

**ANZ  
DATA**



**AUSTRALIA &  
NEW ZEALAND**  
LIVING KIDNEY DONATION  
REGISTRY

# MISSING DATA REPORT

Survey Data 2017 – 2021

*Abstract*

The rates of non-response for ANZLKD  
survey items over the last 5 years

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# ANZLKD Missing Data Report



The tables below show the rates of non-response for ANZLKD survey items over the last 5 years, as N (%). The first row (Frequency) shows the number of donors that should have a response for the item. As rates of non-response have increased in recent years, individual hospital missing data reports will also be produced and supplied to units to highlight areas where reporting should improve. Rates can appear higher in the latest survey year as not all survey queries are received by the date of data lock.

**Table 1 Living Kidney Donor Details**

Variable	2017	2018	2019	2020	2021
Frequency	340	322	329	268	287
Donor gender	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Ethnicity 1	18 (5.3%)	13 (4.0%)	0 (0.0%)	6 (2.2%)	14 (4.9%)
Donor country of birth	18 (5.3%)	13 (4.0%)	0 (0.0%)	4 (1.5%)	10 (3.5%)
Donor postcode at transplantation	55 (16.2%)	53 (16.5%)	63 (19.1%)	69 (25.7%)	72 (25.1%)
Relationship to recipient	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Donor height (cms)	11 (3.2%)	22 (6.8%)	5 (1.5%)	10 (3.7%)	16 (5.6%)
Donor weight (kg)	10 (2.9%)	22 (6.8%)	5 (1.5%)	10 (3.7%)	16 (5.6%)
Cigarette Smoking	16 (4.7%)	31 (9.6%)	7 (2.1%)	17 (6.3%)	21 (7.3%)
Family history of diabetes?	11 (3.2%)	35 (10.9%)	10 (3.0%)	22 (8.2%)	28 (9.8%)
Diabetes present?	9 (2.6%)	21 (6.5%)	5 (1.5%)	10 (3.7%)	16 (5.6%)
Hypertension requiring treatment	10 (2.9%)	23 (7.1%)	5 (1.5%)	10 (3.7%)	16 (5.6%)
Systolic blood pressure - maximum (mmHg)	26 (7.6%)	48 (14.9%)	25 (7.6%)	36 (13.4%)	41 (14.3%)
Diastolic blood pressure - minimum (mmHg)	26 (7.6%)	48 (14.9%)	25 (7.6%)	36 (13.4%)	41 (14.3%)
Glucose tolerance test not performed	45 (13.2%)	78 (24.2%)	75 (22.8%)	71 (26.5%)	66 (23.0%)
Donor Serum Creatinine (micromol/L)	9 (2.6%)	21 (6.5%)	5 (1.5%)	10 (3.7%)	17 (5.9%)
Donor Urea (mmol/L)	10 (2.9%)	21 (6.5%)	5 (1.5%)	11 (4.1%)	17 (5.9%)
Method for measured Glomerular Filtration Rate	32 (9.4%)	64 (19.9%)	20 (6.1%)	20 (7.5%)	28 (9.8%)
Glomerular Filtration Rate (mL/min)	34 (10.0%)	60 (18.6%)	30 (9.1%)	33 (12.3%)	38 (13.2%)
24 hour Protein Result (mg/day)	190 (55.9%)	168 (52.2%)	137 (41.6%)	140 (52.2%)	132 (46.0%)
Donor PCR Result (g/mol)	190 (55.9%)	197 (61.2%)	135 (41.0%)	124 (46.3%)	112 (39.0%)
Donor ACR Result (g/mol)	237 (69.7%)	224 (69.6%)	190 (57.8%)	174 (64.9%)	179 (62.4%)
Which kidney?	7 (2.1%)	21 (6.5%)	4 (1.2%)	9 (3.4%)	12 (4.2%)
Type of Operation	8 (2.4%)	24 (7.5%)	5 (1.5%)	10 (3.7%)	12 (4.2%)
Operation approach	30 (8.8%)	60 (18.6%)	31 (9.4%)	39 (14.6%)	19 (6.6%)
Number of arteries	7 (2.1%)	23 (7.1%)	5 (1.5%)	11 (4.1%)	16 (5.6%)
Number of veins	7 (2.1%)	23 (7.1%)	5 (1.5%)	11 (4.1%)	17 (5.9%)
Number of ureters	9 (2.6%)	23 (7.1%)	5 (1.5%)	11 (4.1%)	17 (5.9%)
Infection after operation?	13 (3.8%)	24 (7.5%)	5 (1.5%)	11 (4.1%)	15 (5.2%)
Post operative urine culture?	16 (4.7%)	32 (9.9%)	6 (1.8%)	11 (4.1%)	16 (5.6%)
Further adverse events	26 (7.6%)	43 (13.4%)	5 (1.5%)	11 (4.1%)	19 (6.6%)

