

# ATNF National Facility Support



Photo: B. Norris

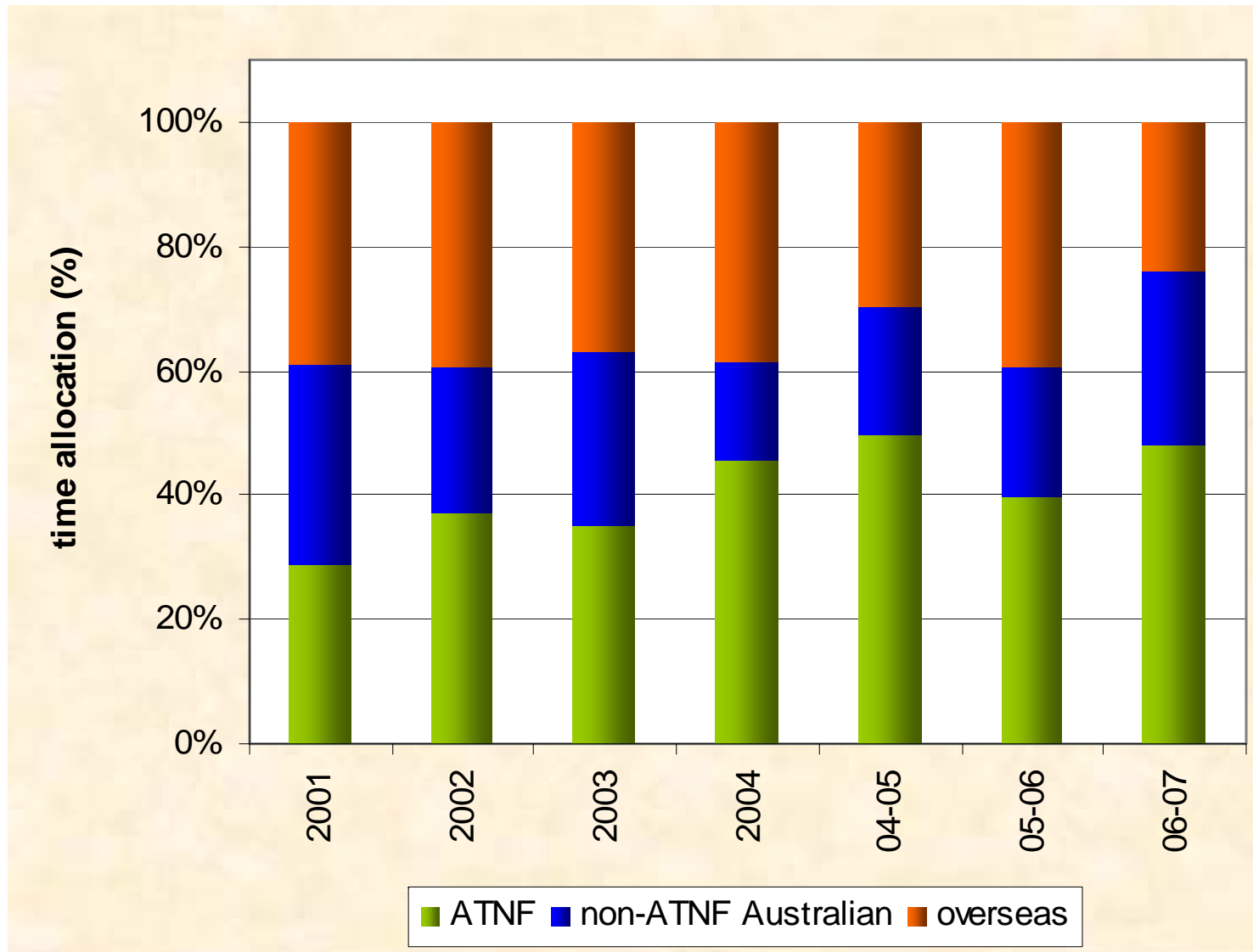
- Time assignment statistics, large proposals
- OPAL and ATOA
- Web security and plans
- Outreach & Education



