

ICARE Epilepsy Research Portfolio Analysis

ICARE meeting May 21, 2021



National Institute of
Neurological Disorders
and Stroke



ICARE Epilepsy Research Portfolio
INTERAGENCY COLLABORATIVE TO ADVANCE RESEARCH IN EPILEPSY

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Interagency Collaborative to Advance Research in Epilepsy Research Portfolio

ICARE Epilepsy Research Portfolio provides information on epilepsy research projects funded by the ICARE members, including federal and nonprofit organizations.

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<http://icarerp.nih.gov/>

Website developed by NINDS, NIH Library Custom Information Solutions, and Webfirst

Federal and Nonprofit Funders 2013-2019



National Institutes of Health



Centers for Disease Control



United States Department of
Veterans Affairs



Health Resources and
Services Administration



LGS Foundation



Patient-Centered Outcomes
Research Institute



Pediatric Epilepsy Research
Foundation



Wishes for Elliott



Department of Defense -
Congressionally Directed
Medical Research Programs



Citizens United for Research
in Epilepsy



American Epilepsy Society



Epilepsy Foundation



Child Neurology Foundation



Batten Disease Support and
Research Association



The Epilepsy Study
Consortium



Dup15q Alliance



Dravet Syndrome Foundation



Tuberous Sclerosis Alliance



PCDH19 Alliance



Phelan-McDermid Syndrome
Foundation



International Foundation for
CDKLS Research



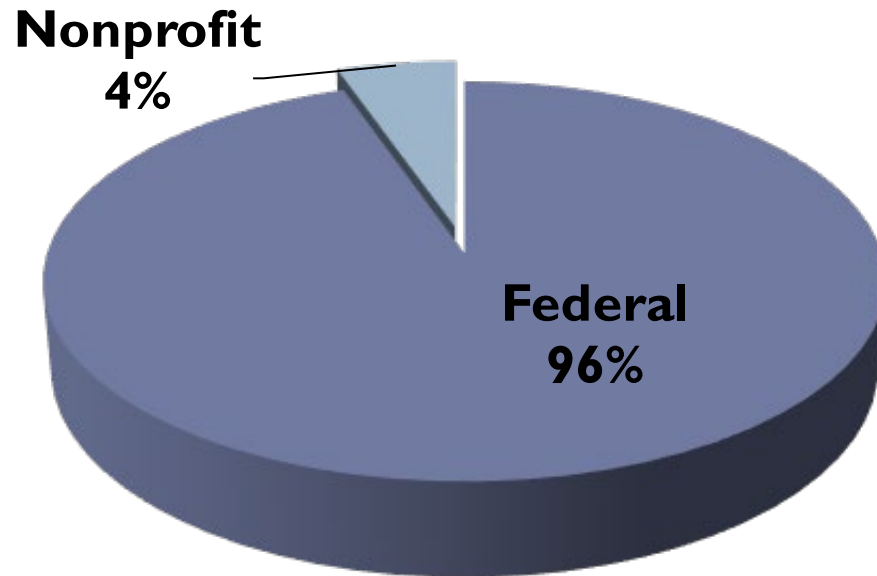
Ring14 USA



TESS Research Foundation

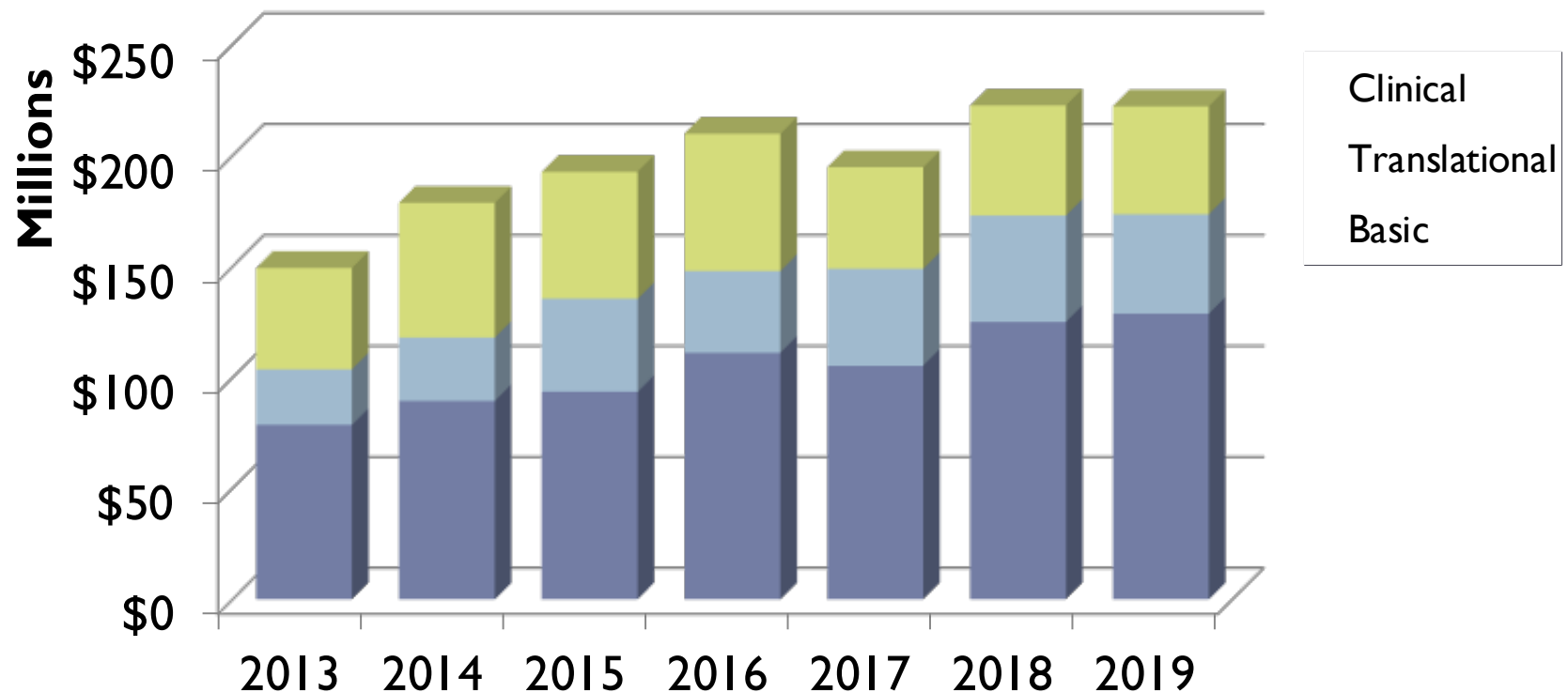


Federal Funding Dramatically Outpaces Non-profit Funding for Epilepsy Research



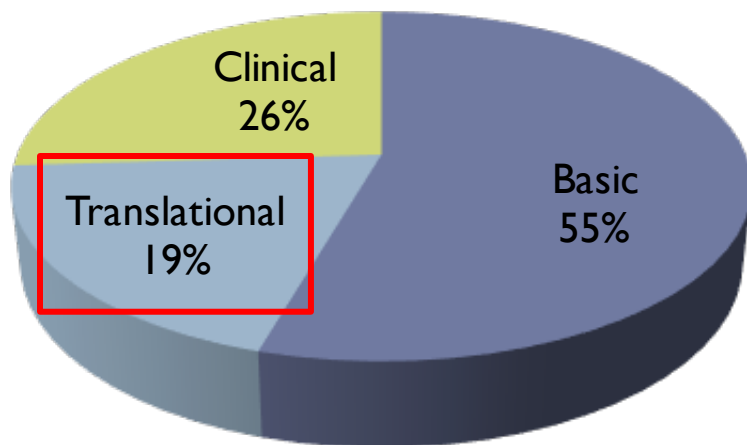
Organization	2013	2014	2015	2016	2017	2018	2019
Federal	\$141.0	\$172.0	\$183.2	\$195.8	\$188.0	\$214.8	\$215.9
Nonprofit	\$8.4	\$6.7	\$9.3	\$14.0	\$6.7	\$7.8	\$6.2
All	\$149.4	\$178.7	\$192.6	\$209.8	\$194.7	\$222.6	\$222.1
\$ Millions							