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Number of days in hospital	14 (4.1%)	26 (8.1%)	5 (1.5%)	13 (4.9%)	18 (6.3%)
Creatinine on discharge (micromol/L)	15 (4.4%)	32 (9.9%)	5 (1.5%)	13 (4.9%)	21 (7.3%)

**Table 2 Living Kidney follow-up data, 1 years**

Variable	2017	2018	2019	2020	2021
Frequency	342	344	324	327	260
Was donor still alive?	243 (71.1%)	245 (71.2%)	211 (65.1%)	221 (67.6%)	193 (74.2%)
Systolic blood pressure - maximum (mmHg)	250 (73.1%)	257 (74.7%)	224 (69.1%)	246 (75.2%)	208 (80.0%)
Diastolic blood pressure - minimum (mmHg)	250 (73.1%)	257 (74.7%)	224 (69.1%)	247 (75.5%)	208 (80.0%)
Serum Creatinine (micromol/L)	244 (71.3%)	253 (73.5%)	221 (68.2%)	228 (69.7%)	195 (75.0%)
Donor PCR Result (g/mol)	307 (89.8%)	315 (91.6%)	294 (90.7%)	281 (85.9%)	230 (88.5%)
Donor ACR Result (g/mol)	308 (90.1%)	320 (93.0%)	300 (92.6%)	301 (92.0%)	244 (93.8%)
Cigarette smoking?	246 (71.9%)	254 (73.8%)	233 (71.9%)	236 (72.2%)	202 (77.7%)
Diabetes present?	243 (71.1%)	253 (73.5%)	226 (69.8%)	231 (70.6%)	205 (78.8%)
Renal problems?	244 (71.3%)	251 (73.0%)	220 (67.9%)	227 (69.4%)	200 (76.9%)
Vascular event?	245 (71.6%)	251 (73.0%)	221 (68.2%)	228 (69.7%)	200 (76.9%)
Pregnancy since donation (females only)	285 (83.3%)	290 (84.3%)	280 (86.4%)	275 (84.1%)	221 (85.0%)

**Table 3 Living Kidney follow-up data, 2 years**

Variable	2017	2018	2019	2020	2021
Frequency	313	345	332	316	332
Was donor still alive?	217 (69.3%)	263 (76.2%)	242 (72.9%)	217 (68.7%)	248 (74.7%)
Systolic blood pressure - maximum (mmHg)	220 (70.3%)	270 (78.3%)	245 (73.8%)	248 (78.5%)	275 (82.8%)
Diastolic blood pressure - minimum (mmHg)	220 (70.3%)	270 (78.3%)	245 (73.8%)	248 (78.5%)	275 (82.8%)
Serum Creatinine (micromol/L)	218 (69.6%)	265 (76.8%)	249 (75.0%)	230 (72.8%)	251 (75.6%)
Donor PCR Result (g/mol)	284 (90.7%)	320 (92.8%)	304 (91.6%)	289 (91.5%)	302 (91.0%)
Donor ACR Result (g/mol)	282 (90.1%)	319 (92.5%)	315 (94.9%)	292 (92.4%)	307 (92.5%)
Cigarette smoking?	216 (69.0%)	272 (78.8%)	253 (76.2%)	234 (74.1%)	262 (78.9%)
Diabetes present?	215 (68.7%)	266 (77.1%)	248 (74.7%)	233 (73.7%)	264 (79.5%)
Renal problems?	214 (68.4%)	264 (76.5%)	244 (73.5%)	230 (72.8%)	254 (76.5%)
Vascular event?	215 (68.7%)	264 (76.5%)	244 (73.5%)	229 (72.5%)	255 (76.8%)
Pregnancy since donation (females only)	253 (80.8%)	297 (86.1%)	278 (83.7%)	272 (86.1%)	289 (87.0%)