## Compact Array time allocation, by PI

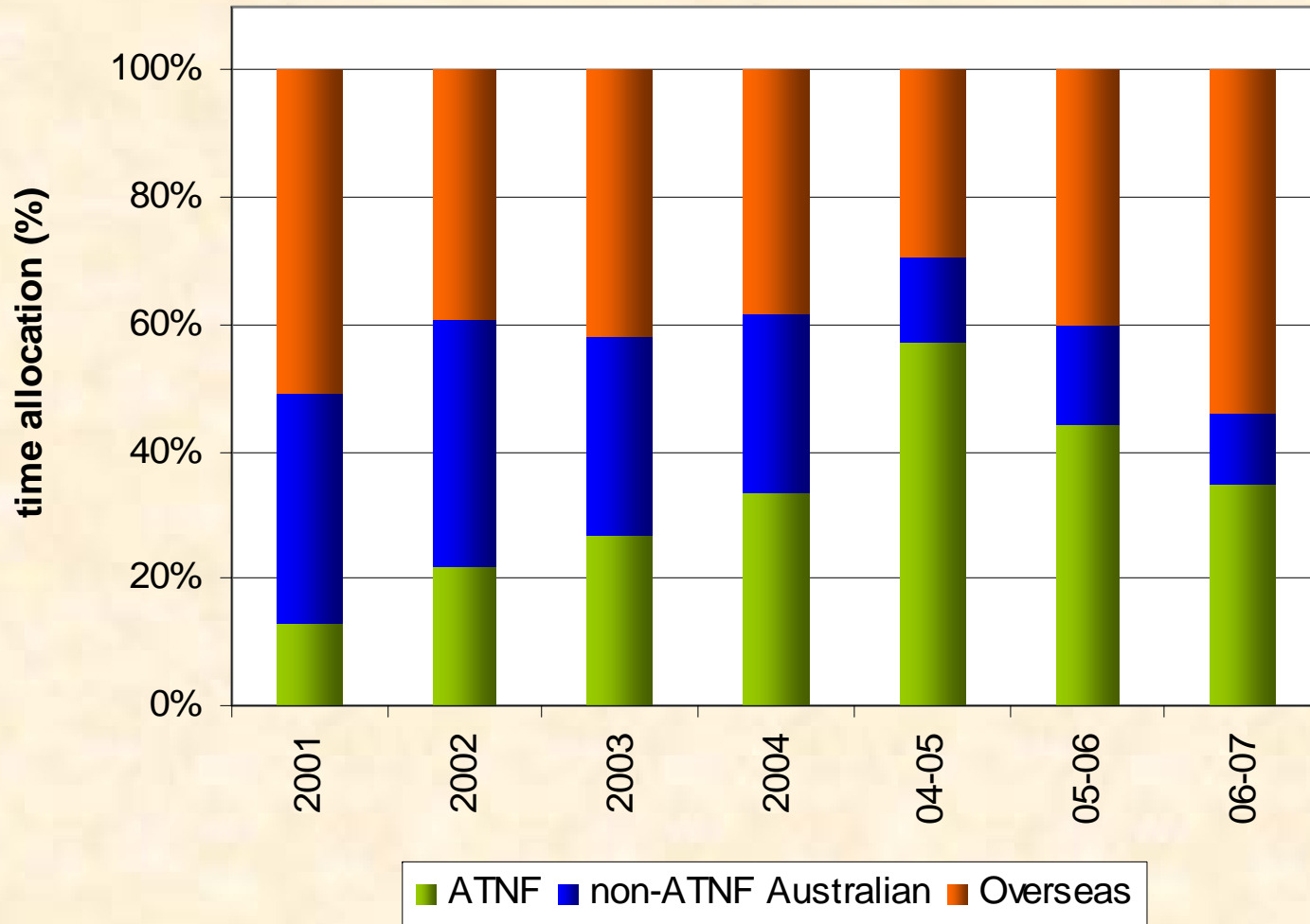
2004 = Jan 2004 to Sep 2004

04-05 = Oct 2004 to Sep 2005 etc



