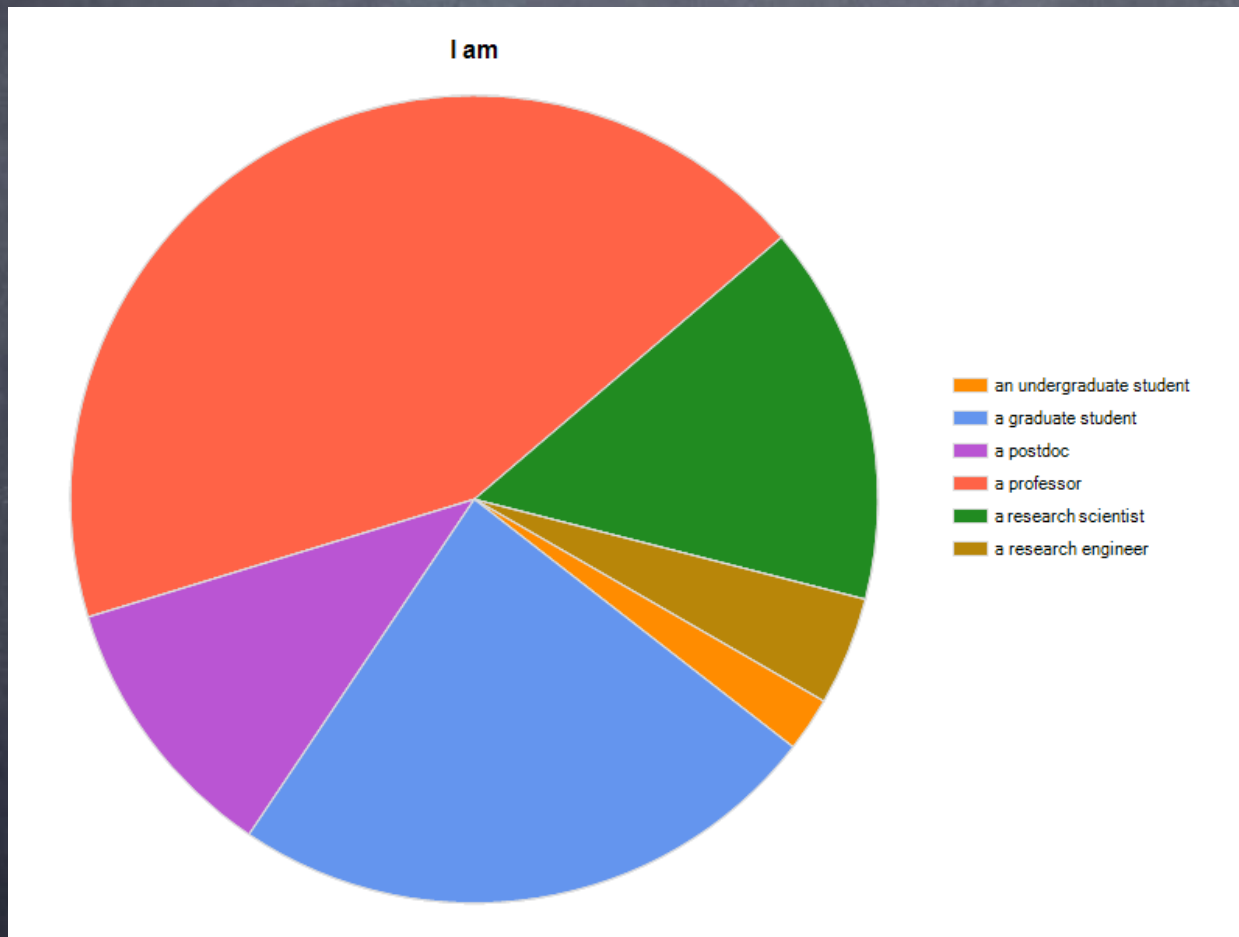


# NY State Telescope Survey Results

Stefi Baum (Chair), Steve Lawrence, Dan Watson,  
James Lloyd, NYSAC Telescope Committee

