

**Supplementary Table 1.** Dialysis vintage, modality, and primary disease of dialysis patients in Japan (1988-2013) by 5-year period (1988-2012) and in 2013 (the standard population)

Years	1988-1992	1993-1997	1998-2002	2003-2007	2008-2012	2013
Vintage (% patients)						
< 5 yrs	55.0	54.3	52.5	50.3	48.2	47.3
5 – 9	25.3	23.2	23.8	24.8	25.3	25.2
10 – 14	13.9	12.4	11.5	11.9	12.6	12.9
15 – 19	5.3	7.2	6.6	6.2	6.5	6.8
20 – 24	0.4	2.7	4.0	3.7	3.6	3.7
≥ 25	0.0	0.2	1.6	3.1	3.9	4.2
Dialysis modality (% patients)						
Hemodialysis	95.6	94.7	95.7	96.4	96.7	97.0
Peritoneal dialysis	4.4	5.3	4.3	3.6	3.3	3.0
Primary disease (% patients)						
Chronic glomerulonephritis	63.6	56.4	50.1	43.5	36.2	32.4
Diabetic nephropathy	15.3	20.6	26.2	31.4	35.8	37.6
Nephrosclerosis	2.7	3.8	4.8	5.9	7.5	8.7
Polycystic kidney disease	3.3	3.2	3.2	3.4	3.4	3.5

**Supplementary Table 2.** Number of deaths among dialysis patients in Japan (1988-2013)

Year	Total	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
All-cause	469,324 (100%)	6925	6650	8412	9407	10966	11492	12256	13442	14200	14962	15172	15999	
Cardiovascular	217,161 (46.3%)	4107	3718	4621	5171	5994	6215	6694	6924	6998	7427	7337	7543	
Noncardiovascular	206,361 (44.0%)	2592	2542	3153	3558	3947	4281	4581	5302	5938	9157	6245	6821	
Cause-specific														
Cardiac failure	121,632 (25.9%)	2525	2229	2558	2885	3406	3438	3462	3415	3429	3577	3662	3894	
Infectious disease	82,240 (17.5%)	848	787	976	1134	1244	1397	1548	1856	2076	2230	2274	2611	
Cerebrovascular disorders	47,954 (10.2%)	894	879	1169	1292	1486	1555	1729	1809	1837	1880	1830	1804	
Malignant tumors	40,263 (8.6%)	478	499	689	712	774	852	899	973	1096	1208	1168	1212	
Cardiac infarction	26,272 (5.6%)	377	353	490	543	631	658	869	837	1050	1253	1194	1191	
Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
All-cause	16601	18281	19077	20299	20936	21946	22145	23868	25610	25813	27241	28860	29464	29300
Cardiovascular	7561	8867	9056	9545	9644	10032	9678	10183	10615	10540	11722	12145	12508	12048
Noncardiovascular	7205	8046	8238	9060	9558	9905	10325	11017	12027	12324	12382	13341	13683	13900
Cause-specific														
Cardiac failure	3859	4626	4683	4983	5178	5601	5471	5721	6069	6086	7344	7669	8020	7842
Infectious disease	2764	2963	2977	3687	3882	4170	4375	4517	5100	5335	5527	5866	5996	6100
Cerebrovascular disorders	1882	2101	2083	2138	2191	2117	2073	2129	2208	2160	2197	2208	2203	2100
Malignant tumors	1382	1534	1584	1685	1864	1950	2017	2184	2352	2411	2676	2633	2677	2754
Cardiac infarction	1165	1339	1374	1244	1120	1111	958	1048	1056	1041	1287	1340	1329	1249