

DUNE DAQ Consortium Board

October 7th 2024

Ryan Nichol, October 7th 2024

DUNE DAQ Consortium Board

- We've had a long break between DUNE DAQ consortium board meetings
- As a reminder the DUNE DAQ Consortium Constitution is stored in CERN EDMS
 - <https://edms.cern.ch/document/2959199/1>
- Going forward we are going to attempt to stick to a bi-monthly schedule with meetings on the first Monday of every other month.
 - We can adjust the schedule if necessary

DUNE DAQ Effort Survey 2024

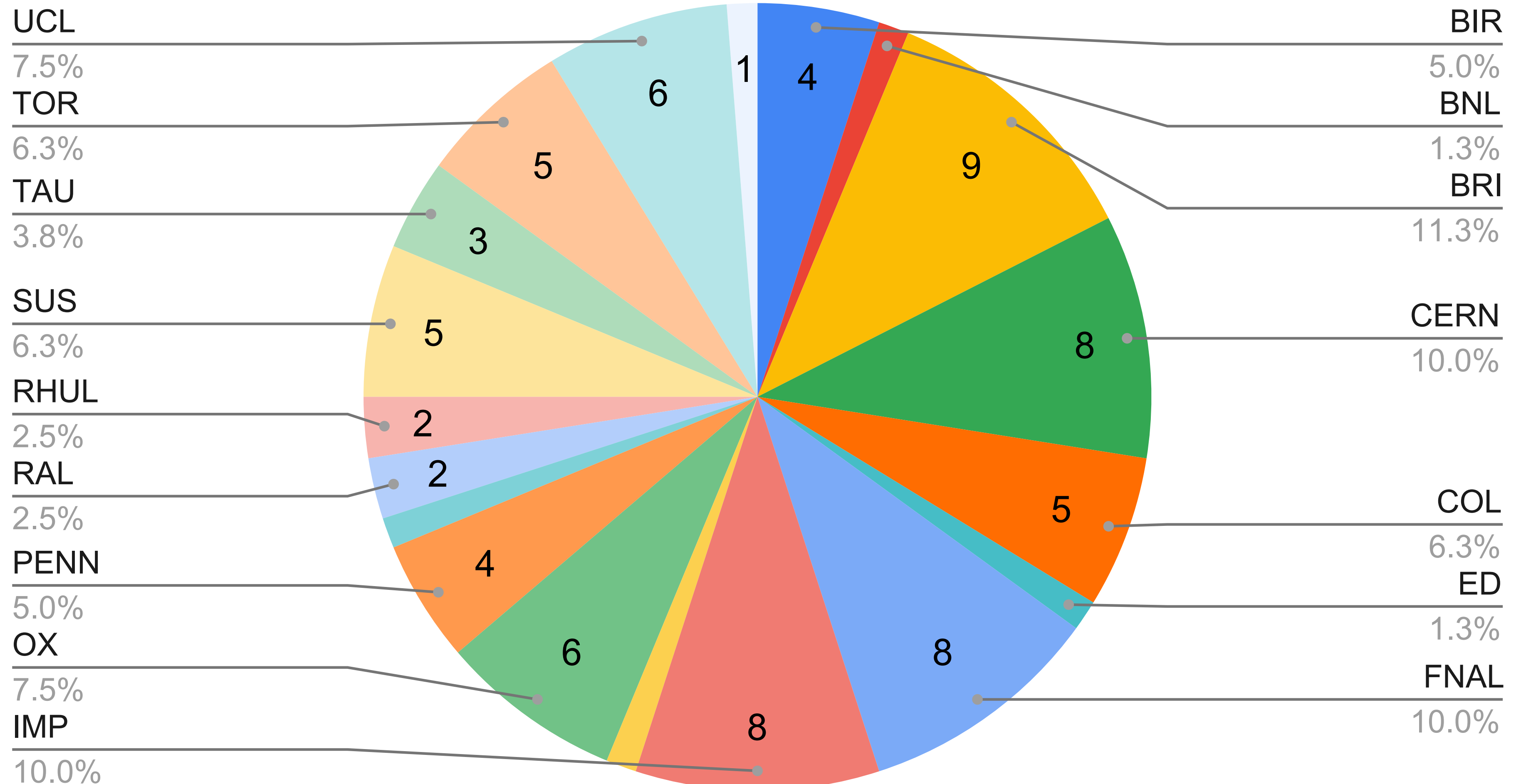
Results from March 2024

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Number of People

Institution (Number of People)

