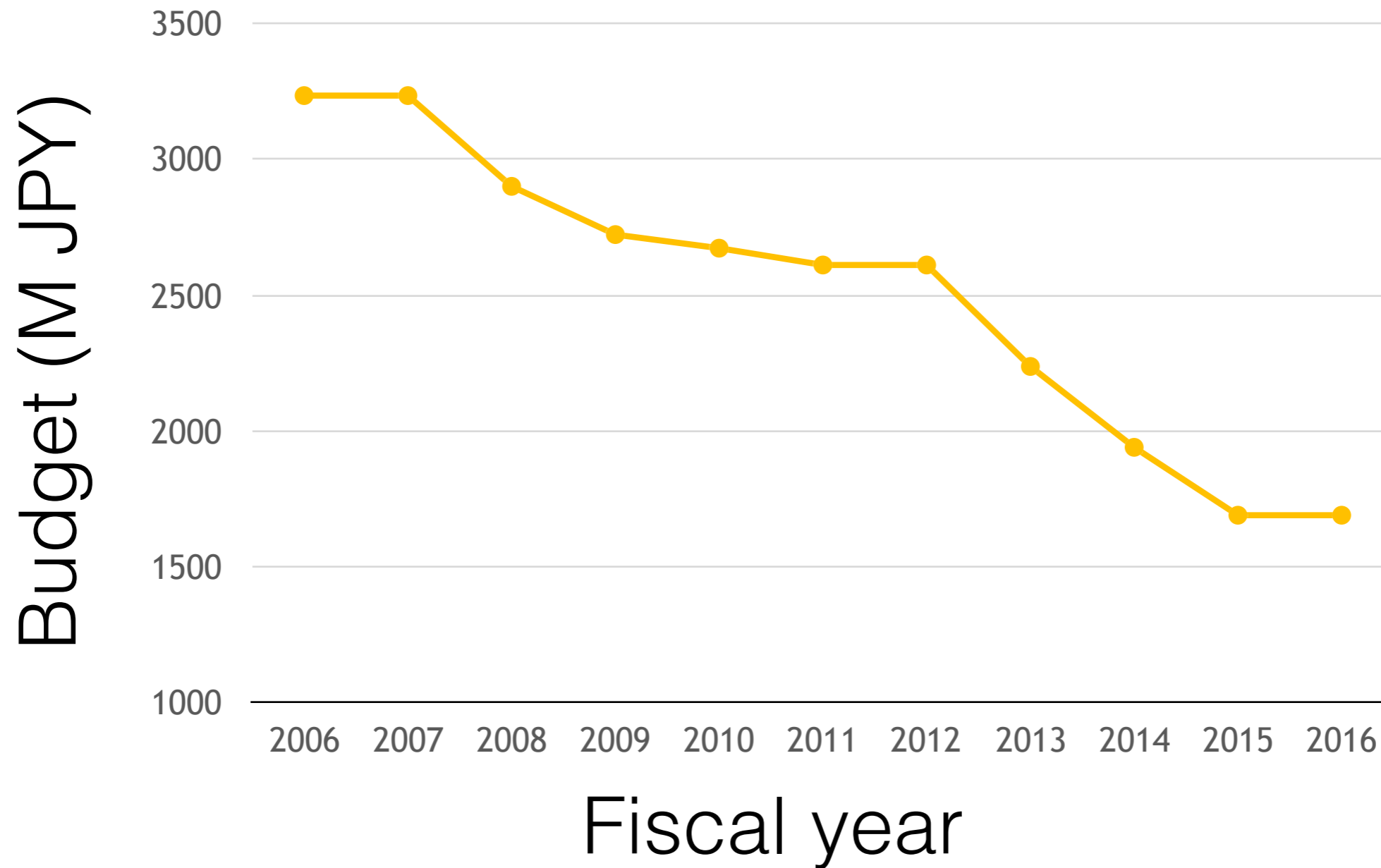


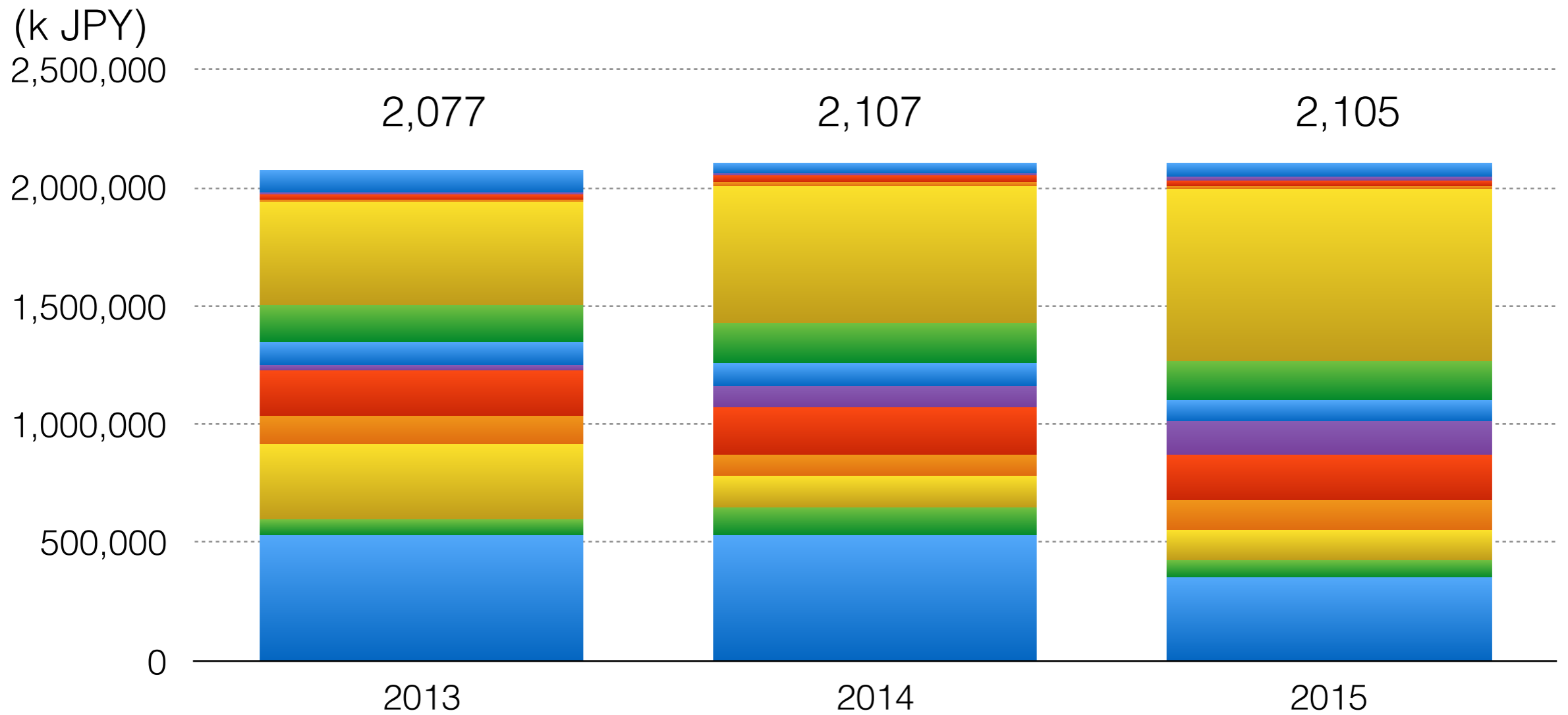
Budget

'Subaru Telescope Project' budget allocation over years



Budget allocated for Subaru Telescope project.
From 2014 there are additional inputs from NAOJ.

