

May 20, 2003

**Annual Report 1998
ERA-EDTA Registry**

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Introductory remarks

This is an annual report in progress. Countries will be added one by one.

Section A relates to the countries collecting individual patient data, which are included in the ERA Registry database. Their data will be published after receipt of the data sets, subsequent analysis by the Registry office and the formal permission for publication from the country involved.

Section B relates to the countries collecting individual patient data, information via centre questionnaires or health authorities (not included in the ERA Registry database). Their data will be published after they have returned the completed tables to the ERA Registry office.

Section C provides the methods used in section A and B, the grouping of renal diseases, and the dates of receipt of the data sets on which the analyses in section A are based.

Section A Countries collecting individual patient data (included in ERA-EDTA registry database) May 20, 2003

A.1 AFFILIATED REGISTRY INFORMATION

Table A.1.1 General population of the country/region and percent coverage of general population in 1998

	General population In Thousands
Austria	8013.6
Belgium, Dutch-speaking	5912.4
Greece	10516.4
Norway	4431.5
Spain, Catalonia	6104.9
The Netherlands	15707.2

Section A Countries collecting individual patient data (included in ERA-EDTA registry database) May 20, 2003

Table A.1.2 Renal centres: total number of centres and number collaborating

	Total number of renal centres	Number of renal centres collaborating with the registry
Austria	61	61
Belgium, Dutch-speaking	29	29
Greece	105	105
Norway	19	19
Spain, Catalonia	43	43
The Netherlands	51	51

Section A Countries collecting individual patient data (included in ERA-EDTA registry database) May 20, 2003

A.2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 1998 (residents only) AT DAY 1

Table A.2.1 Incident counts and percentage, by age group and gender (at day 1)

		ALL		0-19		20-44		45-64		65-74		75+	
		N	%	N	%	N	%	N	%	N	%	N	%
Austria	Men	588	100	9	2	94	16	226	38	187	32	72	12
	Women	416	100	5	1	53	13	132	32	137	33	89	21
	All	1004	100	14	1	147	15	358	36	324	32	161	16
Belgium, Dutch-speaking	Men	456	100	5	1	54	12	140	31	153	34	104	23
	Women	362	100	3	1	34	9	102	28	126	35	97	27
	All	818	100	8	1	88	11	242	30	279	34	201	25
Greece	Men	815	100	10	1	112	14	274	34	285	35	117	14
	Women	441	100	6	1	58	13	160	36	146	33	62	14
	All	1256	100	16	1	170	14	434	35	431	34	179	14
Norway	Men	265	100	8	3	40	15	90	34	76	29	51	19
	Women	136	100	6	4	34	25	37	27	32	24	27	20
	All	401	100	14	3	74	18	127	32	108	27	78	19
Spain, Catalonia	Men	494	100	5	1	51	10	156	32	170	34	112	23
	Women	338	100	5	1	45	13	102	30	97	29	89	26
	All	832	100	10	1	96	12	258	31	267	32	201	24
The Netherlands	Men	897	100	22	2	146	16	319	36	263	29	147	16
	Women	565	100	16	3	98	17	204	36	161	28	86	15
	All	1462	100	38	3	244	17	523	36	424	29	233	16

* Percentages are row percentages
 Categories may not add up to total or to 100% because of missing values

Section A Countries collecting individual patient data (included in ERA-EDTA registry database) May 20, 2003

Table A.2.2 Gender, mean and median age of incident patients (at day 1)

		Gender	Age		
		%	Mean (Years)	(SD)	Median (Years)
Austria	Men	59	59.4	(15.4)	62.4
	Women	41	62.9	(15.5)	66.9
	All	100	60.9	(15.5)	64.2
Belgium, Dutch-speaking	Men	56	63.9	(15.1)	67.2
	Women	44	65.8	(14.4)	68.8
	All	100	64.7	(14.8)	67.8
Greece	Men	65	61.5	(14.9)	65.1
	Women	35	61.3	(14.9)	64.7
	All	100	61.4	(14.9)	65.0
Norway	Men	66	60.0	(16.7)	64.0
	Women	34	57.2	(19.9)	61.6
	All	100	59.1	(17.9)	63.6
Spain, Catalonia	Men	59	63.7	(15.0)	67.2
	Women	41	62.8	(16.8)	66.9
	All	100	63.3	(15.7)	67.1
The Netherlands	Men	61	59.3	(16.7)	63.2
	Women	39	58.1	(16.9)	61.2
	All	100	58.8	(16.8)	62.5

Section A Countries collecting individual patient data (included in ERA-EDTA registry database) May 20, 2003

Table A.2.3 Incident rates per million population, by age group and gender (at day 1, unadjusted)

		All	0-19	20-44	45-64	65-74	75+
		PMP	PMP	PMP	PMP	PMP	PMP
Austria	Men	151.6	9.5	61.2	243.5	665.4	388.7
	Women	100.6	5.5	35.5	137.4	361.7	222.1
	All	125.3	7.6	48.5	189.5	491.0	274.8
Belgium, Dutch-speaking	Men	156.3	7.1	49.2	197.4	581.7	748.2
	Women	120.8	4.4	32.1	145.0	406.8	390.2
	All	138.4	5.8	40.8	171.3	487.1	518.6
Greece	Men	157.2	8.2	57.8	220.4	572.2	409.8
	Women	82.7	5.2	30.3	124.0	251.4	156.9
	All	119.4	6.8	44.1	171.3	399.5	263.0
Norway	Men	120.9	13.6	48.8	180.3	473.9	404.4
	Women	60.7	10.8	43.1	75.6	171.8	124.4
	All	90.5	12.2	46.0	128.4	311.6	227.3
Spain, Catalonia	Men	165.6	7.7	42.7	220.7	622.4	709.6
	Women	108.3	8.1	38.6	139.0	293.8	322.6
	All	136.3	7.9	40.7	179.1	442.6	463.5
The Netherlands	Men	115.5	11.2	47.8	168.5	487.0	458.9
	Women	71.2	8.6	33.1	110.0	247.7	141.0
	All	93.1	9.9	40.6	139.5	356.3	250.5

Section A Countries collecting individual patient data (included in ERA-EDTA registry database)

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Table A.2.4 Incident rates per million population, by cause of renal failure (at day 1, unadjusted)

	Cause of renal failure																							
	ALL		GN		PN		PKD		DM				HT		RVD		Misc		Unkn		Missing			
	PMP %		PMP %		PMP %		PMP %		Type I %	Type II %	Both %	PMP %		PMP %		PMP %		PMP %		PMP %		PMP %		
Austria	125.3	100	17.3	14	6.6	5	4.4	3	8.1	6	30.2	24	38.3	31	8.4	7	10.5	8	25.2	20	14.6	12	0	0
Belgium, Dutch-speaking	138.4	100	13.7	10	9.6	7	8.5	6	13.4	10	17.8	13	31.1	22	11.0	8	18.4	13	31.8	23	14.2	10	0	0
Greece	119.4	100	18.7	16	8.3	7	6.7	6	7.9	7	16.7	14	24.6	21	8.4	7	3.2	3	10.4	9	39.2	33	0	0
Norway	90.5	100	20.5	23	7.9	9	9.0	10	5.0	5	4.3	5	9.3	10	18.1	20	1.8	2	20.5	23	3.4	4	0	0
Spain, Catalonia	136.3	100	19.2	14	12.8	9	9.3	7	6.1	4	20.8	15	26.9	20	14.1	10	11.1	8	13.8	10	29.0	21	0	0
The Netherlands	93.1	100	11.6	12	6.4	7	5.3	6	6.4	7	8.1	9	14.5	16	9.6	10	8.5	9	17.6	19	19.5	21	0	0

Abbreviations used: GN: Glomerulonephritis/sclerosis; PN: Pyelonephritis; PKD: Polycystic kidneys, adult type; DM: Diabetes mellitus; HT: Hypertension; RVD: Renal vascular disease; Misc: Miscellaneous; Unkn: Unknown. Categories may not add up to total or to 100% because of missing values

Table A.2.5 Incident rates per million population, by cause of renal failure (at day 1, adjusted for age and gender)

	Cause of renal failure											
	ALL	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
					Type I	Type II	Both					
					PMP	PMP	PMP					
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
Austria	129.3	17.8	6.7	4.4	7.9	30.9	38.8	8.7	11.9	26.0	15.1	0
Belgium, Dutch-speaking	136.7	13.2	9.7	8.2	12.8	17.3	30.1	11.4	19.2	30.5	14.4	0
Greece	113.1	17.7	8.1	6.4	7.7	15.2	22.9	7.9	3.1	9.8	37.2	0
Norway	97.0	22.5	8.1	9.8	5.0	4.7	9.7	19.7	2.0	21.8	3.4	0
Spain, Catalonia	132.4	18.8	12.0	9.2	6.0	19.4	25.4	14.0	11.2	13.3	28.4	0
The Netherlands	101.6	12.1	6.9	5.4	6.4	9.0	15.4	11.2	10.2	19.2	21.3	0

Abbreviations used: GN: Glomerulonephritis/sclerosis; PN: Pyelonephritis; PKD: Polycystic kidneys, adult type; DM: Diabetes mellitus; HT: Hypertension; RVD: Renal vascular disease; Misc: Miscellaneous; Unkn: Unknown.

