# Monthly Reporting

## Report from 01 October 2021 to 31 October 2021

### Report for Resource Pool Archer2 on archer2-4c

A total of 762,880 CUs were available during this period.

### Use and Allocations (by Project)

In the following table, Charged refers to usage which was charged against the project Allocation; whereas Used refers to usage including uncharged time. Uncharged time can arise from use of the Low Priority queue and/or during times when charging is disabled on the service.

The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend profile of the total Allocation. If the usage for a project is not linear across the full Allocation period the the Use can be larger than the extrapolated Allocation.
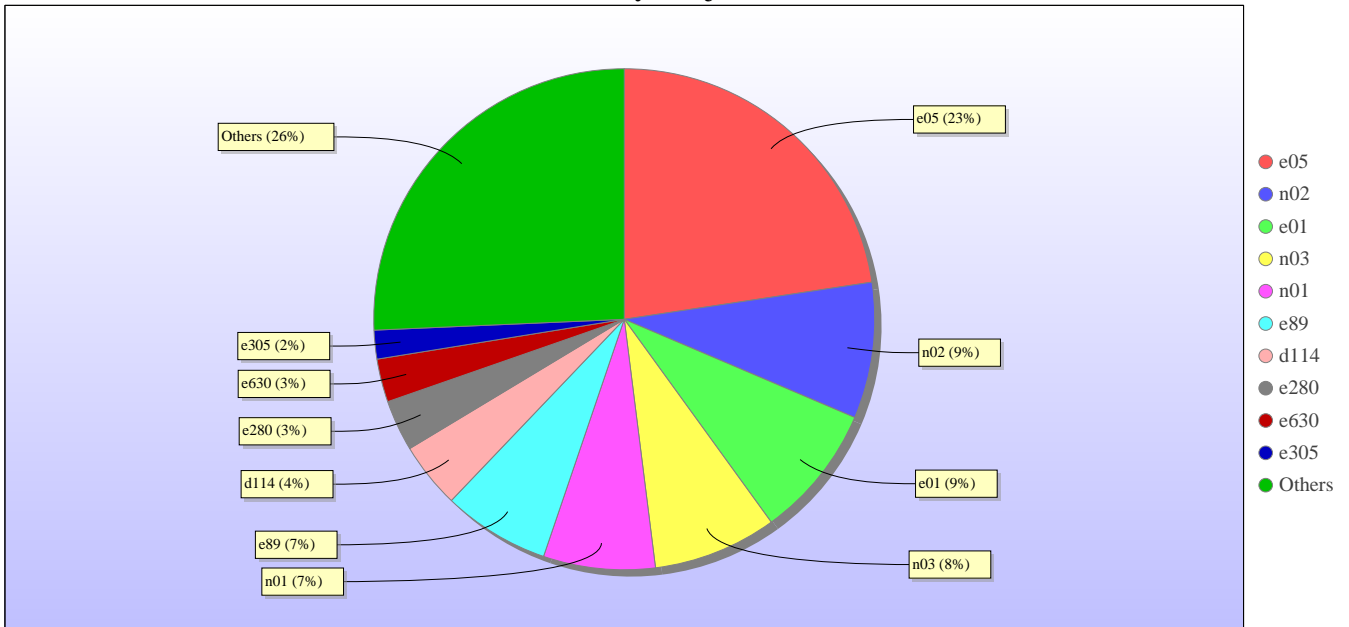
| Project | Project Class | Number of Jobs | Charged CUs | Charged Utilisation | Used CUs | Utilisation | Allocated CUs | Allocation |
|---|---|---|---|---|---|---|---|---|
| e683 | Pioneer Projects | 59 | 1,800.4 | 0.24% | 1,800.4 | 0.24% | 9,390.1 | 1.23% |
| e685 | Pioneer Projects | 172 | 11,715.4 | 1.54% | 11,716.7 | 1.54% | 24,948.3 | 3.27% |
| e686 | Pioneer Projects | 74 | 83.8 | 0.01% | 83.8 | 0.01% | 112.9 | 0.01% |
| e687 | Pioneer Projects | 10 | 18.7 | 0.00% | 18.7 | 0.00% | 337.3 | 0.04% |
| e688 | Pioneer Projects | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1,686.7 | 0.22% |
| e689 | Pioneer Projects | 10 | 0.1 | 0.00% | 0.1 | 0.00% | 33.7 | 0.00% |
| e690 | Pioneer Projects | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 33.7 | 0.00% |
| e691 | Pioneer Projects | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 33.7 | 0.00% |
| e692 | Pioneer Projects | 33 | 631.9 | 0.08% | 631.9 | 0.08% | 84.3 | 0.01% |
| e693 | Pioneer Projects | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 50.5 | 0.01% |
| E635 | Class1a | 125 | 23.5 | 0.00% | 23.5 | 0.00% | 3,356.8 | 0.44% |
| c01 | Class1a | 915 | 7,168.2 | 0.94% | 7,247.2 | 0.95% | 31,690.3 | 4.15% |
| e348 | Class1a | 328 | 2,867.5 | 0.38% | 2,871.3 | 0.38% | 3,739.1 | 0.49% |
| e432 | Class1a | 28 | 232.5 | 0.03% | 232.5 | 0.03% | 5,256.5 | 0.69% |
| e448 | Class1a | 213 | 2,298.9 | 0.30% | 2,298.9 | 0.30% | 12,122.0 | 1.59% |
| e558 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 0.3 | 0.00% |
| e569 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 2,589.9 | 0.34% |
| e572 | Class1a | 62 | 1.4 | 0.00% | 1.4 | 0.00% | 1,999.7 | 0.26% |
| e575 | Class1a | 69 | 312.1 | 0.04% | 312.1 | 0.04% | 2,927.9 | 0.38% |
| e607 | Class1a | 249 | 11,474.3 | 1.50% | 11,474.3 | 1.50% | 10,030.6 | 1.31% |
| e609 | Class1a | 83 | 558.8 | 0.07% | 558.8 | 0.07% | 1,128.6 | 0.15% |
| e613 | Class1a | 45 | 2,325.9 | 0.30% | 2,325.9 | 0.30% | 835.8 | 0.11% |
| e630 | Class1a | 35 | 18,169.9 | 2.38% | 18,169.9 | 2.38% | 34,181.8 | 4.48% |
| e637 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1,678.4 | 0.22% |
| e642 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 4,843.0 | 0.63% |
| e643 | Class1a | 800 | 5,965.5 | 0.78% | 5,965.5 | 0.78% | 4,785.3 | 0.63% |
| e645 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 2,709.5 | 0.36% |
| e647 | Class1a | 643 | 832.0 | 0.11% | 832.0 | 0.11% | 9,367.5 | 1.23% |
| e648 | Class1a | 163 | 613.2 | 0.08% | 613.2 | 0.08% | 1,616.1 | 0.21% |
| e649 | Class1a | 156 | 7,713.1 | 1.01% | 7,713.1 | 1.01% | 6,127.9 | 0.80% |
| e651 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1,346.1 | 0.18% |
| e655 | Class1a | 151 | 4,653.0 | 0.61% | 4,653.0 | 0.61% | 4,700.3 | 0.62% |

