

Appendix F: Data Tables

F.1. Patients starting renal replacement in 2001

Take-on figures for new patients on dialysis				
Centre	Aged >65		Aged <65	
	% on HD	% on PD	% HD	% on PD
Bristol	78	22	49	51
Carls	50	50	60	40
Carsh	60	40	46	54
Covnt	70	30	58	42
Crdff	80	20	40	60
Derby	83	17	50	50
Extr	70	30	40	60
Glouc	67	33	47	53
Guys	55	45	24	76
Heart	89	11	74	26
Hull	97	3	74	26
Leic	54	46	55	45
LGI	89	11	58	42
Notts	73	27	39	61
Oxfrd	73	27	35	65
Plym	70	30	50	50
Prstn	53	47	36	64
Redng	29	71	4	96
S Cleve	93	7	53	47
Sheff	67	33	56	44
Stevn	64	36	81	19
Sthend	88	13	53	47
St Jms	91	9	71	29
Sund	96	4	88	13
Swmse	82	18	50	50
Wolve	61	39	47	53
Words	39	61	22	78
Wrex	81	19	68	32
York	67	33	50	50
E&W	72	28	49	51

Table F.1.1: Take-on of new dialysis patients
HD, haemodialysis; PD, peritoneal dialysis.

	Take-on figures for new patients on dialysis			
	aged <65		aged >65	
	No. on HD	No. on PD	No. on HD	No. on PD
England	705	559	769	321
Wales	62	46	98	35
E&W	767	605	867	356

Table F.1.2: Take-on totals of new dialysis patients

Treatment centre	Treatment modalities at 90 days					% Died
	% on HD	% on PD	% on Transplant	% on Transfer out	% Stopped treatment	
Bradford	66	25				7
Bristol	57	28				11
Cambus	19	39				11
Carlisle	20	34	3			13
Cardiff	45	15	1			7
Covington	52	27			4	17
Cardiff	56	39				9
Derby	66	29	2			17
Exeter	62	48	7			8
Gloucester	61	37	6			7
Guys	37	24				3
Heart	77	26				9
Hull	64	26	1			10
Leicester	51	68		5		2
LGI	56	38	3	1		10
Liverpool	61	25	1			9
Notts	52	33				6
Oxford	48	18		3		8
Plymouth	51	45	3	1	1	9
Ports	61	28				16
Prinston	42	10				15
Reding	25	56				9
S. Cleve	63	22				17
Sheff	48	13		11		11
Stevn	71	40	3			11
Sthend	66	33	7			4
St Jms	76	25	3			15
Sund	75	37	41			4
Swansea	61	11				11
Truro	74	36				44
Wolver	37	23	1			15
Words	35	47		1	4	10
Wrex	50	16	1	1		18
York	50	45		1		7
Eng	54	32	3	1	0	10
Wales	57	29	4			10
E&W	54	32	3	1	0	10

Table F.1.3: Treatment modalities at 90 days

	Treatment modalities at 90 days					No. died
	No. on HD	No. on PD	No. on transp	No. transf out	No. stopped treatment	
Eng	1474	880	72	21	8	281
Wales	160	81	11			27
E&W	1634	961	83	21	8	308

Table F.1.4: Number of patients per treatment modality at 90 days

Treatment centre	First treatment modality		
	% on HD	% on PD	% on transplant
Bradf	69	31	
Bristl	73	26	1
Camb	22	38	41
Carls	60	40	
Carsh	51	47	2
Covnt	67	31	2
Crdff	62	34	5
Derby	68	32	
Extr	70	30	
Glouc	73	27	
Guys	37	57	6
Heart	85	15	
Hull	71	27	1
Leic	56	40	5
LGI	72	28	
Livrpl	68	32	
Notts	57	43	
Oxfrd	57	39	4
Plym	71	29	
Ports	62	36	3
Prstn	46	54	
Redng	30	70	
S Cleve	81	17	2
Sheff	55	43	1
Stevn	82	18	
Sihend	76	24	
St Jms	81	18	1
Sund	90	10	
Swkse	74	26	
Truro	74	26	
Wolve	49	51	
Words	41	59	
Wrex	63	37	
York	61	39	
Eng	62	35	3
Wls	67	31	2
E&W	63	35	2

Table F.1.5: First treatment modality

Treatment centre	First treatment modality		
	No. on HD	No. on PD	No. on transplant
Eng	1711	972	69
Wls	186	87	6
E&W	1897	1059	75

Table F.1.6: First treatment modality – patient numbers

Treatment by Gender						
Treatment Centre	Haemodialysis			Peritoneal Dialysis		
	% Male	% Female	M:F Ratio	% Male	% Female	M:F Ratio
Bradf	61	39	1.5	73	27	2.8
Bristol	59	41	1.4	70	30	2.4
Camb	73	27	2.8	76	24	3.1
Carls		100		22	78	0.3
Carsh	65	35	1.8	72	28	2.5
Covnt	54	46	1.2	69	31	2.3
Crdf	59	41	1.4	72	28	2.6
Derby	62	38	1.6	80	20	4.0
Extr	62	38	1.6	55	45	1.2
Glouc	56	44	1.3	33	67	0.5
Guys	50	50	1.0	52	48	1.1
Heart	62	38	1.6	40	60	0.7
Hull	61	39	1.6	53	47	1.1
Leic	66	34	1.9	58	42	1.4
LGI	66	34	1.9	58	42	1.4
Livrpl	57	43	1.3	74	26	2.9
Notts	55	45	1.2	59	41	1.4
Oxfrd	70	30	2.4	57	43	1.3
Plym	67	33	2.0	63	37	1.7
Ports	62	38	1.6	59	41	1.4
Prstn	57	43	1.3	63	37	1.7
Redng	53	47	1.1	54	46	1.2
SCleve	58	42	1.4	71	29	2.5
Sheff	72	28	2.5	75	25	2.9
Stevn	62	38	1.6	77	23	3.4
Sthend	88	12	7.3	100		
StJms	56	44	1.3	62	38	1.6
Sund	53	47	1.1	25	75	0.3
Swmse	56	44	1.3	56	44	1.3
Truro	64	36	1.8	75	25	3.0
Wolve	72	28	2.6	76	24	3.1
Words	92	8	11.0	89	11	8.5
Wrex	68	32	2.2	54	46	1.2
York	37	63	0.6	80	20	4.0
Eng	61	39	1.6	65	35	1.8
Wls	59	41	1.4	64	36	1.8
E&W	61	39	1.6	65	35	1.8

Table F.1.7: Treatment modalities, by gender

	Treatment by gender					
	Haemodialysis		No. unknown	Peritoneal dialysis		No unknown
No. male	No. female	No. male		No. female		
Eng	904	568	0	568	311	0
Wls	94	66	0	52	29	0
E&W	998	634	0	568	311	0