# Parkes time allocation, by PI

2004 = Jan 2004 to Sep 2004  
04-05 = Oct 2004 to Sep 2005 etc

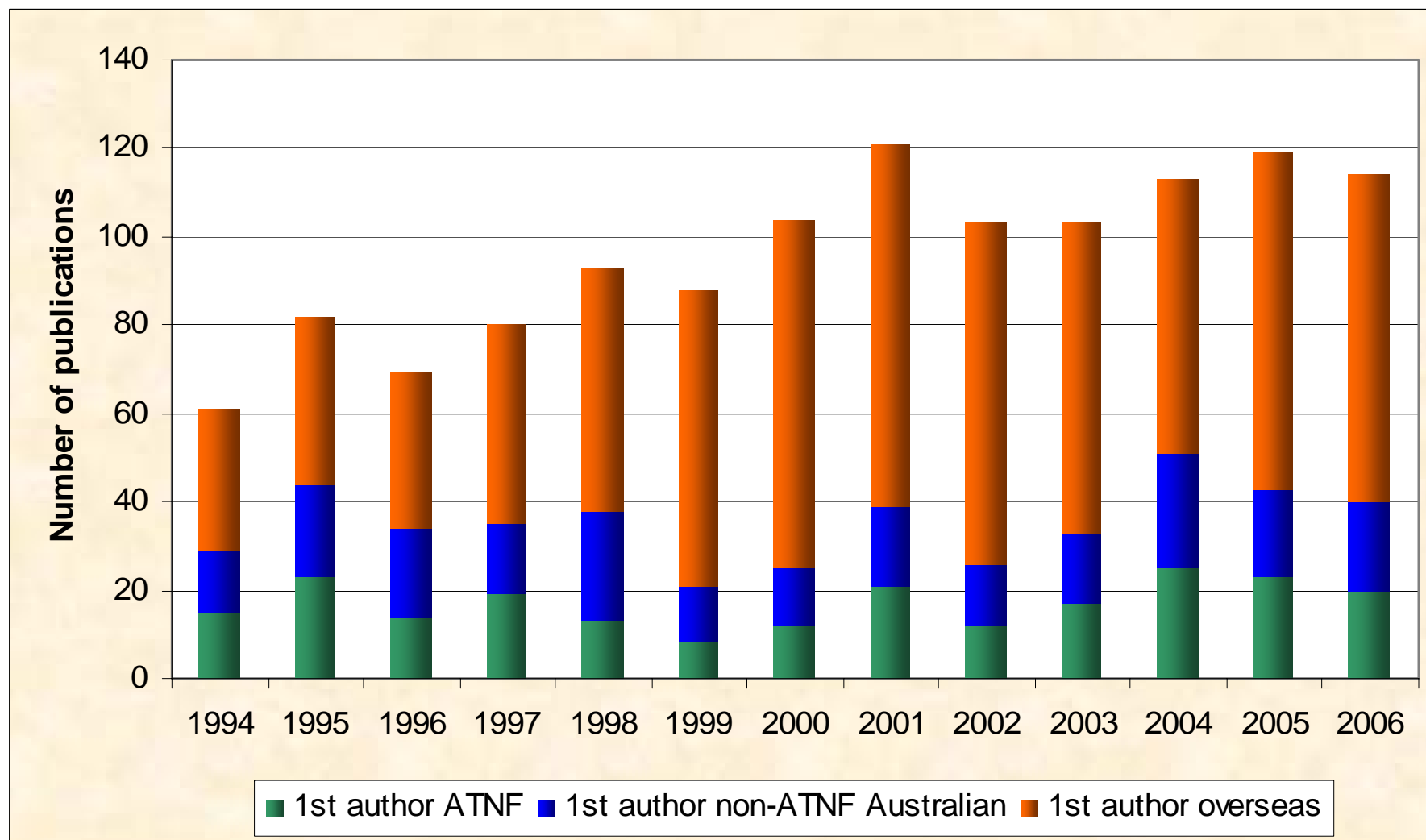


