

Renal Transplant Quality Dashboard

Measure Number	Theme	Measure	Description & Provenance	Name of KPI	Numerator	Denominator	Period Type	Frequency	Data Source Numerator	Data Source Denominator	Data presentation	Target	Interpretation Guidance	Construction	Data Quality Concerns	Error Measurement	Notes_1
RTR_01	Renal Transplant	Renal Transplant	Access to renal transplant - waiting time for transplant	Median waiting time for renal transplant for given 3 year period	Median waiting time for deceased donor renal transplant (DBD or DCD) for patients registered for given 3 year period	Total number of patients registered on national transplant list for given 3 year period	Annual	Yearly	NHSBT	NHSBT	Run chart	To be decided	Lower is better	Median wait in days (95%CI) based on a 'survival time analysis' of time from listing to transplant of all patients registered in the time period	None	95% confidence interval provided for median time	Data will always be retrospective and will be dependant on the national kidney allocation scheme. The current allocation scheme was introduced in 2006 and the variability is being reduced in most centres. Whilst centres cannot influence the overall allocation system, variability in decline rates for deceased donor kidneys and differing use of DCD donors may influence waiting times.
RTR_01a	Renal Transplant	Renal Transplant	Access to renal transplant - offered to declined ratio - standard	Ratio of offered to declined renal transplants (DBD only)	Number of declined donors within given period	Number of offered donors within given period	Annual	Yearly	NHSBT	NHSBT	Run chart	To be decided	Lower is better				Data will always be retrospective and will be dependant on the national kidney allocation scheme. The current allocation scheme was introduced in 2006 and the variability is being reduced in most centres. Whilst centres cannot influence the overall allocation system, variability in decline rates for deceased donor kidneys and differing use of DCD donors may influence waiting times.
RTR_01b	Renal Transplant	Renal Transplant	Access to renal transplant - offered to declined ratio - extended	Ratio of offered to declined renal transplants (DBD only)	Number of declined donors within given period	Number of offered donors within given period	Annual	Yearly	NHSBT	NHSBT	Run chart	To be decided	Lower is better				Data will always be retrospective and will be dependant on the national kidney allocation scheme. The current allocation scheme was introduced in 2006 and the variability is being reduced in most centres. Whilst centres cannot influence the overall allocation system, variability in decline rates for deceased donor kidneys and differing use of DCD donors may influence waiting times.
RTR_03	Renal Transplant	Renal Transplant	Access to renal transplant - transplant activity	% of living donor kidney transplants that are pre-emptive	Number of pre-emptive living donor transplants in specified period	Number of living donor transplants in specified period	Annual	Yearly	NHSBT	NHSBT	Run Chart	To be decided	Higher is better	Numerator/denominator x 100	None		See above
RTR_04a	Renal Transplant	Renal Transplant	Access to renal transplant - transplant activity	Number of deceased donor kidney transplants per million population (DBD)	Number of adult deceased donor kidney transplants in specified period	Waiting list size	Annual	Yearly	NHSBT	7 ONS / APHO technical briefing	Run Chart	To be decided	Higher is better	Numerator/denominator	None		
RTR_04b	Renal Transplant	Renal Transplant	Access to renal transplant - transplant activity	Number of deceased donor kidney transplants per million population (DCD)	Number of adult deceased donor kidney transplants in specified period	Waiting list size	Annual	Yearly	NHSBT	7 ONS / APHO technical briefing	Run Chart	To be decided	Higher is better	Numerator/denominator	None		
RTR_08a	Renal Transplant	Renal Transplant	Transplant outcomes - graft and patient survival	One year graft survival for living donor kidney transplants (risk adjusted)	Number of grafts surviving the first year after transplant	Number of transplants in the time period	Annual	Yearly	NHSBT	NHSBT		To be decided	Higher is better	Survival analysis of time from transplant to graft failure, censoring for grafts still functioning at last reported follow-up, adjusted for local case-mix	None	95% confidence interval provided for estimated survival rate	First deceased donor transplants and all living donor kidney transplants