Table F.1.8: Treatment modality numbers, by gender

F:2 Current patients 2001

Treatment centre	Treatment modalities by centre							
	For patients aged over 65				For patients under 65			
	% on HD	% on PD	% on transplant	HD:PD	% on HD	% on PD	% on transplant	HD:PD
Bradf	61	25	14	2.4	26	19	55	1.4
Bristol	63	13	24	5.1	24	9	68	2.7
Camb	42	29	29	1.4	11	17	71	0.6
Carls	62	19	19	3.2	19	16	66	1.2
Carsh	47	28	25	1.7	27	17	56	1.6
Covnt	52	27	21	1.9	29	16	55	1.8
Crdff	55	18	27	3.1	16	13	72	1.2
Derby	83	17		4.9	63	37		1.7
Extr	60	24	16	2.5	29	17	54	1.7
Glouc	80	16	5	5.1	36	22	42	1.6
Guys	44	24	31	1.8	18	12	70	1.5
Heart	80	11	9	7.1	45	12	43	3.8
Hull	74	14	12	5.1	37	18	45	2.0
Leic	50	30	20	1.7	28	22	50	1.3
LGI	58	20	22	2.9	22	23	56	1.0
Livrpl	56	15	30	3.8	28	12	61	2.3
Notts	58	26	15	2.2	27	18	55	1.5
Oxfrd	51	17	32	3.0	16	10	74	1.6
Plym	56	12	32	4.8	20	13	66	1.6
Ports	49	19	32	2.6	21	9	70	2.3
Prstn	58	30	12	1.9	38	32	30	1.2
Redng	43	56	1	0.8	38	58	4	0.7
S Cleve	68	8	24	8.7	27	10	63	2.6
Sheff	55	22	23	2.5	41	12	47	3.5
Stevn	78	15	7	5.2	52	15	34	3.5
Sthend	91	8	2	11.8	63	16	21	3.9
St Jms	67	6	27	10.8	27	8	65	3.4
Sund	67	8	25	8.2	31	8	62	4.0
Swnse	67	24	9	2.8	32	26	42	1.3
Truro	76	15	9	5.2	40	17	43	2.3
Wolve	66	30	4	2.2	52	20	28	2.6
Words	51	35	15	1.5	27	29	44	0.9
Wrex	73	18	10	4.1	30	27	44	1.1
York	77	16	7	4.8	49	24	28	2.1
Eng	59	20	21	2.9	21	17	62	1.2
Wales	61	20	19	3.1	27	15	57	1.8
E&W	59	20	21	2.9	28	15	57	1.8

Table F.2.1: Treatment modalities for patients aged under and over 65

	Treatment modality numbers					
	For patients aged over 65			For patients aged under 65		
	No. on HD	No. on PD	No. on transplant	No. on HD	No. on PD	No. on transplant
Eng	2939	1013	1031	3298	1798	6762
Wls	328	105	102	226	188	680
E&W	3267	1118	1133	3524	1986	7442

Table F.2.2: Number of patients under and over 65, by treatment modality

Centre	Median ages and dialysis modalities by centre				
	Median age on dialysis	Median age on HD	Median age on PD	Median age on transplant	Median age for all
Bradf	61.0	62.0	60.0	44.0	52.5
Bristol	65.0	66.0	61.0	49.0	56.0
Camb	60.0	64.5	57.0	48.0	52.0
Carls	66.0	68.0	59.5	49.5	57.0
Carsh	59.0	59.0	59.0	50.0	55.0
Covnt	61.0	61.5	61.0	46.5	55.0
Crdff	65.0	67.0	57.0	48.0	53.0
Derby	59.0	61.5	55.0	.	59.0
Extr	65.0	66.0	61.5	49.0	58.0
Glouc	67.5	69.5	55.0	49.0	61.0
Guys	61.0	62.0	59.0	47.0	52.0
Heart	63.0	64.0	60.0	45.5	57.0
Hull	62.0	63.5	54.0	48.0	55.0
Leic	61.0	61.5	59.0	48.0	55.0
LGI	61.0	65.0	55.0	51.0	56.0
Livrpl	58.0	60.0	53.0	48.0	53.0
Notts	61.0	62.0	59.0	47.0	54.0
Oxfrd	65.0	67.0	59.0	51.0	54.0
Plym	63.0	68.0	58.5	51.0	56.0
Ports	62.0	62.0	63.0	49.0	54.0
Prstn	61.0	63.0	57.0	51.0	58.0
Redng	61.0	60.5	58.0	48.5	58.0
S Cleve	58.5	66.0	50.0	51.0	56.0
Sheff	62.0	57.0	60.0	48.0	54.0
Stevn	57.0	66.0	62.0	50.0	62.0
Sthend	65.0	66.0	53.0	54.0	62.0
St Jms	65.0	63.0	51.0	45.5	51.0
Sund	61.0	67.0	56.0	51.0	56.0
Swkse	64.5	68.0	62.0	50.0	62.0
Truro	67.0	71.0	61.0	52.5	64.0
Wolve	68.0	62.0	63.0	48.5	60.0
Words	62.0	61.5	60.5	51.0	57.0
Wrex	63.0	69.0	55.0	48.0	58.0
York	65.0	67.0	54.0	49.0	59.5
E&W	62.0	64.0	58.0	49.0	55.0

Table F.2.3: Treatment modality median age, by centre

Dialysis modalities for patients aged under 65								
Treatment centre	% on home HD	% on hosp HD	% on satellite HD	% on standard PD	% on disconnect PD	% on cycling PD ≥ 6 nights/wk	% on cycling PD < 6 nights/wk	% on unknown type of PD
Bristol	21	24	30	1	19	5	0	0
Carls	0	53	3	0	42	3	0	0
Carsh	2	37	15	0	33	13	0	0
Covnt	7	52	0	0	41	0	0	0
Crdff	0	27	29	0	45	0	0	0
Derby	6	51	0	0	40	2	2	0
Extr	2	26	27	0	39	3	2	0
Glouc	0	60	0	0	37	3	0	0
Guys	6	40	6	0	31	0	16	0
Heart	14	59	5	0	19	3	0	0
Hull	6	46	13	0	24	10	0	0
Leic	7	33	15	0	37	8	0	0
LGI	0	50	0	0	31	18	0	0
Notts	1	45	14	0	26	14	0	0
Oxfrd	8	49	0	0	35	7	0	0
Plym	2	51	0	0	47	0	0	0
Prstn	2	33	22	0	35	7	2	0
Redng	0	36	0	0	61	3	0	0
S Cleve	1	55	11	0	33	0	0	0
Sheff	11	43	22	0	23	1	0	0
Sthend	0	74	0	0	26	0	0	0
St Jms	2	35	39	0	19	5	0	0
Sund	2	79	0	0	3	16	0	0
Swmse	3	28	17	0	48	0	3	0
Wolve	0	35	37	0	28	0	0	0
Words	3	50	0	0	47	0	0	0
Wrex	0	58	0	0	1	39	2	0
York	0	53	20	0	27	0	0	0
E&W	5	42	14	0	32	6	1	0

Table F.2.4: Dialysis modalities for patients aged under 65

Dialysis modalities for patients aged over 65								
Treatment centre	% on home HD	% on hosp HD	% on satellite HD	% on standard PD	% on disconnect PD	% on cycling PD ≥ 6 nights/wk	% on cycling PD < 6 nights/wk	% on unknown type of PD
Bradf	0	71	0	0	21	8	0	0
Bristol	1	20	63	0	15	1	0	0
Camb	1	58	0	0	41	0	0	0
Carls	0	68	8	0	24	0	0	0
Carsh	1	44	17	0	23	14	0	0
Covnt	0	66	0	0	34	0	0	0
Crdff	0	28	47	0	25	0	0	0
Derby	0	83	0	0	17	0	0	0
Extr	0	32	39	0	27	1	0	1
Glouc	0	83	0	3	14	0	0	0
Guys	1	36	28	0	24	0	11	0
Heart	2	75	10	0	10	2	0	0