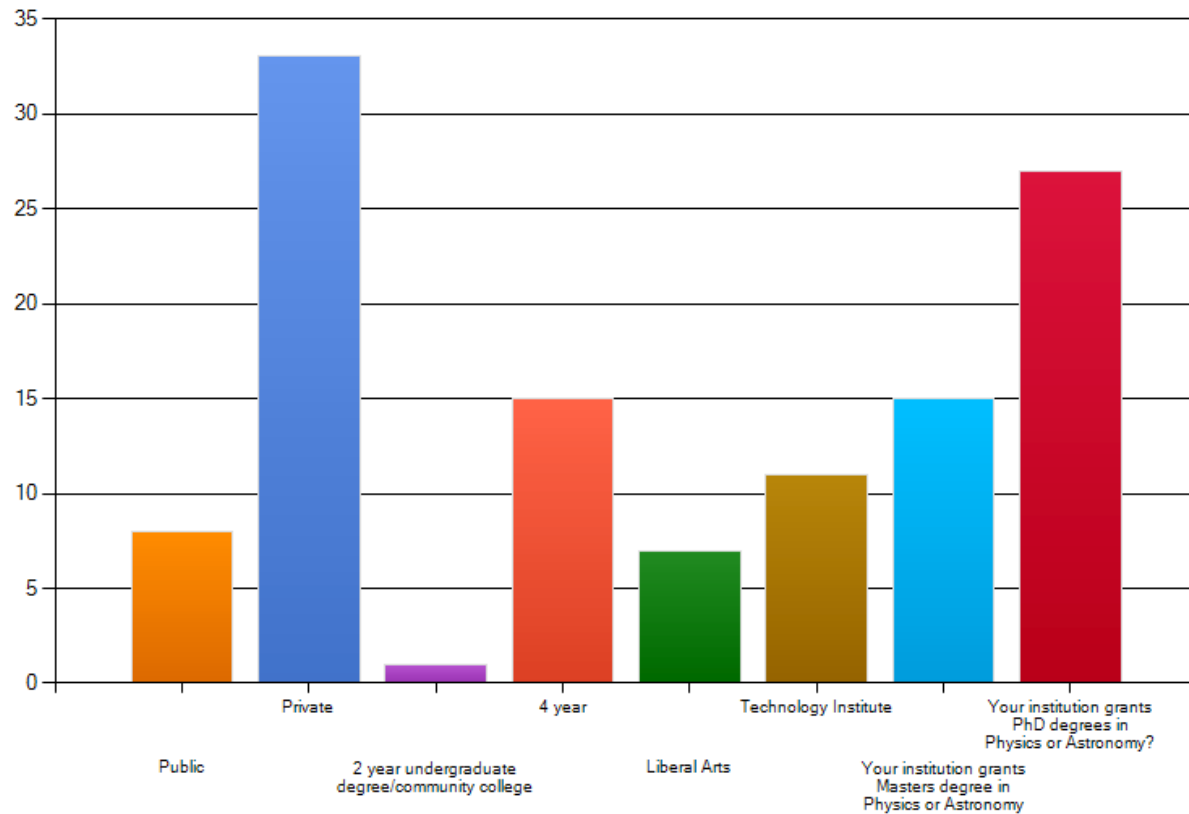
# Respondents

47 respondents



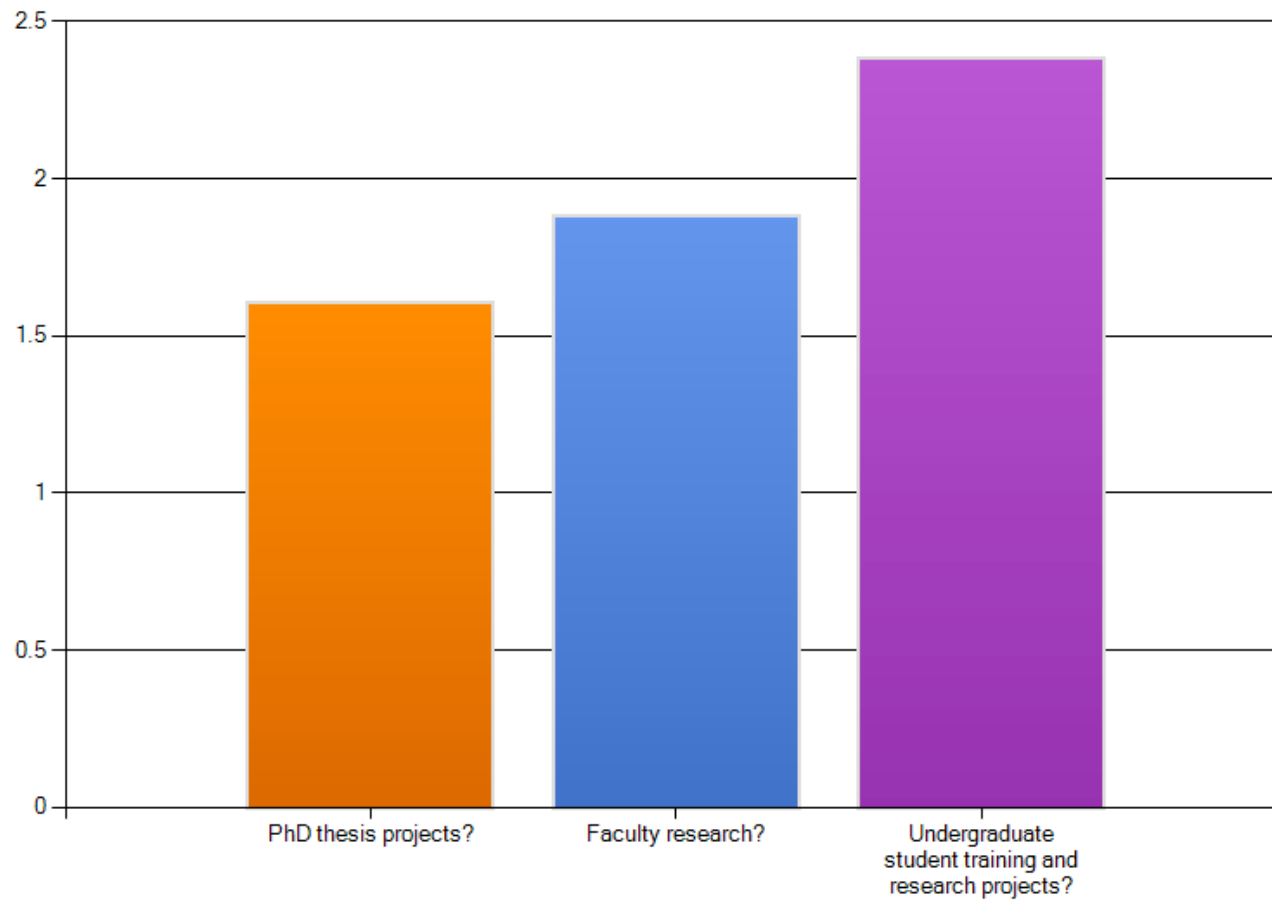
# Institution Type of Respondents

What type of institution are you at? (Please check all answers that are appropriate for your institution).



# Purpose

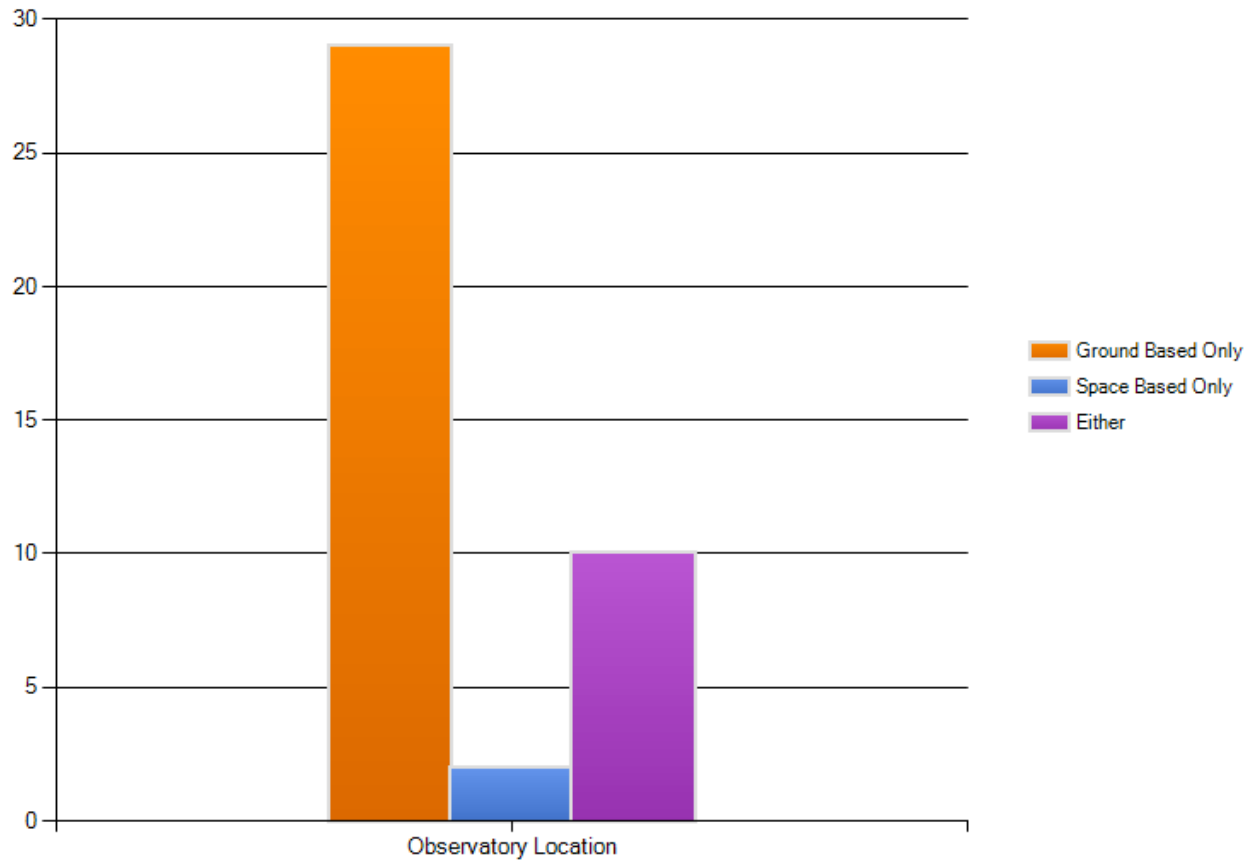
In rank order, what purpose do you see for a NY State Telescope?



