

Thus spoke CÉCI Users

2016 CÉCI user
satisfaction
survey

anonymous
survey

Target: account holders
Span: June 27th to July 12th
3 emails to the mailing list

questions

How did you learn about us ?

Was it easy to create an account, to connect ?

In how many publications have you acknowledged the CÉCI ?

What do you need ?
(hardware/software/policy)

What is your typical job ?

What would your dream job be ?

feedback ...

Response demography

758412 0821
575412 0821
65 34 3947
WEAT 082177
700G 0821
190120 0821
758412 0821
573412 0821
65 34 3947

SECRETARY
RUNTIME STAT

40112 0821 0821
34 39 34 3947
758412 0821 0821

83 responses

Out of approx. 470 users
active from July 2015 to July
2016

1/2 had already answered a
previous CÉCI survey

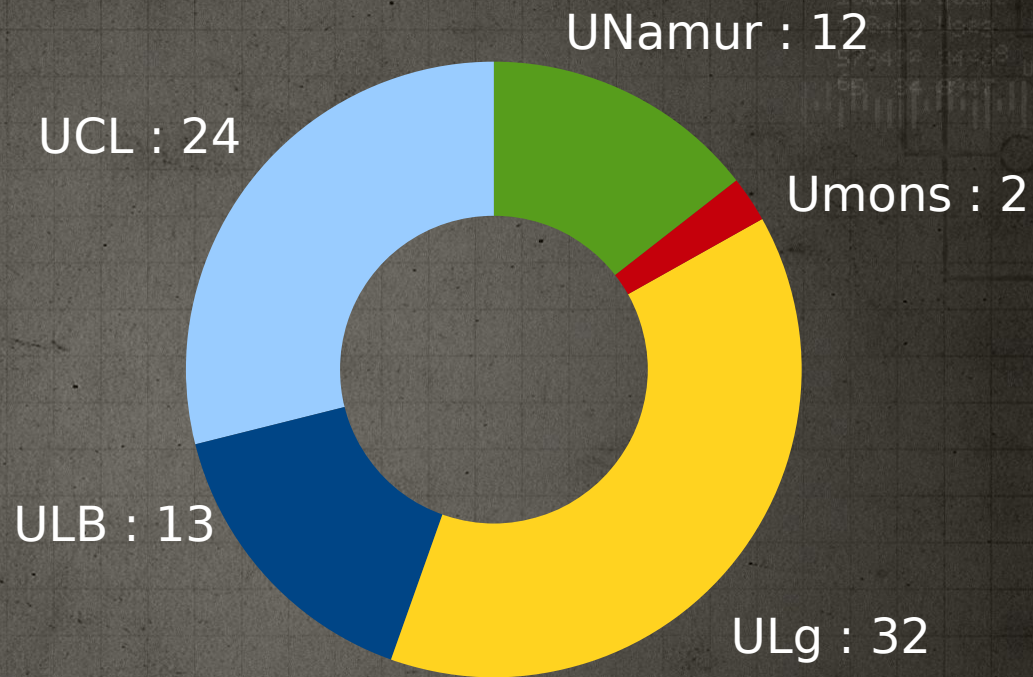
LAST YEAR

96 responses

Out of approx. 480 users
active since January that
year

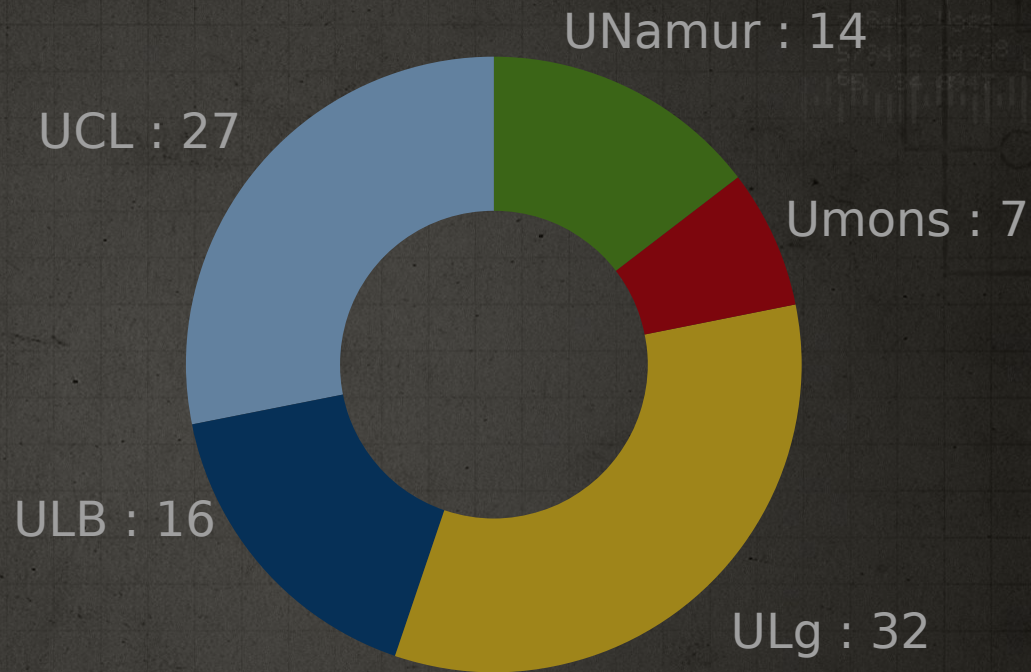
1/3 had already answered a
previous CÉCI survey

