

Chronic kidney disease in Utah



2025 fact sheet



- **1 in 5** Utahns are at high risk of chronic kidney disease (CKD).
- More than **76,000** Utahns have CKD.

Comorbidities of CKD

- Nearly **1 in 13** Utah adults with CKD also have **diabetes**.
- **12%** of Utah adults with CKD have also had a **heart attack**.
- Close to **12%** of Utahns with CKD also have **coronary heart disease**.
- More than **1 in 8** adult Utahns with CKD have also had a **stroke**.

Annual cost of CKD in the U.S.

	Annual cost/person	% of household income
CKD alone	\$18,891	28.05%
CKD & diabetes	\$23,514	34.91%
CKD & heart failure	\$36,691	54.47%
CKD, diabetes, & heart failure	\$46,738	69.39%

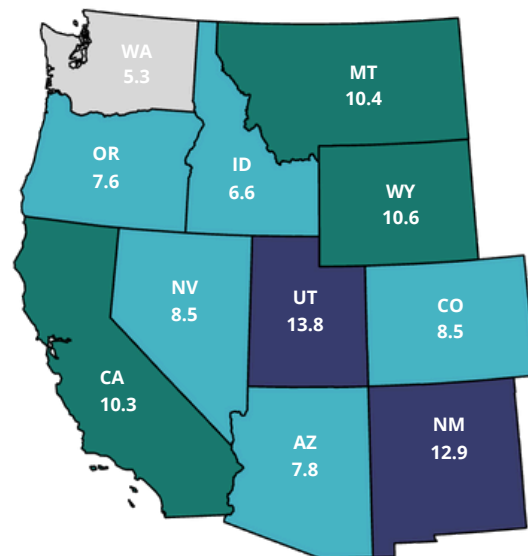
Annual cost for Medicare FFS beneficiaries ages 65 and older, 2022. Income calculated using 2023 U.S. Census.

What is being done?

The Utah Diabetes Coalition Chronic Kidney Disease Subgroup is working to bring key partners and local health districts together to address CKD among Utahns. The group is working on:

- Increasing diagnosis rates following screening
- Increasing use of transplant/home hemodialysis in lieu of in-center hemodialysis
- Supporting local health departments in CKD improvement efforts with clinics

Utah has the highest CKD mortality rate among western states



Age-adjusted rate per 100,000
Provisional estimate, 12 month period ending in Q2 of 2024

Screening & diagnosing

65% of all CKD cases are caused by diabetes or high blood pressure.

- Nearly **60%** of patients with diabetes and high-blood pressure are not screened for CKD.
- **50%** of patients who are screened for CKD are not diagnosed and followed up with.
- Early detection and treatment can slow or prevent the progression of CKD.
- The lab results are in electronic health records but frequently not discussed with patients.
- Simple blood and urine tests are needed to detect signs of CKD.
- We can raise awareness of CKD and its complications, promote early diagnosis and treatment of CKD, and improve outcomes by working with healthcare providers.



Sources:

1. Public Health Indicator-Based Information System (IBIS), Division of Data, Systems, and Evaluation, Utah Department of Health and Human Services, Utah <https://ibis.utah.gov/ibisph-view/>. 2023 data.
2. Centers for Disease Control and Prevention. National Center for Health Statistics Vital Statistics Rapid Release. Mortality Dashboard. Kidney disease. https://www.cdc.gov/nchs/nvss/vsrr/mortality-dashboard.htm#_2024_Q2_provisional_data.
3. Centers for Disease Control and Prevention (CDC). Chronic Kidney Disease (CKD) Surveillance System. Prevalence and incidence. CDC website. <https://nccd.cdc.gov/ckd/Default.aspx>.
4. United States Renal Data System. (2024). 2024 Annual Data Report. <https://usrds-adr.niddk.nih.gov/2024>. 2022 data.
5. U.S. Census Bureau. (2023). Table B19049. Median Household Income in the Past 12 Months (in 2023 Inflation-Adjusted Dollars) by Age of Householder, 2023 ACS 5-Year Estimates. [https://data.census.gov/tables/ACS/2023/B19049?_lang=en&_all_geo_types=N&_all_race_ethnicities=N&_all_hispanic=N&_all_languages=N&_all_ancestries=N&_all_foreign_born=N&_all_naturalized=N&_all_citizenship=N&_all_marital_status=N&_all_married=N&_all_divorced=N&_all_widowed=N&_all_separated=N&_all_single=N&_all_married=N&_all_divorced=N&_all_widowed=N&_all_separated=N&_all_single=N](https://data.census.gov/tables/ACS/2023/B19049?_lang=en&_all_geo_types=N&_all_race_ethnicities=N&_all_hispanic=N&_all_languages=N&_all_ancestries=N&_all_foreign_born=N&_all_naturalized=N&_all_citizenship=N&_all_marital_status=N&_all_married=N&_all_divorced=N&_all_widowed=N&_all_separated=N&_all_single=N&_all_married=N&_all_divorced=N&_all_widowed=N&_all_separated=N&_all_single=N&_all_married=N&_all_divorced=N&_all_widowed=N&_all_separated=N&_all_single=N).
6. American Diabetes Association. Diabetes, High Blood Pressure, and Chronic Kidney Disease (CKD). <https://diabetes.org/about-diabetes/complications/chronic-kidney-disease/diabetes-high-blood-pressure-chronic-kidney-disease#text=Kidney%20disease%20is%20more%20common%20in%20three%20cases%20of%20CKD>.
7. Ferre, S., et al. (2023). Fulfillment and Validity of the Kidney Health Evaluation Measure for People with Diabetes. Mayo Clinic Proceedings: Innovations, Quality & Outcomes. <https://doi.org/10.1016/j.mayocpiqo.2023.07.002>.