# Usage Statistics for the CPU and GPU Clusters in taki: January 2019 to August 2023

Total GPU and CPU availability per month (assuming 30 days/month):

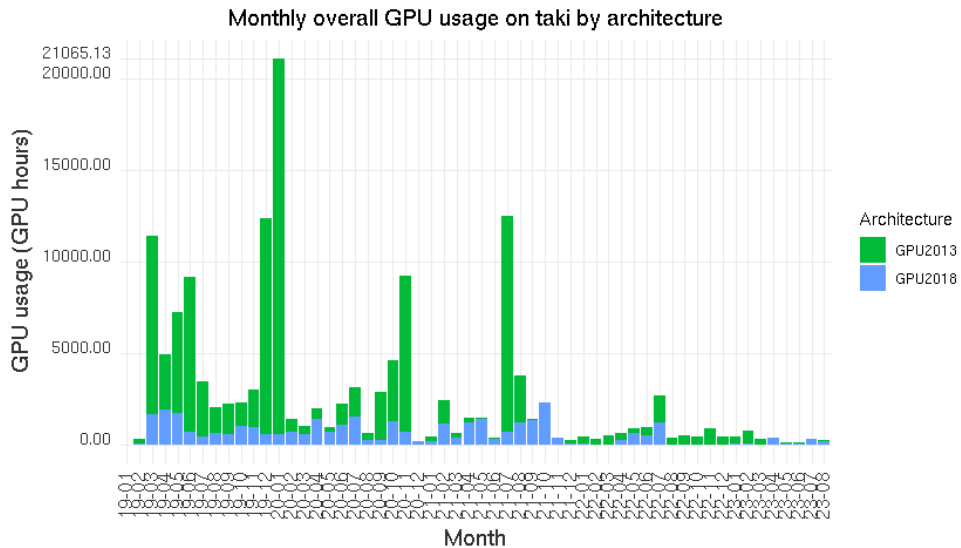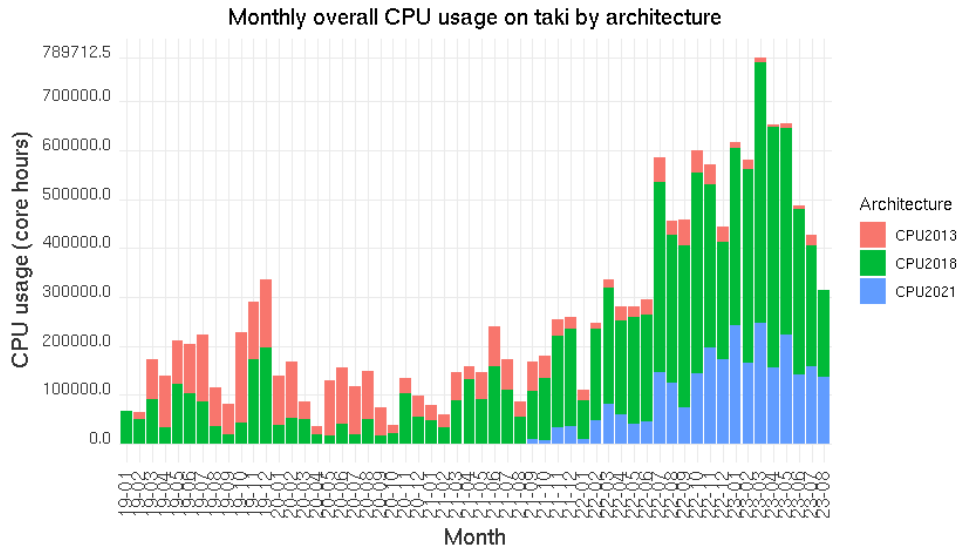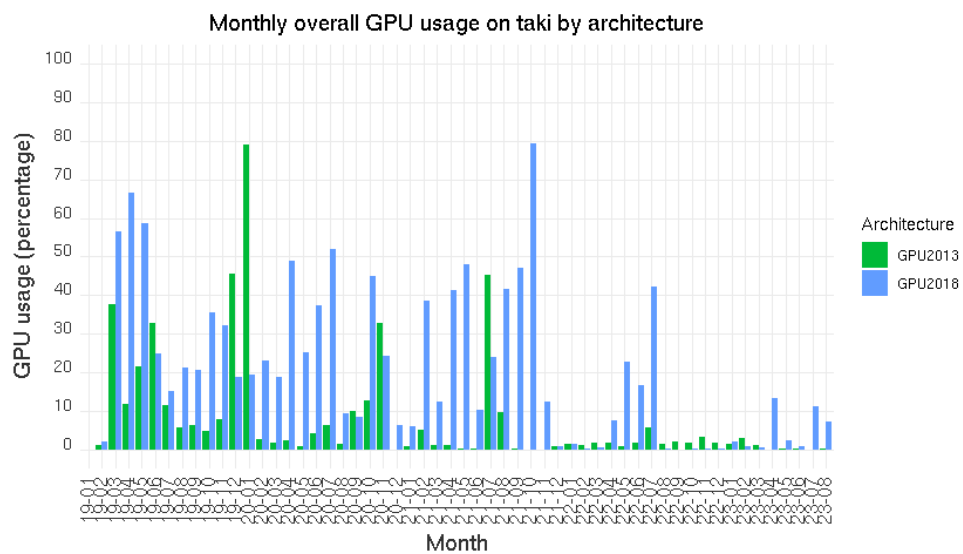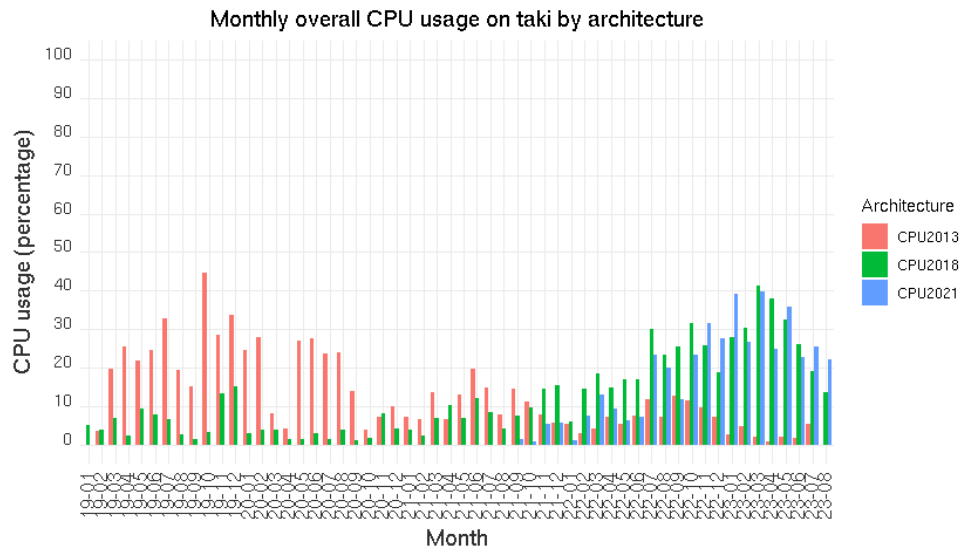| Platform: | numnodes × numcores × hours × days = total |
| --- | --- |
| CPU2013: | $36 \times 16 \times 24 \times 30 = 414720$ |
| CPU2018: | $50 \times 36 \times 24 \times 30 = 1296000$ |
| CPU2021: | $18 \times 48 \times 24 \times 30 = 622080$ |
| GPU2013: | $18 \times 2 \times 24 \times 30 = 25920$ |
| GPU2018: | $1 \times 4 \times 24 \times 30 = 2880$ |
| CPU total: | 2332800 |
| GPU total: | 28800 |
| Active CPU user groups: | 77 |
| Active GPU user groups: | 29 |

Note: Active groups are defined as groups which have non-zero usage since January 2019.
Groups include support, student, hpcreu, cybertrain, and doit.



Monthly overall CPU usage on taki by architecture



Monthly overall GPU usage on taki by architecture

Monthly overall CPU usage on taki by architecture



Monthly overall GPU usage on taki by architecture

Monthly CPU usage on taki by architecture



Monthly GPU usage on taki by architecture

Monthly CPU usage on taki by PI group



Monthly GPU usage on taki by PI group

Monthly usage for the 2013 CPU nodes on taki by PI group



Monthly usage for the 2018 CPU nodes on taki by PI group



Monthly usage for the 2021 CPU nodes on taki by PI group

Monthly usage for the 2013 GPU nodes on taki by PI group



Monthly usage for the 2018 GPU nodes on taki by PI group