83 responses

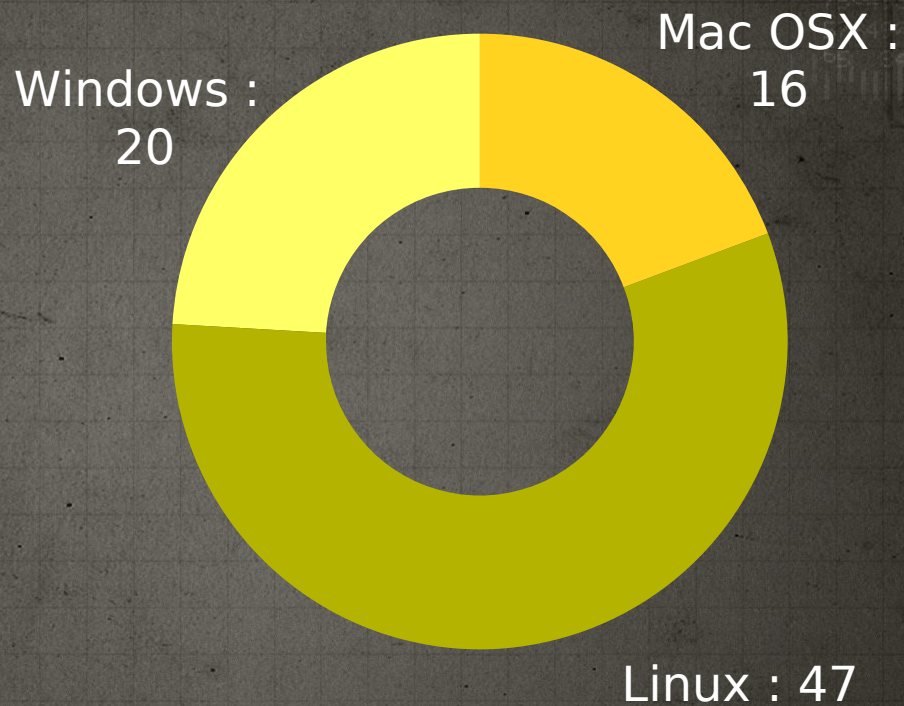


LAST YEAR

96 responses

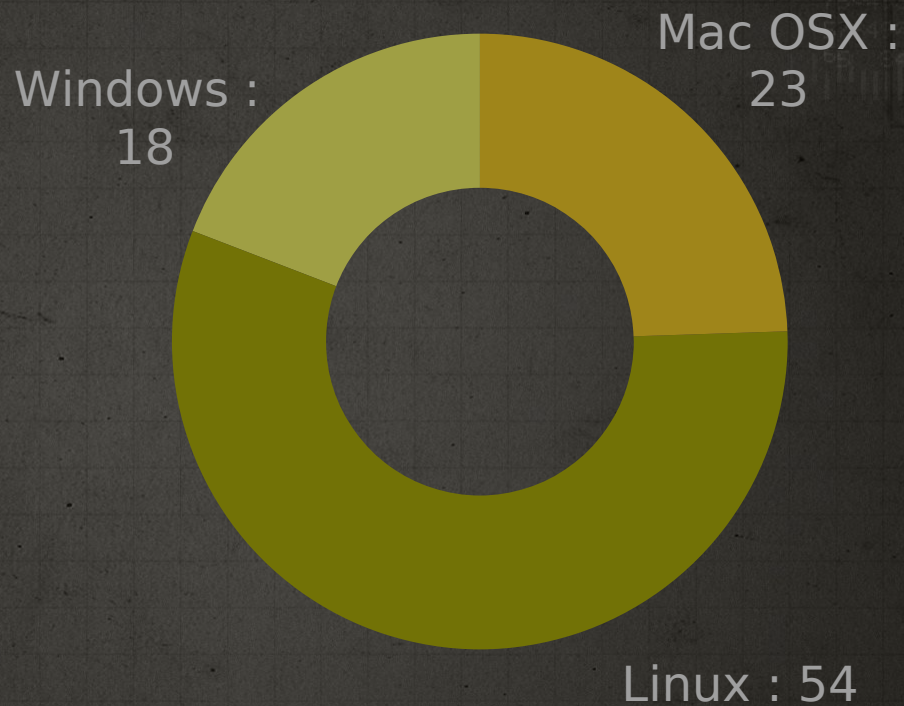


Operating system

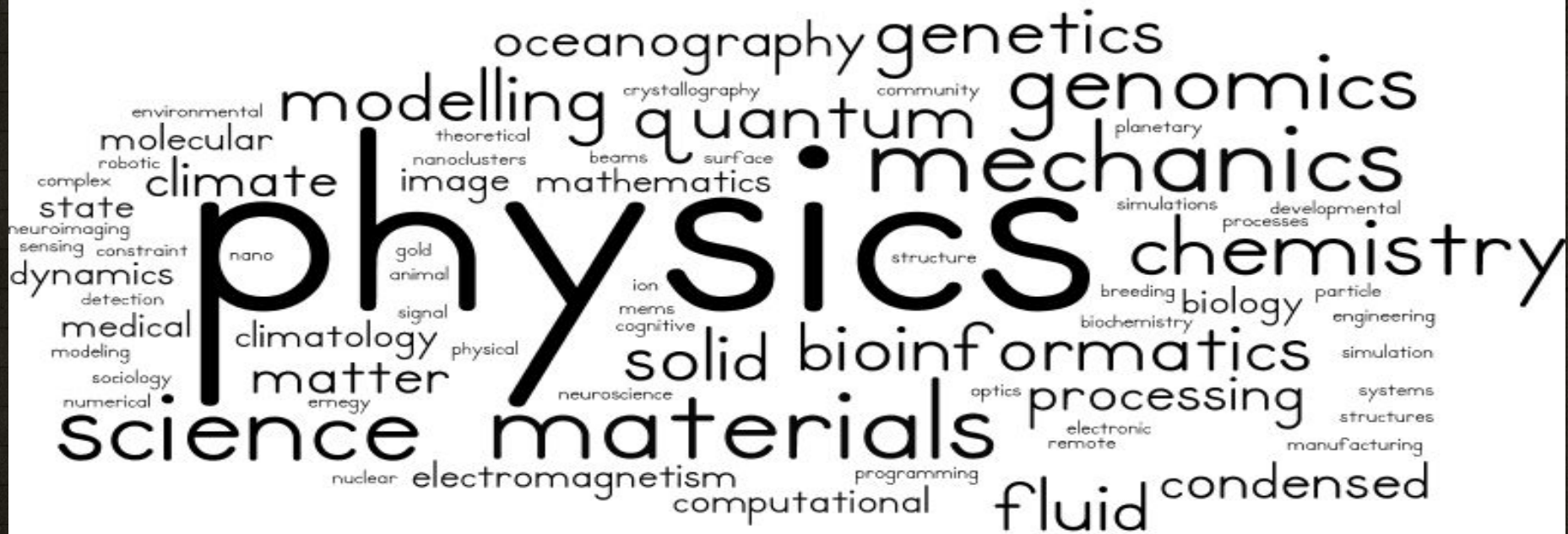


LAST YEAR

Operating system



Fields of application



LAST YEAR

Fields of application



Response Analysis



SECRETARY
RUNTIME STAT

40118 100 0040
04 00 04 0047
000 000 000 0000

questions

How did you learn about us ?

Was it easy to create an account, to connect ?

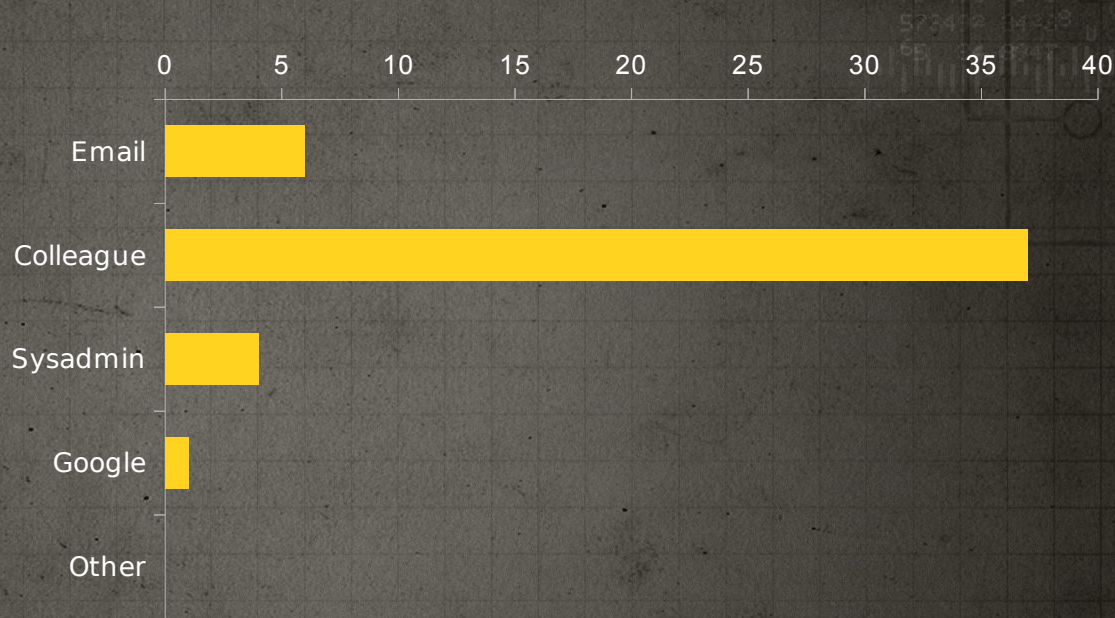
In how many publications have you acknowledged the CÉCI ?

What do you need ?
(hardware/software/policy)

What is your typical job ?

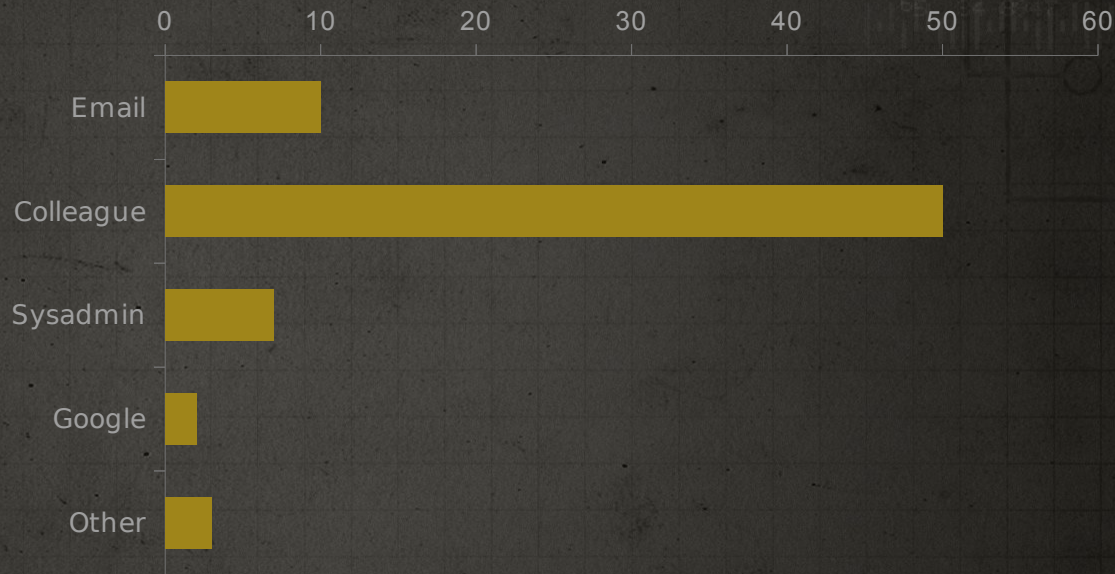
What would your dream job be ?

How did you find out about the CÉCI ?



LAST YEAR

How did you find out about the CÉCI ?



questions

How did you learn about us ?

Was it easy to create an account, to connect ?

In how many publications have you acknowledged the CÉCI ?

What do you need ?
(hardware/software/policy)

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What would your dream job be ?