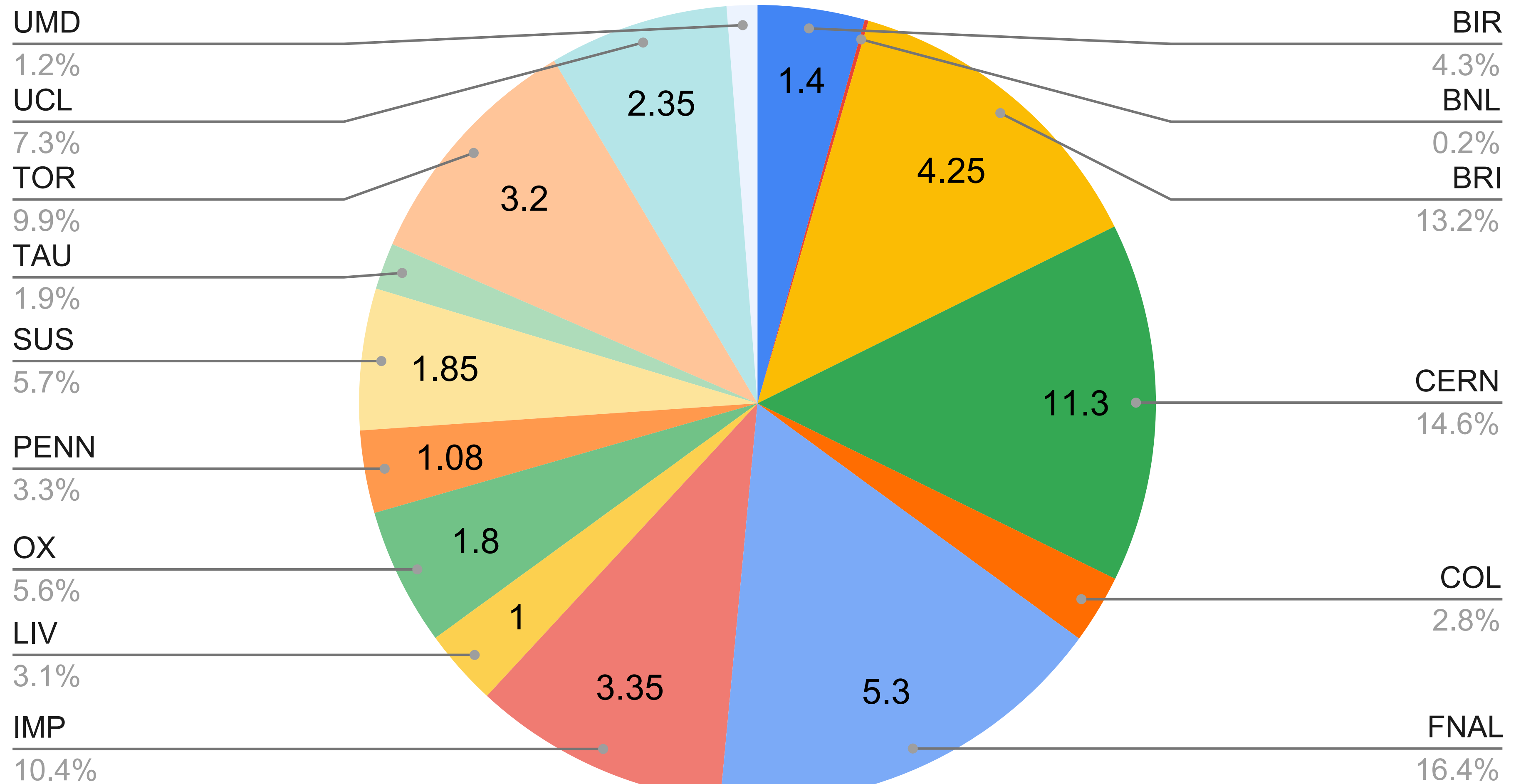
- We carried out a DUNE DAQ effort survey in March 2024
- Responses covering 80 individuals from 19 institutions



