF DIALYSIS PATIENTS
NEW ZEALAND AT 31st DECEMBER 2003**

ORIGIN	PRIMARY RENAL DISEASE	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
CAUCASOID	ANALGESIC	0	0	0	0	1	0	1	2	0	0	4
	DIABETES-1 INSULIN	0	0	1	3	7	13	5	1	0	0	30
	DIABETES-2 INSULIN REQUIRING	0	0	0	0	0	5	17	17	3	0	42
	DIABETES-2 NON INSULIN	0	0	0	0	1	3	10	10	6	0	30
	GLOMERULONEPHRITIS	0	0	8	15	43	46	42	50	28	3	235
	HYPERTENSION	0	0	0	0	2	6	13	41	38	2	102
	MISCELLANEOUS	1	1	8	5	12	16	23	25	12	0	103
	POLYCYSTIC	0	0	0	0	3	16	23	13	9	0	64
	REFLUX	0	1	5	13	11	10	3	2	1	0	46
	UNCERTAIN	0	0	1	2	3	4	10	12	12	1	45
		1	2	23	38	83	119	147	173	109	6	701
ABORIGINAL	GLOMERULONEPHRITIS	0	0	0	0	0	0	1	0	0	0	1
		0	0	0	0	0	0	1	0	0	0	1
MAORI	ANALGESIC	0	0	0	0	0	0	0	1	0	0	1
	DIABETES-1 INSULIN	0	0	1	5	6	1	0	0	0	0	13
	DIABETES-2 INSULIN REQUIRING	0	0	0	1	10	39	62	27	1	0	140
	DIABETES-2 NON INSULIN	0	0	0	0	7	48	79	39	5	0	178
	GLOMERULONEPHRITIS	0	1	11	20	26	18	27	16	4	0	123
	HYPERTENSION	0	0	0	0	2	5	15	18	1	0	41
	MISCELLANEOUS	1	0	8	3	4	6	9	6	1	0	38
	POLYCYSTIC	0	0	0	0	1	3	1	0	0	0	5
	REFLUX	0	0	5	6	3	2	1	3	0	0	20
	UNCERTAIN	0	0	0	2	4	1	8	4	4	0	23
		1	1	25	37	63	123	202	114	16	0	582
PACIFIC ISL	DIABETES-1 INSULIN	0	0	0	1	1	2	0	0	0	0	4
	DIABETES-2 INSULIN REQUIRING	0	0	0	2	4	19	31	17	1	0	74
	DIABETES-2 NON INSULIN	0	0	0	1	2	24	34	31	6	0	98
	GLOMERULONEPHRITIS	0	2	7	15	15	18	7	10	0	0	74
	HYPERTENSION	0	0	0	0	0	3	6	5	2	0	16
	MISCELLANEOUS	0	0	0	1	2	2	2	0	0	0	7
	POLYCYSTIC	0	0	0	0	0	0	4	0	0	0	4
	REFLUX	0	0	1	1	2	2	1	0	0	0	7
	UNCERTAIN	0	0	0	4	6	4	4	3	1	0	22
		0	2	8	25	32	74	89	66	10	0	306
ASIAN	ANALGESIC	0	0	0	0	0	1	0	0	0	0	1
	DIABETES-2 INSULIN REQUIRING	0	0	0	0	0	7	4	8	2	1	22
	DIABETES-2 NON INSULIN	0	0	0	0	1	4	9	6	2	0	22
	GLOMERULONEPHRITIS	0	0	2	6	3	7	10	4	0	0	32
	HYPERTENSION	0	0	0	1	0	0	3	3	3	0	10
	MISCELLANEOUS	0	0	0	1	0	3	0	0	1	0	5
	POLYCYSTIC	0	0	0	0	0	3	0	1	1	0	5
	UNCERTAIN	0	0	2	0	0	2	0	3	0	0	7
		0	0	4	8	4	27	26	25	9	1	104
OTHER	GLOMERULONEPHRITIS	0	0	1	2	1	0	0	0	0	0	4
	UNCERTAIN	0	0	0	0	1	0	0	0	0	0	1
		0	0	1	2	2	0	0	0	0	0	5
		2	5	61	110	184	343	465	378	144	7	1699

FUNCTIONING TRANSPLANT PATIENTS - BY COUNTRY OF TRANSPLANT

NEW ZEALAND AT 31st DECEMBER

YEAR	DONOR SOURCE	GRAFT	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-94	TOTAL	
2000	CADAVER	1	1	7	12	60	140	172	142	87	12	0	633	
		2	0	1	1	15	29	26	9	4	0	0	85	
		3	0	0	0	3	8	9	1	0	0	0	21	
		4	0	0	0	0	0	0	1	0	0	0	1	
				1	8	13	78	177	208	152	91	12	0	740
	LIVING DONOR	1	2	12	31	69	63	46	25	9	1	0	258	
		2	0	0	0	6	8	6	0	0	0	0	0	20
		3	0	0	0	2	1	0	0	0	0	0	0	3
			2	12	31	77	72	52	25	9	1	0	281	
				3	20	44	155	249	260	177	100	13	0	1021
	2001	CADAVER	1	1	6	14	54	142	185	149	88	14	0	653
			2	0	1	0	12	28	27	10	3	1	0	82
3			0	0	0	3	4	10	2	0	0	0	19	
4			0	0	0	0	0	0	1	0	0	0	1	
				1	7	14	69	174	223	161	91	15	0	755
LIVING DONOR		1	2	10	31	67	75	55	33	8	0	0	281	
		2	0	0	2	5	10	4	0	0	0	0	21	
		3	0	0	0	2	1	0	0	0	0	0	3	
			2	10	33	74	86	59	33	8	0	0	305	
				3	17	47	143	260	282	194	99	15	0	1060
2002		CADAVER	1	1	6	15	53	134	188	160	106	12	1	676
			2	0	1	1	10	27	30	8	3	0	0	80
	3		0	0	0	2	5	8	2	0	0	0	17	
	4		0	0	0	0	0	0	1	0	0	0	1	
				1	7	16	65	166	227	170	109	12	1	774
	LIVING DONOR	1	2	13	33	63	76	70	43	11	0	0	311	
		2	0	0	1	7	10	6	1	0	0	0	25	
		3	0	0	0	2	1	0	0	0	0	0	3	
			2	13	34	72	87	76	44	11	0	0	339	
				3	20	50	137	253	303	214	120	12	1	1113
	2003	CADAVER	1	1	7	13	48	145	189	170	105	15	1	694
			2	0	1	3	13	26	31	10	1	2	0	87
3			0	0	0	1	5	9	4	0	0	0	19	
			1	8	16	62	176	229	184	106	17	1	800	
LIVING DONOR		1	0	20	29	64	91	73	42	14	2	0	335	
		2	0	0	1	9	9	8	1	0	0	0	28	
		3	0	0	0	2	0	1	0	0	0	0	3	
			0	20	30	75	100	82	43	14	2	0	366	
				1	28	46	137	276	311	227	120	19	1	1166

**GENDER, RACE AND AGE OF FUNCTIONING TRANSPLANT PATIENTS
PATIENTS TRANSPLANTED IN NEW ZEALAND OR AUSTRALIA**

RESIDENT COUNTRY - NEW ZEALAND AT 31-DEC-2002

GENDER	RACIAL ORIGIN	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
FEMALE	ASIAN	0	0	3	1	12	5	4	2	0	0	27
	CAUCASOID	0	9	17	47	71	96	66	40	8	0	354
	MAORI	0	0	1	7	11	8	8	5	0	0	40
	OTHER	0	0	0	0	1	1	1	0	0	0	3
	PACIFIC ISLANDER	0	0	2	2	8	6	6	1	0	0	25
			0	9	23	57	103	116	85	48	8	0
MALE	ASIAN	0	0	3	0	7	8	10	3	0	0	31
	CAUCASOID	2	10	18	65	125	142	89	62	4	1	518
	MAORI	0	1	2	5	12	20	17	5	0	0	62
	OTHER	0	0	1	0	0	4	2	0	0	0	7
	PACIFIC ISLANDER	1	0	3	6	5	5	9	1	0	0	30
			3	11	27	76	149	179	127	71	4	1
		3	20	50	133	252	295	212	119	12	1	1097

RESIDENT COUNTRY - NEW ZEALAND AT 31-DEC-2003

GENDER	RACIAL ORIGIN	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
FEMALE	ASIAN	0	1	1	2	13	6	4	2	0	0	29
	CAUCASOID	0	13	15	48	81	100	73	41	11	0	382
	MAORI	0	0	2	6	12	8	9	6	0	0	43
	OTHER	0	0	0	0	2	2	1	0	0	0	5
	PACIFIC ISLANDER	0	0	7	2	9	5	4	1	0	0	28
			0	14	25	58	117	121	91	50	11	0
MALE	ASIAN	0	0	4	2	7	10	8	4	0	0	35
	CAUCASOID	0	12	12	66	129	136	97	60	6	1	519
	MAORI	0	1	2	3	13	22	18	4	1	0	64
	OTHER	0	0	1	0	0	4	2	0	0	0	7
	PACIFIC ISLANDER	1	1	2	5	5	9	10	1	0	0	34
			1	14	21	76	154	181	135	69	7	1
		1	28	46	134	271	302	226	119	18	1	1146

**FUNCTIONING NEW ZEALAND TRANSPLANTED PATIENTS
RACE, PRIMARY RENAL DISEASE AND AGE**

AT 31-DEC-2003

RACIAL ORIGIN	PRIMARY RENAL DISEASE	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-94	TOTAL
CAUCASOID	ANALGESIC	0	0	0	0	0	1	3	3	2	0	9
	DIABETES-1 INS DEPENDENT	0	0	0	5	17	19	6	1	0	0	48
	DIABETES-2 NON INSULIN	0	0	0	0	0	0	1	2	0	0	3
	GLOMERULONEPHRITIS	0	4	10	63	118	117	59	47	6	0	424
	HYPERTENSION	0	0	0	2	1	5	5	16	0	0	29
	MISCELLANEOUS	0	21	10	20	21	15	20	8	3	1	119
	POLYCYSTIC	0	0	1	3	7	34	58	16	2	0	121
	REFLUX	0	0	4	17	41	41	14	6	5	0	128
	UNCERTAIN	0	0	2	5	7	10	4	3	0	0	31
		0	25	27	115	212	242	170	102	18	1	912
MAORI	DIABETES-1 INS DEPENDENT	0	0	0	0	2	2	0	0	0	0	4
	DIABETES-2 NON INSULIN	0	0	0	0	0	5	8	4	0	0	17
	GLOMERULONEPHRITIS	0	0	3	6	15	6	6	3	0	0	39
	HYPERTENSION	0	0	0	0	0	3	2	0	0	0	5
	MISCELLANEOUS	0	0	0	3	4	5	8	1	0	0	21
	POLYCYSTIC	0	0	0	0	2	2	0	0	0	0	4
	REFLUX	0	1	1	1	3	4	1	2	0	0	13
	UNCERTAIN	0	0	0	1	1	4	2	0	1	0	9
		0	1	4	11	27	31	27	10	1	0	112
PACIFIC ISL	DIABETES-1 INS DEPENDENT	0	0	0	0	2	0	1	0	0	0	3
	DIABETES-2 NON INSULIN	0	0	0	0	0	2	1	0	0	0	3
	GLOMERULONEPHRITIS	0	0	6	7	6	11	5	1	0	0	36
	HYPERTENSION	0	0	0	0	0	0	2	0	0	0	2
	MISCELLANEOUS	1	1	2	0	0	0	1	0	0	0	5
	POLYCYSTIC	0	0	1	0	1	0	2	1	0	0	5
	REFLUX	0	0	0	0	2	1	0	0	0	0	3
	UNCERTAIN	0	0	0	0	3	1	2	0	0	0	6
		1	1	9	7	14	15	14	2	0	0	63
ASIAN	DIABETES-1 INS DEPENDENT	0	0	0	0	1	0	1	0	0	0	2
	DIABETES-2 NON INSULIN	0	0	0	0	0	0	1	1	0	0	2
	GLOMERULONEPHRITIS	0	1	2	2	11	11	9	1	0	0	37
	HYPERTENSION	0	0	0	0	2	0	2	3	0	0	7
	MISCELLANEOUS	0	0	2	1	5	3	2	0	0	0	13
	POLYCYSTIC	0	0	1	0	0	0	0	0	0	0	1
	REFLUX	0	0	1	0	1	3	0	0	0	0	5
UNCERTAIN	0	0	0	1	3	3	1	1	0	0	9	
		0	1	6	4	23	20	16	6	0	0	76
OTHER	GLOMERULONEPHRITIS	0	0	0	0	0	2	0	0	0	0	2
	REFLUX	0	0	0	0	0	1	0	0	0	0	1
		0	0	0	0	0	3	0	0	0	0	3
		1	28	46	137	276	311	227	120	19	1	1166