Budget 2013-2015



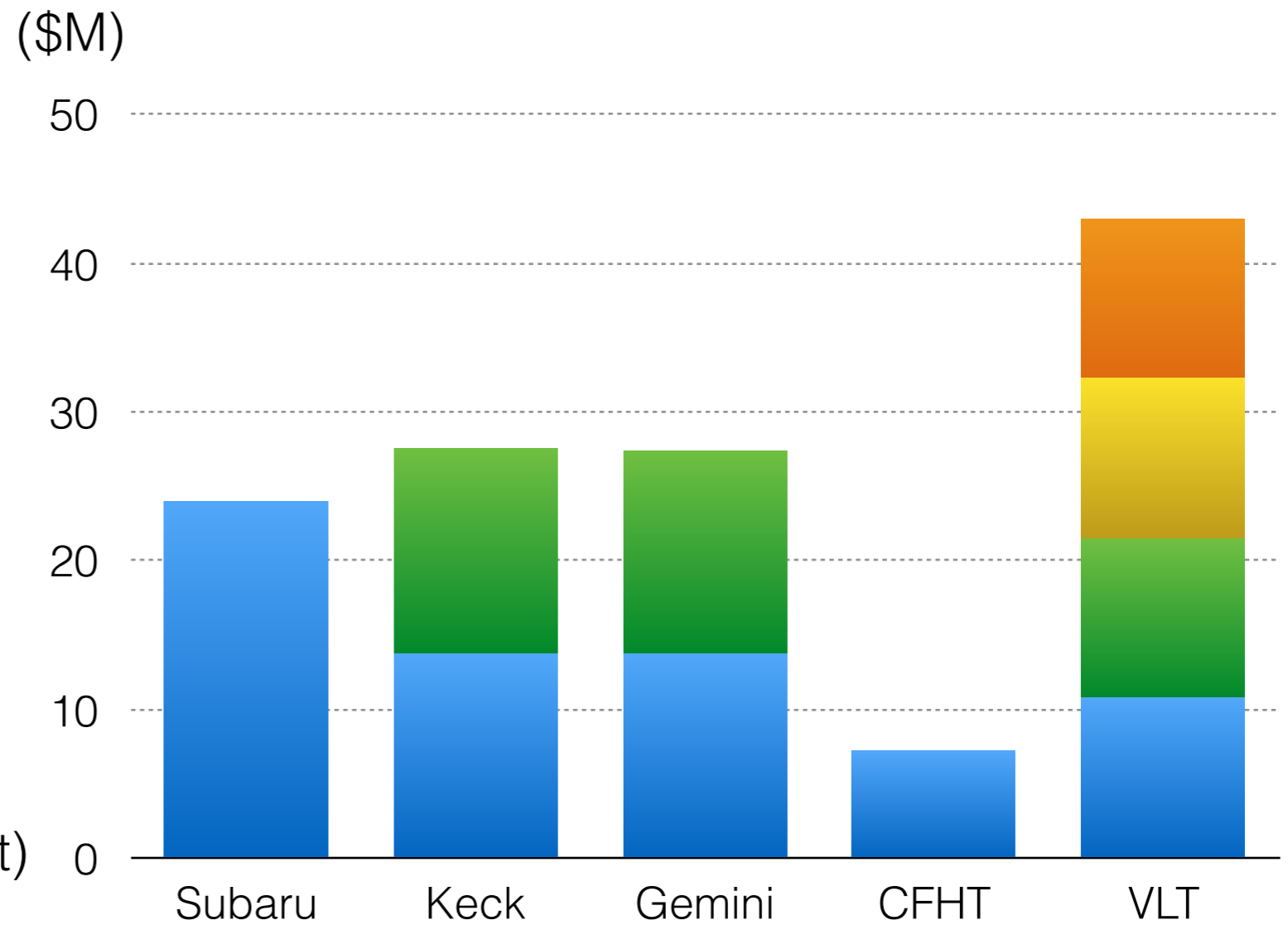
- Telescope maintenance and upgrade
- Operations
- Openuse
- PIO
- Others
- Facility maintenance and upgrade
- Computer, network and archive
- Electricity and water
- Research and education
- Instrument maintenance
- New development
- Human resources
- Travel

HR cost for NAOJ faculty members (~\$3M) is not included.

*In 2014 additional PFS cost is not included.