Section A Countries collecting individual patient data (included in ERA-EDTA registry database) May 20, 2003

A.3 INCIDENT PATIENTS ACCEPTED FOR RRT IN 1998 (residents only) AT DAY 90

Table A.3.1 Incident counts and percentage, by age group and gender (at day 90)

		ALL		0-19		20-44		45-64		65-74		75+	
		N	%	N	%	N	%	N	%	N	%	N	%
Austria	Men	510	100	9	2	87	17	199	39	157	31	58	11
	Women	338	100	5	1	47	14	118	35	98	29	70	21
	All	848	100	14	2	134	16	317	37	255	30	128	15
Belgium, Dutch-speaking	Men	403	100	4	1	52	13	120	30	133	33	94	23
	Women	331	100	2	1	31	9	97	29	116	35	85	26
	All	734	100	6	1	83	11	217	30	249	34	179	24
Greece	Men	797	100	10	1	110	14	270	34	280	35	111	14
	Women	434	100	6	1	58	13	158	36	145	33	59	14
	All	1231	100	16	1	168	14	428	35	425	35	170	14
Norway	Men	242	100	7	3	39	16	84	35	65	27	47	19
	Women	128	100	6	5	34	27	35	27	29	23	24	19
	All	370	100	13	4	73	20	119	32	94	25	71	19
Spain, Catalonia	Men	467	100	5	1	50	11	152	33	159	34	101	22
	Women	314	100	4	1	44	14	101	32	86	27	79	25
	All	781	100	9	1	94	12	253	32	245	31	180	23
The Netherlands	Men	808	100	22	3	139	17	294	36	221	27	132	16
	Women	513	100	16	3	96	19	192	37	140	27	69	13
	All	1321	100	38	3	235	18	486	37	361	27	201	15

Percentages are row percentages

Categories may not add up to total or to 100% because of missing values

Section A Countries collecting individual patient data (included in ERA-EDTA registry database) May 20, 2003

Table A.3.2 Gender, mean and median age of incident patients (at day 90)

		Gender	Age		
		%	Mean (Years)	(SD)	Median (Years)
Austria	Men	60	58.7	(15.6)	61.6
	Women	40	61.9	(15.8)	64.9
	All	100	60.0	(15.7)	63.2
Belgium, Dutch-speaking	Men	55	63.7	(15.3)	67.3
	Women	45	65.6	(14.1)	68.2
	All	100	64.6	(14.8)	67.8
Greece	Men	65	61.4	(14.9)	65.0
	Women	35	61.1	(14.9)	64.6
	All	100	61.3	(14.9)	64.9
Norway	Men	65	59.7	(16.6)	63.4
	Women	35	56.2	(20.1)	60.2
	All	100	58.5	(17.9)	62.8
Spain, Catalonia	Men	60	63.3	(15.0)	66.8
	Women	40	62.2	(16.5)	66.0
	All	100	62.9	(15.6)	66.6
The Netherlands	Men	61	58.6	(17.0)	62.2
	Women	39	57.1	(17.1)	59.7
	All	100	58.0	(17.0)	61.4

Section A Countries collecting individual patient data (included in ERA-EDTA registry database) May 20, 2003

Table A.3.3 Incident rates per million population, by age group and gender (at day 90, unadjusted)

		ALL	0-19	20-44	45-64	65-74	75+
		PMP	PMP	PMP	PMP	PMP	PMP
Austria	Men	131.5	9.5	56.7	214.4	558.6	313.1
	Women	81.7	5.5	31.5	122.8	258.7	174.7
	All	105.8	7.6	44.2	167.8	386.4	218.4
Belgium, Dutch-speaking	Men	138.2	5.6	47.4	169.2	505.7	676.2
	Women	110.5	3.0	29.3	137.9	374.5	342.0
	All	124.1	4.3	38.5	153.6	434.7	461.9
Greece	Men	153.8	8.2	56.7	217.2	562.2	388.8
	Women	81.4	5.2	30.3	122.5	249.7	149.3
	All	117.1	6.8	43.6	169.0	394.0	249.8
Norway	Men	110.4	11.9	47.6	168.2	405.3	372.7
	Women	57.2	10.8	43.1	71.5	155.7	110.5
	All	83.5	11.4	45.4	120.3	271.2	206.9
Spain, Catalonia	Men	156.5	7.7	41.8	215.1	582.1	639.9
	Women	100.6	6.5	37.7	137.7	260.5	286.4
	All	127.9	7.1	39.8	175.6	406.1	415.0
The Netherlands	Men	104.0	11.2	45.5	155.3	409.2	412.1
	Women	64.6	8.6	32.5	103.5	215.4	113.1
	All	84.1	9.9	39.1	129.7	303.4	216.1

Section A Countries collecting individual patient data (included in ERA-EDTA registry database)

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Table A.3.4 Incident rates per million population, by cause of renal failure (at day 90, unadjusted)

	Cause of renal failure																							
	ALL		GN		PN		PKD		DM			HT		RVD		Misc		Unkn		Missing				
	PMP %		PMP %		PMP %		PMP %		Type I %	Type II %	Both %	PMP %		PMP %		PMP %		PMP %		PMP %				
Austria	105.8	100	16.5	16	5.7	5	4.2	4	7.5	7	24.8	23	32.3	31	7.4	7	8.6	8	18.7	18	12.4	12	0	0
Belgium, Dutch-speaking	124.1	100	12.7	10	8.8	7	8.3	7	12.0	10	16.4	13	28.4	23	10.7	9	16.7	13	27.1	22	11.5	9	0	0
Greece	117.1	100	18.5	16	8.0	7	6.6	6	7.8	7	16.5	14	24.2	21	8.4	7	2.9	3	10.2	9	38.2	33	0	0
Norway	83.5	100	19.2	23	7.2	9	8.8	11	4.7	6	4.1	5	8.8	11	16.9	20	1.8	2	17.4	21	3.4	4	0	0
Spain, Catalonia	127.9	100	18.3	14	12.3	10	9.3	7	5.7	4	19.7	15	25.4	20	12.8	10	10.2	8	12.0	9	27.5	22	0	0
The Netherlands	84.1	100	11.1	13	6.0	7	5.3	6	6.1	7	6.9	8	13.0	15	8.9	11	7.2	9	14.7	17	18.0	21	0	0

Abbreviations used: GN: Glomerulonephritis/sclerosis; PN: Pyelonephritis; PKD: Polycystic kidneys, adult type; DM: Diabetes mellitus; HT: Hypertension; RVD: Renal vascular disease; Misc: Miscellaneous; Unkn: Unknown. Categories may not add up to total or to 100% because of missing values

Table A.3.5 Incident rates per million population, by cause of renal failure (at day 90, adjusted for age and gender)

	Cause of renal failure											
	ALL	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
					Type I	Type II	Both					
					PMP	PMP	PMP					
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
Austria	109.3	17.0	5.7	4.3	7.2	25.5	32.7	7.7	9.9	19.3	12.7	0
Belgium, Dutch-speaking	122.2	12.2	8.7	8.0	11.5	15.8	27.4	10.9	17.3	25.9	11.9	0
Greece	111.0	17.6	7.8	6.3	7.6	14.9	22.6	7.9	2.9	9.6	36.2	0
Norway	89.1	20.9	7.5	9.5	4.8	4.4	9.2	18.3	2.0	18.3	3.4	0
Spain, Catalonia	124.3	18.2	11.5	9.2	5.7	18.2	23.9	12.7	10.1	11.6	26.9	0
The Netherlands	91.5	11.5	6.4	5.4	6.1	7.7	13.8	10.3	8.6	15.9	19.6	0

Abbreviations used: GN: Glomerulonephritis/sclerosis; PN: Pyelonephritis; PKD: Polycystic kidneys, adult type; DM: Diabetes mellitus; HT: Hypertension; RVD: Renal vascular disease; Misc: Miscellaneous; Unkn: Unknown.