DONOR SOURCE AND RECIPIENT AGE FOR TRANSPLANT OPERATIONS

NEW ZEALAND 1999 - 2003

YEAR	DONOR SOURCE	GRAFT	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	TOTAL	
1999	CADAVER	1	1	0	3	5	15	10	22	3	0	59	
		2	0	0	0	3	2	2	1	0	0	8	
		3	0	0	0	1	1	1	0	0	0	3	
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			1	0	3	9	18	13	23	3	0	70	
	LIVING DONOR	1	0	2	6	9	11	6	4	0	0	0	38
		2	0	0	0	1	2	0	0	0	0	0	3
		3	0	0	1	0	0	0	0	0	0	0	1
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			0	2	7	10	13	6	4	0	0	0	42
		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
		1	2	10	19	31	19	27	3	0	0	112	
2000	CADAVER	1	0	3	2	12	19	8	15	4	0	63	
		2	0	1	0	1	6	2	0	0	0	10	
		3	0	0	0	0	2	0	0	0	0	2	
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			0	4	2	13	27	10	15	4	0	75	
	LIVING DONOR	1	2	0	2	7	9	3	4	1	0	0	28
		2	0	0	0	1	1	1	0	0	0	0	3
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			2	0	2	8	10	4	4	1	0	0	31
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		2	4	4	21	37	14	19	5	0	0	106	
2001	CADAVER	1	1	0	5	7	13	18	13	5	0	62	
		2	0	0	0	1	2	2	0	0	0	5	
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			1	0	5	8	15	20	13	5	0	67	
	LIVING DONOR	1	0	2	6	10	8	9	4	0	0	0	39
		2	0	0	2	0	2	0	0	0	0	0	4
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			0	2	8	10	10	9	4	0	0	0	43
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			1	2	13	18	25	29	17	5	0	0	110
2002	CADAVER	1	0	2	2	6	12	19	13	5	0	59	
		2	0	0	1	1	2	3	1	0	0	8	
		3	0	0	0	0	1	0	0	1	0	0	2
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			0	2	3	7	15	22	15	5	0	0	69
	LIVING DONOR	1	1	4	5	3	7	14	8	2	0	0	44
		2	0	0	1	2	0	1	0	0	0	0	4
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			1	4	6	5	7	15	8	2	0	0	48
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		1	6	9	12	22	37	23	7	0	0	117	
2003	CADAVER	1	0	1	4	3	15	16	14	1	0	54	
		2	0	0	2	4	1	2	0	0	0	9	
		3	0	0	0	1	0	0	2	1	0	0	4
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			0	1	6	8	16	20	15	1	0	0	67
	LIVING DONOR	1	0	6	6	7	9	5	5	2	0	0	40
		2	0	0	0	2	1	1	0	0	0	0	4
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			0	6	6	9	10	6	5	2	0	0	44
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		0	7	12	17	26	26	20	3	0	0	111	

RACE, PRIMARY RENAL DISEASE AND AGE OF NEW TRANSPLANTED PATIENTS

NEW ZEALAND 01-JAN-1990 to 31-DEC-2003

RACIAL ORIGIN	PRIMARY RENAL DISEASE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL
CAUCASOID	ANALGESIC	1	0	2	0	1	0	1	0	1	0	0	1	0	0	7
	DIABETES-1 INSULIN	1	2	8	3	3	4	4	1	4	7	6	4	3	7	57
	DIABETES-2 INSULIN	0	0	0	0	0	0	2	1	0	2	0	1	0	0	6
	DIABETES-2 NON INSULIN	2	0	0	0	0	0	2	1	0	0	1	0	0	0	6
	GLOMERULONEPHRITIS	36	22	35	35	30	28	33	47	34	32	45	36	36	25	474
	HYPERTENSION	3	3	7	3	3	2	2	3	6	5	1	3	6	2	49
	MISCELLANEOUS	7	5	8	8	5	10	10	8	8	16	10	9	13	15	132
	POLYCYSTIC	13	8	14	11	13	11	9	13	8	7	9	10	16	15	157
	REFLUX	15	7	12	11	7	10	5	14	12	7	7	10	7	8	132
	UNCERTAIN	1	4	3	1	0	0	1	3	4	2	2	5	2	0	28
		79	51	89	72	62	65	69	91	77	78	81	79	83	72	1048
MAORI	DIABETES-1 INSULIN	0	2	0	1	0	2	1	0	3	0	1	0	0	0	10
	DIABETES-2 INSULIN	0	1	1	2	2	0	1	3	3	3	3	3	0	0	22
	DIABETES-2 NON INSULIN	3	2	3	0	1	4	1	0	2	2	3	3	3	3	30
	GLOMERULONEPHRITIS	5	6	2	2	5	4	5	3	7	5	3	7	4	8	66
	HYPERTENSION	1	2	1	0	0	0	0	1	1	1	0	0	1	2	10
	MISCELLANEOUS	0	1	2	1	1	2	1	1	1	2	0	0	0	1	13
	POLYCYSTIC	1	0	0	0	1	0	0	2	0	0	1	0	0	1	6
	REFLUX	1	0	3	0	2	1	3	1	0	3	1	1	1	1	18
	UNCERTAIN	0	2	0	0	0	1	0	0	0	1	1	1	4	0	10
			11	16	12	6	12	14	12	11	17	17	13	15	13	16
PACIFIC ISL	DIABETES-1 INSULIN	0	0	0	0	1	0	1	1	0	0	0	0	1	0	4
	DIABETES-2 INSULIN	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	DIABETES-2 NON INSULIN	0	0	0	0	0	0	0	0	0	1	0	0	2	0	3
	GLOMERULONEPHRITIS	3	3	1	2	2	7	4	2	5	3	3	3	10	9	57
	HYPERTENSION	0	0	1	1	0	0	0	0	1	1	0	0	0	0	4
	MISCELLANEOUS	1	2	1	0	1	0	0	0	0	0	0	1	0	3	9
	POLYCYSTIC	1	1	0	0	0	0	0	1	0	2	0	0	0	1	6
	REFLUX	1	1	0	0	0	0	1	0	0	0	0	0	0	0	3
	UNCERTAIN	2	0	1	0	1	1	1	0	1	1	1	1	2	1	13
			8	7	4	3	5	8	7	4	7	8	4	6	15	14
ASIAN	DIABETES-1 INSULIN	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
	DIABETES-2 INSULIN	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3
	DIABETES-2 NON INSULIN	0	0	1	0	0	0	0	0	0	0	1	0	2	0	4
	GLOMERULONEPHRITIS	3	1	7	2	2	4	4	4	1	4	3	3	0	4	42
	HYPERTENSION	0	1	0	1	0	0	1	1	1	2	0	1	1	0	9
	MISCELLANEOUS	0	0	1	0	1	0	0	0	1	0	1	4	0	3	11
	POLYCYSTIC	0	0	1	0	0	0	1	0	0	1	0	0	0	0	3
	REFLUX	1	0	0	0	1	2	0	0	0	1	0	0	1	0	6
	UNCERTAIN	0	1	0	0	0	1	1	1	0	1	1	2	0	1	9
			4	3	10	3	4	7	7	6	4	9	8	10	5	9
OTHER	GLOMERULONEPHRITIS	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
	REFLUX	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
		0	0	0	0	0	0	1	0	1	0	0	0	1	0	3
		102	77	115	84	83	94	96	112	106	112	106	110	117	111	1425

CAUSE OF GRAFT LOSS 1994 - 2003

TRANSPLANTED IN NEW ZEALAND

LOSS	CAUSE OF FAILURE	TOTAL
DEATH		243
FAILED	ACUTE TUBULAR NECROSIS (ATN)	3
	CORTICAL NECROSIS	3
	DRUG COMPLICATIONS	4
	EMBOLUS-THROMBO	1
	GN-FOCAL SCLEROSING	14
	GN-IgA POSITIVE	1
	GN-MEMBRANOUS	6
	GN-RAPIDLY PROGRESSIVE	1
	GN-SUBENDOTHELIAL	2
	HAEMOLYTIC URAEMIC SYNDROME	3
	INFECTION	7
	MALIGNANCY INVADING GRAFT	1
	NON COMPLIANCE	18
	OTHER	18
	OTHER PRD RECURRENCE	2
	PRE TX CORTICAL NECROSIS	5
	PRIMARY HAEMORRHAGE	2
	REJECTION I/S REDUCED-INFECTION	2
	REJECTION-ACUTE	22
	REJECTION-CHRONIC ALLOGRAFT NEPHROPATHY	187
	REJECTION-HYPERACUTE	3
	RENAL ARTERY THROMBOSIS	9
	RENAL VEIN THROMBOSIS	14
	SECONDARY HAEMORRHAGE	3
	URETERIC-BLADDER	3
		577

YEAR OF GRAFT LOSS DUE TO DEATH OR FAILURE

TRANSPLANTED IN NEW ZEALAND 1994 - 2003

LOSS	CAUSE OF FAILURE	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL
DEATH		18	14	26	27	25	22	28	25	32	26	243
FAILED	REJECTION-ACUTE	5	5	3	1	1	4	0	1	1	1	22
	REJECTION-CHRONIC ALLOGRAFT	18	11	12	15	19	24	20	31	22	15	187
	REJECTION-HYPERACUTE	2	0	1	0	0	0	0	0	0	0	3
	VASCULAR	4	2	4	5	0	6	8	1	1	1	32
	TECHNICAL PROBLEMS	1	1	0	2	0	2	0	2	1	2	11
	RECURRENCE PRIMARY DISEASE	3	4	2	0	3	4	3	2	1	4	26
	NON COMPLIANCE	1	0	1	0	3	0	5	2	3	3	18
	OTHER	5	5	6	2	3	1	2	4	3	4	35
		57	42	55	52	54	63	66	68	64	56	577

YEAR OF GRAFT LOSS DUE TO DEATH OR FAILURE
AGE RELATED - NEW ZEALAND 1994 - 2003

AGE	LOSS	CAUSE OF FAILURE	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL	
00-14	FAILED	REJECTION-CHRONIC ALLOGRAFT	0	1	1	1	0	1	1	1	0	0	6	
		VASCULAR	1	0	0	0	0	0	0	0	0	0	1	
		RECURRENCE PRIMARY DISEASE	1	1	1	0	0	0	0	0	0	0	0	3
		NON COMPLIANCE	0	0	0	0	0	0	0	0	1	0	0	1
		OTHER	0	0	0	0	0	0	0	0	1	0	0	1
			2	2	2	1	0	1	1	3	0	0	12	
15-34	DEATH		0	0	1	1	0	1	0	0	0	1	4	
	FAILED	REJECTION-ACUTE	1	2	1	0	0	1	0	0	0	0	0	5
		REJECTION-CHRONIC ALLOGRAFT	3	4	7	6	10	6	3	11	8	4	62	
		VASCULAR	0	0	0	2	0	1	2	1	0	0	0	6
		TECHNICAL PROBLEMS	0	0	0	0	0	1	0	0	0	0	0	1
		RECURRENCE PRIMARY DISEASE	1	0	0	0	1	2	1	0	0	2	7	
		NON COMPLIANCE	1	0	1	0	1	0	3	1	2	3	12	
OTHER	1	0	5	1	1	1	1	1	0	0	11			
			7	6	15	10	13	13	10	14	10	10	108	
35-54	DEATH		8	7	9	12	2	8	12	6	16	6	86	
	FAILED	REJECTION-ACUTE	2	2	1	0	1	2	0	1	1	0	10	
		REJECTION-CHRONIC ALLOGRAFT	12	5	4	8	8	13	11	13	10	10	94	
		REJECTION-HYPERACUTE	2	0	1	0	0	0	0	0	0	0	3	
		VASCULAR	2	0	4	2	0	2	5	0	0	1	16	
		TECHNICAL PROBLEMS	1	1	0	1	0	0	0	2	1	1	7	
		RECURRENCE PRIMARY DISEASE	1	3	0	0	2	1	1	1	1	0	10	
		NON COMPLIANCE	0	0	0	0	2	0	2	0	1	0	5	
		ATN	0	2	0	0	0	0	0	0	1	0	3	
OTHER	4	3	0	1	2	0	0	1	0	3	14			
			32	23	19	24	17	26	31	24	31	21	248	
55-64	DEATH		3	5	7	9	12	9	11	8	7	11	82	
	FAILED	REJECTION-ACUTE	1	0	0	1	0	1	0	0	0	1	4	
		REJECTION-CHRONIC ALLOGRAFT	1	1	0	0	1	3	3	2	3	1	15	
		VASCULAR	1	1	0	1	0	3	0	0	1	0	7	
		TECHNICAL PROBLEMS	0	0	0	1	0	1	0	0	0	1	3	
		RECURRENCE PRIMARY DISEASE	0	0	0	0	0	1	1	1	0	2	5	
OTHER	0	0	1	0	0	0	0	1	0	1	3			
			6	7	8	12	13	18	15	12	11	17	119	
65-74	DEATH		7	1	8	5	11	2	3	9	5	5	56	
	FAILED	REJECTION-ACUTE	1	1	1	0	0	0	0	0	0	0	3	
		REJECTION-CHRONIC ALLOGRAFT	2	0	0	0	0	1	2	4	1	0	10	
		VASCULAR	0	1	0	0	0	0	1	0	0	0	2	
		RECURRENCE PRIMARY DISEASE	0	0	1	0	0	0	0	0	0	0	1	
OTHER	0	0	0	0	0	0	1	0	2	0	3			
			10	3	10	5	11	3	7	13	8	5	75	
75-94	DEATH		0	1	1	0	0	2	2	2	4	3	15	
			0	1	1	0	0	2	2	2	4	3	15	
			57	42	55	52	54	63	66	68	64	56	577	