Treatment centre	Dialysis modalities for patients aged over 65							
	% on home HD	% on hosp HD	% on satellite HD	% on standard PD	% on disconnect PD	% on cycling PD ≥6 nights/wk	% on cycling PD <6 nights/wk	% on unknown type of PD
	Hull	1	49	34	0	12	4	0
Leic	1	33	28	0	33	5	0	0
LGI	0	75	0	0	20	5	0	0
Livrpl	0	55	24	1	18	0	0	0
Notts	0	52	16	0	24	7	0	0
Oxfrd	2	73	0	0	20	5	0	0
Plym	0	83	0	0	17	0	0	0
Ports	0	40	32	0	28	0	0	0
Prstn	0	31	35	0	29	1	4	0
Redng	0	44	0	0	56	0	0	0
S Cleve	0	61	29	0	10	0	0	0
Sheff	2	51	19	0	28	1	0	0
Stevn	0	36	48	0	16	0	0	0
Sthend	2	90	0	0	8	0	0	0
St Jms	0	27	65	0	5	4	0	0
Sund	0	89	0	0	9	2	0	0
Swmse	1	41	32	0	26	0	0	0
Truro	0	84	0	0	15	1	0	0
Wolve	0	32	37	0	32	0	0	0
Words	0	59	0	0	41	0	0	0
Wrex	0	80	0	0	0	20	0	0
York	0	83	0	0	17	0	0	0
E&W	1	50	24	0	22	2	1	0

Table F.2.5: Dialysis modalities for patients aged over 65

Treatment centre	Patient age range by centre							
	% 18–24	% 25–34	% aged 35–44	% aged 45–54	% aged 55–64	% aged 65–74	% aged 75–84	% aged 85+
Bradf	5	11	20	20	18	21	6	
Bristol	5	8	16	19	23	18	11	1
Camb	3	12	20	23	21	17	4	1
Carls	1	11	12	19	26	22	8	
Carsh	2	11	20	17	23	17	8	1
Covnt	2	12	18	17	21	18	11	0
Crdff	3	10	19	22	19	18	10	1
Derby	3	8	16	13	19	20	18	1
Extr	3	7	16	17	22	20	14	1
Glouc	4	7	10	16	21	21	18	4
Guys	2	12	21	21	20	17	6	1
Heart	5	10	14	15	22	22	13	1
Hull	3	8	16	19	21	18	12	2
Leic	2	10	15	21	22	20	9	1
LGI	1	9	17	18	27	21	7	
Livrpl	2	11	20	22	21	17	8	1
Notts	4	11	18	19	19	20	8	0
Oxfrd	2	9	18	21	22	18	9	1
Plym	3	8	17	19	24	16	12	1
Ports	4	10	19	20	21	17	10	1

Treatment centre	Patient age range by centre							
	% 18–24	% 25–34	% aged 35–44	% aged 45–54	% aged 55–64	% aged 65–74	% aged 75–84	% aged 85+
Prstn	1	10	13	19	19	21	14	1
Redng	1	9	13	20	17	26	13	1
S Cleve	5	8	17	16	23	18	11	0
Sheff	3	10	17	22	22	19	7	0
Stevn	2	8	12	14	22	26	15	1
Sthend	1	5	12	11	24	25	17	4
St Jms	6	14	17	20	19	15	8	1
Sund	1	11	17	19	19	24	9	0
Swnse	3	6	13	15	21	26	14	3
Truro	3	6	7	13	22	24	21	3
Wolve	4	9	12	16	23	23	13	1
Words	1	8	13	23	25	21	11	
Wrex	2	8	14	20	18	20	15	2
York	4	9	12	17	13	23	20	2
E&W	3	10	17	20	21	19	10	1

Table F.2.6: Age range, by centre

Treatment centre	Non-diabetic dialysis modalities (all patients)							
	% on home HD	% on hospital HD	% on satellite HD	% on CAPD connect	% on CAPD disconnect	% on cycling PD ≥6 nights/wk	% on cycling PD <6 nights/wk	% on PD type unknown
Bradf	0	64	0	0	27	9	0	0
Bristl	10	20	48	0	20	2	0	0
Camb	4	42	0	0	53	0	1	0
Carls	0	61	3	0	34	2	0	0
Carsh	3	45	16	0	19	17	0	0
Covnt	4	62	0	0	34	0	0	0
Crdff	0	30	34	0	36	0	0	0
Derby	3	69	0	0	27	0	0	0
Extr	2	29	37	0	30	0	1	0
Glouc	0	75	0	2	23	1	0	0
Guys	6	36	22	0	24	0	13	0
Heart	8	69	7	0	13	3	0	0
Hull	5	50	20	0	18	8	0	0
Leic	4	31	23	0	31	10	0	0
LGI	0	59	0	0	28	13	0	0
Livrpl	1	41	32	1	24	0	1	0
Notts	1	47	15	0	22	15	0	0
Oxfrd	6	65	0	0	21	8	0	0
Plym	2	72	0	0	27	0	0	0
Ports	1	38	33	0	28	0	0	0
Prstn	1	28	28	0	35	6	2	0
Redng	0	44	0	0	56	0	0	0
S Cleve	1	58	21	0	20	0	0	0
Sheff	8	49	20	0	23	0	0	0
Stevn	0	38	43	0	19	0	0	0
Sthend	1	86	0	0	13	0	0	0
St Jms	1	25	57	0	10	6	0	0
Sund	1	83	0	0	7	8	1	0
Swnse	2	36	28	0	32	0	1	0

Treatment centre	Non-diabetic dialysis modalities (all patients)							
	% on home HD	% on hospital HD	% on satellite HD	% on CAPD connect	% on CAPD disconnect	% on cycling PD ≥6 nights/wk	% on cycling PD <6 nights/wk	% on PD type unknown
Truro	0	76	0	0	21	3	0	0
Wolve	0	34	36	0	30	0	0	0
Words	2	52	0	0	45	0	0	0
Wrex	0	65	0	0	3	31	1	0
York	0	76	2	0	21	0	0	0
E&W	3	46	21	0	26	4	1	0

Table F.2.7: Treatment modalities for non-diabetic patients

Non-diabetic dialysis modalities (all patients)			
	No. on HD	No. on PD	No on Transplant
E&W	5327	2343	7819

Table F.2.8: Number of non-diabetic patients, by treatment modality

Treatment centre	Non-diabetic treatment modalities for patients aged under 65							
	% on home HD	% on hospital HD	% on satellite HD	% on CAPD connect	% on CAPD disconnect	% on cycling PD ≥6 nights/wk	% on cycling PD <6 nights/wk	% on PD Type Unknown
Bradf	0	60	0	0	31	10	0	0
Bristol	19	21	33	0	24	3	1	0
Camb	6	35	0	0	58	0	1	0
Carls	0	55	0	0	41	3	0	0
Carsh	3	47	17	0	17	16	0	0
Covnt	7	59	0	0	34	0	0	0
Crdff	0	27	28	0	45	0	0	0
Derby	5	62	0	0	32	0	0	0
Extr	3	28	27	0	39	0	2	0
Glouc	0	65	0	0	33	2	0	0
Guys	9	36	17	0	26	0	12	0
Heart	13	63	6	0	15	4	0	0
Hull	7	50	9	0	22	11	0	0
Leic	7	31	19	0	31	12	0	0
LGI	0	48	0	0	34	18	0	0
Livrpl	1	33	36	0	28	1	1	0
Notts	1	43	14	0	21	20	0	0
Oxfrd	10	56	0	0	23	11	0	0
Plym	3	61	0	0	36	0	0	0
Ports	1	37	34	0	29	0	0	0
Prstn	2	27	23	0	38	10	0	0
Redng	0	40	0	0	60	0	0	0
S Cleve	1	55	14	0	30	0	0	0
Sheff	11	47	20	0	21	0	0	0
Stevn	0	39	38	0	23	0	0	0
Sthend	0	84	0	0	16	0	0	0
St Jms	2	28	49	0	15	6	0	0
Sund	2	79	0	0	2	14	2	0
Swmse	4	30	23	0	41	0	2	0
Truro	0	68	0	0	27	5	0	0