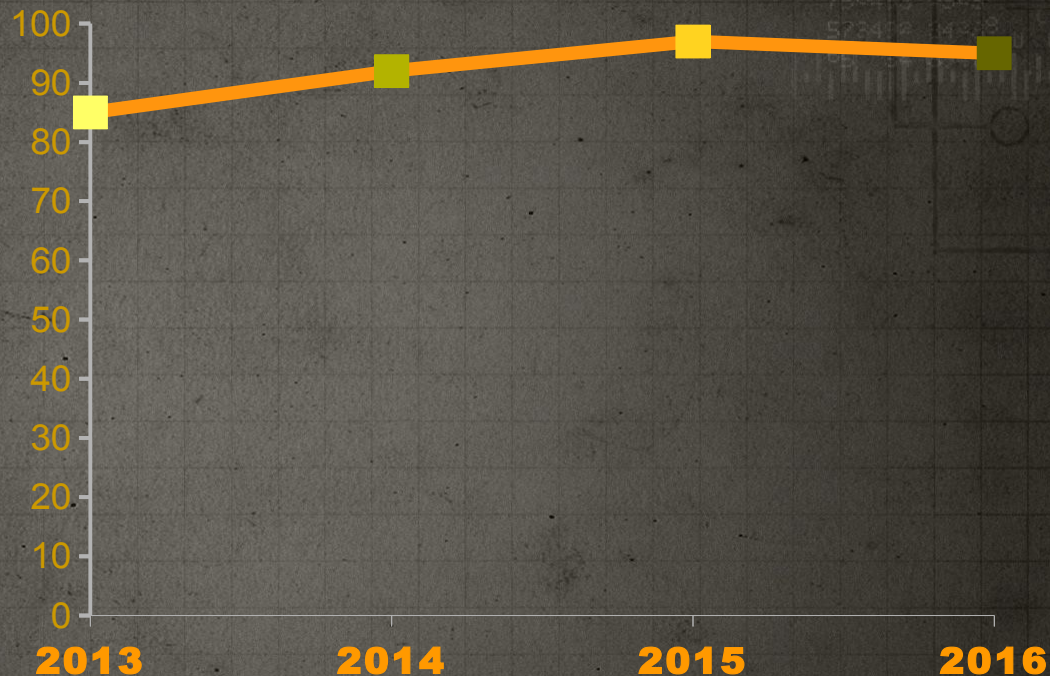
Was it easy
to create an
account ?

95 %
yes

LAST YEAR
97 %
yes

Was it easy
to create an
account ?

Percentage positive responses



Was it easy
connecting
with SSH ?

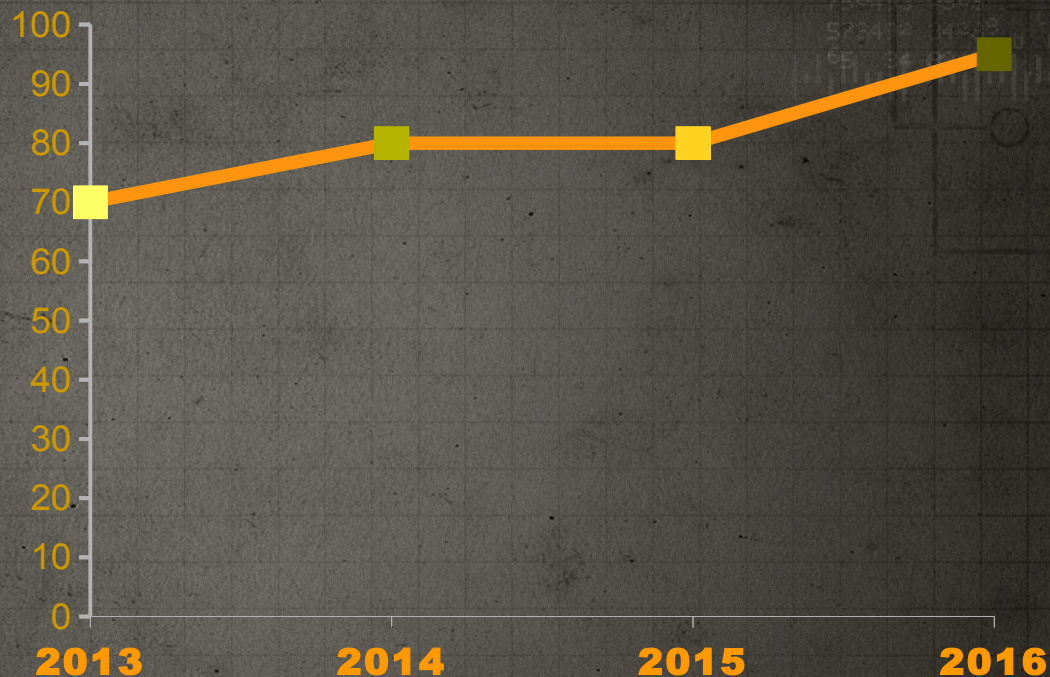
95 %
yes

LAST YEAR

80 %
yes

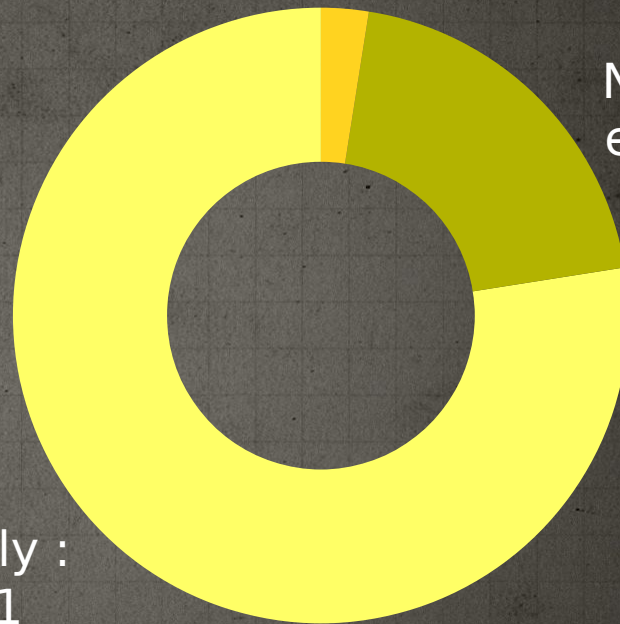
Was it easy
connecting
with SSH ?

Percentage positive responses



Did you find help when needed ?

Easily :
31



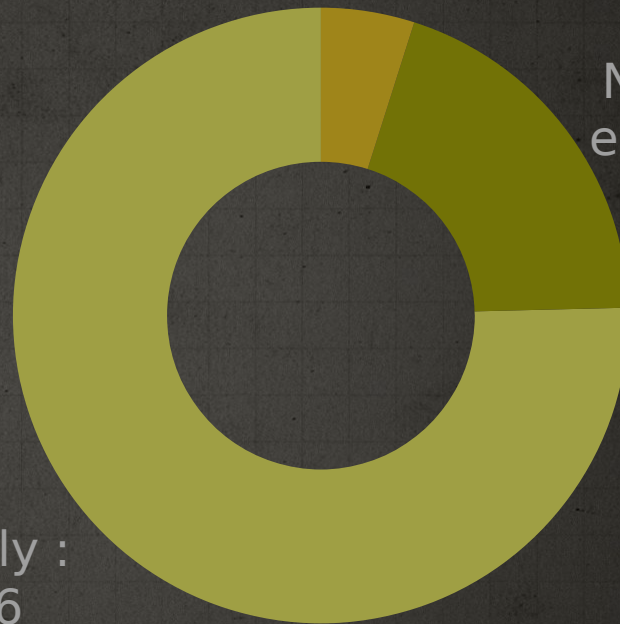
It was truly
difficult : 1

Not quite
easily : 8

LAST YEAR

Did you find
help when
needed ?