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Table A.3.6 Incident counts, by established therapy (at day 90)

	ALL	Haemodialysis					Peritoneal dialysis				Transplant				Unknown	Missing	
		Hospital Centre	Home	HD type unknown	Haemofiltration (HF)	Haemodiafiltration (HDF)	Total HD/HF/HDF	APD	CAPD	PD type unknown	Total PD	Living	Cadaveric	Tx type unknown			Total Tx
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Austria	848	702	0	0	2	36	740	5	79	0	84	14	10	0	24	0	0
Belgium, Dutch-speaking	734	534	3	61	1	52	651	39	41	3	83	0	0	0	0	0	0
Greece	1231	1090	0	0	0	0	1090	3	132	2	137	2	2	0	4	0	0
Norway	370	253	0	0	0	1	254	14	48	0	62	35	19	0	54	0	0
Spain, Catalonia	781	692	0	0	.	.	692	29	47	0	76	2	11	0	13	0	0
The Netherlands	1321	813	1	0	.	.	814	76	393	0	469	18	20	0	38	0	0

": is unavailable

Table A.3.7 Incident rates per million population, by established therapy (at day 90, unadjusted)

	ALL	Haemodialysis						Peritoneal dialysis				Transplant				Unknown	Missing
		Hospital Centre	Home	HD type unknown	Haemofiltration (HF)	Haemodiafiltration (HDF)	Total HD/HF/HDF	APD	CAPD	PD type unknown	Total PD	Living	Cadaveric	Tx type unknown	Total Tx		
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
Austria	105.8	87.6	0	0	0.2	4.5	92.3	0.6	9.9	0	10.5	1.7	1.2	0	3.0	0	0
Belgium, Dutch-speaking	124.1	90.3	0.5	10.3	0.2	8.8	110.1	6.6	6.9	0.5	14.0	0	0	0	0	0	0
Greece	117.1	103.6	0	0	0	0	103.6	0.3	12.6	0.2	13.0	0.2	0.2	0	0.4	0	0
Norway	83.5	57.1	0	0	0	0.2	57.3	3.2	10.8	0	14.0	7.9	4.3	0	12.2	0	0
Spain, Catalonia	127.9	113.4	0	0	.	.	113.4	4.8	7.7	0	12.4	0.3	1.8	0	2.1	0	0
The Netherlands	84.1	51.8	0.1	0	.	.	51.8	4.8	25.0	0	29.9	1.1	1.3	0	2.4	0	0

": is unavailable

Section A Countries collecting individual patient data (included in ERA-EDTA registry database)

May 20, 2003

Table A.3.8 Incident rates, by established therapy (at day 90, adjusted for age and gender)

	ALL	Haemodialysis						Peritoneal dialysis				Transplant				Unknown	Missing	
		Hospital Centre	Home	HD type unknown	Haemofiltration (HF)	Haemodiafiltration (HDF)	Total HD/HF/HDF	APD	CAPD	PD type unknown	Total PD	Living	Cadaveric	Tx type unknown				Total Tx
														PMP	PMP			
Austria	109.3	90.5	0	0	0.3	4.6	95.4	0.7	10.2	0	10.9	1.8	1.2	0	0	3.0	0	0
Belgium, Dutch-speaking	122.2	89.2	0.5	10.3	0.2	8.3	108.5	6.4	6.9	0.5	13.8	0	0	0	0	0	0	0
Greece	111.0	98.1	0	0	0	0	98.1	0.3	12.1	0.2	12.5	0.2	0.2	0	0	0.4	0	0
Norway	89.1	60.5	0	0	0	0.3	60.7	3.4	11.8	0	15.2	8.5	4.7	0	0	13.2	0	0
Spain, Catalonia	124.3	110.4	0	0	.	.	110.4	4.5	7.1	0	11.7	0.4	1.8	0	0	2.2	0	0
The Netherlands	91.5	57.9	0.1	0	.	.	58.0	5.0	26.2	0	31.2	1.1	1.2	0	0	2.4	0	0

": is unavailable

Section A Countries collecting individual patient data (included in ERA-EDTA registry database)

May 20, 2003

Table A.3.9 Percentage of established therapy (at day 90, unadjusted)

	ALL	Haemodialysis					Peritoneal dialysis				Transplant			Unknown	Missing		
		Hospital Centre	Home	HD type unknown	Haemofiltration (HF)	Haemodiafiltration (HDF)	Total HD/HF/HDF	APD	CAPD	PD type unknown	Total PD	Living	Cadaveric			Tx type unknown	Total Tx
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%		
Austria	100	83	0	0	0	4	87	1	9	0	10	2	1	0	3	0	0
Belgium, Dutch-speaking	100	73	0	8	0	7	89	5	6	0	11	0	0	0	0	0	0
Greece	100	89	0	0	0	0	89	0	11	0	11	0	0	0	0	0	0
Norway	100	68	0	0	0	0	69	4	13	0	17	9	5	0	15	0	0
Spain, Catalonia	100	89	0	0	0	0	89	4	6	0	10	0	1	0	2	0	0
The Netherlands	100	62	0	0	0	0	62	6	30	0	36	1	2	0	3	0	0

Categories may not add up to total or to 100% because of missing values

Table A.3.10 Percentage of established therapy by age group, gender and diabetic status (at day 90, unadjusted)

	ALL			0-19			20-44			45-64			65-74			75+			Male			Female			Diabetes Mellitus			Non DM													
	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	Oth	%									
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%									
Austria	83	10	3	4	29	21	43	7	81	11	4	3	6	86	9	1	4	89	7	0	4	89	7	0	4	82	10	4	4	85	9	1	5	84	12	1	3	82	9	4	5
Belgium, Dutch-speaking	81	11	0	7	67	33	0	0	64	29	0	7	79	15	0	6	84	7	0	8	89	3	0	7	82	11	0	7	80	12	0	8	80	10	0	10	82	12	0	6	
Greece	91	12	0	0	50	38	13	0	90	9	1	0	88	12	0	0	88	12	0	0	92	8	0	0	89	11	0	0	88	12	0	0	83	16	0	0	90	10	0	0	
Norway	68	17	15	0	46	0	54	0	48	26	26	0	67	14	18	0	73	19	6	1	89	11	0	0	69	17	14	0	68	16	16	0	74	18	8	0	68	17	15	0	
Spain, Catalonia	89	10	2	0	44	22	33	0	83	13	4	0	86	12	2	0	91	9	0	0	94	6	0	0	89	10	1	0	88	10	3	0	80	19	1	0	91	7	2	0	
The Netherlands	62	36	3	0	42	50	8	0	41	52	7	0	56	41	3	0	75	25	0	0	81	19	0	0	61	36	3	0	62	35	3	0	62	37	0	0	62	35	3	0	

Categories may not add up to total or to 100% because of missing values

Section A Countries collecting individual patient data (included in ERA-EDTA registry database) May 20, 2003

A.4 PREVALENT PATIENTS ON RRT IN 1998 (residents only)

Table A.4.1 Prevalence counts and percentage, by age group and gender (patients alive on December 31)

		ALL		0-19		20-44		45-64		65-74		75+	
		N	%	N	%	N	%	N	%	N	%	N	%
Austria	Men	3140	100	36	1	797	25	1419	45	680	22	208	7
	Women	2180	100	54	2	544	25	845	39	467	21	270	12
	All	5320	100	90	2	1341	25	2264	43	1147	22	478	9
Belgium, Dutch-speaking	Men	2323	100	46	2	457	20	932	40	566	24	322	14
	Women	1971	100	29	1	302	15	728	37	566	29	346	18
	All	4294	100	75	2	759	18	1660	39	1132	26	668	16
Greece	Men	4588	100	61	1	937	20	1799	39	1229	27	498	11
	Women	2840	100	38	1	485	17	1096	39	850	30	333	12
	All	7428	100	99	1	1422	19	2895	39	2079	28	831	11
Norway	Men	1464	100	37	3	395	27	618	42	255	17	159	11
	Women	843	100	24	3	267	32	348	41	133	16	71	8
	All	2307	100	61	3	662	29	966	42	388	17	230	10
Spain, Catalonia	Men	3425	100	42	1	737	22	1380	40	839	24	427	12
	Women	2236	100	19	1	441	20	834	37	577	26	365	16
	All	5661	100	61	1	1178	21	2214	39	1416	25	792	14
The Netherlands	Men	5253	100	144	3	1476	28	2257	43	908	17	468	9
	Women	3888	100	115	3	982	25	1656	43	793	20	342	9
	All	9141	100	259	3	2458	27	3913	43	1701	19	810	9

Percentages are row percentages

Section A Countries collecting individual patient data (included in ERA-EDTA registry database) May 20, 2003

Table A.4.2 Gender, mean and median age of prevalent patients (alive on December 31)