Non-diabetic treatment modalities for patients aged under 65								
Treatment centre	% on home HD	% on hospital HD	% on satellite HD	% on CAPD connect	% on CAPD disconnect	% on cycling PD ≥6 nights/wk	% on cycling PD <6 nights/wk	% on PD Type Unknown
Wolve	0	39	34	0	26	1	0	0
Words	4	45	0	0	51	0	0	0
Wrex	0	55	0	0	5	38	2	0
York	0	68	5	0	28	0	0	0
E&W	5	42	18	0	29	5	1	0

Table F 2.9: Treatment modalities for non-diabetic patients aged under 65

Non-diabetic dialysis modalities for patients aged <65			
	No. on HD	No. on PD	No. on transplant
E&W	2776	1480	6747

Table F.2.10: Number of non-diabetic patients aged under 65, by treatment modality

Non-diabetic treatment modalities for patients aged over 65								
Treatment centre	% on home HD	% on hospital HD	% on satellite HD	% on CAPD standard	% on CAPD disconnect	% on cycling PD ≥6 nights/wk	% on cycling PD <6 nights/wk	% on PD type unknown
Bradf	0	71	0	0	21	9	0	0
Bristol	1	19	63	0	15	2	0	0
Camb	1	53	0	0	45	0	0	0
Carls	0	66	6	0	28	0	0	0
Carsh	3	40	14	0	24	19	0	0
Covnt	0	65	0	0	35	0	0	0
Crdf	0	33	41	0	26	0	0	0
Derby	0	80	0	0	20	0	0	0
Extr	0	31	52	0	18	0	0	0
Glouc	0	82	0	3	15	0	0	0
Guys	1	35	29	0	22	0	14	0
Heart	2	76	9	0	10	2	0	0
Hull	1	48	35	0	11	4	0	0
Leic	1	32	29	0	32	6	0	0
LGI	0	76	0	0	18	5	0	0
Livrpl	0	54	24	2	19	0	1	1
Notts	1	52	17	0	23	8	0	0
Oxfrd	3	73	0	0	19	6	0	0
Plym	0	86	0	0	14	0	0	0
Ports	0	39	33	0	27	0	0	0
Prstn	0	29	37	0	29	1	4	0
Redng	0	49	0	0	51	0	0	0
S Cleve	0	62	29	0	9	0	0	0
Sheff	2	53	19	0	26	0	0	0
Stevn	0	36	47	0	16	0	0	0
Sthend	2	88	0	0	10	0	0	0
St Jms	0	22	70	0	4	5	0	0
Sund	0	87	0	0	11	2	0	0
Swnse	1	42	33	0	25	0	0	0
Truro	0	82	0	0	17	2	0	0

Non-diabetic treatment modalities for patients aged over 65								
Treatment centre	% on home HD	% on hospital HD	% on satellite HD	% on CAPD standard	% on CAPD disconnect	% on cycling PD ≥6 nights/wk	% on cycling PD <6 nights/wk	% on PD type unknown
Wolve	0	28	37	0	34	0	0	0
Words	0	63	0	0	38	0	0	0
Wrex	0	76	0	0	0	24	0	0
York	0	84	0	0	16	0	0	0
E&W	1	50	24	0	22	2	1	0

Table F.2.11: Treatment modalities for non-diabetic patients aged over 65

Non-diabetic dialysis modalities for patients aged 65 and over			
	No. on HD	No. on PD	No. on transplant
E&W	2551	863	1072

Table F.2.12: Number of non-diabetic patients aged over 65, by treatment modality

Diabetic patient dialysis modalities								
Treatment centre	% on home HD	% on hospital HD	% on satellite HD	% on CAPD standard	% on CAPD disconnect	% on cycling PD ≥6 nights/wk	% on cycling PD <6 nights/wk	% on PD type unknown
Bradf	0	58	0	0	19	23	0	0
Bristl	3	27	48	0	18	3	0	0
Camb	0	44	0	0	56	0	0	0
Carls	0	62	8	0	15	15	0	0
Carsh	0	25	22	0	25	28	0	0
Covnt	0	62	0	0	38	0	0	0
Crdff	0	26	50	0	24	0	0	0
Derby	0	60	0	0	40	0	0	0
Extr	0	30	30	0	39	0	0	0
Glouc	0	69	0	0	31	0	0	0
Guys	0	40	18	0	34	0	8	0
Heart	0	67	10	0	24	0	0	0
Hull	0	49	24	0	15	12	0	0
Leic	1	42	16	0	33	8	0	0
LGI	0	61	0	0	26	13	0	0
Livrpl	0	51	22	1	23	0	2	0
Notts	0	51	15	0	26	8	0	0
Oxfrd	1	48	0	0	31	19	0	0
Plym	0	55	0	0	45	0	0	0
Ports	0	32	28	0	40	0	0	0
Prstn	0	31	31	0	33	4	0	0
Redng	0	33	0	0	67	0	0	0
S Cleve	3	63	18	0	18	0	0	0
Sheff	4	51	12	0	32	1	0	0
Stevn	0	35	38	0	28	0	0	0
Sthend	0	75	0	0	25	0	0	0
St Jms	0	36	45	0	17	2	0	0
Sund	0	88	0	0	6	6	0	0

Treatment centre	Diabetic patient dialysis modalities							
	% on home HD	% on hospital HD	% on satellite HD	% on CAPD standard	% on CAPD disconnect	% on cycling PD ≥6 nights/wk	% on cycling PD <6 nights/wk	% on PD type unknown
Swmse	2	29	22	0	47	0	0	0
Truro	0	79	0	0	16	5	0	0
Wolve	0	35	38	0	27	0	0	0
Words	0	42	0	0	58	0	0	0
Wrex	0	71	0	0	0	29	0	0
York	0	60	0	0	40	0	0	0
E&W	1	46	18	0	30	5	1	0

Table F.2.13: Treatment modalities for diabetic patients

Diabetic patient dialysis modalities			
	No. on HD	No. on PD	No. on transplant
E&W	5327	2343	7819

Table F.2.14: Number of diabetic patients, by treatment modality

Centre	Median age on 31 Dec 01	Median age at start of treatment	% with age known at start of treat	M:F ratio	Median time on ESRF treatment	
					In days	In years
Bradf	54	51		1	545	1
Bristol	55	53		1	1088	3
Camb	49	42		1	1258	3
Carls	59	57		1	1413	4
Carsh	53	47		1	1503	4
Covnt	51	47		1	906	2
Crdff	55	53		2	1158	3
Derby	57	56		3	263	1
Extr	59	56		2	931	3
Glouc	57	53		1	963	3
Guys	55	53		1	1044	3
Heart	60	56		1	667	2
Hull	57	55		1	752	2
Leic	54	51		2	1153	3
LGI	51	49		1	747	2
Livrpl	55	50		2	827	2
Notts	58	54		1	1092	3
Oxfrd	52	48		1	1112	3
Plym	54	52		1	962	3
Ports	53	48		1	1265	3
Prstn	64	58		2	515	1
Redng	54	53		2	630	2
S Cleve	58	57		2	514	1
Sheff	54	50		3	816	2
Stevn	58	55		1	894	2
Sthend	59	56		2	812	2
St Jms	52	49		1	1098	3
Sund	49	49		3	1005	3
Swmse	61	57		1	699	2
Truro	65	65		1	776	2
Wolve	60	57		2	969	3

Centre	Median age on 31 Dec 01	Median age at start of treatment	% with age known at start of treat	M:F ratio	Median time on ESRF treatment	
					In days	In years
					Words	61
Wrex	52	48		2	1311	4
York	47	47		1	291	1
E&W	42	41		1	427	1