Smaller #  
is higher  
ranked

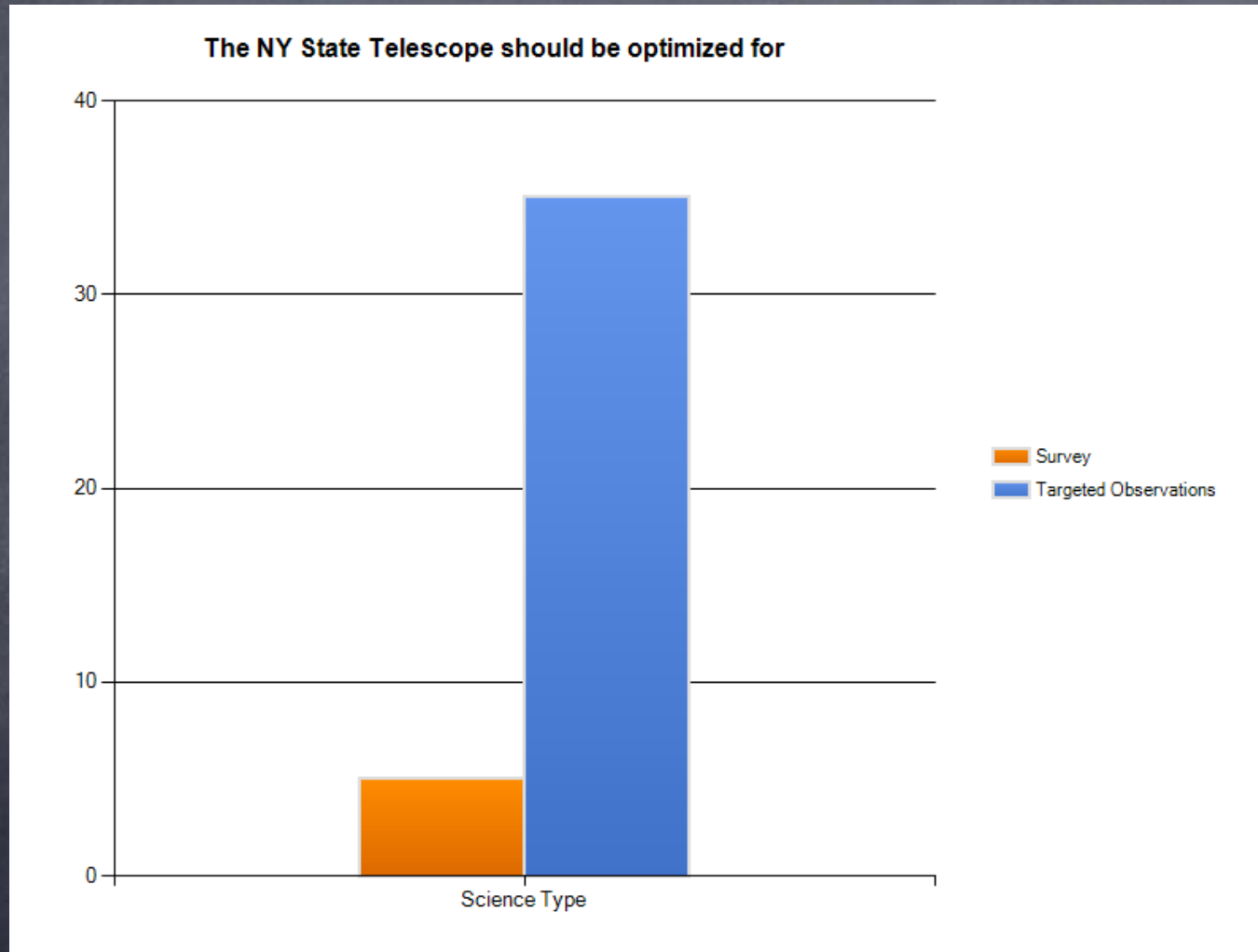
# Telescope Location

Identify whether you think we should consider a ground based or space based telescope.



