



New application rounds, NAC and NAC-WG

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NAISS

Outline

- New structure for application rounds
- Object storage
- NAC and NAC-WG
- The application rounds
- NAISS allocations and usage 2024 in figures

Changed structure for application rounds

- Only Small, Medium and Large rounds from 2026
- Not specific rounds for compute, storage, or sensitive data
- Apply for all your need in a single proposal!

Why?

- Simplifies for most of our users
- No negative impact for others
- Improved overview
- Less administration

Time schedule for the change

- Implemented already for NAISS Large Fall 2025
 - Positive feedback from applicants
 - No increase in questions
 - No increase of problematic proposals
- Combined Medium and Small will open January first, 2026
- Exception: LUMI Sweden and LUMI Benchmark and Development

Why three categories / how to choose?

- Why Small, Medium, and Large?
- How to select category?
- Look on **total** compute, storage, etc, need
 - Scientific sub-projects with a NAISS proposal / project

Special cases

- Handle both non sensitive data and sensitive data
- Independent projects need the same large database

How to merge and continue my current projects?

- Continuation proposals from compute project
- Storage Takeover from storage project to keep Directory Name

Object storage

NAISS will start to offer object storage for a fee

- Maximum SEK 500 / TB-year, hopefully below SEK 300 / TB-year
- Available first quarter 2026
- Minimum fee (SEK 10 000)
- Fast network access
- Single site
- No backup

Object storage contined

Swestore / dCache

- NAISS will decommission Swestore / dCache
- No new Swestore / dCache allocations
- NAISS will automatically extend allocations for projects that are active on last of December 2025. The extension will be until NAISS object storage is in production. There will be no charge during the extension period.

NAC and NAC-WG

National Allocation Committee (NAC)

- Overall responsible for NAISS allocations
- Responsible for decisions on NAISS Large and LUMI Sweden calls
- Members appointed by the NAISS steering committee

National Allocation Committee Working Group (NAC-WG)

- Assist NAC
- Responsible for decisions on NAISS Medium and Small calls
- Appointed among NAISS staff by the NAISS director

Eligibility and responsibility

NAISS is financed by Swedish tax payers with the objective to strengthen science and research in Sweden. The Principal Investigator (PI) must hold an appointment of at least 60 % at a Swedish university or research institution recognised by the Swedish Research Council.

The research supported by these resources must be predominantly carried out in Sweden. This aspect is taken into account during the evaluation and, in the case of strong competition, can be used to prioritise applications.

The PI is responsible for the proposal and usage of any granted resources.

Small

- Primarily intended for groups starting up on NAISS resources, or where the requirements fit in a smaller allocation
- At least doctoral student at an eligible Swedish institution
- Continuously open for proposals
- Scientific abstract, resource usage, data management plan
- Handled within a few work days
- Reviewed and decided by NAC-WG

Medium

- For general use and established groups
- At least assistant professor at an eligible Swedish institution
- Continuously open for proposals
- Scientific abstract, resource usage, data management plan
- Handled at the end of each month
- Reviewed by NAISS application experts
- Decided by NAC-WG

Large / LUMI Sweden

- For established groups with high demands and a proven track record in computing
- At least assistant professor at an eligible Swedish institution
- Experience from using HPC resources at least at the Medium level, or a corresponding level abroad
- Two calls each year, Spring and Fall (LUMI only Fall)
- Scientific abstract, uploaded documents:
 - Project description, CV and Publication list

