BOINC Census 2024 Analysis
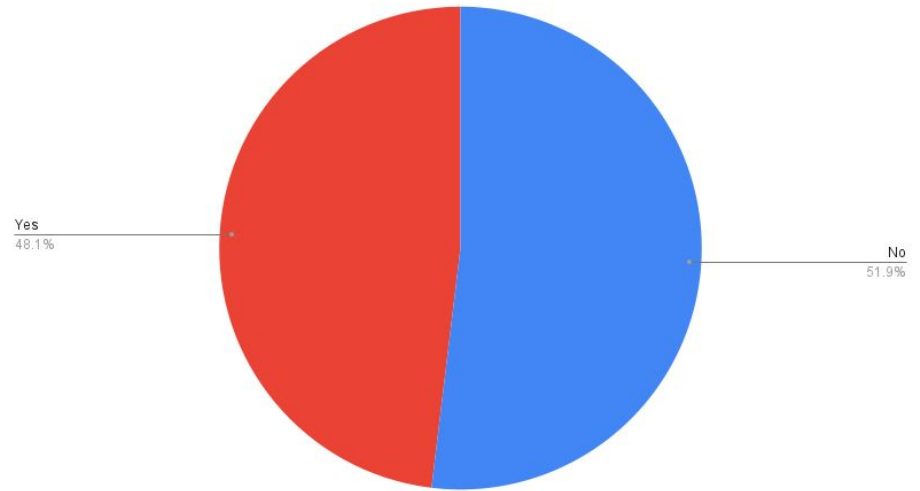
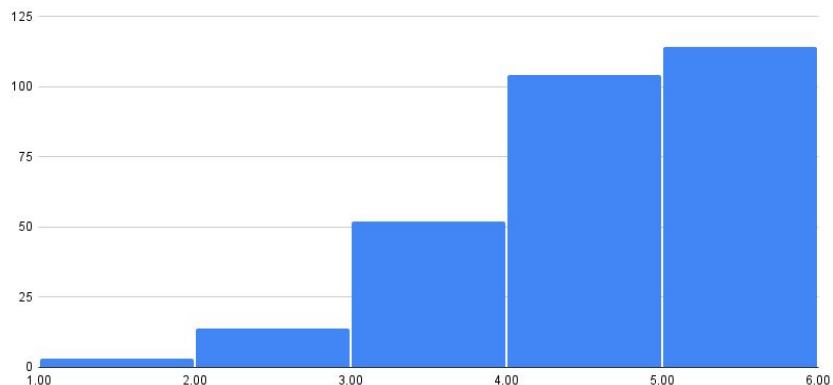# Prelude: About the Census

Participation

- Low numbers this year

- Need better comms

- 287 results (99 incomplete)

- Incomplete not included in analysis

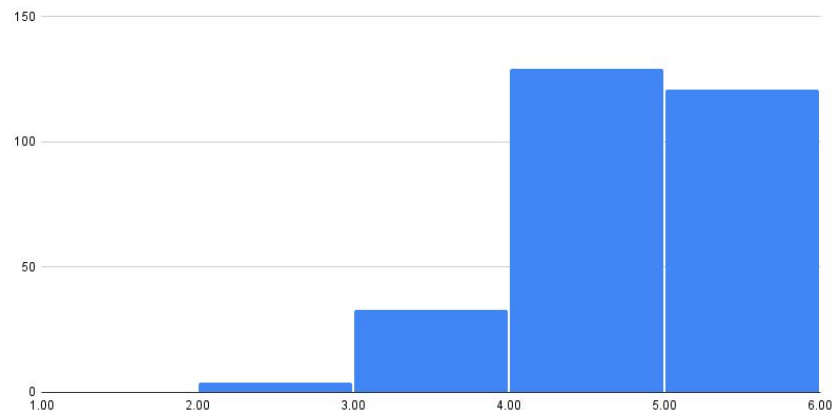Count of Have you ever participated in the BOINC census for a previous year?

Yes
48.1%

No
51.9%

Star ratings

Histogram of How would you rate your experience of engaging with the BOINC community this year?

Histogram of How would you rate your experience using the BOINC software?

# Impact

- In general, no real change in impact sentiment

Histogram of How much impact do you think your personal BOINC contributions had this year?

How much impact do you think your personal BOINC contributions had this year?