DEATH AND MODE OF TREATMENT

NEW ZEALAND 1998 - 2003

YEAR	TREATMENT	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
1998	HOME PD	0	1	0	1	1	1	1	1	0	0	6
	HOSPITAL HD	0	0	0	1	0	19	18	16	4	0	58
	HOME HD	0	0	0	0	2	7	2	2	0	0	13
	SATELLITE HD	0	0	0	0	0	1	1	0	0	0	2
	HOSPITAL CAPD	0	0	0	2	0	1	3	0	0	0	6
	HOME CAPD	0	0	1	2	1	20	34	27	8	0	93
	TRANSPLANT	0	0	0	0	1	1	12	11	0	0	25
			0	1	1	6	5	50	71	57	12	0
1999	HOSPITAL PD	0	0	0	0	0	0	1	0	0	0	1
	HOME PD	0	0	0	1	0	2	1	0	0	1	5
	HOSPITAL HD	0	0	0	3	6	10	19	22	8	0	68
	HOME HD	0	0	0	2	0	8	5	7	1	0	23
	SATELLITE HD	0	0	0	0	2	0	0	0	0	0	2
	HOSPITAL CAPD	0	0	0	0	0	2	1	2	1	0	6
	HOME CAPD	0	0	1	1	4	13	28	28	10	1	86
	TRANSPLANT	0	0	0	1	3	5	11	1	2	0	23
		0	0	1	8	15	40	66	60	22	2	214
2000	HOSPITAL PD	0	0	0	0	0	0	0	1	0	0	1
	HOME PD	0	0	0	0	1	3	3	0	2	0	9
	HOSPITAL HD	0	0	0	0	4	25	18	31	7	0	85
	HOME HD	0	0	0	1	0	4	2	5	2	0	14
	SATELLITE HD	0	0	0	0	3	1	3	0	0	0	7
	HOSPITAL CAPD	0	0	0	0	1	1	1	1	1	0	5
	HOME CAPD	0	0	0	1	8	9	33	51	20	2	124
	TRANSPLANT	0	0	0	0	7	4	10	3	2	0	26
		0	0	0	2	24	47	70	92	34	2	271
2001	HOSPITAL PD	0	0	0	0	0	0	1	0	0	0	1
	HOME PD	0	0	1	0	0	2	5	6	0	1	15
	HOSPITAL HD	0	1	0	4	1	16	23	27	25	1	98
	HOME HD	0	0	0	1	3	1	10	4	4	0	23
	SATELLITE HD	0	0	1	0	0	1	3	1	0	0	6
	HOSPITAL CAPD	0	0	0	0	1	0	1	2	0	0	4
	HOME CAPD	0	0	0	3	3	15	40	35	16	3	115
	TRANSPLANT	0	0	0	0	2	3	9	9	2	0	25
		0	1	2	8	10	38	92	84	47	5	287
2002	HOSPITAL PD	1	0	0	0	0	0	0	0	0	0	1
	HOME PD	0	0	0	1	4	3	8	7	2	0	25
	HOSPITAL HD	0	0	0	0	5	14	25	26	12	1	83
	HOME HD	0	0	0	0	3	6	6	2	1	0	18
	SATELLITE HD	0	0	0	0	2	3	1	1	1	0	8
	HOSPITAL CAPD	0	0	0	0	1	1	1	1	1	0	5
	HOME CAPD	0	0	1	2	3	17	18	32	15	4	92
	TRANSPLANT	0	0	0	0	4	12	6	5	4	0	31
		1	0	1	3	22	56	65	74	36	5	263
2003	HOME PD	0	0	0	0	2	5	9	7	4	1	28
	HOSPITAL HD	0	0	0	3	7	11	27	39	16	0	103
	HOME HD	0	0	2	2	3	2	5	1	1	0	16
	SATELLITE HD	0	0	0	0	1	4	3	4	1	0	13
	HOSPITAL CAPD	0	0	0	0	1	1	2	1	0	0	5
	HOME CAPD	0	0	1	2	1	11	23	40	14	6	98
	TRANSPLANT	0	0	0	1	2	4	11	5	3	0	26
			0	0	3	8	17	38	80	97	39	7

CAUSE OF DEATHS - NEW ZEALAND 2003

BY MODALITY AT DEATH

HAEMODIALYSIS

CAUSE OF DEATH	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
MYOCARDIAL ISCHAEMIA-PRESUMED	0	0	0	0	3	0	7	8	0	0	18
MYOCARDIAL INFARCTION	0	0	0	0	0	3	3	6	1	0	13
HYPERKALAEMIA	0	0	1	0	0	0	0	0	0	0	1
CARDIAC ARREST	0	0	0	3	3	1	2	4	1	0	14
OTHER CAUSES CARDIAC FAILURE	0	0	0	0	1	1	0	1	0	0	3
CEREBROVASCULAR ACCIDENT	0	0	1	0	0	1	3	1	0	0	6
OTHER HAEMORRHAGE	0	0	0	0	0	1	0	0	0	0	1
BOWEL INFARCTION	0	0	0	0	1	1	0	1	0	0	3
WITHDRAWAL-PYSCHOSOCIAL *	0	0	0	0	0	0	3	1	1	0	5
PATIENT REFUSED TREATMENT	0	0	0	0	1	0	5	9	5	0	20
THERAPY CEASED	0	0	0	0	0	1	3	3	3	0	10
WITHDRAWAL-CARDIOVASCULAR *	0	0	0	0	0	1	1	0	1	0	3
WITHDRAWAL-CEREBROVASCULAR *	0	0	0	0	0	1	0	1	1	0	3
WITHDRAWAL-PERIPHERAL VASCULAR *	0	0	0	0	0	0	2	0	0	0	2
WITHDRAWAL-MALIGNANCY *	0	0	0	0	0	0	0	1	1	0	2
CACHEXIA	0	0	0	0	0	1	0	0	0	0	1
UNKNOWN	0	0	0	0	1	0	1	0	1	0	3
MALIGNANCY	0	0	0	0	0	1	1	3	1	0	6
PERFORATION ABDOMINAL VISCUS	0	0	0	0	0	0	1	0	0	0	1
CHRONIC RESPIRATORY FAILURE	0	0	0	0	0	0	1	0	0	0	1
LUNG-BACTERIAL	0	0	0	0	0	0	1	0	0	0	1
LUNG-OTHER	0	0	0	0	0	1	0	1	0	0	2
SHUNT-BACTERIAL	0	0	0	0	0	1	0	0	0	0	1
PERITONEUM-OTHER	0	0	0	0	0	0	0	1	0	0	1
SEPTICAEMIA-BACTERIAL	0	0	0	0	0	1	1	1	0	0	3
SEPTICAEMIA-OTHER	0	0	0	0	0	1	0	0	2	0	3
OTHER SITE-BACTERIAL	0	0	0	1	1	0	0	1	0	0	3
OTHER SITE-OTHER	0	0	0	1	0	0	0	1	0	0	2
	0	0	2	5	11	17	35	44	18	0	132

PERITONEAL DIALYSIS

CAUSE OF DEATH	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
MYOCARDIAL ISCHAEMIA-PRESUMED	0	0	0	1	0	1	11	14	3	3	33
MYOCARDIAL INFARCTION	0	0	0	0	0	2	0	3	1	1	7
CARDIAC ARREST	0	0	0	1	0	4	1	5	0	0	11
OTHER CAUSES CARDIAC FAILURE	0	0	0	0	0	0	2	2	1	0	5
CEREBROVASCULAR ACCIDENT	0	0	0	0	1	4	5	3	3	0	16
RUPTURED AORTIC ANEURYSM	0	0	0	0	0	0	1	0	1	0	2
BOWEL INFARCTION	0	0	0	0	1	1	1	0	0	0	3
PATIENT REFUSED TREATMENT	0	0	1	0	0	1	1	8	5	1	17
THERAPY CEASED	0	0	0	0	0	0	0	3	0	1	4
WITHDRAWAL-CARDIOVASCULAR *	0	0	0	0	0	0	0	0	0	1	1
WITHDRAWAL-CEREBROVASCULAR *	0	0	0	0	0	0	0	0	1	0	1
CACHEXIA	0	0	0	0	0	0	1	1	0	0	2
UNKNOWN	0	0	0	0	0	0	4	0	1	0	5
MALIGNANCY	0	0	0	0	1	1	4	1	0	0	7
PERFORATION ABDOMINAL VISCUS	0	0	0	0	0	1	0	1	1	0	3
LUNG-BACTERIAL	0	0	0	0	0	0	1	0	1	0	2
LUNG-OTHER	0	0	0	0	0	0	1	0	0	0	1
WOUND-BACTERIAL	0	0	0	0	1	0	0	2	0	0	3
PERITONEUM-BACTERIAL	0	0	0	0	0	2	1	2	0	0	5
PERITONEUM-FUNGAL	0	0	0	0	0	0	0	1	0	0	1
SEPTICAEMIA-OTHER	0	0	0	0	0	0	0	2	0	0	2
	0	0	1	2	4	17	34	48	18	7	131

• **New Categories for Withdrawal from Treatment – Data from 1-Oct-2003 to 31-Dec-2003**

CAUSE OF DEATHS - NEW ZEALAND 2003

TRANSPLANT

CAUSE OF DEATH	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
MYOCARDIAL ISCHAEMIA-PRESUMED	0	0	0	0	0	0	1	0	0	0	1
PULMONARY EMBOLUS	0	0	0	0	0	1	1	0	0	0	2
CEREBROVASCULAR ACCIDENT	0	0	0	0	0	0	1	1	1	0	3
RUPTURED AORTIC ANEURYSM	0	0	0	0	0	0	1	0	0	0	1
PATIENT REFUSED TREATMENT	0	0	0	0	0	0	1	0	0	0	1
SUICIDE	0	0	0	1	0	0	1	0	0	0	2
PANCREATITIS	0	0	0	0	0	0	0	1	0	0	1
UNKNOWN	0	0	0	0	0	0	1	0	0	0	1
MALIGNANCY	0	0	0	0	2	2	3	2	1	0	10
OTHER CAUSES	0	0	0	0	0	1	0	0	0	0	1
LUNG-VIRAL	0	0	0	0	0	0	1	0	0	0	1
LUNG-OTHER	0	0	0	0	0	0	0	1	0	0	1
SEPTICAEMIA-BACTERIAL	0	0	0	0	0	0	0	0	1	0	1
	0	0	0	1	2	4	11	5	3	0	26

