

Supplementary Table 1: Incidence of chronic kidney disease in Tasmania by geographical region

Year	Hobart and South East						Launceston and North East						West and North West					
	Crude			Age standardised			Crude			Age standardised			Crude			Age standardised		
	ERP (18+)*	No. with CKD	per 10,000	%	per 10,000	95% CI	ERP (18+)*	No. with CKD	per 10,000	%	per 10,000	95% CI	ERP (18+)*	No. with CKD	per 10,000	%	per 10,000	95% CI
2004	179620	2827	157	1.52	152	146.4–157.6	103963	991	95	0.93	93	87.2–98.8	81732	1400	171	1.62	162	153.5–170.5
2005	178979	3303	185	1.93	193	186.4–199.6	104029	1262	121	1.23	123	116.2–129.8	80762	1699	210	2.1	210	200–220
2006	177962	2418	136	1.54	154	147.9–160.1	103448	1305	126	1.35	135	127.7–142.3	79978	1302	163	1.76	176	166.4–185.6
2007	178032	1870	105	1.24	124	118.4–129.6	103377	1348	130	1.46	146	138.2–153.8	79781	986	124	1.41	141	132.2–149.8
2008	179719	1610	90	1.09	109	103.7–114.3	103218	1001	97	1.12	112	105.1–118.9	80248	711	89	1.04	104	96.4–111.6
2009	182099	1542	85	1.04	104	98.8–109.2	103733	797	77	0.91	91	84.7–97.3	81128	605	75	0.88	88	81–95
2010	184469	1649	89	1.09	109	103.7–114.3	104441	919	88	1.03	103	96.3–109.7	81706	718	88	1	100	92.7–107.3
2011	185964	1910	103	1.25	125	119.4–130.6	104864	1094	104	1.2	120	112.9–127.1	81815	872	107	1.21	121	113–129
2012	186477	2305	124	1.49	149	142.9–155.1	104293	1089	104	1.22	122	114.8–129.2	81206	987	122	1.35	135	126.6–143.4
2013	186511	2417	130	1.56	156	149.8–162.2	103783	1141	110	1.27	127	119.6–134.4	80435	957	119	1.34	134	125.5–142.5
2014	187200	1548	83	1.02	102	96.9–107.1	103419	1055	102	1.16	116	109–123	79858	891	112	1.29	129	120.5–137.5
2015	188849	1404	74	0.89	89	84.3–93.7	103293	892	86	0.99	99	92.5–105.5	79428	868	109	1.25	125	116.7–133.3
2016	190771	1338	70	0.82	82	77.6–86.4	103424	835	81	0.91	91	84.8–97.2	79017	976	124	1.32	132	123.7–140.3
2017	193635	1487	77	0.87	87	82.6–91.4	104259	914	88	0.98	98	91.6–104.4	79046	913	116	1.28	128	119.7–136.3

CKD: Chronic kidney disease, ERP: Estimated resident population, 18+: aged 18 years and older.

Supplementary Table 2: Incidence of chronic kidney disease in Tasmania by gender

Year	Women							Men						
	Crude				Age standardised			Crude				Age standardised		
	ERP (18+)*	Number with CKD	%	per 10,000	%	per 10,000	95% CI	ERP (18+)*	Number with CKD	%	per 10,000	%	per 10,000	95% CI
2004	187674	2911	1.55	155	1.51	151	145.5–156.5	177641	2307	1.3	130	1.24	124	118.9–129.1
2005	186612	3662	1.96	196	2.03	203	196.4–209.6	177159	2602	1.47	147	1.49	149	143.3–154.7
2006	184995	2881	1.56	156	1.74	174	167.6–180.4	176393	2144	1.22	122	1.32	132	126.4–137.6
2007	184129	2369	1.29	129	1.51	151	144.9–157.1	177061	1835	1.04	104	1.16	116	110.7–121.3
2008	184478	1823	0.99	99	1.22	122	116.4–127.6	178708	1499	0.84	84	0.95	95	90.2–99.8
2009	185822	1551	0.83	83	1.05	105	99.8–110.2	181139	1393	0.77	77	0.87	87	82.4–91.6
2010	187228	1774	0.95	95	1.17	117	111.6–122.4	183388	1512	0.82	82	0.92	92	87.4–96.6
2011	187836	2049	1.09	109	1.35	135	129.2–140.8	184807	1827	0.99	99	1.09	109	104–114
2012	187552	2275	1.21	121	1.5	150	143.8–156.2	184423	2106	1.14	114	1.24	124	118.7–129.3
2013	187134	2373	1.27	127	1.58	158	151.6–164.4	183596	2142	1.17	117	1.26	126	120.7–131.3
2014	187302	1767	0.94	94	1.19	119	113.5–124.5	183176	1727	0.94	94	1.03	103	98.1–107.9
2015	188248	1617	0.86	86	1.06	106	100.8–111.2	183323	1547	0.84	84	0.91	91	86.5–95.5
2016	189496	1580	0.83	83	1.01	101	96–106	183717	1569	0.85	85	0.88	88	83.6–92.4
2017	191509	1663	0.87	87	1.05	105	100–110	185432	1651	0.89	89	0.91	91	86.6–95.4

CKD: Chronic kidney disease, ERP: Estimated resident population, 18+: aged 18 years and older.