| Project | Project Class | Number of Jobs | Charged CUs | Charged Utilisation | Used CUs | Utilisation | Allocated CUs | Allocation |
|---|---|---|---|---|---|---|---|---|
| e663 | Class1a | 668 | 4,279.0 | 0.56% | 4,279.0 | 0.56% | 2,797.4 | 0.37% |
| e664 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 895.2 | 0.12% |
| e667 | Class1a | 63 | 1,087.7 | 0.14% | 1,087.7 | 0.14% | 2,170.1 | 0.28% |
| e668 | Class1a | 12 | 158.5 | 0.02% | 158.5 | 0.02% | 1,446.7 | 0.19% |
| e681 | Class1a | 12 | 0.0 | 0.00% | 0.0 | 0.00% | 595.9 | 0.08% |
| e682 | Class1a | 178 | 1,446.5 | 0.19% | 1,449.0 | 0.19% | 2,457.6 | 0.32% |
| e684 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 756.8 | 0.10% |
| e694 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1,898.0 | 0.25% |
| e696 | Class1a | 43 | 484.4 | 0.06% | 484.4 | 0.06% | 298.5 | 0.04% |
| e697 | Class1a | 214 | 10,218.2 | 1.34% | 10,304.5 | 1.35% | 2,939.0 | 0.39% |
| e700 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 409.7 | 0.05% |
| e701 | Class1a | 48 | 1,454.5 | 0.19% | 1,454.5 | 0.19% | 2,073.3 | 0.27% |
| e702 | Class1a | 113 | 1,820.6 | 0.24% | 1,820.6 | 0.24% | 1,001.5 | 0.13% |
| e707 | Class1a | 70 | 6,527.4 | 0.86% | 7,001.7 | 0.92% | 4,612.0 | 0.60% |
| e708 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1,481.4 | 0.19% |
| e710 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 904.1 | 0.12% |
| e712 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 50.9 | 0.01% |
| e721 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 520.0 | 0.07% |
| e6337 | Class1a | 9 | 1,530.5 | 0.20% | 1,530.5 | 0.20% | 2,551.2 | 0.33% |
| ec110 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1.1 | 0.00% |
| e01 | Consortia | 2,463 | 55,243.4 | 7.24% | 56,104.3 | 7.35% | 51,801.0 | 6.79% |
| e05 | Consortia | 12,295 | 140,594.8 | 18.43% | 147,491.8 | 19.33% | 197,736.9 | 25.92% |
| e89 | Consortia | 13,357 | 44,617.9 | 5.85% | 44,995.2 | 5.90% | 157,553.8 | 20.65% |
| e280 | Consortia | 328 | 21,470.5 | 2.81% | 21,470.5 | 2.81% | 26,744.3 | 3.51% |
| e281 | Consortia | 711 | 4,517.6 | 0.59% | 5,944.0 | 0.78% | 11,102.0 | 1.46% |
| e283 | Consortia | 1,499 | 6,931.4 | 0.91% | 6,973.5 | 0.91% | 12,469.8 | 1.63% |
| e305 | Consortia | 535 | 12,092.8 | 1.59% | 12,092.8 | 1.59% | 21,460.7 | 2.81% |
| e585 | Consortia | 713 | 5,957.4 | 0.78% | 5,957.4 | 0.78% | 44,504.7 | 5.83% |
| e669 | Pump Priming | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 81.1 | 0.01% |
| e698 | Pump Priming | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 101.3 | 0.01% |
| e699 | Pump Priming | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 101.8 | 0.01% |
| e703 | Pump Priming | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 116.0 | 0.02% |
| e704 | Pump Priming | 25 | 3.3 | 0.00% | 3.3 | 0.00% | 72.6 | 0.01% |
| e709 | Pump Priming | 23 | 159.3 | 0.02% | 159.3 | 0.02% | 115.5 | 0.02% |
| e711 | Pump Priming | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 133.6 | 0.02% |
| e718 | Pump Priming | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 130.3 | 0.02% |
| e719 | Pump Priming | 20 | 27.8 | 0.00% | 27.8 | 0.00% | 137.2 | 0.02% |
| e722 | Pump Priming | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 52.9 | 0.01% |
| ta021 | Training | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 64.0 | 0.01% |
| ta026 | Training | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 63.6 | 0.01% |
| ta027 | Training | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 85.0 | 0.01% |
| ta035 | Training | 4 | 157.4 | 0.02% | 157.4 | 0.02% | 0.0 | 0.00% |
| ta036 | Training | 544 | 0.8 | 0.00% | 0.8 | 0.00% | 13.1 | 0.00% |
| ta037 | Training | 159 | 0.5 | 0.00% | 0.5 | 0.00% | 63.7 | 0.01% |
| ta038 | Training | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 63.7 | 0.01% |
| ta041 | Training | 139 | 1.9 | 0.00% | 1.9 | 0.00% | 9.5 | 0.00% |
| ta042 | Training | 410 | 923.0 | 0.12% | 923.0 | 0.12% | 477.3 | 0.06% |
| ta043 | Training | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 295.5 | 0.04% |
| e507 | Access to HPC | 20 | 24.4 | 0.00% | 24.4 | 0.00% | 2,358.8 | 0.31% |
| e596 | Access to HPC | 1 | 0.1 | 0.00% | 0.1 | 0.00% | 650.5 | 0.09% |
| e632 | Access to HPC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 4,875.6 | 0.64% |
| e672 | Access to HPC | 771 | 4,024.6 | 0.53% | 4,024.6 | 0.53% | 2,297.0 | 0.30% |
| e673 | Access to HPC | 79 | 599.8 | 0.08% | 599.8 | 0.08% | 4,514.5 | 0.59% |
| e674 | Access to HPC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 2,198.0 | 0.29% |
| e675 | Access to HPC | 356 | 6,166.9 | 0.81% | 6,166.9 | 0.81% | 11,918.2 | 1.56% |
| e676 | Access to HPC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 3,457.1 | 0.45% |
| e677 | Access to HPC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 7.3 | 0.00% |
| e678 | Access to HPC | 128 | 1,059.6 | 0.14% | 1,059.6 | 0.14% | 812.6 | 0.11% |
| e679 | Access to HPC | 130 | 860.9 | 0.11% | 860.9 | 0.11% | 3,250.4 | 0.43% |
| e680 | Access to HPC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 3,385.9 | 0.44% |
| e705 | Access to HPC | 68 | 1,066.7 | 0.14% | 1,066.7 | 0.14% | 3,721.0 | 0.49% |
| EPSRC Total | | 40,631 | 414,970.3 | 54.40% | 425,221.1 | 55.74% | 782,603.0 | 102.59% |
| n01 | Consortia | 2,325 | 47,013.0 | 6.16% | 47,013.0 | 6.16% | 154,187.8 | 20.21% |

| Project | Project Class | Number of Jobs | Charged CUs | Charged Utilisation | Used CUs | Utilisation | Allocated CUs | Allocation |
|---|---|---|---|---|---|---|---|---|
| n02 | Consortia | 19,496 | 55,962.9 | 7.34% | 57,217.0 | 7.50% | 439,856.2 | 57.66% |
| n03 | Consortia | 3,088 | 52,061.5 | 6.82% | 52,061.7 | 6.82% | 112,515.4 | 14.75% |
| NERC Total | | 24,909 | 155,037.4 | 20.32% | 156,291.7 | 20.49% | 706,559.4 | 92.62% |
| e621 | Class1a | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 2,158.9 | 0.28% |
| BBSRC Total | | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 2,158.9 | 0.28% |
| pr1u0001 | DECI: EXEC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 8.6 | 0.00% |
| pr1u1651 | DECI: EXEC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 802.3 | 0.11% |
| pr1u1652 | DECI: EXEC | 10 | 465.1 | 0.06% | 465.1 | 0.06% | 1,812.9 | 0.24% |
| pr1u1653 | DECI: EXEC | 73 | 10,901.2 | 1.43% | 10,901.2 | 1.43% | 5,759.3 | 0.75% |
| pr1u1654 | DECI: EXEC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 676.0 | 0.09% |
| pr1u1655 | DECI: EXEC | 11 | 32.3 | 0.00% | 32.3 | 0.00% | 4,239.4 | 0.56% |
| pr1u1656 | DECI: EXEC | 1,816 | 3,624.2 | 0.48% | 3,624.2 | 0.48% | 3,223.4 | 0.42% |
| pr1u1657 | DECI: EXEC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 532.9 | 0.07% |
| pr1u1658 | DECI: EXEC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 2,241.0 | 0.29% |
| pr1u1659 | DECI: EXEC | 775 | 1,902.8 | 0.25% | 1,902.8 | 0.25% | 1,583.9 | 0.21% |
| pr1u1751 | DECI: EXEC | 66 | 35.4 | 0.00% | 35.4 | 0.00% | 1,623.8 | 0.21% |
| pr1u1752 | DECI: EXEC | 34 | 464.5 | 0.06% | 482.3 | 0.06% | 1,929.7 | 0.25% |
| pr1u1753 | DECI: EXEC | 17 | 116.4 | 0.02% | 116.4 | 0.02% | 2,292.5 | 0.30% |
| pr1u1754 | DECI: EXEC | 361 | 3,979.6 | 0.52% | 4,016.9 | 0.53% | 2,653.3 | 0.35% |
| pr1u1755 | DECI: EXEC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1,736.7 | 0.23% |
| pr1u1756 | DECI: EXEC | 35 | 52.6 | 0.01% | 52.6 | 0.01% | 4,094.5 | 0.54% |
| pr1u1757 | DECI: EXEC | 6 | 1.8 | 0.00% | 1.8 | 0.00% | 918.0 | 0.12% |
| pr1u1758 | DECI: EXEC | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 716.4 | 0.09% |
| pr1u1759 | DECI: EXEC | 40 | 226.5 | 0.03% | 226.5 | 0.03% | 1,542.8 | 0.20% |
| pr1u1760 | DECI: EXEC | 29 | 1,792.2 | 0.23% | 1,792.2 | 0.23% | 578.9 | 0.08% |
| pr1u1702 | DECI: HOME | 150 | 1,467.4 | 0.19% | 1,467.4 | 0.19% | 1,705.0 | 0.22% |
| pr1u1707 | DECI: HOME | 29 | 2.9 | 0.00% | 2.9 | 0.00% | 1,477.4 | 0.19% |
| pr1ush01 | DECI: HOME | 25 | 125.6 | 0.02% | 125.6 | 0.02% | 471.8 | 0.06% |
| pr1ushpc | DECI: HOME | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 83.0 | 0.01% |
| PRACE Total | | 3,477 | 25,190.5 | 3.30% | 25,245.6 | 3.31% | 42,703.5 | 5.60% |
| ecseaa06 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 184.6 | 0.02% |
| ecseaa09 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 92.3 | 0.01% |
| ecseaa11 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 78.7 | 0.01% |
| ecseaa12 | eCSE | 36 | 59.0 | 0.01% | 59.0 | 0.01% | 68.0 | 0.01% |
| ecseaa13 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 184.6 | 0.02% |
| ecseaa14 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 237.6 | 0.03% |
| ecseaa16 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 236.5 | 0.03% |
| ecseaa19 | eCSE | 15 | 0.0 | 0.00% | 0.0 | 0.00% | 103.0 | 0.01% |
| ecseaa20 | eCSE | 6 | 0.1 | 0.00% | 0.1 | 0.00% | 250.7 | 0.03% |
| ecseaa21 | eCSE | 24 | 20.3 | 0.00% | 20.3 | 0.00% | 68.6 | 0.01% |
| ecseaa22 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 198.1 | 0.03% |
| ecseaa26 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 126.6 | 0.02% |
| ecseaa28 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 80.3 | 0.01% |
| ecseab02 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 93.2 | 0.01% |
| ecseab03 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 150.5 | 0.02% |
| ecseab04 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 56.4 | 0.01% |
| ecseab06 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 16.4 | 0.00% |
| ecseab11 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 19.1 | 0.00% |
| ecseab12 | eCSE | 28 | 139.1 | 0.02% | 139.1 | 0.02% | 103.3 | 0.01% |
| ecseab13 | eCSE | 19 | 1.9 | 0.00% | 1.9 | 0.00% | 49.5 | 0.01% |
| ecseac02 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 57.0 | 0.01% |
| ecseac04 | eCSE | 22 | 0.3 | 0.00% | 0.3 | 0.00% | 101.6 | 0.01% |
| ecseac06 | eCSE | 254 | 69.7 | 0.01% | 69.7 | 0.01% | 78.9 | 0.01% |
| ecseac10 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 113.2 | 0.01% |
| ecsead07 | eCSE | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 66.0 | 0.01% |
| eCSE Total | | 404 | 290.5 | 0.04% | 290.5 | 0.04% | 2,814.9 | 0.37% |
| d35 | Research | 29 | 1.3 | 0.00% | 1.3 | 0.00% | 144.4 | 0.02% |
| d56 | Research | 751 | 10,416.2 | 1.37% | 10,416.2 | 1.37% | 6,207.1 | 0.81% |
| d71 | Research | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 0.3 | 0.00% |
| d114 | Research | 1,270 | 27,659.5 | 3.63% | 27,660.2 | 3.63% | 15,714.3 | 2.06% |
| d118 | Research | 152 | 38.1 | 0.00% | 38.1 | 0.00% | 793.8 | 0.10% |
| d137 | Research | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1,669.8 | 0.22% |
| d142 | Research | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1,886.4 | 0.25% |