Easily :
46

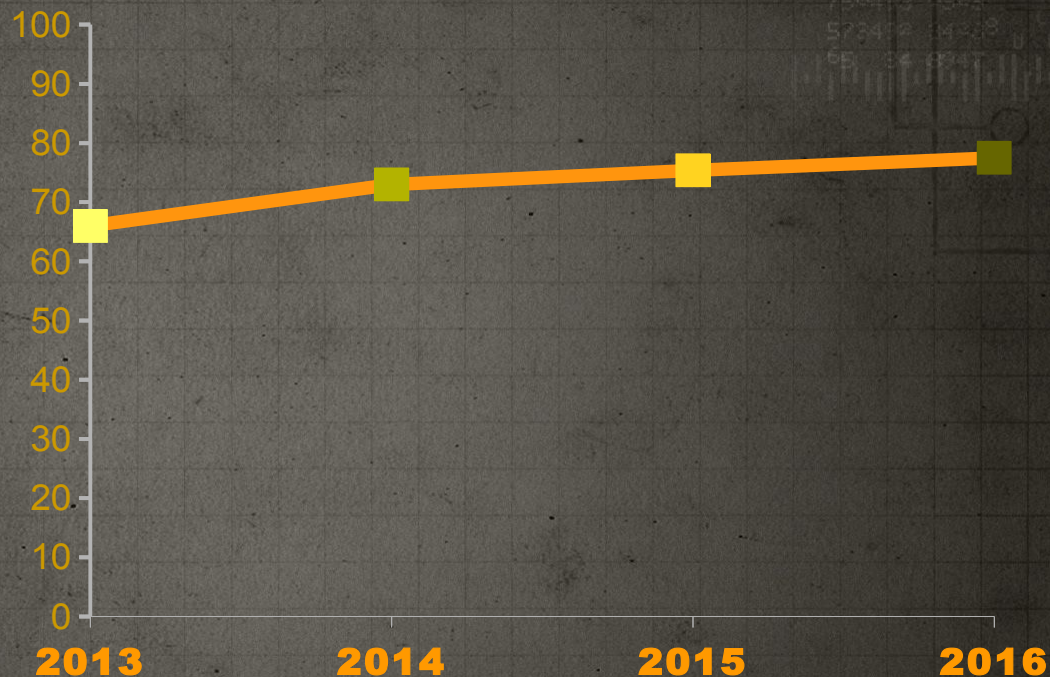


It was truly
difficult : 3

Not quite
easily : 12

Did you find
help when
needed ?

Percentage positive responses



questions

How did you learn about us ?

Was it easy to create an account, to connect ?

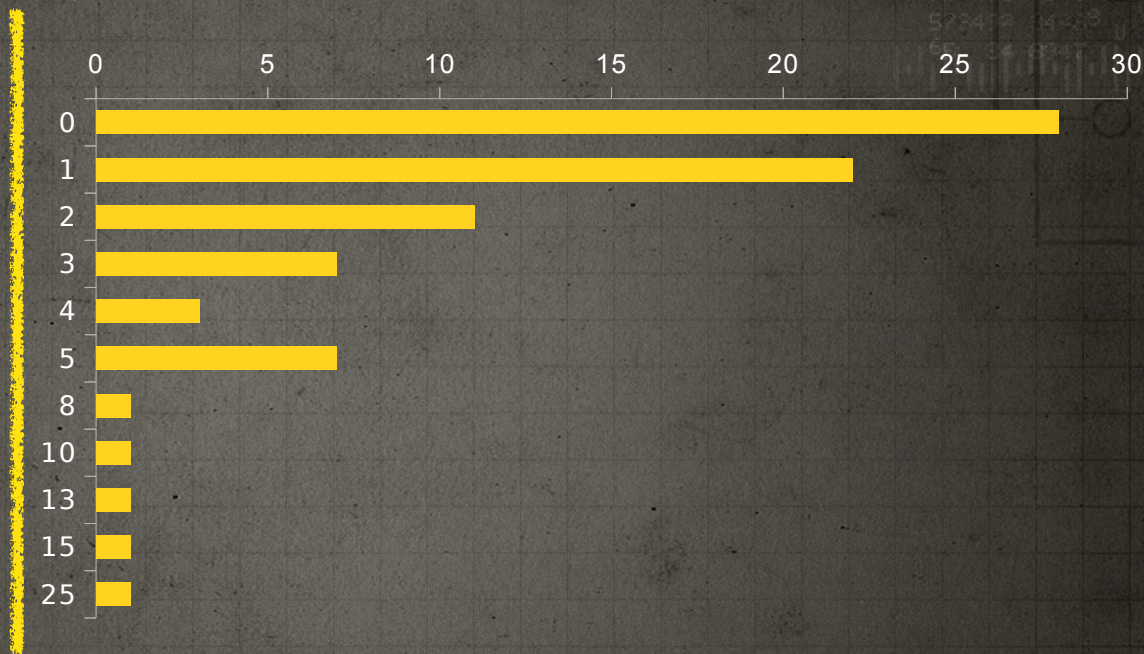
In how many publications have you acknowledged the CÉCI ?

What do you need ?
(hardware/software/policy)

What is your typical job ?

What would your dream job be ?

Acknowledgments to CECI in publications



questions

How did you learn about us ?

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What do you need ?
(hardware/software/policy)

What is your typical job ?

What would your dream job be ?

Do you ...

... sometimes submit a large number of jobs at once?

Yes: 43%

... leave data in scratch spaces for further processing?

Yes: 42%

... ssh to nodes to monitor your job?

Yes: 50%

... use queues/partitions dedicated to debugging?

Yes: 22%

LAST YEAR

Do you ...

... sometimes submit a large number of jobs at once?

Yes: 40%

... leave data in scratch spaces for further processing?

Yes: 31%

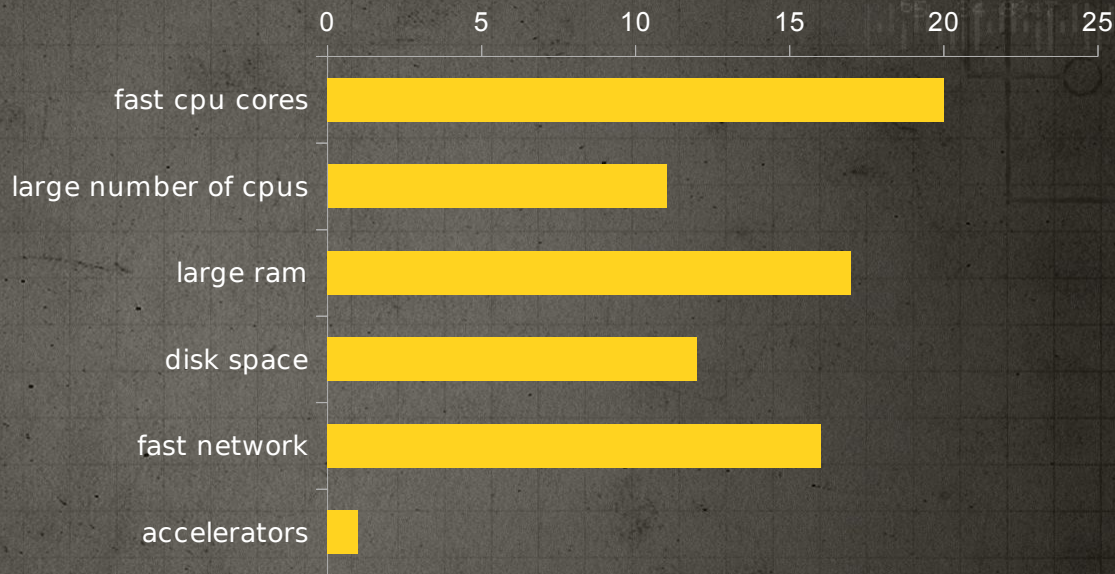
... ssh to nodes to monitor your job?

Yes: 60%

... use queues/partitions dedicated to debugging?

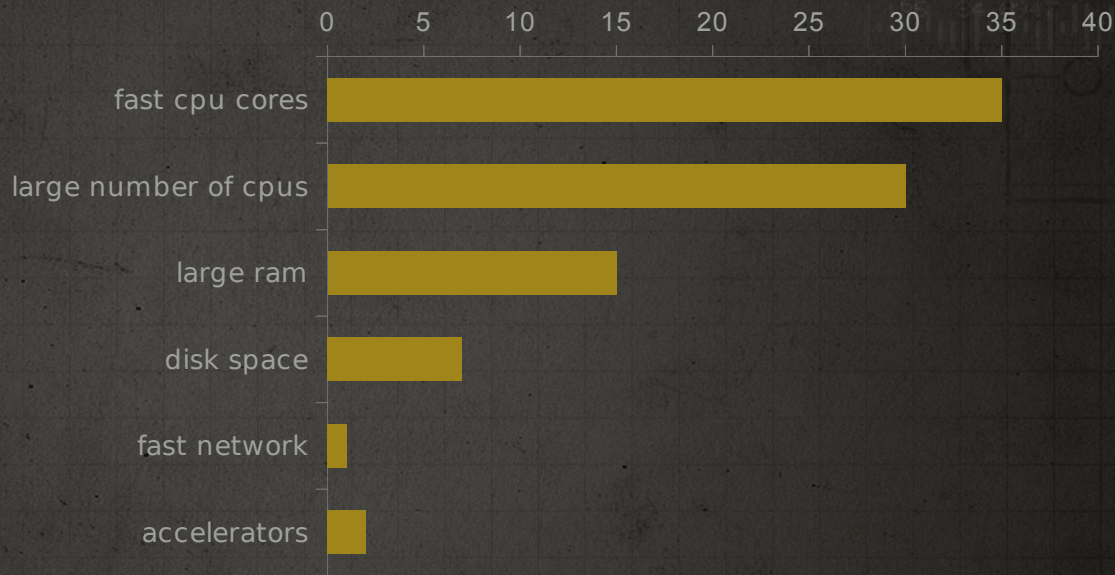
Yes: 20%

What is the most
important piece
of hardware you
need ?