Most Funded Epilepsy Research is Basic

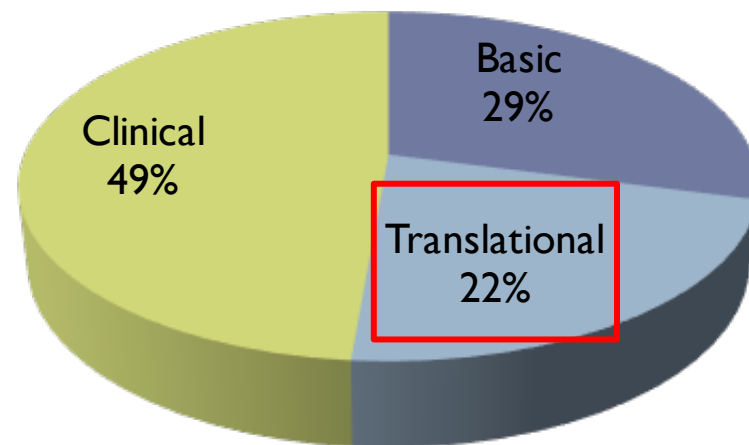


About 20% Funded Epilepsy Research is Translational

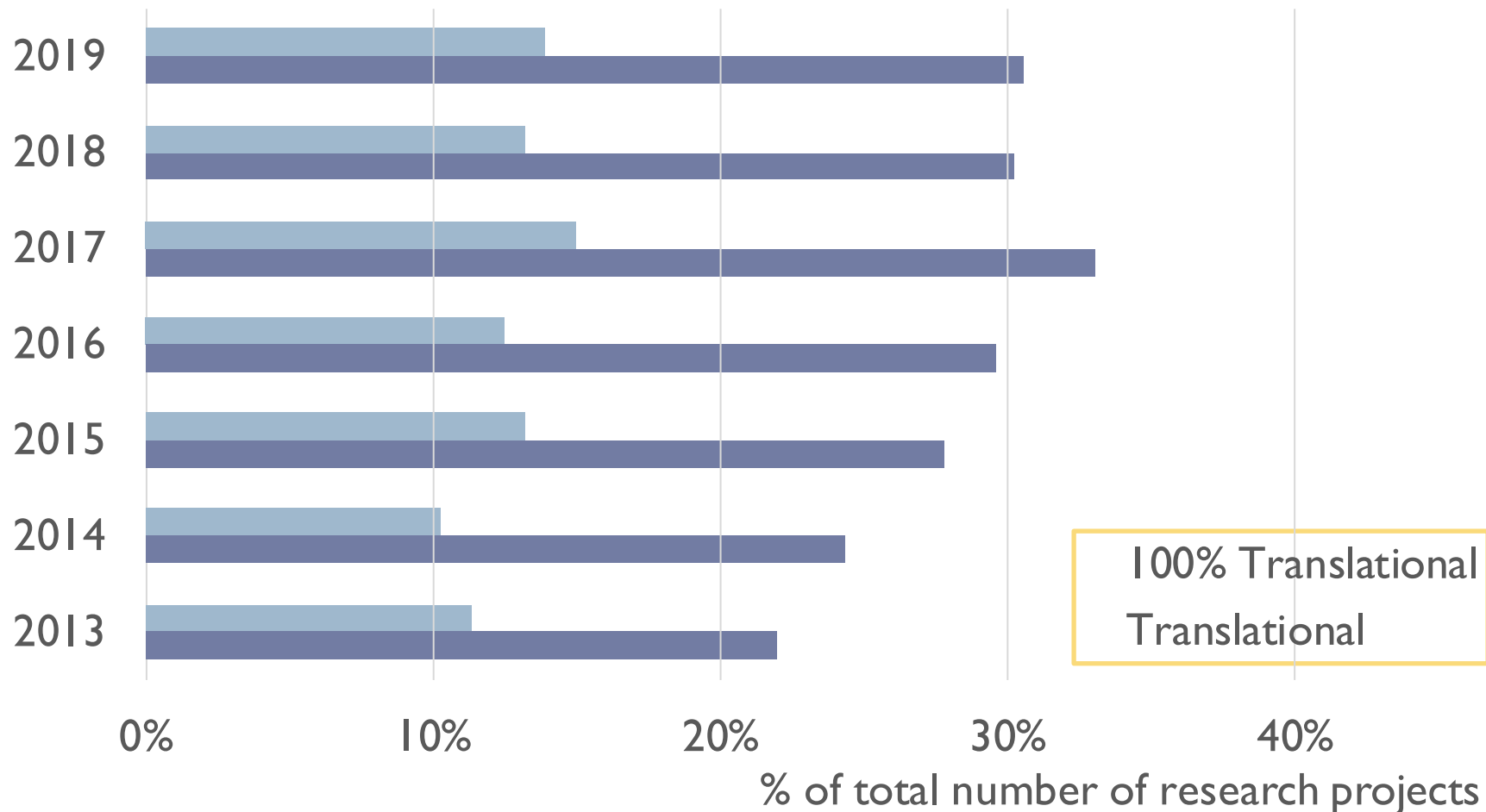
Federal



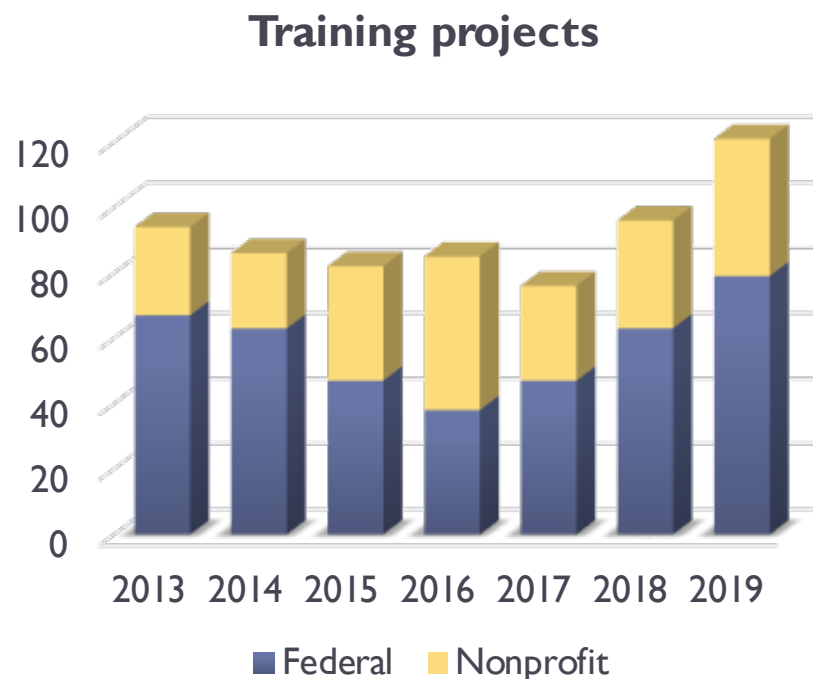
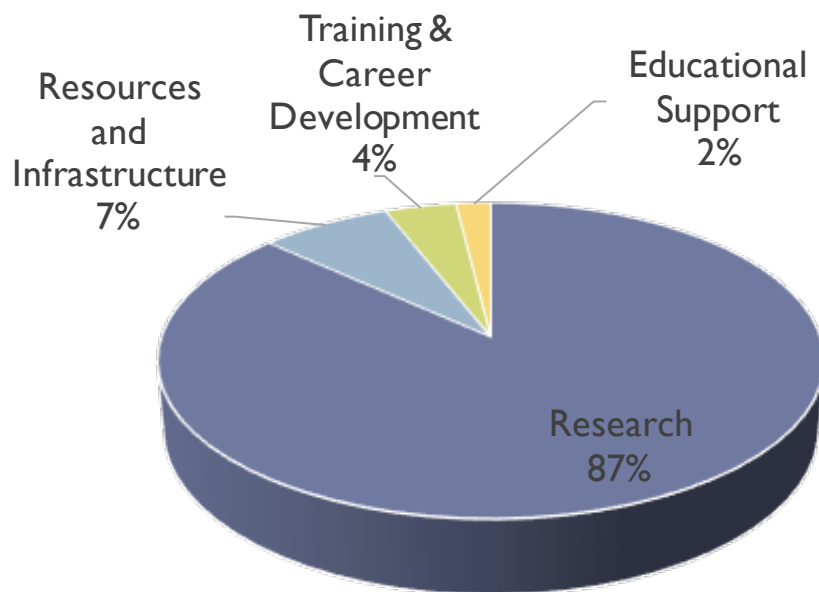
Nonprofit