TOTAL DEATHS IN NEW ZEALAND	0	0	3	8	17	38	80	97	39	7	289

SITE AND TYPE OF INFECTION CAUSING DEATH - NEW ZEALAND 2003

HAEMODIALYSIS AND PERITONEAL DIALYSIS

SITE	TYPE OF INFECTION	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
321	BACTERIA PRESUMED	0	0	0	0	0	0	0	0	1	0	1
	HAEMOPHILUS INFLUENZAE	0	0	0	0	0	0	1	0	0	0	1
	SERRATIA	0	0	0	0	0	0	1	0	0	0	1
325	ORGANISM NOT ISOLATED	0	0	0	0	0	1	1	1	0	0	3
341	BACTERIA PRESUMED	0	0	0	0	0	0	0	1	0	0	1
	STAPH	0	0	0	0	1	0	0	0	0	0	1
	STAPH AUREUS-ENTEROCOCCUS	0	0	0	0	0	0	0	1	0	0	1
351	STAPH	0	0	0	0	0	1	0	0	0	0	1
361	MULTI ORGANISM	0	0	0	0	0	1	0	0	0	0	1
	PSEUDOMONAS	0	0	0	0	0	1	0	0	0	0	1
	PSEUDOMONAS AERUGINOSA	0	0	0	0	0	0	0	1	0	0	1
	SERRATIA	0	0	0	0	0	0	1	0	0	0	1
	STAPH	0	0	0	0	0	0	0	1	0	0	1
363	CANDIDA TROPICALIS	0	0	0	0	0	0	0	1	0	0	1
365	ORGANISM NOT ISOLATED	0	0	0	0	0	0	0	1	0	0	1
371	FOOT ULCER-STREP	0	0	0	0	0	1	0	0	0	0	1
	MRSA	0	0	0	0	0	0	0	1	0	0	1
	STAPH	0	0	0	0	0	0	1	0	0	0	1
375	ORGANISM NOT ISOLATED	0	0	0	0	0	1	0	2	2	0	5
391	(R) THORAX-ENTEROBACTER EMPYEMA	0	0	0	0	1	0	0	0	0	0	1
	FISTULA-STAPH AUREUS	0	0	0	1	0	0	0	0	0	0	1
	INTRAPERITONEAL-BACTERIA PRESUMED	0	0	0	0	0	0	0	1	0	0	1
395	FOOT-ORGANISM NOT ISOLATED	0	0	0	0	0	0	0	1	0	0	1
	ORGANISM NOT ISOLATED	0	0	0	1	0	0	0	0	0	0	1
		0	0	0	2	2	6	5	12	3	0	30

TRANSPLANT

SITE	TYPE OF INFECTION	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
322	GUILLIAN-BARRE SYNDROME	0	0	0	0	0	0	1	0	0	0	1
325	ORGANISM NOT ISOLATED	0	0	0	0	0	0	0	1	0	0	1
371	STAPH AUREUS-CANDIDA	0	0	0	0	0	0	0	0	1	0	1
		0	0	0	0	0	0	1	1	1	0	3

TOTAL DEATHS FROM INFECTION		0	0	0	2	2	6	6	13	4	0	33

DIALYSIS AND TRANSPLANT SITES AND TYPES OF INFECTION

321	LUNG	-	BACTERIAL	365	PERITONITIS	-	ORGANISM NOT ISOLATED
322	LUNG	-	VIRAL	371	SEPTICAEMIA	-	BACTERIAL
325	LUNG	-	ORGANISM NOT ISOLATED	375	SEPTICAEMIA	-	ORGANISM NOT ISOLATED
341	WOUND	-	BACTERIAL	391	OTHER SITE	-	BACTERIAL
351	SHUNT	-	BACTERIAL	395	OTHER SITE	-	ORGANISM NOT ISOLATED
361	PERITONITIS	-	BACTERIAL				
363	PERITONITIS	-	FUNGAL				

**CAUSE OF ALL DEATHS BY GENDER AND RACE
NEW ZEALAND 2003**

FEMALE DEATHS

RACE	CAUSE	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
CAUCASOID	CARDIAC	0	0	0	1	0	4	0	6	2	3	16
	VASCULAR	0	0	0	0	1	4	3	2	2	0	12
	INFECTION	0	0	0	0	0	1	1	2	0	0	4
	PATIENT REFUSED TREATMENT	0	0	0	0	0	1	0	3	3	0	7
	THERAPY CEASED	0	0	0	0	0	1	1	1	0	0	3
	WITHDRAWAL-CARDIOVASCULAR	0	0	0	0	0	0	0	0	0	0	1
	WITHDRAWAL-CEREBROVASCULAR	0	0	0	0	0	0	0	0	2	0	2
	WITHDRAWAL-PYSCHOSOCIAL	0	0	0	0	0	0	1	1	1	0	3
	MALIGNANCY	0	0	0	0	1	1	2	1	2	0	7
	MISCELLANEOUS	0	0	0	0	0	1	1	1	1	0	4
		0	0	0	1	2	13	9	17	13	4	59
MAORI	CARDIAC	0	0	0	3	2	0	8	8	2	0	23
	VASCULAR	0	0	1	0	1	0	3	0	0	0	5
	INFECTION	0	0	0	0	0	0	0	1	1	0	2
	PATIENT REFUSED TREATMENT	0	0	0	0	0	0	2	5	0	0	7
	WITHDRAWAL-CARDIOVASCULAR	0	0	0	0	0	0	1	0	0	0	1
	WITHDRAWAL-CEREBROVASCULAR	0	0	0	0	0	1	0	0	0	0	1
	MALIGNANCY	0	0	0	0	0	1	1	1	0	0	3
	MISCELLANEOUS	0	0	0	0	0	1	3	1	0	0	5
		0	0	1	3	3	3	18	16	3	0	47
PACIFIC ISL	CARDIAC	0	0	0	1	1	0	1	1	0	0	4
	VASCULAR	0	0	0	0	0	1	2	1	0	0	4
	PATIENT REFUSED TREATMENT	0	0	0	0	0	0	3	1	2	0	6
	WITHDRAWAL-CEREBROVASCULAR	0	0	0	0	0	0	0	1	0	0	1
	WITHDRAWAL-MALIGNANCY	0	0	0	0	0	0	0	1	0	0	1
	MISCELLANEOUS	0	0	0	0	0	1	2	0	0	0	3
		0	0	0	1	1	2	8	5	2	0	19
ASIAN	CARDIAC	0	0	0	0	0	1	1	1	0	0	3
	VASCULAR	0	0	0	0	0	0	1	0	0	0	1
	INFECTION	0	0	0	0	0	0	1	0	0	0	1
	THERAPY CEASED	0	0	0	0	0	0	0	0	1	0	1
		0	0	0	0	0	1	3	1	1	0	6

FEMALE DEATHS			1	5	6	19	38	39	19	4	131	

**CAUSE OF ALL DEATHS BY GENDER AND RACE
NEW ZEALAND 2003**

MALE DEATHS

RACE	CAUSE	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
CAUCASOID	CARDIAC	0	0	0	0	3	2	9	11	2	1	28
	VASCULAR	0	0	0	0	1	3	2	2	3	0	11
	INFECTION	0	0	0	0	1	3	2	6	3	0	15
	PATIENT REFUSED TREATMENT	0	0	1	0	1	0	0	7	4	1	14
	SUICIDE	0	0	0	1	0	0	1	0	0	0	2
	THERAPY CEASED	0	0	0	0	0	0	0	3	2	1	6
	WITHDRAWAL-CARDIOVASCULAR	0	0	0	0	0	1	0	0	0	0	1
	WITHDRAWAL-MALIGNANCY	0	0	0	0	0	0	0	0	1	0	1
	WITHDRAWAL-PERIPHERAL VASC	0	0	0	0	0	0	2	0	0	0	2
	MALIGNANCY	0	0	0	0	2	0	4	4	0	0	10
	MISCELLANEOUS	0	0	0	0	0	0	0	1	2	0	3
		0	0	1	1	8	9	20	34	17	3	93
MAORI	CARDIAC	0	0	1	0	0	4	4	8	1	0	18
	VASCULAR	0	0	0	0	0	0	1	1	0	0	2
	INFECTION	0	0	0	2	0	2	1	4	0	0	9
	PATIENT REFUSED TREATMENT	0	0	0	0	0	0	2	0	1	0	3
	THERAPY CEASED	0	0	0	0	0	0	2	1	0	0	3
	WITHDRAWAL-PYSCHOSOCIAL	0	0	0	0	0	0	1	0	0	0	1
	MALIGNANCY	0	0	0	0	0	1	1	0	0	0	2
	MISCELLANEOUS	0	0	0	0	1	0	1	0	0	0	2
		0	0	1	2	1	7	13	14	2	0	40
PACIFIC ISL	CARDIAC	0	0	0	0	1	1	4	4	0	0	10
	VASCULAR	0	0	0	0	0	0	1	0	0	0	1
	INFECTION	0	0	0	0	1	0	0	0	0	0	1
	PATIENT REFUSED TREATMENT	0	0	0	0	0	0	0	1	0	0	1
	THERAPY CEASED	0	0	0	0	0	0	0	1	0	0	1
	WITHDRAWAL-CARDIOVASCULAR	0	0	0	0	0	0	0	0	1	0	1
	WITHDRAWAL-PYSCHOSOCIAL	0	0	0	0	0	0	1	0	0	0	1
	MISCELLANEOUS	0	0	0	0	0	0	1	0	0	0	1
		0	0	0	0	2	1	7	6	1	0	17
ASIAN	CARDIAC	0	0	0	0	0	0	0	4	0	0	4
	VASCULAR	0	0	0	0	0	1	0	0	0	0	1
	INFECTION	0	0	0	0	0	0	1	0	0	0	1
	MALIGNANCY	0	0	0	0	0	1	0	0	0	0	1
	MISCELLANEOUS	0	0	0	0	0	0	1	0	0	0	1
		0	0	0	0	0	2	2	4	0	0	8

MALE DEATHS			2	3	11	19	42	58	20	3	158	

TOTAL DEATHS			3	8	17	38	80	97	39	7	289	

CAUSES OF DEATH ON DIALYSIS

NEW ZEALAND 1-JAN-1990 - 31-DEC-2003

GENDER	CAUSE OF DEATH	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL
FEMALE	CARDIAC	18	17	29	33	30	41	24	23	32	26	43	36	54	46	452
	VASCULAR	5	4	5	6	6	8	10	8	5	7	5	17	10	18	114
	INFECTION	11	9	3	7	10	4	12	18	12	13	16	13	9	7	144
	SOCIAL	3	2	5	8	13	13	19	7	12	17	26	18	19	33	195
	MALIGNANCY	1	1	2	1	0	1	1	3	4	1	5	4	2	6	32
	MISCELLANEOUS	3	7	6	6	4	3	4	6	7	4	8	7	7	11	83
		41	40	50	61	63	70	70	65	72	68	103	95	101	121	1020
MALE	CARDIAC	19	23	40	40	39	42	34	48	73	69	63	74	75	59	698
	VASCULAR	5	3	6	8	6	12	4	6	10	6	10	17	8	13	114
	INFECTION	4	8	11	7	13	12	7	15	9	17	26	18	15	23	185
	SOCIAL	5	8	8	15	8	12	13	17	9	22	27	39	18	35	236
	MALIGNANCY	2	2	3	4	3	1	3	2	2	5	7	12	5	7	58
	MISCELLANEOUS	7	4	4	3	4	5	2	4	3	4	9	7	10	5	71
		42	48	72	77	73	84	63	92	106	123	142	167	131	142	1362