LAST YEAR

What is the most
important piece
of hardware you
need ?



Juan Cabrera & Damien François | Summary of findings for the 2016 edition of the CÉCI user satisfaction survey. | Aug. 2016



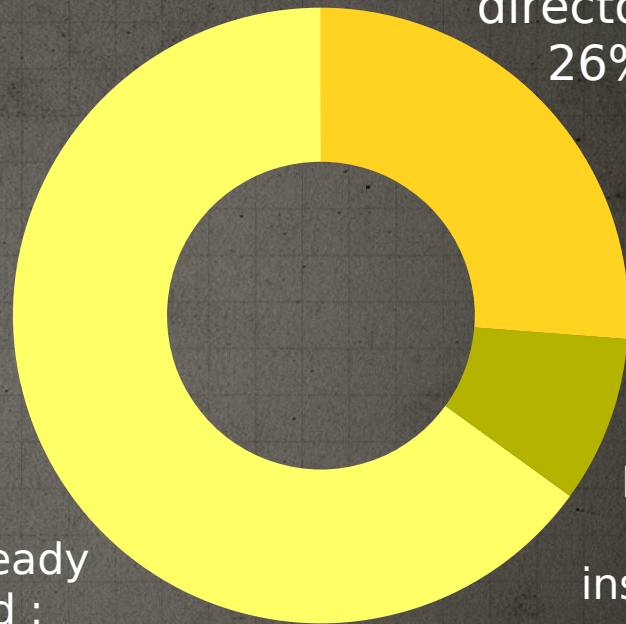
LAST YEAR

What software do you need ?



Is that software available ?

It was already
installed :
65%



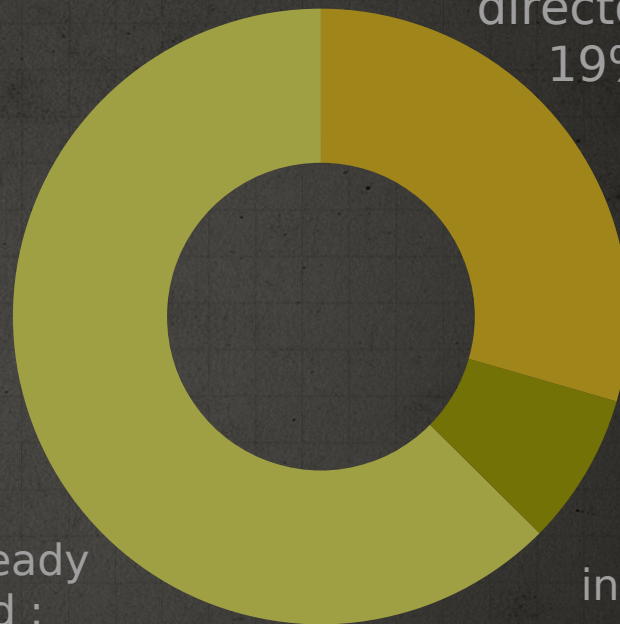
I installed it
in my home
directory :
26%

I asked to
have it
installed : 9%

LAST YEAR

Is that
software
available ?

It was already
installed :
73%



I installed it
in my home
directory :
19%

I asked to
have it
installed : 8%

questions

How did you learn about us ?

Was it easy to create an account, to connect ?

In how many publications have you acknowledged the CÉCI ?

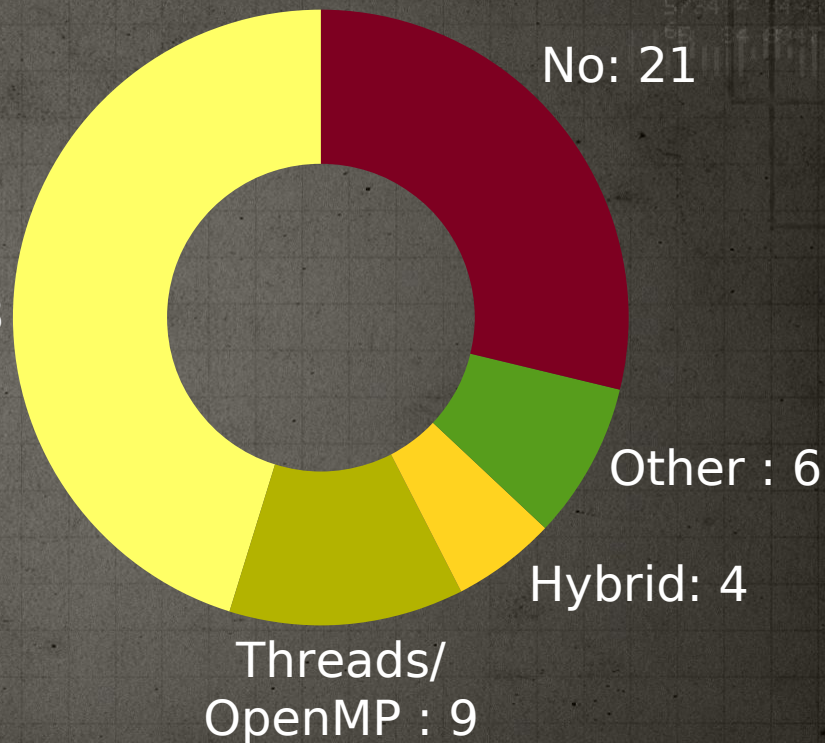
What do you need ?
(hardware/software/policy)

What is your typical job ?

What would your dream job be ?

Parallel job?

