

# „German Bioluminescence“

SURVEY 2011

# SUMMARY

The questionnaire was sent to 65 email addresses, corresponding to 54 different microscopy sites.

We received 38 responses, with 4 drop-outs. 34 questionnaires were evaluated >> 63% coverage.

Microscopy sites in Germany split into three main categories: imaging facilities (18), research groups performing imaging related science (imaging groups, 11), and imaging groups which also run an imaging facility (imaging group with facility, 4).

Most imaging groups share the equipment on informal basis (9), most facilities do fee for service (16). With one exception, imaging groups with facility do not charge fees.

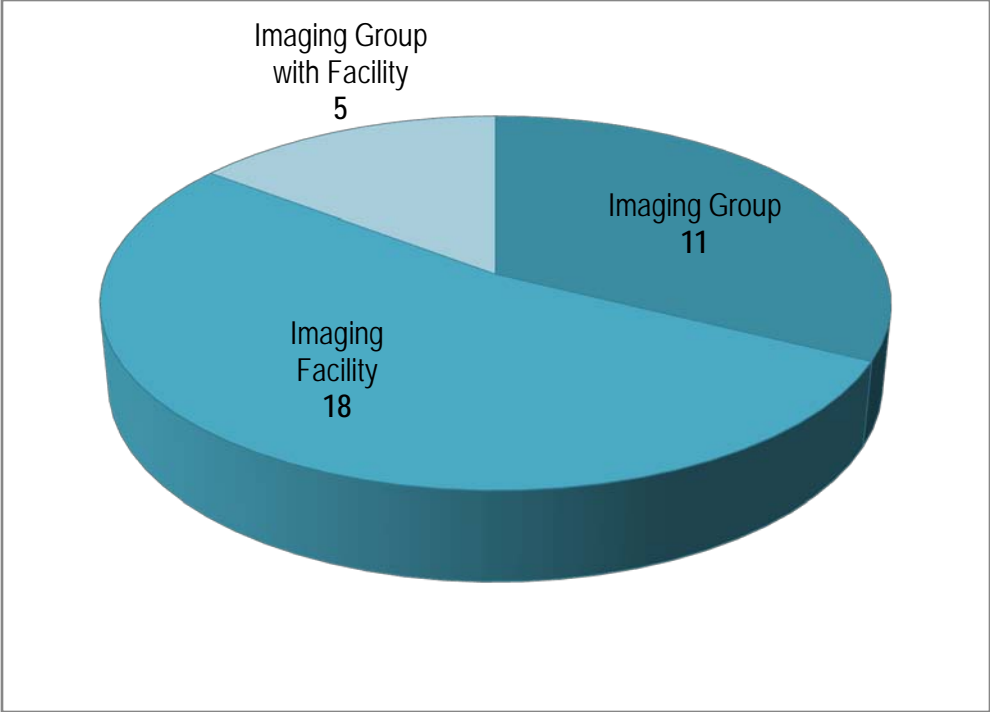
Out of 8 facility staff members responding to the questionnaire, only two are tenured (EMBL, MPI).

In general, equipment is accessible to external users, although with some restrictions (scientific collaborations; priority to internal users, particularly at research institutes, such as MPI, Helmholtz etc.)

There is a trend towards small scale imaging sites (up to 50 users per year).

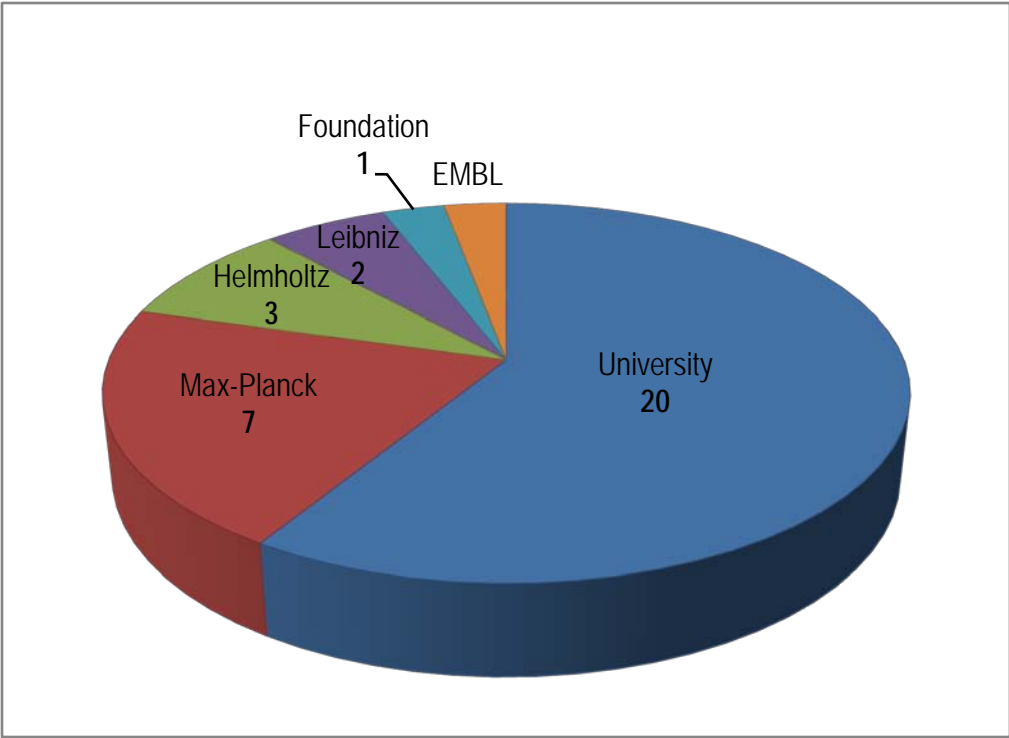
On average, one PhD or one qualified technician is devoted to the imaging equipment. 9 sites out of 34 have both or more. One person is responsible for 3-5 imaging systems.

# Type of Imaging Unit



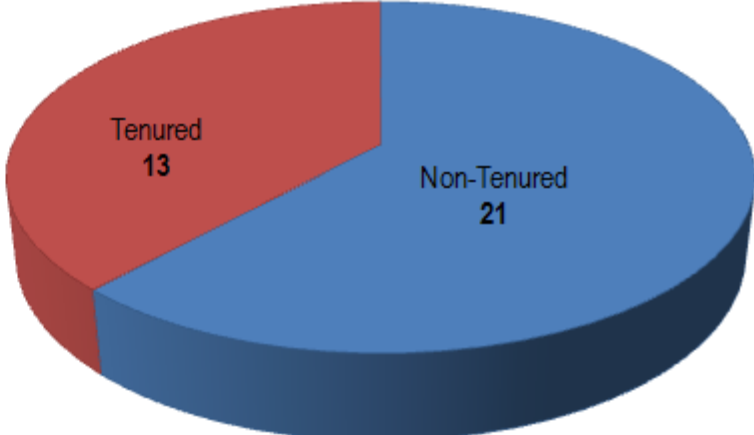
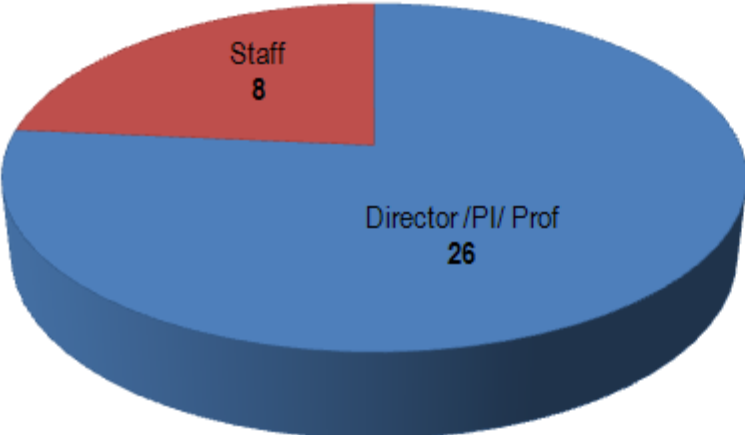
n = 34