Table F.2.15: Diabetics

Treatment	% of			No. of	No. of	No.	Male to Female
Centre	% of males	females	% unknown	males	females	unknown	Ratio
E&W	62.6	37.4	0.0	545.0	325.0	0.0	1.7

Table F.2.16: Transplant gender ratio

F:3 Haemoglobin

Age (years) Group	18–34	35–44	45–54	55–64	65–74	75+
% on EPO	88	81	79	83	83	85
% Hb > 10 g/dl no EPO	8 (21)	16 (60)	15 (74)	12 (82)	12 (105)	10 (66)
% Hb < 10 g/dl on EPO	90 (53)	91 (73)	82 (87)	85 (118)	84 (139)	92 (102)

Table F.3.1: Erythropoietin (EPO) prescription, by age, in haemodialysis patients

F:4 Cause of Death

	Count			Percentage		
	<65	65+	Total	<65	65+	Total
Myocardial ischaemia and infarction [11]	320	552	872	18.1%	17.5%	17.7%
Hyperkalaemia [12]	17	1	18	1.0%	0.0%	0.4%
Haemorrhagic pericarditis [13]	3	1	4	0.2%	0.0%	0.1%
Other causes of cardiac failure [14]	74	115	189	4.2%	3.6%	3.8%
Cardiac arrest/sudden death; other cause or unknown [15]	158	210	368	8.9%	6.6%	7.5%
Hypertensive cardiac failure [16]	10	13	23	0.6%	0.4%	0.5%
Hypokalaemia [17]		1	1	0.0%	0.0%	0.0%
Fluid overload/pulmonary oedema [18]	26	33	59	1.5%	1.0%	1.2%
Pulmonary embolus [21]	9	15	24	0.5%	0.5%	0.5%
Cerebrovascular accident, other cause or unspecified [22]	159	239	398	9.0%	7.6%	8.1%
Gastrointestinal haemorrhage (digestive) [23]	21	47	68	1.2%	1.5%	1.4%
Haemorrhage from graft site [24]	5	1	6	0.3%	0.0%	0.1%
Haemorrhage from vascular access or dialysis circuit [25]	1	6	7	0.1%	0.2%	0.1%
Haemorrhage from ruptured vascular aneurysm (not code 22 or 23) [26]	18	32	50	1.0%	1.0%	1.0%
Haemorrhage from surgery (not codes 23, 24, 26) [27]	2	1	3	0.1%	0.0%	0.1%
Other haemorrhage (not codes 23-27) [28]	16	22	38	0.9%	0.7%	0.8%
Mesenteric infarction [29]	8	20	28	0.5%	0.6%	0.6%
Pulmonary infection bacterial (not code 73) [31]	102	244	346	5.8%	7.7%	7.0%
Pulmonary infection (viral) [32]	2	3	5	0.1%	0.1%	0.1%
Pulmonary infection (fungal or protozoal; parasitic) [33]	1	1	2	0.1%	0.0%	0.0%
Infections elsewhere except viral hepatitis	17	27	44	1.0%	0.9%	0.9%
Septicaemia [35]	158	197	355	8.9%	6.2%	7.2%
Tuberculosis (lung) [36]	1	2	3	0.1%	0.1%	0.1%

	Count			Percentage		
	<65	65+	Total	<65	65+	Total
Tuberculosis (elsewhere) [37]	3	1	4	0.2%	0.0%	0.1%
Generalised viral infection [38]	1	2	3	0.1%	0.1%	0.1%
Peritonitis (all causes except for peritoneal dialysis) [39]	33	70	103	1.9%	2.2%	2.1%
Liver disease due to hepatitis B virus [41]	1	1	2	0.1%	0.0%	0.0%
Liver disease due to other viral hepatitis [42]	1		1	0.1%	0.0%	0.0%
Cirrhosis – not viral (alcoholic or other cause) [44]	4	1	5	0.2%	0.0%	0.1%
Cystic liver disease [45]	1		1	0.1%	0.0%	0.0%
Liver failure – cause unknown [46]	2	1	3	0.1%	0.0%	0.1%
Patient refused further treatment for ESRF [51]	28	113	141	1.6%	3.6%	2.9%
Suicide [52]	10		10	0.6%	0.0%	0.2%
ESRF treatment ceased for any other reason [53]	54	231	285	3.1%	7.3%	5.8%
ESRF treatment withdrawn for medical reasons [54]	34	156	190	1.9%	4.9%	3.9%
Uraemia caused by graft failure [61]		2	2	0.0%	0.1%	0.0%
Pancreatitis [62]	4	1	5	0.2%	0.0%	0.1%
Bone marrow depression (aplasia) [63]		2	2	0.0%	0.1%	0.0%
Cachexia [64]	17	23	40	1.0%	0.7%	0.8%
Malignant disease in patient treated by immunosuppressive therapy [66]	9	10	19	0.5%	0.3%	0.4%
Malignant disease: solid tumors except those of 66 [67]	105	173	278	5.9%	5.5%	5.6%
Malignant disease: lymphoproliferative disorders (except 66) [68]	9	18	27	0.5%	0.6%	0.5%
Dementia [69]	7	14	21	0.4%	0.4%	0.4%
Peritonitis (sclerosing, with peritoneal dialysis) [70]	9	3	12	0.5%	0.1%	0.2%
Perforation of peptic ulcer [71]	5	4	9	0.3%	0.1%	0.2%
Perforation of colon [72]	5	15	20	0.3%	0.5%	0.4%
Chronic obstructive pulmonary disease [73]	10	27	37	0.6%	0.9%	0.8%
Accident related to ESRF treatment (not 25) [81]		5	5	0.0%	0.2%	0.1%
Accident unrelated to ESRF treatment [82]	3	5	8	0.2%	0.2%	0.2%
Other identified cause of death [99] uncertain/not determined [0]	274	484	758	15.5%	15.3%	15.4%
Peritonitis (bacterial, with peritoneal dialysis) [100]	10	13	23	0.6%	0.4%	0.5%
Peritonitis (fungal, with peritoneal dialysis) [101]		1	1	0.0%	0.0%	0.0%
Peritonitis (due to other cause, with peritoneal dialysis) [102]		1	1	0.0%	0.0%	0.0%
					100.0	
	1767	3160	4927	100.0%	%	100.0%

Table F.4.1: Cause of death, by European Dialysis and Transplant Association code, in dialysis patients

DIALYSIS	Cerebro-vascular accident	ESRF trt stopped	Heart	Infection	Malignancy	Others	Uncertain or not determined	Total	Cerebro-vascular trt accident	ESRF stopped	Heart	Infection	Malignancy	Others	Uncertain or not determined	Total	Med age at start	Med age at death	Med age at start
Chronic renal failure; 89 aetiology uncertain [0]		154	366	231	78	119	187	1224	7.3%	12.6%	29.9%	18.9%	6.4%	9.7%	15.3%	100.0%	68.0	71.0	65
Glomerulonephritis; 30 histologically not examined [10]		22	110	45	23	32	40	302	9.9%	7.3%	36.4%	14.9%	7.6%	10.6%	13.2%	100.0%	54.0	62.0	49
Focal segmental glomerulosclerosis with nephrotic syndrome in children [11]			2	1	1	1		5	0.0%	0.0%	40.0%	20.0%	20.0%	20.0%	0.0%	100.0%	18.0	21.0	45.5
IgA nephropathy (proven by immunofluorescence, not code 76 and not 85) [12]	4	5	26	8	10	8	11	72	5.6%	6.9%	36.1%	11.1%	13.9%	11.1%	15.3%	100.0%	59.0	62.5	44
Dense deposit disease; membranoproliferative GN; type II (proven by immunofluorescence and/or electron microscopy) [13]	1	1	3	1	2	2		10	10.0%	10.0%	30.0%	10.0%	20.0%	20.0%	0.0%	100.0%	58.5	64.5	32
Membranous nephropathy [14]	13	3	19	11	5	5	3	59	22.0%	5.1%	32.2%	18.6%	8.5%	8.5%	5.1%	100.0%	64.0	66.0	60
Membrano-proliferative GN; type I (proven by immunofluorescence and/or electron microscopy – not code 84 or 89) [15]	5	5	16	8	7	6	7	54	9.3%	9.3%	29.6%	14.8%	13.0%	11.1%	13.0%	100.0%	58.5	63.0	45.5
Crescentic (extracapillary) glomerulonephritis (type I, II, III) [16]	6	2	9	8	3	4	11	43	14.0%	4.7%	20.9%	18.6%	7.0%	9.3%	25.6%	100.0%	68.0	70.0	61
Focal segmental glomerulosclerosis with nephrotic syndrome in adults [17]		2	5	2		1	1	11	0.0%	18.2%	45.5%	18.2%	0.0%	9.1%	9.1%	100.0%	59.5	65.0	44