Large continued

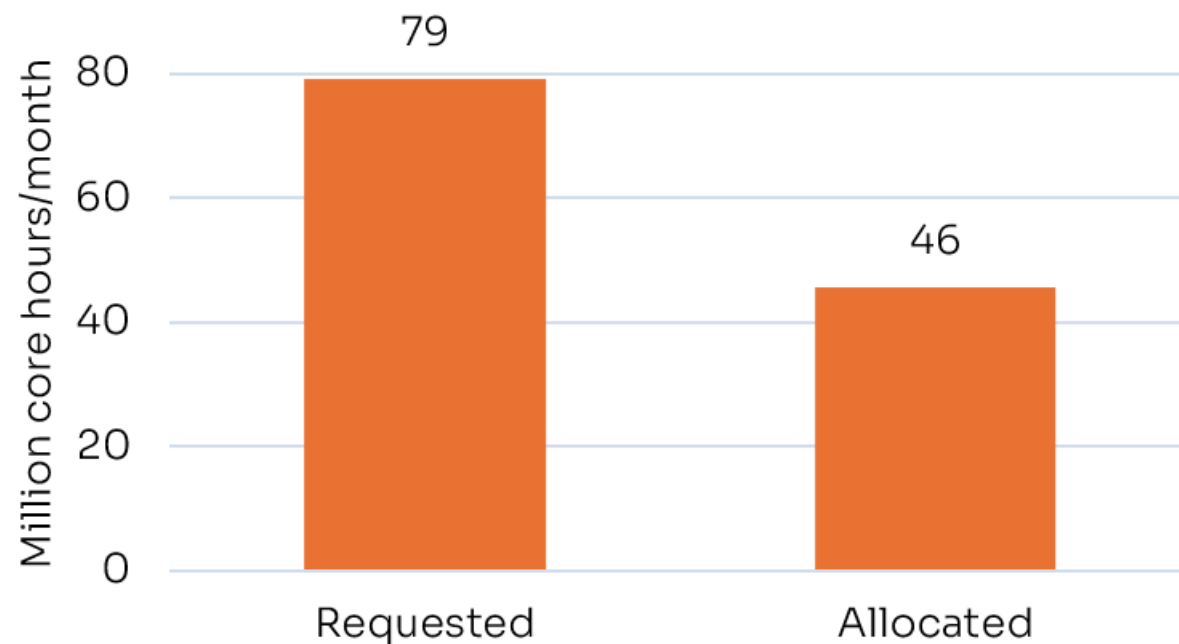
- Two scientific peer reviews, one from within NAC and one external
- Technical review by NAC-WG
- Decided by NAC

A PI can not have compute resources in a Medium project and compute resources in a Large project simultaneously. Any compute resources in a Medium project will be terminated prematurely if the PI is granted compute resources in a Large project.