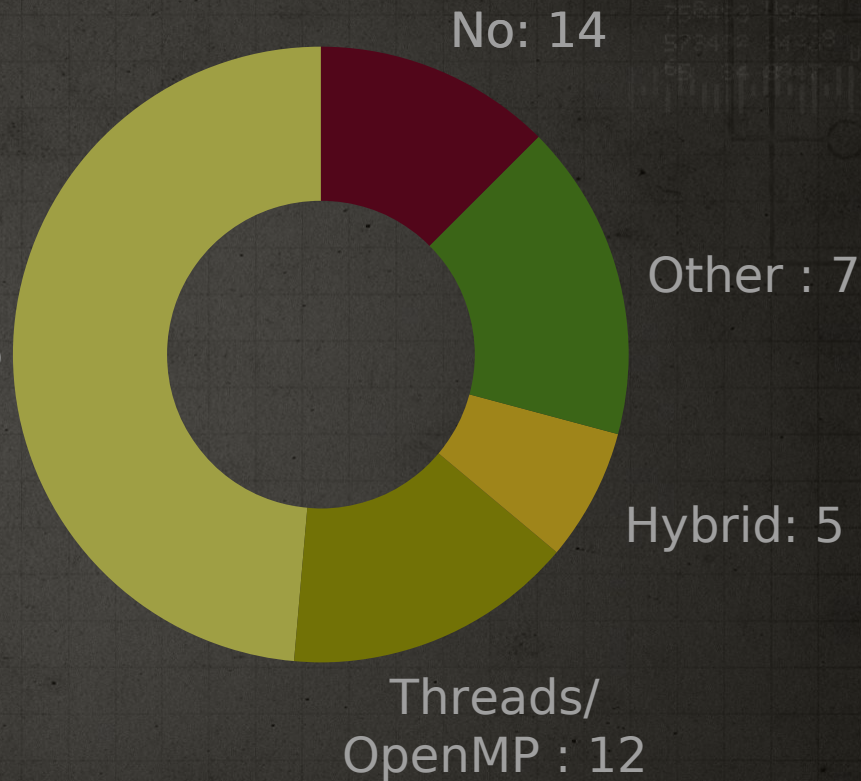
MPI : 33



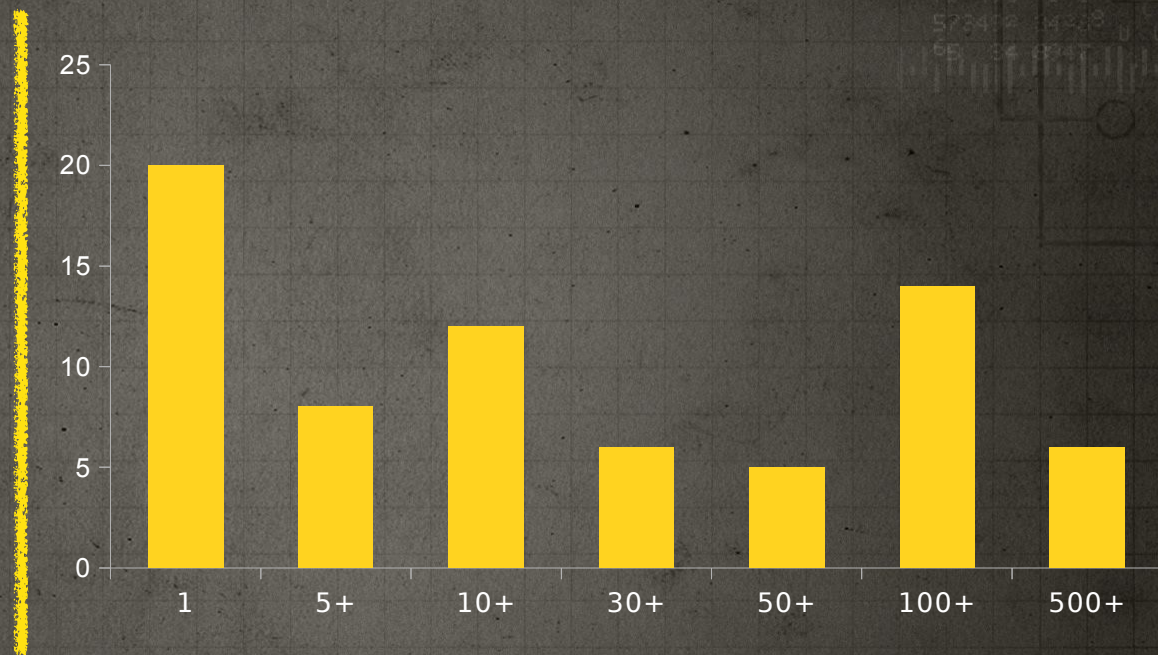
LAST YEAR

Parallel job?

MPI : 35

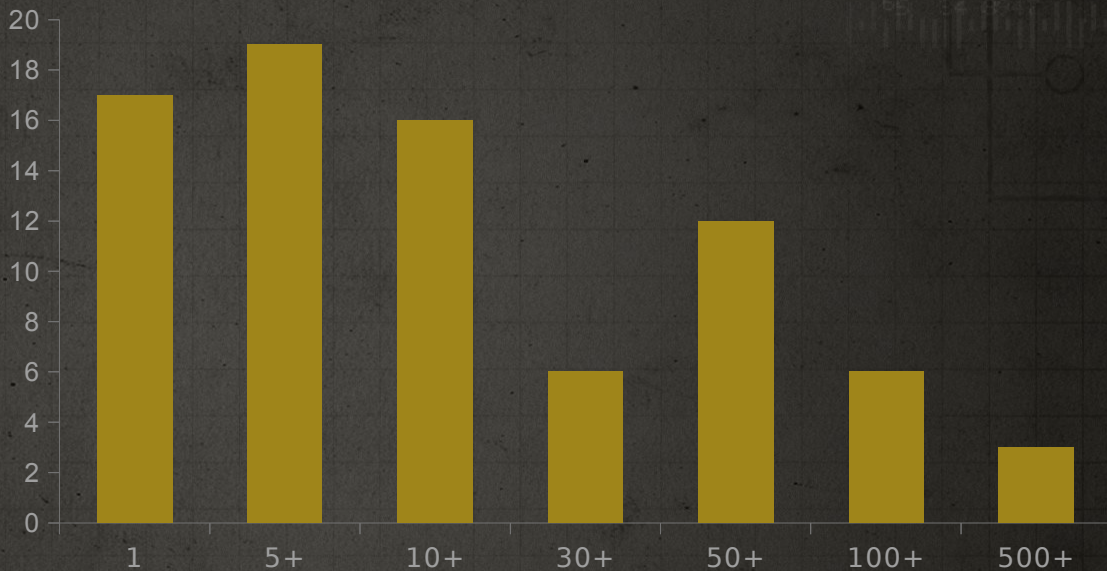


Typical nb of cores

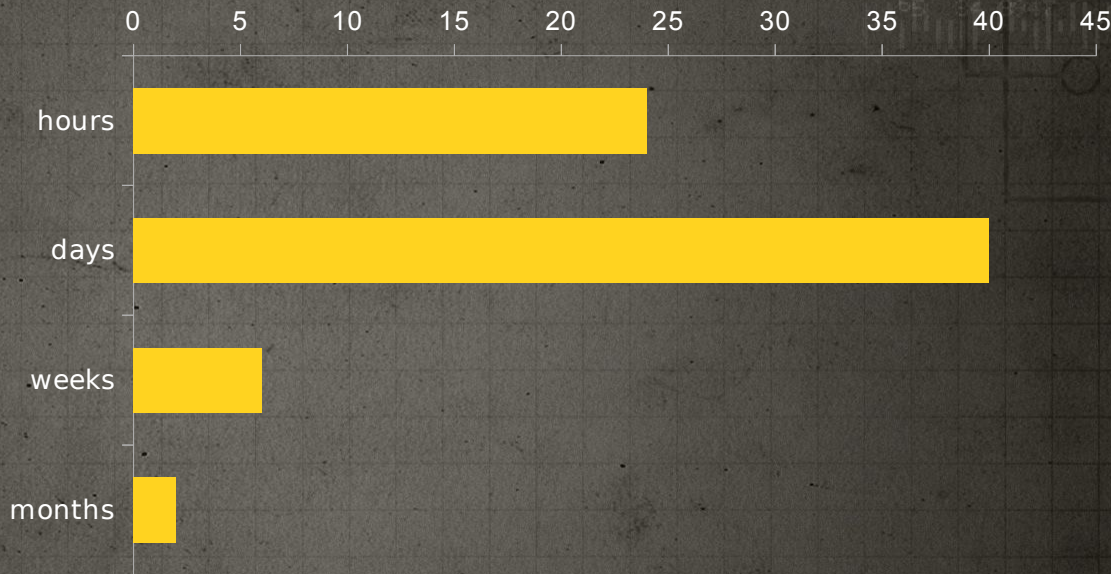


LAST YEAR

Typical
nb of cores



Typical job duration



2 respondents answered in minutes (!)

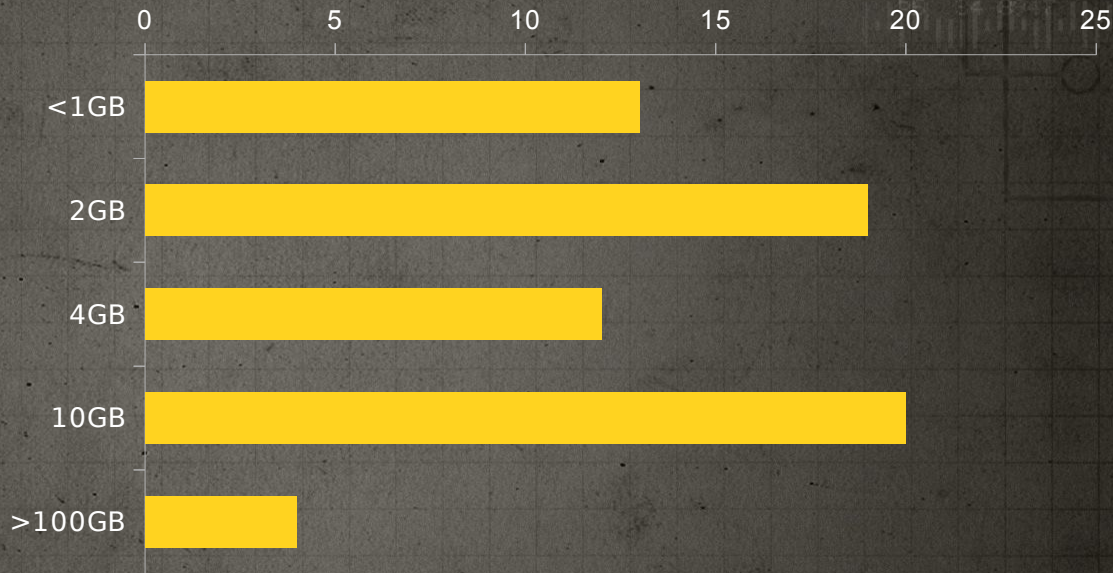
LAST YEAR

Typical job duration



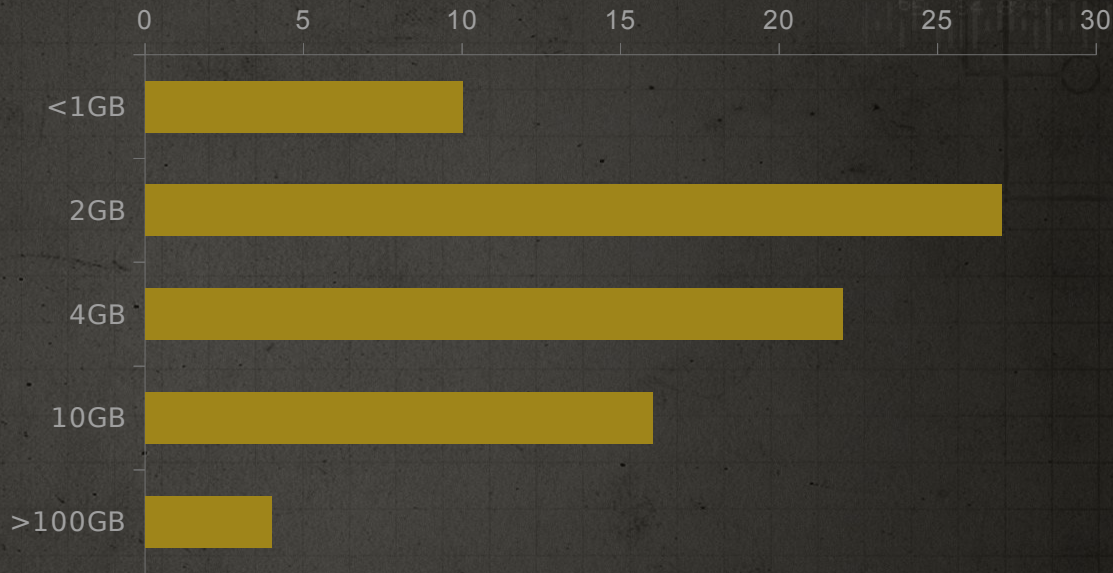
4 respondents answered in minutes (!)