**Table 4 Living Kidney follow-up data, 3 years**

Variable	2017	2018	2019	2020	2021
Frequency	328	313	336	333	320
Was donor still alive?	235 (71.6%)	252 (80.5%)	245 (72.9%)	246 (73.9%)	251 (78.4%)
Systolic blood pressure - maximum (mmHg)	239 (72.9%)	257 (82.1%)	253 (75.3%)	274 (82.3%)	279 (87.2%)
Diastolic blood pressure - minimum (mmHg)	239 (72.9%)	257 (82.1%)	253 (75.3%)	274 (82.3%)	279 (87.2%)
Serum Creatinine (micromol/L)	239 (72.9%)	254 (81.2%)	256 (76.2%)	249 (74.8%)	255 (79.7%)
Donor PCR Result (g/mol)	304 (92.7%)	297 (94.9%)	309 (92.0%)	310 (93.1%)	299 (93.4%)

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Donor ACR Result (g/mol)	300 (91.5%)	300 (95.8%)	307 (91.4%)	303 (91.0%)	301 (94.1%)
Cigarette smoking?	236 (72.0%)	259 (82.7%)	268 (79.8%)	260 (78.1%)	264 (82.5%)
Diabetes present?	236 (72.0%)	254 (81.2%)	263 (78.3%)	258 (77.5%)	263 (82.2%)
Renal problems?	236 (72.0%)	252 (80.5%)	254 (75.6%)	254 (76.3%)	256 (80.0%)
Vascular event?	236 (72.0%)	253 (80.8%)	254 (75.6%)	254 (76.3%)	256 (80.0%)
Pregnancy since donation (females only)	274 (83.5%)	273 (87.2%)	286 (85.1%)	286 (85.9%)	287 (89.7%)

**Table 5 Living Kidney follow-up data, 4 years**

Variable	2017	2018	2019	2020	2021
Frequency	304	322	304	337	342
Was donor still alive?	234 (77.0%)	269 (83.5%)	242 (79.6%)	273 (81.0%)	271 (79.2%)
Systolic blood pressure - maximum (mmHg)	230 (75.7%)	278 (86.3%)	255 (83.9%)	288 (85.5%)	293 (85.7%)
Diastolic blood pressure - minimum (mmHg)	230 (75.7%)	278 (86.3%)	255 (83.9%)	288 (85.5%)	293 (85.7%)
Serum Creatinine (micromol/L)	235 (77.3%)	274 (85.1%)	250 (82.2%)	277 (82.2%)	275 (80.4%)
Donor PCR Result (g/mol)	287 (94.4%)	307 (95.3%)	285 (93.8%)	317 (94.1%)	325 (95.0%)
Donor ACR Result (g/mol)	282 (92.8%)	311 (96.6%)	284 (93.4%)	316 (93.8%)	321 (93.9%)
Cigarette smoking?	234 (77.0%)	274 (85.1%)	254 (83.6%)	283 (84.0%)	283 (82.7%)
Diabetes present?	231 (76.0%)	272 (84.5%)	254 (83.6%)	279 (82.8%)	282 (82.5%)
Renal problems?	231 (76.0%)	272 (84.5%)	250 (82.2%)	277 (82.2%)	277 (81.0%)
Vascular event?	230 (75.7%)	272 (84.5%)	249 (81.9%)	277 (82.2%)	277 (81.0%)
Pregnancy since donation (females only)	266 (87.5%)	289 (89.8%)	271 (89.1%)	304 (90.2%)	303 (88.6%)

**Table 6 Living Kidney follow-up data, 5 years**

Variable	2017	2018	2019	2020	2021
Frequency	272	295	316	308	339
Was donor still alive?	205 (75.4%)	246 (83.4%)	255 (80.7%)	249 (80.8%)	280 (82.6%)
Systolic blood pressure - maximum (mmHg)	210 (77.2%)	247 (83.7%)	255 (80.7%)	269 (87.3%)	293 (86.4%)
Diastolic blood pressure - minimum (mmHg)	210 (77.2%)	247 (83.7%)	255 (80.7%)	269 (87.3%)	293 (86.4%)
Serum Creatinine (micromol/L)	208 (76.5%)	246 (83.4%)	255 (80.7%)	254 (82.5%)	282 (83.2%)
Donor PCR Result (g/mol)	262 (96.3%)	282 (95.6%)	300 (94.9%)	292 (94.8%)	325 (95.9%)
Donor ACR Result (g/mol)	254 (93.4%)	279 (94.6%)	294 (93.0%)	284 (92.2%)	318 (93.8%)
Cigarette smoking?	211 (77.6%)	251 (85.1%)	255 (80.7%)	256 (83.1%)	287 (84.7%)
Diabetes present?	210 (77.2%)	248 (84.1%)	254 (80.4%)	254 (82.5%)	288 (85.0%)
Renal problems?	209 (76.8%)	245 (83.1%)	252 (79.7%)	253 (82.1%)	283 (83.5%)
Vascular event?	209 (76.8%)	246 (83.4%)	252 (79.7%)	254 (82.5%)	283 (83.5%)
Pregnancy since donation (females only)	235 (86.4%)	269 (91.2%)	274 (86.7%)	278 (90.3%)	307 (90.6%)

