

## Concise Summary of Essential Statistics for year 2019

### A) Total General Population of Malaysia

Country	Year	Number by Sex		Number of People by Age Category					Unknown	Total
		Female	Male	0-19	20-44	45-64	65-74	75+		
Malaysia	2015	14831500	15653800	10455700	12620900	5628800	1171000	608800	0	30485200
Malaysia	2016	15031400	15844000	10451000	12792100	5770900	1228000	633400	0	30875400
Malaysia	2017	15488600	16561100	10605900	13613100	5827900	1344100	658700	0	32049700
Malaysia	2018	15660800	16721400	10577600	13772900	5937000	1415100	679600	0	32382300
Malaysia	2019	15758200	16764900	10510100	13805300	6017700	1482900	707200	0	32523000

### B) Incidence of ESRD Renal Replacement Therapy

Incidence: the count of patients who start any form of renal replacement therapy during the year. These are first-time patients only; patients who start dialysis after a failed transplant, for example, were not included.

Country	Year	Number by Sex		Number of People by Age Category					Unknown	Total
		Female	Male	0-19	20-44	45-64	65-74	75+		
Malaysia	2015	3565	4587	128	1470	4391	1733	430	0	8152
Malaysia	2016	3661	4530	111	1482	4471	1691	436	0	8191
Malaysia	2017	3704	4488	104	1514	4357	1785	432	0	8192
Malaysia	2018	3897	4734	110	1621	4538	1885	477	0	8631
Malaysia	2019	4291	5286	151	1851	4963	2087	525	0	9577

**C.1) Prevalence: Total Number of ESRD Patients Receiving Renal Replacement Therapy (All Treatment Categories) at the End of the Year (December 31)**

All patients receiving either dialysis or living with a kidney transplant for ESRD treatment at end of year.

Country	Year	Number by Sex		Number of People by Age Category					Unknown	Total
		Female	Male	0-19	20-44	45-64	65-74	75+		
Malaysia	2015	18007	21931	1036	10972	20769	5926	1235	0	39938
Malaysia	2016	19183	23356	1078	11653	22158	6341	1309	0	42539
Malaysia	2017	20156	24234	1105	12148	23069	6696	1372	0	44390
Malaysia	2018	21184	25158	1105	12682	23970	7136	1449	0	46342
Malaysia	2019	22262	26270	1165	13298	24988	7546	1535	0	48532

**C.2) Prevalence: Total Number of ESRD Patients with a Functioning Kidney Transplant at the End of the Year (December 31)**

All patients living with a functioning kidney transplant at end of the year for treatment of ESRD.

Country	Year	Number by Sex		Number of People by Age Category					Unknown	Total
		Female	Male	0-19	20-44	45-64	65-74	75+		
Malaysia	2015	734	1115	184	1113	536	16	0	0	1849
Malaysia	2016	724	1099	175	1095	530	22	1	0	1823
Malaysia	2017	728	1115	172	1105	539	26	1	0	1843
Malaysia	2018	719	1090	164	1087	531	26	1	0	1809
Malaysia	2019	735	1107	162	1107	544	28	1	0	1842

**C.3) Prevalence: Total Number of ESRD Patients on Dialysis at End of the Year (December 31)**

All patients receiving dialysis at end of year for ESRD therapy.

Country	Year	Number by Sex		Number of People by Age Category					Unknown	Total
		Female	Male	0-19	20-44	45-64	65-74	75+		
Malaysia	2015	17273	20816	852	9859	20233	5910	1235	0	38089
Malaysia	2016	18459	22257	903	10558	21628	6319	1308	0	40716
Malaysia	2017	19428	23119	933	11043	22530	6670	1371	0	42547
Malaysia	2018	20465	24068	941	11595	23439	7110	1448	0	44533
Malaysia	2019	21527	25163	1003	12191	24444	7518	1534	0	46690

**C.4) Prevalence: Total Number of ESRD Patients on In-Center Hemodialysis at the End of the Year (December 31)**

All patients treated with in-center hemodialysis for ESRD therapy at the end of each year.

Country	Year	Number by Sex		Number of People by Age Category					Unknown	Total
		Female	Male	0-19	20-44	45-64	65-74	75+		
Malaysia	2015	15260	18827	546	8782	18335	5309	1115	0	34087
Malaysia	2016	16371	20147	587	9358	19679	5704	1190	0	36518
Malaysia	2017	17209	20823	626	9691	20466	5999	1250	0	38032
Malaysia	2018	18101	21674	625	10168	21227	6435	1320	0	39775
Malaysia	2019	19050	22543	662	10675	22039	6797	1420	0	41593

**C.5) Prevalence: Total Number of ESRD Patients on CAPD, APD, or IPD at the End of the Year (December 31)**

All patients treated with continuous ambulatory peritoneal dialysis, automated peritoneal dialysis, or intermittent peritoneal dialysis for ESRD therapy at the end of each year.

Country	Year	Number by Sex		Number of People by Age Category					Unknown	Total
		Female	Male	0-19	20-44	45-64	65-74	75+		
Malaysia	2015	1928	1864	306	1011	1784	578	113	0	3792
Malaysia	2016	2005	1984	316	1130	1841	588	114	0	3989
Malaysia	2017	2138	2164	307	1287	1949	641	118	0	4302
Malaysia	2018	2294	2287	315	1373	2112	654	127	0	4581
Malaysia	2019	2407	2521	341	1462	2311	700	114	0	4928

**D.1) Transplant: Total Number of Deceased Donor (Cadaveric) Kidney Transplants During the Year**

Total number of deceased donor (cadaveric) kidney transplantations performed during the year.

Country	Year	Number by Sex		Number of Transplants by Age Category					Unknown	Total
		Female	Male	0-19	20-44	45-64	65-74	75+		
Malaysia	2015	24	28	6	21	25	0	0	0	52
Malaysia	2016	6	6	0	6	6	0	0	0	12
Malaysia	2017	10	18	0	16	11	1	0	0	28
Malaysia	2018	2	11	1	7	4	1	0	0	13
Malaysia	2019	17	14	2	17	12	0	0	0	31

**D.2) Transplant: Total Number of Living Donor Kidney Transplants During the Year**

Total number of living donor kidney transplantations performed during the year.

Country	Year	Number by Sex		Number of Transplants by Age Category					Unknown	Total
		Female	Male	0-19	20-44	45-64	65-74	75+		
Malaysia	2015	17	31	0	31	14	3	0	0	48
Malaysia	2016	11	38	2	28	16	3	0	0	49
Malaysia	2017	22	44	3	42	19	2	0	0	66
Malaysia	2018	30	50	6	44	26	4	0	0	80
Malaysia	2019	50	76	5	69	45	7	0	0	126

**D.3) Transplant: Total Number of Kidney Transplants During the Year with Unknown Donor Type**

Total number of kidney transplantations performed during the year in which it was unknown whether the transplant was a deceased (cadaveric) or living donor kidney transplant.

Country	Year	Number by Sex		Number of Transplants by Age Category					Unknown	Total
		Female	Male	0-19	20-44	45-64	65-74	75+		
Malaysia	2015	6	7	0	4	8	1	0	0	13
Malaysia	2016	12	15	0	7	15	4	1	0	27
Malaysia	2017	5	13	0	3	13	2	0	0	18
Malaysia	2018	0	2	0	0	2	0	0	0	2
Malaysia	2019	1	4	0	2	3	0	0	0	5