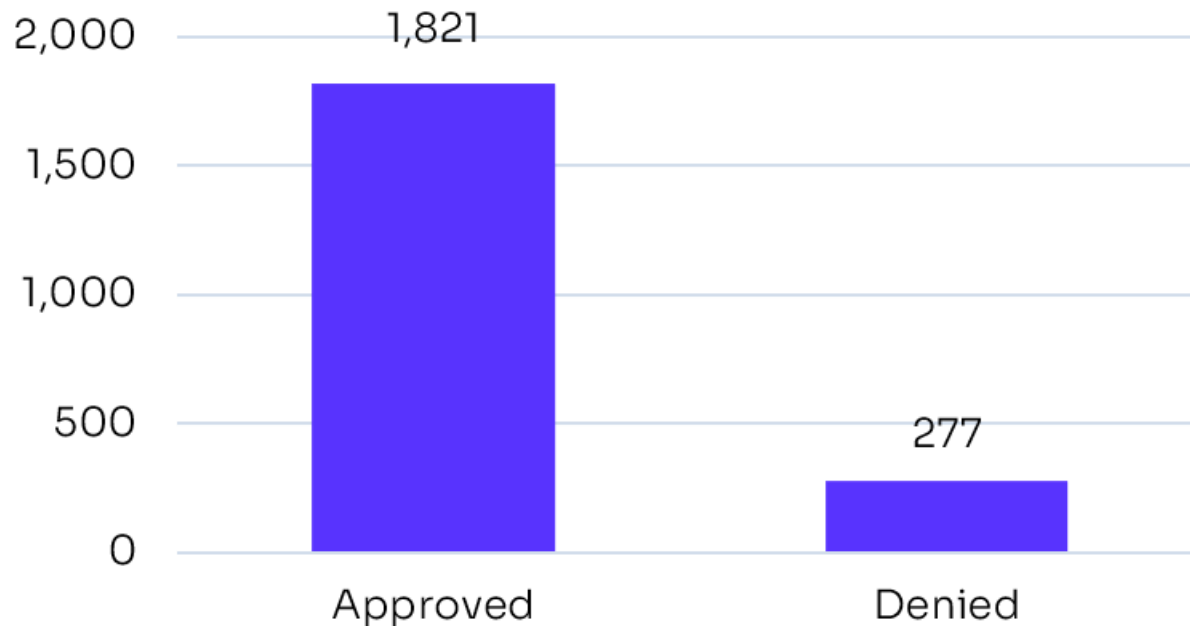
NAISS allocations in figures 2024

- Success rate on proposals
- Requested versus allocated amount
- Approval rate per gender
- Approved amount per research area
- Approved amount per host organisation