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**Table 7 Living Kidney follow-up data, 6 years**

Variable	2017	2018	2019	2020	2021
Frequency	292	271	294	319	303
Was donor still alive?	226 (77.4%)	222 (81.9%)	246 (83.7%)	265 (83.1%)	255 (84.2%)
Systolic blood pressure - maximum (mmHg)	223 (76.4%)	232 (85.6%)	247 (84.0%)	279 (87.5%)	267 (88.1%)
Diastolic blood pressure - minimum (mmHg)	223 (76.4%)	232 (85.6%)	247 (84.0%)	279 (87.5%)	267 (88.1%)
Serum Creatinine (micromol/L)	227 (77.7%)	226 (83.4%)	247 (84.0%)	270 (84.6%)	257 (84.8%)
Donor PCR Result (g/mol)	280 (95.9%)	262 (96.7%)	275 (93.5%)	306 (95.9%)	291 (96.0%)
Donor ACR Result (g/mol)	267 (91.4%)	257 (94.8%)	279 (94.9%)	307 (96.2%)	292 (96.4%)
Cigarette smoking?	226 (77.4%)	231 (85.2%)	249 (84.7%)	267 (83.7%)	264 (87.1%)
Diabetes present?	225 (77.1%)	230 (84.9%)	247 (84.0%)	268 (84.0%)	263 (86.8%)
Renal problems?	223 (76.4%)	229 (84.5%)	244 (83.0%)	268 (84.0%)	259 (85.5%)
Vascular event?	225 (77.1%)	229 (84.5%)	243 (82.7%)	267 (83.7%)	259 (85.5%)
Pregnancy since donation (females only)	251 (86.0%)	247 (91.1%)	264 (89.8%)	287 (90.0%)	278 (91.7%)

**Table 8 Living Kidney follow-up data, 7 years**

Variable	2017	2018	2019	2020	2021
Frequency	328	292	263	296	319
Was donor still alive?	259 (79.0%)	240 (82.2%)	212 (80.6%)	252 (85.1%)	270 (84.6%)
Systolic blood pressure - maximum (mmHg)	270 (82.3%)	246 (84.2%)	219 (83.3%)	266 (89.9%)	281 (88.1%)
Diastolic blood pressure - minimum (mmHg)	270 (82.3%)	246 (84.2%)	219 (83.3%)	266 (89.9%)	281 (88.1%)
Serum Creatinine (micromol/L)	268 (81.7%)	248 (84.9%)	218 (82.9%)	255 (86.1%)	271 (85.0%)
Donor PCR Result (g/mol)	310 (94.5%)	279 (95.5%)	251 (95.4%)	284 (95.9%)	304 (95.3%)
Donor ACR Result (g/mol)	301 (91.8%)	276 (94.5%)	247 (93.9%)	287 (97.0%)	303 (95.0%)
Cigarette smoking?	263 (80.2%)	249 (85.3%)	222 (84.4%)	263 (88.9%)	277 (86.8%)
Diabetes present?	264 (80.5%)	248 (84.9%)	218 (82.9%)	262 (88.5%)	276 (86.5%)
Renal problems?	263 (80.2%)	244 (83.6%)	218 (82.9%)	258 (87.2%)	275 (86.2%)
Vascular event?	263 (80.2%)	244 (83.6%)	218 (82.9%)	258 (87.2%)	275 (86.2%)
Pregnancy since donation (females only)	286 (87.2%)	266 (91.1%)	242 (92.0%)	273 (92.2%)	290 (90.9%)

