ICMR's SAMPADA Survey

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Why is in news?

The Indian Council of Medical Research (ICMR) released key findings from ***the Survey for Assessment of Markers of Population Health, Activity, Diet and Anthropometry (SAMPADA)*** *2023–2025.*

- The survey reports lower anaemia prevalence compared with previous national surveys, with severe anaemia below 2% in most age groups.

About SAMPADA

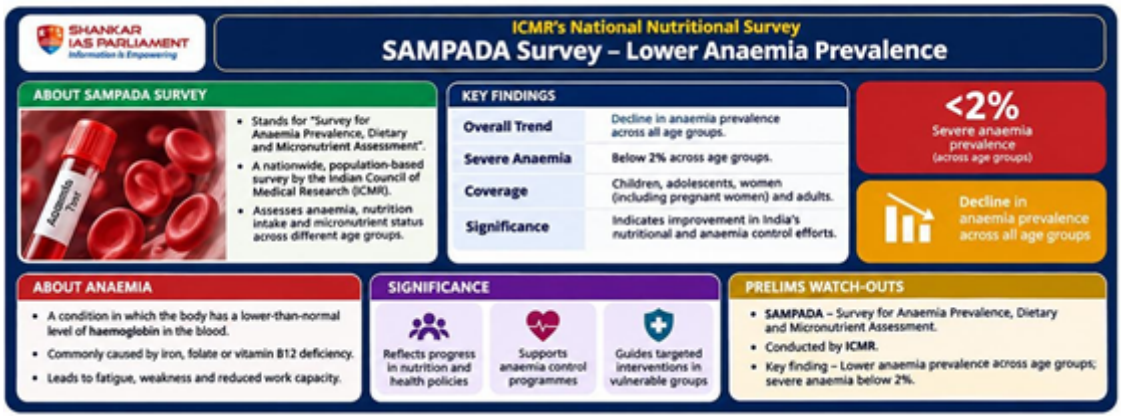
- It is a national nutrition survey conducted by ICMR under the Department of Health Research, Ministry of Health and Family Welfare.
- It covered more than 2 lakh individuals from over 81,000 households across 183 districts in 35 States and Union Territories.
- More than 1.7 lakh blood samples were analysed for haemoglobin estimation.
- It used venous blood sampling and automated analysers for haemoglobin estimation.
- A sub-sample was assessed for iron, folate and vitamin B12 status, along with inflammatory biomarkers such as C-reactive protein (CRP) and alpha-1-acid glycoprotein (AGP).

Key Findings

- Anaemia prevalence was ***42%*** among children aged 12–59 months and ***46%*** among adolescent girls aged 10–19 years.
- Among adolescent boys and men aged 20–59 years, prevalence ranged between ***22% and 23%***.
- Women of reproductive age recorded an anaemia prevalence of ***56%***.
- The majority of anaemia cases were mild; around half of anaemic women, adolescent girls and children had mild anaemia.
- Severe anaemia was observed in ***less than 2%*** of individuals in most age groups.

Significance

- The survey provides nationally representative estimates across age, sex and physiological groups, including older adults.
- It can help identify population-specific nutritional gaps and strengthen evidence-based interventions under Anaemia Mukt Bharat.
- The findings underline the need for differentiated approaches rather than a single intervention for all population groups.



Reference

[PIB | ICMR's SAMPADA survey shows lower prevalence of anaemia]

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