Histogram of How much impact do you think BOINC (as a whole) had on the world this year?
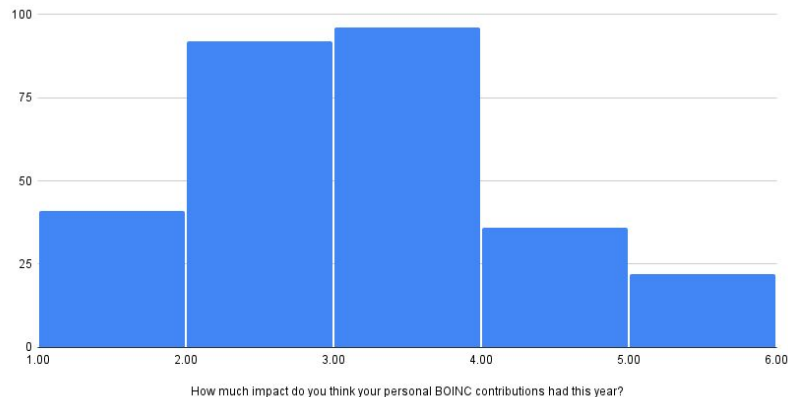
How much impact do you think BOINC (as a whole) had on the world this year?
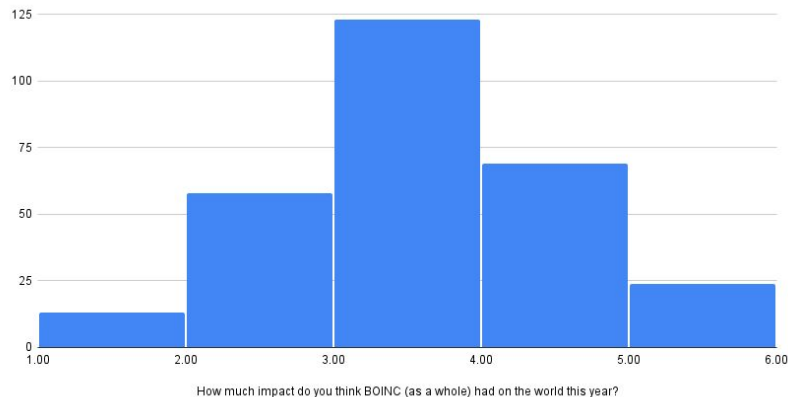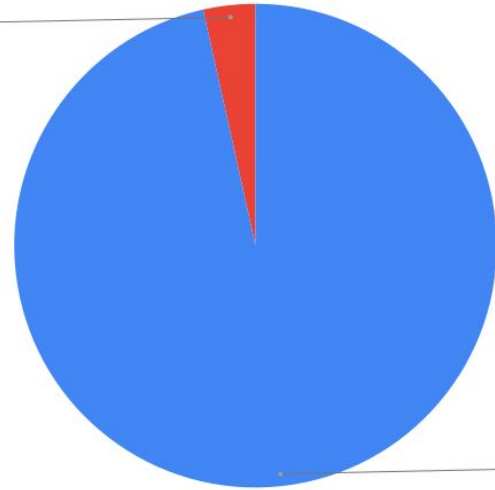
BOINC 'Churn'

- Not a lot of people stopped
- Common reasons include
  - Electricity cost
  - Work

Count of Have you stopped using BOINC?
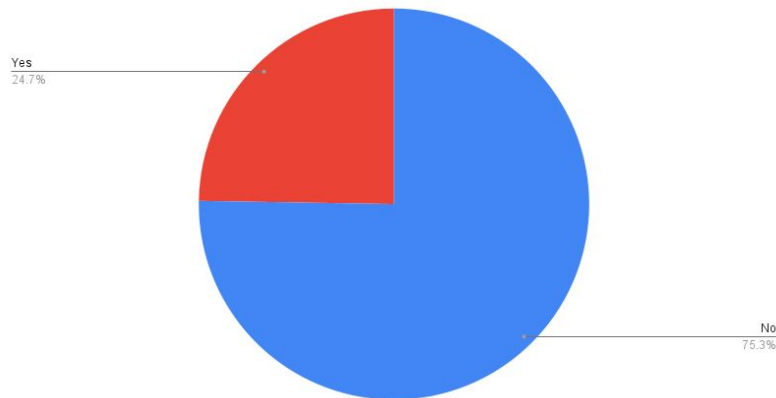
Yes
3.5%

No
96.5%

Seasonality

- I wanted to see if there is a popular pattern of stopping crunching mid-way through the year

- Most respondents who did cited their local climate

Yes
24.7%

No
75.3%

Count of Why do you stop running BOINC during this period?