Requested/allocated compute proposals 2024

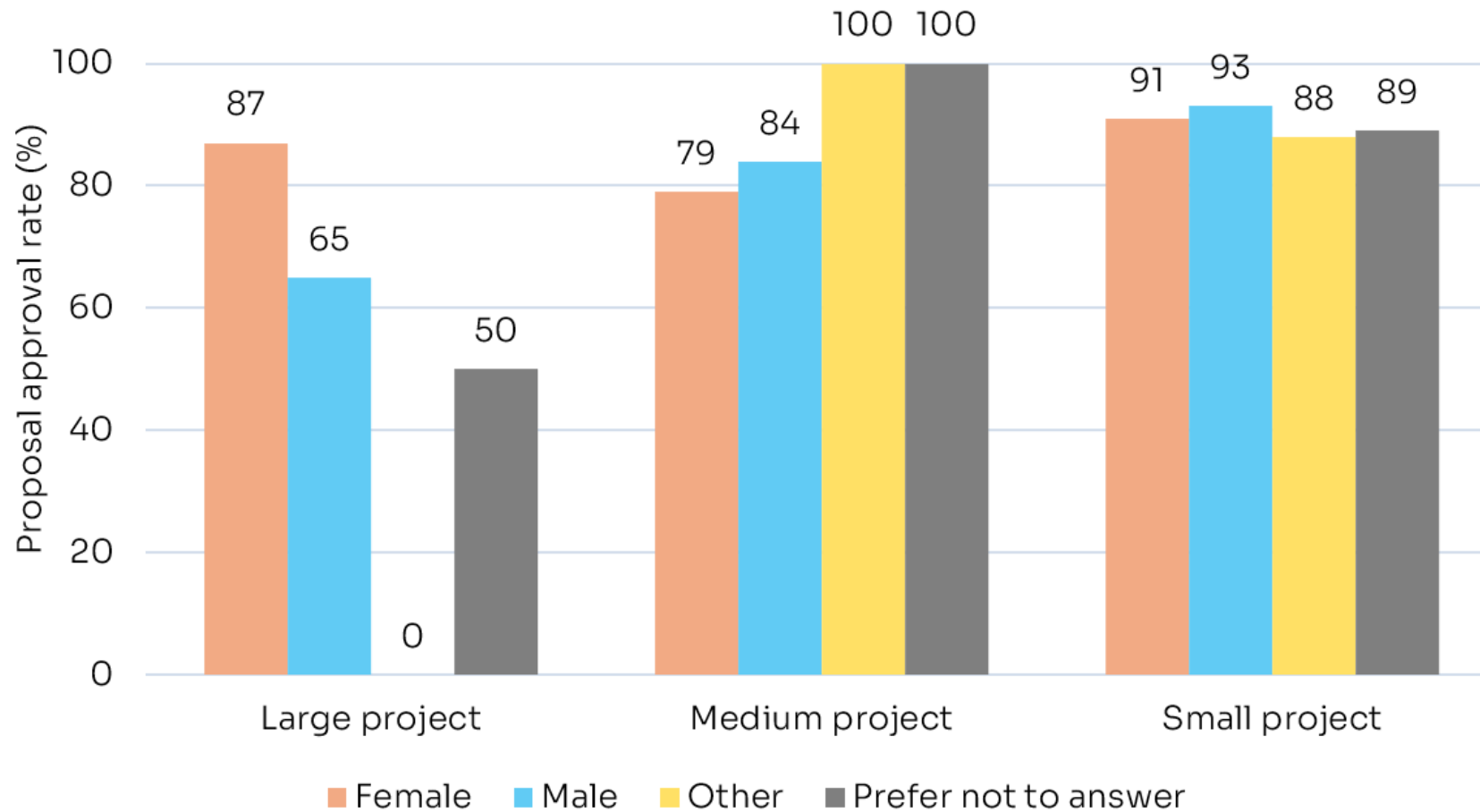


Approved/denied compute proposals 2024



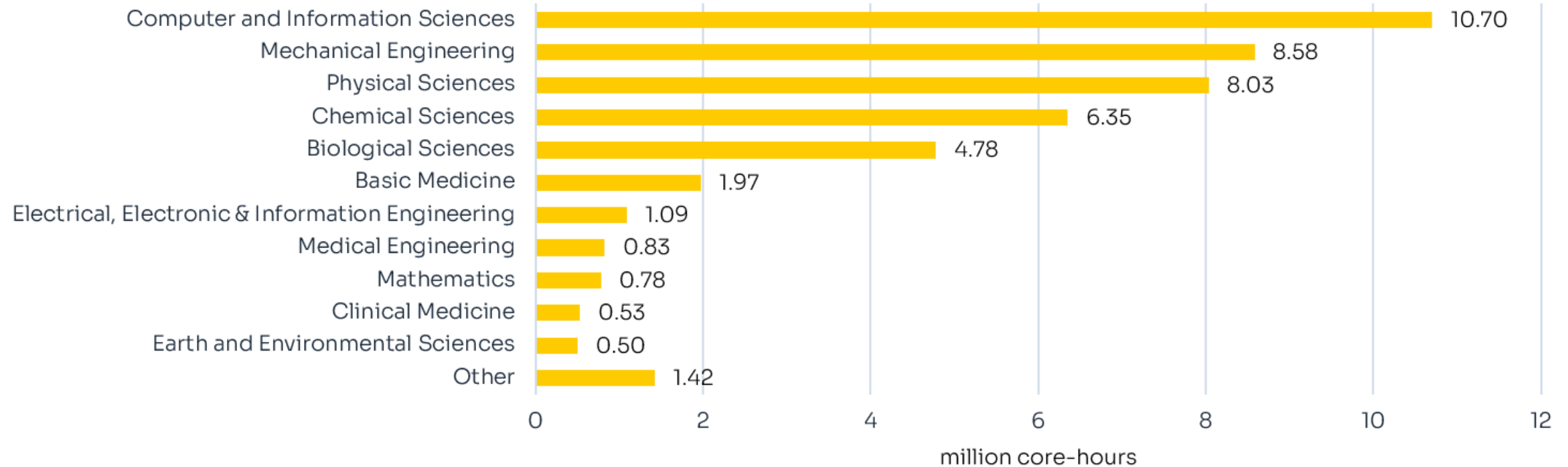
Some 13 percent of compute proposals were rejected either due to eligibility or because the research project could not justify the resources requested. Even for approved projects, only 62 percent of the requested resources could be granted.