Typical RAM / core

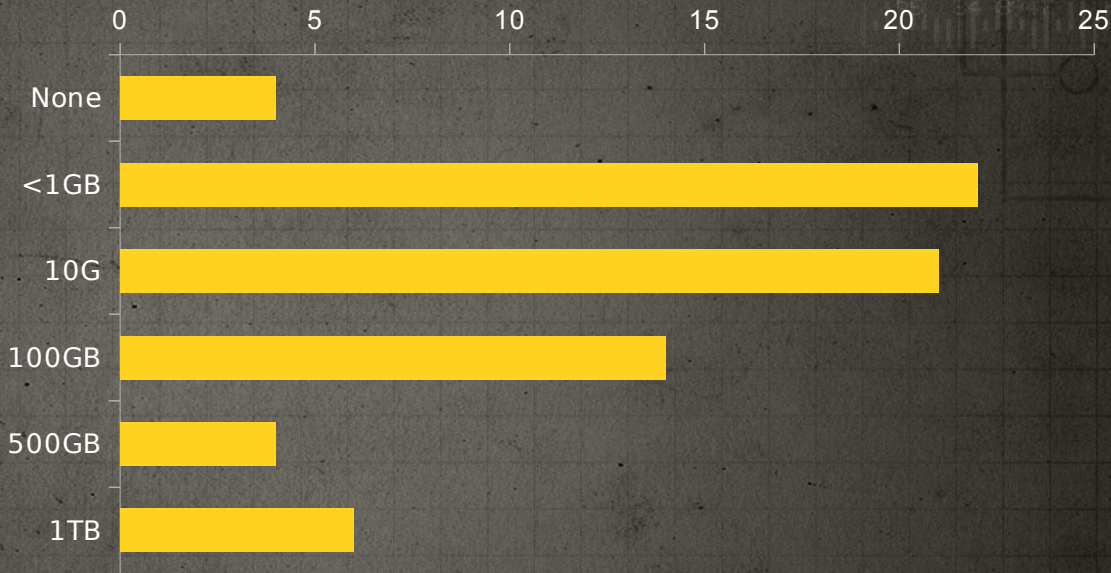


LAST YEAR

Typical RAM / core

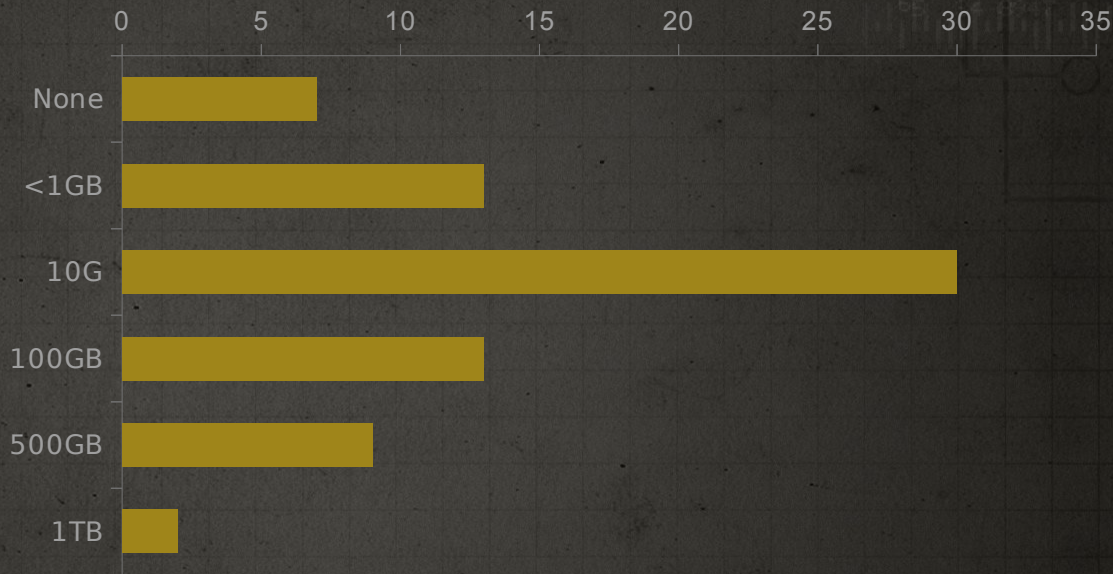


Typical disk / job



LAST YEAR

Typical
disk / job



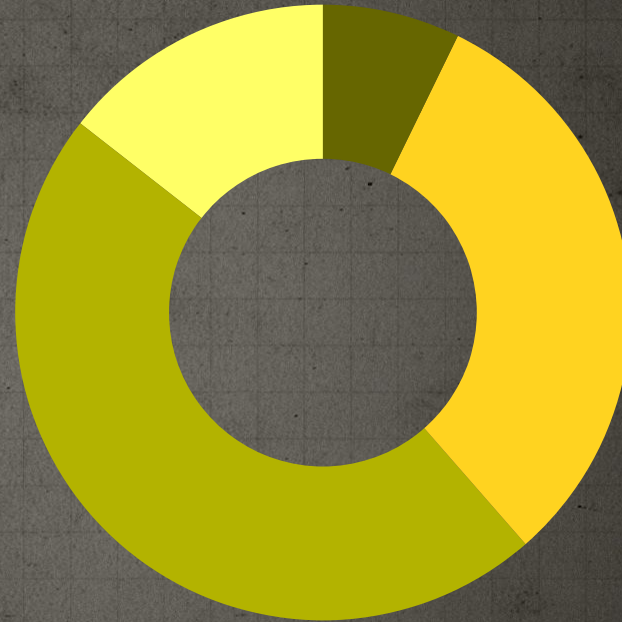
Do you checkpoint?

Do you
what ?
(12)

Sometimes: 6

No: 39

Yes: 26



LAST YEAR

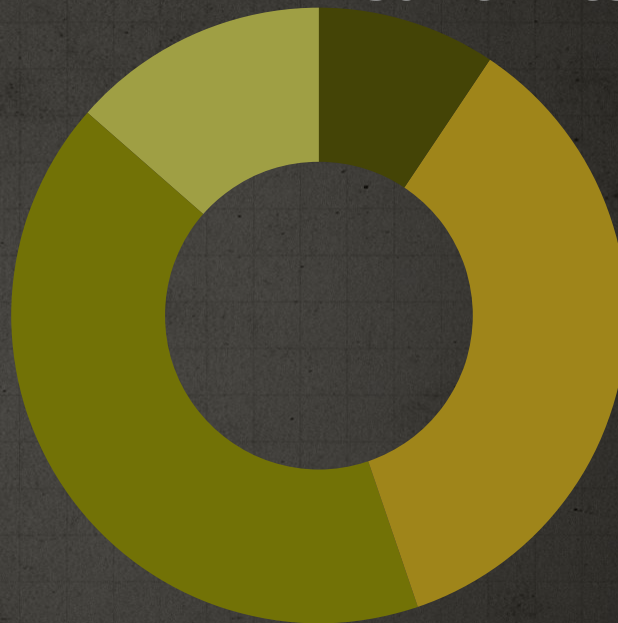
Do you
checkpoint?

