

The tip of the iceberg:
**Uncovering chronic
kidney disease
across electorates**



Over **2 million** Australians are living with kidney disease – but 1.8 million are unaware they have the condition.¹

- There is **no cure for CKD**, with CKD contributing to the **deaths of 17,700 Australians** each year.²
- **CKD is often preventable**. Disease progression can be slowed or even stopped, if we detect and treat it early.³
- Yet, many Australians **don't know they have kidney disease** until it is too late. Up to 90% of kidney function can be lost before people experience symptoms.⁴
- **Early detection and management** will save kidneys, save lives, and reduce pressure on our health system.⁵

One in every 10 Australian adults is living with CKD

Rank	State	Number living with kidney disease	% of the community living with kidney disease
1	Tasmania	43,068	11.9%
2	Western Australia	178,900	11.4%
3	Queensland	347,766	11.3%
4	New South Wales	580,899	11.2%
5	Victoria	429,098	11.0%
6	South Australia	101,121	9.0%
7	Australian Capital Territory	22,251	8.2%
8	*Northern Territory	9,386	7.8%

Data from 2021, Geographical variation in disease: diabetes, cardiovascular and chronic kidney disease, AIHW, Australian Government, accessed 02 March 2023. People living in non-private dwellings, including people living in institutional care facilities such as hospitals and aged care facilities, and those living in very remote areas and in discrete Aboriginal and Torres Strait Islander communities were not included in the survey.

CKD is a silent and insidious disease that doesn't discriminate

Across every community, Australians are affected by CKD. Yet, it is Australians living in rural and remote communities, our First Nations peoples, and Australians living in low socio-economic regions who are more likely to live with this life-long condition.²

While data shows that 11% of Australians are living with markers of CKD, the majority are unaware – highlighting the need for better early detection of CKD.⁶

Known and unknown cases of CKD across Australian electorates

	Federal Electorate	Number of constituents diagnosed with CKD ⁷	% of the community diagnosed with CKD ⁷	Number of constituents likely to be living with CKD and likely to be unaware ^{*7,8}
1	Gilmore, NSW	2,783	1.70%	18,012
2	Lyne, NSW	2,484	1.58%	17,308
3	Hinkler, QLD	2,391	1.53%	17,222
4	Braddon, TAS	1,597	1.46%	12,051
5	Cowper, NSW	2,414	1.42%	18,723
6	Page, NSW	2,306	1.37%	18,566
7	Shortland, NSW	2,022	1.33%	16,711
8	Hunter, NSW	2,271	1.30%	19,186
9	Longman, QLD	2,383	1.28%	20,525
10	Dobell, NSW	2,072	1.27%	17,899
11	Paterson, NSW	2,234	1.27%	19,314
12	Nicholls, VIC	2,027	1.27%	17,546
13	Riverina, NSW	1,971	1.22%	17,748
14	Eden-Monaro, NSW	1,970	1.22%	17,768
15	Maranoa, QLD	1,838	1.21%	16,656
16	Indi, VIC	1,895	1.21%	17,228
17	Whitlam, NSW	2,035	1.21%	18,540
18	Gippsland, VIC	1,854	1.20%	16,979
19	Parkes, NSW	1,849	1.19%	17,046
20	Cunningham, NSW	1,928	1.19%	17,784
21	Wide Bay, QLD	1,812	1.19%	16,746
22	Robertson, NSW	1,793	1.18%	16,717
23	Lyons, TAS	1,329	1.18%	12,437
24	Mallee, VIC	1,963	1.17%	18,440
25	New England, NSW	1,850	1.17%	17,451
26	Bass, TAS	1,272	1.16%	12,097
27	Monash, VIC	1,692	1.16%	16,098
28	Petrie, QLD	2,112	1.14%	20,381
29	Lingiari	1,365	1.13%	13,310
30	Richmond, NSW	1,887	1.13%	18,418
31	Flinders, VIC	1,684	1.12%	16,539
32	Bendigo, VIC	1,701	1.12%	16,781
33	Grey, SA	1,912	1.11%	18,863
34	Farrer, NSW	1,926	1.11%	19,043
35	Bean, ACT	1,644	1.08%	16,787
36	Newcastle, NSW	1,758	1.06%	18,278