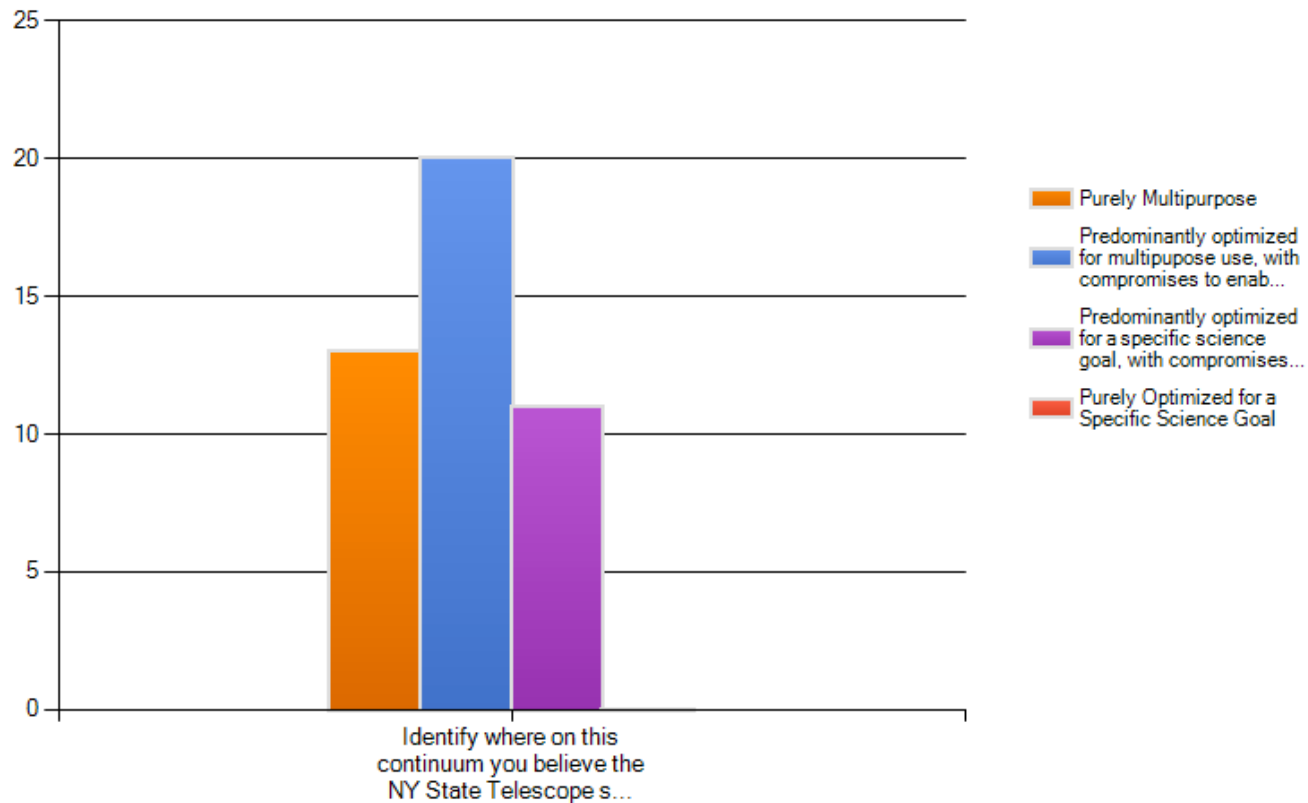


# Telescope Optimization



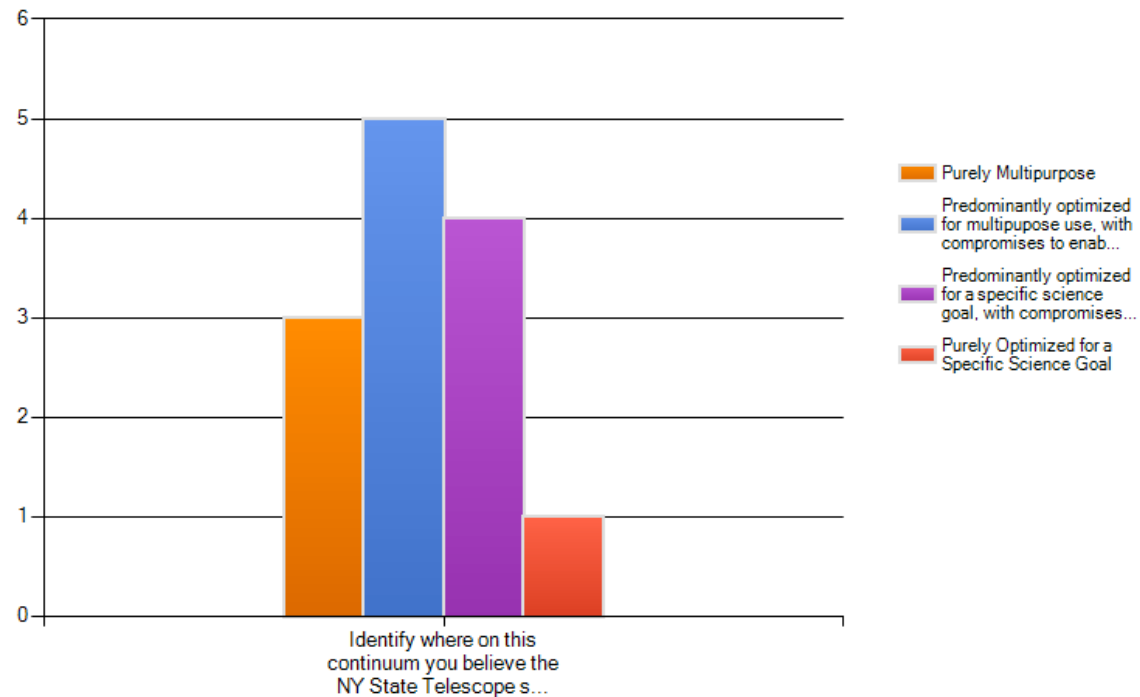
# Telescope Extreme Goals

Consider that NY State's Telescope can either be, at the extremes, (i) a multiple purpose observatory that maximizes its overall utility to the NY State community (for education, student use, and research) but is not optimally designed