Only between 10-15% of all projects are 100% Translational Epilepsy Research

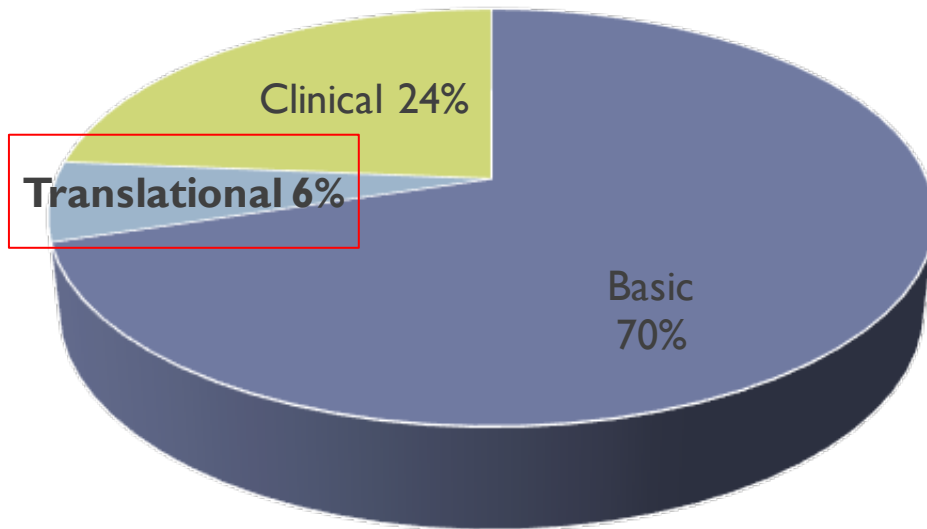


Funding for Structured Training in Epilepsy Research is a Small Percentage of Overall Funding