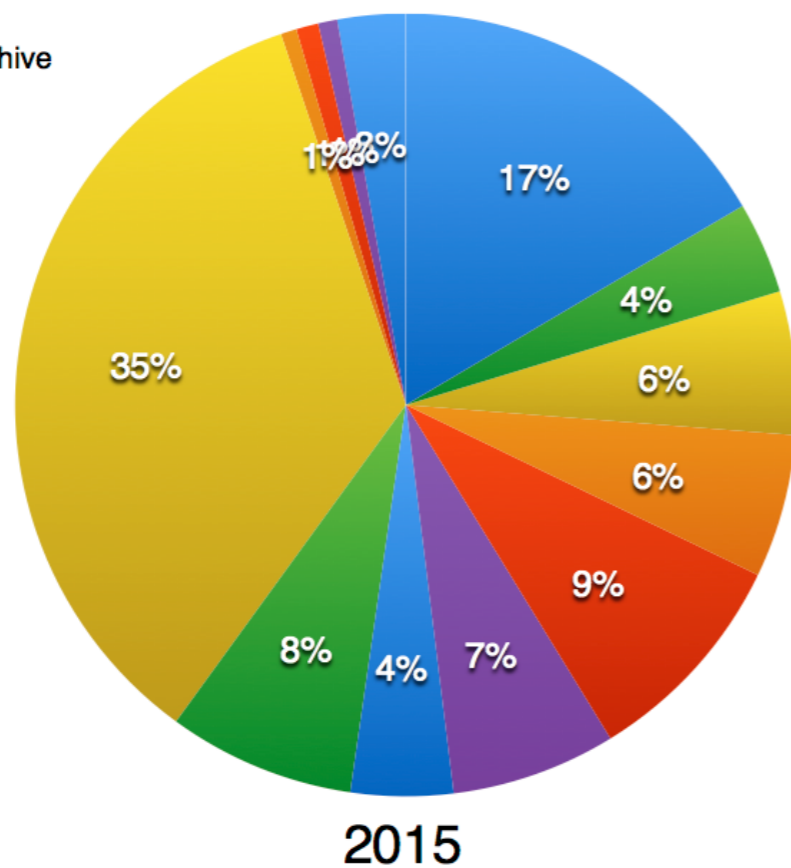
Annual Cost Comparison

- Subaru: FY2016
- Keck: FY2014
- Gemini: FY2016
- CFHT: FY2013
- VLT: FY2011 (estimate HR cost)

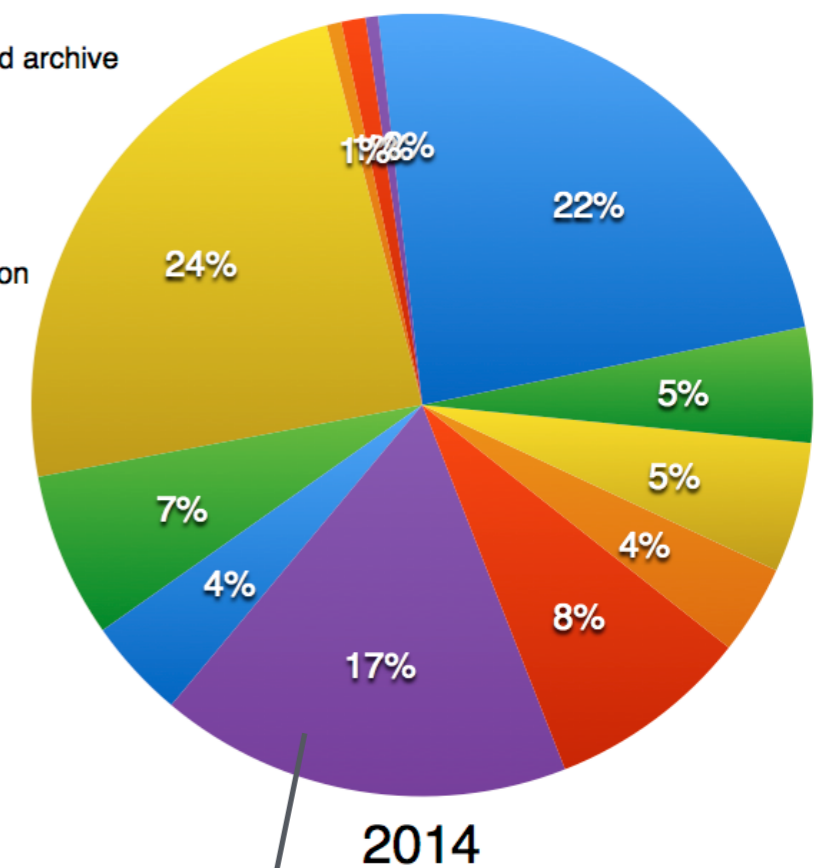


Budget Pi-chart (w/o NAOJ HR cost, JPY)

- Telescope maintenance and upgrade
- Facility maintenance and upgrade
- Instrument maintenance
- Operations
- Computer, network and archive
- New development
- Openuse
- Electricity and water
- Human resources
- PIO
- Research and education
- Travel
- Others