**Table 9 Living Kidney follow-up data, 8 years**

Variable	2017	2018	2019	2020	2021
Frequency	372	330	285	261	303
Was donor still alive?	310 (83.3%)	276 (83.6%)	239 (83.9%)	219 (83.9%)	261 (86.1%)
Systolic blood pressure - maximum (mmHg)	319 (85.8%)	279 (84.5%)	242 (84.9%)	229 (87.7%)	276 (91.1%)
Diastolic blood pressure - minimum (mmHg)	319 (85.8%)	279 (84.5%)	242 (84.9%)	229 (87.7%)	276 (91.1%)
Serum Creatinine (micromol/L)	313 (84.1%)	279 (84.5%)	241 (84.6%)	223 (85.4%)	265 (87.5%)
Donor PCR Result (g/mol)	346 (93.0%)	318 (96.4%)	271 (95.1%)	251 (96.2%)	291 (96.0%)
Donor ACR Result (g/mol)	346 (93.0%)	311 (94.2%)	271 (95.1%)	244 (93.5%)	294 (97.0%)
Cigarette smoking?	317 (85.2%)	282 (85.5%)	246 (86.3%)	225 (86.2%)	268 (88.4%)
Diabetes present?	316 (84.9%)	281 (85.2%)	248 (87.0%)	223 (85.4%)	267 (88.1%)

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Renal problems?	316 (84.9%)	279 (84.5%)	242 (84.9%)	221 (84.7%)	265 (87.5%)
Vascular event?	317 (85.2%)	280 (84.8%)	241 (84.6%)	221 (84.7%)	265 (87.5%)
Pregnancy since donation (females only)	337 (90.6%)	297 (90.0%)	259 (90.9%)	242 (92.7%)	280 (92.4%)

**Table 10 Living Kidney follow-up data, 9 years**

Variable	2017	2018	2019	2020	2021
Frequency	393	364	325	283	263
Was donor still alive?	326 (83.0%)	312 (85.7%)	272 (83.7%)	235 (83.0%)	228 (86.7%)
Systolic blood pressure - maximum (mmHg)	339 (86.3%)	322 (88.5%)	281 (86.5%)	244 (86.2%)	239 (90.9%)
Diastolic blood pressure - minimum (mmHg)	339 (86.3%)	322 (88.5%)	281 (86.5%)	244 (86.2%)	239 (90.9%)
Serum Creatinine (micromol/L)	335 (85.2%)	318 (87.4%)	278 (85.5%)	237 (83.7%)	228 (86.7%)
Donor PCR Result (g/mol)	373 (94.9%)	354 (97.3%)	313 (96.3%)	273 (96.5%)	252 (95.8%)
Donor ACR Result (g/mol)	366 (93.1%)	344 (94.5%)	313 (96.3%)	263 (92.9%)	251 (95.4%)
Cigarette smoking?	335 (85.2%)	320 (87.9%)	280 (86.2%)	240 (84.8%)	234 (89.0%)
Diabetes present?	334 (85.0%)	317 (87.1%)	277 (85.2%)	240 (84.8%)	232 (88.2%)
Renal problems?	334 (85.0%)	318 (87.4%)	275 (84.6%)	237 (83.7%)	230 (87.5%)
Vascular event?	334 (85.0%)	318 (87.4%)	276 (84.9%)	237 (83.7%)	231 (87.8%)
Pregnancy since donation (females only)	362 (92.1%)	344 (94.5%)	293 (90.2%)	260 (91.9%)	245 (93.2%)

**Table 11 Living Kidney follow-up data, 10 years**

Variable	2017	2018	2019	2020	2021
Frequency	306	395	357	318	286
Was donor still alive?	244 (79.7%)	337 (85.3%)	304 (85.2%)	270 (84.9%)	244 (85.3%)
Systolic blood pressure - maximum (mmHg)	250 (81.7%)	329 (83.3%)	312 (87.4%)	278 (87.4%)	252 (88.1%)
Diastolic blood pressure - minimum (mmHg)	250 (81.7%)	329 (83.3%)	312 (87.4%)	278 (87.4%)	252 (88.1%)
Serum Creatinine (micromol/L)	244 (79.7%)	328 (83.0%)	314 (88.0%)	275 (86.5%)	248 (86.7%)
Donor PCR Result (g/mol)	292 (95.4%)	372 (94.2%)	344 (96.4%)	310 (97.5%)	276 (96.5%)
Donor ACR Result (g/mol)	282 (92.2%)	380 (96.2%)	339 (95.0%)	298 (93.7%)	269 (94.1%)
Cigarette smoking?	247 (80.7%)	335 (84.8%)	318 (89.1%)	277 (87.1%)	252 (88.1%)
Diabetes present?	247 (80.7%)	335 (84.8%)	313 (87.7%)	276 (86.8%)	252 (88.1%)
Renal problems?	247 (80.7%)	330 (83.5%)	312 (87.4%)	272 (85.5%)	248 (86.7%)
Vascular event?	247 (80.7%)	330 (83.5%)	315 (88.2%)	275 (86.5%)	248 (86.7%)
Pregnancy since donation (females only)	265 (86.6%)	357 (90.4%)	334 (93.6%)	286 (89.9%)	266 (93.0%)