| Project | Project Class | Number of Jobs | Charged CUs | Charged Utilisation | Used CUs | Utilisation | Allocated CUs | Allocation |
|---|---|---|---|---|---|---|---|---|
| d155 | Research | 299 | 598.9 | 0.08% | 598.9 | 0.08% | 9,037.4 | 1.18% |
| d175 | Research | 61 | 47.1 | 0.01% | 47.1 | 0.01% | 678.4 | 0.09% |
| d178 | Research | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 416.4 | 0.05% |
| d428 | Research | 9 | 432.0 | 0.06% | 432.0 | 0.06% | 69.2 | 0.01% |
| d429 | Research | 723 | 4,072.5 | 0.53% | 4,072.5 | 0.53% | 9,430.4 | 1.24% |
| d432 | Industrial | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1,248.0 | 0.16% |
| d433 | Industrial | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 179.4 | 0.02% |
| i18 | Industrial | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 2,354.3 | 0.31% |
| i21 | Industrial | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1,338.6 | 0.18% |
| i238 | Industrial | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 532.5 | 0.07% |
| i239 | Industrial | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 827.8 | 0.11% |
| x06 | Industrial | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 1.1 | 0.00% |
| d174 | Training | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 507.1 | 0.07% |
| d176 | Training | 45 | 74.0 | 0.01% | 74.0 | 0.01% | 31.6 | 0.00% |
| ta040 | Training | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 87.5 | 0.01% |
| ta044 | Training | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 103.7 | 0.01% |
| y01 | Service | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 58.9 | 0.01% |
| y02 | Service | 71 | 7.6 | 0.00% | 7.6 | 0.00% | 47.8 | 0.01% |
| y23 | Service | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 55.6 | 0.01% |
| z19 | Service | 835 | 1,265.1 | 0.17% | 1,314.8 | 0.17% | 12,719.8 | 1.67% |
| z99 | Service | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 0.6 | 0.00% |
| sc004 | UoE Access | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 11.4 | 0.00% |
| DirectorsTime Total | | 4,245 | 44,612.3 | 5.85% | 44,662.7 | 5.85% | 66,153.5 | 8.67% |
| y07 | Service | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 170.1 | 0.02% |
| z01 | Service | 0 | 0.0 | 0.00% | 0.0 | 0.00% | 78.4 | 0.01% |
| z02 | Service | 7 | 0.1 | 0.00% | 0.1 | 0.00% | 373.5 | 0.05% |
| CSE Total | | 7 | 0.1 | 0.00% | 0.1 | 0.00% | 622.0 | 0.08% |
| Total | | 73,673 | 640,101.1 | 83.91% | 651,711.7 | 85.43% | 1,603,615.2 | 210.21% |

## Use by Project

## Uncharged Use by Project



Others (1%)
e283 (0%)
z19 (0%)
c01 (1%)
e697 (1%)
e89 (3%)
e707 (4%)
e01 (7%)
n02 (11%)
e281 (12%)
e05 (59%)

- ● e05
- ● e281
- ● n02
- ● e01
- ● e707
- ● e89
- ● e697
- ● c01
- ● z19
- ● e283
- ● Others

## Jobs by Project



Others (21%)
c01 (1%)
d114 (2%)
e283 (2%)
pr1u1656 (2%)
n01 (3%)
e01 (3%)
n03 (4%)
e05 (17%)
n02 (26%)
e89 (18%)