# Type of Institution



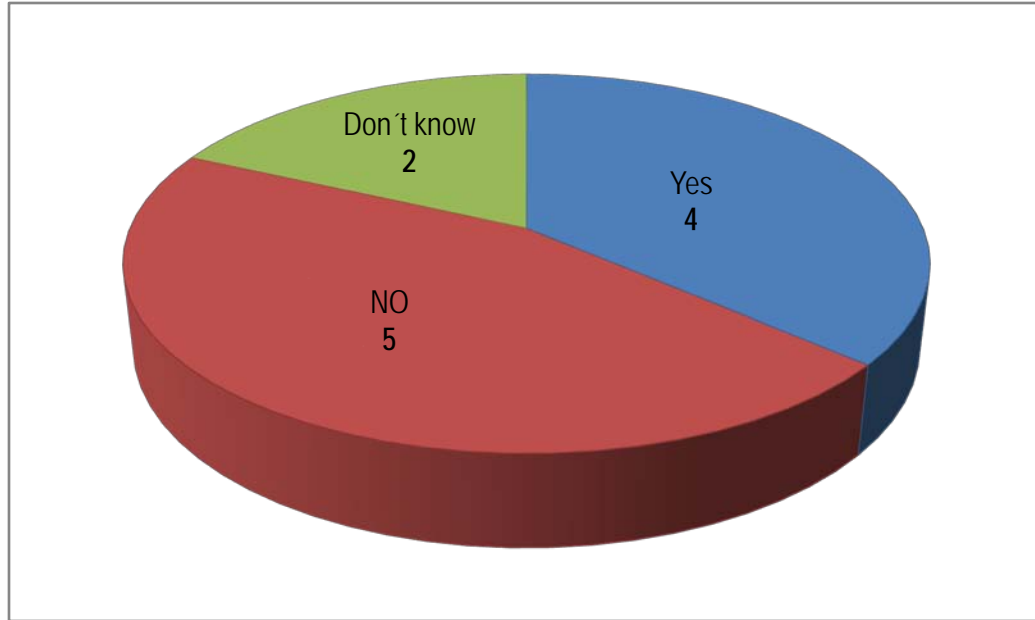
n = 34

# Position of Respondent



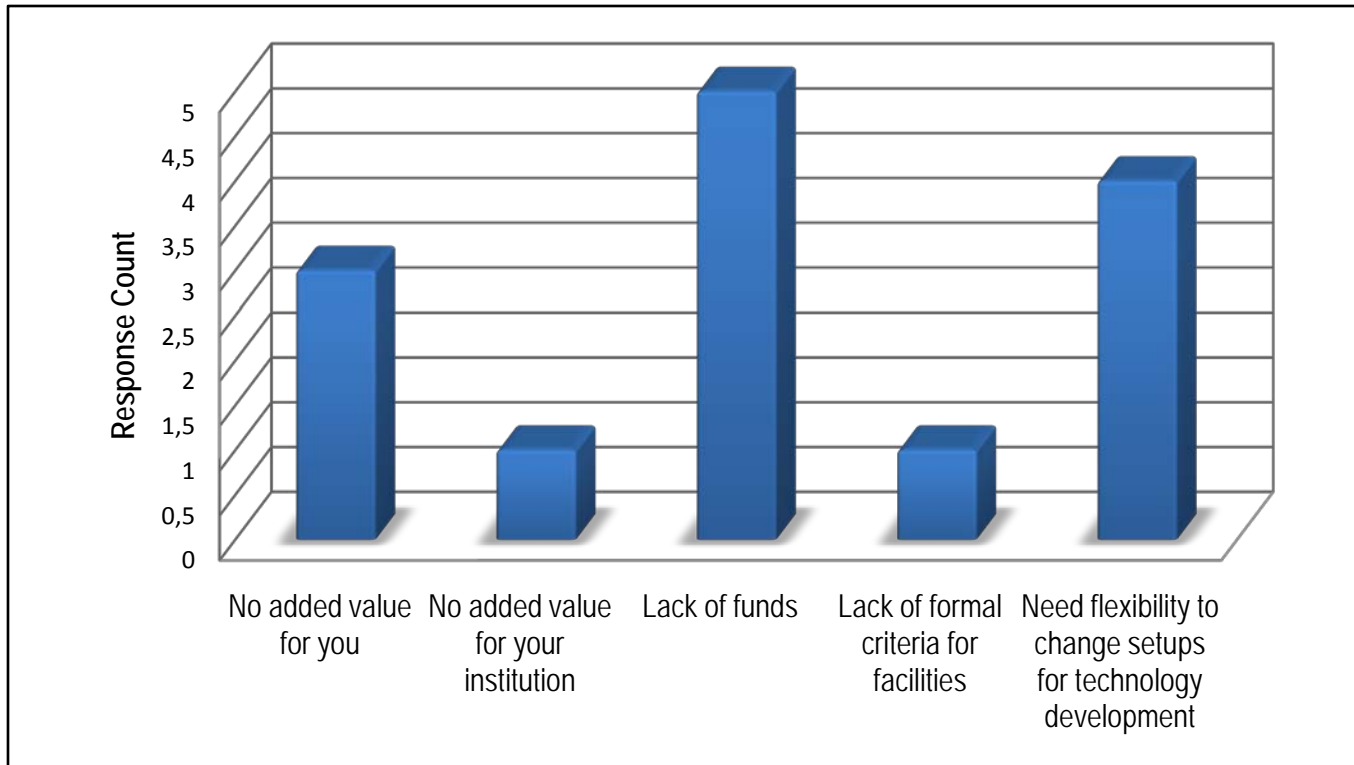
n = 34

Do you plan to create a facility?



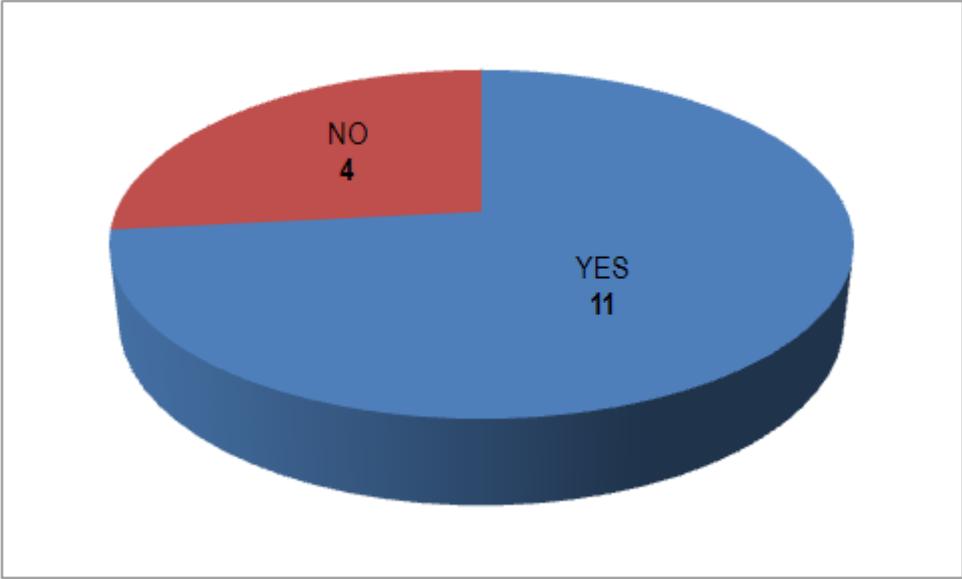
n = 11 (imaging groups)