NEW ZEALAND		83	88	122	138	136	154	133	157	178	191	245	262	232	263	2382

CAUSES OF TRANSPLANT DEATH

NEW ZEALAND 1-JAN-1990 - 31-DEC-2003

GENDER	CAUSE OF DEATH	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL
FEMALE	CARDIAC	3	3	1	1	4	2	2	3	1	0	4	3	1	0	28
	VASCULAR	2	2	2	0	2	0	1	0	0	0	2	1	1	4	17
	INFECTION	2	3	1	3	0	0	3	1	2	2	2	1	2	0	22
	SOCIAL	0	1	1	0	1	0	0	0	0	0	0	1	0	1	5
	MALIGNANCY	0	1	0	1	2	0	5	2	3	3	4	3	1	4	29
	MISCELLANEOUS	0	0	2	0	1	0	1	1	2	2	0	1	2	0	11
		7	10	7	5	10	2	12	7	8	5	13	11	5	10	112
MALE	CARDIAC	2	6	2	6	4	3	7	7	9	7	2	5	9	1	70
	VASCULAR	1	1	0	1	3	2	1	2	1	2	2	1	3	2	22
	INFECTION	2	1	2	0	0	0	4	4	1	3	3	2	3	3	28
	SOCIAL	3	1	1	0	0	0	1	0	0	0	0	0	1	2	9
	MALIGNANCY	5	1	1	3	2	7	2	4	5	5	5	3	7	6	56
	MISCELLANEOUS	1	0	0	3	2	0	1	3	1	1	1	3	3	2	21
		14	10	6	13	11	12	16	20	17	18	13	14	26	16	206

NEW ZEALAND		21	20	13	18	21	14	28	27	25	23	26	25	31	26	318

TREATMENT WITHDRAWAL RELATED TO TREATMENT MODE, DISEASE, GENDER AND AGE

NEW ZEALAND 2001 – 2003

YEAR	TREATMENT	PRIMARY DISEASE	GENDER	00-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL	
2001	CAPD	DIABETIC	FEMALE	0	0	1	0	2	0	0	0	3	
			MALE	0	0	0	1	2	2	2	0	7	
		NON DIABETIC	FEMALE	0	0	0	1	0	1	0	0	0	2
			MALE	0	0	1	0	0	2	1	1	1	5
	HAEMODIALYSIS	DIABETIC	FEMALE	0	0	0	1	2	2	1	0	0	6
			MALE	0	0	0	1	1	1	1	1	0	4
		NON DIABETIC	FEMALE	0	0	0	0	3	1	3	0	0	7
			MALE	0	2	0	0	1	5	8	1	1	17
	PD	NON DIABETIC	MALE	0	0	0	1	0	0	0	1	2	
					0	2	2	5	11	14	16	3	53
2002	CAPD	DIABETIC	FEMALE	0	0	0	0	1	2	0	0	3	
			MALE	0	0	0	0	1	1	1	1	0	3
		NON DIABETIC	FEMALE	0	1	0	0	0	2	3	0	0	6
			MALE	0	0	0	0	1	2	1	0	0	4
	HAEMODIALYSIS	DIABETIC	FEMALE	0	0	0	0	0	1	1	0	0	2
			MALE	0	0	0	1	2	0	0	0	0	3
		NON DIABETIC	FEMALE	0	0	1	0	0	1	2	0	0	4
			MALE	0	0	1	2	1	1	1	1	1	7
	PD	NON DIABETIC	FEMALE	0	1	0	0	0	2	0	0	3	
					0	2	2	3	6	12	9	1	35
2003	CAPD	DIABETIC	FEMALE	0	0	0	0	0	1	0	0	1	
			MALE	0	0	0	0	0	2	0	0	0	2
		NON DIABETIC	FEMALE	0	0	0	0	0	1	2	1	1	4
			MALE	1	0	0	0	0	4	1	1	1	7
	HAEMODIALYSIS	DIABETIC	FEMALE	0	0	0	1	4	3	1	0	0	9
			MALE	0	0	1	0	3	2	2	2	0	8
		NON DIABETIC	FEMALE	0	0	0	1	3	6	5	0	0	15
			MALE	0	0	0	1	4	4	4	4	0	13
	PD	DIABETIC	FEMALE	0	0	0	1	0	2	0	0	0	3
			MALE	0	0	0	0	0	1	1	1	0	2
NON DIABETIC		FEMALE	0	0	0	0	0	0	0	1	0	1	
		MALE	0	0	0	0	1	0	0	1	1	3	
				1	0	1	4	15	26	18	3	68	

**PATIENTS WITH COMORBID CONDITIONS
AT ENTRY TO PROGRAMME
NEW ZEALAND 01-JAN-2003 - 31-DEC-2003**

NUMBER OF COMORBID FACTORS

COMORBID FACTORS	PATIENTS

CORONARY/	10
CORONARY/CVD/	7
CORONARY/CVD/DIABETES/	4
CORONARY/DIABETES/	14
CORONARY/PVD/	2
CORONARY/PVD/CVD/	1
CORONARY/PVD/CVD/DIABETES/	7
CORONARY/PVD/DIABETES/	11
CVD/	2
CVD/DIABETES/	2
DIABETES/	37
LUNG/	2
LUNG/CORONARY/	2
LUNG/CORONARY/CVD/DIABETES/	2
LUNG/CORONARY/DIABETES/	3
LUNG/CORONARY/PVD/DIABETES/	1
LUNG/CVD/	1
LUNG/DIABETES/	1
PVD/CVD/DIABETES/	1
PVD/DIABETES/	11
SMOKING/	73
SMOKING/CORONARY/	14
SMOKING/CORONARY/CVD/	3
SMOKING/CORONARY/CVD/DIABETES/	3
SMOKING/CORONARY/DIABETES/	19
SMOKING/CORONARY/PVD/	3
SMOKING/CORONARY/PVD/CVD/	3
SMOKING/CORONARY/PVD/CVD/DIABETES/	4
SMOKING/CORONARY/PVD/DIABETES/	14
SMOKING/CVD/	4
SMOKING/CVD/DIABETES/	6
SMOKING/DIABETES/	30
SMOKING/LUNG/	10
SMOKING/LUNG/CORONARY/	4
SMOKING/LUNG/CORONARY/CVD/	1
SMOKING/LUNG/CORONARY/CVD/DIABETES/	2
SMOKING/LUNG/CORONARY/DIABETES/	4
SMOKING/LUNG/CORONARY/PVD/CVD/	3
SMOKING/LUNG/CORONARY/PVD/CVD/DIABETES/	2
SMOKING/LUNG/CORONARY/PVD/DIABETES/	3
SMOKING/LUNG/CVD/	2
SMOKING/LUNG/CVD/DIABETES/	1
SMOKING/LUNG/DIABETES/	9
SMOKING/LUNG/PVD/	1
SMOKING/LUNG/PVD/CVD/DIABETES/	1
SMOKING/LUNG/PVD/DIABETES/	2
SMOKING/PVD/	1
SMOKING/PVD/DIABETES/	7
	99
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TOTAL	449

COMORBID CONDITIONS AT ENTRY TO PROGRAMME

NEW ZEALAND 01-JAN-2003 to 31-DEC-2003

COMORBID CONDITIONS		00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
SMOKING	CURRENT	0	0	4	3	9	21	20	5	0	0	62
	FORMER	0	0	3	5	17	21	45	52	23	1	167
	NEVER	1	6	16	11	20	44	48	47	25	2	220
		1	6	23	19	46	86	113	104	48	3	449
LUNG DISEASE	NO	1	6	23	19	45	75	92	91	38	2	392
	SUSPECTED	0	0	0	0	1	1	1	2	2	1	8
	YES	0	0	0	0	0	10	20	11	8	0	49
		1	6	23	19	46	86	113	104	48	3	449
CORONARY ARTERY	NO	1	6	23	17	41	68	68	54	23	2	303
	SUSPECTED	0	0	0	1	3	7	17	14	3	0	45
	YES	0	0	0	1	2	11	28	36	22	1	101
		1	6	23	19	46	86	113	104	48	3	449
PERIPHERAL VASCULAR	NO	1	6	23	17	44	71	86	83	39	1	371
	SUSPECTED	0	0	0	2	0	2	8	3	3	0	18
	YES	0	0	0	0	2	13	19	18	6	2	60
		1	6	23	19	46	86	113	104	48	3	449
CEREBROVASCULAR	NO	1	6	23	18	44	75	101	80	36	3	387
	SUSPECTED	0	0	0	0	0	0	3	4	4	0	11
	YES	0	0	0	1	2	11	9	20	8	0	51
		1	6	23	19	46	86	113	104	48	3	449
DIABETES	NO	1	6	20	15	30	41	44	53	37	1	248
	TYPE 1-INS DEPENDENT	0	0	3	2	3	3	0	0	0	0	11
	TYPE 2-INS REQUIRING	0	0	0	2	8	26	36	21	2	1	96
	TYPE 2-NON INSULIN	0	0	0	0	5	16	33	30	9	1	94
			1	6	23	19	46	86	113	104	48	3

RACE AND AGE OF NEW COMORBID DIABETIC / NON DIABETIC PATIENTS

NEW ZEALAND 2003

RACIAL ORIGIN	DIABETIC/NON DIABETIC	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-94	TOTAL	
CAUCASOID	TYPE 1-INSULIN DEPENDENT	0	0	2	2	2	3	0	0	0	0	9	
	TYPE 2-INSULIN REQUIRING	0	0	0	0	1	2	7	7	2	0	19	
	TYPE 2-NON INSULIN	0	0	0	0	0	2	5	9	4	1	21	
	NON DIABETIC	1	3	6	9	19	28	22	41	31	1	161	
			1	3	8	11	22	35	34	57	37	2	210
MAORI	TYPE 1-INSULIN DEPENDENT	0	0	1	0	1	0	0	0	0	0	2	
	TYPE 2-INSULIN REQUIRING	0	0	0	0	6	17	18	5	0	0	46	
	TYPE 2-NON INSULIN	0	0	0	0	3	10	16	13	1	0	43	
	NON DIABETIC	0	0	8	1	7	4	14	11	5	0	50	
			0	0	9	1	17	31	48	29	6	0	141
PACIFIC ISL	TYPE 2-INSULIN REQUIRING	0	0	0	2	1	6	11	7	0	0	27	
	TYPE 2-NON INSULIN	0	0	0	0	1	2	11	7	3	0	24	
	NON DIABETIC	0	1	4	4	3	6	6	0	1	0	25	
			0	1	4	6	5	14	28	14	4	0	76
ASIAN	TYPE 2-INSULIN REQUIRING	0	0	0	0	0	1	0	2	0	1	4	
	TYPE 2-NON INSULIN	0	0	0	0	1	2	1	1	1	0	6	
	NON DIABETIC	0	2	1	1	0	3	2	1	0	0	10	
			0	2	1	1	1	6	3	4	1	1	20
OTHER	NON DIABETIC	0	0	1	0	1	0	0	0	0	0	2	
			0	0	1	0	1	0	0	0	0	0	2
			1	6	23	19	46	86	113	104	48	3	449

COMORBID CONDITIONS AT ENTRY TO PROGRAMME

NEW ZEALAND 01-JAN-1999 to 31-DEC-2003

NON DIABETIC PRIMARY RENAL DISEASE PATIENTS

COMORBID CONDITIONS		00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
SMOKING	CURRENT	0	0	14	29	27	42	48	36	4	0	200
	FORMER	0	0	10	18	51	68	117	125	88	6	483
	NEVER	9	28	55	59	78	104	105	125	63	3	629
	NOT KNOWN	0	0	0	0	0	0	1	0	0	0	1
		9	28	79	106	156	214	271	286	155	9	1313
LUNG DISEASE	NO	8	28	79	98	147	186	219	229	125	7	1126
	SUSPECTED	0	0	0	1	2	6	12	12	10	1	44
	YES	1	0	0	7	7	22	40	45	20	1	143
		9	28	79	106	156	214	271	286	155	9	1313
CORONARY ARTERY	NO	9	28	78	103	147	179	189	152	73	4	962
	SUSPECTED	0	0	1	0	4	6	28	33	13	0	85
	YES	0	0	0	3	5	29	54	101	69	5	266
		9	28	79	106	156	214	271	286	155	9	1313
PERIPHERAL VASC	NO	9	28	79	105	152	202	232	212	106	6	1131
	SUSPECTED	0	0	0	1	2	5	12	19	10	1	50
	YES	0	0	0	0	2	7	27	55	39	2	132
		9	28	79	106	156	214	271	286	155	9	1313
CEREBROVASCULAR	NO	9	28	78	105	149	204	239	219	112	5	1148
	SUSPECTED	0	0	0	0	1	0	7	13	14	2	37
	YES	0	0	1	1	6	10	25	54	29	2	128
		9	28	79	106	156	214	271	286	155	9	1313
DIABETES	NO	9	28	77	102	145	200	250	254	142	7	1214
	TYPE 1-INS DEPENDENT	0	0	2	2	2	0	0	1	0	0	7
	TYPE 2-INS REQUIRING	0	0	0	0	3	2	6	4	3	0	18
	TYPE 2-NON INSULIN	0	0	0	2	6	12	15	27	10	2	74
		9	28	79	106	156	214	271	286	155	9	1313