37	Groom, QLD	1,686	1.05%	17,695
38	Wannon, VIC	1,618	1.05%	17,001
39	Dunkley, VIC	1,646	1.04%	17,381
40	Corio, VIC	1,652	1.04%	17,517
41	Hume, NSW	1,764	1.03%	18,930
42	Kingston, SA	1,702	1.02%	18,272
43	Capricornia, QLD	1,628	1.02%	17,577
44	Kennedy, QLD	1,735	1.01%	18,854
45	Calare, NSW	1,704	1.01%	18,616
46	Bowman, QLD	1,593	1.00%	17,514
47	Hindmarsh, SA	1,706	0.99%	18,979
48	Forde, QLD	1,906	0.99%	21,268
49	Herbert, QLD	1,599	0.97%	18,045
50	Franklin, TAS	1,086	0.97%	12,302
51	Macquarie, NSW	1,407	0.97%	15,986
52	Spence, SA	1,818	0.97%	20,705
53	Chifley, NSW	1,946	0.96%	22,227
54	Dawson, QLD	1,554	0.96%	17,829
55	Blair, QLD	1,812	0.95%	20,894
56	Bruce, VIC	1,703	0.95%	19,705
57	Canning, WA	1,612	0.95%	18,694
58	Barker, SA	1,625	0.95%	18,886
59	Scullin, VIC	1,592	0.93%	18,744
60	Fraser, VIC	1,643	0.93%	19,403
61	Flynn, QLD	1,470	0.93%	17,454
62	Fowler, NSW	1,607	0.93%	19,088
63	Clark, TAS	1,033	0.92%	12,293
64	Fadden, QLD	1,793	0.92%	21,408
65	Lindsay, NSW	1,720	0.92%	20,664
66	Hotham, VIC	1,790	0.92%	21,515
67	Lilley, QLD	1,474	0.91%	17,771
68	Ballarat, VIC	1,387	0.91%	16,747
69	Maribyrnong, VIC	1,393	0.91%	16,875
70	McMahon, NSW	1,593	0.91%	19,321
71	Hawke, VIC	1,494	0.90%	18,182
72	Makin, SA	1,570	0.90%	19,113
73	Wright, QLD	1,636	0.90%	19,983
74	Fisher, QLD	1,536	0.89%	18,940
75	Jagajaga, VIC	1,416	0.89%	17,476
76	Cowan, WA	1,591	0.88%	19,819

77	Watson, NSW	1,604	0.88%	20,147
78	Rankin, QLD	1,634	0.87%	20,554
79	Deakin, VIC	1,459	0.87%	18,382
80	O'Connor, WA	1,531	0.87%	19,368
81	Corangamite, VIC	1,328	0.87%	16,803
82	McPherson, QLD	1,421	0.87%	17,997
83	Macarthur, NSW	1,782	0.87%	22,605
84	Canberra, ACT	1,259	0.87%	16,006
85	Werriwa, NSW	1,720	0.86%	21,909
86	Durack, WA	1,739	0.86%	22,159
87	Banks, NSW	1,396	0.86%	17,918
88	Calwell, VIC	1,613	0.86%	20,733
89	Moncrieff, QLD	1,556	0.85%	20,036
90	Aston, VIC	1,358	0.85%	17,501
91	Hughes, NSW	1,280	0.85%	16,533
92	Gorton, VIC	1,502	0.84%	19,591
93	Boothby, SA	1,475	0.84%	19,319
94	Fenner, ACT	1,323	0.84%	17,409
95	Cook, NSW	1,247	0.83%	16,440
96	Dickson, QLD	1,330	0.83%	17,553
97	Chisholm, VIC	1,530	0.83%	20,202
98	Casey, VIC	1,307	0.83%	17,319
99	Leichhardt, QLD	1,451	0.83%	19,318
100	Mayo, SA	1,434	0.83%	19,111
101	Menzies, VIC	1,423	0.82%	19,014
102	Fairfax, QLD	1,393	0.82%	18,641
103	Isaacs, VIC	1,317	0.82%	17,658
104	Forrest, WA	1,286	0.81%	17,380
105	Wills, VIC	1,285	0.81%	17,415
106	Cooper, VIC	1,254	0.80%	17,191
107	Brand, WA	1,456	0.80%	19,970
108	Burt, WA	1,462	0.80%	20,056
109	Blaxland, NSW	1,496	0.79%	20,747
110	Barton, NSW	1,426	0.79%	19,981
111	Goldstein, VIC	1,207	0.78%	17,021
112	Sturt, SA	1,461	0.78%	20,609
113	McEwen, VIC	1,242	0.78%	17,588
114	Bonner, QLD	1,238	0.76%	17,917
115	Solomon, NT	834	0.76%	12,132
116	Oxley, QLD	1,410	0.76%	20,517

