

Supplementary Table 1. Estimated cost of HD and PD (USD) in CSS, year 2015

HD + PD (PUBLIC)				
	Monthly cost	Yearly cost/patient	Patients (factor)	Total Cost (USD)
PD		18,766.00	265	4,972,990.00
HD	1,739.66	20,875.92	1746	36,449,356.32
Eritropoyetin	507.00	6,084.00	2011	12,234,924.00
Paricalcitol	299.00	3,588.00	1423	5,105,724.00
Sevelamer	207.00	2,484.00	1751	4,349,484.00
Peritoneal Dialysis		18,766.00	265	4,972,990.00
Total				63,112,478.32
National Coordination		26,500.00	1	26,500.00
National Coordination (teaching)		11,000.00	1	11,000.00
National coordination (personnel)	5,982.84	71,794.08	1	71,794.08
National Coordination (physicians)	10,248.42	122,981.04	1	122,981.04
Sub total				232,275.12
Nephrologists (salary)	62,682.52	752,190.24	0.87*	654,405.51
Nephrologists (shifts)	41,600.00	499,200.00	0.87*	434,304.00
Nephrologists (productivity)	2,142.00	25,704.00	1	25,704.00
Sub total				1,114,413.51
General practitioners (salary)	71,029.00	852,348.00	1	852,348.00
General practitioners (shifts)	19,960.00	239,520.00	1	239,520.00
Sub total				1,091,868.00
Nurses (salary)	129,680.19	1,556,162.28	1	1,556,162.28
Nurses (shifts)	37,227.00	446,724.00	1	446,724.00
Sub total				2,002,886.28
TOTAL (HD+PD)				67,553,921.23
Yearly cost / patient (HD+PD)				38,580.19 USD

*Shifts are calculated only for HD (Prevalence of HD =0.87).

Supplementary Table 2. Estimates Costs of HD (USD) in CETRERSA, year 2015

HD (PRIVATE)			
	Monthly cost 2015	Yearly Cost	Cost/HD
Human resources	Private		
Personal (Nephrologists, General Practitioners, Nurses, etc.)	123757.00	1485084.00	147.86
Subtotal Human Resources	123757.00	1,485,084.00	147.86
Basic Services	Private		
Water	400.00	4,800.00	0.48
Electricity	3,886.00	46,632.00	4.64
Subtotal Basic Services	4,286.00	51,432.00	5.12
Travel expenses	Private		
Food/Travel expenses companions	57.00	684.00	0.07
Travel expenses patients	1605.00	19260.00	1.92
Subtotal Travel expenses	1,662.00	19,944.00	1.99
Infrastructure	Private		
Maintenance and buildings	1,235.00	14,820.00	1.48
Maintenance of equipment	7,018.00	84,216.00	8.38
Estimation of the use of buildings	29,151.00	349,812.00	34.83
Equipment utilization	4,184.00	50,208.00	5.00
Subtotal Infrastructure	41,588.00	499,056.00	49.69
Materials and supplies	Private		
Food-patients and human resources	2572.00	30864.00	3.07
Cost of clothing: sheets, patient gowns, disposable bed cover,	3048.00	36576.00	3.64
Diesel	1026.00	12312.00	1.23
Medicines	10091.00	121092.00	12.06
Pharmaceuticals supplies	38224.00	458688.00	45.67
Cleaning articles	639.00	7668.00	0.76
Laboratories	1125.00	13500.00	1.34
Office materials	773.00	9276.00	0.92
Surgical Medical Instruments	4324.00	51888.00	5.17
Subtotal Materials and Supplies	61,822.00	741,864.00	73.86
Machinery and equipment	Private		
Number of HD			10044
Number of patients			64
	Monthly cost 2015	Yearly Cost	Cost/HD
Total	233,115.00	2,797,380.00	278.51

Cost/patient
43,447.96 USD

Supplementary Table 3. Years of Life Lost-USD due to CKD mortality below 40 years of age, according to provinces in Panama. Year 2015

Province*	YLLs-USD
Panamá	1,548,252.11
Coclé	459,212.85
Colón	314,586.97
Chiriquí	301,269.05
Panamá Oeste	298,389.39
Emberá Indigenous	160,991.2
Bocas del Toro	152,671.82
Los Santos	143,929.82

** Provinces with recorded deaths due to CKD in the age below 40 years.*