Approval rate per gender 2024

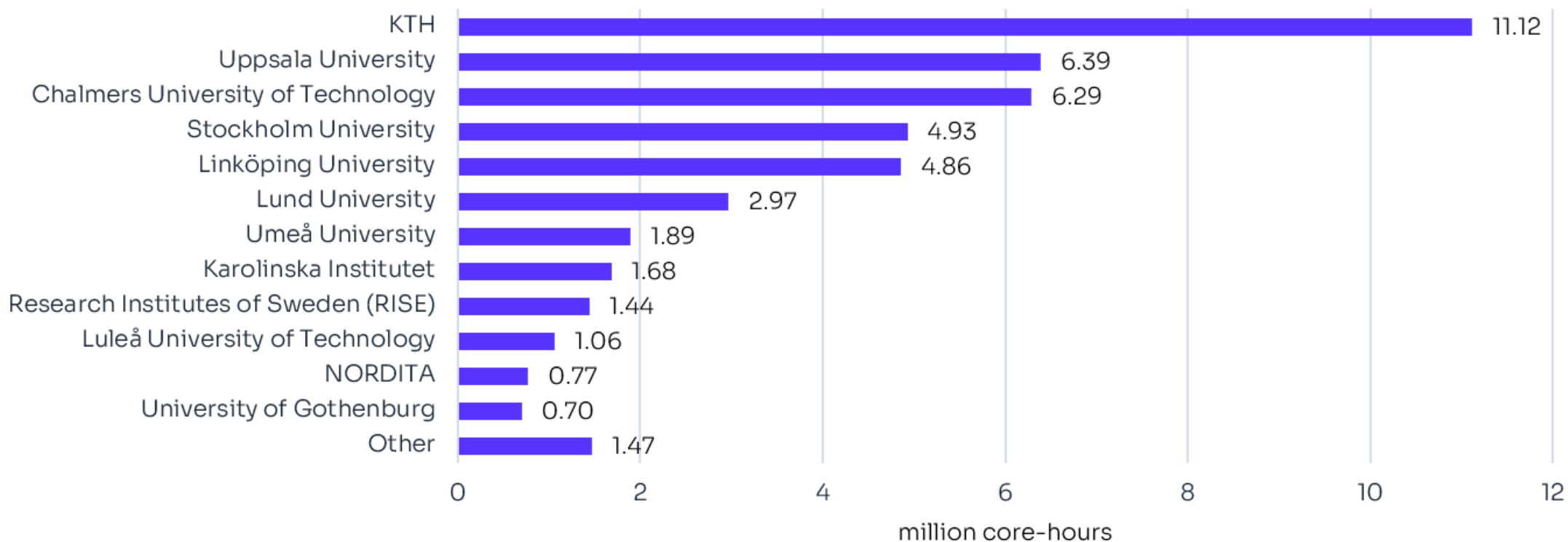


While the majority of PIs are male, one third of the users are female. Female PIs have similar or slightly better approval rates than their male colleagues.

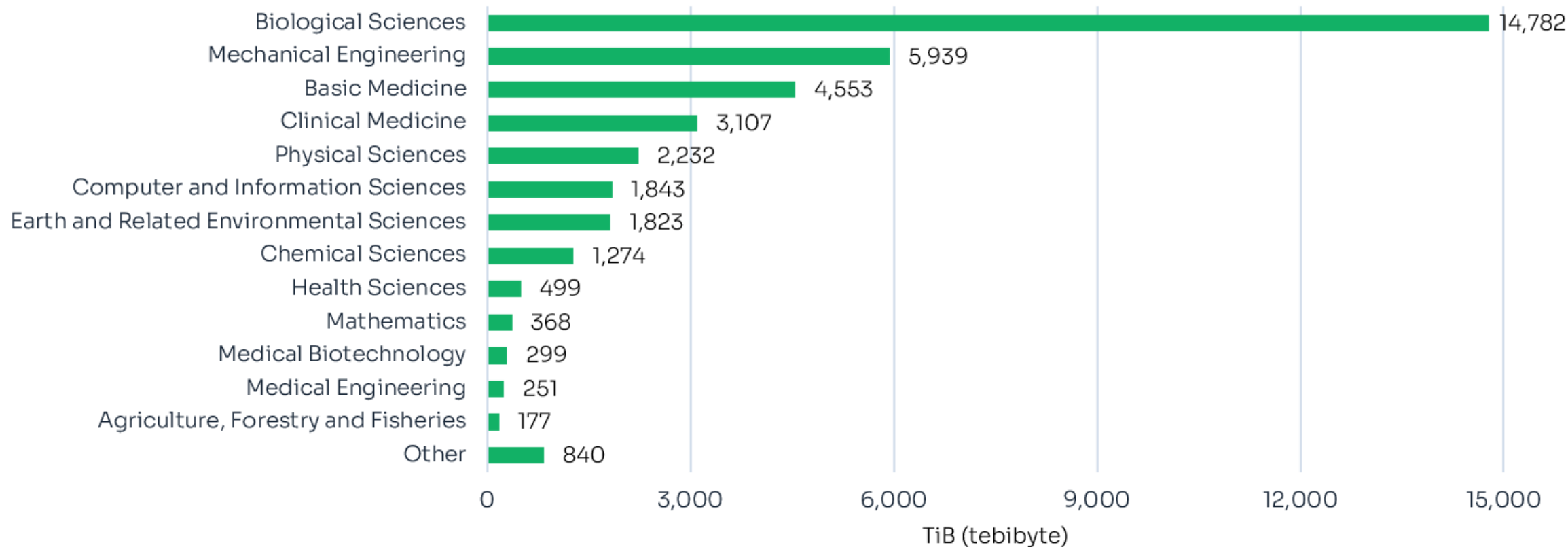
Allocated compute resources per research area 2024