Climate (too hot during
1.4%

Stromkosten
1.4%

Forget about it or lose interest
1.4%

Holidays/travel
5.6%

Power bill
1.4%

Lost interest
1.4%

Hardware limitation
1.4%

Not worth it
1.4%

Employment
9.9%

Comouters down or problem
1.4%

Climate (too hot during
54.9%
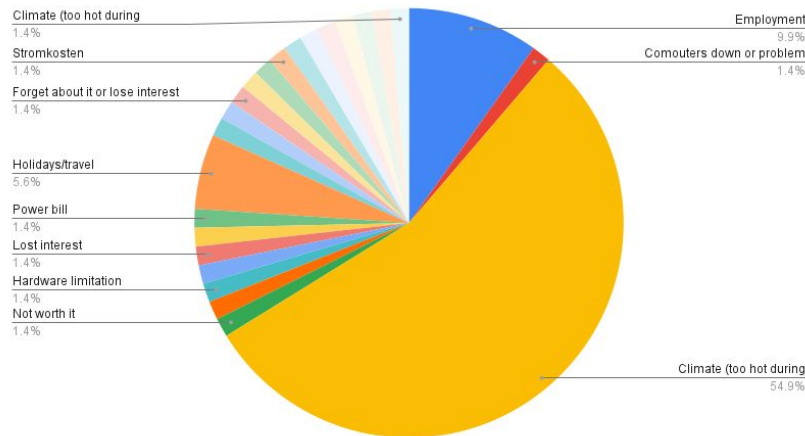
BOINC on Mobile Usage

- Usually collect whether or not mobile devices are being used

- This time we asked why you weren't using mobile

Count of What's the main reason why you don't run BOINC on mobile?

Didn't know that was posible
0.5%

I don't know how to set it up
0.9%

I have run it on mobile, but not
0.5%

Loss of power.
0.5%

I don't have any mobile devices
3.2%

My favorite project does not
5.0%

I don't know if my favorite
1.8%

I didn't know there was a
13.5%

I don't have any mobile devices
8.6%

I don't want to damage my
49.1%
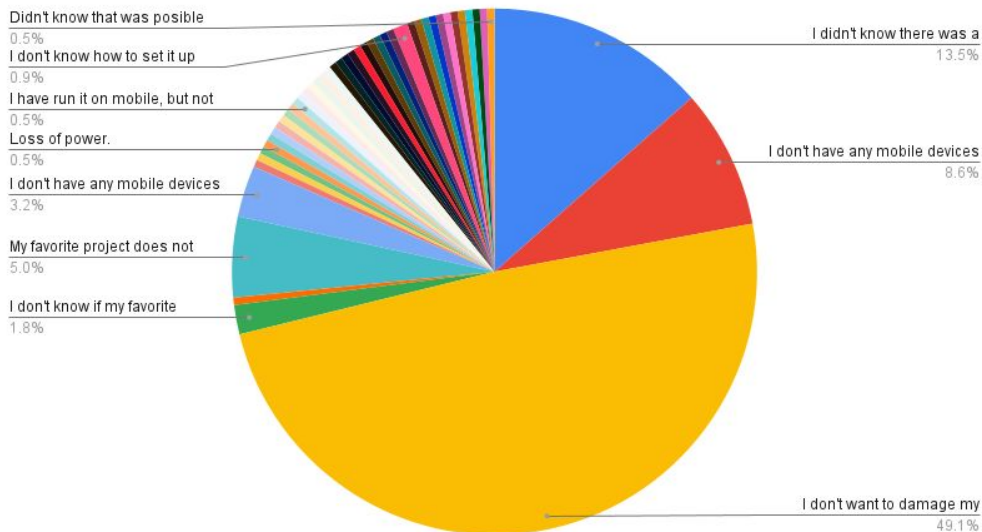
A bit of fun - Deadlines

- I thought it would be interesting to ask the ideal deadline for a work unit

- Results show 1-2 weeks is preferable

Count of If you could choose, what deadline would you prefer for your BOINC work units?