for any one purpose and may not be cutting edge;(ii) a cutting edge observatory designed to accomplish a more narrow scientific goal at the forefront of technology and science.



# Chairs - Extreme Purpose

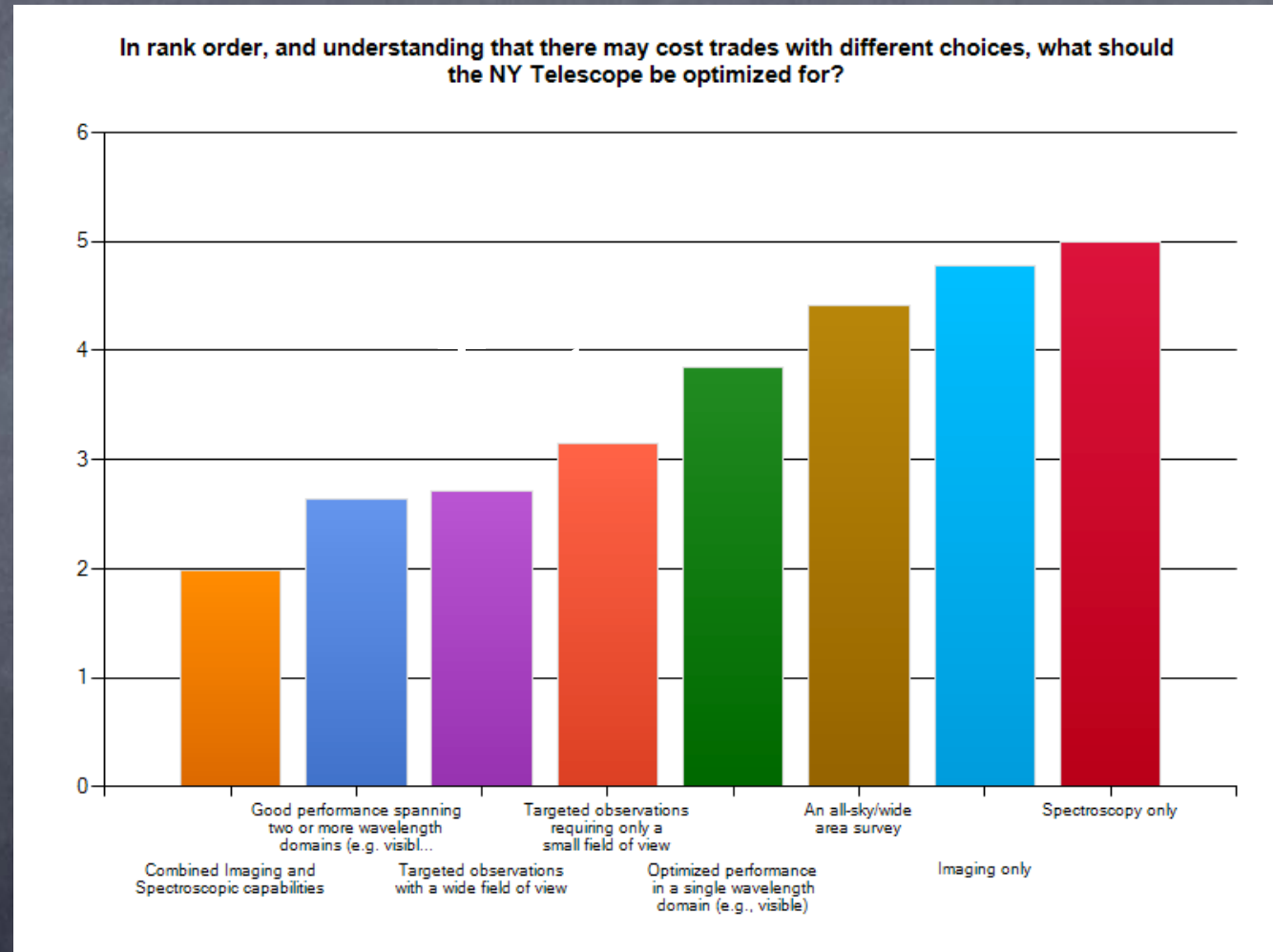
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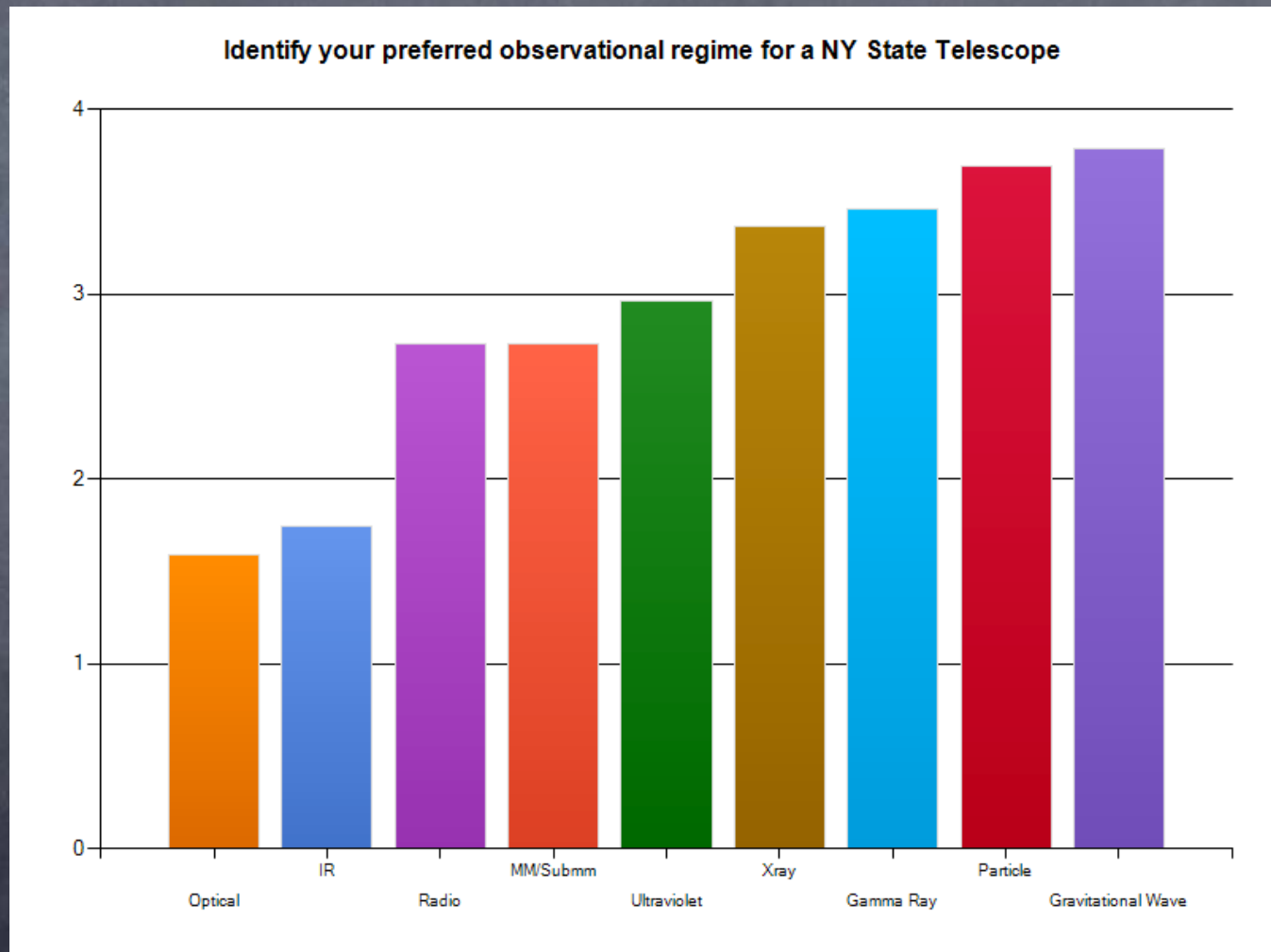
# Telescope Optimization