Total Full Time Equivalent

- We carried out a DUNE DAQ effort survey in March 2024
- Responses covering 80 individuals from 19 institutions
- Corresponding to 32.25 FTE

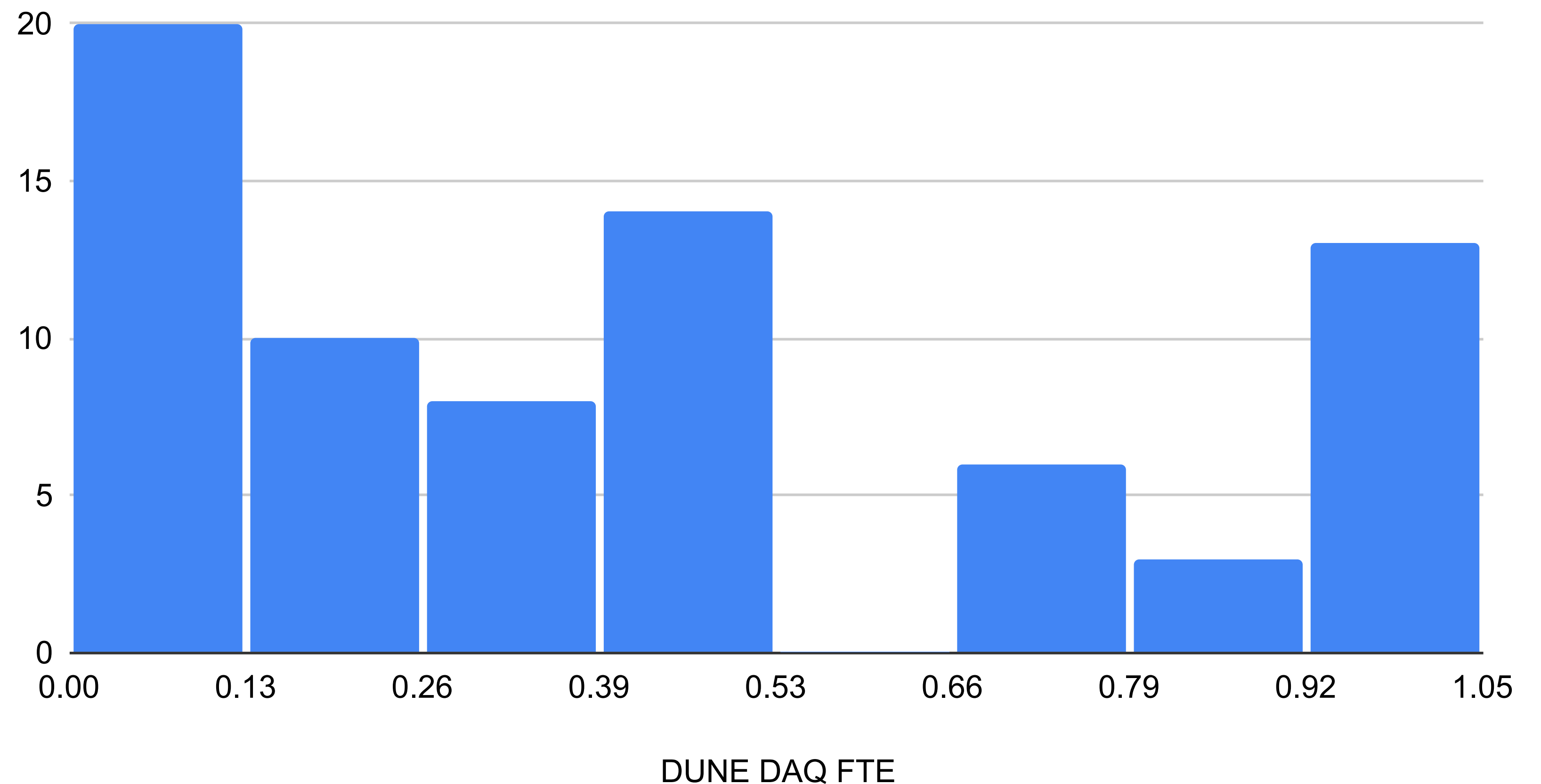
Institution (Summed FTE)



