National Institutes of Health

ODSS-NIMHD Collaboration

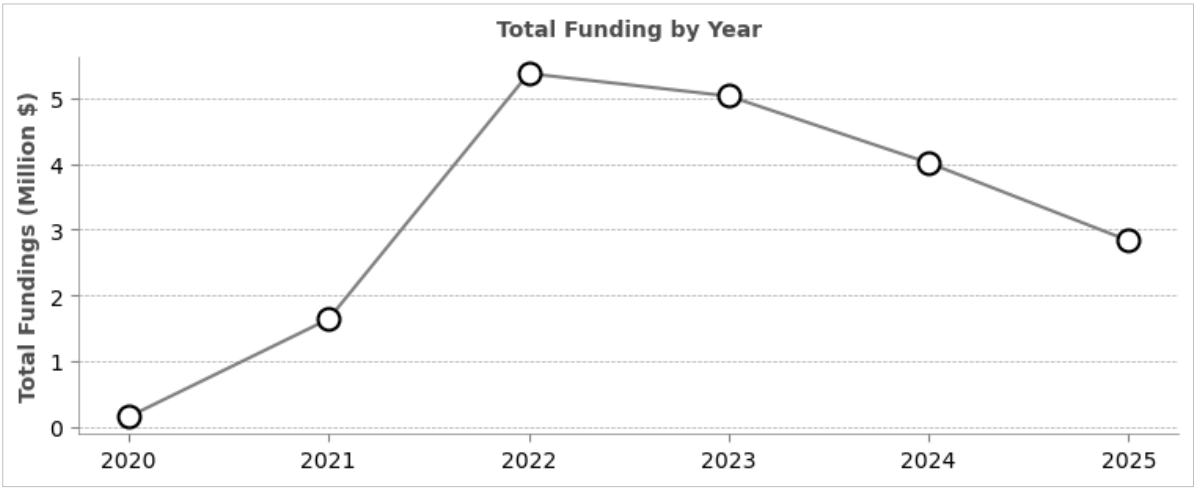
2025

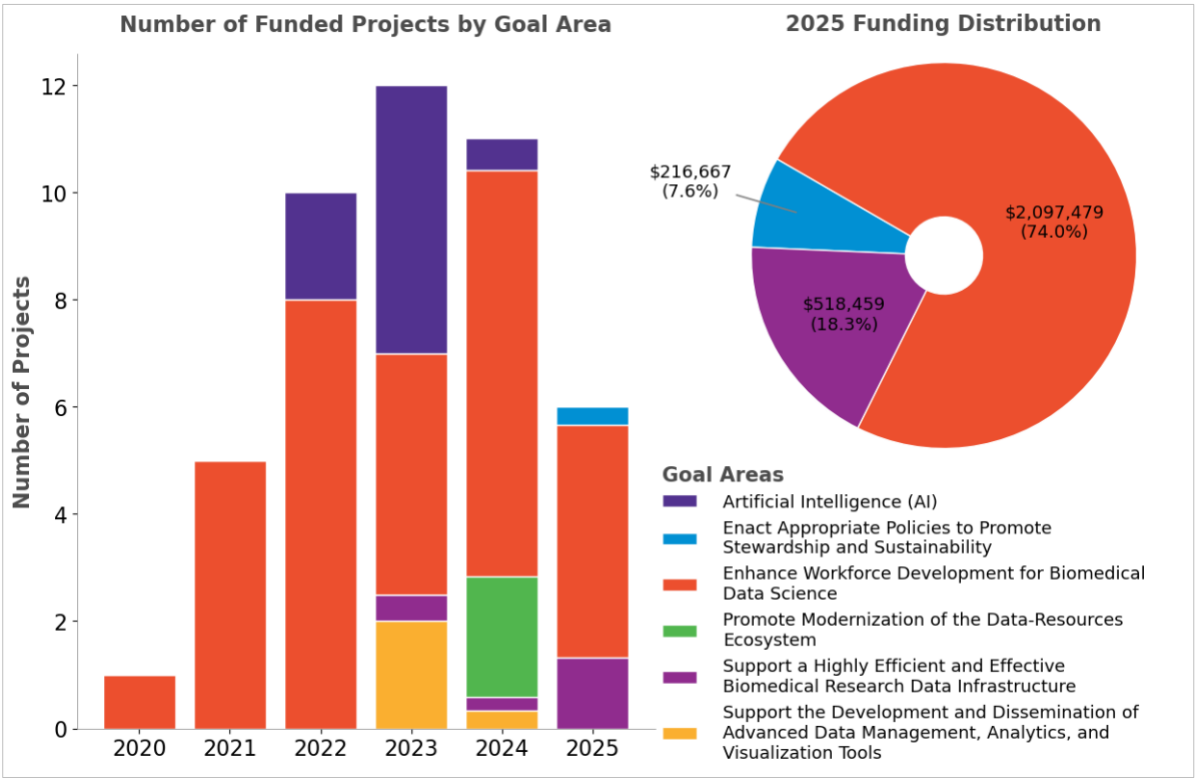


2025 ODSS Funding for NIMHD

In 2025, ODSS provided $2,832,604 in funding to NIMHD, supporting 6 co-funding awards across 3 goal areas.