**Table 12 Living Kidney follow-up data, 11 years**

Variable	2017	2018	2019	2020	2021
Frequency	303	301	383	355	318
Was donor still alive?	255 (84.2%)	259 (86.0%)	333 (86.9%)	296 (83.4%)	279 (87.7%)
Systolic blood pressure - maximum (mmHg)	251 (82.8%)	275 (91.4%)	339 (88.5%)	305 (85.9%)	290 (91.2%)
Diastolic blood pressure - minimum (mmHg)	251 (82.8%)	275 (91.4%)	339 (88.5%)	305 (85.9%)	290 (91.2%)
Serum Creatinine (micromol/L)	251 (82.8%)	266 (88.4%)	335 (87.5%)	297 (83.7%)	284 (89.3%)



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Donor PCR Result (g/mol)	289 (95.4%)	290 (96.3%)	371 (96.9%)	331 (93.2%)	307 (96.5%)
Donor ACR Result (g/mol)	287 (94.7%)	284 (94.4%)	358 (93.5%)	327 (92.1%)	299 (94.0%)
Cigarette smoking?	250 (82.5%)	270 (89.7%)	338 (88.3%)	303 (85.4%)	287 (90.3%)
Diabetes present?	249 (82.2%)	266 (88.4%)	338 (88.3%)	300 (84.5%)	287 (90.3%)
Renal problems?	249 (82.2%)	266 (88.4%)	335 (87.5%)	298 (83.9%)	284 (89.3%)
Vascular event?	249 (82.2%)	266 (88.4%)	336 (87.7%)	298 (83.9%)	284 (89.3%)
Pregnancy since donation (females only)	265 (87.5%)	278 (92.4%)	355 (92.7%)	324 (91.3%)	293 (92.1%)

**Table 13 Living Kidney follow-up data, 12 years**

Variable	2017	2018	2019	2020	2021
Frequency	267	296	288	386	348
Was donor still alive?	225 (84.3%)	256 (86.5%)	241 (83.7%)	334 (86.5%)	323 (92.8%)
Systolic blood pressure - maximum (mmHg)	234 (87.6%)	263 (88.9%)	251 (87.2%)	344 (89.1%)	326 (93.7%)
Diastolic blood pressure - minimum (mmHg)	234 (87.6%)	263 (88.9%)	251 (87.2%)	344 (89.1%)	326 (93.7%)
Serum Creatinine (micromol/L)	232 (86.9%)	259 (87.5%)	249 (86.5%)	336 (87.0%)	323 (92.8%)
Donor PCR Result (g/mol)	257 (96.3%)	287 (97.0%)	283 (98.3%)	372 (96.4%)	337 (96.8%)
Donor ACR Result (g/mol)	252 (94.4%)	284 (95.9%)	267 (92.7%)	365 (94.6%)	335 (96.3%)
Cigarette smoking?	234 (87.6%)	263 (88.9%)	250 (86.8%)	340 (88.1%)	327 (94.0%)
Diabetes present?	233 (87.3%)	259 (87.5%)	248 (86.1%)	338 (87.6%)	326 (93.7%)
Renal problems?	233 (87.3%)	259 (87.5%)	247 (85.8%)	336 (87.0%)	324 (93.1%)
Vascular event?	233 (87.3%)	259 (87.5%)	247 (85.8%)	338 (87.6%)	324 (93.1%)
Pregnancy since donation (females only)	239 (89.5%)	269 (90.9%)	255 (88.5%)	357 (92.5%)	334 (96.0%)