Fractions on DUNE DAQ

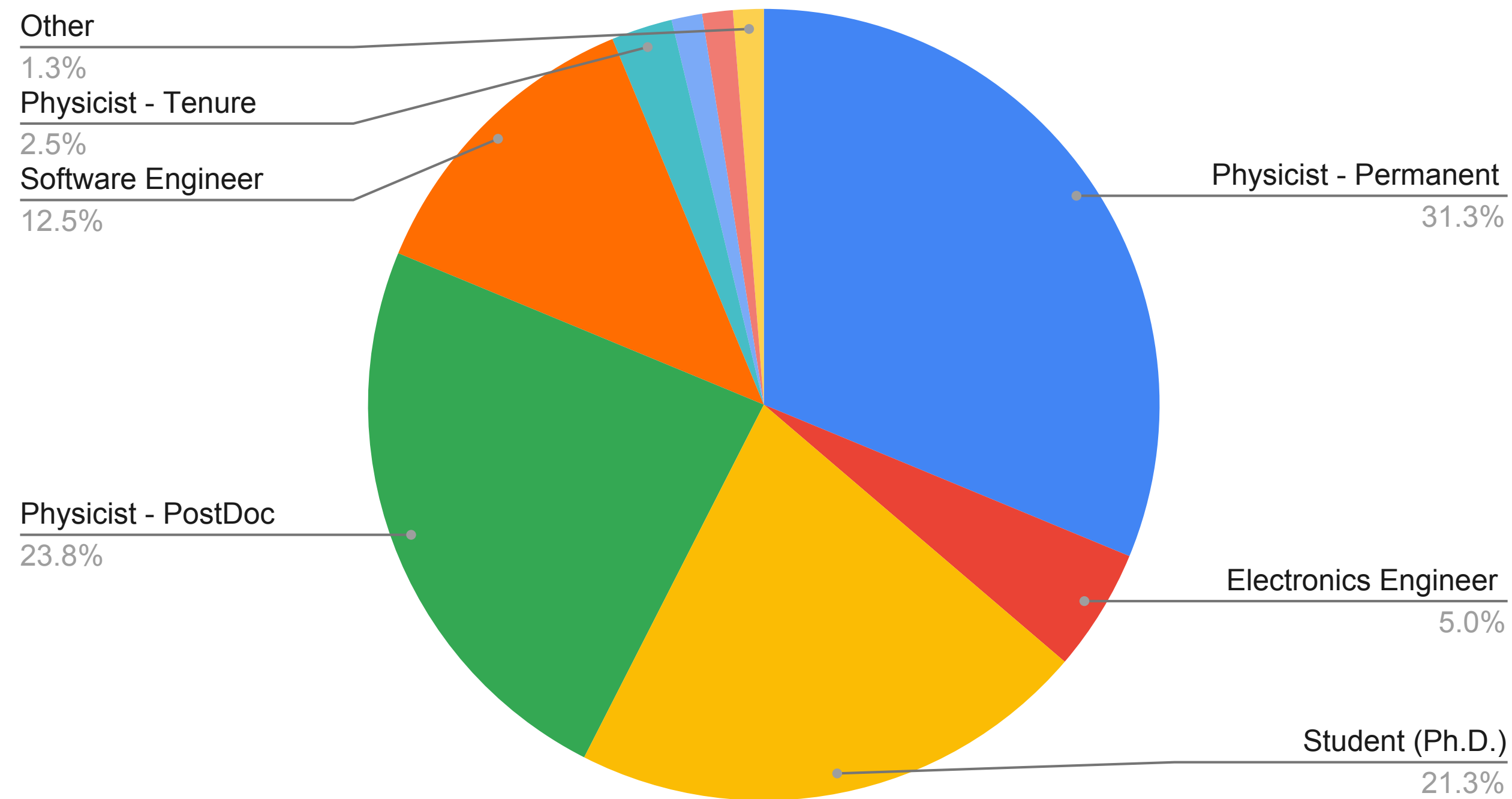
- We have a large number of people with only a small fraction of their time on DUNE DAQ
- For 13 people DUNE DAQ is a full time job