- ● n02
- ● e89
- ● e05
- ● n03
- ● e01
- ● n01
- ● pr1u1656
- ● e283
- ● d114
- ● c01
- ● Others
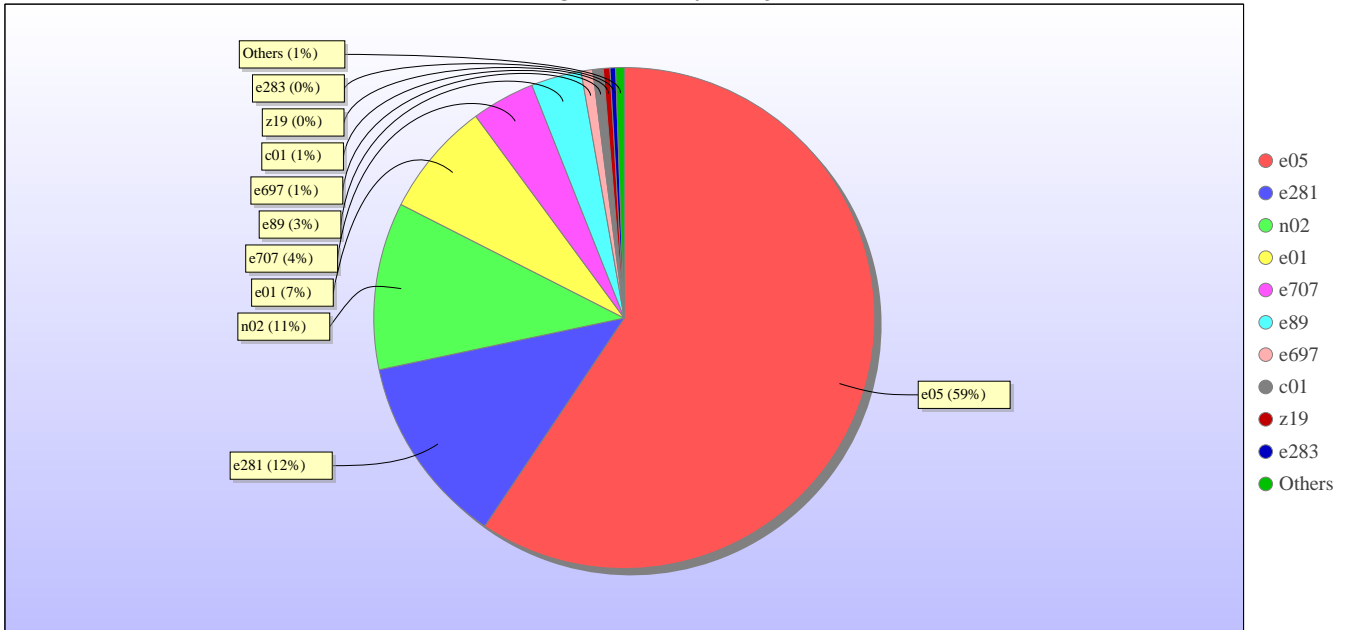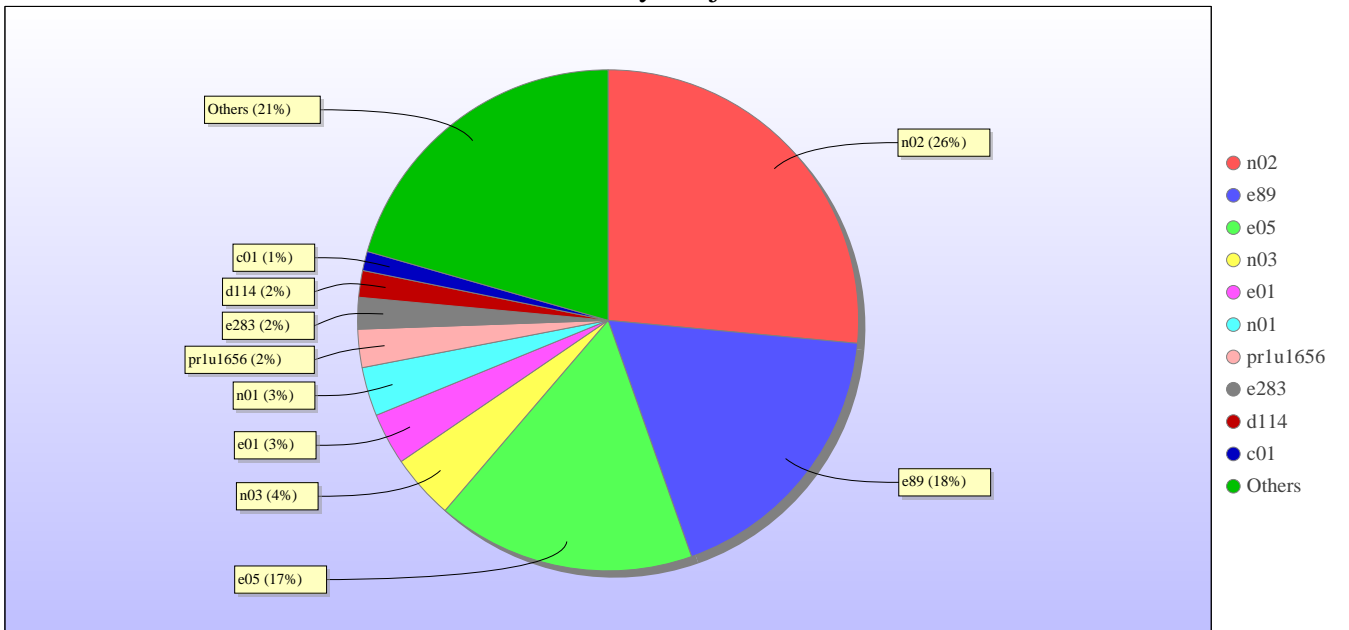
## CUs (by Size)

| Size | CUs | Number of Jobs |
|---|---|---|
| 1 | 0 | 134 |
| 2 | 0 | 13 |
| 3-4 | 0 | 16 |
| 5-8 | 0 | 42 |
| 9-16 | 0 | 11 |
| 17-32 | 0 | 33 |
| 33-64 | 0 | 128 |
| 65-128 | 0 | 625 |
| 129-256 | 65,178.691 | 41,507 |
| 257-512 | 71,311.833 | 9,884 |

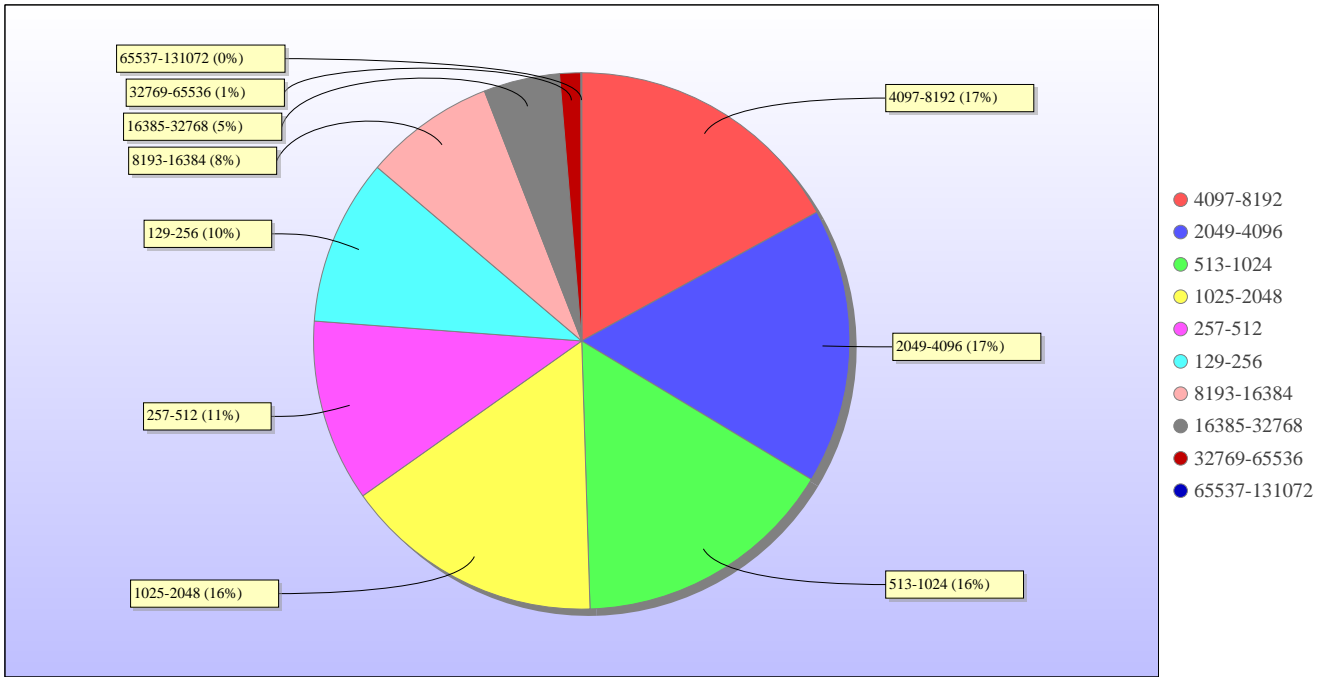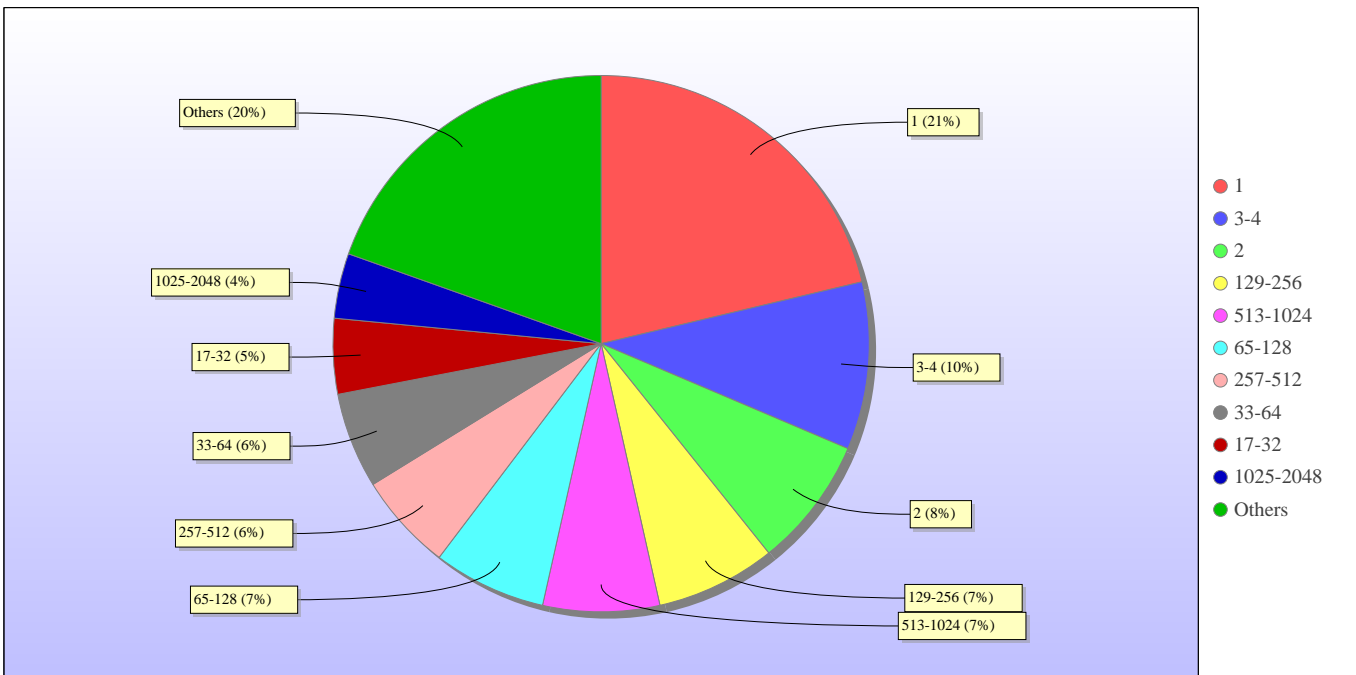| Size | CUs | Number of Jobs |
|---|---|---|
| 513-1024 | 102,716.449 | 7,954 |
| 1025-2048 | 101,520.134 | 9,564 |
| 2049-4096 | 106,007.096 | 2,043 |
| 4097-8192 | 108,795.611 | 1,068 |
| 8193-16384 | 51,024.285 | 383 |
| 16385-32768 | 27,986.063 | 230 |
| 32769-65536 | 5,241.799 | 31 |
| 65537-131072 | 319.171 | 7 |