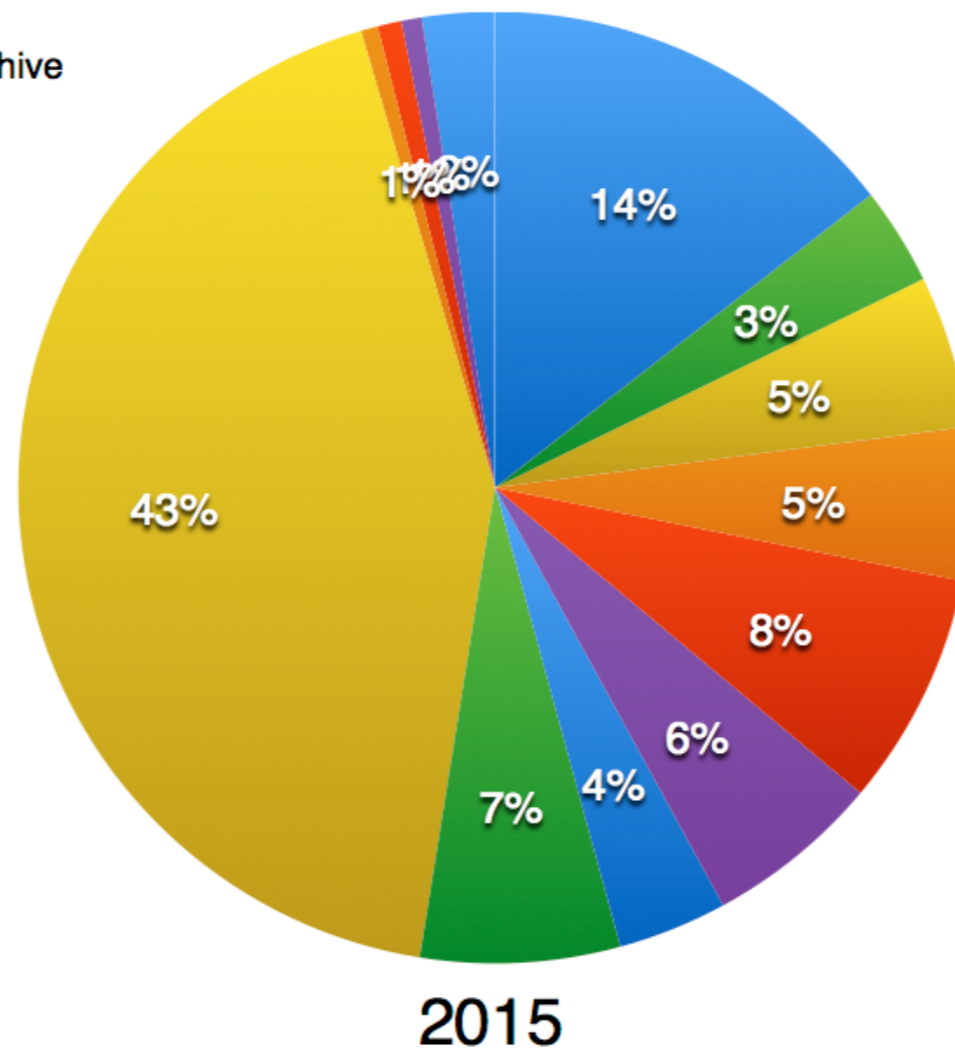
- Telescope maintenance and upgrade
- Facility maintenance and upgrade
- Instrument maintenance
- Operations
- Computer, network and archive
- New development
- Openuse
- Electricity and water
- Human resources
- PIO
- Research and education
- Travel
- Others



(investment for PFS)

Budget Pi-chart (w NAOJ HR cost, JPY)

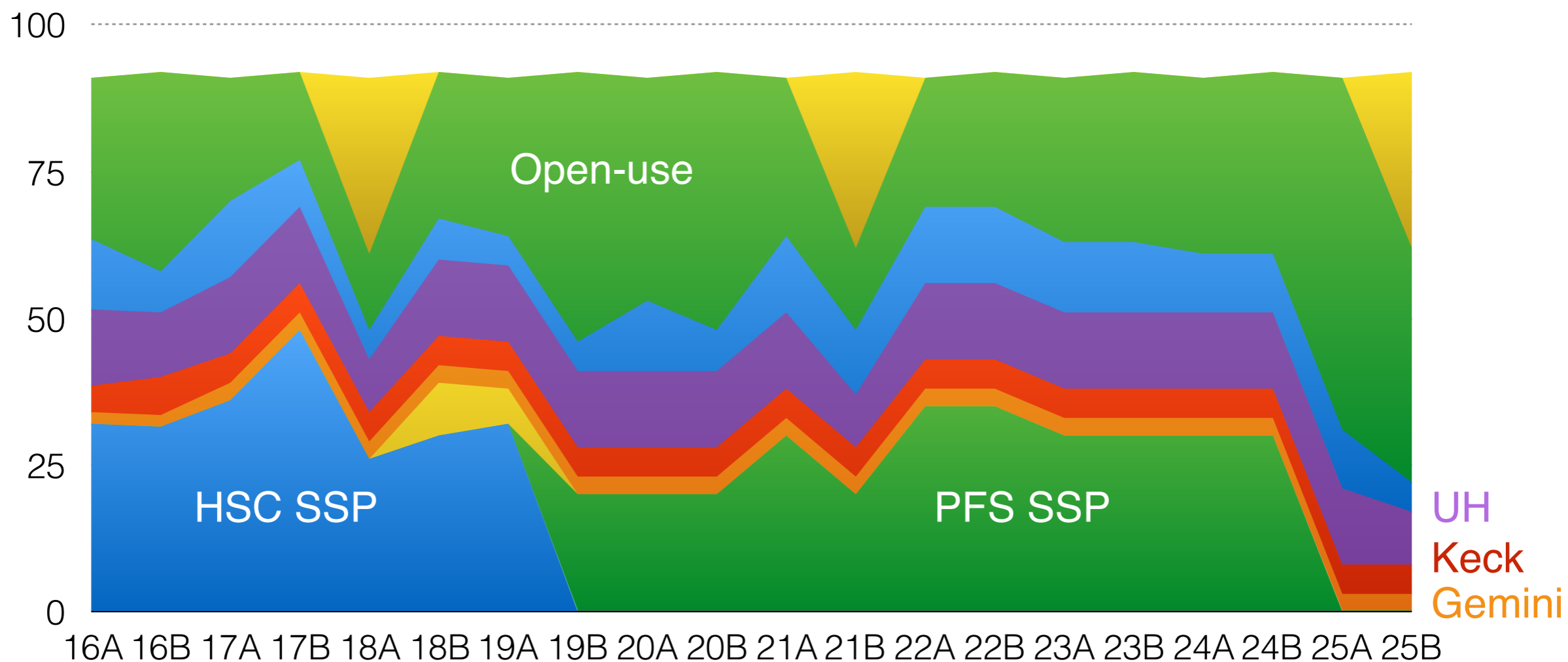
- Telescope maintenance and upgrade
- Facility maintenance and upgrade
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- Computer, network and archive
- New development
- Openuse
- Electricity and water
- Human resources
- PIO
- Research and education
- Travel
- Others