Histogram of DUNE DAQ FTE

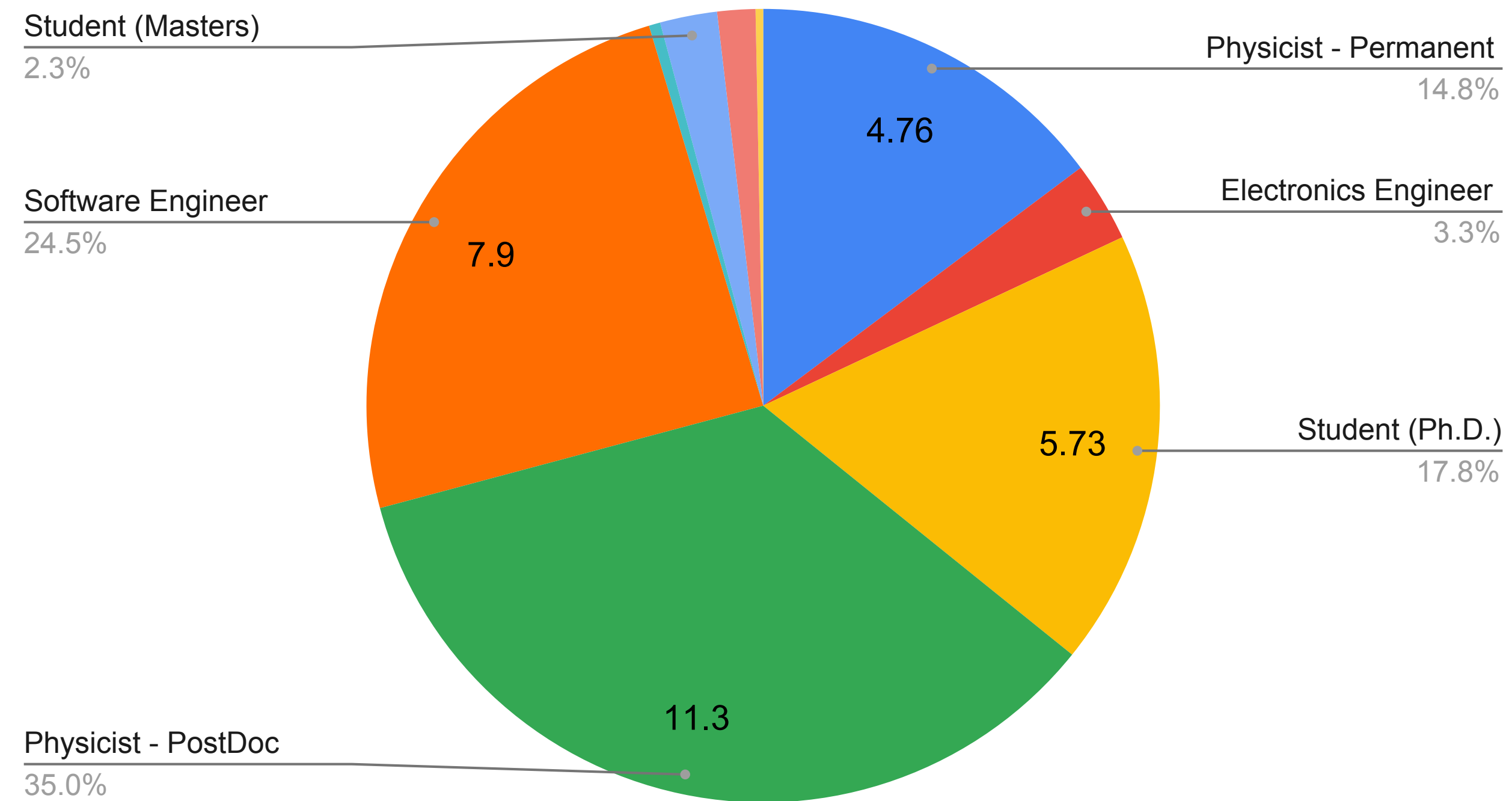


Roles

Number of People



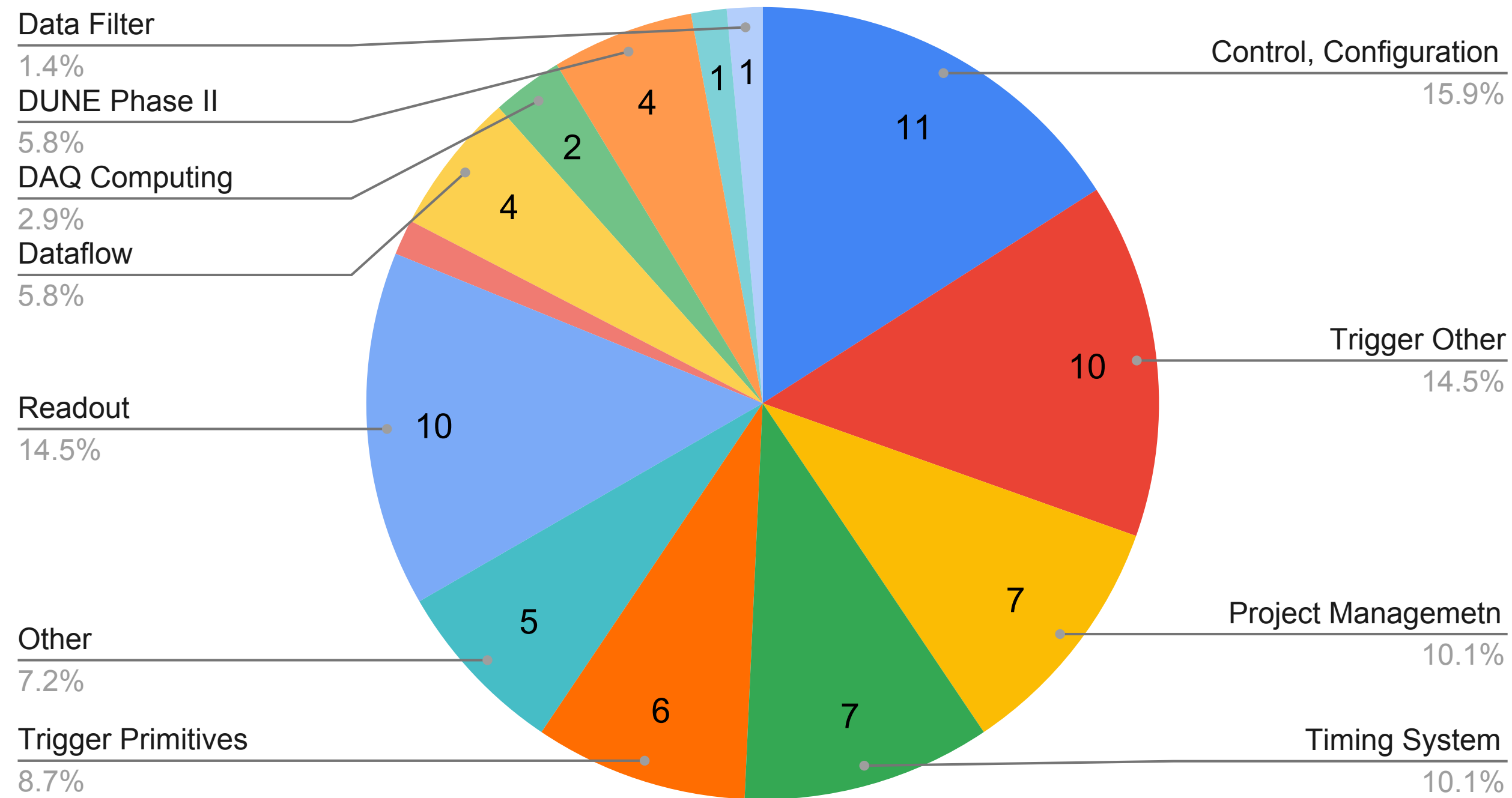
Summed FTE



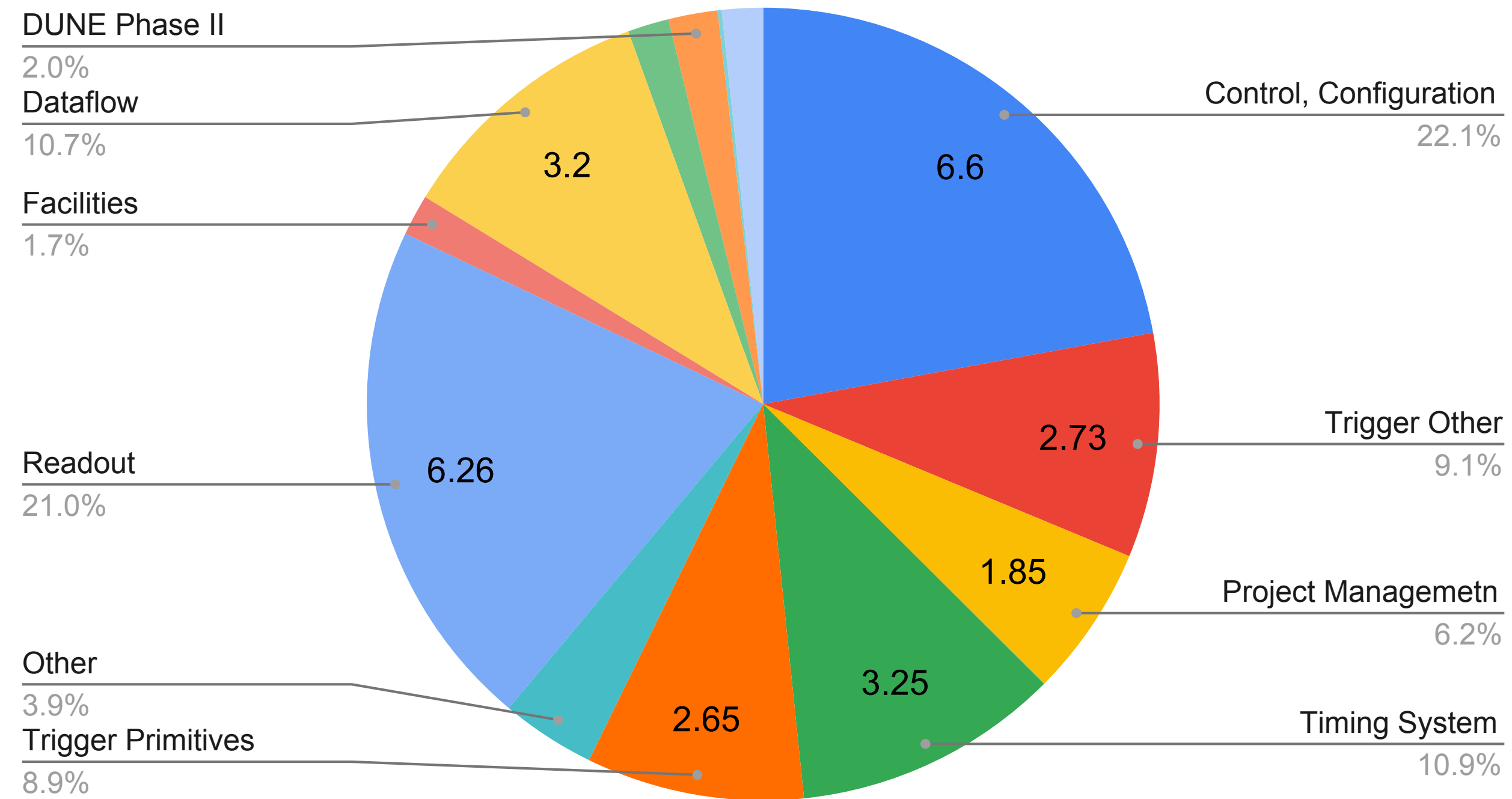
- Almost 1/3 of the response were from “Physicist - Permanent” but they only account for 4.76 FTE
- Biggest useful fractions are Physicist - Postdoc, Software Engineer and Student (PhD)

Primary Activity

Primary Task (# of people)



Primary Activity (Summed FTE)



- CCM and readout are the biggest activities (note the summed FTE is assuming only a single activity so is an overestimate)
- Although significant number of people working on Trigger Other, DUNE Phase II it is only a small amount of FTE

Thoughts

- How far short of required effort are we to deliver the FD DAQ?
 - Do we need extra information about ProtoDUNE-VD?
 - There is extra information on post end dates and comments that will be shared with the DUNE DAQ Management Team
- What is the correct frequency to update the effort survey?
 - Yearly?
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