Main obstacles for creating an imaging facility are:



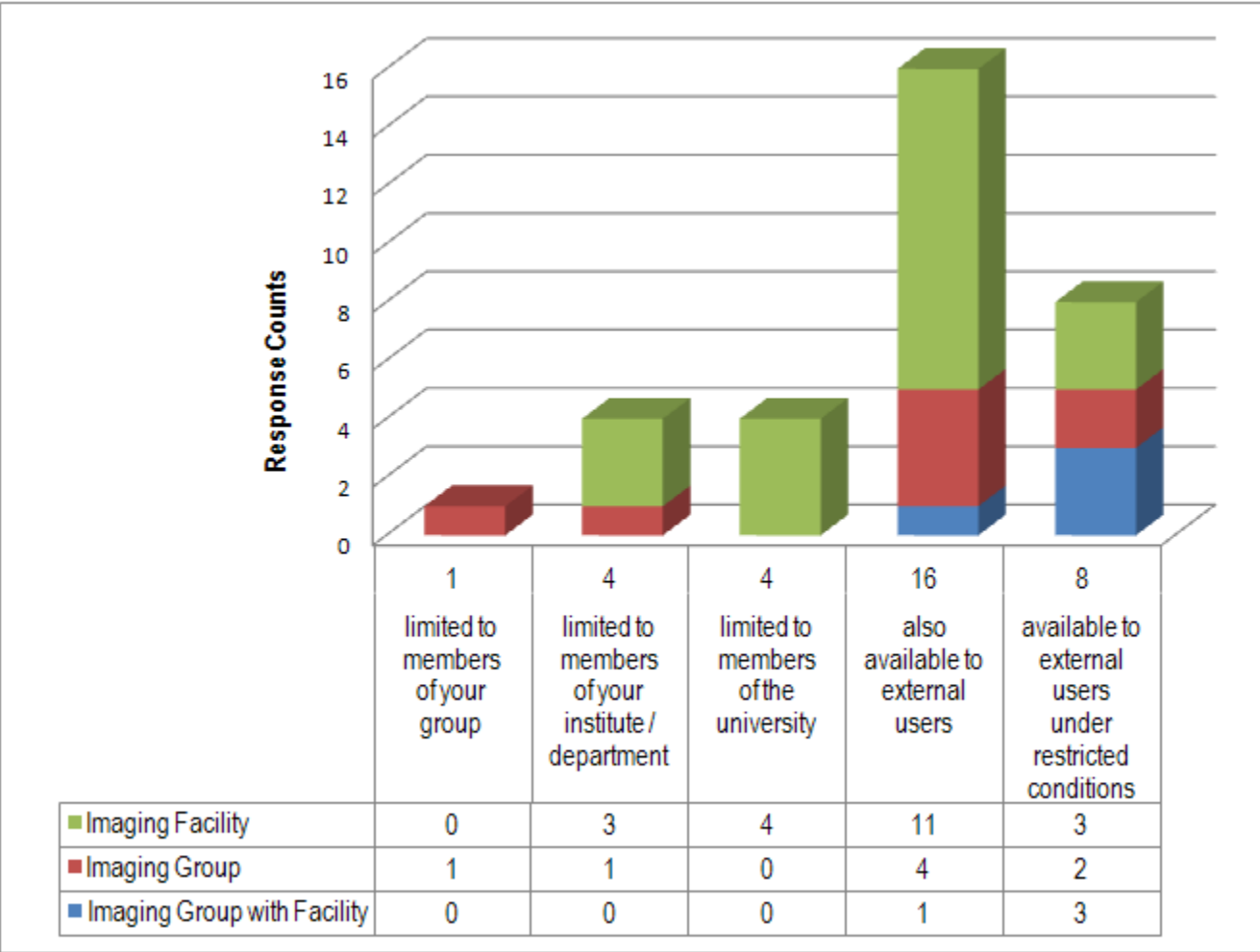
n = 11 (imaging groups)

Do you teach microscopy / image analysis (instrument user trainings excluded) ?