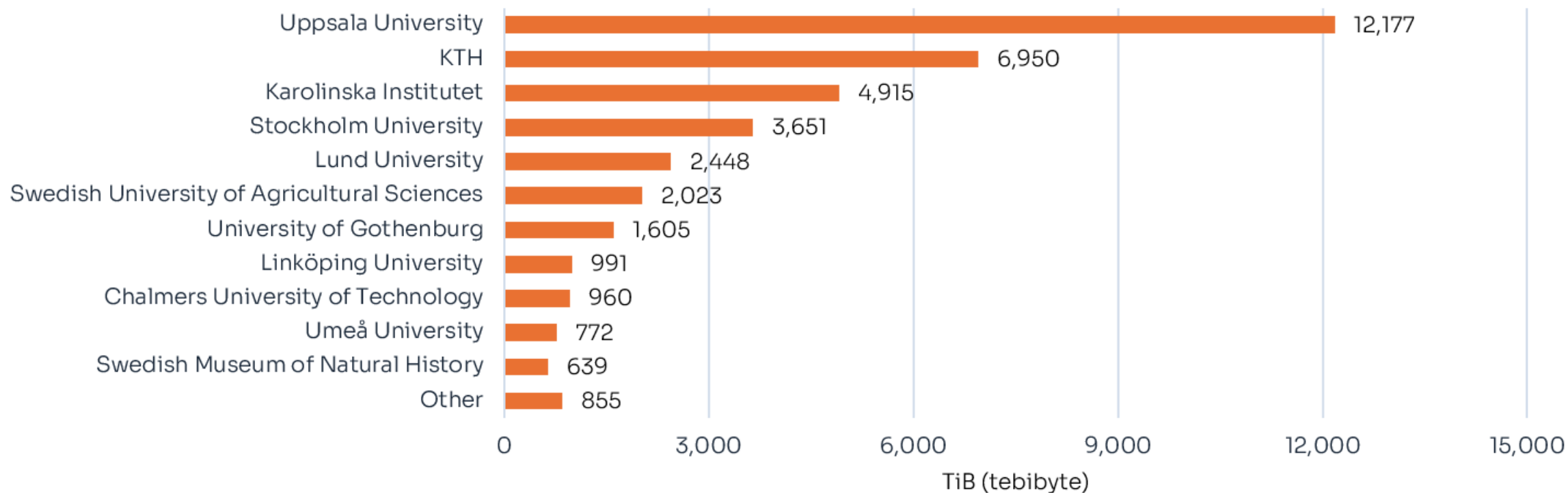
Allocated compute resources per host organisation 2024



Allocated storage per research area 2024



Allocated storage per host organisation 2024





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