COMORBID CONDITIONS AT ENTRY TO PROGRAMME

NEW ZEALAND 01-JAN-1999 to 31-DEC-2003

DIABETIC PRIMARY RENAL DISEASE PATIENTS

COMORBID CONDITIONS		00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85-on	TOTAL
SMOKING		-----										
	CURRENT	0	0	0	9	24	57	58	14	0	0	162
	FORMER	0	0	0	5	18	85	149	83	14	0	354
	NEVER	0	0	3	9	30	92	129	70	12	1	346
	NOT KNOWN	0	0	0	0	0	2	0	0	0	0	2

		0	0	3	23	72	236	336	167	26	1	864
LUNG DISEASE		-----										
	NO	0	0	3	23	65	210	269	131	19	1	721
	SUSPECTED	0	0	0	0	2	8	24	5	3	0	42
	YES	0	0	0	0	5	18	43	31	4	0	101

		0	0	3	23	72	236	336	167	26	1	864
CORONARY ARTERY		-----										
	NO	0	0	2	19	52	128	144	69	6	1	421
	SUSPECTED	0	0	0	1	9	47	66	34	7	0	164
	YES	0	0	1	3	11	61	126	64	13	0	279

		0	0	3	23	72	236	336	167	26	1	864
PERIPHERAL VASC		-----										
	NO	0	0	2	14	49	144	196	90	16	0	511
	SUSPECTED	0	0	0	5	3	26	37	17	3	0	91
	YES	0	0	1	4	20	66	103	60	7	1	262

		0	0	3	23	72	236	336	167	26	1	864
CEREBROVASCULAR		-----										
	NO	0	0	2	23	69	194	280	123	21	1	713
	SUSPECTED	0	0	0	0	1	9	16	12	2	0	40
	YES	0	0	1	0	2	33	40	32	3	0	111

		0	0	3	23	72	236	336	167	26	1	864
DIABETES		-----										
	TYPE 1-INS DEPENDENT	0	0	2	20	28	17	5	0	0	0	72
	TYPE 2-INS REQUIRING	0	0	0	3	22	109	156	74	6	1	371
	TYPE 2-NON INSULIN	0	0	1	0	22	110	175	93	20	0	421

		0	0	3	23	72	236	336	167	26	1	864

COMORBID CONDITIONS AT ENTRY TO PROGRAMME

NEW ZEALAND 01-JAN-1992 to 31-DEC-2003

ALL PATIENTS

COMORBID CONDITIONS		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL
-----		-----												
SMOKING	CURRENT	46	37	41	43	45	45	52	61	70	85	84	62	671
	FORMER	92	99	104	119	115	128	172	139	160	180	191	167	1666
	NEVER	105	95	103	125	129	146	146	173	191	203	188	220	1824
	NOT KNOWN	2	1	0	0	0	1	0	2	0	1	0	0	7
-----		245	232	248	287	289	320	370	375	421	469	463	449	4168
-----		-----												
LUNG DISEASE	NO	225	201	217	251	255	274	319	316	344	406	389	392	3589
	NOT KNOWN	0	1	0	0	0	0	0	0	0	0	0	0	1
	SUSPECTED	5	7	12	8	13	16	18	17	27	16	18	8	165
	YES	15	23	19	28	21	30	33	42	50	47	56	49	413
-----		245	232	248	287	289	320	370	375	421	469	463	449	4168
-----		-----												
CORONARY ARTERY	NO	180	164	171	172	220	214	222	235	266	289	290	303	2726
	SUSPECTED	21	26	27	39	31	37	64	47	47	59	51	45	494
	YES	44	42	50	76	38	69	84	93	108	121	122	101	948
-----		245	232	248	287	289	320	370	375	421	469	463	449	4168
-----		-----												
PERIPHERAL VASC	NO	203	162	192	221	224	227	249	270	309	347	345	371	3120
	SUSPECTED	13	21	14	24	14	23	39	34	26	35	28	18	289
	YES	29	49	42	42	51	70	82	71	86	87	90	60	759
-----		245	232	248	287	289	320	370	375	421	469	463	449	4168
-----		-----												
CEREBROVASCULAR	NO	219	208	228	260	262	280	323	321	356	395	402	387	3641
	SUSPECTED	7	5	6	9	9	11	15	16	22	17	11	11	139
	YES	19	19	14	18	18	29	32	38	43	57	50	51	388
-----		245	232	248	287	289	320	370	375	421	469	463	449	4168
-----		-----												
DIABETES	NO	176	152	149	173	180	185	189	214	246	275	231	248	2418
	TYPE 1-INS DEPENDENT	12	15	22	19	6	17	21	18	16	16	18	11	191
	TYPE 2-INS REQUIRING	9	12	27	31	37	48	61	55	67	74	97	96	614
	TYPE 2-NON INSULIN	48	53	50	64	66	70	99	88	92	104	117	94	945
-----		245	232	248	287	289	320	370	375	421	469	463	449	4168

COMORBID CONDITIONS AT ENTRY TO PROGRAMME

NEW ZEALAND 01-JAN-1992 to 31-DEC-2003

CAUCASOID PATIENTS

COMORBID CONDITIONS		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL
SMOKING	CURRENT	27	13	14	16	16	22	25	21	29	27	35	16	261
	FORMER	50	54	48	58	54	59	75	69	73	92	91	83	806
	NEVER	66	47	57	71	74	83	70	97	98	101	98	111	973
	NOT KNOWN	0	0	0	0	0	1	0	0	0	1	0	0	2
		143	114	119	145	144	165	170	187	200	221	224	210	2042
LUNG DISEASE	NO	136	99	103	130	132	144	149	161	169	199	197	192	1811
	SUSPECTED	1	4	7	3	5	8	7	5	11	6	6	3	66
	YES	6	11	9	12	7	13	14	21	20	16	21	15	165
		143	114	119	145	144	165	170	187	200	221	224	210	2042
CORONARY ARTERY	NO	107	84	80	87	116	112	104	127	130	138	153	142	1380
	SUSPECTED	9	7	13	19	10	16	22	17	10	21	15	17	176
	YES	27	23	26	39	18	37	44	43	60	62	56	51	486
		143	114	119	145	144	165	170	187	200	221	224	210	2042
PERIPHERAL VASC	NO	121	88	100	116	120	126	123	143	153	165	175	182	1612
	SUSPECTED	6	6	4	12	5	10	15	11	9	16	10	6	110
	YES	16	20	15	17	19	29	32	33	38	40	39	22	320
		143	114	119	145	144	165	170	187	200	221	224	210	2042
CEREBROVASCULAR	NO	127	101	106	129	130	143	148	152	169	181	197	175	1758
	SUSPECTED	3	3	4	6	2	6	4	10	10	9	9	8	74
	YES	13	10	9	10	12	16	18	25	21	31	18	27	210
		143	114	119	145	144	165	170	187	200	221	224	210	2042
DIABETES	NO	126	98	94	116	121	138	131	152	159	178	166	161	1640
	TYPE 1-INS DEPENDENT	8	6	18	15	4	12	13	14	14	13	14	9	140
	TYPE 2-INS REQUIRING	3	1	5	9	11	8	12	11	11	18	25	19	133
	TYPE 2-NON INSULIN	6	9	2	5	8	7	14	10	16	12	19	21	129
		143	114	119	145	144	165	170	187	200	221	224	210	2042

COMORBID CONDITIONS AT ENTRY TO PROGRAMME

NEW ZEALAND 01-JAN-1992 to 31-DEC-2003

MAORI PATIENTS

COMORBID CONDITIONS		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL
SMOKING	CURRENT	17	17	23	19	24	17	25	31	31	50	38	37	329
	FORMER	32	32	39	51	45	59	74	51	63	62	68	65	641
	NEVER	21	24	21	23	27	33	31	27	34	38	43	39	361
	NOT KNOWN	1	1	0	0	0	0	0	2	0	0	0	0	4
		71	74	83	93	96	109	130	111	128	150	149	141	1335
LUNG DISEASE	NO	58	61	72	75	79	84	107	87	91	115	112	114	1055
	SUSPECTED	4	3	2	4	7	8	9	6	12	10	7	3	75
	YES	9	10	9	14	10	17	14	18	25	25	30	24	205
		71	74	83	93	96	109	130	111	128	150	149	141	1335
CORONARY ARTERY	NO	48	42	57	50	66	71	77	64	78	81	86	94	814
	SUSPECTED	10	16	9	15	13	15	27	19	22	25	27	17	215
	YES	13	16	17	28	17	23	26	28	28	44	36	30	306
		71	74	83	93	96	109	130	111	128	150	149	141	1335
PERIPHERAL VASC	NO	53	41	55	64	67	67	85	71	89	107	104	113	916
	SUSPECTED	7	13	6	8	7	9	16	13	8	13	12	3	115
	YES	11	20	22	21	22	33	29	27	31	30	33	25	304
		71	74	83	93	96	109	130	111	128	150	149	141	1335
CEREBROVASCULAR	NO	62	65	77	84	85	94	115	103	111	133	127	127	1183
	SUSPECTED	4	2	1	3	6	4	5	2	4	3	1	1	36
	YES	5	7	5	6	5	11	10	6	13	14	21	13	116
		71	74	83	93	96	109	130	111	128	150	149	141	1335
DIABETES	NO	31	30	32	27	31	26	37	35	42	54	41	50	436
	TYPE 1-INS DEPENDENT	2	6	3	4	2	4	4	3	1	2	3	2	36
	TYPE 2-INS REQUIRING	4	8	15	20	20	32	32	28	39	34	41	46	319
	TYPE 2-NON INSULIN	34	30	33	42	43	47	57	45	46	60	64	43	544
		71	74	83	93	96	109	130	111	128	150	149	141	1335

COMORBID CONDITIONS AT ENTRY TO PROGRAMME

NEW ZEALAND 01-JAN-1992 to 31-DEC-2003

PACIFIC ISLANDER PATIENTS

COMORBID CONDITIONS		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL
SMOKING	CURRENT	1	6	4	6	4	5	1	9	9	6	6	7	64
	FORMER	6	10	11	10	11	8	17	14	22	18	23	14	164
	NEVER	10	14	16	22	16	18	30	31	41	44	27	55	324
	NOT KNOWN	1	0	0	0	0	0	0	0	0	0	0	0	1
		18	30	31	38	31	31	48	54	72	68	56	76	553
LUNG DISEASE	NO	18	28	28	35	27	31	43	45	65	62	48	66	496
	SUSPECTED	0	0	2	1	0	0	2	6	3	0	4	2	20
	YES	0	2	1	2	4	0	3	3	4	6	4	8	37
	18	30	31	38	31	31	48	54	72	68	56	76	553	
CORONARY ARTERY	NO	16	26	22	24	23	23	28	31	46	47	33	50	369
	SUSPECTED	2	1	5	5	6	4	12	7	13	12	6	7	80
	YES	0	3	4	9	2	4	8	16	13	9	17	19	104
	18	30	31	38	31	31	48	54	72	68	56	76	553	
PERIPHERAL VASC	NO	17	21	23	30	22	23	25	39	55	53	42	58	408
	SUSPECTED	0	1	4	4	2	3	6	7	6	4	3	7	47
	YES	1	8	4	4	7	5	17	8	11	11	11	11	98
	18	30	31	38	31	31	48	54	72	68	56	76	553	
CEREBROVASCULAR	NO	17	28	30	37	30	30	40	45	61	58	48	66	490
	SUSPECTED	0	0	1	0	0	1	5	2	6	3	1	1	20
	YES	1	2	0	1	1	0	3	7	5	7	7	9	43
	18	30	31	38	31	31	48	54	72	68	56	76	553	
DIABETES	NO	9	14	12	21	17	13	11	15	35	22	14	25	208
	TYPE 1-INS DEPENDENT	1	3	1	0	0	1	2	0	1	1	1	0	11
	TYPE 2-INS REQUIRING	2	3	6	2	3	6	11	11	12	17	16	27	116
	TYPE 2-NON INSULIN	6	10	12	15	11	11	24	28	24	28	25	24	218
		18	30	31	38	31	31	48	54	72	68	56	76	553