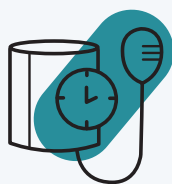
117	Fremantle, WA	1,249	0.75%	18,346
118	Berowra, NSW	1,137	0.75%	16,783
119	Kingsford Smith, NSW	1,345	0.74%	20,013
120	Holt, VIC	1,382	0.74%	20,598
121	La Trobe, VIC	1,237	0.73%	18,645
122	Tangney, WA	1,337	0.73%	20,235
123	Moreton, QLD	1,211	0.72%	18,532
124	Hasluck, WA	1,255	0.72%	19,221
125	Mackellar, NSW	1,099	0.71%	17,093
126	Perth, WA	1,284	0.71%	20,012
127	Adelaide, SA	1,427	0.70%	21,738
128	Kooyong, VIC	1,135	0.69%	17,969
129	Swan, WA	1,316	0.69%	20,886
130	Bennelong, NSW	1,310	0.69%	21,034
131	Gellibrand, VIC	1,285	0.68%	20,898
132	Mitchell, NSW	1,270	0.67%	20,703
133	Parramatta, NSW	1,371	0.67%	22,361
134	Greenway, NSW	1,340	0.66%	22,170
135	Pearce, WA	1,170	0.66%	19,526
136	Higgins, VIC	1,017	0.66%	17,057
137	Bradfield, NSW	1,080	0.64%	18,610
138	Grayndler, NSW	958	0.64%	16,580
139	Lalor, VIC	1,271	0.63%	22,146
140	Ryan, QLD	1,030	0.63%	18,018
141	Macnamara, VIC	1,040	0.62%	18,489
142	Moore, NSW	1,015	0.62%	18,052
143	Reid, NSW	1,223	0.61%	22,200
144	Wentworth, NSW	884	0.61%	16,071
145	North Sydney, NSW	1,005	0.60%	18,393
146	Curtin, WA	1,009	0.58%	19,034
147	Griffith, QLD	1,029	0.58%	19,535
148	Warringah, NSW	851	0.56%	16,590
149	Brisbane, QLD	976	0.53%	20,158
150	Sydney, NSW	1,062	0.52%	22,464
151	Melbourne, VIC	997	0.50%	21,996

**Number of constituents likely to be living with CKD and unaware has been modelled by applying the CKD prevalence estimates for Australia (11%) to electoral populations. Actual numbers of those with undiagnosed CKD may be higher or lower depending on the demographics of the local population.*

Early diagnosis and treatment of CKD is simple, yet critical

- **Kidneys are our unsung heroes** – filtering the blood and removing excess water and waste from our body. When they no longer filter blood as well as they should, we experience CKD.⁸
- Australians living with **high blood pressure, diabetes, and cardiovascular disease**, as well as those who **smoke**, are **obese**, have a **family history of kidney failure**, or have experienced an **acute kidney injury** are at increased risk of developing CKD.⁸
- Australians **over 60 years of age** and First Nations peoples **over 18 years of age** are also at increased risk of developing CKD.⁸
- If you live with risk factors for CKD, **visit your GP** to have a **Kidney Health Check** every 1-2 years.

A Kidney Health Check is quick and simple and includes:



A blood pressure test, because high blood pressure and CKD are related.

+



A urine test, to check for protein or blood in your urine.

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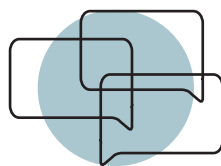
A blood test, to see how well your kidneys are filtering your blood.

How you can support



SEE

your **primary care provider** to have your own kidney health checked if **you have risk factors** for CKD.



COMMUNICATE

and **raise awareness** within your community of the need to have your **kidney health checked**.



CHAMPION

the **needs of the 2 million Australians** living with kidney disease to **improve** health outcomes.

References

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About Kidney Health Australia

Kidney Health Australia is the national peak body for kidney health in Australia and a recognised voice for people living with kidney disease. Kidney Health Australia strives to drive awareness and earlier detection of kidney disease to improve outcomes for patients and lessen the burden on the health system. It is dedicated to improving the quality of life and health outcomes for people living with kidney disease, their families, and carers, through the delivery of high impact programs and services. For over 50 years, Kidney Health Australia has worked with the clinical and research community to support treatment and research improvements and innovations to foster a future without kidney disease.

FOR MORE INFORMATION

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