**Table 14 Living Kidney follow-up data, 13 years**

Variable	2017	2018	2019	2020	2021
Frequency	248	266	286	295	384
Was donor still alive?	219 (88.3%)	229 (86.1%)	252 (88.1%)	243 (82.4%)	339 (88.3%)
Systolic blood pressure - maximum (mmHg)	219 (88.3%)	236 (88.7%)	254 (88.8%)	251 (85.1%)	352 (91.7%)
Diastolic blood pressure - minimum (mmHg)	219 (88.3%)	236 (88.7%)	254 (88.8%)	251 (85.1%)	352 (91.7%)
Serum Creatinine (micromol/L)	218 (87.9%)	236 (88.7%)	254 (88.8%)	246 (83.4%)	342 (89.1%)
Donor PCR Result (g/mol)	241 (97.2%)	257 (96.6%)	277 (96.9%)	283 (95.9%)	370 (96.4%)
Donor ACR Result (g/mol)	238 (96.0%)	257 (96.6%)	274 (95.8%)	275 (93.2%)	366 (95.3%)
Cigarette smoking?	220 (88.7%)	237 (89.1%)	254 (88.8%)	248 (84.1%)	345 (89.8%)
Diabetes present?	217 (87.5%)	234 (88.0%)	253 (88.5%)	247 (83.7%)	343 (89.3%)
Renal problems?	217 (87.5%)	233 (87.6%)	253 (88.5%)	246 (83.4%)	341 (88.8%)
Vascular event?	217 (87.5%)	234 (88.0%)	253 (88.5%)	246 (83.4%)	342 (89.1%)
Pregnancy since donation (females only)	230 (92.7%)	247 (92.9%)	262 (91.6%)	259 (87.8%)	358 (93.2%)

# ANZLKD Missing Data Report



**Table 15 Living Kidney follow-up data, 14 years**

Variable	2017	2018	2019	2020	2021
Frequency	46	242	257	290	288
Was donor still alive?	35 (76.1%)	227 (93.8%)	227 (88.3%)	251 (86.6%)	255 (88.5%)
Systolic blood pressure - maximum (mmHg)	38 (82.6%)	227 (93.8%)	233 (90.7%)	255 (87.9%)	265 (92.0%)
Diastolic blood pressure - minimum (mmHg)	38 (82.6%)	227 (93.8%)	233 (90.7%)	255 (87.9%)	265 (92.0%)
Serum Creatinine (micromol/L)	37 (80.4%)	224 (92.6%)	231 (89.9%)	252 (86.9%)	255 (88.5%)
Donor PCR Result (g/mol)	44 (95.7%)	239 (98.8%)	251 (97.7%)	278 (95.9%)	280 (97.2%)
Donor ACR Result (g/mol)	43 (93.5%)	238 (98.3%)	244 (94.9%)	275 (94.8%)	275 (95.5%)
Cigarette smoking?	37 (80.4%)	228 (94.2%)	235 (91.4%)	254 (87.6%)	259 (89.9%)
Diabetes present?	36 (78.3%)	226 (93.4%)	234 (91.1%)	253 (87.2%)	258 (89.6%)
Renal problems?	37 (80.4%)	225 (93.0%)	231 (89.9%)	252 (86.9%)	256 (88.9%)
Vascular event?	37 (80.4%)	225 (93.0%)	231 (89.9%)	253 (87.2%)	257 (89.2%)
Pregnancy since donation (females only)	40 (87.0%)	234 (96.7%)	243 (94.6%)	269 (92.8%)	264 (91.7%)

**Table 16 Living Kidney follow-up data, 15 years**

Variable	2017	2018	2019	2020	2021
Frequency	25	49	239	252	292
Was donor still alive?	20 (80.0%)	35 (71.4%)	208 (87.0%)	221 (87.7%)	250 (85.6%)
Systolic blood pressure - maximum (mmHg)	20 (80.0%)	38 (77.6%)	212 (88.7%)	229 (90.9%)	257 (88.0%)
Diastolic blood pressure - minimum (mmHg)	20 (80.0%)	38 (77.6%)	212 (88.7%)	229 (90.9%)	257 (88.0%)
Serum Creatinine (micromol/L)	20 (80.0%)	37 (75.5%)	210 (87.9%)	221 (87.7%)	254 (87.0%)
Donor PCR Result (g/mol)	24 (96.0%)	47 (95.9%)	233 (97.5%)	247 (98.0%)	285 (97.6%)
Donor ACR Result (g/mol)	23 (92.0%)	43 (87.8%)	227 (95.0%)	238 (94.4%)	274 (93.8%)
Cigarette smoking?	20 (80.0%)	38 (77.6%)	217 (90.8%)	228 (90.5%)	256 (87.7%)
Diabetes present?	20 (80.0%)	38 (77.6%)	213 (89.1%)	226 (89.7%)	255 (87.3%)
Renal problems?	20 (80.0%)	38 (77.6%)	211 (88.3%)	223 (88.5%)	252 (86.3%)
Vascular event?	20 (80.0%)	38 (77.6%)	211 (88.3%)	224 (88.9%)	253 (86.6%)
Pregnancy since donation (females only)	23 (92.0%)	42 (85.7%)	223 (93.3%)	237 (94.0%)	264 (90.4%)