		Gender	Age		
		%	Mean (Years)	(SD)	Median (Years)
Austria	Men	59	54.8	(14.9)	56.7
	Women	41	55.7	(17.0)	57.9
	All	100	55.2	(15.8)	57.2
Belgium, Dutch-speaking	Men	54	57.7	(16.2)	59.7
	Women	46	60.7	(15.7)	63.6
	All	100	59.1	(16.1)	61.8
Greece	Men	62	57.6	(15.7)	60.4
	Women	38	58.9	(15.5)	62.1
	All	100	58.1	(15.6)	61.0
Norway	Men	63	53.8	(16.2)	54.4
	Women	37	51.6	(16.8)	52.4
	All	100	53.0	(16.5)	53.6
Spain, Catalonia	Men	61	57.2	(15.9)	59.0
	Women	39	59.0	(16.1)	61.7
	All	100	57.9	(16.0)	60.3
The Netherlands	Men	57	53.0	(16.4)	53.4
	Women	43	54.1	(16.3)	55.6
	All	100	53.5	(16.4)	54.4

Section A Countries collecting individual patient data (included in ERA-EDTA registry database) May 20, 2003

Table A.4.3 Prevalence per million population, by age group and gender (patients alive on December 31, unadjusted)

		ALL	0-19	20-44	45-64	65-74	75+
		PMP	PMP	PMP	PMP	PMP	PMP
Austria	Men	809.8	38.0	519.1	1528.6	2419.5	1122.8
	Women	527.0	59.9	364.1	879.3	1232.8	673.8
	All	663.9	48.7	442.7	1198.3	1738.2	815.7
Belgium, Dutch-speaking	Men	796.5	64.9	416.7	1314.0	2152.0	2316.4
	Women	657.9	42.9	285.4	1035.0	1827.2	1392.0
	All	726.3	54.2	352.2	1175.1	1976.4	1723.6
Greece	Men	885.2	50.1	483.4	1447.4	2467.5	1744.4
	Women	532.5	33.0	253.0	849.6	1463.7	842.6
	All	706.3	41.8	368.8	1142.9	1927.1	1220.9
Norway	Men	667.8	63.1	481.6	1237.7	1590.2	1260.8
	Women	376.5	43.1	338.2	710.8	714.0	327.0
	All	520.6	53.4	411.3	976.9	1119.3	670.1
Spain, Catalonia	Men	1147.8	64.5	616.8	1952.8	3071.7	2705.4
	Women	716.4	30.9	378.0	1136.7	1747.7	1323.1
	All	927.3	48.2	498.9	1537.1	2347.1	1826.2
The Netherlands	Men	676.4	73.6	482.8	1191.9	1681.2	1461.0
	Women	489.6	61.5	332.0	893.0	1220.1	560.7
	All	582.0	67.7	408.7	1044.0	1429.4	870.7

Section A Countries collecting individual patient data (included in ERA-EDTA registry database)

May 20, 2003

Table A.4.4 Prevalence per million population and percentage, by cause of renal failure (patients alive on December 31, unadjusted)

	Cause of renal failure																							
	ALL		GN	PN	PKD		DM			HT	RVD	Misc	Unkn	Missing										
	PMP	%	PMP	%	PMP	%	Type I	Type II	Both	PMP	%	PMP	%	PMP	%	PMP	%							
Austria	663.9	100	184.4	28	72.3	11	33.8	5	42.7	6	69.4	10	112.1	17	29.8	4	28.0	4	128.4	19	74.9	11	0.2	0
Belgium, Dutch-speaking	726.3	100	158.5	22	68.3	9	68.8	9	63.4	9	40.1	6	103.5	14	45.2	6	43.3	6	179.1	25	57.7	8	1.7	0
Greece	706.3	100	184.5	26	65.1	9	53.2	8	26.7	4	54.6	8	81.3	12	38.1	5	17.5	2	53.7	8	212.9	30	0	0
Norway	520.6	100	186.2	36	66.8	13	59.6	11	34.3	7	13.1	3	47.4	9	48.5	9	5.2	1	96.4	19	10.6	2	0	0
Spain, Catalonia	927.3	100	217.2	23	134.5	15	97.6	11	28.8	3	62.1	7	90.9	10	79.9	9	41.6	4	94.7	10	170.7	18	0	0
The Netherlands	582.0	100	133.7	23	78.9	14	48.4	8	29.6	5	19.9	3	49.5	9	46.4	8	24.5	4	103.7	18	96.8	17	0	0

Abbreviations used: GN: Glomerulonephritis/sclerosis; PN: Pyelonephritis; PKD: Polycystic kidneys, adult type; DM: Diabetes mellitus; HT: Hypertension; RVD: Renal vascular disease; Misc: Miscellaneous; Unkn: Unknown. Categories may not add up to total or to 100% because of missing values

Section A Countries collecting individual patient data (included in ERA-EDTA registry database)

May 20, 2003

Table A.4.5 Prevalence per million population, by cause of renal failure (patients alive on December 31, adjusted for age and gender)

	Cause of renal failure											
	ALL	GN	PN	PKD	DM			HT	RVD	Misc	Unkn	Missing
					Type I	Type II	Both					
					PMP	PMP	PMP					
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
Austria	673.3	186.1	72.1	34.0	42.1	72.3	114.4	30.8	30.0	129.1	76.6	0.2
Belgium, Dutch-speaking	709.0	155.9	67.0	66.4	60.9	38.6	99.4	45.1	45.5	170.1	57.8	1.7
Greece	674.3	178.3	62.5	50.4	25.6	50.2	75.8	36.4	16.7	51.7	202.5	0
Norway	548.0	197.1	68.7	64.3	34.6	14.1	48.7	52.5	5.7	99.6	11.4	0
Spain, Catalonia	903.0	213.7	128.8	94.0	28.8	59.2	88.0	78.3	41.5	91.7	166.7	0
The Netherlands	606.2	134.7	79.9	50.8	29.4	21.7	51.1	51.2	28.8	107.2	102.6	0

Abbreviations used: GN: Glomerulonephritis/sclerosis; PN: Pyelonephritis; PKD: Polycystic kidneys, adult type; DM: Diabetes mellitus; HT: Hypertension; RVD: Renal vascular disease; Misc: Miscellaneous; Unkn: Unknown.

Section A Countries collecting individual patient data (included in ERA-EDTA registry database)

May 20, 2003

Table A.4.6 Prevalence counts, by established therapy (patients alive on December 31)

	ALL	Haemodialysis				Peritoneal dialysis				Transplant				Unknown	Missing		
		Hospital Centre	Home	HD type unknown	Haemofiltration (HF)	Haemodiafiltration (HDF)	Total HD/HF/HDF	APD	CAPD	PD type unknown	Total PD	Living	Cadaveric			Tx type unknown	Total Tx
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Austria	5320	2289	5	2	2	337	2635	27	207	0	234	147	2303	0	2450	1	0
Belgium, Dutch-speaking	4294	1757	7	263	2	203	2232	95	110	6	211	27	720	1104	1851	0	0
Greece	7428	5482	1	0	13	6	5502	13	624	9	646	628	651	0	1279	1	0
Norway	2307	434	1	0	0	2	437	33	67	0	100	876	893	0	1769	0	1
Spain, Catalonia	5661	3124	5	0	.	.	3129	87	83	0	170	84	2278	0	2362	0	0
The Netherlands	9141	3162	82	0	.	.	3244	350	1014	0	1364	712	3813	3	4528	5	0

": is unavailable

Table A.4.7 Prevalence per million population, by established therapy (patients alive on December 31, unadjusted)

	ALL	Haemodialysis					Peritoneal dialysis					Transplant				Unknown	Missing
		Hospital Centre	Home	HD type unknown	Haemofiltration (HF)	Haemodiafiltration (HDF)	Total HD/HF/HDF	APD	CAPD	PD type unknown	Total PD	Living	Cadaveric	Tx type unknown	Total Tx		
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
Austria	663.9	285.6	0.6	0.2	0.2	42.1	328.8	3.4	25.8	0	29.2	18.3	287.4	0	305.7	0.1	0
Belgium, Dutch-speaking	726.3	297.2	1.2	44.5	0.3	34.3	377.5	16.1	18.6	1.0	35.7	4.6	121.8	186.7	313.1	0	0
Greece	706.3	521.3	0.1	0	1.2	0.6	523.2	1.2	59.3	0.9	61.4	59.7	61.9	0	121.6	0.1	0
Norway	520.6	97.9	0.2	0	0	0.5	98.6	7.4	15.1	0	22.6	197.7	201.5	0	399.2	0	0.2
Spain, Catalonia	927.3	511.7	0.8	0	.	.	512.5	14.3	13.6	0	27.8	13.8	373.1	0	386.9	0	0
The Netherlands	582.0	201.3	5.2	0	.	.	206.5	22.3	64.6	0	86.8	45.3	242.8	0.2	288.3	0.3	0