RTR_08b	Renal Transplant	Renal Transplant	Transplant outcomes - graft and patient survival	One year graft survival for deceased donor kidney transplants (risk adjusted)	Number of grafts surviving the first year after transplant	Number of transplants in the time period	Annual	Yearly	NHSBT	NHSBT		To be decided	Higher is better	Survival analysis of time from transplant to graft failure, censoring for grafts still functioning at last reported follow-up, adjusted for local case-mix	None	95% confidence interval provided for estimated survival rate	First deceased donor transplants and all living donor kidney transplants
RTR_09a	Renal Transplant	Renal Transplant	Transplant outcomes - graft and patient survival	One year patient survival for living donor kidney transplants (risk adjusted)	Number of patients surviving the first year after transplant	Number of patients receiving their first transplant in the time period	Annual	Yearly	NHSBT	NHSBT		To be decided	Higher is better	Survival analysis of time from transplant to patient death, censoring for patients still alive and those lost to follow-up, adjusted for local case-mix	None	95% confidence interval provided for estimated survival rate	First deceased donor transplants and first living donor kidney transplants
RTR_09b	Renal Transplant	Renal Transplant	Transplant outcomes - graft and patient survival	One year patient survival for deceased donor kidney transplants (risk adjusted)	Number of patients surviving the first year after transplant	Number of patients receiving their first transplant in the time period	Annual	Yearly	NHSBT	NHSBT		To be decided	Higher is better	Survival analysis of time from transplant to patient death, censoring for patients still alive and those lost to follow-up, adjusted for local case-mix	None	95% confidence interval provided for estimated survival rate	First deceased donor transplants and first living donor kidney transplants
RTR_10a	Renal Transplant	Renal Transplant	Transplant outcomes - graft and patient survival	Five year graft survival for living donor kidney transplants (risk adjusted)	Number of grafts surviving the first five years after transplant	Number of transplants in the time period	Annual	Yearly	NHSBT	NHSBT		To be decided	Higher is better	Survival analysis of time from transplant to graft failure, censoring for grafts still functioning at last reported follow-up, adjusted for local case-mix	None	95% confidence interval provided for estimated survival rate	Five year results will always be attributed to transplanting centre, even if the patient is followed up at a different renal centre.
RTR_10b	Renal Transplant	Renal Transplant	Transplant outcomes - graft and patient survival	Five year graft survival for deceased donor kidney transplants (risk adjusted)	Number of grafts surviving the first five years after transplant	Number of transplants in the time period	Annual	Yearly	NHSBT	NHSBT		To be decided	Higher is better	Survival analysis of time from transplant to graft failure, censoring for grafts still functioning at last reported follow-up, adjusted for local case-mix	None	95% confidence interval provided for estimated survival rate	Five year results will always be attributed to transplanting centre, even if the patient is followed up at a different renal centre.
RTR_11a	Renal Transplant	Renal Transplant	Transplant outcomes - graft and patient survival	Five year patient survival for living donor kidney transplants (risk adjusted)	Number of patients surviving the first five years after transplant	Number of patients receiving their first transplant in the time period	Annual	Yearly	NHSBT	NHSBT		To be decided	Higher is better	Survival analysis of time from transplant to patient death, censoring for patients still alive and those lost to follow-up, adjusted for local case-mix	None	95% confidence interval provided for estimated survival rate	Five year results will always be attributed to transplanting centre, even if the patient is followed up at a different renal centre.
RTR_11b	Renal Transplant	Renal Transplant	Transplant outcomes - graft and patient survival	Five year patient survival for deceased donor kidney transplants (risk adjusted)	Number of patients surviving the first five years after transplant	Number of patients receiving their first transplant in the time period	Annual	Yearly	NHSBT	NHSBT		To be decided	Higher is better	Survival analysis of time from transplant to patient death, censoring for patients still alive and those lost to follow-up, adjusted for local case-mix	None	95% confidence interval provided for estimated survival rate	Five year results will always be attributed to transplanting centre, even if the patient is followed up at a different renal centre.