RACE AND COMORBID DIABETIC / NON DIABETIC PATIENTS

NEW ZEALAND 1992 - 2003

RACIAL ORIGIN	DIABETIC/NON DIABETIC	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL
CAUCASOID	TYPE 1-INSULIN DEPENDENT	8	6	18	15	4	12	13	14	14	13	14	9	140
	TYPE 2-INSULIN REQUIRING	3	1	5	9	11	8	12	11	11	18	25	19	133
	TYPE 2-NON INSULIN	6	9	2	5	8	7	14	10	16	12	19	21	129
	NON DIABETIC	126	98	94	116	121	138	131	152	159	178	166	161	1640
		143	114	119	145	144	165	170	187	200	221	224	210	2042
ABORIGINAL	TYPE 2-INSULIN REQUIRING	0	0	0	0	0	0	0	0	0	0	1	0	1
		0	0	0	0	0	0	0	0	0	0	1	0	1
MAORI	TYPE 1-INSULIN DEPENDENT	2	6	3	4	2	4	4	3	1	2	3	2	36
	TYPE 2-INSULIN REQUIRING	4	8	15	20	20	32	32	28	39	34	41	46	319
	TYPE 2-NON INSULIN	34	30	33	42	43	47	57	45	46	60	64	43	544
	NON DIABETIC	31	30	32	27	31	26	37	35	42	54	41	50	436
		71	74	83	93	96	109	130	111	128	150	149	141	1335
PACIFIC ISL	TYPE 1-INSULIN DEPENDENT	1	3	1	0	0	1	2	0	1	1	1	0	11
	TYPE 2-INSULIN REQUIRING	2	3	6	2	3	6	11	11	12	17	16	27	116
	TYPE 2-NON INSULIN	6	10	12	15	11	11	24	28	24	28	25	24	218
	NON DIABETIC	9	14	12	21	17	13	11	15	35	22	14	25	208
		18	30	31	38	31	31	48	54	72	68	56	76	553
ASIAN	TYPE 1-INSULIN DEPENDENT	1	0	0	0	0	0	2	1	0	0	0	0	4
	TYPE 2-INSULIN REQUIRING	0	0	1	0	3	2	6	4	5	5	14	4	44
	TYPE 2-NON INSULIN	2	4	3	2	4	5	4	5	6	4	9	6	54
	NON DIABETIC	10	10	11	8	10	8	9	12	9	19	10	10	126
		13	14	15	10	17	15	21	22	20	28	33	20	228
OTHER	TYPE 2-INSULIN REQUIRING	0	0	0	0	0	0	0	1	0	0	0	0	1
	NON DIABETIC	0	0	0	0	1	0	1	0	1	2	0	2	7
	NON DIABETIC	0	0	0	1	0	0	0	0	0	0	0	0	1
		0	0	0	1	1	0	1	1	1	2	0	2	9
		245	232	248	287	289	320	370	375	421	469	463	449	4168

PATIENTS WITH CURRENTLY FUNCTIONING TRANSPLANT AT 31-MAR-2004

TRANSPLANT FUNCTIONING FOR >21 YEARS

TRANSPLANTING HOSPITAL	GENDER	AGE TX	CURRENT AGE	TX NO	DONOR DONOR	DONOR AGE	TXDATE	YRS	MTHS
AUCKLAND-NEW ZEALAND	FEMALE	48	83	1	CADAVER	24	29-NOV-69	34	4
WELLINGTON-NEW ZEALAND	FEMALE	25	59	1	CADAVER	40	20-JUL-70	33	8
AUCKLAND-NEW ZEALAND	FEMALE	16	48	1	CADAVER	8	30-MAR-72	32	0
AUCKLAND-NEW ZEALAND	MALE	37	68	1	LIVING	37	31-MAY-72	31	10
CHRISTCHURCH-NEW ZEALAND	MALE	35	67	1	CADAVER	23	25-SEP-72	31	6
CHRISTCHURCH-NEW ZEALAND	FEMALE	31	63	1	CADAVER	23	25-SEP-72	31	6
AUCKLAND-NEW ZEALAND	MALE	23	54	2	CADAVER	19	13-FEB-73	31	1
WELLINGTON-NEW ZEALAND	FEMALE	50	80	1	CADAVER		02-FEB-74	30	1
CHRISTCHURCH-NEW ZEALAND	MALE	30	60	1	CADAVER	27	02-MAY-74	29	10
AUCKLAND-NEW ZEALAND	FEMALE	38	67	1	CADAVER	16	23-NOV-74	29	4
CHRISTCHURCH-NEW ZEALAND	FEMALE	23	52	1	CADAVER	45	18-APR-75	28	11
WELLINGTON-NEW ZEALAND	MALE	40	69	1	CADAVER	19	07-MAY-75	28	10
WELLINGTON-NEW ZEALAND	MALE	33	62	1	CADAVER	49	03-SEP-75	28	6
AUCKLAND-NEW ZEALAND	MALE	24	52	2	CADAVER	30	13-FEB-76	28	1
CHRISTCHURCH-NEW ZEALAND	FEMALE	14	42	1	LIVING	48	09-MAR-76	28	0
AUCKLAND-NEW ZEALAND	FEMALE	21	48	2	CADAVER		27-SEP-76	27	6
WELLINGTON-NEW ZEALAND	FEMALE	47	74	1	CADAVER	20	28-OCT-76	27	5
AUCKLAND-NEW ZEALAND	MALE	21	48	1	CADAVER	20	10-MAY-77	26	10
CHRISTCHURCH-NEW ZEALAND	FEMALE	28	54	2	CADAVER	26	09-JUN-77	26	9
CHRISTCHURCH-NEW ZEALAND	FEMALE	49	76	2	CADAVER	13	30-JUN-77	26	9
AUCKLAND-NEW ZEALAND	MALE	19	46	1	CADAVER	23	03-AUG-77	26	7
AUCKLAND-NEW ZEALAND	MALE	54	81	1	CADAVER	18	28-AUG-77	26	7
WAIKATO-NEW ZEALAND	FEMALE	20	46	1	LIVING	52	17-NOV-77	26	4
AUCKLAND-NEW ZEALAND	MALE	30	56	1	CADAVER	24	22-NOV-77	26	4
CHRISTCHURCH-NEW ZEALAND	MALE	20	46	1	CADAVER	16	12-JUL-78	25	8
CHRISTCHURCH-NEW ZEALAND	MALE	26	51	1	CADAVER	11	24-NOV-78	25	4
AUCKLAND-NEW ZEALAND	MALE	34	60	1	CADAVER	20	01-FEB-79	25	1
WELLINGTON-NEW ZEALAND	FEMALE	18	43	1	LIVING	51	13-FEB-79	25	1
WELLINGTON-NEW ZEALAND	MALE	15	40	1	CADAVER	24	15-MAY-79	24	10
WELLINGTON-NEW ZEALAND	MALE	28	53	1	CADAVER	15	13-JUN-79	24	9
WELLINGTON-NEW ZEALAND	MALE	24	49	1	LIVING	48	26-JUN-79	24	9
CHRISTCHURCH-NEW ZEALAND	FEMALE	21	46	1	CADAVER	19	25-AUG-79	24	7
CHRISTCHURCH-NEW ZEALAND	FEMALE	22	47	1	CADAVER	13	02-OCT-79	24	5
AUCKLAND-NEW ZEALAND	MALE	37	62	1	LIVING	51	12-DEC-79	24	3
CHRISTCHURCH-NEW ZEALAND	MALE	46	70	1	CADAVER	12	10-JAN-80	24	2
WELLINGTON-NEW ZEALAND	MALE	23	47	1	CADAVER	16	28-MAY-80	23	10
WAIKATO-NEW ZEALAND	FEMALE	28	52	1	CADAVER	18	05-AUG-80	23	7
CHRISTCHURCH-NEW ZEALAND	FEMALE	52	75	1	CADAVER	3	27-SEP-80	23	6
AUCKLAND-NEW ZEALAND	MALE	17	40	2	LIVING	28	29-OCT-80	23	5
AUCKLAND-NEW ZEALAND	FEMALE	45	69	1	CADAVER	17	22-NOV-80	23	4
AUCKLAND-NEW ZEALAND	MALE	32	55	2	CADAVER	24	04-MAR-81	23	0
WELLINGTON-NEW ZEALAND	MALE	38	61	1	CADAVER	13	06-MAR-81	23	0
AUCKLAND-NEW ZEALAND	MALE	22	46	1	CADAVER	16	19-MAR-81	23	0
CHRISTCHURCH-NEW ZEALAND	FEMALE	25	48	1	CADAVER	35	23-MAR-81	23	0
WELLINGTON-NEW ZEALAND	FEMALE	29	52	1	CADAVER	35	23-MAR-81	23	0
CHRISTCHURCH-NEW ZEALAND	MALE	29	52	1	CADAVER	18	03-APR-81	22	11
AUCKLAND-NEW ZEALAND	FEMALE	18	41	2	CADAVER	16	27-APR-81	22	11
WELLINGTON-NEW ZEALAND	FEMALE	40	62	1	LIVING	39	30-JUN-81	22	9
CHRISTCHURCH-NEW ZEALAND	FEMALE	30	53	1	CADAVER	25	12-JUL-81	22	8
WELLINGTON-NEW ZEALAND	MALE	43	66	1	CADAVER	36	11-AUG-81	22	7
AUCKLAND-NEW ZEALAND	MALE	19	41	1	CADAVER	15	02-OCT-81	22	5
WELLINGTON-NEW ZEALAND	MALE	39	62	1	CADAVER	17	30-OCT-81	22	5
CHRISTCHURCH-NEW ZEALAND	FEMALE	21	43	1	CADAVER	20	25-NOV-81	22	4
CHRISTCHURCH-NEW ZEALAND	MALE	37	60	1	CADAVER	41	30-DEC-81	22	3
WAIKATO-NEW ZEALAND	FEMALE	27	49	1	CADAVER	21	02-FEB-82	22	1
AUCKLAND-NEW ZEALAND	MALE	24	46	2	LIVING	22	10-FEB-82	22	1
CHRISTCHURCH-NEW ZEALAND	MALE	27	49	1	LIVING	33	04-MAR-82	22	0
CHRISTCHURCH-NEW ZEALAND	FEMALE	50	73	1	CADAVER	26	11-MAR-82	22	0
WELLINGTON-NEW ZEALAND	FEMALE	22	44	1	CADAVER	17	15-MAY-82	21	10
WELLINGTON-NEW ZEALAND	MALE	36	58	1	CADAVER	17	15-MAY-82	21	10
AUCKLAND-NEW ZEALAND	FEMALE	34	56	1	CADAVER	19	02-JUN-82	21	9
WELLINGTON-NEW ZEALAND	MALE	30	51	2	LIVING	24	03-AUG-82	21	7
CHRISTCHURCH-NEW ZEALAND	FEMALE	39	61	1	CADAVER	17	13-AUG-82	21	7
AUCKLAND-NEW ZEALAND	MALE	32	53	1	LIVING	25	06-OCT-82	21	5
WELLINGTON-NEW ZEALAND	MALE	35	56	1	CADAVER	44	02-DEC-82	21	3
AUCKLAND-NEW ZEALAND	MALE	38	59	1	LIVING	54	08-DEC-82	21	3
WAIKATO-NEW ZEALAND	MALE	20	41	1	CADAVER	30	12-JAN-83	21	2
WELLINGTON-NEW ZEALAND	FEMALE	20	41	1	LIVING	50	01-FEB-83	21	1

LONGEST DIALYSIS SURVIVORS ALIVE (NEVER TRANSPLANTED)

