



PRESS RELEASE

ASN Contact: Christine Feheley
(202) 640-4638 | cfeheley@asn-online.org

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Global, National, and Regional Trends in the Burden of Chronic Kidney Disease among Women

Highlights

- Scientists have found strikingly high increases in the global prevalence of chronic kidney disease among women over the past three decades.
- Results from the study will be presented at ASN Kidney Week 2024 October 23–27.

San Diego, CA (October 25, 2024) — A recent analysis reveals that the number of chronic kidney disease (CKD) cases in women around the globe nearly tripled in the past three decades. Also, type 2 diabetes and hypertension were the leading causes of CKD-related deaths in women. The research will be presented at ASN Kidney Week 2024 October 23–27.

The analysis drew from the Global Burden of Disease study 2021, a comprehensive effort to quantify health loss across the world over time. The study includes information from 204 countries and territories.

From 1990 to 2021, the average annual percentage change in CKD prevalence in women increased by 2.10%, mortality by 3.39%, and disability-adjusted life years by 2.48%. There have also been significant disparities in CKD-related mortality and morbidity across the world, with marked increases observed particularly in Latin America, North America, and among older adults. The study showed an alarming increased mortality rate attributable to metabolic risk factor over the last decade after a slight decrease between 2000 and 2010.

“This calls for immediate policy interventions, targeted prevention programs, and investment in health care infrastructure to curb the rise of CKD, particularly in high-risk regions. Public awareness campaigns about the importance of early diagnosis, healthy lifestyles, and the management of underlying conditions like diabetes and hypertension are critical,” said senior author Hardik Dineshbhai Desai, MBBS, Independent Clinical and Public Health Researcher of the Gujarat Adani Institute of Medical Science, in India. “Without swift action, the continued rise of CKD could overwhelm health care systems and lead to increased mortality and morbidity worldwide.”

Study: “Global, National, and Regional Trends in the Burden of Chronic Kidney Disease among Women from 1990- 2021: A Comprehensive Global Analysis”

Join ASN and approximately 12,000 other kidney professionals from across the globe at Kidney Week 2024 in San Diego, CA. The world's premier nephrology meeting, Kidney Week, provides participants with exciting and challenging opportunities to exchange knowledge, learn the latest scientific and medical advances, and listen to engaging and provocative discussions with leading experts in the field. Early programs begin on October 23, followed by the Annual Meeting from October 24-27. Follow the conversation at #KidneyWk.

About ASN

Since 1966, ASN has been leading the fight to prevent, treat, and cure kidney diseases throughout the world by educating health professionals and scientists, advancing research and innovation, communicating new knowledge and advocating for the highest quality care for patients. ASN has nearly 21,000 members representing 140 countries. For more information, visit www.asn-online.org and follow us on [Facebook](#), [X](#), [LinkedIn](#), and [Instagram](#).

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Annual Percentage of Change (%) in Mortality Rate Due to CKD (1990-2021) - Women