DIALYSIS	Cerebro-vascular accident	ESRF trt stopped	Heart	Infection	Malignancy	Others	Uncertain or not determined	Total	Cerebro-vascular trt accident	ESRF stopped	Heart	Infection	Malignancy	Others	Uncertain or not determined	Total	Med age at start	Med age at death	Med age at start
Glomerulonephritis; histologically examined, not given above [19]	24	15	104	49	19	35	34	280	8.6%	5.4%	37.1%	17.5%	6.8%	12.5%	12.1%	100.0%	54.0	61.0	48
Pyelonephritis – cause not specified [20]	20	23	67	41	15	35	32	233	8.6%	9.9%	28.8%	17.6%	6.4%	15.0%	13.7%	100.0%	50.0	60.0	44.5
Pyelonephritis associated with neurogenic bladder [21]	3	2	5	6	3	2	6	27	11.1%	7.4%	18.5%	22.2%	11.1%	7.4%	22.2%	100.0%	32.0	43.0	36
Pyelonephritis due to congenital obstructive uropathy with/without vesico-ureteric reflux [22]	4	4	8	4	4	6	5	35	11.4%	11.4%	22.9%	11.4%	11.4%	17.1%	14.3%	100.0%	42.0	48.0	34
Pyelonephritis due to acquired obstructive uropathy [23]	18	43	77	30	32	27	30	257	7.0%	16.7%	30.0%	11.7%	12.5%	10.5%	11.7%	100.0%	71.0	74.0	70
Pyelonephritis due to vesico-ureteric reflux without obstruction [24]	4	2	19	12	4	8	5	54	7.4%	3.7%	35.2%	22.2%	7.4%	14.8%	9.3%	100.0%	41.0	52.5	34
Pyelonephritis due to urolithiasis [25]	5	8	23	16	4	7	8	71	7.0%	11.3%	32.4%	22.5%	5.6%	9.9%	11.3%	100.0%	63.0	68.0	63
Pyelonephritis due to other cause [29]	4	1	8	11	2		2	28	14.3%	3.6%	28.6%	39.3%	7.1%	0.0%	7.1%	100.0%	65.0	71.0	59.5
Interstitial nephritis (not pyelonephritis) due to other cause, or unspecified (not mentioned above) [30]	2	7	4	6	3	5	2	29	6.9%	24.1%	13.8%	20.7%	10.3%	17.2%	6.9%	100.0%	66.0	68.0	61
Nephropathy (interstitial) due to analgesic drugs [31]	4	2	10	6	1	6	5	34	11.8%	5.9%	29.4%	17.6%	2.9%	17.6%	14.7%	100.0%	56.0	63.5	61
Nephropathy (interstitial) due to cyclosporin A [33]	2		10	3	2	2	3	22	9.1%	0.0%	45.5%	13.6%	9.1%	9.1%	13.6%	100.0%	50.5	53.0	55
Drug induced nephropathy (interstitial) not mentioned above [39]		1	7	4	2	2	2	18	0.0%	5.6%	38.9%	22.2%	11.1%	11.1%	11.1%	100.0%	56.5	59.5	57

DIALYSIS	Cerebro-vascular accident	ESRF trt stopped	Heart	Infection	Malignancy	Others	Uncertain or not determined	Total	Cerebro-vascular accident	ESRF trt stopped	Heart	Infection	Malignancy	Others	Uncertain or not determined	Total	Med age at start	Med age at death	Med age at start
Cystic kidney disease 2 – type unspecified [40]			11	7	1	2	1	24	8.3%	0.0%	45.8%	29.2%	4.2%	8.3%	4.2%	100.0%	56.5	59.5	63.5
Polycystic kidneys; adult type (dominant) [41]	29	24	102	58	25	49	53	340	8.5%	7.1%	30.0%	17.1%	7.4%	14.4%	15.6%	100.0%	56.0	63.0	53
Polycystic kidneys; infantile (recessive) [42]	1					1		2	50.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	100.0%	22.5	32.0	40.5
Medullary cystic disease; including nephronophthisis [43]			4	1	1	3		9	0.0%	0.0%	44.4%	11.1%	11.1%	33.3%	0.0%	100.0%	34.0	46.0	41
Cystic kidney disease 1 – other specified type [49]			2	1	1		1	6	16.7%	0.0%	33.3%	16.7%	16.7%	0.0%	16.7%	100.0%	46.0	50.5	64
Hereditary/familial nephropathy – type unspecified [50]			4	4	2	2	1	13	0.0%	0.0%	30.8%	30.8%	15.4%	15.4%	7.7%	100.0%	37.0	42.0	37
Hereditary nephritis with nerve deafness (Alport's syndrome) [51]			4	3	2			9	0.0%	0.0%	44.4%	33.3%	22.2%	0.0%	0.0%	100.0%	30.0	45.0	27.5
Cystinosis [52]	1			1				2	50.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	100.0%	62.0	68.0	21
Primary oxalosis [53]				1				1	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%	43.0	45.0	22
Fabry's disease [54]			1		1			2	0.0%	0.0%	50.0%	0.0%	50.0%	0.0%	0.0%	100.0%	43.0	51.5	40
Hereditary nephropathy – other specified type [59]					1		1	2	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	50.0%	100.0%	58.5	61.5	32
Renal hypoplasia (congenital) – type unspecified [60]		1	3	3	1	2		10	0.0%	10.0%	30.0%	30.0%	10.0%	20.0%	0.0%	100.0%	24.0	33.0	38
Congenital renal dysplasia with or without urinary tract malformation [63]			8	3		1	2	14	0.0%	0.0%	57.1%	21.4%	0.0%	7.1%	14.3%	100.0%	26.5	34.5	28
Renal vascular disease – type unspecified [70]	15	25	85	41	6	30	25	227	6.6%	11.0%	37.4%	18.1%	2.6%	13.2%	11.0%	100.0%	70.0	72.0	70