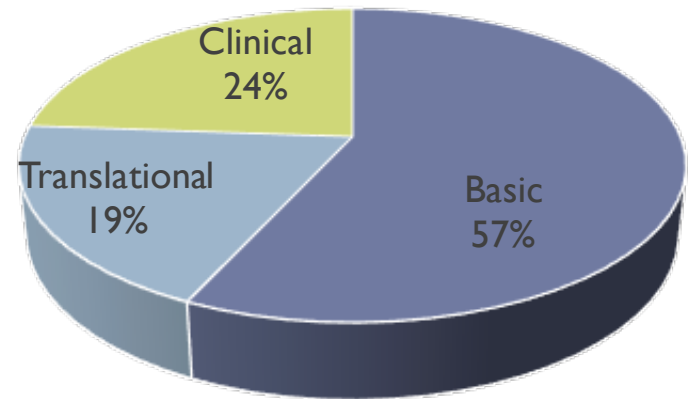


Translational Research is a Small Percentage of the Training Projects

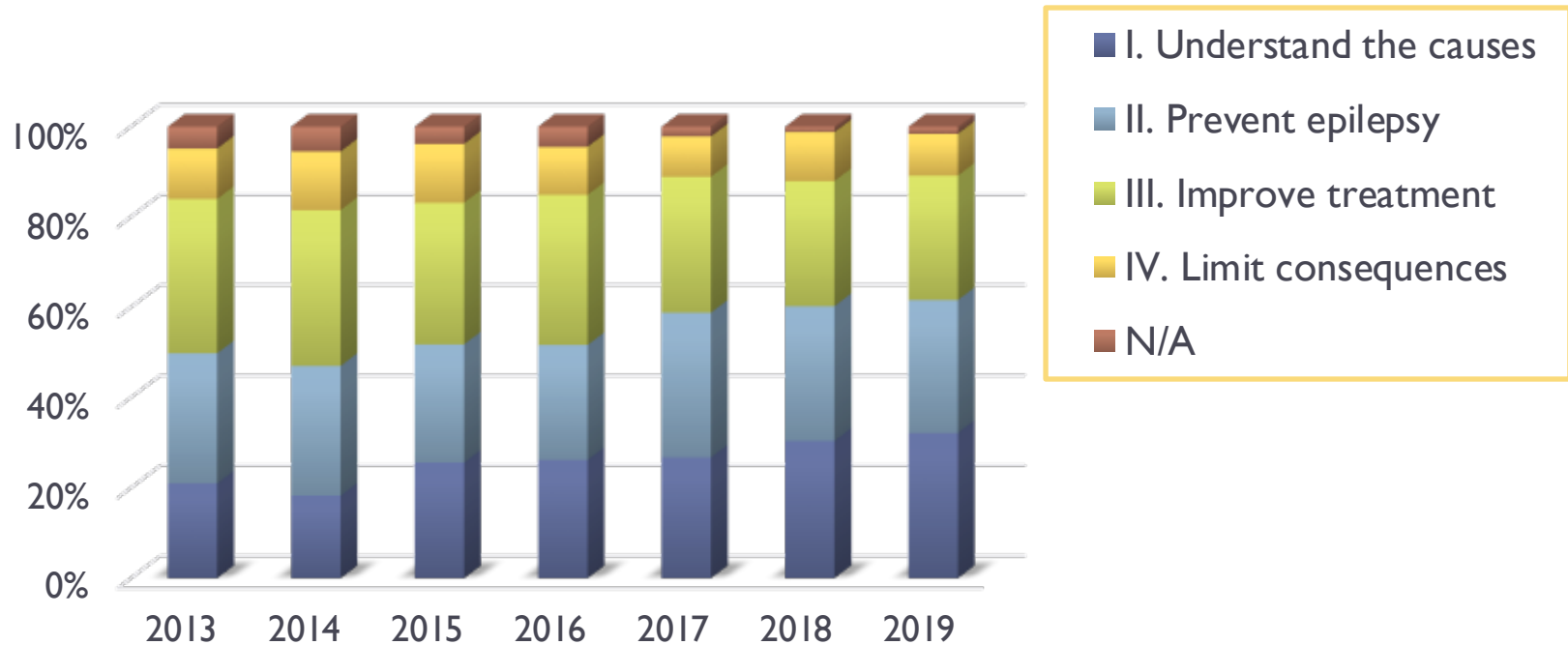