": is unavailable

Table A.4.8 Prevalence per million population, by established therapy (patients alive on December 31, adjusted for age and gender)

	ALL	Haemodialysis					Peritoneal dialysis				Transplant				Missing		
		Hospital Centre	Home	HD type unknown	Haemofiltration (HF)	Haemodiafiltration (HDF)	Total HD/HF/HDF	APD	CAPD	PD type unknown	Total PD	Living	Cadaveric	Tx type unknown		Total Tx	
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
Austria	673.3	290.4	0.6	0.2	0.3	43.0	334.5	3.7	26.5	0	30.2	18.6	289.9	0	308.5	0.1	0
Belgium, Dutch-speaking	709.0	290.3	1.2	44.9	0.3	32.3	369.1	16.0	17.6	1.0	34.6	4.8	119.5	181.1	305.3	0	0
Greece	674.3	496.0	0.1	0	1.2	0.4	497.7	1.1	55.4	0.8	57.3	58.9	60.3	0	119.2	0.1	0
Norway	548.0	103.5	0.2	0	0	0.4	104.2	8.0	16.1	0	24.1	206.3	213.2	0	419.5	0	0.2
Spain, Catalonia	903.0	494.4	0.8	0	.	.	495.2	13.9	13.1	0	27.1	13.7	367.0	0	380.7	0	0
The Netherlands	606.2	222.3	5.2	0	.	.	227.5	22.6	67.7	0	90.3	44.3	243.6	0.2	288.1	0.3	0

": is unavailable

Table A.4.9 Percentage of established therapy (patients alive on December 31, unadjusted)

	ALL	Haemodialysis					Peritoneal dialysis				Transplant			Unknown	Missing		
		Hospital Centre	Home	HD type unknown	Haemofiltration (HF)	Haemodiafiltration (HDF)	Total HD/HF/HDF	APD	CAPD	PD type unknown	Total PD	Living	Cadaveric			Tx type unknown	Total Tx
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%		
Austria	100	43	0	0	0	6	50	1	4	0	4	3	43	0	46	0	0
Belgium, Dutch-speaking	100	41	0	6	0	5	52	2	3	0	5	1	17	26	43	0	0
Greece	100	74	0	0	0	0	74	0	8	0	9	8	9	0	17	0	0
Norway	100	19	0	0	0	0	19	1	3	0	4	38	39	0	77	0	0
Spain, Catalonia	100	55	0	0	.	.	55	2	1	0	3	1	40	0	42	0	0
The Netherlands	100	35	1	0	.	.	35	4	11	0	15	8	42	0	50	0	0

Categories may not add up to total or to 100% because of missing values
 "." is unavailable

Table A.4.10 Percentage of established therapy by age group, gender and diabetic status (patients alive on December 31, unadjusted)

	ALL			0-19			20-44			45-64			65-74			75+			Male			Female			Diabetes Mellitus			Non DM																
	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	HD	PD	TX	Oth	%												
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%												
Austria	43	4	46	6	10	9	80	1	8	61	4	28	4	61	8	37	5	52	6	59	4	29	7	83	5	9	4	41	4	47	7	46	5	44	5	59	7	28	6	40	4	50	6	
Belgium, Dutch-speaking	47	5	43	5	13	11	76	0	2	68	6	24	0	68	2	35	4	58	4	62	5	26	7	84	4	4	8	45	5	46	4	50	5	40	6	60	6	27	8	45	5	46	4	
Greece	75	11	19	5	24	20	56	0	0	54	5	54	0	72	9	72	9	19	0	85	11	4	0	92	8	0	0	74	8	18	0	74	10	15	0	79	17	4	0	73	8	19	0	
Norway	19	4	77	0	10	0	90	0	0	86	4	10	4	83	0	13	4	83	0	31	6	63	0	50	7	42	0	19	5	76	0	18	4	78	0	22	7	71	0	19	4	77	0	
Spain, Catalonia	55	3	42	0	28	7	66	0	34	3	63	0	42	3	56	0	72	4	24	0	72	4	24	0	97	2	1	0	53	3	44	0	58	3	39	0	75	9	16	0	53	2	44	0
The Netherlands	35	15	50	0	15	20	65	0	20	17	64	0	20	15	58	0	27	15	58	0	57	14	28	0	85	10	5	0	34	15	51	0	38	14	48	0	50	21	29	0	34	14	51	0

Categories may not add up to total or to 100% because of missing values

Table A.4.11 Patients living on a functioning graft (patients alive on December 31, unadjusted)

	ALL		Living						Cadaveric		Unknown			
	Related		Unrelated		Living Type Unknown		All Living							
	N	%	N	%	N	%	N	%	N	%	N	%		
Austria	2450	100	131	5	16	1	0	0	147	6	2303	94	0	0
Belgium, Dutch-speaking	1851	100	21	1	6	0	0	0	27	1	720	39	1104	60
Greece	1279	100	628	49	0	0	0	0	628	49	651	51	0	0
Norway	1769	100	768	43	108	6	0	0	876	50	893	50	0	0
Spain, Catalonia	2362	100	84	4	0	0	0	0	84	4	2278	96	0	0
The Netherlands	4528	100	.	.	.	.	712	16	712	16	3813	84	3	0

Categories may not add up to total or to 100% because of missing values
 ". ." is unavailable

B.1 AFFILIATED REGISTRY INFORMATIONTable B.1.1 General population¹ of the country/region by age group and gender, and percent coverage of the general population²

Country	General population in Thousands								% coverage of general population
	ALL	0-19	20-44	45-64	65-74	75+			
Basque country	Men	1029.7	206.4	429.6	253.1	93.8	46.4		
	Women	1075.1	196.6	419.6	257.8	111.1	88.8		
	All	2104.8	403.1	849.251	511.0	205.0	135.3		100
Estonia	Men								
	Women								
	All	1400							
Germany	Men	40004.1	9025.0	15536.3	10552.0	3225.5	1665.3		
	Women	42032.9	8558.6	14705.8	10591.8	4165.4	4011.2		
	All	82037.0	17583.6	30242.1	21143.8	7390.9	5676.5		93
Poland	Men								
	Women								
	All	38666	10552	15566	7660		4595		
Serbia and Montenegro	Men	5264.0	1536.5	1913.3	1203.3	432.4	178.5		
	Women	5352.9	1451.0	1857.0	1257.1	537.4	250.3		
	All	10616.9	2987.5	3765.4	2460.5	969.8	428.8		
Valencia	Men	1970.7	475.1	787.6	436.5	173.5	98.0		100
	Women	2052.6	450.2	777.1	456.6	206.2	162.5		100
	All	4023.4	925.3	1564.6	893.1	379.9	260.6		100

¹ Mid year population as provided by the national statistics agency or Eurostat² % of the general population covered by the renal centres collaborating with the registry

Section B**Countries collecting individual patient data, information via centre questionnaires or health authorities
(not included in ERA-EDTA registry database)***May 20, 2003***Table B.1.2 Renal centres¹: total number of centres and number collaborating**

Country	Total number of renal centres	Number of renal centres collaborating with the registry
Basque country	12	12
Estonia		
Germany	1021	947
Poland	147	147
Serbia and Montenegro	54	49
Valencia	40	40

¹ The number of renal centres is based on having a separate centre code

B.2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 1998 (residents only) AT DAY 1

Table B.2.1 Incident counts and incident rates per million population (at day 1, unadjusted)

Country		N	Pmp
Basque country	Men	129	124.4
	Women	81	75.3
	All	210	99.4
Estonia	Men		
	Women		
	All		34.5
Germany	Men	6892	172
	Women	5227	124
	All	12119	148
Poland	Men		
	Women		
	All	2010	52
Serbia and Montenegro	Men		
	Women		
	All	1042	98.2
Valencia	Men	374	189.7
	Women	243	118.4
	All	617	153.3

Table B.2.2 Gender, mean and median age of incident patients (at day 1)

Country		Gender %	Mean age (SD) Years	Median age Years
Basque country	Men	61.4	57.2 (16)	61
	Women	38.6	59.2 (18)	65
	All		57.9 (16.7)	62.5
Estonia	Men			
	Women			
	All			
Germany	Men	59.9	60.3 (15.1)	63
	Women	43.1	63.8 (15.5)	68
	All		61.8 (15.4)	65
Poland	Men			
	Women			
	All			
Serbia and Montenegro	Men			
	Women			
	All		48.1 (12.8)	57
Valencia	Men	49.0	59.9	64
	Women	51.0	60.8	64
	All	100	60.2	64