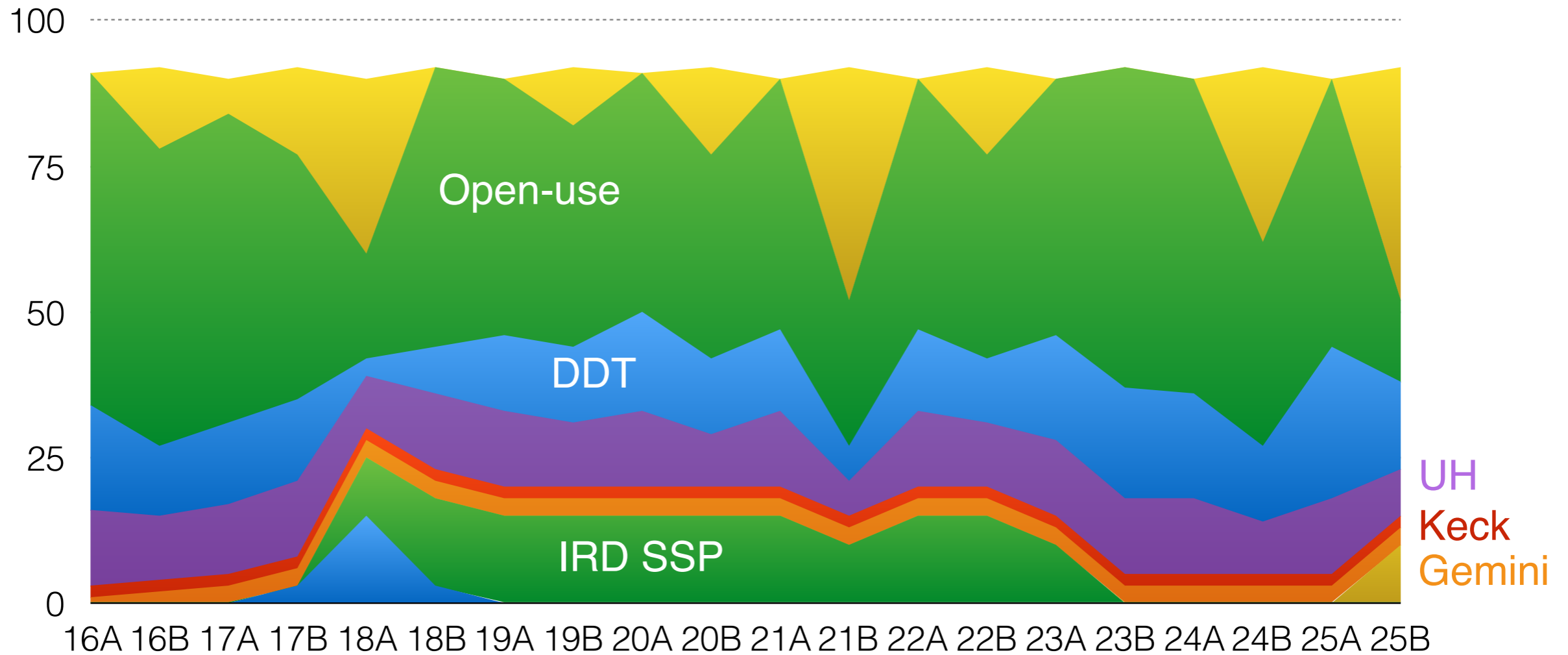
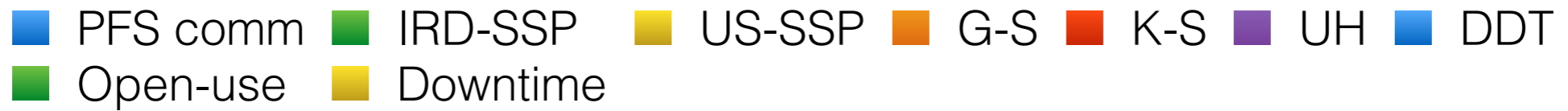
cf. typical HR cost fraction of other observatories is ~60%