Training Projects



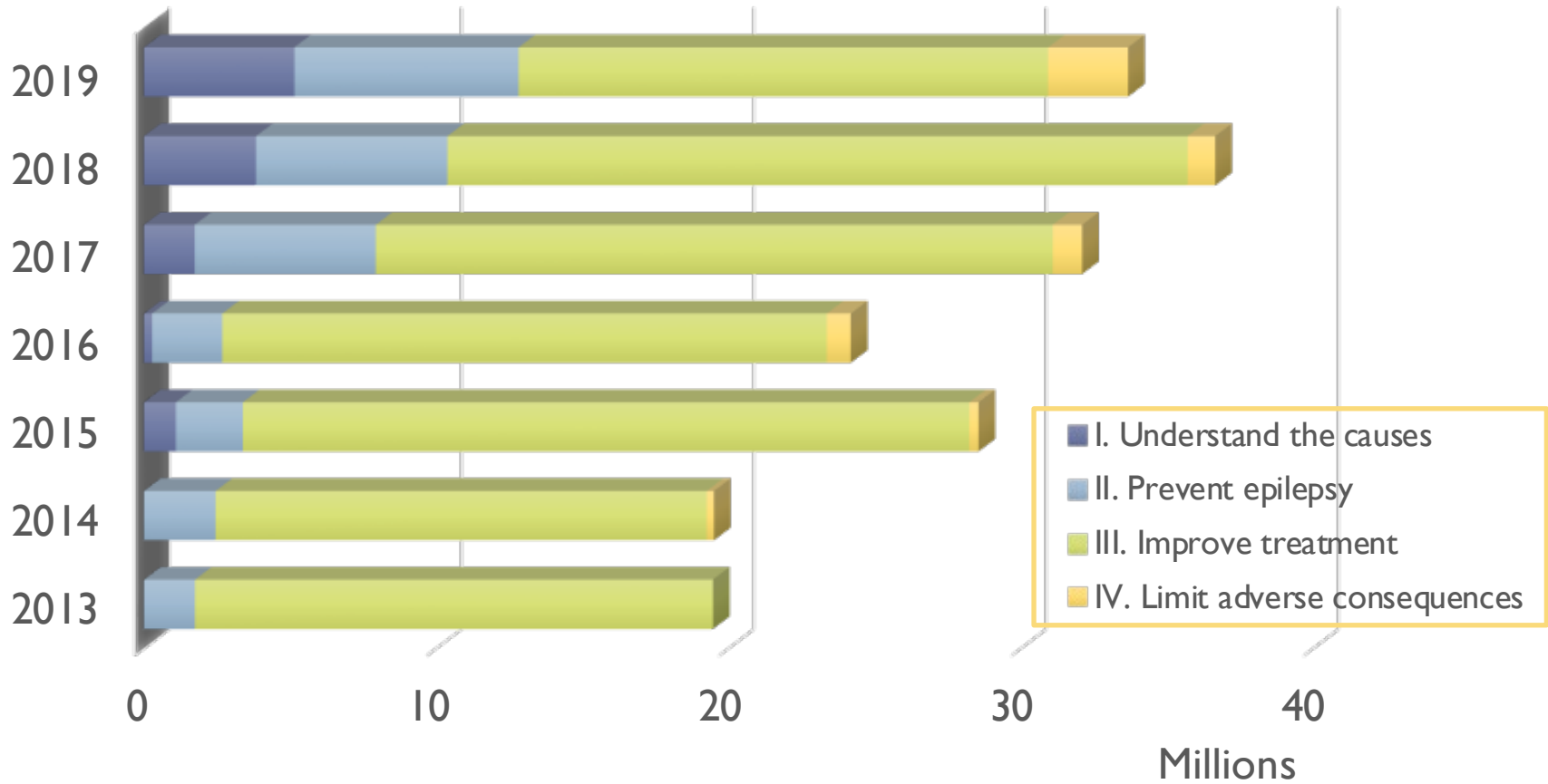
Research Projects



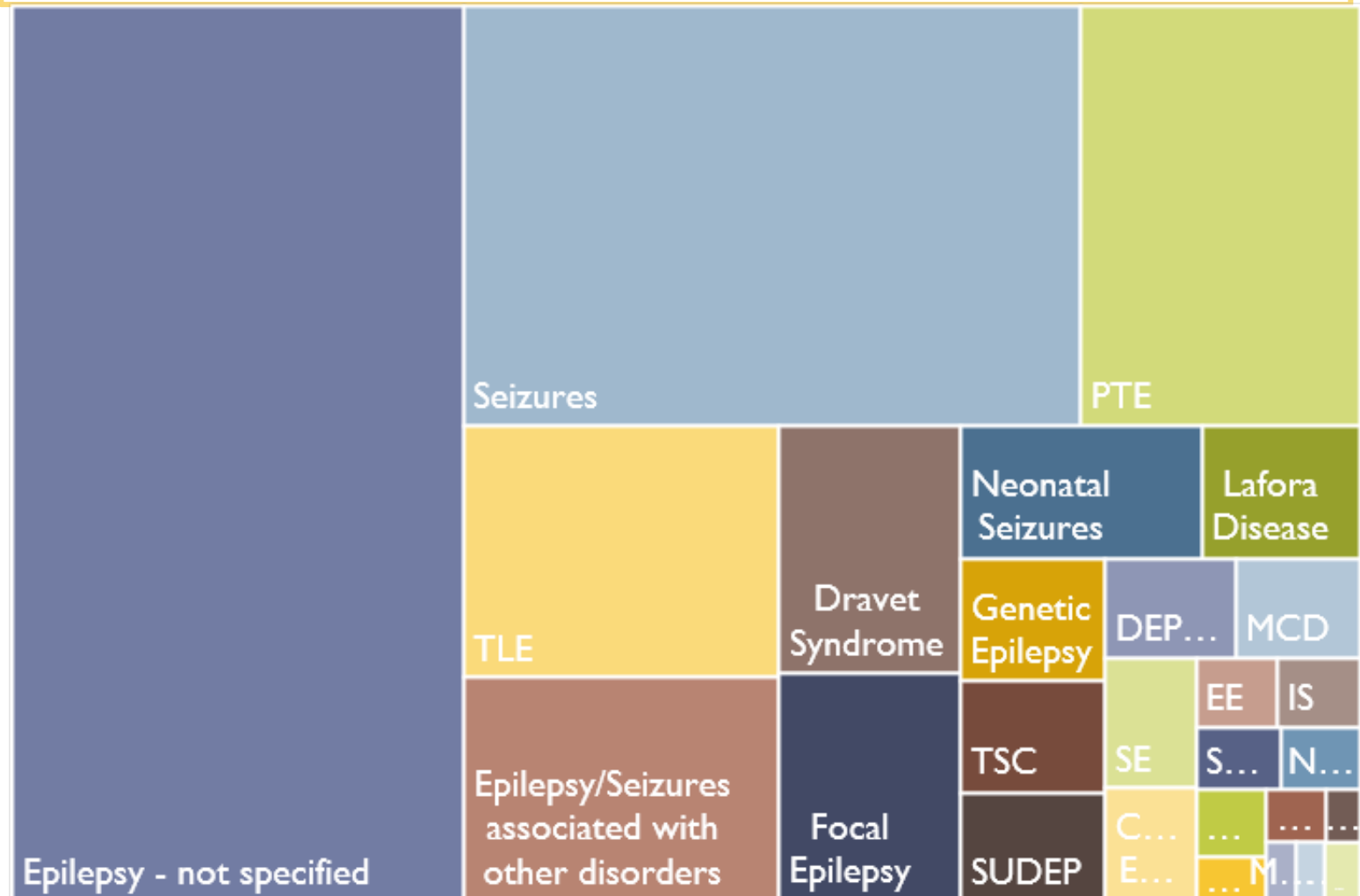
Disparities in Funding across Benchmark Areas