Do you
what ?
(13)

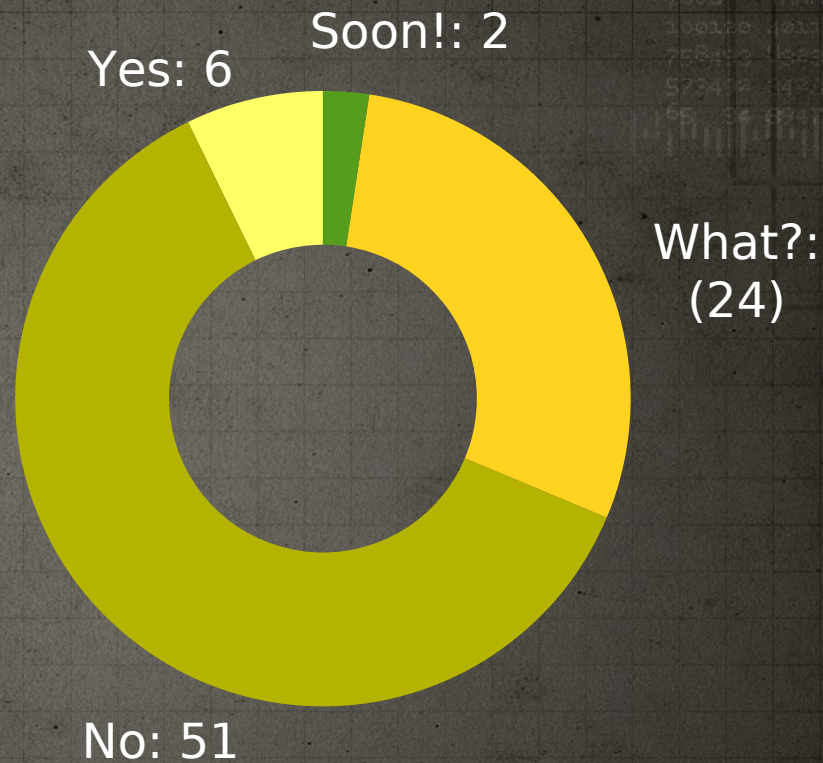
Sometimes: 9

No: 40

Yes: 34



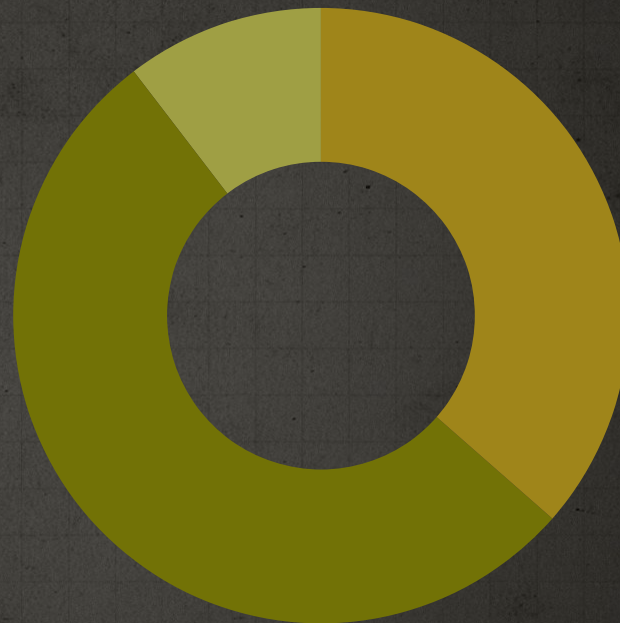
Do you GPU or XeonPhi ?



LAST YEAR

Do you GPU
or
XeonPhi ?

Yes: 10 What? (35)



No: 51

Dream job

- Less waiting
- More CPUs
- More jobs at once
- Longer jobs
- More disk space
- More memory/core
- Satisfied

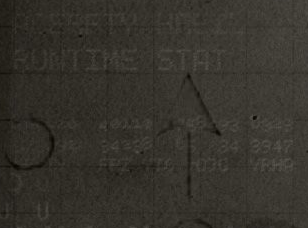
LAST YEAR

Dream job

- Less waiting
- More CPUs
- More jobs at once
- Longer jobs

Summary

of free comments:



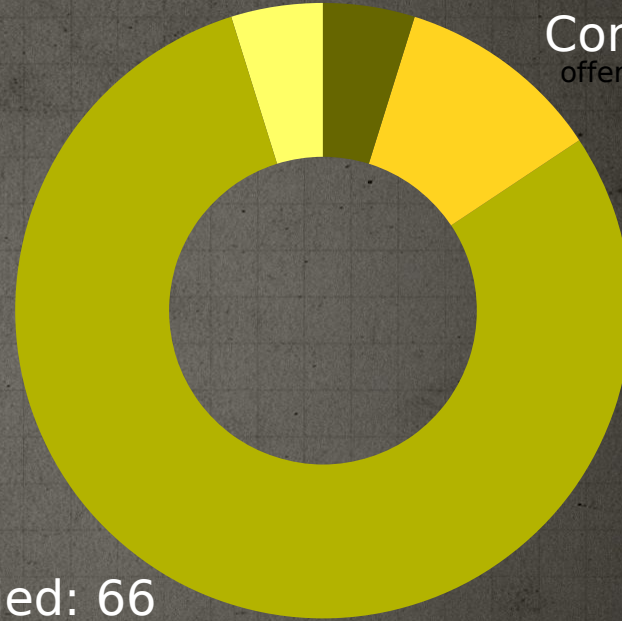
Overall sentiment

Enthusiast: 4
expressed positive
feelings

Negative: 4
complained

Constructive: 9
offered suggestions of
improvement

Satisfied: 66
did not complain
about anything



LAST YEAR

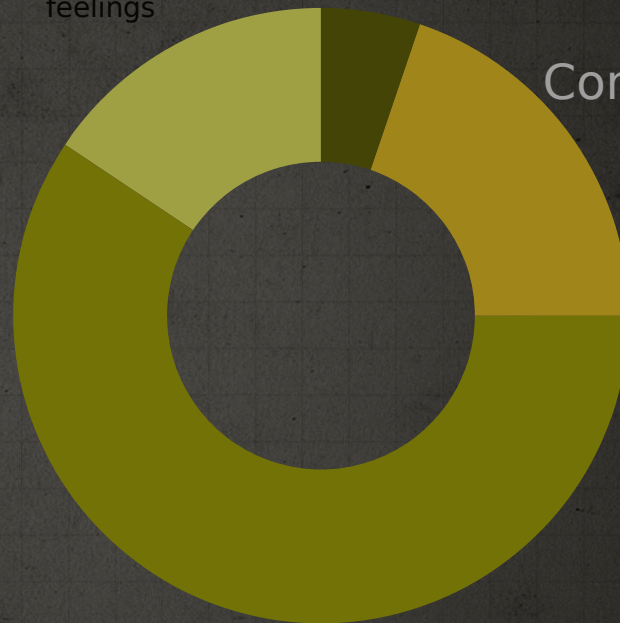
Overall sentiment

Enthusiast: 15
expressed positive
feelings

Negative: 5
complained

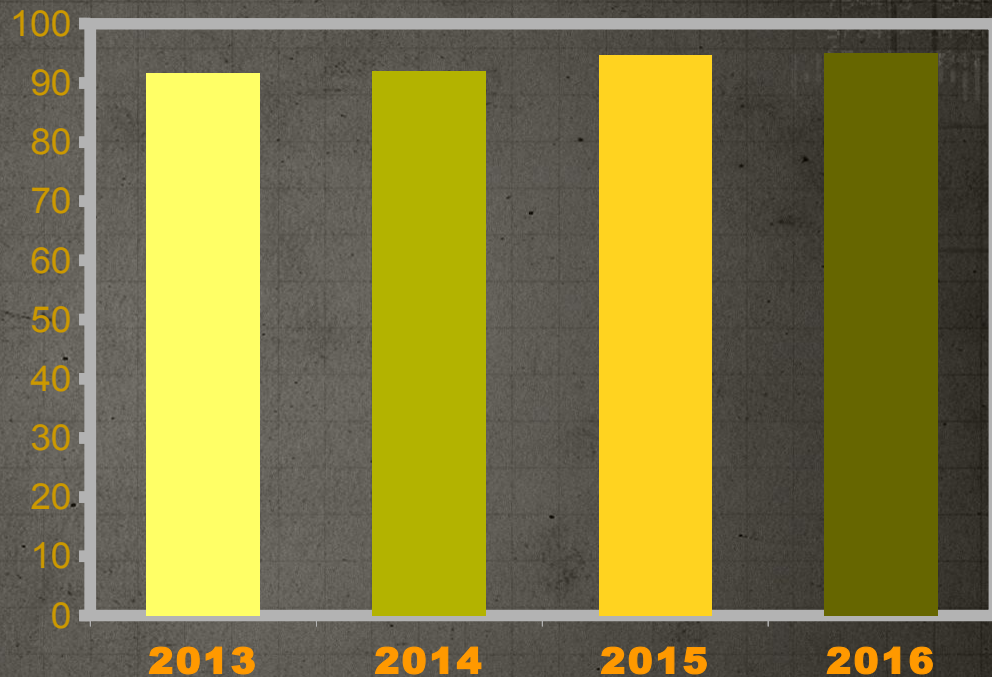
Constructive: 19
offered
suggestions of
improvement

Satisfied: 57
did not complain
about anything



Overall sentiment

Percentage happy users



Detailed
response

[http://www.cec-hpc.be/
survey2016.html](http://www.cec-hpc.be/survey2016.html)