Note: Recall that

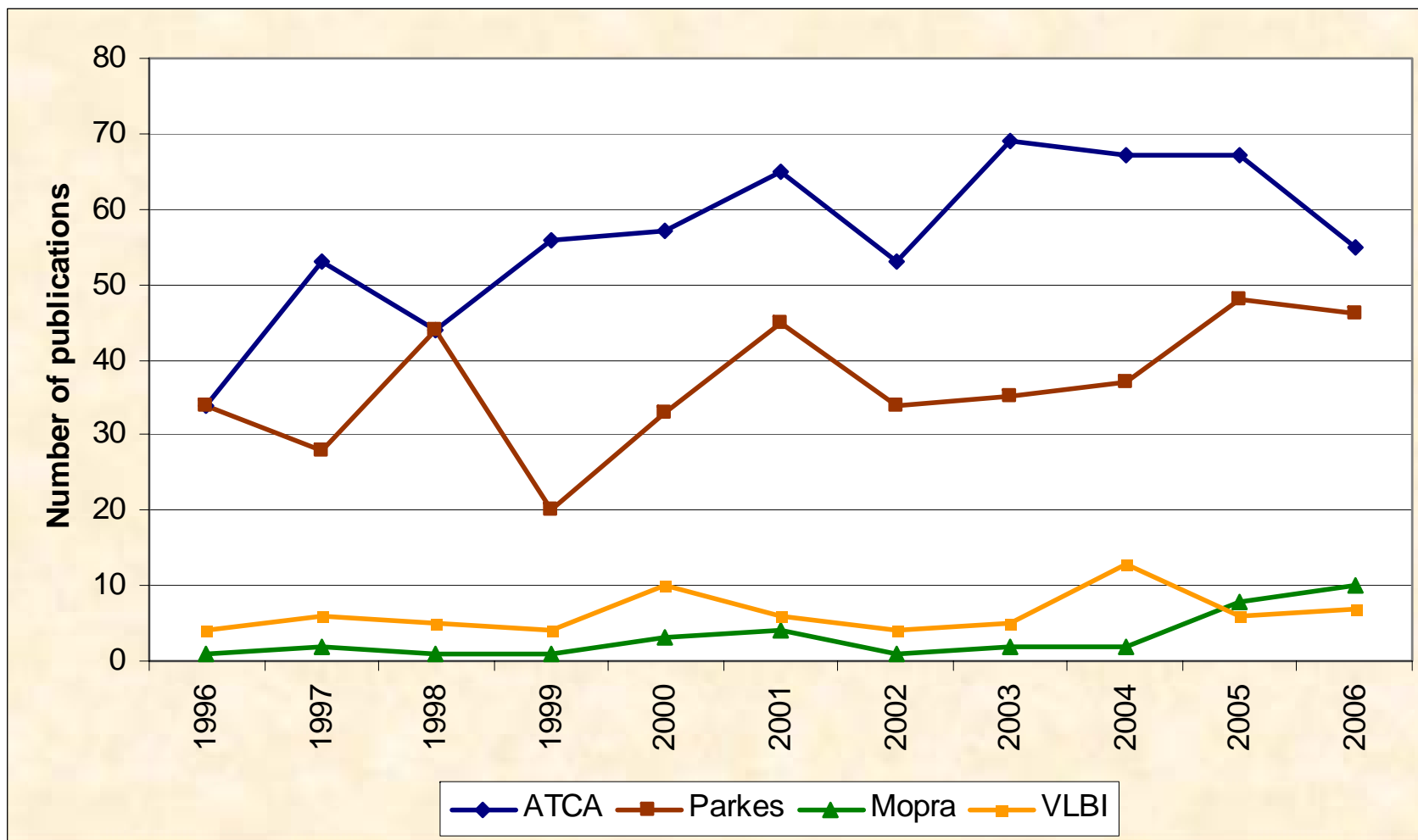
$$\frac{\text{Time allocated}}{\text{Time requested}}$$