3 months
2.1%

Less than 1 day
8.0%

2 weeks
23.7%

1 month
10.8%

1 day
11.5%

1 week
42.2%
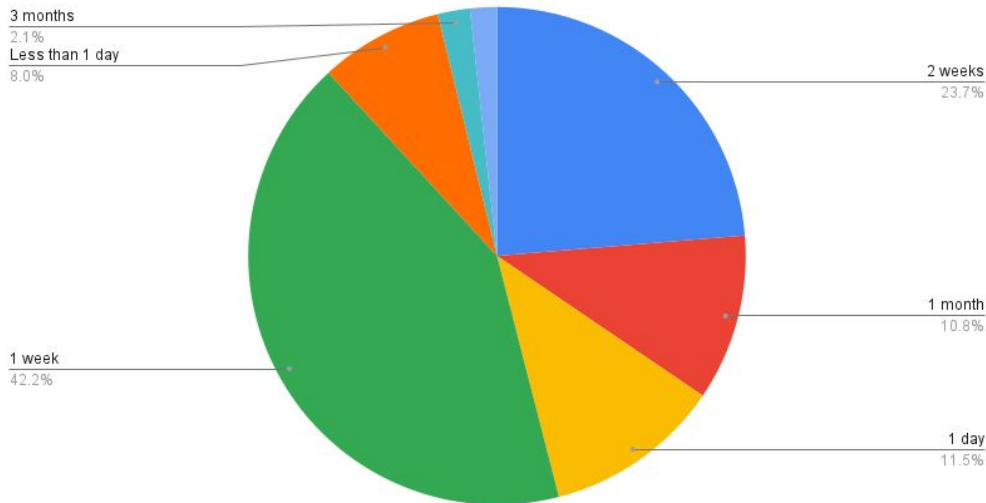
Eager for competition?

- The community seems to like the idea of BOINC competitions
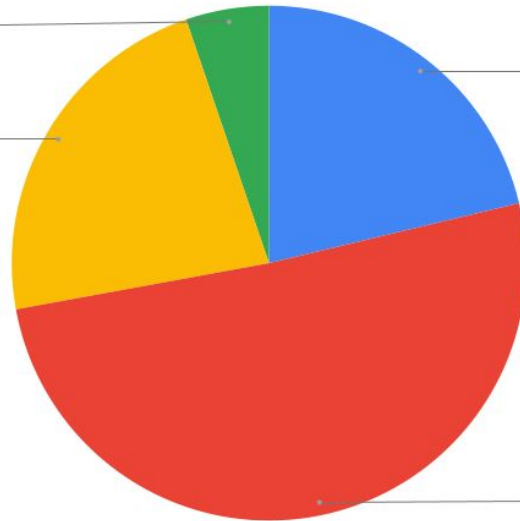
- People don't care if there's a prize or not

Count of Are you interested in participating in an online, BOINC-related competition?

Only if there is a small prize
5.2%

No
22.6%

I'm happy to watch but not
21.3%

Yes! I don't care if there is a
50.9%

boincgames.com

Speed Skating Championship starts in:
01 Days 22 Hrs 57 Min 27 Sec

This site is in BETA stages.

Get Started Now

Season 2025 Results

Position	Team	Points
1	TeAm AnandTech	9420.2
2	Planet 3DNow!	9007.9
3	Ukraine	8122.7
4	Rechenkraft.net	8036.5
	[H]ard|OCP	7582.9

BETA TESTING PHASE
What is BOINC Games?

BOINC Games is a year around BOINC competition. Aiming to keep BOINC fun and insteresting for all involved.

Marathons: A competition that lasts all year long. Each marathon is broken down into 4 quarters. The leader in the first quarter will keep the points as final points. If a project shuts down then that marathon project will not be included in the

Some ideas...

- People seem to want a new BOINC project or a UI/UX design

- Some others:
  - Better comms
  - More project info
  - More WU reliability

Count of What would you like to see happen to BOINC next year?