## Load plots
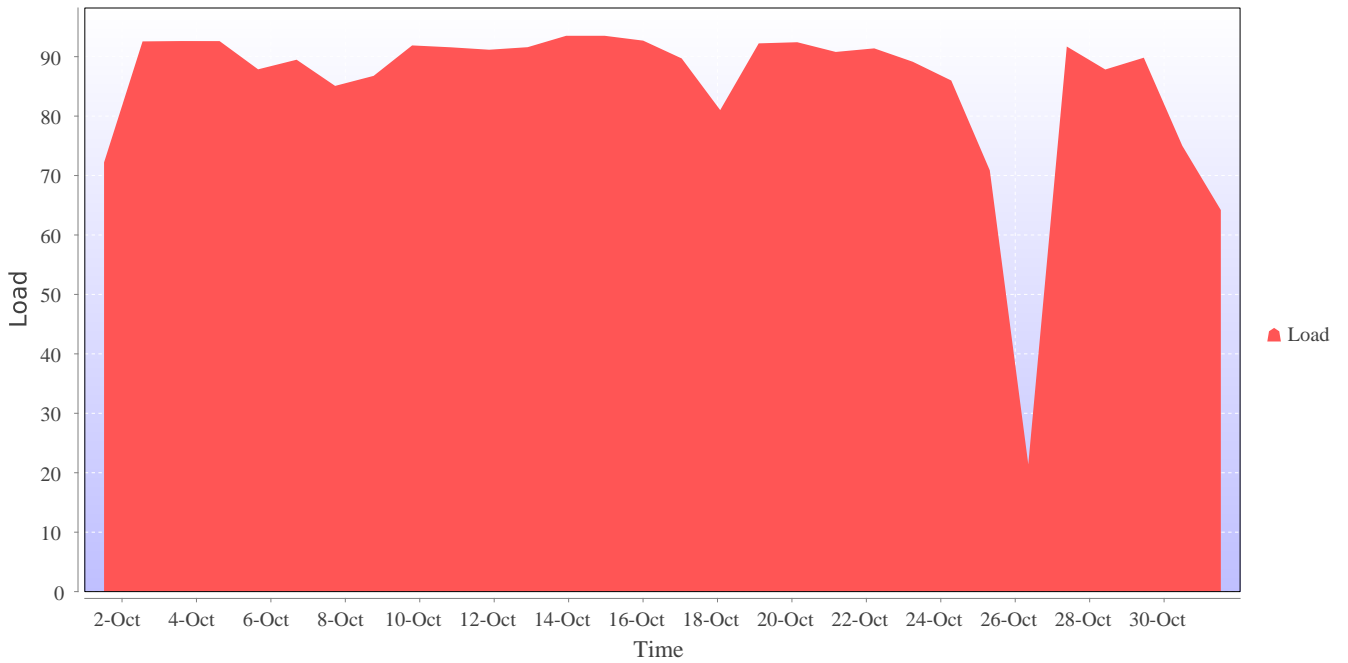


Percentage load on machine
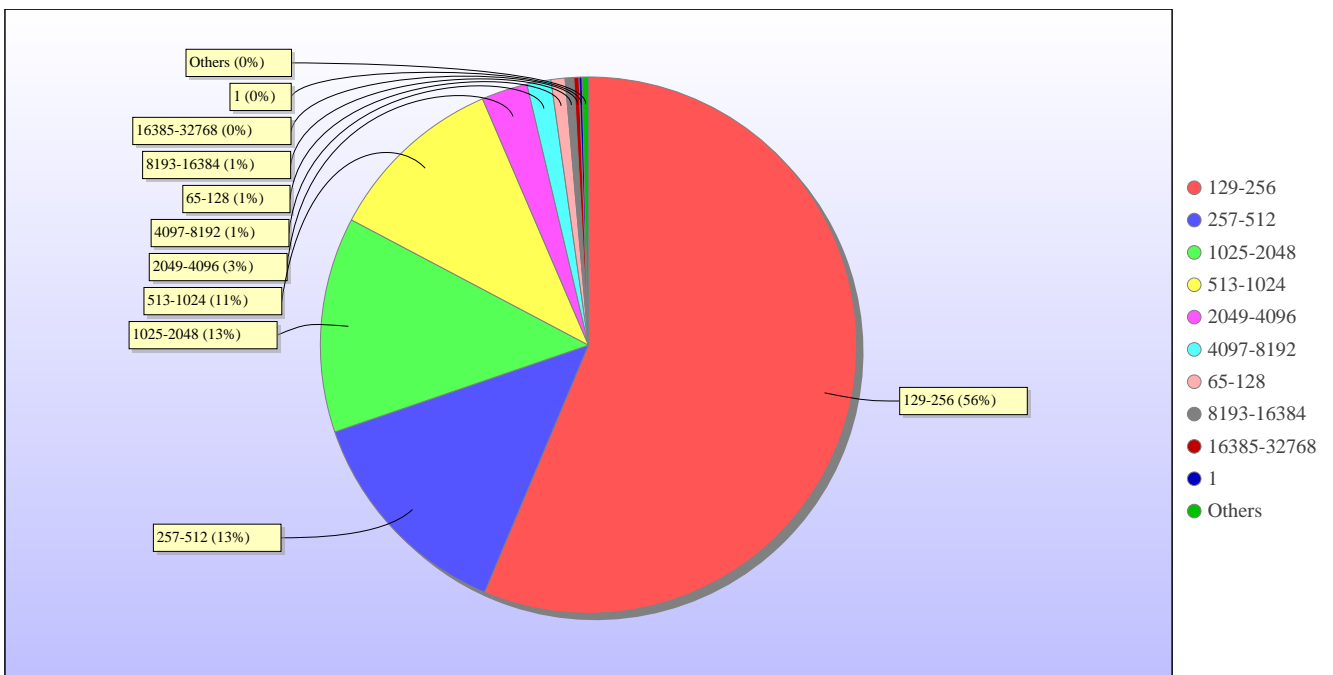


Jobs by Size

CUs used by Size

Legend:
- 4097-8192
- 2049-4096
- 513-1024
- 1025-2048
- 257-512
- 129-256
- 8193-16384
- 16385-32768
- 32769-65536
- 65537-131072

Labels:
- 65537-131072 (0%)
- 32769-65536 (1%)
- 16385-32768 (5%)
- 8193-16384 (8%)
- 129-256 (10%)
- 257-512 (11%)
- 1025-2048 (16%)
- 513-1024 (16%)
- 2049-4096 (17%)
- 4097-8192 (17%)