- **Funding Trend:** Funding has increased nearly 18-fold from 2020 to 2025, even with the downturn since 2022.
- **Strategic Goal Trends**: NIMHD and ODSS have consistently partnered to support workforce development, with the portfolio diversifying in the last two years (e.g., investments in advanced tools, data stewardship, and data resource ecosystem).





Co-funding Highlights

- **Colorado Resource Center for Tribal Epidemiology Centers (Grant #: 5 U24MD017761-04).** ODSS provided $750,000 to NIMHD to support establishment of the Colorado Resource Center for Tribal Epidemiology Centers to capitalize to provide high quality, scientifically grounded, culturally informed training and technical assistance to hundreds of Native programs. This co-funding supports one goal area — workforce development.
- **Personalized Care for Prenatal Stress Reduction and Preterm Birth Prevention (Grant #: 3 R01MD017947-02S1).** ODSS provided $301,792 to MIMHD as a supplemental grant to explore the use of a cloud-native research framework for the investigation of the complex relationships between chemical and nonchemical stressors and preterm birth. This co-funding supports one goal area — data infrastructure development.
- **Ola HAWAII (Grant #: 5 U54MD007601-39).** ODSS provided $391,250 to NIMHD to improve minority health and reduce health disparities for those communities in Hawaii which suffer disproportionately in health outcomes and healthcare access. This co-funding supports one goal area — workforce development.

Collaboration Output

1,116	7	5	2	5	9	8
Publications[1]	Clinical trials[1]	Patents[1]	DataPath Fellows[2]	ChIRP users[3]	Coursera users[4]	STRIDES accounts[5]

[1] Data sources: QVR and iTools. Fiscal Years: 2020-2025. These are output numbers associated with core awards, filtered to include only outputs that occurred after an ODSS-associated application was funded.
[2] ODSS in collaboration with the General Services Administration's U.S. Digital Corps (USDC) in the DataPath Fellow Program to recruit and engage early career data professionals. DataPath Fellows are supported 50% by ODSS and 50% by the ICO where they are matched.
[3] ODSS, in collaboration with OD, CIT, NHLBI, and NIA, developed an NIH community pilot LLM chatbot called ChIRP. ChIRP is funded by ODSS and OIR, aiming to create a secure environment for NIH staff to safely explore how generative AI technologies. As of November 2025, ChIRP had 863 active users.
[4] To enhance NIH workforce training, ODSS collaborates with NLM to fund and manage the NIH Coursera Program that offers a limited number of free Coursera licenses to NIH staff. Over the course of FY25, there were a total of 1388 Coursera users, covering all 27 ICs. Please note that Coursera paused on 9/6/2025 due to contract processing delay but will restart as soon as acquisition is processed in the new fiscal year.
[5] (Collaborative support from CIT and ODSS) The NIH Science and Technology Research Infrastructure for Discovery, Experimentation, and Sustainability (STRIDES) Initiative is a partnership with commercial cloud service providers (CSPs) to allow NIH-supported researchers to affordably explore the use of cloud services and environments to streamline NIH data use.

Collaboration Highlights

- The AIM-AHEAD consortium partnered with NIMHD to co-develop AIM-AHEAD and ScHARe Training Program to expose and train individuals from academia, industry, and community-based organizations in utilizing AI for population health research. In the Cohort 1, 25 trainees completed an intensive 8-month program in advanced statistical and computational data analysis.
- ODSS continued to support the ScHARe NAIRR Pilot Project to build a long-term sustainable, efficient, and impactful data ecosystem. ODSS provides support for this development to fill critical health disparities research and AI. Demonstrating utility, best practices, outreach, and training capabilities of this platform is paramount to the goals of the NAIRR Pilot and will help pave the way for health-related data to be leveraged in full NAIRR implementation.
- ODSS partnered with an NIMHD intramural investigator team as an exploratory pilot for the ODSS AI Assurance Lab, enhancing the learnings and investigation of different concepts related to AI assurance within NIH research. These pilots provided valuable insights into the challenges, best practices, and methodologies that shape AI development, assurance, and use in biomedical and health research workflows.
- ODSS led NIH-wide collaborations to develop and implement common data elements (CDEs) in priority areas such as chronic, autoimmune, and immune-mediated conditions. ODSS collaborated with NIMHD for the following CDE projects:
  - NIH Endorsed ScHARe CDEs translated into Spanish - Listi Contract
  - Communication Strategy for CDE Adoption and Construct Validity for Screening SDoH