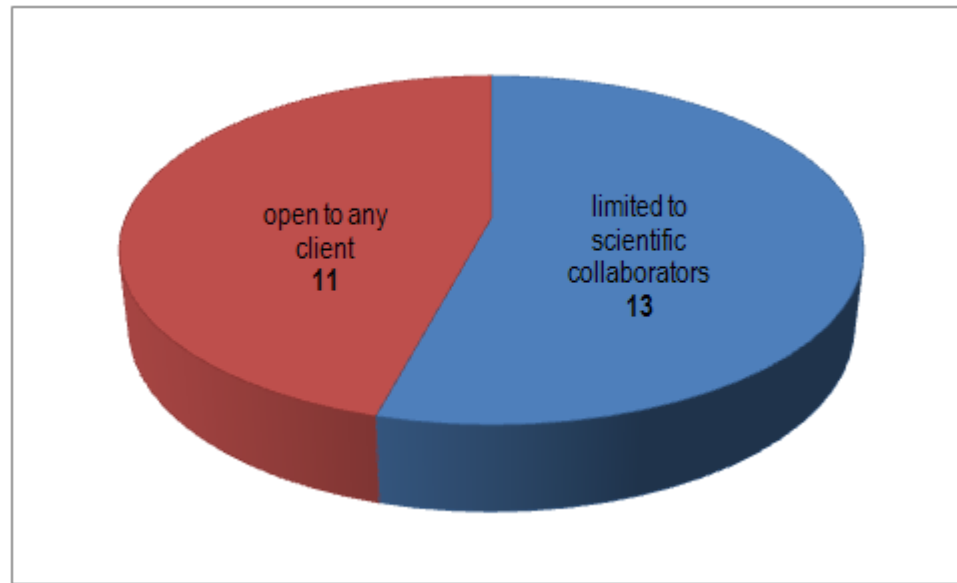


n = 15

# ACCESS to imaging equipment is



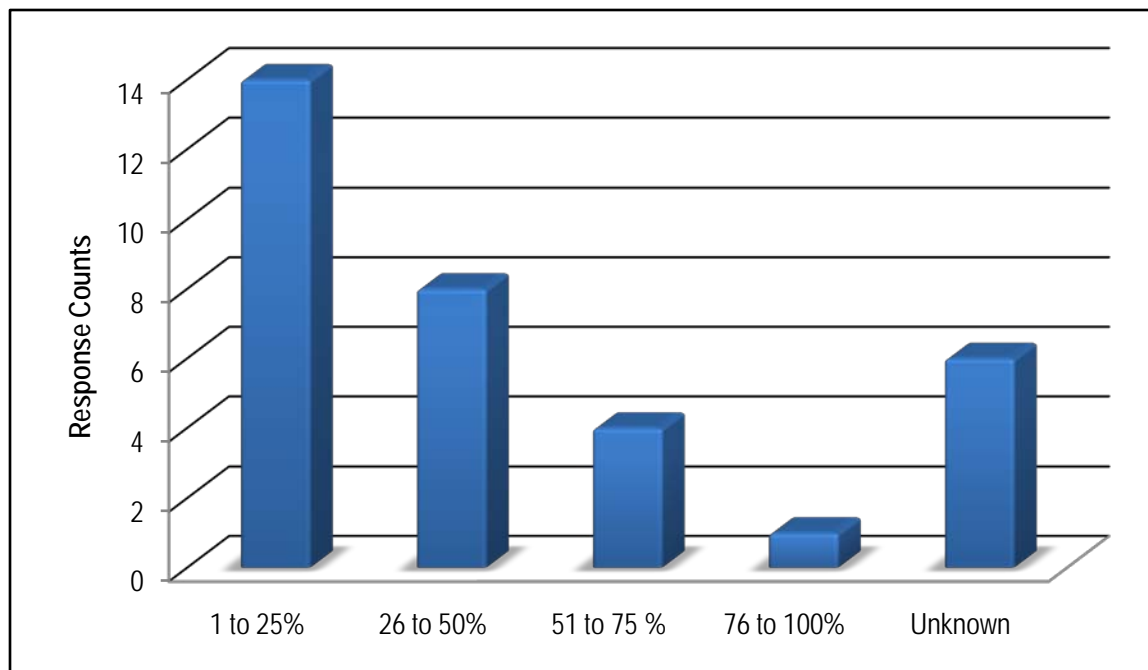
ACCESS to external users is:



n = 24

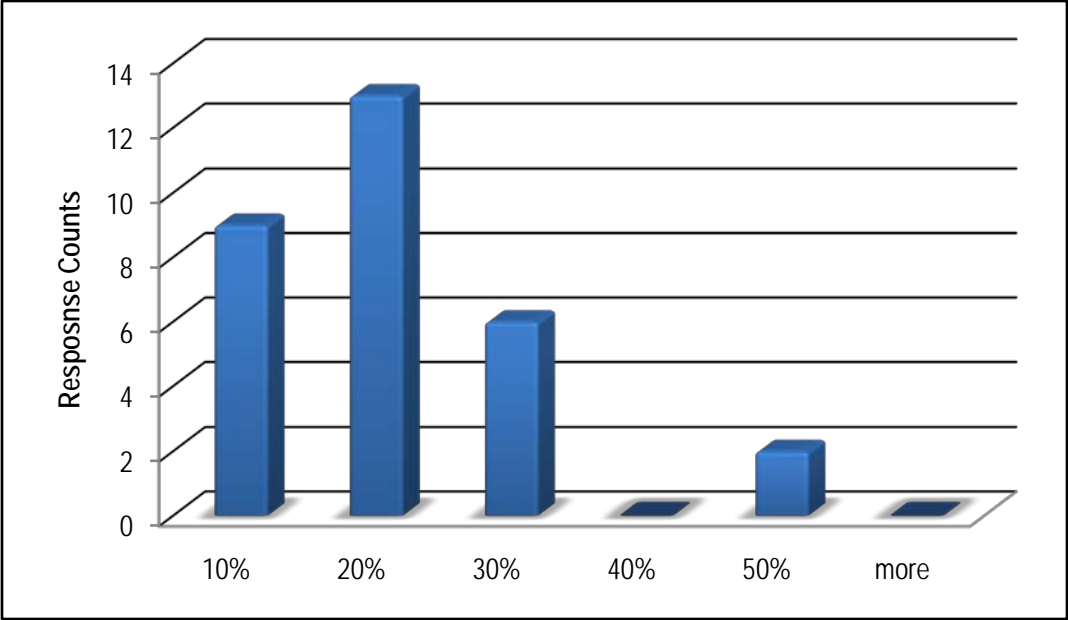
90% of respondents give unrestricted access to qualified users (n=33)

What percentage of the scientific staff at your institution uses your imaging facility annually ?



n = 33

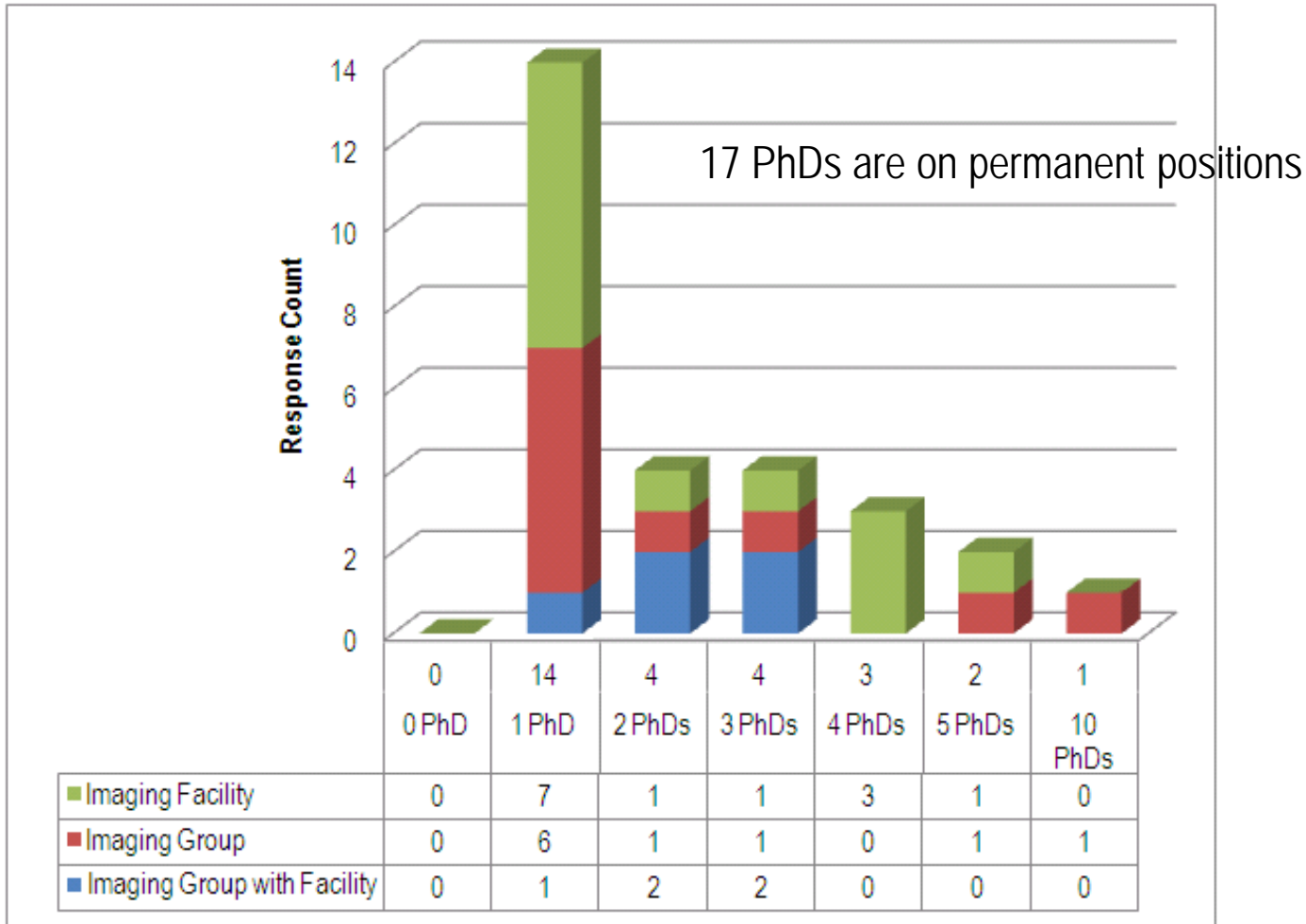
What percentage of your facilities capacity would be realistic to offer to external users?