Table B.2.3 Incident rates per million population (at day 1, adjusted for age and gender)*

Country		
Basque country	Men ¹	<i>Pmp</i> 124.2
	Women ¹	69.3
	All ²	96.7
Estonia	Men ¹	
	Women ¹	
	All ²	
Germany	Men ¹	179
	Women ¹	106
	All ²	142
Poland	Men ¹	
	Women ¹	
	All ²	
Serbia and Montenegro	Men ¹	
	Women ¹	
	All ²	
Valencia	Men ¹	187.3
	Women ¹	117.0
	All ²	151.4

* adjustment to European population of 1995 (see Methods section); ¹ adjusted for age; ² adjusted for age and gender

Table B.2.4 Incident rates per million population and percentage, by cause of renal failure¹ (at day 1, unadjusted)

Country	TOTAL		GN		PN		PKD		DM				HT		RVD		Misc		Unkn		Missing					
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Type I	Pmp	%	Type II	Pmp	%	Both		Pmp	%	Pmp	%	Pmp	%	Pmp	%		
															Pmp	%										
Basque country	99.4	100	18.5	18.6	11.8	11.9	8.5	8.6	4.3	4.3	9		13.3	13.3	13.3	13.3	9.9	10	3.8	3.8	8.5	8.6	20.8	21	4.3	4.3
Estonia	34.5																									
Germany	148	100	25	17.1	12	8.3	5	3.4	9	6.3	39	26.6	49	32.9	11	7.4	8	5.3	21	14.5	16	11.1				
Poland	52																									
Serbia and Montenegro	98.2																									
Valencia	153.3	100	24.1	15.7	18.6	12.2	10.7	7	-	-	-	-	19.6	12.8	25.4	16.5	5	3.2	15.9	10.4	34.1	22.2	-	-	-	-

Abbreviations used: GN: Glomerulonephritis/sclerosis; PN: Pyelonephritis; PKD: Polycystic kidneys, adult type; DM: Diabetes mellitus; HT: Hypertension; RVD: Renal vascular disease; Misc: Miscellaneous; Unkn: Unknown.

¹ Grouping renal disease see Methods section

B.3 INCIDENT PATIENTS ACCEPTED FOR RRT IN 1998 (residents only) AT DAY 90

Table B.3.1 Incident counts and incident rates per million population (at day 90, unadjusted)

Country		N	Pmp
Basque country	Men		
	Women		
	All		
Estonia	Men		
	Women		
	All		
Germany	Men		
	Women		
	All		
Poland	Men		
	Women		
	All		
Serbia and Montenegro	Men		
	Women		
	All		
Valencia	Men	358	181.6
	Women	221	107.6
	All	579	143.9

Table B.3.2 Gender, mean and median age of incident patients (at day 90)

Country		Gender %	Mean age (SD) Years	Median age Years
Basque country	Men			
	Women			
	All			
Estonia	Men			
	Women			
	All			
Germany	Men			
	Women			
	All			
Poland	Men			
	Women			
	All			
Serbia and Montenegro	Men			
	Women			
	All			
Valencia	Men	61.8	59.6	63
	Women	38.2	60.0	64
	All	100	64	64

Section B

**Countries collecting individual patient data, information via centre questionnaires or health authorities
(not included in ERA-EDTA registry database)**

May 20, 2003

Table B.3.3 Incident rates per million population (at day 90, adjusted for age and gender)*

Country		Pmp
Basque country	Men ¹	
	Women ¹	
	All ²	
Estonia	Men ¹	
	Women ¹	
	All ²	
Germany	Men ¹	
	Women ¹	
	All ²	
Poland	Men ¹	
	Women ¹	
	All ²	
Serbia and Montenegro	Men ¹	
	Women ¹	
	All ²	
Valencia	Men ¹	181.3
	Women ¹	107.4
	All ²	143.6

* adjustment to European population of 1995 (see Methods section); ¹adjusted for age; ²adjusted for age and gender

Table B.3.4 Incident rates per million population and percentage, by cause of renal failure¹ (at day 90, unadjusted)

Country	Incident rates per million population and percentage, by cause of renal failure ¹ (at day 90, unadjusted)																				
	TOTAL		GN		PN		PKD		DM			HT		RVD		Misc		Unkn		Missing	
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Type I	Type II	Both	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%
Basque country																					
Estonia																					
Germany																					
Poland																					
Serbia and Montenegro																					
Valencia	143.9	100	23.1	16.1	18.1	12.6	10.4	7.3			19.1	13.3	23.9	16.6	4.7	3.3	14.4	10	30.1	20.9	

Abbreviations used: GN: Glomerulonephritis/sclerosis; PN: Pyelonephritis; PKD: Polycystic kidneys, adult type; DM: Diabetes mellitus; HT: Hypertension; RVD: Renal vascular disease; Misc: Miscellaneous; Unkn: Unknown.

¹ Grouping renal disease see Methods section

Table B.3.5 Incident counts, by established therapy (at day 90)

Country	Peritoneal dialysis										Haemodialysis				Transplant				Missing
	TOTAL	APD				CAPD		PD, type unknown		Total PD		Living		Cadaveric		Tx, type unknown		Total Tx	
	N	Hospital/ centre	Home	HD, type unknown	HF	HDF	Total HD/HF/ HDF	APD	CAPD	PD, type unknown	Total PD	Living	Cadaveric	Tx, type unknown	Total Tx				N
Basque country	137						137	2	56		58		15		15				N
Estonia																			N
Germany																			N
Poland																			N
Serbia and Montenegro																			N
Valencia	579	501	1	0	-	-	502	-	-	70	70	-	-	7	7	-	-	-	N

For Basque country treatment refers to the last treatment of incident patients in every year; For Germany treatment modalities refer to day 1

Table B.3.6 Incident rates per million population, by established therapy (at day 90, unadjusted)

Country	Peritoneal dialysis										Transplant				Missing		
	TOTAL	Haemodialysis				APD		CAPD		PD, type unknown	Total PD	Living	Cadaveric	Tx, type unknown		Total Tx	
	Pmp	Hospital/centre	Home	HD, type unknown	HF	HDF	Total HD/HF/HDF	APD	CAPD	PD, type unknown	Total PD	Pmp	Pmp	Pmp	Pmp	Pmp	Pmp
Basque country		64.9					64.9	0.9	26.5		27.5			7.1		7.1	
Estonia																	
Germany	148						137				9					0.6	1.2
Poland																	
Serbia and Montenegro																	
Valencia	143.9	124.5	0.2	0	-	-	124.7	-	-	17.4	17.4	-	-	1.7	-	1.7	

For Basque country treatment refers to the last treatment of incident patients in every year; For Germany treatment modalities refer to day 1

Table B.3.7 Percentage of established therapy (at day 90, unadjusted)

Country	Haemodialysis										Peritoneal dialysis				Transplant				Missing
	TOTAL	Hospital/ centre	Home	HD, type unknown	HF	HDF	Total HD/HF/ HDF	APD	CAPD	PD, type unknown	Total PD	Living	Cadaveric	Tx, type unknown	Total Tx				
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%				
Basque country	100	65.2					65.2	1	26.7		27.7		7.1		7.1				
Estonia																			
Germany	100						93				5.8			0.4	0.8				
Poland																			
Serbia and Montenegro																			
Valencia	100	86.5	0.2	0	-	-	86.7	-	-	12.1	-	-	1.2	1.2					

For Basque country treatment refers to the last treatment of incident patients in every year; For Germany treatment modalities refer to day 1

Section B Countries collecting individual patient data, information via centre questionnaires or health authorities
(not included in ERA-EDTA registry database)

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B.4 PREVALENT PATIENTS ON RRT ON DECEMBER 31, 1998 (residents only)

Table B.4.1 Prevalent counts and per million population (patients alive on December 31, unadjusted)

Country		N	Pmp
Basque country	Men	853	828.4
	Women	574	533.9
	All	1427	675.6
Estonia	Men		
	Women		
	All		162
Germany	Men	35304	883
	Women	27353	651
	All	62657 (47973)	764 (585)
Poland	Men	4287	110.9
	Women	5457	141.1
	All	9744	252
Serbia and Montenegro	Men		
	Women		
	All	3785	357.1
Valencia	Men	2156	1094
	Women	1500	730.8
	All	3656	908.7

Section B

**Countries collecting individual patient data, information via centre questionnaires or health authorities
(not included in ERA-EDTA registry database)**

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Table B.4.2 Gender, mean and median age of prevalent patients (alive on December 31)