Jobs grouped by wall-clock-hours

Legend:
- 1
- 17-32
- 5-8
- 9-16
- 3-4
- 2
- 33-64

Labels:
- 33-64 (1%)
- 2 (2%)
- 3-4 (3%)
- 9-16 (3%)
- 5-8 (3%)
- 17-32 (4%)
- 1 (83%)
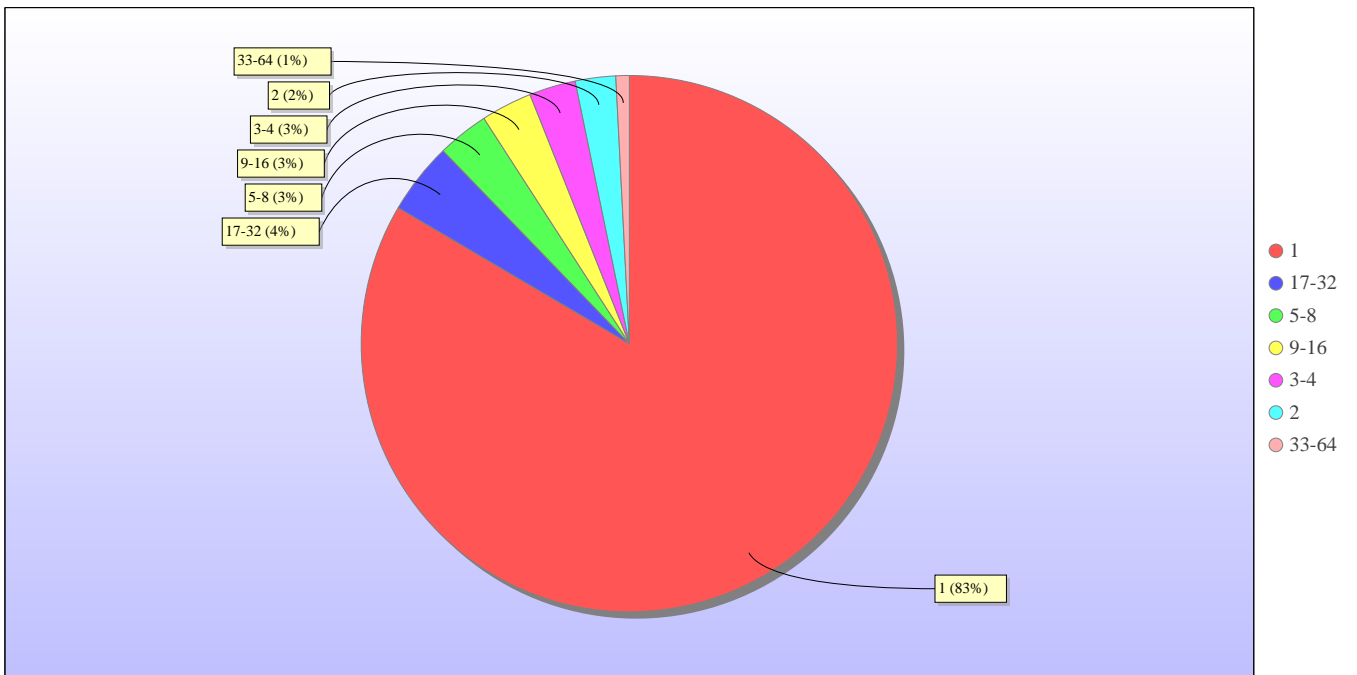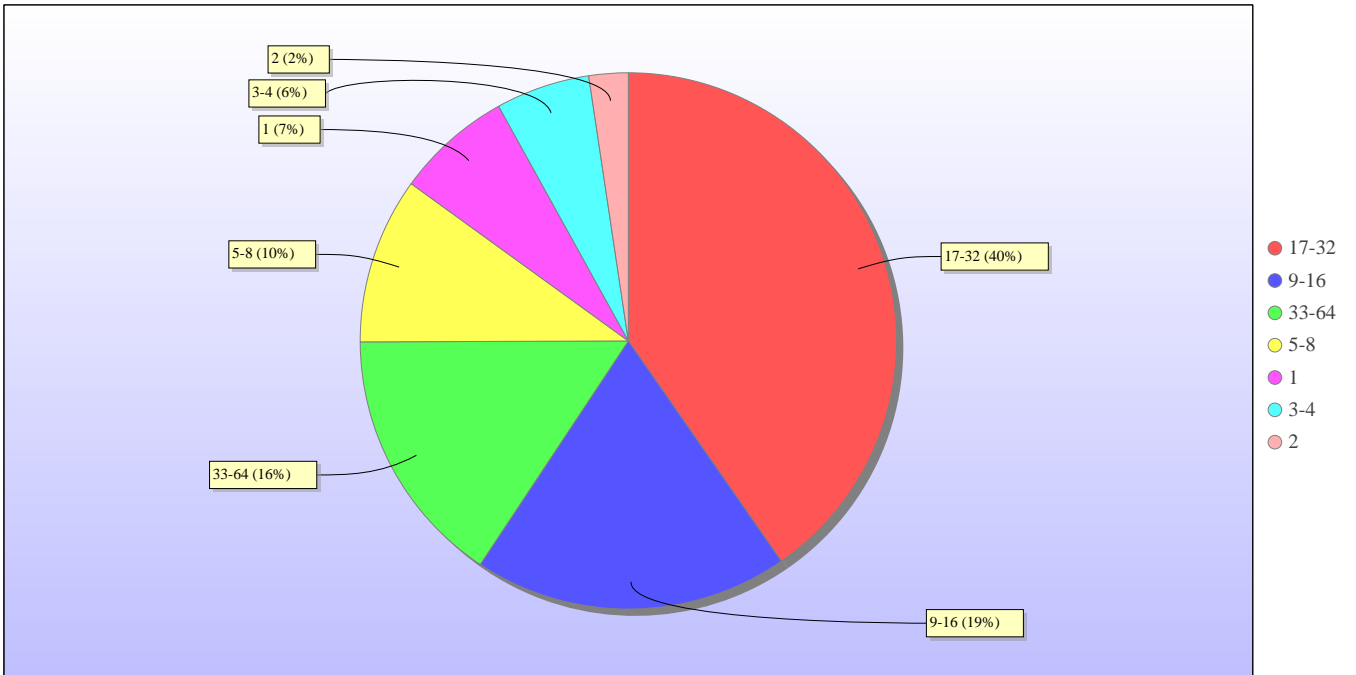
CUs used grouped by wall-clock-hours

Legend:
- 17-32
- 9-16
- 33-64
- 5-8
- 1
- 3-4
- 2

Labels:
- 2 (2%)
- 3-4 (6%)
- 1 (7%)
- 5-8 (10%)
- 33-64 (16%)
- 17-32 (40%)
- 9-16 (19%)



Jobs grouped by core-hours

Legend:
- 1
- 3-4
- 2
- 129-256
- 513-1024
- 65-128
- 257-512
- 33-64
- 17-32
- 1025-2048
- Others

Labels:
- Others (20%)
- 1025-2048 (4%)
- 17-32 (5%)
- 33-64 (6%)
- 257-512 (6%)
- 65-128 (7%)
- 513-1024 (7%)
- 129-256 (7%)
- 2 (8%)
- 3-4 (10%)
- 1 (21%)
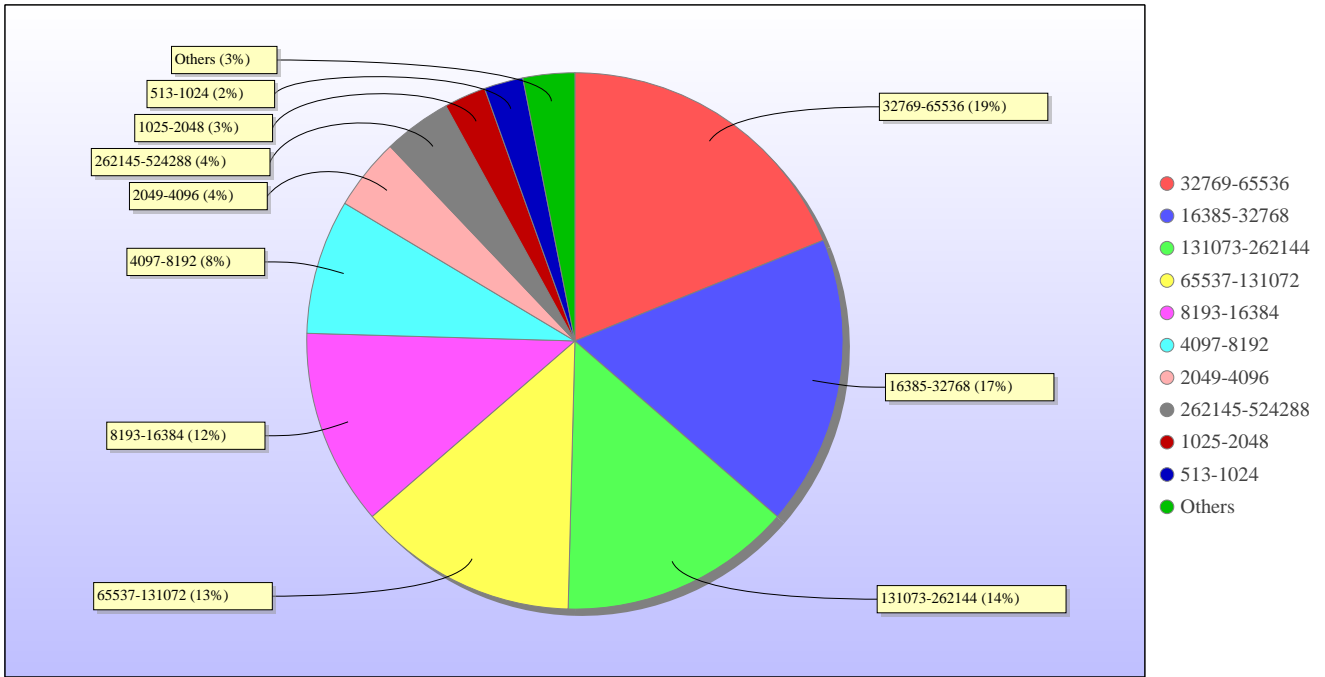
CUs used grouped by core-hours

