

VUMC Limited Submission Opportunity

2025 Epilepsy Incidence Among Children in the United States

Applications are due December 3, 2024

VUMC: *These instructions are for VUMC investigators. VU investigators should apply through [InfoReady](#) and address any questions to VU-LSO@vanderbilt.edu.*

VUMC may submit **one (1) application** to the Centers for Disease Control and Prevention's [2025 Epilepsy Incidence Among Children in the United States](#) funding opportunity.

Children represent one of the largest populations with newly diagnosed epilepsy. Epilepsy incidence among children is highest in their first year of life and declines by the end of their first decade. In the U.S. general population, studies of pediatric epilepsy incidence and prevalence rates are scant, and less is known about pediatric epilepsy risk factors. Only a few population-based estimates of epilepsy incidence among children in the United States exist, and these are also outdated. Research on risk factors that may affect the development of pediatric epilepsy is also scant.

The purpose of this NOFO is to use standardized definitions of epilepsies and validated methods to:

1. Estimate overall epilepsy incidence among U.S. children 0 - 17 years of age.
2. Examine potential disparities in incidence rates of epilepsy stratified by demographic, geographical, social determinants of health, and other characteristics.
3. Identify factors that contribute to the risk of developing epilepsy, as well as examine the association between these risk factors and incidence.

The knowledge obtained from this study would help health officials shape public health policies based on epilepsy incidence burden and improve the quality of life for children with epilepsy and their families. Results will inform future research by identifying research gaps in epilepsy incidence as well as risk factors that underlie disparities.

See the [solicitation](#) for details about research plan considerations, data requirements, study design, and objectives and outcomes.

Award Information

The CDC anticipates making one award over a 4-year period of \$1.6 million.

Internal Application Process:

Anyone interested in being considered as one of VUMC's nominees must submit the following (in a single PDF) to LSO@vanderbilt.edu by **December 3, 2024:**

1. Brief research plan including summary budget (2 page maximum);
2. Letter of support from department chair/center director;
3. Brief CV or NIH Biosketch (5 page maximum)

Submissions should reference the program name in the subject line of the email. Any questions about this opportunity or the LSO process may be directed to LSO@vanderbilt.edu.