n = 30

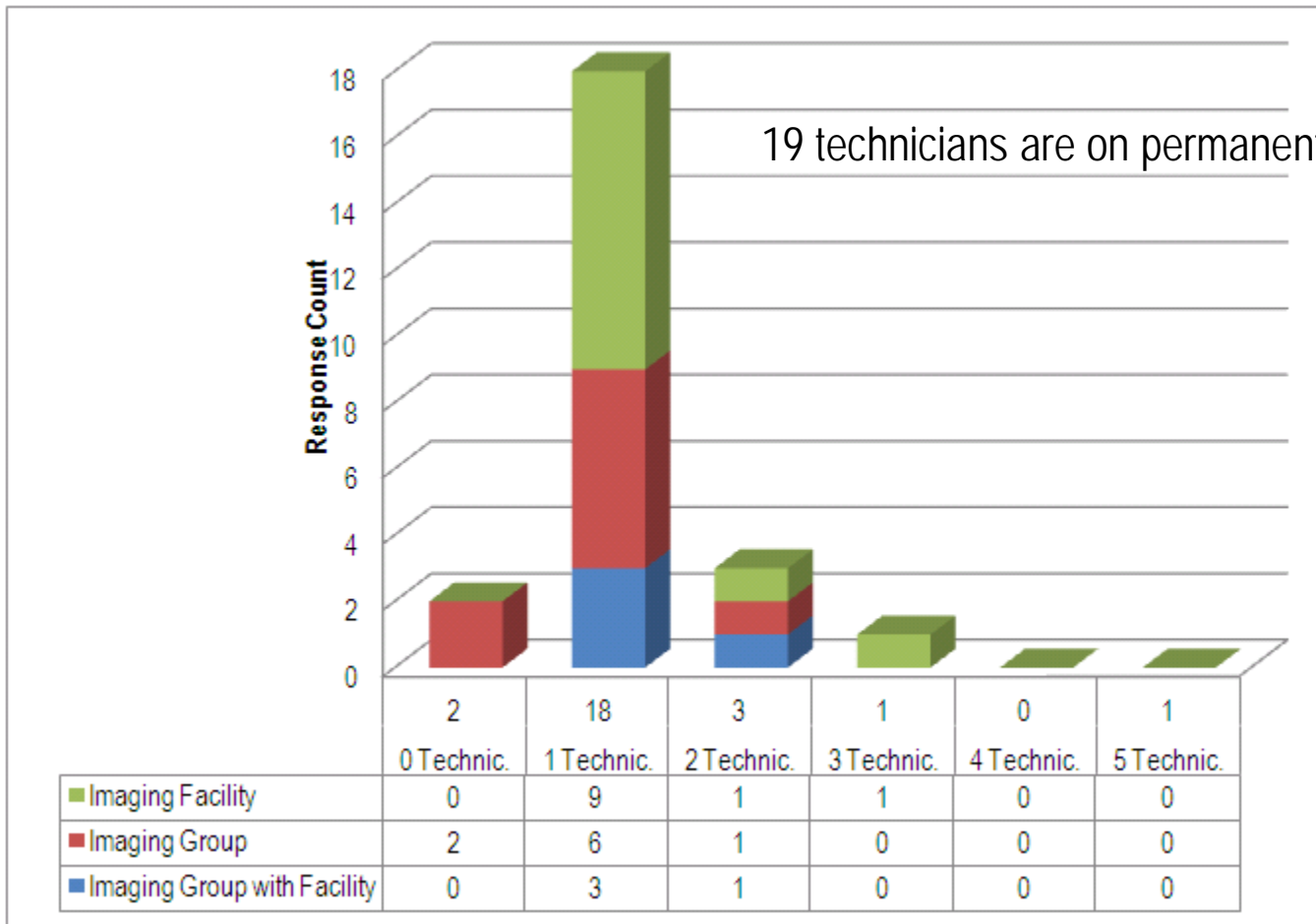
What type of personnel is employed in your facility / imaging group? n = 34

1) PhD



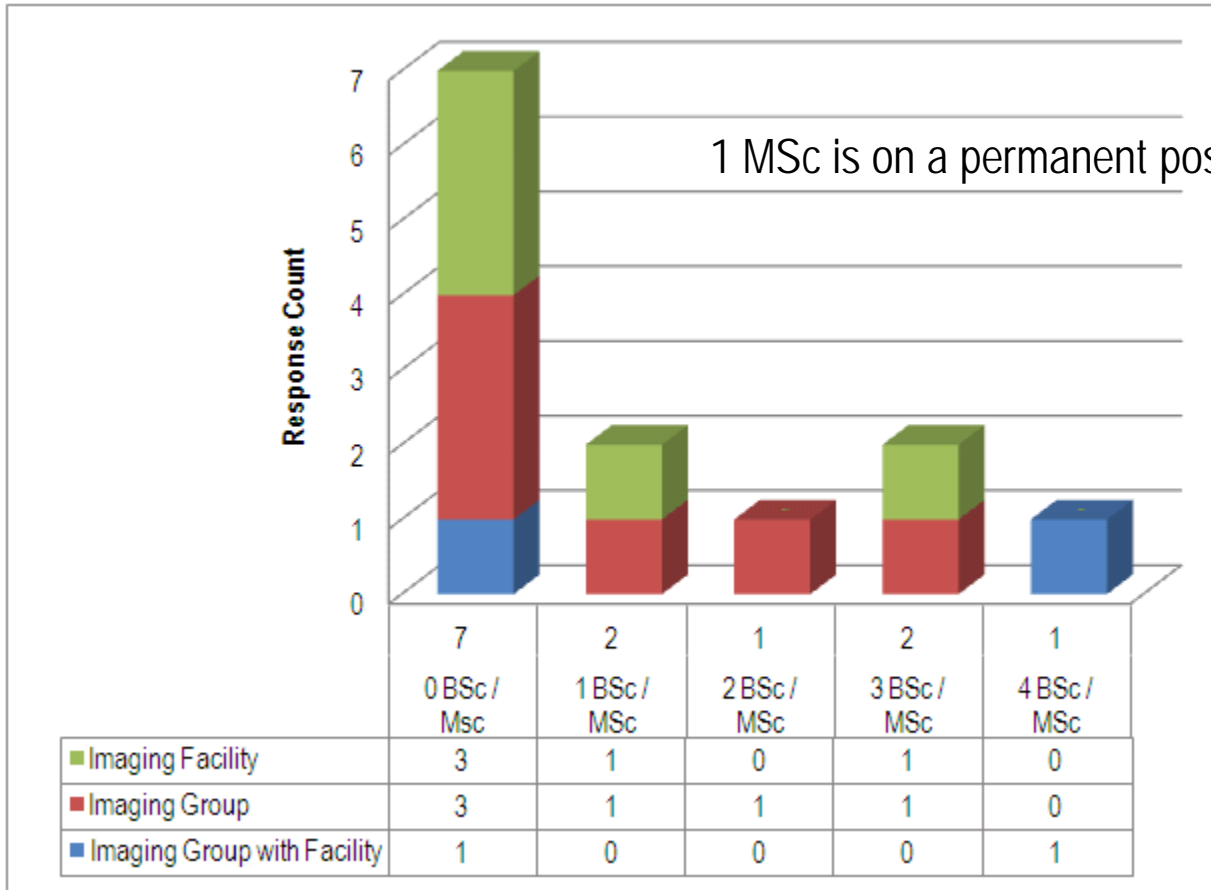
What type of personnel is employed in your facility / imaging group?