Legend:
- 32769-65536
- 16385-32768
- 131073-262144
- 65537-131072
- 8193-16384
- 4097-8192
- 2049-4096
- 262145-524288
- 1025-2048
- 513-1024
- Others

Labels:
- Others (3%)
- 513-1024 (2%)
- 1025-2048 (3%)
- 262145-524288 (4%)
- 2049-4096 (4%)
- 4097-8192 (8%)
- 8193-16384 (12%)
- 65537-131072 (13%)
- 131073-262144 (14%)
- 16385-32768 (17%)
- 32769-65536 (19%)

# Disk usage
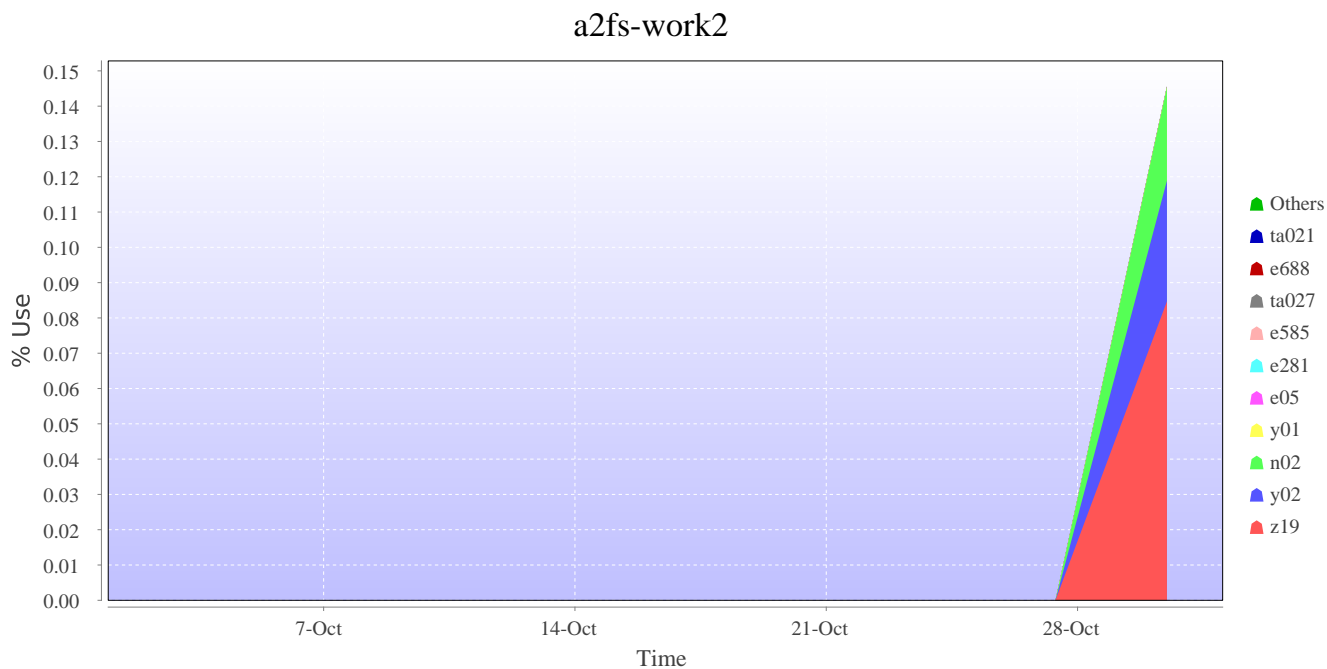
## Disk usage for home ( a2fs-home1 )

This is a plot of Disk Use on a2fs-home1 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.
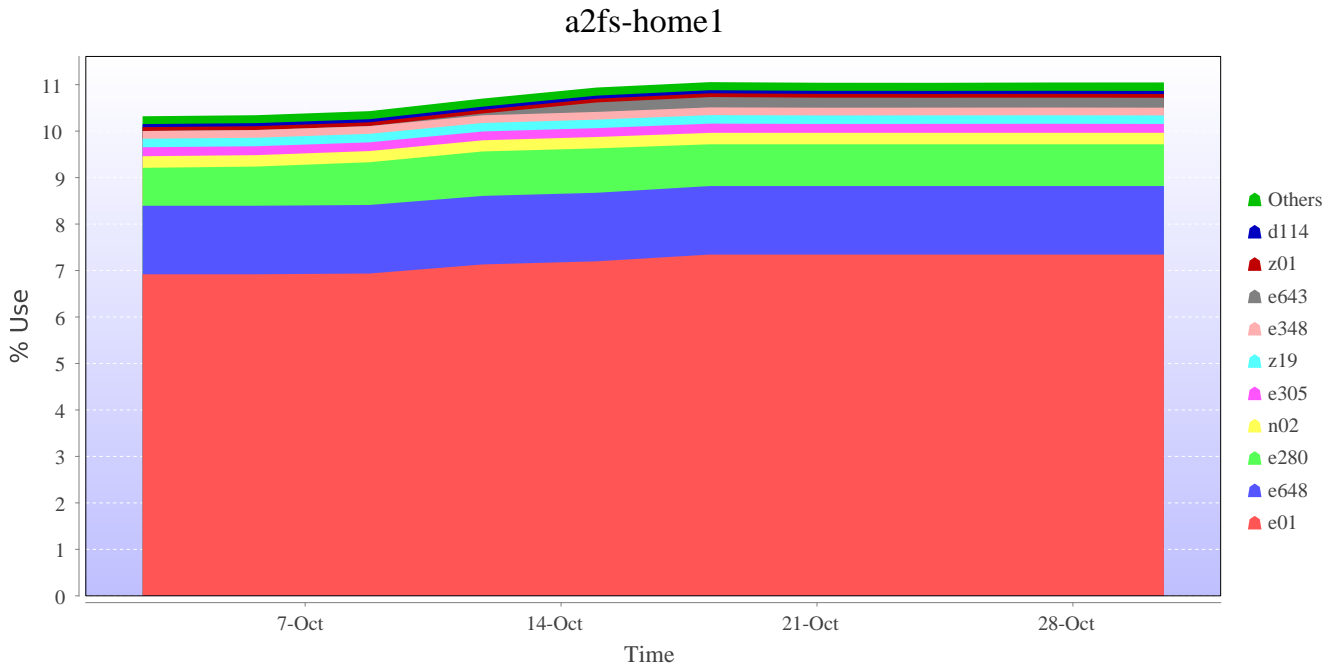