BOINC itself: Complete re-
0.3%

A new event (other than a
1.0%

A BOINC newsletter
7.0%

A new marathon
1.0%

A new project to crunch
38.3%

A new screensaver
5.9%

Support for IOS mobile devices
5.2%

A better user interface for the
28.9%
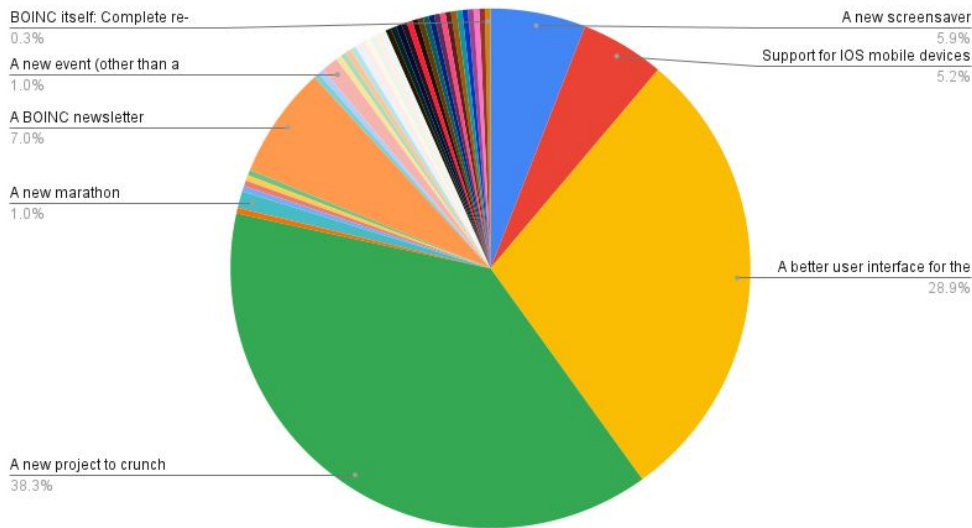
How to get more computer power

- Biggest negative factor to crunching within our power to change is to create a more reliable supply of work units

- A few people did mention less impact on other apps on their computer

- Electricity cost is the biggest and most obvious culprit

Count of What is one thing that would get you to run BOINC more?

Replacement for BAM since it
0.3%
Compatibility with newer
0.7%
More events/marathons
2.8%
Compatibility with older devices
5.2%

Colder climate
7.0%

Automated installation onto lots
1.7%

Cheaper electricity prices
36.2%

N/A
11.5%

Ability to run BOINC on
4.9%

Less impact on performance
7.0%

More reliable supply of work
13.2%
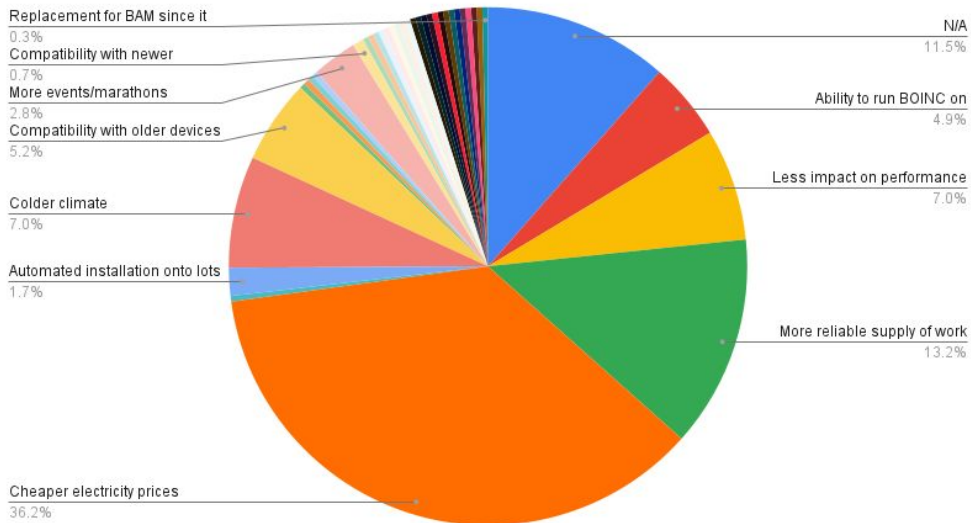
Why do you use BOINC?

- A passion for science and contributing to scientific research

- Finding a use for old hardware

- Couple mentions of finding community

- Heating the home in winter!

Highlights in 2024?

Nobel prize
David Baker
(Rosetta@home)

Found my first
prime!

More discoveries!

New releases
(Thank you devs!)

What do you want to see in BOINC?

- Fine-tuned resource management

- It's hard to troubleshoot

- It's hard managing multiple devices

- New projects/AI projects

- Setting up a project is hard

- Newsletter?

- The UI/UX is outdated

- Better stats from within the manager

- Needs to be easier to use for beginners

- More social media comms

- Presence on Bluesky

- BOINC merchandise?