Telescope Time

Dark Nights

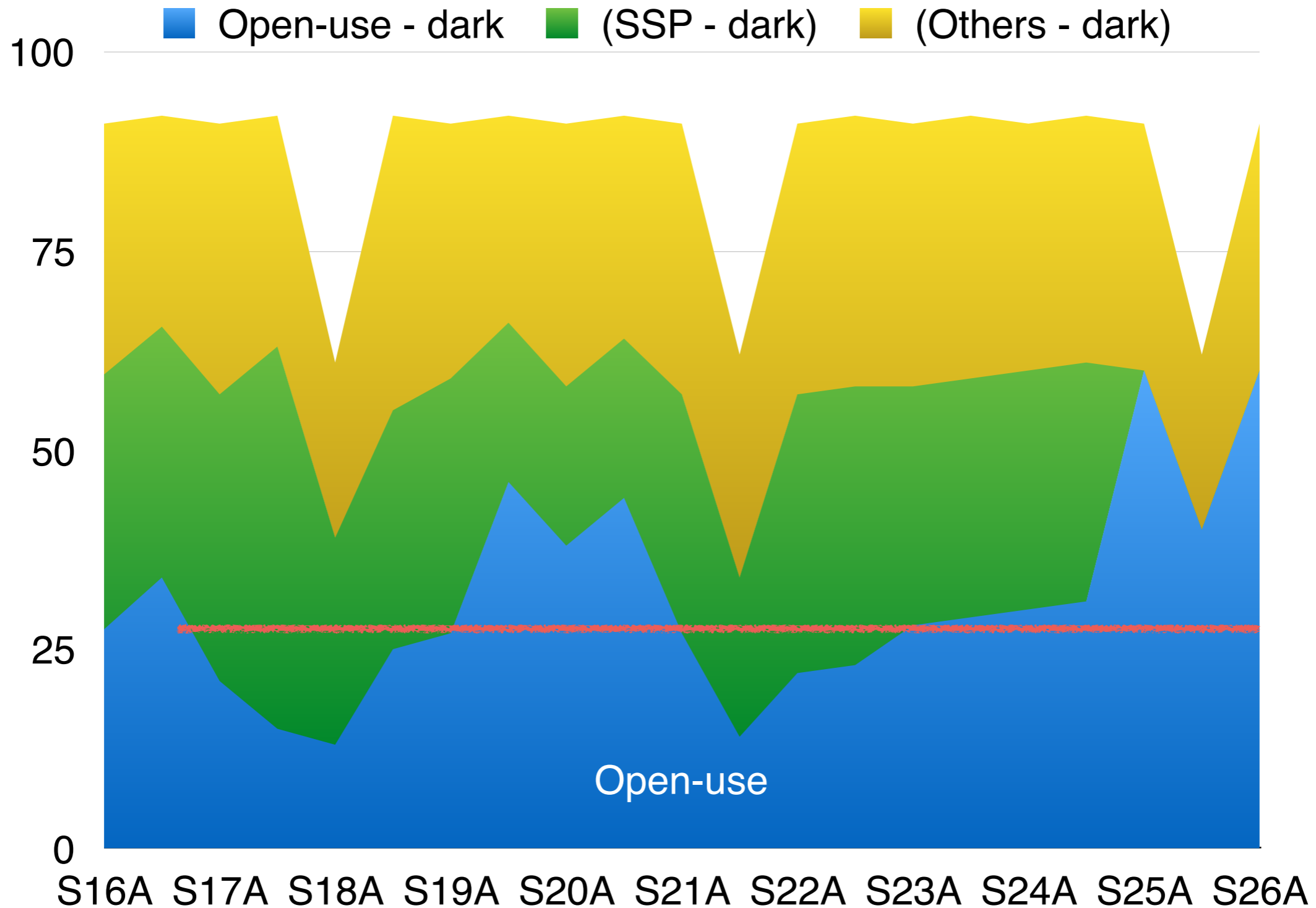


Bright Nights



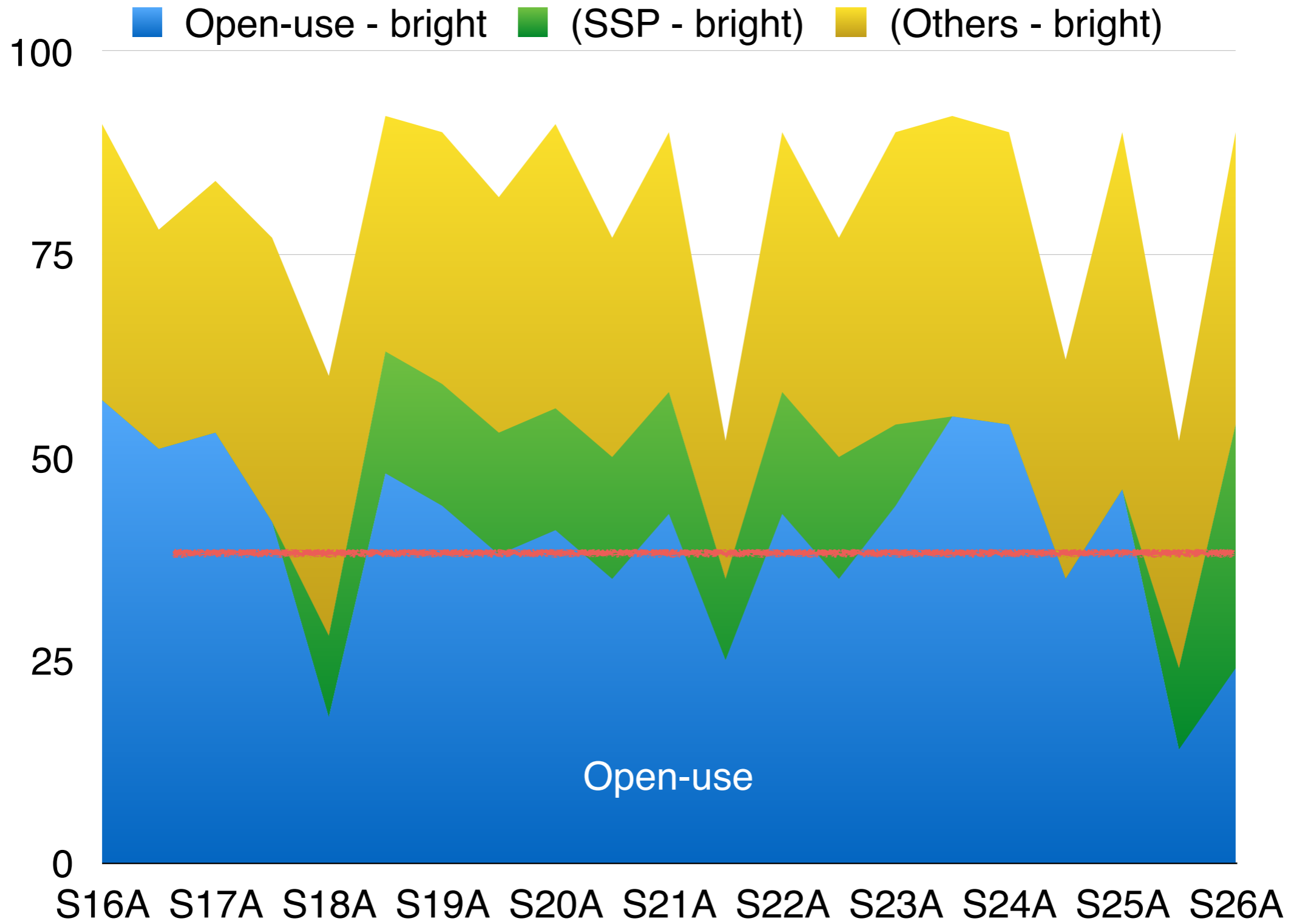
Dark

ave. 27 Open-use Nights / Semester



Bright

ave. 40 Open-use Nights / Semester



Regular program fraction