Country	Gender %	Mean age (SD) Years	Median age Years
Basque country	Men	53.9 (15.1)	55
	Women	53.5 (16)	56
	All	53.8 (15.5)	55
Estonia	Men		
	Women		
	All		
Germany	Men	56.8 (15.5)	59
	Women	60 (16.1)	63
	All	58.2 (15.8)	61
Poland	Men	56	
	Women	44	
	All	100	
Serbia and Montenegro	Men		
	Women		
	All	48.0 (13.3)	54
Valencia	Men	56.0	58
	Women	57.5	60
	All	56.6	59

Section B

**Countries collecting individual patient data, information via centre questionnaires or health authorities
(not included in ERA-EDTA registry database)**

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Table B.4.3 Prevalence per million population (patients alive on December 31, adjusted for age and gender)*

Country		P _{mp}
Basque country	Men ¹	837.1
	Women ¹	539.7
	All ²	688.4
Estonia	Men ¹	
	Women ¹	
	All ²	
Germany	Men ¹	880
	Women ¹	573
	All ²	722
Poland	Men ¹	
	Women ¹	
	All ²	
Serbia and Montenegro	Men ¹	
	Women ¹	
	All ²	
Valencia	Men ¹	1091.8
	Women ¹	729.3
	All ²	906.9

* adjustment to European population of 1995 (see Methods section); ¹ adjusted for age; ² adjusted for age and gender

Section B

Countries collecting individual patient data, information via centre questionnaires or health authorities (not included in ERA-EDTA registry database)

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Table B.4.4 Prevalence per million population and percentage, by cause of renal failure¹ (patients alive on December 31, unadjusted)

Country Cause of Renal failure	TOTAL		GN		PN		PKD		DM			HT		RVD		Misc		Unkn		Missing			
	Pmp	%	Pmp	%	Pmp	%	Pmp	%	Type I	Type II	Both		Pmp	%	Pmp	%	Pmp	%	Pmp	%	Pmp	%	
									Pmp	%	Pmp	%											Pmp
Basque country	676	100	200	29.6	91	13.5	73	10.8	22	19		41	6.1	44	6.5	37	5.5	86	12.7	104	15.3	1	0.1
Estonia	162																						
Germany	764		191	25	93	12.1	46	6	42	112	14.7	154	20.3	40	5.2	26	3.4	127	16.6	87	11.4		
Poland ²	178	100	67	37.4	32	17.9	15	8.6				21	11.6	10	5.4	0.2	0.1	16	9.1	15	8.6	2	1.2
Serbia and Montenegro	357.1																						
Valencia	908.7	100	181.7	20	141.9	15.6	83.7	9.2				65.1	7.2	112.6	12.4	22.8	2.5	110.8	12.2	189.9	20.9		

Abbreviations used: GN: Glomerulonephritis/sclerosis; PN: Pylonephritis; PKD: Polycystic kidneys, adult type; DM: Diabetes mellitus; HT: Hypertension; RVD: Renal vascular disease; Misc: Miscellaneous; Unkn: Unknown.

¹ Grouping renal disease see Methods section; ² Data refer to dialysis population only

Table B.4.5 Prevalence counts, by established therapy (patients alive on December 31)

Country	Peritoneal dialysis										Transplant				Missing				
	TOTAL	Haemodialysis			HD, type unknown			HF	HDF	Total HD/HF/HDF	APD	CAPD	PD, type unknown	Total PD		Living	Cadaveric	Tx, type unknown	Total Tx
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Basque country	439	1							440	3	153		156					831	
Estonia																			
Germany	62657	44393	638		5722	735	51488	899	2043	82	639	7	728					14684	
Poland	9744	6150					6150	82	639									2866	
Serbia and Montenegro	3785	3076	60	0	0	0	3136	0	242	0	242	0	242	265	142	0	0	407	
Valencia	3656	2258	4				2262					176	176			1218	1218	1218	

Section B

Countries collecting individual patient data, information via centre questionnaires or health authorities (not included in ERA-EDTA registry database)

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Table B.4.6 Prevalence per million population, by established therapy (patients alive on December 31, unadjusted)

Country	Peritoneal dialysis										Haemodialysis					Transplant					Missing			
	TOTAL	APD	CAPD	PD, type unknown	Total PD	Living	Cadaveric	Tx, type unknown	Total Tx	APD	CAPD	HD, type unknown	HF	HDF	Total HD/HF/HDF	Hospital/centre	Home	HD, type unknown	HF	HDF		Living	Cadaveric	Tx, type unknown	Total Tx
	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>	<i>Pmp</i>
Basque country		207.8	0.5		208.3				1.4	72.4														393.4
Estonia	162																							94
Germany					549																			179
Poland	252	159			159				2.1	16.5	0.2													74.1
Serbia and Montenegro	357.1	290.2	5.7		295.8					22.8										25	13.4			38.4
Valencia	908.7	561.2	1.0		562.2																	302.7		302.7

Table B.4.7 Percentage of established therapy (patients alive on December 31, unadjusted)

Country	Haemodialysis										Peritoneal dialysis					Transplant				Missing
	TOTAL	Hospital/ centre	Home	HD, type unknown	HF	HDF	Total HD/HF/ HDF	APD	CAPD	PD, type unknown	Total PD	Living	Cadaveric	Tx, type unknown	Total Tx					
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%					
Basque country	30.7		0.1				30.8	0.2	10.7		10.9				58.2					
Estonia															58.0					
Germany							75.8				4.9				24.7					
Poland	100	63.1				63.1	0.8	6.6	0.1	7.5					29.4					
Serbia and Montenegro	100	81	1.6	0	0	82.9	0	6.4	0	6.4	7.0	3.8	0	10.8						
Valencia	100	61.8	0.1			61.9			4.8	4.8			33.3	33.3						

Table B.4.8 Renal transplants, number and percentage by donor type

Country	TOTAL		Living				Cadaveric				Donor type unknown		
	N	%	Related		Unrelated		N	%	N	%	N	%	
			N	%	N	%							N
Basque country										142	100		
Estonia													
Germany	2340						343	14,7		1997	85,3		
Poland													
Serbia and Montenegro	407	100	253	62	12	2,9	265	65		142	35		
Valencia	224	100										224	100

General population base, patients and reference population for 1998

Methods used in section A: countries collecting individual patient data (included in ERA-EDTA registry database)

	General population Base	Patients	Reference population
A.1	AFFILIATED REGISTRY INFORMATION		
Table A.1.1	General population of the country/region by age group and gender, and percent coverage in 1998		
Table A.1.2	Renal centres: total number of centres and number collaborating		
A.2	INCIDENT PATIENTS ACCEPTED FOR RRT IN 1998 (residents only) AT DAY 1		
Table A.2.1	Incident counts and percentage, by age group and gender (at day 1)	Cohort 1998	
Table A.2.2	Gender, mean and median age of incident patients (at day 1)	Cohort 1998	
Table A.2.3	Incident rates per million population, by age group and gender (at day 1, unadjusted)	Cohort 1998	
Table A.2.4	Incident rates per million population and percentage, by cause of renal failure (at day 1, unadjusted)	Cohort 1998	
Table A.2.5	Incident rates per million population, by cause of renal failure (at day 1, adjusted for age and gender)	Cohort 1998	EUR 1995
A.3	INCIDENT PATIENTS ACCEPTED FOR RRT IN 1998 (residents only) AT DAY 90		
Table A.3.1	Incident counts and percentage, by age group and gender (at day 90)	Cohort 1998	
Table A.3.2	Gender, mean and median age of incident patients (at day 90)	Cohort 1998	
Table A.3.3	Incident rates per million population, by age group and gender (at day 90, unadjusted)	Cohort 1998	
Table A.3.4	Incident rates per million population and percentage, by cause of renal failure (at day 90, unadjusted)	Cohort 1998	
Table A.3.5	Incident rates per million population, by cause of renal failure (at day 90, adjusted for age and gender)	Cohort 1998	EUR 1995
Table A.3.6	Incident counts, by established therapy (at day 90)	Cohort 1998	
Table A.3.7	Incident rates per million population, by established therapy (at day 90, unadjusted)	Cohort 1998	
Table A.3.8	Incident rates per million population, by established therapy (at day 90, adjusted for age and gender)	Cohort 1998	EUR 1995
Table A.3.9	Percentage of established therapy (at day 90, unadjusted)	Cohort 1998	
Table A.3.10	Percentage of established therapy by age group, gender and diabetic status (at day 90, unadjusted)	Cohort 1998	
A.4	PREVALENT PATIENTS ON RRT IN 1998 (residents only)		
Table A.4.1	Prevalence counts and percentage, by age group and gender (patients alive on December 31)	31-12-98	
Table A.4.2	Mean and median age of prevalent patients (alive on December 31)	31-12-98	
Table A.4.3	Prevalence per million population, by age group and gender (patients alive on December 31, unadjusted)	31-12-98	
Table A.4.4	Prevalence per million population and percentage, by cause of renal failure (patients alive on December 31, unadjusted)	31-12-98	
Table A.4.5	Prevalence per million population, by cause of renal failure (patients alive on December 31, adjusted for age and gender)	31-12-98	EUR 1995
Table A.4.6	Prevalence counts, by established therapy (patients alive on December 31)	31-12-98	
Table A.4.7	Prevalence per million population, by established therapy (patients alive on December 31, unadjusted)	31-12-98	
Table A.4.8	Prevalence per million population, by established therapy (patients alive on December 31, adjusted for age and gender)	31-12-98	EUR 1995
Table A.4.9	Percentage of established therapy (patients alive on December 31, unadjusted)	31-12-98	
Table A.4.10	Percentage of established therapy by age group, gender and diabetic status (patients alive on December 31, unadjusted)	31-12-98	
Table A.4.11	Renal transplants, number and percentage by donor type	010198-311298	