**Table 17 Living Kidney follow-up data, 16 years**

Variable	2017	2018	2019	2020	2021
Frequency	22	26	45	239	257
Was donor still alive?	17 (77.3%)	21 (80.8%)	34 (75.6%)	208 (87.0%)	233 (90.7%)
Systolic blood pressure - maximum (mmHg)	18 (81.8%)	22 (84.6%)	36 (80.0%)	219 (91.6%)	239 (93.0%)
Diastolic blood pressure - minimum (mmHg)	18 (81.8%)	22 (84.6%)	36 (80.0%)	219 (91.6%)	239 (93.0%)
Serum Creatinine (micromol/L)	18 (81.8%)	21 (80.8%)	36 (80.0%)	211 (88.3%)	236 (91.8%)
Donor PCR Result (g/mol)	22 (100.0%)	26 (100.0%)	43 (95.6%)	230 (96.2%)	250 (97.3%)
Donor ACR Result (g/mol)	21 (95.5%)	25 (96.2%)	40 (88.9%)	227 (95.0%)	249 (96.9%)
Cigarette smoking?	18 (81.8%)	21 (80.8%)	37 (82.2%)	212 (88.7%)	237 (92.2%)
Diabetes present?	18 (81.8%)	21 (80.8%)	37 (82.2%)	211 (88.3%)	236 (91.8%)



# ANZLKD Missing Data Report



Renal problems?	18 (81.8%)	21 (80.8%)	37 (82.2%)	211 (88.3%)	234 (91.1%)
Vascular event?	18 (81.8%)	21 (80.8%)	37 (82.2%)	212 (88.7%)	235 (91.4%)
Pregnancy since donation (females only)	21 (95.5%)	23 (88.5%)	42 (93.3%)	223 (93.3%)	242 (94.2%)

**Table 18 Living Kidney follow-up data, 17 years**

Variable	2017	2018	2019	2020	2021
Frequency	21	24	26	45	238
Was donor still alive?	15 (71.4%)	15 (62.5%)	21 (80.8%)	37 (82.2%)	217 (91.2%)
Systolic blood pressure - maximum (mmHg)	16 (76.2%)	17 (70.8%)	21 (80.8%)	38 (84.4%)	220 (92.4%)
Diastolic blood pressure - minimum (mmHg)	16 (76.2%)	17 (70.8%)	21 (80.8%)	38 (84.4%)	220 (92.4%)
Serum Creatinine (micromol/L)	16 (76.2%)	17 (70.8%)	21 (80.8%)	38 (84.4%)	219 (92.0%)
Donor PCR Result (g/mol)	20 (95.2%)	24 (100.0%)	26 (100.0%)	44 (97.8%)	231 (97.1%)
Donor ACR Result (g/mol)	19 (90.5%)	23 (95.8%)	25 (96.2%)	42 (93.3%)	229 (96.2%)
Cigarette smoking?	16 (76.2%)	16 (66.7%)	22 (84.6%)	37 (82.2%)	219 (92.0%)
Diabetes present?	16 (76.2%)	16 (66.7%)	22 (84.6%)	37 (82.2%)	219 (92.0%)
Renal problems?	16 (76.2%)	16 (66.7%)	21 (80.8%)	37 (82.2%)	218 (91.6%)
Vascular event?	16 (76.2%)	16 (66.7%)	21 (80.8%)	37 (82.2%)	218 (91.6%)
Pregnancy since donation (females only)	16 (76.2%)	21 (87.5%)	23 (88.5%)	40 (88.9%)	225 (94.5%)