2) Qualified Technician



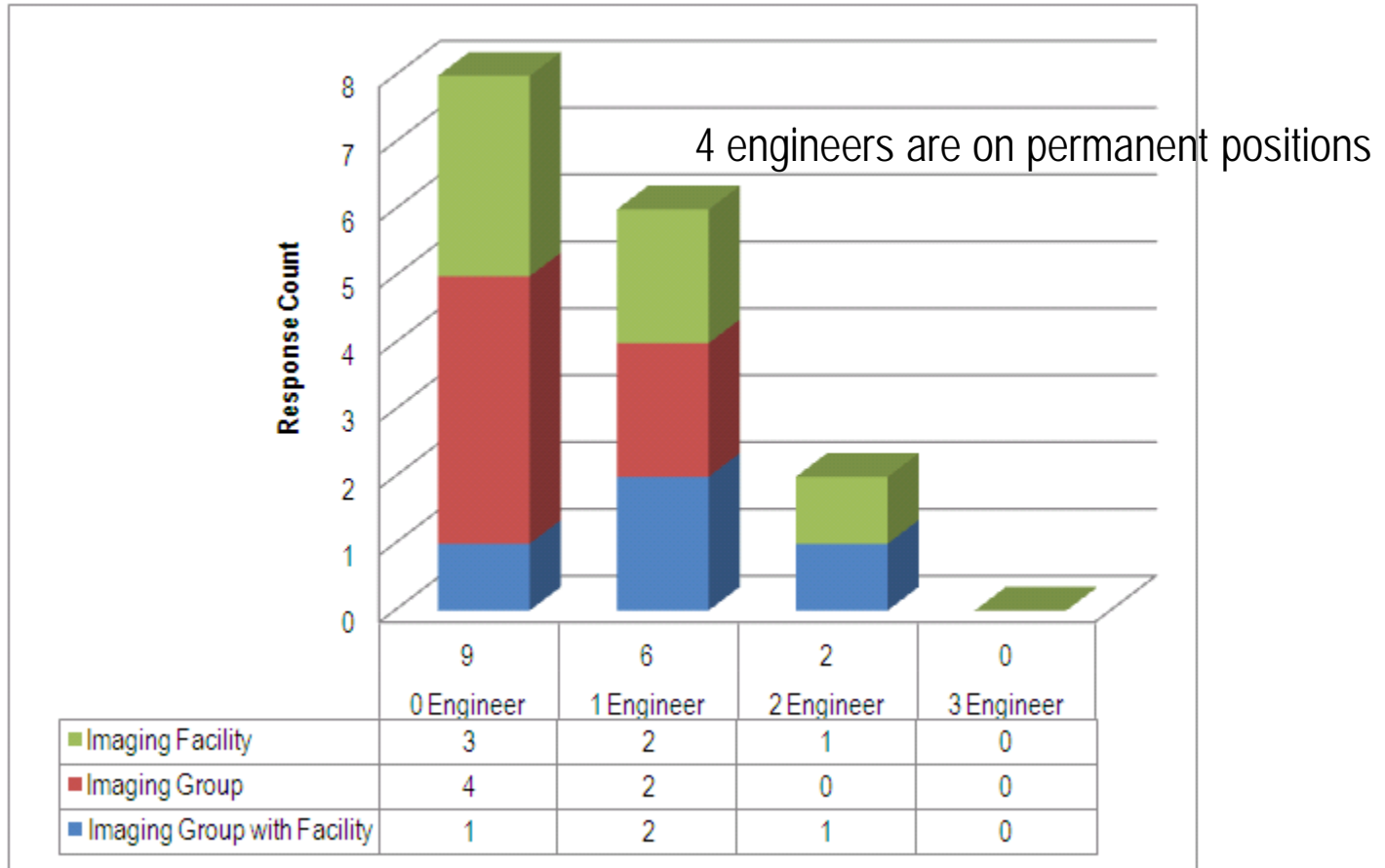
What type of personnel is employed in your facility / imaging group?

3) BSc / MSc



What type of personnel is employed in your facility / imaging group?

#### 4) Engineer



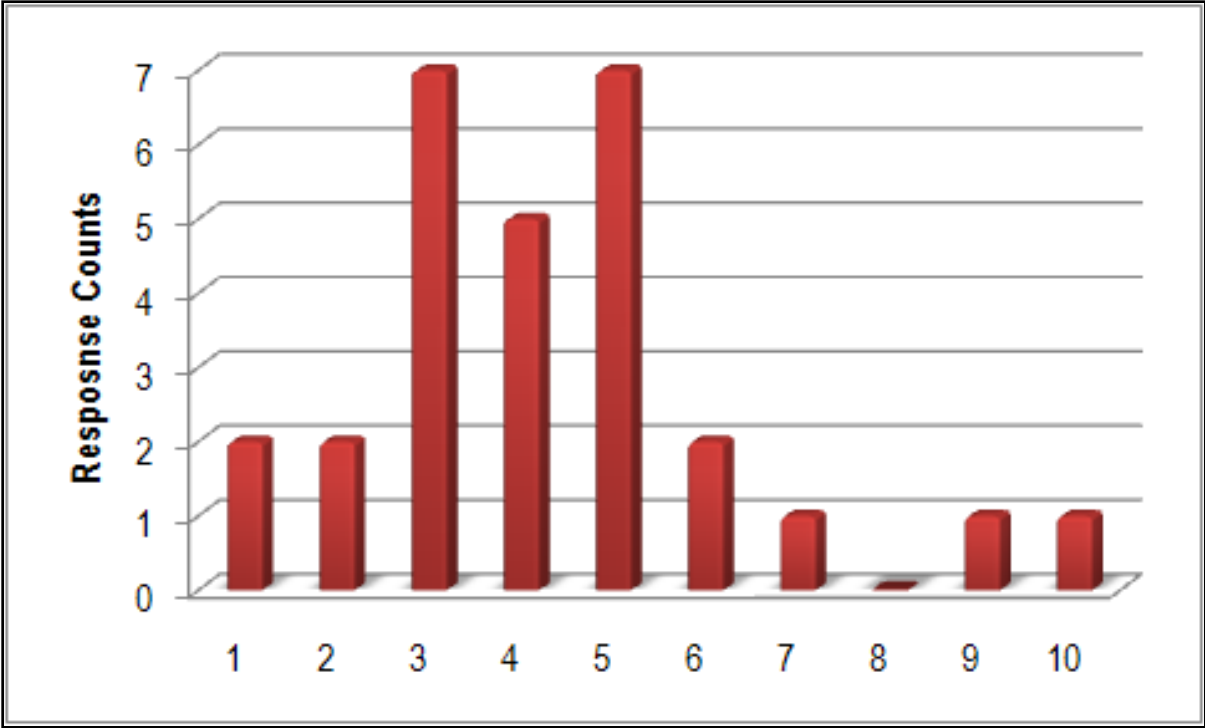
Staff Activity (n = 31)