Methods used in section B: countries collecting individual patient data, information via centre questionnaires or health authorities (not included in ERA-EDTA registry database)

	General population Base	Patients	Reference population
B.1 AFFILIATED REGISTRY INFORMATION			
Table B.1.1	General population of the country/region by age group and gender, and percent coverage of the general population		
Table B.1.2	Renal centres: total number of centres and number collaborating		
B.2 INCIDENT PATIENTS ACCEPTED FOR RRT IN 1998 (residents only) AT DAY 1			
Table B.2.1	Incident counts and incident rates per million population (at day 1, unadjusted)	Cohort 1998	
Table B.2.2	Gender, mean and median age of incident patients (at day 1)	Cohort 1998	
Table B.2.3	Incident rates per million population (at day 1, adjusted for age and gender)	Cohort 1998	EUR 1995
Table B.2.4	Incident rates per million population and percentage, by cause of renal failure (at day 1, unadjusted)	Cohort 1998	
B.3 INCIDENT PATIENTS ACCEPTED FOR RRT IN 1998 (residents only) AT DAY 90			
Table B.3.1	Incident counts and incident rates per million population (at day 90, unadjusted)	Cohort 1998	
Table B.3.2	Gender, mean and median age of incident patients (at day 90)	Cohort 1998	
Table B.3.3	Incident rates per million population (at day 90, adjusted for age and gender)	Cohort 1998	EUR 1995
Table B.3.4	Incident rates per million population and percentage, by cause of renal failure (at day 90, unadjusted)	Cohort 1998	
Table B.3.5	Incident counts, by established therapy (at day 90)	Cohort 1998	
Table B.3.6	Incident rates per million population, by established therapy (at day 90, unadjusted)	Cohort 1998	
Table B.3.7	Percentage of established therapy (at day 90, unadjusted)	Cohort 1998	
B.4 PREVALENT PATIENTS ON RRT IN 1998 (residents only)			
Table B.4.1	Prevalent counts and per million population (patients alive on December 31, unadjusted)	31-12-98	
Table B.4.2	Gender, mean and median age of prevalent patients (alive on December 31)	31-12-98	
Table B.4.3	Prevalence per million population (patients alive on December 31, adjusted for age and gender)	31-12-98	EUR 1995
Table B.4.4	Prevalence per million population and percentage, by cause of renal failure (patients alive on December 31, unadjusted)	31-12-98	
Table B.4.5	Prevalence counts, by established therapy (patients alive on December 31)	31-12-98	
Table B.4.6	Prevalence per million population, by established therapy (patients alive on December 31, unadjusted)	31-12-98	
Table B.4.7	Percentage of established therapy (patients alive on December 31, unadjusted)	31-12-98	
Table B.4.8	Renal transplants, number and percentage by donor type	010198-311298	

Databasis

These analyses are based on databases reported on:	
Austria	02OCT2001
Belgium, Dutch-speaking	13DEC2001
Greece	16JAN2002
Norway	22OCT2001
Spain, Catalonia	19MAR2002
The Netherlands	01NOV2001

Grouping of renal diseases

Primary Renal Disease (PRD)	1994 code	1995 code	PRD Group
Glomerulonephritis; histologically NOT examined	10	10	I
Focal segmental glomerulosclerosis with nephrotic syndrome in children	11	11	I
IgA nephropathy (proven by immunofluorescence, not code 76 and not 85)	12	12	I
Dense deposit disease; membrano-proliferative GN; type II (proven by immunofluorescence and/or electron microscopy)	13	13	I
Membranous nephropathy	14	14	I
Membrano-proliferative GN; type I (proven by immunofluorescence and/or electron microscopy - not code 84 or 89)	15	15	I
Crescentic (extracapillary) glomerulonephritis (type I, II, III)	16	16	I
Focal segmental glomerulosclerosis with nephrotic syndrome in adults	17	17	I
Glomerulonephritis; histologically examined, not given above	19	19	I
Pyelonephritis - cause not specified	20	20	II
Pyelonephritis associated with neurogenic bladder	21	21	II
Pyelonephritis due to congenital obstructive uropathy with/without vesico-ureteric reflux	22	22	II
Pyelonephritis due to acquired obstructive uropathy	23	23	II
Pyelonephritis due to vesico-ureteric reflux without obstruction	24	24	II
Pyelonephritis due to urolithiasis	25	25	II
Pyelonephritis due to other cause	29	29	II
Interstitial nephritis (not pyelonephritis) due to other cause, or unspecified (not mentioned above)	30	30	VII
Nephropathy (interstitial) due to analgesic drugs	31	31	VII
Nephropathy (interstitial) due to cis-platinum	32	32	VII
Nephropathy (interstitial) due to cyclosporin A	33	33	VII
Lead induced nephropathy (interstitial)	34	34	VII
Drug induced nephropathy (interstitial) not mentioned above	39	39	VII
Cystic kidney disease - type unspecified	40	40	VII
Polycystic kidneys; adult type (dominant)	41	41	III
Polycystic kidneys; infantile (recessive)	42	42	VII
Medullary cystic disease; including nephronophthisis	43	43	VII
Cystic kidney disease - other specified type	49	49	VII
Hereditary/Familial nephropathy - type unspecified	50	50	VII
Hereditary nephritis with nerve deafness (Alport's Syndrome)	51	51	VII
Cystinosis	52	52	VII
Primary oxalosis	53	53	VII
Fabry's disease	54	54	VII

Hereditary nephropathy - other specified type	59	59	VII
Renal hypoplasia (congenital) - type unspecified	60	60	VII
Oligomeganephronic hypoplasia	61	61	VII
Congenital renal dysplasia with or without urinary tract malformation	63	63	VII
Syndrome of agenesis of abdominal muscles (Prune Belly)	66	66	VII
Renal vascular disease - type unspecified	70	70	V
Renal vascular disease due to malignant hypertension	71	71	IV
Renal vascular disease due to hypertension	72	72	IV
Renal vascular disease due to polyarteritis	73	73	VII
Wegener's granulomatosis	74	74	VII
Glomerulonephritis related to liver cirrhosis	76	76	VII
Cryoglobulinaemic glomerulonephritis	78	78	VII
Renal vascular disease - due to other cause (not given above and not code 84-88)	79	79	V
Diabetes glomerulosclerosis or diabetic nephropathy - Type I	80	80	VI
Diabetes glomerulosclerosis or diabetic nephropathy - Type II	81	80	VI
Myelomatosis/light chain deposit disease	82	82	VII
Amyloid	83	83	VII
Lupus erythematosus	84	84	VII
Henoch-Schoenlein purpura	85	85	VII
Goodpasture's Syndrome	86	86	VII
Systemic sclerosis (scleroderma)	87	87	VII
Haemolytic Uraemic Syndrome (including Moschowitz Syndrome)	88	88	VII
Multi-system disease - other (not mentioned above)	89	89	VII
Tubular necrosis (irreversible) or cortical necrosis (different from 88)	90	90	VII
Tuberculosis	91	91	VII
Gout	92	92	VII
Nephrocalcinosis and hypercalcaemic nephropathy	93	93	VII
Balkan nephropathy	94	94	VII
Kidney tumour	95	95	VII
Traumatic or surgical loss of kidney	96	96	VII
Other identified renal disorders	99	99	VII
Chronic renal failure; aetiology uncertain	00	00	VIII

I.	Glomerulonephritis/sclerosis;	V.	Renal vascular disease;
II.	Pyelonephritis;	VI.	Diabetes mellitus;
III.	Polycystic kidneys, adult type;	VII.	Miscellaneous;
IV.	Hypertension;	VIII.	Unknown.