is the same for ATNF and other Australia groups

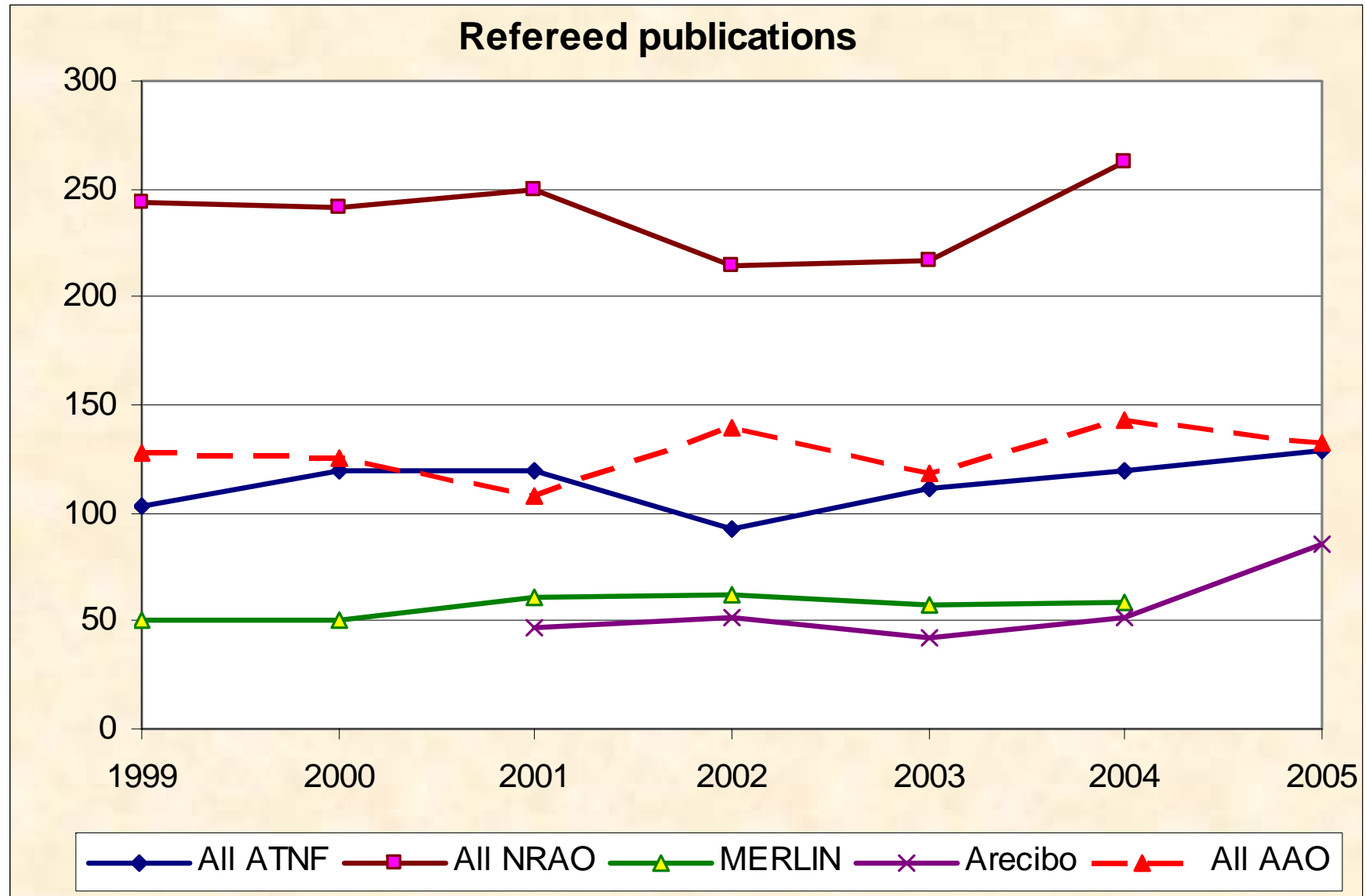
# Refereed publications (2006 are initial counts only)



## Publications by facility (2006: initial counts only)



# Publications: ATNF and others





## Large proposals: TAC change for 2007 OCTS

- Proposals requesting a TOTAL time > 400 hours
- Initial justification up to 5 pages, then progress reports
- Include timeline plans, data release plans, and a recommended public outreach plan.
- Continuing status likely if successful

see

[www.atnf.csiro.au/observers/apply/large\\_projects.html](http://www.atnf.csiro.au/observers/apply/large_projects.html)



# OPAL 2.1 – V2.1

## Release on 4 May 2007

- Registration easier to use and more robust
- Easier to find, add and edit co-authors on the cover sheets
- New ‘search proposals’ tool:  
provides cover sheets and observations tables for all successful proposals in OPAL (from 2006APRS).