UNINTERRUPTED DIALYSIS FOR >8 YEARS

NEW ZEALAND - 31-MAR-2004

CURRENT HOSPITAL	GENDER	AGE FIRST TREATMENT	CURRENT AGE	DATE FIRST DIALYSIS	YRS	MTHS	TYPE TREATMENT 31-MAR-2004
WELLINGTON-NEW ZEALAND	FEMALE	39	58	08-AUG-84	19	7	HOME HD
MIDDLEMORE-NEW ZEALAND	MALE	23	40	06-JUN-85	18	9	HOME HD
MIDDLEMORE-NEW ZEALAND	FEMALE	46	63	08-JAN-86	18	2	HOSPITAL HD
WHANGAREI-NEW ZEALAND	MALE	31	48	17-APR-86	17	11	HOME HD
AUCKLAND-NEW ZEALAND	FEMALE	46	62	30-MAR-87	17	0	HOSPITAL HD
WELLINGTON-NEW ZEALAND	MALE	56	71	23-NOV-87	16	4	HOSPITAL HD
CHRISTCHURCH-NEW ZEALAND	MALE	61	74	14-AUG-90	13	7	HOSPITAL HD
WAIKATO-NEW ZEALAND	MALE	14	27	29-AUG-90	13	7	HOSPITAL HD
MIDDLEMORE-NEW ZEALAND	MALE	48	60	02-OCT-90	13	5	SATELLITE HD
AUCKLAND-NEW ZEALAND	FEMALE	63	75	04-MAR-91	13	0	HOSPITAL HD
AUCKLAND-NEW ZEALAND	FEMALE	36	48	21-MAR-91	13	0	SATELLITE HD
MIDDLEMORE-NEW ZEALAND	FEMALE	42	53	07-OCT-91	12	5	SATELLITE HD
AUCKLAND-NEW ZEALAND	MALE	62	74	02-DEC-91	12	3	HOSPITAL HD
CHRISTCHURCH-NEW ZEALAND	MALE	32	43	02-JAN-92	12	2	HOME HD
WHANGAREI-NEW ZEALAND	MALE	23	34	10-FEB-92	12	1	HOSPITAL HD
CHRISTCHURCH-NEW ZEALAND	FEMALE	31	42	30-JUN-92	11	9	HOME HD
CHRISTCHURCH-NEW ZEALAND	MALE	56	66	16-JUL-92	11	8	CAPD
MIDDLEMORE-NEW ZEALAND	FEMALE	54	64	11-DEC-92	11	3	HOSPITAL HD
AUCKLAND-NEW ZEALAND	FEMALE	57	67	31-JAN-93	11	2	SATELLITE HD
MIDDLEMORE-NEW ZEALAND	MALE	51	61	15-FEB-93	11	1	CAPD
WAIKATO-NEW ZEALAND	MALE	55	65	23-FEB-93	11	1	HOSPITAL HD
WELLINGTON-NEW ZEALAND	MALE	53	63	23-FEB-93	11	1	HOME HD
MIDDLEMORE-NEW ZEALAND	FEMALE	37	47	01-MAR-93	11	0	SATELLITE HD
MIDDLEMORE-NEW ZEALAND	MALE	27	37	30-MAR-93	11	0	HOME HD
AUCKLAND-NEW ZEALAND	MALE	56	66	23-APR-93	10	11	HOSPITAL HD
WELLINGTON-NEW ZEALAND	MALE	41	51	13-OCT-93	10	5	HOME HD
AUCKLAND-NEW ZEALAND	MALE	38	47	16-OCT-93	10	5	CAPD
TARANAKI-NEW ZEALAND	MALE	40	49	18-OCT-93	10	5	CAPD
AUCKLAND-NEW ZEALAND	FEMALE	34	43	26-OCT-93	10	5	SATELLITE HD
AUCKLAND-NEW ZEALAND	MALE	47	56	24-NOV-93	10	4	HOSPITAL HD
AUCKLAND-NEW ZEALAND	FEMALE	38	48	29-NOV-93	10	4	CAPD
WHANGAREI-NEW ZEALAND	FEMALE	37	46	01-JAN-94	10	2	HOSPITAL HD
AUCKLAND-NEW ZEALAND	FEMALE	53	62	05-JAN-94	10	2	SATELLITE HD
AUCKLAND-NEW ZEALAND	FEMALE	45	54	12-JAN-94	10	2	HOSPITAL HD
AUCKLAND-NEW ZEALAND	MALE	62	71	23-MAY-94	9	10	HOSPITAL HD
WELLINGTON-NEW ZEALAND	FEMALE	64	72	26-JUL-94	9	8	SATELLITE HD
MIDDLEMORE-NEW ZEALAND	FEMALE	37	46	08-AUG-94	9	7	SATELLITE HD
MIDDLEMORE-NEW ZEALAND	FEMALE	42	51	12-SEP-94	9	6	HOME HD
WELLINGTON-NEW ZEALAND	MALE	61	69	10-OCT-94	9	5	HOSPITAL HD
WAIKATO-NEW ZEALAND	MALE	60	68	31-OCT-94	9	5	CAPD
WELLINGTON-NEW ZEALAND	FEMALE	59	67	07-DEC-94	9	3	CAPD
WAIKATO-NEW ZEALAND	FEMALE	17	25	09-JAN-95	9	2	HOME PD
MIDDLEMORE-NEW ZEALAND	FEMALE	31	39	13-JAN-95	9	2	HOME HD
MIDDLEMORE-NEW ZEALAND	MALE	54	62	23-JAN-95	9	2	SATELLITE HD
MIDDLEMORE-NEW ZEALAND	MALE	21	29	14-MAR-95	9	0	SATELLITE HD
MIDDLEMORE-NEW ZEALAND	FEMALE	30	38	16-MAR-95	9	0	HOME HD
WAIKATO-NEW ZEALAND	FEMALE	42	50	23-MAR-95	9	0	HOME HD
DUNEDIN-NEW ZEALAND	MALE	65	73	03-APR-95	8	11	CAPD
DUNEDIN-NEW ZEALAND	FEMALE	57	64	01-MAY-95	8	10	CAPD
AUCKLAND-NEW ZEALAND	MALE	29	37	02-MAY-95	8	10	SATELLITE HD
WAIKATO-NEW ZEALAND	FEMALE	54	62	03-MAY-95	8	10	CAPD
AUCKLAND-NEW ZEALAND	MALE	50	58	12-JUN-95	8	9	SATELLITE HD
MIDDLEMORE-NEW ZEALAND	MALE	43	51	19-JUN-95	8	9	HOSPITAL HD
MIDDLEMORE-NEW ZEALAND	FEMALE	53	61	05-JUL-95	8	8	SATELLITE HD
WELLINGTON-NEW ZEALAND	MALE	41	49	10-JUL-95	8	8	HOME PD
AUCKLAND-NEW ZEALAND	FEMALE	44	52	28-AUG-95	8	7	SATELLITE HD
WAIKATO-NEW ZEALAND	MALE	47	55	18-SEP-95	8	6	HOME PD
MIDDLEMORE-NEW ZEALAND	MALE	28	36	02-OCT-95	8	5	SATELLITE HD
MIDDLEMORE-NEW ZEALAND	MALE	49	57	06-OCT-95	8	5	SATELLITE HD
WAIKATO-NEW ZEALAND	MALE	32	40	05-DEC-95	8	3	HOME HD
PALMERSTON NORTH-NEW ZEALAND	FEMALE	48	56	21-DEC-95	8	3	HOSPITAL HD
DUNEDIN-NEW ZEALAND	FEMALE	54	61	05-JAN-96	8	2	HOME HD
AUCKLAND-NEW ZEALAND	FEMALE	48	55	08-JAN-96	8	2	HOSPITAL HD
PALMERSTON NORTH-NEW ZEALAND	FEMALE	7	15	06-FEB-96	8	1	HOSPITAL HD
MIDDLEMORE-NEW ZEALAND	FEMALE	44	51	19-FEB-96	8	1	SATELLITE HD
MIDDLEMORE-NEW ZEALAND	MALE	47	54	07-MAR-96	8	0	CAPD
AUCKLAND-NEW ZEALAND	FEMALE	68	75	27-MAR-96	8	0	CAPD

HAEMODIALYSIS ANALYSIS RELATED TO AGE GROUPS - NEW ZEALAND

HAEMODIALYSIS DURING SURVEY PERIOD

SURVEY ENDING 30-SEP-2002 *

NUMBER OF TREATMENTS PER WEEK	00-44	45-54	55-64	65-74	75-on	TOTAL
2.0	2	2	5	5	5	19
2.5	0	0	1	0	0	1
3.0	217	206	237	167	44	871
3.5	3	2	0	0	0	5
4.0	4	2	3	2	0	11
5.0	1	0	0	0	0	1
6.0	3	0	0	0	0	3
	230	212	246	174	49	911

BLOOD FLOW RATE (mls/min)	00-44	45-54	55-64	65-74	75-on	TOTAL
000-199	4	1	1	2	0	8
200-249	32	17	26	25	8	108
250-299	57	73	80	52	20	282
300-349	91	64	80	62	15	312
>=350	46	57	59	33	6	201
	230	212	246	174	49	911

HOURS OF TREATMENT PER WEEK	00-44	45-54	55-64	65-74	75-on	TOTAL
<12 hours	16	6	11	13	7	53
12-14.9 hours	111	109	144	104	34	502
>=15 hours	103	97	91	57	8	356
	230	212	246	174	49	911

SURVEY ENDING 31-MAR-2003 *

NUMBER OF TREATMENTS PER WEEK	00-44	45-54	55-64	65-74	75-on	TOTAL
1.0	1	0	0	1	0	2
2.0	1	2	2	7	3	15
2.5	0	0	1	0	0	1
3.0	216	204	246	178	53	897
3.5	3	1	0	0	0	4
4.0	3	2	4	1	0	10
6.0	4	0	0	0	0	4
	228	209	253	187	56	933

BLOOD FLOW RATE (mls/min)	00-44	45-54	55-64	65-74	75-on	TOTAL
000-199	2	2	1	2	0	7
200-249	27	17	26	24	8	102
250-299	50	44	56	48	24	222
300-349	98	91	105	71	13	378
>=350	51	55	65	42	11	224
	228	209	253	187	56	933

HOURS OF TREATMENT PER WEEK	00-44	45-54	55-64	65-74	75-on	TOTAL
<12 hours	12	5	8	17	7	49
12-14.9 hours	108	105	145	118	40	516
>=15 hours	108	99	100	52	9	368
	228	209	253	187	56	933

* HAEMODIALYSIS DATA UPDATED FROM SURVEY ENDING 31ST MARCH 2004

HAEMODIALYSIS ANALYSIS RELATED TO AGE GROUPS - NEW ZEALAND

HAEMODIALYSIS DURING SURVEY PERIOD

SURVEY ENDING 30-SEP-2003 *

NUMBER OF TREATMENTS PER WEEK	00-44	45-54	55-64	65-74	75-on	TOTAL
1.0	0	0	0	1	1	2
2.0	3	4	2	7	4	20
2.5	0	0	0	1	0	1
3.0	222	215	266	207	58	968
3.5	4	1	1	0	0	6
4.0	6	3	4	2	0	15
5.0	2	0	0	0	0	2
6.0	5	1	0	0	0	6
	242	224	273	218	63	1020

BLOOD FLOW RATE (mls/min)	00-44	45-54	55-64	65-74	75-on	TOTAL
000-199	1	1	4	2	1	9
200-249	29	18	27	35	9	118
250-299	55	53	62	43	26	239
300-349	105	99	111	93	17	425
>=350	52	53	69	45	10	229
	242	224	273	218	63	1020

HOURS OF TREATMENT PER WEEK	00-44	45-54	55-64	65-74	75-on	TOTAL
<12 hours	15	8	7	15	8	53
12-14.9 hours	111	115	162	136	45	569
>=15 hours	116	101	104	67	10	398
	242	224	273	218	63	1020

SURVEY ENDING 31-MAR-2004

NUMBER OF TREATMENTS PER WEEK	00-44	45-54	55-64	65-74	75-on	TOTAL
1.0	0	0	1	1	0	2
2.0	3	4	0	4	5	16
3.0	210	209	276	218	66	979
3.5	7	2	1	0	0	10
4.0	7	5	1	0	1	14
5.0	1	3	1	0	0	5
6.0	4	2	0	0	0	6
7.0	1	0	0	0	0	1
	233	225	280	223	72	1033

BLOOD FLOW RATE (mls/min)	00-44	45-54	55-64	65-74	75-on	TOTAL
000-199	1	2	1	0	1	5
200-249	27	14	22	23	13	99
250-299	47	39	62	50	26	224
300-349	105	106	126	95	23	455
>=350	53	64	69	55	9	250
	233	225	280	223	72	1033

HOURS OF TREATMENT PER WEEK	00-44	45-54	55-64	65-74	75-on	TOTAL
<12 hours	16	10	6	10	7	49
12-14.9 hours	99	110	163	145	57	574
>=15 hours	118	105	111	68	8	410
	233	225	280	223	72	1033

* HAEMODIALYSIS DATA UPDATED FROM SURVEY ENDING 31ST MARCH 2004