In imaging facilities >60% of staff is devoted to service, <20% perform instrument development

With one exception, instrument development does not exceed 40% of staff capacity (both in facilities and groups)

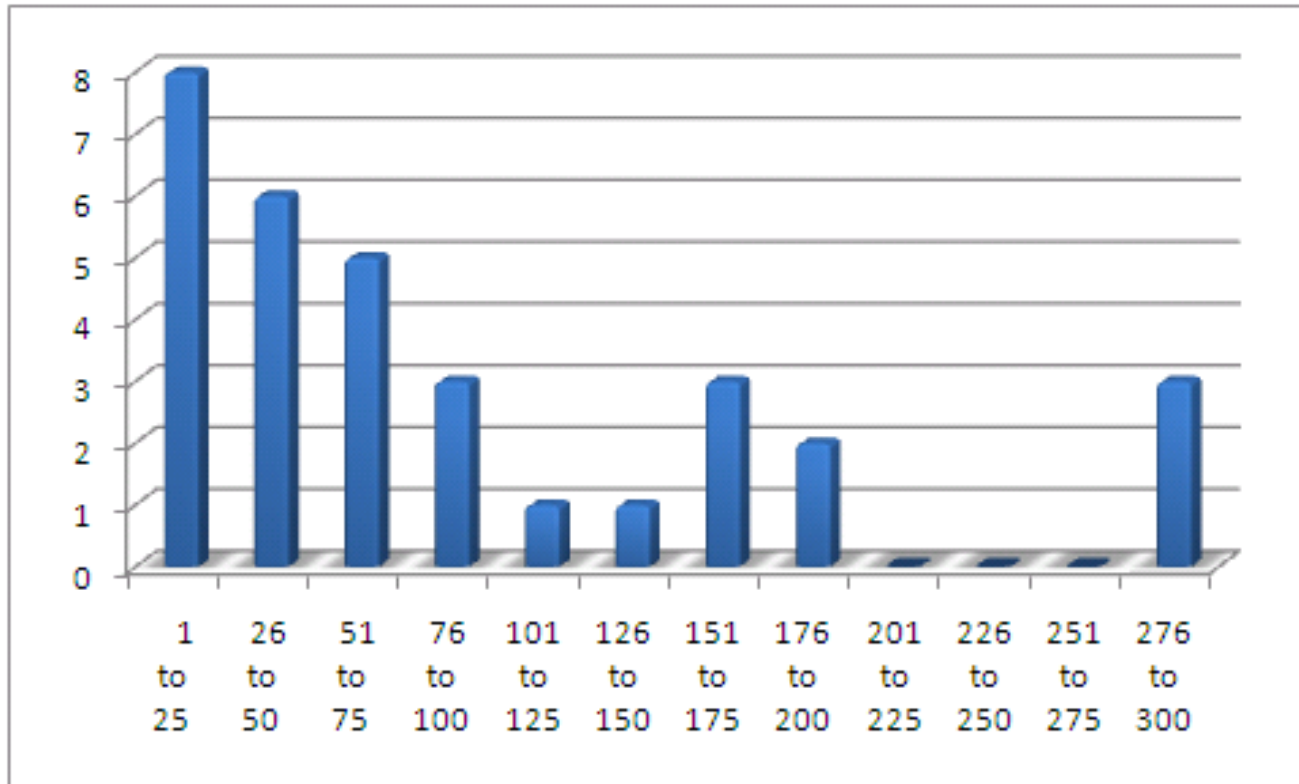
Imaging facilities are also involved in scientific projects (up to 50% staff capacity)

How many systems are supported by one person?