Small # =  
higher  
ranking

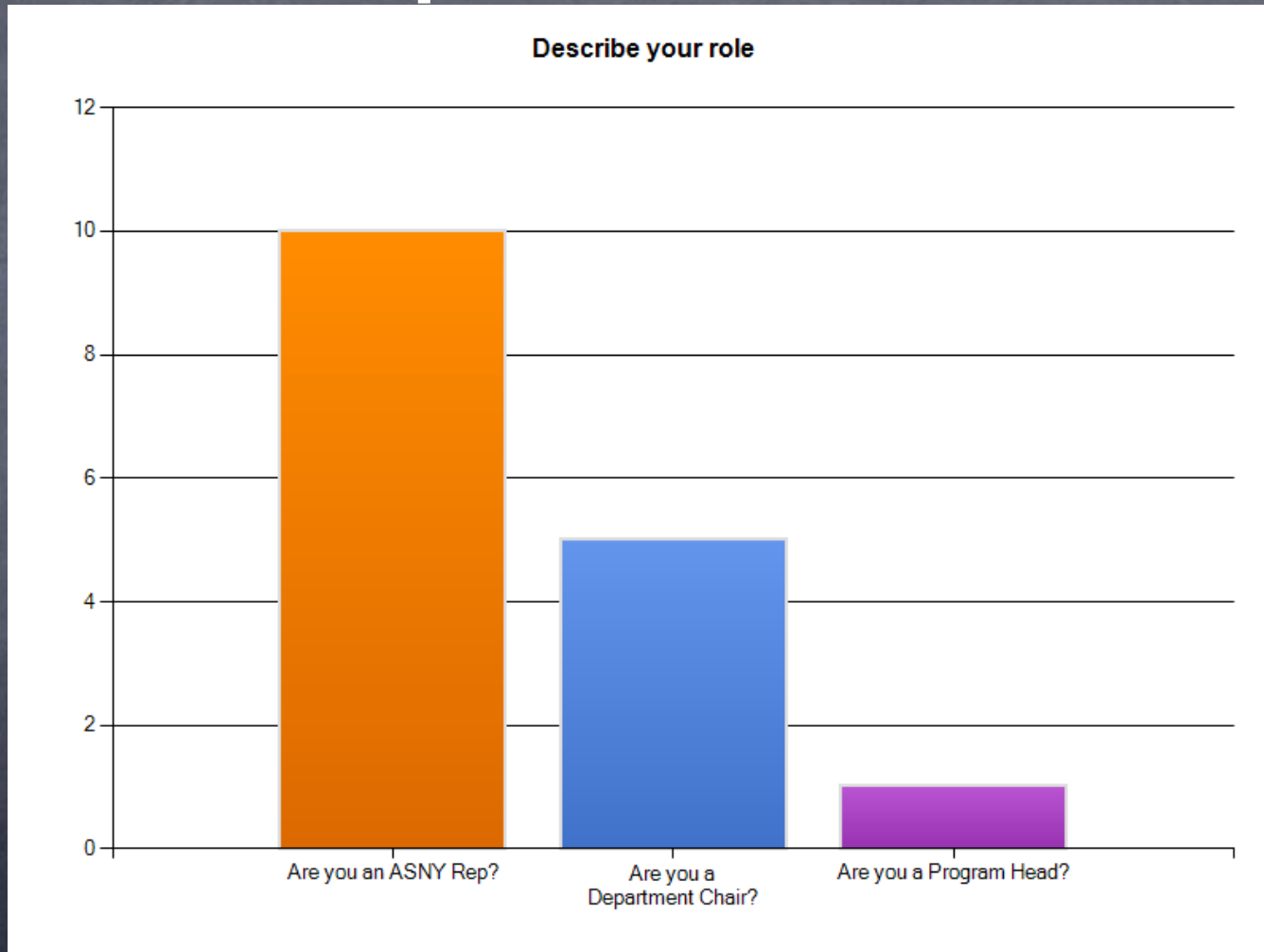


# Telescope Wavelength Regime

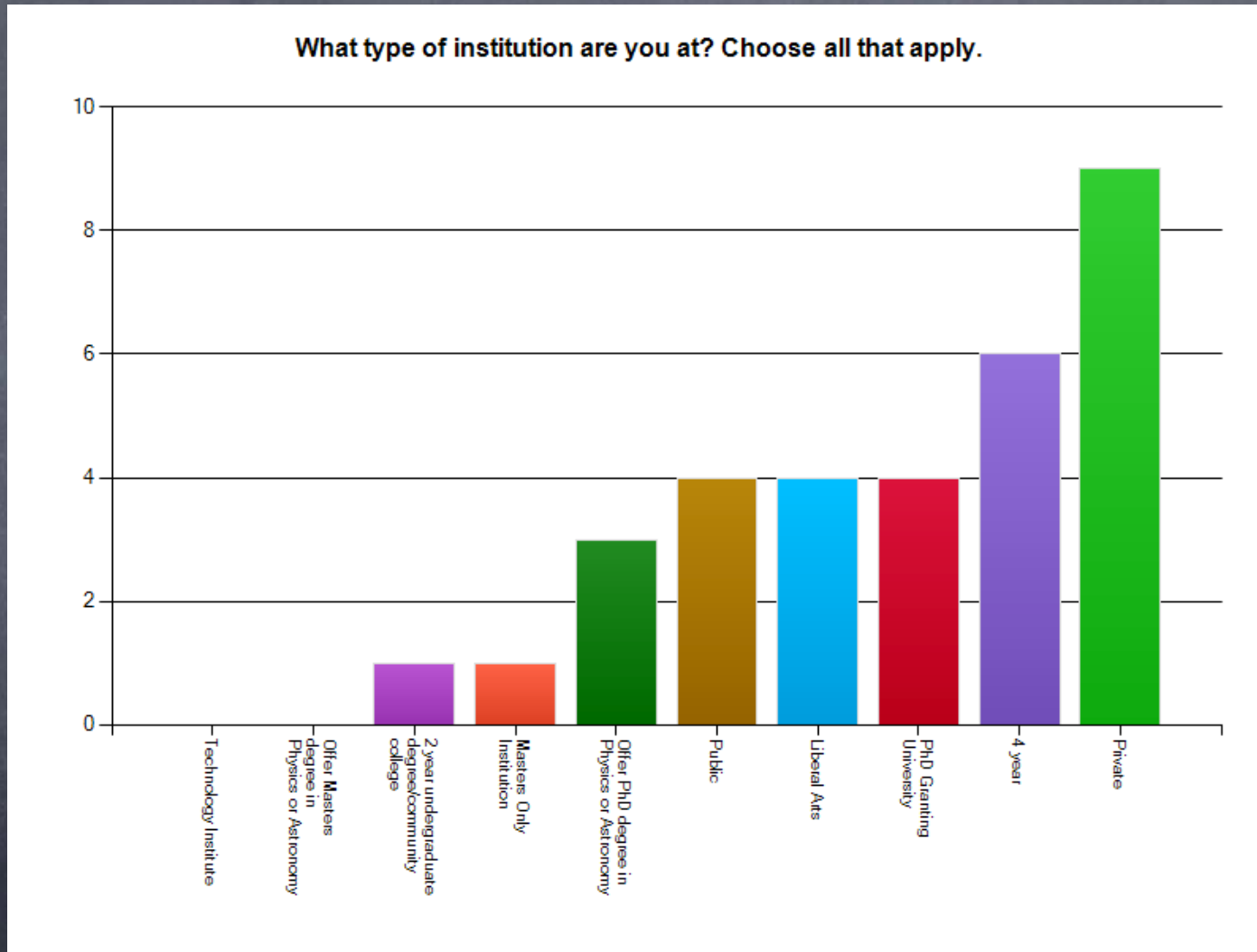
Small # =  
higher  
ranking



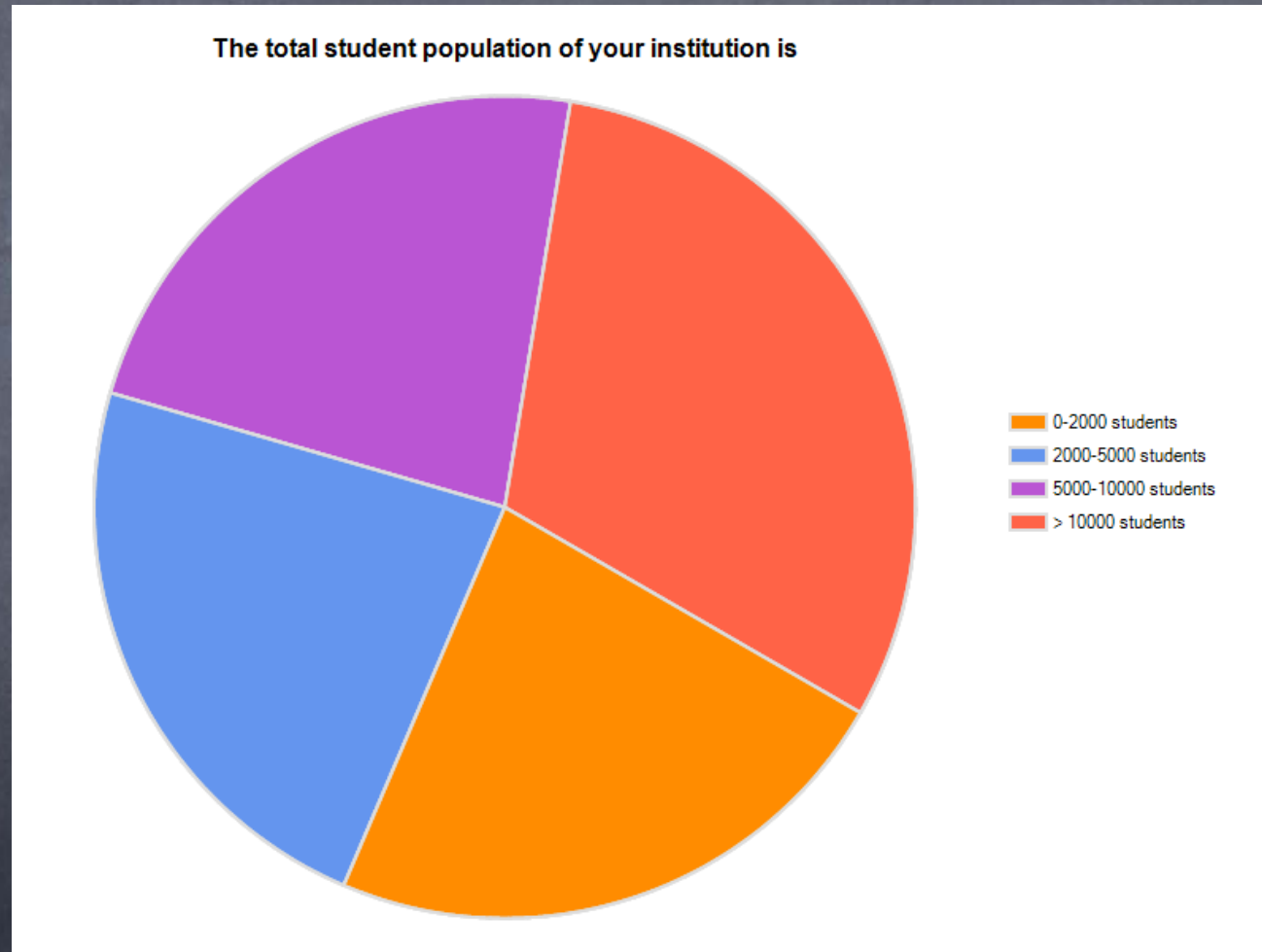
# Chairs - role of 13 respondeners



# Chairs - Institution Type

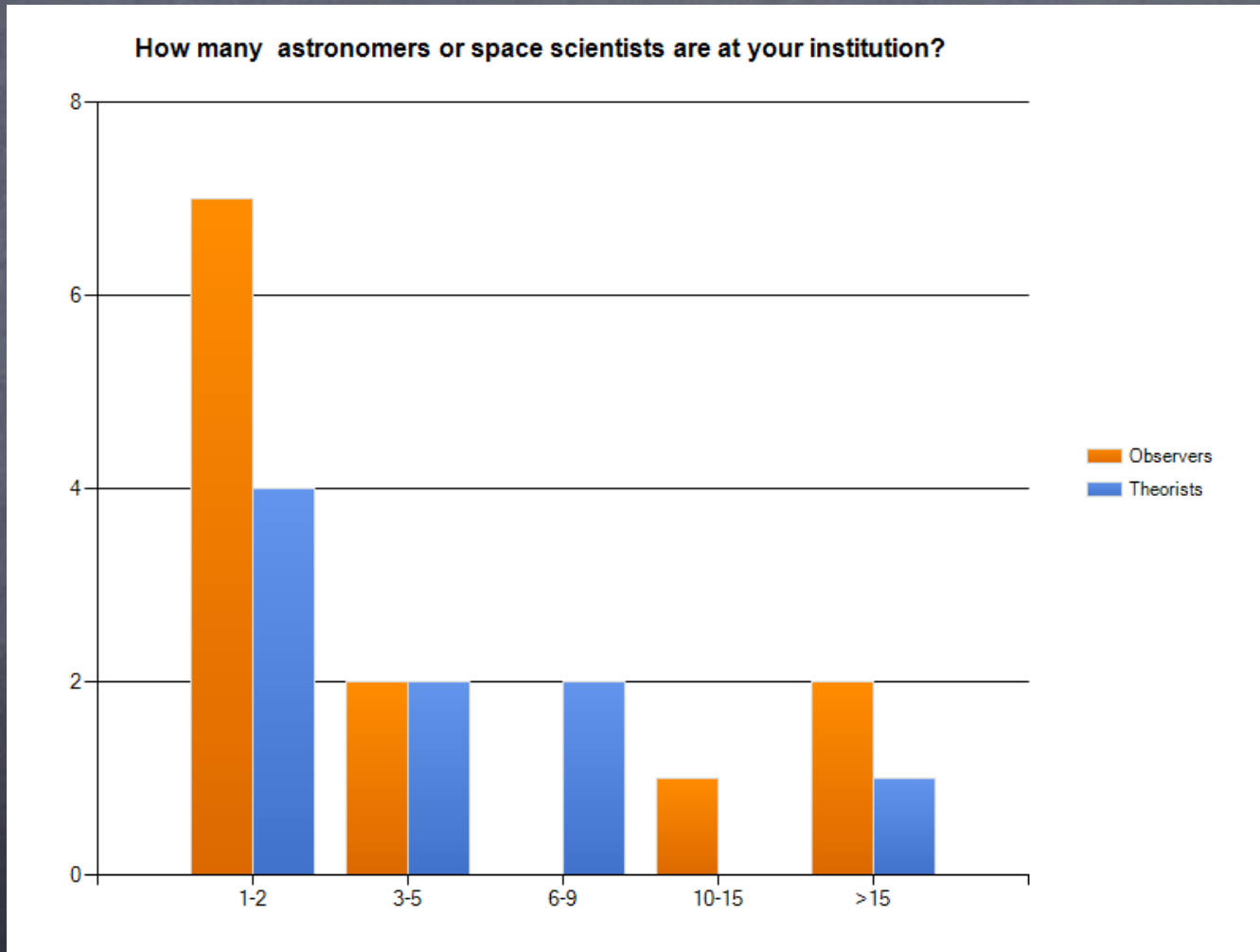


# Chairs: Student Populations



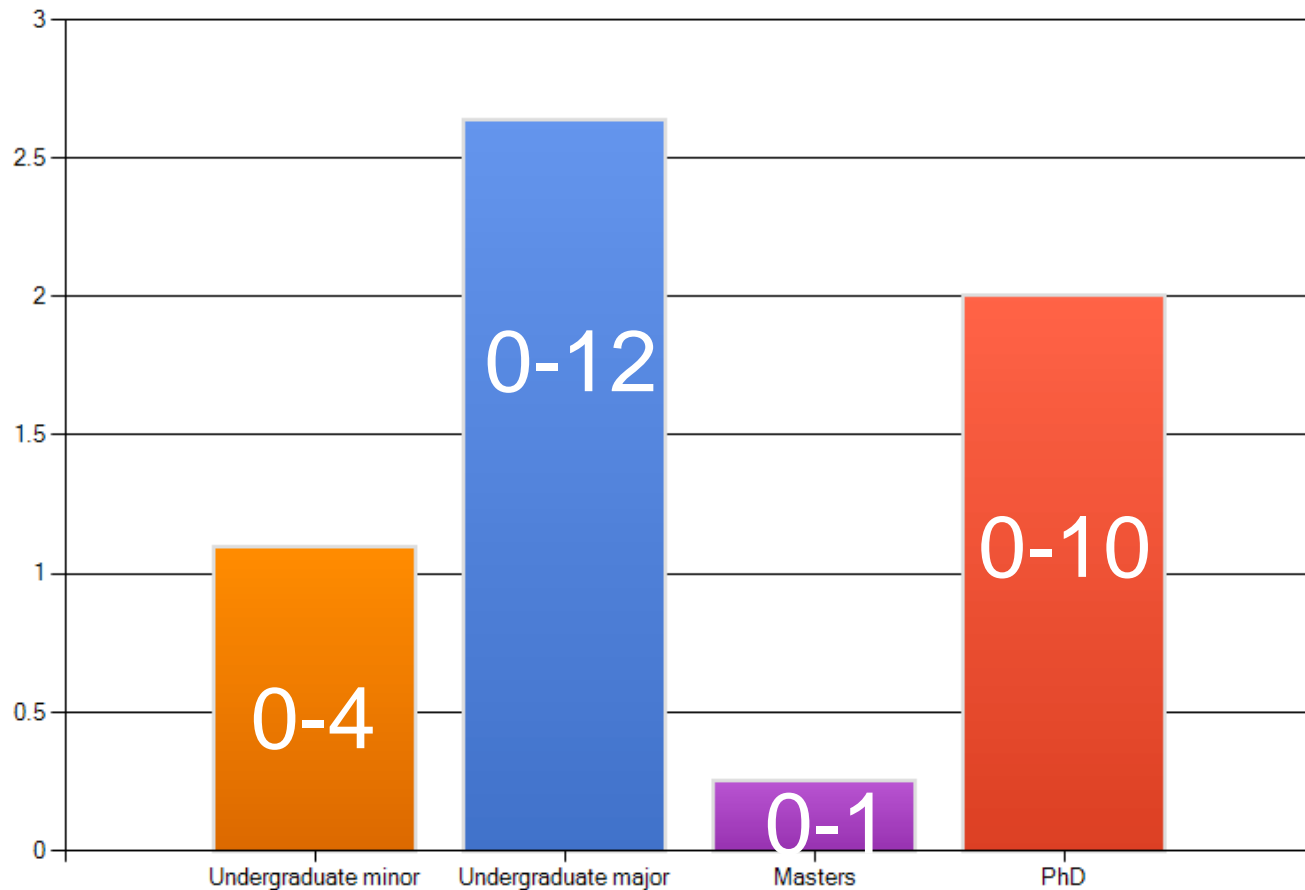


# Chairs: Lay of Land at Institution

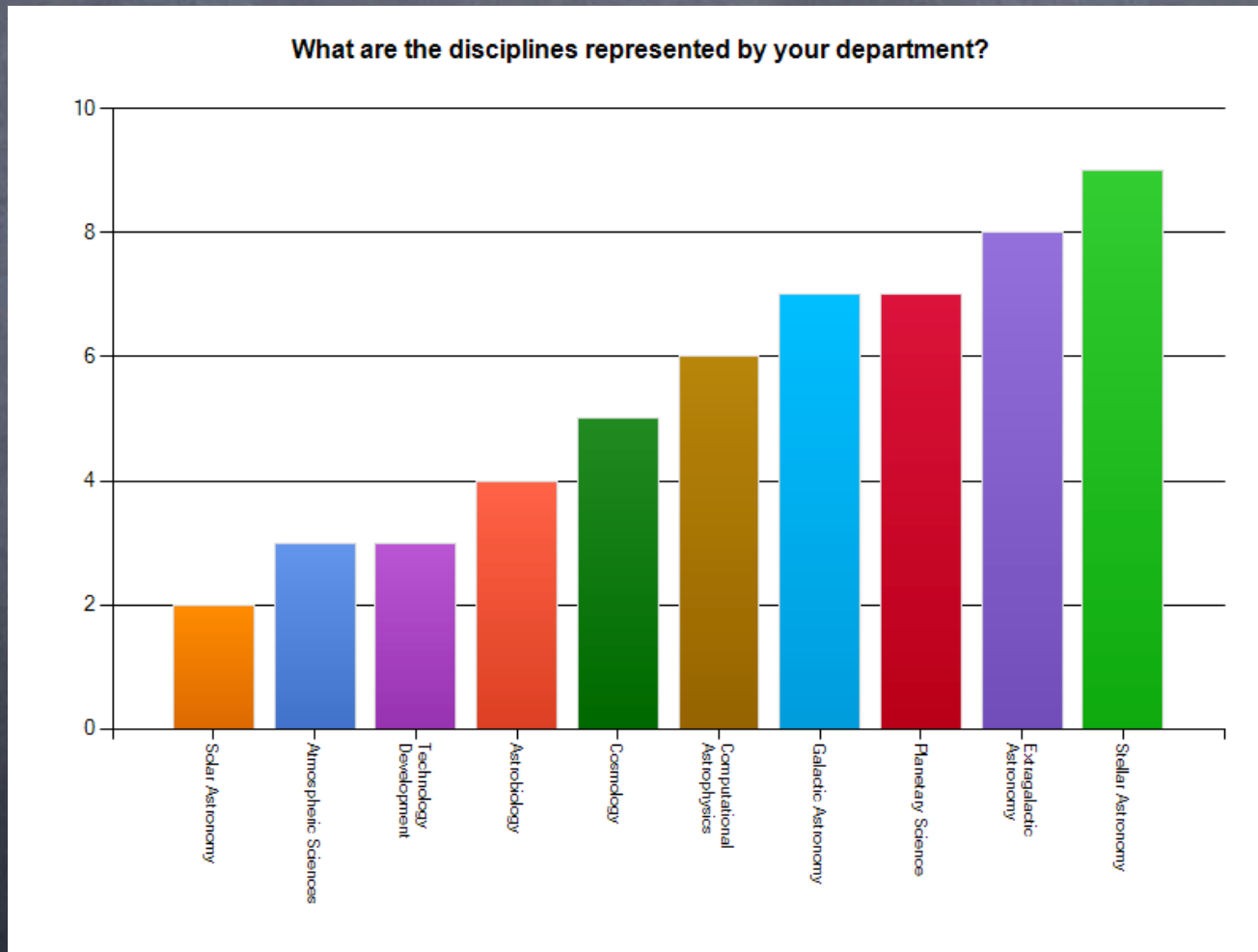


# Chairs - # graduates

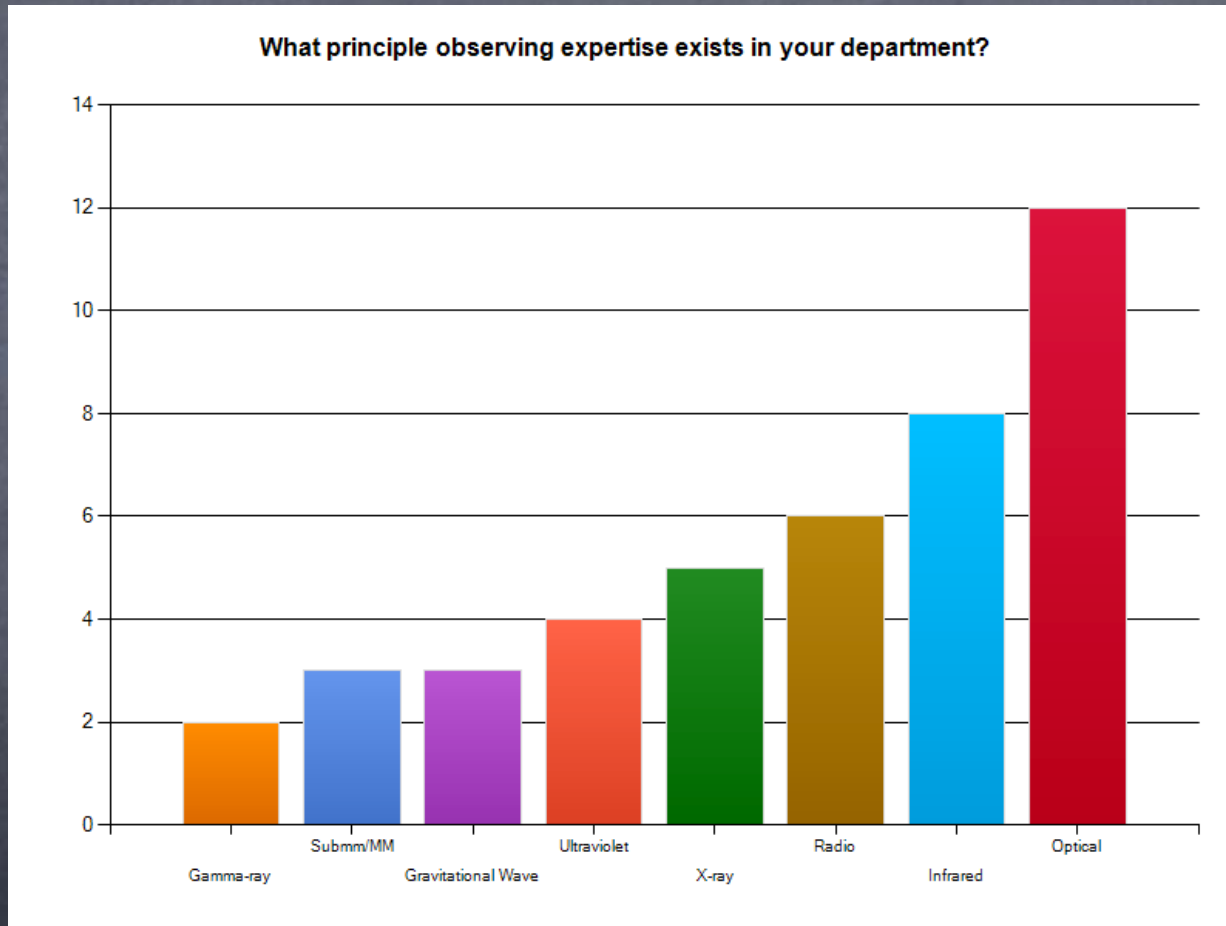
What are the average number of degrees granted per year in astronomy or astronomy-related disciplines only (e.g. telescope instrumentation, space physics) at each of the following levels:



# Chairs - Disciplinary Representation



# Chairs - Observing Expertise



# Next Steps

- Telescope Committee will issue a call for concept papers by May 1.
- 1 page executive summary letter of intent due June 1 (with specific high level required elements).
- Telescope Committee will use letters of intent to constitute an external (to NY State) review committee
- Full 10 page concept papers due August 1, 2010
- External Committee reviews finalized September 10.
- Telescope Committee reports out to Board no later than October 1.



# Concept Paper Call

- Call for 10 page Concept Papers for NY State Telescope, inclusive of a 1 page executive summary.
- Concept papers must address:
  - Science (~3 pages)
  - High level hardware design and Operational Concept (~3 pages)
  - Responsiveness of concept to the mission statement of the NY State Telescope, using the general results from the Survey as an additional guide (~2 pages)
  - Sellability; Appeal of concept to NY State, Potential partnerships and sponsors outside of the NY State Government, including NY State industry, etc. (~1 page).