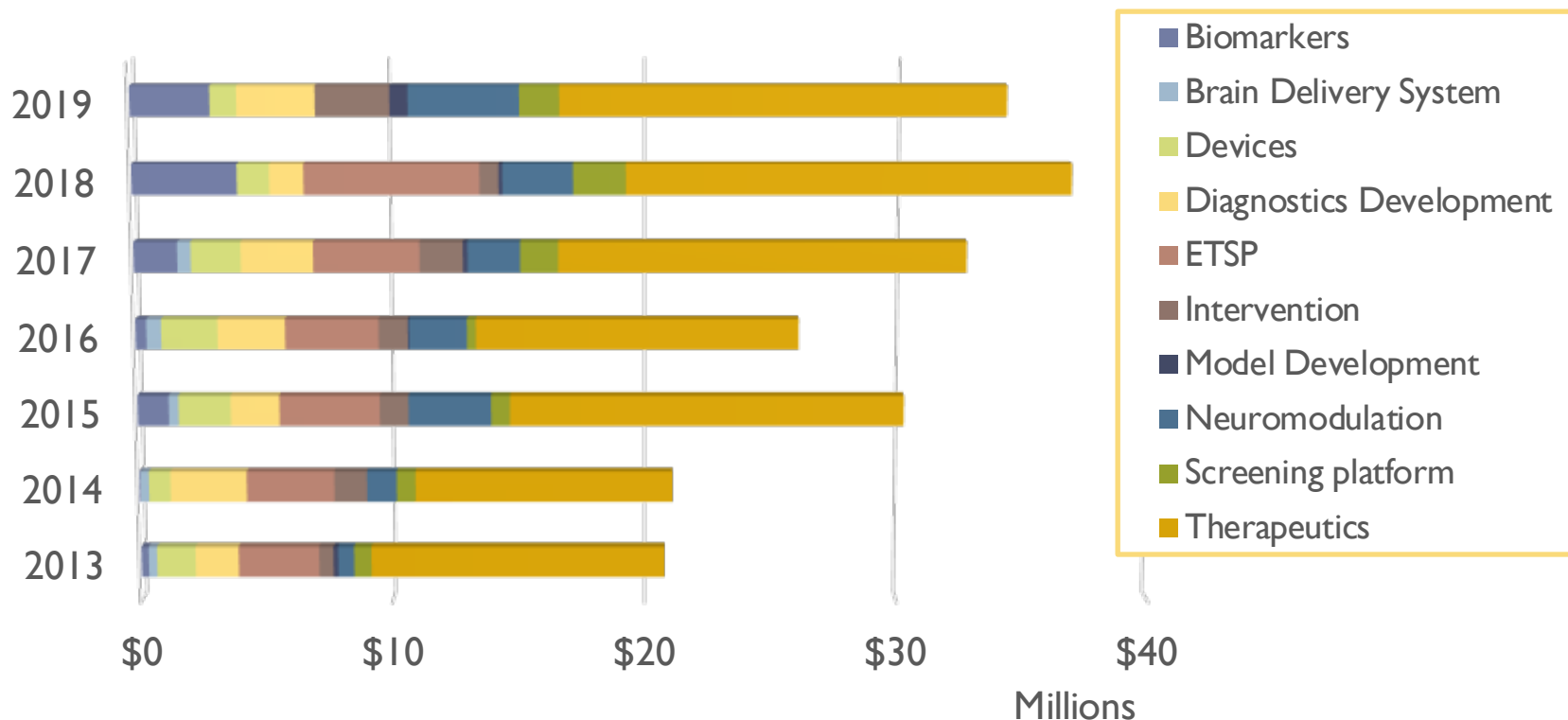
Disparities in Translational Research Funding across Benchmark Areas



Most Translational Epilepsy Research is not Specified to One Epilepsy Syndrome



Most Translational Epilepsy Research is on Therapeutics





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