## OPAL upgrades - cont

- Proposal submission is more flexible  
any member of a team may now submit/update  
or withdraw a proposal
- New tools for OPAL/TAC administrators and  
telescope schedulers
- We still plan to improve ease-of-use for  
observations tables and source lists



# ATOA

In 2006 there were

- ❖ 2700 unique searches of ATOA (55 / week)
- ❖ 4118 files downloaded

ATOA upgrades in progress:

- ❖ 'Integrate' OPAL with ATOA
- ❖ Provide access to 'own data' through OPAL password
- ❖ Provide a new summary listing

## **A question for ATUC**

The ATOA is still only used for ATCA. Is it also **needed** for Mopra, LBA, Tid &/or Parkes? If so – in what order of priority?



# ATNF Web Security

## Security breach - Christmas 2006

- spam emails sent through web server
- uploading of a malicious script allowed considerable access

## ATNF Response

- All unix passwords were changed
- Extensive security review
- Site monitoring software and tools now in place

## New guidelines for ATNF web writers

- index files or full links required
- webmaster checks forms and scripts
- sending of automated emails generally disabled

[www.atnf.csiro.au/internal/computing/web/docs/web\\_rules.html](http://www.atnf.csiro.au/internal/computing/web/docs/web_rules.html)



# ATNF NFS Web Developments

NFS group now provides support for MIRA and SKA pages  
-- see new MIRA pages

Review and updating of websites will begin ~ September 2007.

Some aims:

- Improve look/feel and consistency between sites
- Prune unused and out-of-date content
- Improve provision of people-related information
- Improve document organisation for 'key' documents
- Provide an image management system
- Redesign internal site

ATNF staff and wider community will be consulted for specification.



## *Wildflowers in the sky*

Collaboration between :

- ATNF (Rob Hollow and assistants)
- 5 partner schools in remote regions of WA
- Charles Sturt University
- Office of Science & Innovation & Scitech  
(WA)

Project ends in July 2007 – but further activities in WA are planned.



## *Wildflowers in the sky*

- Two separate weeks visiting schools
- Daytime sessions with students
- Popular viewing nights, include locals
- Teachers professional development
- Extensive website (on ATNF Outreach site) with materials for teachers



Cue primary school: March 2007



Pia Wadjarri Remote Community School: March 2007





## Program strengths

- Built relationships with local communities and indigeneous groups.
- Program is valued by WA Government.
- Academic initiatives – CSU research project and research papers in progress. Provides ‘substance’.
- Provide expertise and support to teaching of astronomy in the region.
- Outreach indirectly supports MIRA and the SKA.

**IAU Symposium 242**  
**Astrophysical masers and their environments**  
**Alice Springs: March 12-16 2007**



**The students**

**Photo: Shaun Amy**



**The 'pioneers'**

**Photo: Shaun Amy**



**The Todd: 17 March 2007**

**Photo: Peter Hajotoffi**



# ATCA time allocation 2001-2005

## ■ ATNF PIs:

83% of submitted proposals allocated time

Total time allocated/total time requested = 0.75

Total time allocated/time requested for accepted proposals = 0.83

Total time requested = 16,781 hours

## ■ Other Australian PIs:

77% of submitted proposals allocated time

Total time allocated/total time requested = 0.65

Total time allocated/time requested for accepted proposals = 0.82

Total time requested = 11,746 hours



## Parkes time allocation 2001-2005

- ATNF PIs:

94% of submitted proposals accepted

Total time allocated/total time requested = 0.75

Total time requested = 12,396 hours

- Other Australian PIs:

90% of submitted proposals accepted

Total time allocated/total time requested = 0.85

Total time requested = 10,575 hours