Supplementary Table 3: Prevalence of chronic kidney disease in Tasmania by geographical region

Year	Hobart and South East						Launceston and North East						West and North West					
	Crude		Age standardised				Crude		Age standardised				Crude		Age standardised			
	ERP (18+)*	No. with CKD	per 10,000	%	per 10,000	95% CI	ERP (18+)*	No. with CKD	per 10,000	%	per 10,000	95% CI	ERP (18+)*	No. with CKD	per 10,000	%	per 10,000	95% CI
2004	179769	2976	166	1.61	161	155.2–166.8	104030	1058	102	1	100	94–106	81798	1466	179	1.7	170	161.3–178.7
2005	181955	6015	331	3.18	318	310–326	105087	2263	215	2.08	208	199.4–216.6	82228	3041	370	3.43	343	330.8–355.2
2006	183977	7840	426	4.04	404	395.1–412.9	105711	3371	319	3.06	306	295.7–316.3	83019	4111	495	4.49	449	435.3–462.7
2007	185872	8926	480	4.47	447	437.7–456.3	106748	4458	418	3.96	396	384.4–407.6	83892	4747	566	5.04	504	489.7–518.3
2008	188645	9640	511	4.73	473	463.6–482.4	107676	5083	472	4.39	439	426.9–451.1	84995	5056	595	5.23	523	508.6–537.4
2009	191739	10310	538	4.94	494	484.5–503.5	108816	5504	506	4.65	465	452.7–477.3	86184	5236	608	5.29	529	514.7–543.3
2010	194779	11058	568	5.17	517	507.4–526.6	109945	6012	547	4.96	496	483.5–508.5	86942	5515	634	5.45	545	530.6–559.4
2011	197022	11984	608	5.48	548	538.2–557.8	110876	6679	602	5.35	535	522.2–547.8	87330	5954	682	5.74	574	559.4–588.6
2012	198461	13326	671	5.93	593	582.9–603.1	110972	7260	654	5.71	571	557.9–584.1	87160	6491	745	6.13	613	598.1–627.9
2013	199837	14628	732	6.35	635	624.7–645.3	111043	7881	710	6.06	606	592.6–619.4	86926	7000	805	6.51	651	635.7–666.3
2014	201828	15139	750	6.37	637	626.9–647.1	111300	8414	756	6.33	633	619.5–646.5	86858	7388	851	6.73	673	657.7–688.3
2015	203988	15450	757	6.31	631	621.1–640.9	111707	8753	784	6.44	644	630.5–657.5	86816	7751	893	6.94	694	678.5–709.5
2016	206221	15667	760	6.22	622	612.3–631.7	112177	8972	800	6.49	649	635.6–662.4	86768	8149	939	7.13	713	697.5–728.5
2017	209302	16047	767	6.16	616	606.5–625.5	113231	9319	823	6.51	651	637.8–664.2	87195	8490	974	7.24	724	708.6–739.4

CKD: Chronic kidney disease, ERP: Estimated resident population, 18+: aged 18 years and older.

Supplementary Table 4: CKD stages in each year

Stage determined by first eGFR of the year (or previous year(s))						
Year	Total	Stage 3A	Stage 3B	Stage 4	Stage 5	Stage 5KRT
2004	5,470	2,364 (43.2%)	1,890 (34.6%)	771 (14.1%)	156 (2.9%)	289 (5.3%)
2005	10,871	5,403 (49.7%)	3,632 (33.4%)	1,309 (12.0%)	212 (2.0%)	315 (2.9%)
2006	13,932	7,290 (52.3%)	4,537 (32.6%)	1,545 (11.1%)	219 (1.6%)	341 (2.4%)
2007	15,866	8,617 (54.3%)	4,946 (31.2%)	1,736 (10.9%)	189 (1.2%)	378 (2.4%)
2008	16,202	9,095 (56.1%)	4,869 (30.1%)	1,646 (10.2%)	192 (1.2%)	400 (2.5%)
2009	16,671	9,327 (55.9%)	5,042 (30.2%)	1,689 (10.1%)	181 (1.1%)	432 (2.6%)
2010	18,168	10,276 (56.6%)	5,527 (30.4%)	1,728 (9.5%)	180 (1.0%)	457 (2.5%)
2011	20,406	11,648 (57.1%)	6,176 (30.3%)	1,908 (9.4%)	198 (1.0%)	476 (2.3%)
2012	22,330	12,998 (58.2%)	6,611 (29.6%)	1,996 (8.9%)	218 (1.0%)	507 (2.3%)
2013	24,541	14,419 (58.8%)	7,169 (29.2%)	2,187 (8.9%)	246 (1.0%)	520 (2.1%)
2014	24,295	14,440 (59.4%)	6,965 (28.7%)	2,136 (8.8%)	229 (0.9%)	525 (2.2%)
2015	24,167	14,505 (60.0%)	6,899 (28.5%)	1,998 (8.3%)	216 (0.9%)	549 (2.3%)
2016	24,657	14,805 (60.0%)	7,002 (28.4%)	2,067 (8.4%)	210 (0.9%)	573 (2.3%)
2017	25,513	15,381 (60.3%)	7,204 (28.2%)	2,122 (8.3%)	234 (0.9%)	572 (2.2%)

CKD: Chronic kidney disease, eGFR: estimated glomerular filtration rate, KRT: Kidney replacement therapy (dialysis or transplantation).

