

Supplementary Table 1 Demonstrates annual information regarding the infrastructure, expenditure on healthcare (2021), donor pool and total transplantations per country (2022)

Country	National Organization	Transplant	Infra-structure	Exp. On Healthcar e domestic product)	Exp. Per capita (dollar)	Donation policy	Total donors	Deceased donors (pmp)	Living donors (pmp)	Total Transplanta tions (pmp)
United States	United Network Organ Sharing	for	Public-Private Partnership	17.30	13493	Opt-in	21366	14904 (44.52)	6462 (19.31)	43743 (130.65)
Brazil	Sistema Nacional de Transplantes		Public	9.89	761	Opt-in	3745	3266 (15.20)	479 (2.20)	7679 (35.65)
United Kingdom	National health service blood and transplant		Public	11.3	5138	Opt-out	2294	1413 (21.08)	881 (12.95)	4581 (66.88)
Spain	Organización Nacional de Trasplantes		Public	10.60	3063	Opt-out	2551	2196 (46.03)	355 (7.44)	5385 (115.31)
Portugal	Instituto Português do Sangue e da Transplantação		Public	11.10	2585	Opt-out	337	318 (30.80)	58 (5.56)	798 (79.01)
France	Agence de la		Public	12.30	5088	Opt-out	2233	1694 (25.80)	539 (8.20)	5503 (83.89)

	Biomedecine									
Greece	Hellenic Organization	Transplant	Public	9.18	1766	Opt-in	152	69 (6.60)	83 (7.90)	246 (23.88)
Croatia	National Coordinator	Transplant	Public	8.10	1338	Opt-out	105	95 (23.20)	10 (2.60)	256 (62.44)
Sweden	Council Representatives of Scandiatransplant		Public	11.20	6512	Opt-out	312	213 (20.90)	99 (9.70)	755 (74.02)
Iran	Each Hospital Independent - Local	Transplant	Public	5.77	392	Opt-in	2292	1016 (12.20)	1276 (15.28)	3510 (40.81)
India	National Tissue Organization	Organ and Transplant	Multiplayer - Public & Private sectors	3.30	74	Opt-in	14292	941 (0.70)	13351 (9.50)	16041 (11.40)
Japan	Japanese Transplant Network	Organ	Public	10.82	4347	Opt-in	1930	108 (0.90)	1822 (14.50)	2300 (18.31)
China	National Donation Transplantation	Organ and	Public	5.38	671	Opt-in	8905	5628 (3.90)	3277 (2.20)	20333 (13.96)

	Committee of China										
South Korea	Korean Network for Organ Sharing	Public	&	9.72	3123	Opt-in	2873	405 (7.88)	2468 (48.02)	3797 (74.02)	
South Africa	Center and Province Dependent	Public & Private Sectors	&	8.27	583	Opt-in	No data was reported for year 2022				
Nigeria	Local Transplant Hospitals	Public & Private Sectors	&	4.08	84	N/A	222	N/A N/A	222 (1.00)	222 (1.00)	
Australia	Australian Organ and Tissue Authority	Public		10.50	6488	Opt-in		454 (17.48)	226 (8.70)	1509 (57.82)	
Ref.	[12,13]	[39-41]						[12,13]			

Exp.: Expenditure; N/A: Not Applicable.