DIALYSIS	Cerebro-vascular accident	ESRF trt stopped	Heart	Infection	Malignancy	Others	Uncertain or not determined	Total	Cerebro-vascular accident	ESRF trt stopped	Heart	Infection	Malignancy	Others	Uncertain or not determined	Total	Med age at start	Med age at death	Med age at start
Renal vascular disease due to malignant hypertension [71]	11	7	36	12	8	12	19	105	10.5%	6.7%	34.3%	11.4%	7.6%	11.4%	18.1%	100.0%	56.0	62.0	51
Renal vascular disease due to hypertension [72]	30	35	133	50	18	40	73	379	7.9%	9.2%	35.1%	13.2%	4.7%	10.6%	19.3%	100.0%	65.0	69.0	63
Renal vascular disease due to polyarteritis [73]	5	10	21	17	4	10	10	77	6.5%	13.0%	27.3%	22.1%	5.2%	13.0%	13.0%	100.0%	65.0	69.0	65
Wegener's granulomatosis [74]	5	16	14	20	2	10	8	75	6.7%	21.3%	18.7%	26.7%	2.7%	13.3%	10.7%	100.0%	70.0	72.0	65
Ischaemic renal disease/cholesterol embolism [75]	2	2	14	5	1	4	2	30	6.7%	6.7%	46.7%	16.7%	3.3%	13.3%	6.7%	100.0%	68.0	69.0	72
Renal vascular disease – due to other cause (not given above and not code 84-88) [79]	5	19	37	13	7	9	2	92	5.4%	20.7%	40.2%	14.1%	7.6%	9.8%	2.2%	100.0%	72.0	73.0	72
Type 1 diabetes with diabetic nephropathy [80]	55	67	273	115	18	48	115	691	8.0%	9.7%	39.5%	16.6%	2.6%	6.9%	16.6%	100.0%	54.0	57.0	52
Type 2 diabetes with diabetic nephropathy [81]	29	36	130	63	5	22	47	332	8.7%	10.8%	39.2%	19.0%	1.5%	6.6%	14.2%	100.0%	65.0	67.0	65
Myelomatosis/light chain deposit disease [82]	12	28	18	30	72	11	19	190	6.3%	14.7%	9.5%	15.8%	37.9%	5.8%	10.0%	100.0%	68.0	69.0	68
Amyloid [83]	11	16	38	30	9	18	20	142	7.7%	11.3%	26.8%	21.1%	6.3%	12.7%	14.1%	100.0%	64.0	65.5	63
Lupus erythematosus [84]	2	2	18	11	1	4	6	44	4.5%	4.5%	40.9%	25.0%	2.3%	9.1%	13.6%	100.0%	42.5	50.0	35
Henoch Schoenlein purpura [85]	2	2	6	3	2	1	3	19	10.5%	10.5%	31.6%	15.8%	10.5%	5.3%	15.8%	100.0%	47.0	59.0	36
Goodpasture's Syndrome [86]	3	6	10	3	3	3	3	25	0.0%	12.0%	24.0%	40.0%	12.0%	0.0%	12.0%	100.0%	65.0	68.0	59
Systemic sclerosis (scleroderma) [87]	2	1	6	3	1	1	3	17	11.8%	5.9%	35.3%	17.6%	5.9%	5.9%	17.6%	100.0%	56.0	58.0	63
Haemolytic uraemic syndrome (including Moschowitz Syndrome) [88]	2	1	1	2	3	3	3	12	16.7%	8.3%	8.3%	16.7%	25.0%	0.0%	25.0%	100.0%	60.5	65.5	33

DIALYSIS	Cerebro-vascular accident	ESRF trt stopped	Heart	Infection	Malignancy	Others	Uncertain or not determined	Total	Cerebro-vascular accident	ESRF trt stopped	Heart	Infection	Malignancy	Others	Uncertain or not determined	Total	Med age at start	Med age at death	Med age at start
Multisystem disease – other (not mentioned above) [89]		3	2	4	3	1	3	16	0.0%	18.8%	12.5%	25.0%	18.8%	6.3%	18.8%	100.0%	65.0	67.5	64
Tubular necrosis (irreversible) or cortical necrosis (different from 88) [90]	1	3	16	10	3	1	7	41	2.4%	7.3%	39.0%	24.4%	7.3%	2.4%	17.1%	100.0%	69.0	70.0	66.5
Tuberculosis [91]		1	4	2	1	3	3	14	0.0%	7.1%	28.6%	14.3%	7.1%	21.4%	21.4%	100.0%	63.0	66.5	49.5
Gout nephropathy (urate) [92]			1	2		1	1	5	0.0%	0.0%	20.0%	40.0%	0.0%	20.0%	20.0%	100.0%	59.0	59.0	45.5
Nephrocalcinosis and hypercalcaemic nephropathy [93]		1	4	4	4	1		14	0.0%	7.1%	28.6%	28.6%	28.6%	7.1%	0.0%	100.0%	60.5	65.0	50.5
Kidney tumour [95]	3	2	7	6	21		8	47	6.4%	4.3%	14.9%	12.8%	44.7%	0.0%	17.0%	100.0%	67.0	70.0	65
Traumatic or surgical loss of kidney [96]		4	5	3	6	4	2	24	0.0%	16.7%	20.8%	12.5%	25.0%	16.7%	8.3%	100.0%	63.0	67.0	59
Other identified renal disorders [99]	5	14	20	22	8	6	9	84	6.0%	16.7%	23.8%	26.2%	9.5%	7.1%	10.7%	100.0%	62.0	64.0	59
Code not sent [199]	16	34	59	45	12	24	43	233	6.9%	14.6%	25.3%	19.3%	5.2%	10.3%	18.5%	100.0%	69.0	71.0	68
TOTAL	485	659	1991	1108	473	634	887	6237	7.8%	10.6%	31.9%	17.8%	7.6%	10.2%	14.2%	100.0%	63.0	66.0	59