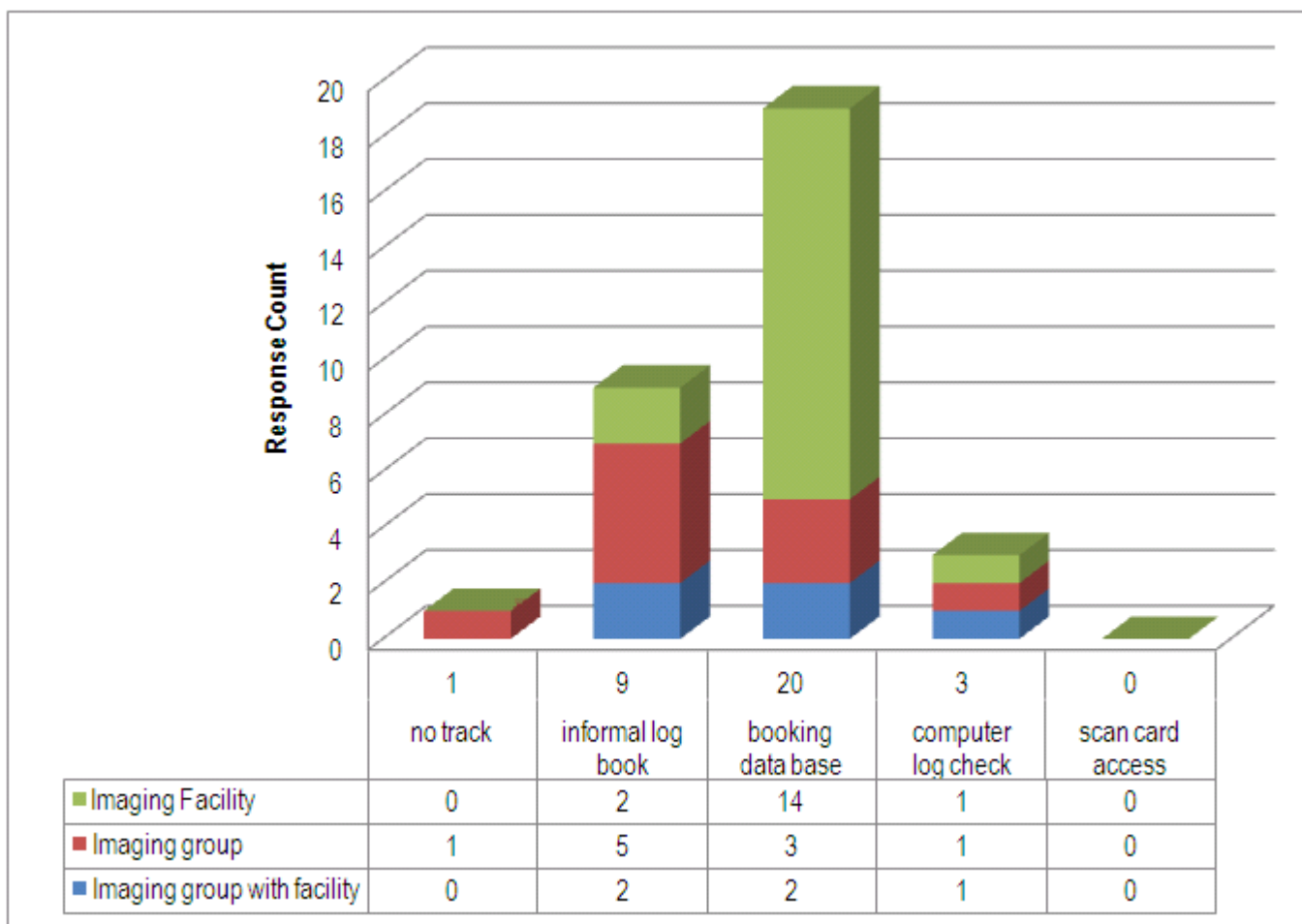
n = 28

## Average number of users annually



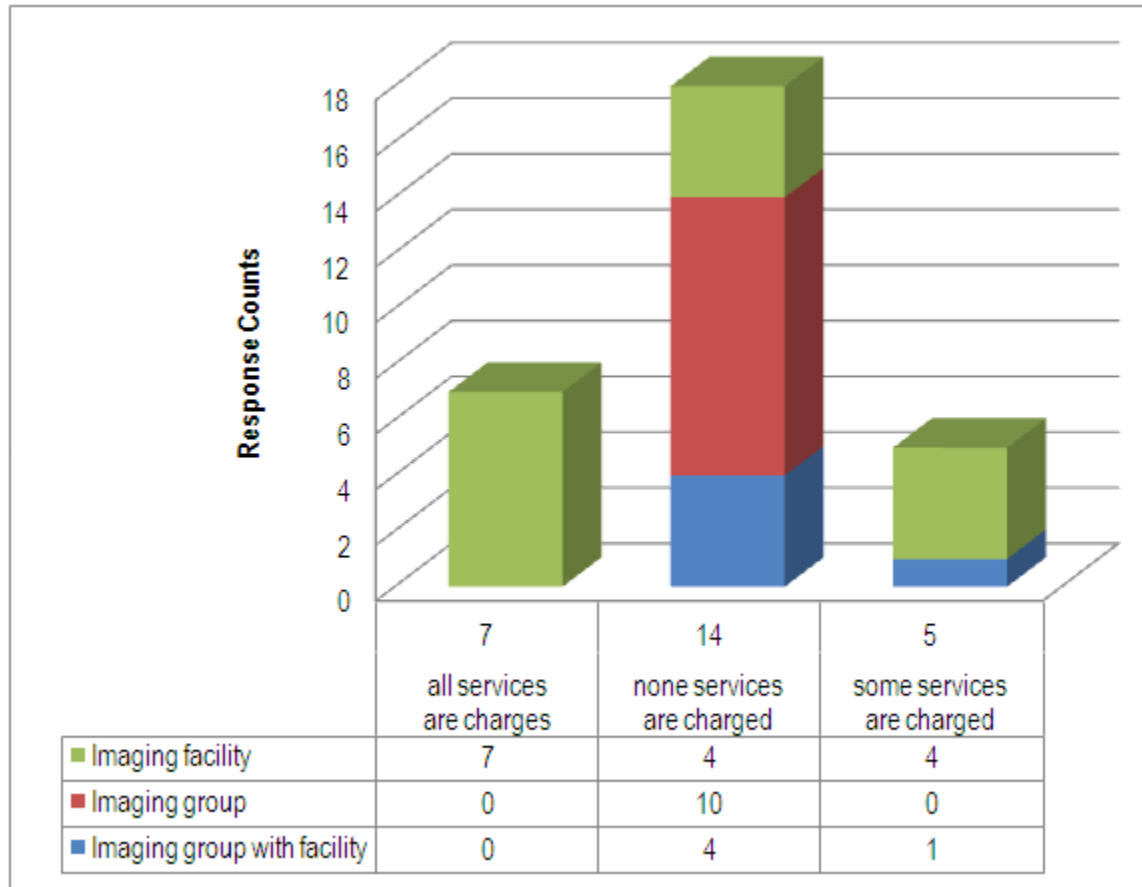
n = 32

## User tracking systems



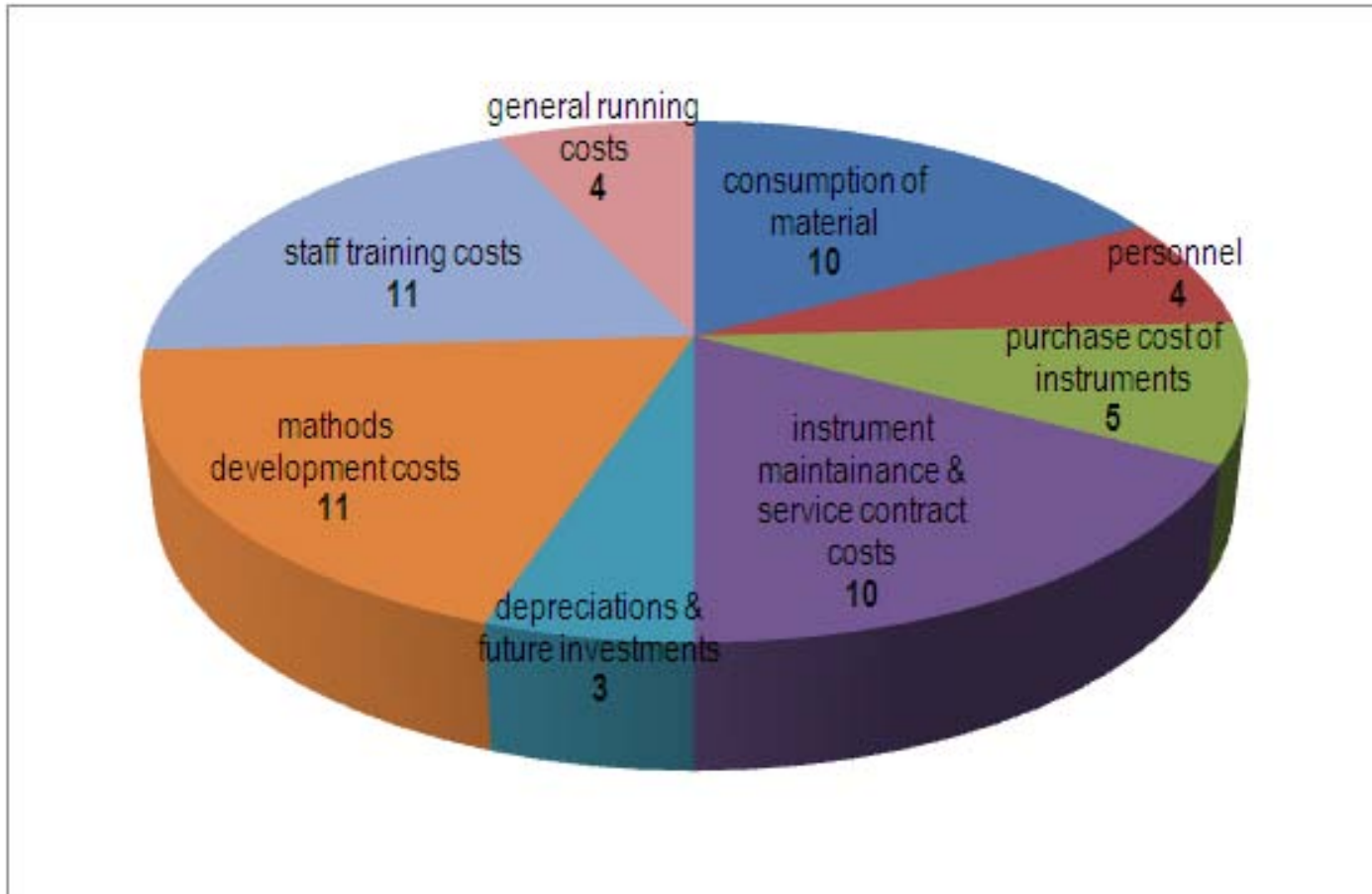
n = 32

# Services charged



n = 26

## Costs calculated into charged fees



n = 15

90 % do not charge for the use of image analysis workstations