a2fs-home1

## Disk usage for home ( a2fs-home2 )

This is a plot of Disk Use on a2fs-home2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.
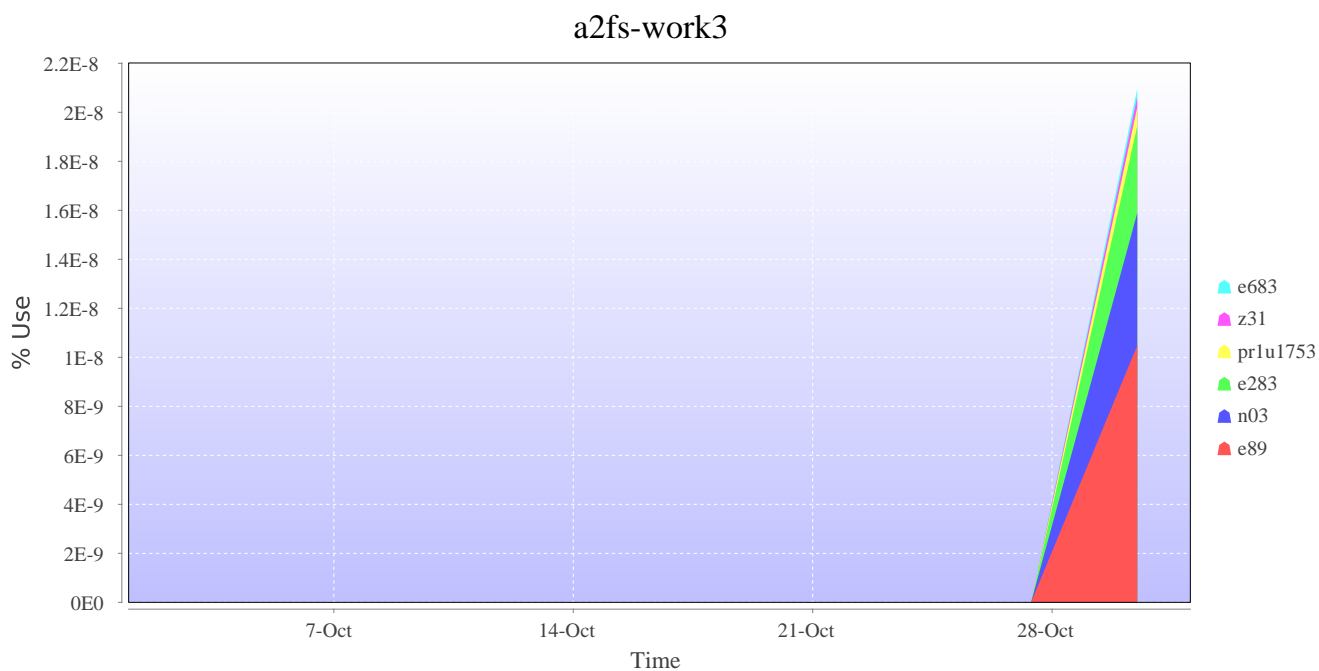

a2fs-home2

# Disk usage for home ( a2fs-home3 )

This is a plot of Disk Use on a2fs-home3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-home3

# Disk usage for work ( a2fs-work1 )

This is a plot of Disk Use on a2fs-work1 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.
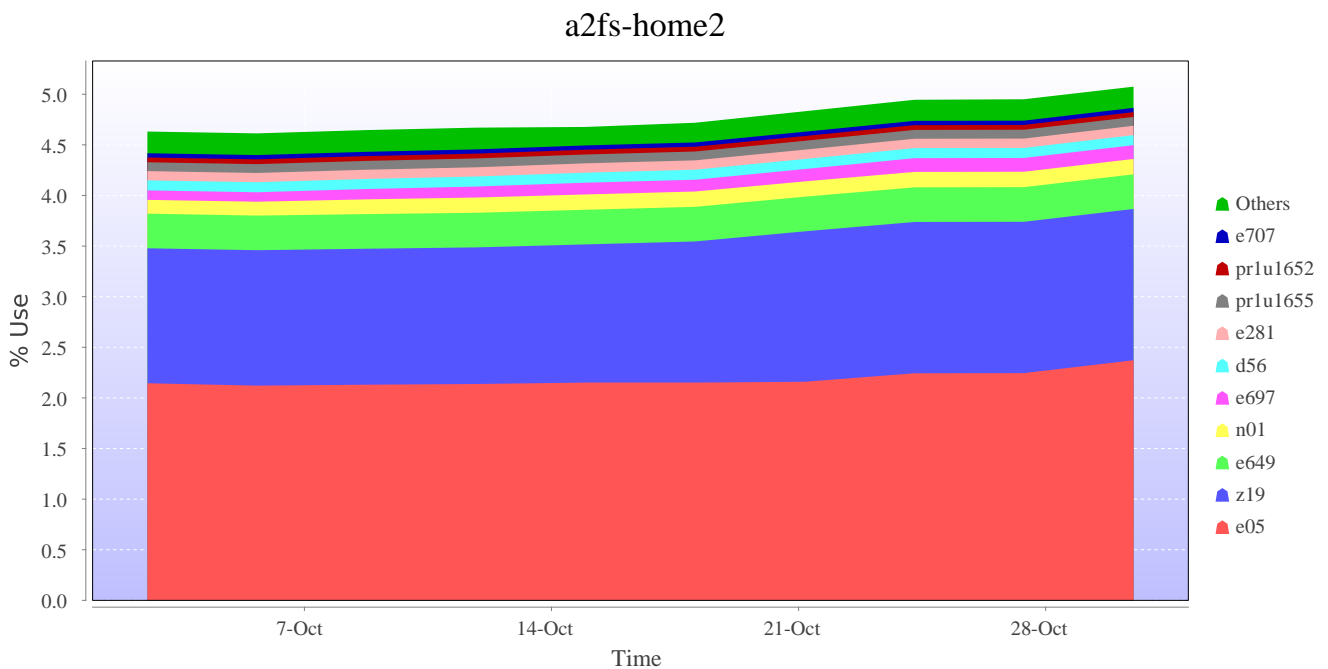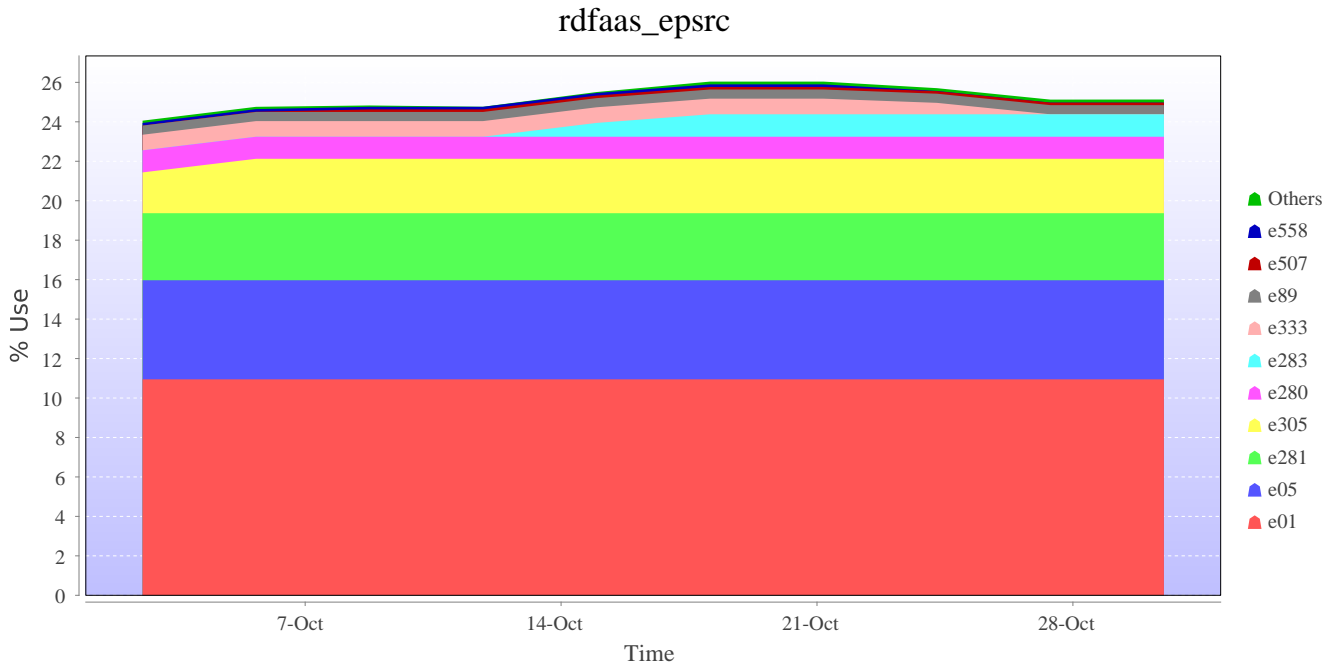


a2fs-work1

## Disk usage for work ( a2fs-work2 )

This is a plot of Disk Use on a2fs-work2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



## Disk usage for work ( a2fs-work3 )

This is a plot of Disk Use on a2fs-work3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.

# Disk usage for epsrc ( rdfaas_epsrc )

This is a plot of Disk Use on rdfaas_epsrc against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



rdfaas_epsrc

# Disk usage for general ( rdfaas_general )

This is a plot of Disk Use on rdfaas_general against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



rdfaas_general