Table F.4.2: Cause of death by primary renal diagnosis

TRANSPLANT	Count			Percent		
	<55	55+	Total	<55	55+	Total
Myocardial ischaemia and infarction [11]	123	168	291	20.8%	23.4%	22.2%
Hyperkalaemia [12]	11	3	14	1.9%	0.4%	1.1%
Haemorrhagic pericarditis [13]	2		2	0.3%	0.0%	0.2%
Other causes of cardiac failure [14]	31	43	74	5.2%	6.0%	5.6%
Cardiac arrest/sudden death; other cause or unknown [15]	48	44	92	8.1%	6.1%	7.0%
Hypertensive cardiac failure [16]	8	2	10	1.4%	0.3%	0.8%
Fluid overload/pulmonary oedema [18]	10	3	13	1.7%	0.4%	1.0%
Pulmonary embolus [21]	11	9	20	1.9%	1.3%	1.5%
Cerebrovascular accident, other cause or unspecified [22]	41	46	87	6.9%	6.4%	6.6%
Gastrointestinal haemorrhage (digestive) [23]	11	6	17	1.9%	0.8%	1.3%
Haemorrhage from graft site [24]	6	1	7	1.0%	0.1%	0.5%
Haemorrhage from ruptured vascular aneurysm (not code 22 or 23) [26]	7	9	16	1.2%	1.3%	1.2%
Haemorrhage from surgery (not codes 23, 24, 26) [27]	1	4	5	0.2%	0.6%	0.4%
Other haemorrhage (not codes 23-27) [28]	4	4	8	0.7%	0.6%	0.6%
Mesenteric infarction [29]	4	10	14	0.7%	1.4%	1.1%
Pulmonary infection bacterial (not code 73) [31]	29	48	77	4.9%	6.7%	5.9%
Pulmonary infection (viral) [32]	7	1	8	1.2%	0.1%	0.6%
Pulmonary infection (fungal or protozoal; parasitic) [33]	5	4	9	0.8%	0.6%	0.7%
Infections elsewhere except viral hepatitis [34]	11	4	15	1.9%	0.6%	1.1%
Septicaemia [35]	47	54	101	7.9%	7.5%	7.7%
Generalised viral infection [38]	7	5	12	1.2%	0.7%	0.9%
Peritonitis (all causes except for peritoneal dialysis) [39]	10	10	20	1.7%	1.4%	1.5%
Liver disease due to hepatitis B virus [41]		1	1	0.0%	0.1%	0.1%
Liver disease due to other viral hepatitis [42]		2	2	0.0%	0.3%	0.2%
Liver disease due to drug toxicity [43]	1	1	2	0.2%	0.1%	0.2%
Cirrhosis – not viral (alcoholic or other cause) [44]		1	1	0.0%	0.1%	0.1%
Patient refused further treatment for ESRF [51]	10	7	17	1.7%	1.0%	1.3%
Suicide [52]	6	3	9	1.0%	0.4%	0.7%
ESRF treatment ceased for any other reason [53]	5	9	14	0.8%	1.3%	1.1%
ESRF treatment withdrawn for medical reasons [54]	4	8	12	0.7%	1.1%	0.9%
Uraemia caused by graft failure [61]	3	1	4	0.5%	0.1%	0.3%
Pancreatitis [62]	8	1	9	1.4%	0.1%	0.7%
Bone marrow depression (aplasia) [63]	1		1	0.2%	0.0%	0.1%
Cachexia [64]	1	2	3	0.2%	0.3%	0.2%
Malignant disease in patient treated by immunosuppressive therapy [66]	27	52	79	4.6%	7.2%	6.0%
Malignant disease: solid tumors except those of 66 [67]	21	47	68	3.5%	6.5%	5.2%
Malignant disease: lymphoproliferative disorders (except 66) [68]	2		2	0.3%	0.0%	0.2%
Dementia [69]		4	4	0.0%	0.6%	0.3%
Peritonitis (sclerosing, with peritoneal dialysis) [70]	2	1	3	0.3%	0.1%	0.2%
Perforation of peptic ulcer [71]	2		2	0.3%	0.0%	0.2%
Perforation of colon [72]	1	5	6	0.2%	0.7%	0.5%
Chronic obstructive pulmonary disease [73]	4	6	10	0.7%	0.8%	0.8%
Accident related to ESRF treatment (not 25) [81]		2	2	0.0%	0.3%	0.2%
Accident unrelated to ESRF treatment [82]	1	3	4	0.2%	0.4%	0.3%
Other identified cause of death [99] uncertain/not determined [0]	57	80	137	9.6%	11.1%	10.5%
Peritonitis (bacterial, with peritoneal dialysis) [100]	1	4	5	0.2%	0.6%	0.4%
Peritonitis (fungal, with peritoneal dialysis) [101]	1		1	0.2%	0.0%	0.1%
	592	718	1310	100.0%	100.0%	100.0%

Table F.4.3: Cause of death, by European Dialysis and Transplant Association code, in transplant patients

EDTA CODE	TITLE	Group
	0 Chronic renal failure; aetiology uncertain, unknown/unavailable [0]	Uncertain
10	Glomerulonephritis; histologically not examined [10]	Uncertain
11	Focal segmental glomerulosclerosis with nephrotic syndrome in children [11]	Glomerulonephritis
12	IgA nephropathy (proven by immunofluorescence, not code 76 and not 85) [12]	Glomerulonephritis
13	Dense deposit disease; membrano-proliferative GN; type II (proven by immunofluorescence and/or electron microscopy) [13]	Glomerulonephritis
14	Membranous nephropathy [14]	Glomerulonephritis
15	Membrano-proliferative GN; type I (proven by immunofluorescence and/or electron microscopy – not code 84 or 89) [15]	Glomerulonephritis
16	Crescentic (extracapillary) glomerulonephritis (type I, II, III) [16]	Glomerulonephritis
17	Focal segmental glomerulosclerosis with nephrotic syndrome in adults [17]	Glomerulonephritis
19	Glomerulonephritis; histologically examined, not given above [19]	Glomerulonephritis
20	Pyelonephritis – cause not specified [20]	Pyelonephritis
21	Pyelonephritis associated with neurogenic bladder [21]	Pyelonephritis
22	Pyelonephritis due to congenital obstructive uropathy with/without vesico-ureteric reflux [22]	Pyelonephritis
23	Pyelonephritis due to acquired obstructive uropathy [23]	Pyelonephritis
24	Pyelonephritis due to vesico-ureteric reflux without obstruction [24]	Pyelonephritis
25	Pyelonephritis due to urolithiasis [25]	Pyelonephritis
29	Pyelonephritis due to other cause [29]	Pyelonephritis
30	Interstitial nephritis (not pyelonephritis) due to other cause, or unspecified (not mentioned above) [30]	Interstitial
31	Nephropathy (interstitial) due to analgesic drugs [31]	Interstitial
32	Nephropathy (interstitial) due to cis-platinum [32]	Interstitial
33	Nephropathy (interstitial) due to cyclosporin A [33]	Interstitial
34	Lead induced nephropathy (interstitial) [34]	Interstitial
39	Drug-induced nephropathy (interstitial) not mentioned above [39]	Interstitial
40	Cystic kidney disease – type unspecified [40]	Cystic/poly
41	Polycystic kidneys; adult type (dominant) [41]	Cystic/poly
42	Polycystic kidneys; infantile (recessive) [42]	Cystic/poly
43	Medullary cystic disease; including nephronophthisis [43]	Other
49	Cystic kidney disease – other specified type [49]	Other
50	Hereditary/familial nephropathy – type unspecified [50]	Other
51	Hereditary nephritis with nerve deafness (Alport's syndrome) [51]	Other
52	Cystinosis [52]	Other
53	Primary oxalosis [53]	Other
54	Fabry's disease [54]	Other
59	Hereditary nephropathy – other specified type [59]	Other
60	Renal hypoplasia (congenital) – type unspecified [60]	Other
61	Oligomeganephronic hypoplasia [61]	Other
63	Congenital renal dysplasia with or without urinary tract malformation [63]	Other
66	Syndrome of agenesis of abdominal muscles (prune belly) [66]	Other
70	Renal vascular disease – type unspecified [70]	Renal vascular disease
71	Renal vascular disease due to malignant hypertension [71]	Renal vascular disease
72	Renal vascular disease due to hypertension [72]	Renal vascular disease
73	Renal vascular disease due to polyarteritis [73]	Renal vascular disease
74	Wegener's granulomatosis [74]	Other
75	Ischaemic renal disease/cholesterol embolism [75]	Other

EDTA CODE	TITLE	Group
76	Glomerulonephritis related to liver cirrhosis [76]	Other
78	Cryoglobulinaemic glomerulonephritis [78]	Other
79	Renal vascular disease – due to other cause (not given above and not code 84–88) [79]	Renal vascular disease
80	Type I diabetes with diabetic nephropathy [80]	Diabetes
81	Type II diabetes with diabetic nephropathy [81]	Diabetes
82	Myelomatosis/light chain deposit disease [82]	Malignancy
83	Amyloid [83]	Amyloid
84	Lupus erythematosus [84]	Other
85	Henoch Schoenlein purpura [85]	Other
86	Goodpasture’s syndrome [86]	Other
87	Systemic sclerosis (scleroderma) [87]	Other
88	Haemolytic uraemic syndrome (including Moschcowitz syndrome) [88]	Other
89	Multisystem disease – other (not mentioned above) [89]	Other
90	Tubular necrosis (irreversible) or cortical necrosis (different from 88) [90]	Other
91	Tuberculosis [91]	Other
92	Gout nephropathy (urate) [92]	Other
93	Nephrocalcinosis and hypercalcaemic nephropathy [93]	Other
94	Balkan nephropathy [94]	Other
95	Kidney tumour [95]	Other
96	Traumatic or surgical loss of kidney [96]	Other
99	Other identified renal disorders [99]	Other
199	Code not sent [199]	Other

Table F.4..4: Collation of European Dialysis and Transplant Association primary renal diagnoses