

Monthly Reporting

Report from 22 November 2021 to 30 November 2021

Report for Resource Pool Archer2 on archer2

A total of 1,263,168 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.

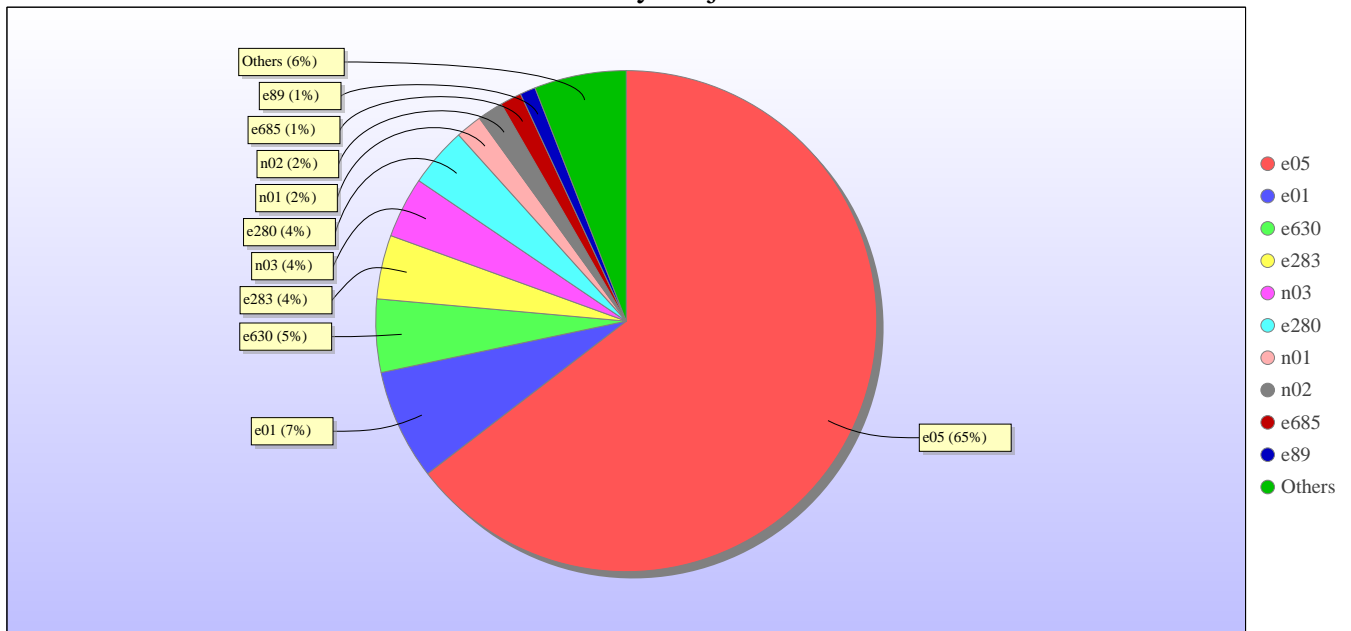
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e683	Pioneer Projects	2	0.0	0.00%	18.1	0.00%	2,722.5	0.22%
e685	Pioneer Projects	175	0.0	0.00%	14,940.5	1.18%	7,233.3	0.57%
e686	Pioneer Projects	65	0.0	0.00%	707.6	0.06%	32.7	0.00%
e687	Pioneer Projects	13	0.0	0.00%	2.8	0.00%	97.8	0.01%
e688	Pioneer Projects	3	0.0	0.00%	6.3	0.00%	489.0	0.04%
e689	Pioneer Projects	85	0.0	0.00%	1,398.0	0.11%	9.8	0.00%
e690	Pioneer Projects	0	0.0	0.00%	0.0	0.00%	9.8	0.00%
e691	Pioneer Projects	0	0.0	0.00%	0.0	0.00%	9.8	0.00%
e692	Pioneer Projects	0	0.0	0.00%	0.0	0.00%	17,032.1	1.35%
e693	Pioneer Projects	0	0.0	0.00%	0.0	0.00%	7,377.0	0.58%
E635	Class1a	512	0.0	0.00%	1,914.4	0.15%	973.3	0.08%
c01	Class1a	243	0.0	0.00%	5,255.0	0.42%	14,313.5	1.13%
e348	Class1a	3	0.0	0.00%	3.1	0.00%	1,084.1	0.09%
e432	Class1a	9	0.0	0.00%	490.6	0.04%	1,524.0	0.12%
e448	Class1a	82	0.0	0.00%	3,248.6	0.26%	3,514.6	0.28%
e569	Class1a	0	0.0	0.00%	0.0	0.00%	750.9	0.06%
e572	Class1a	0	0.0	0.00%	0.0	0.00%	579.8	0.05%
e575	Class1a	23	0.0	0.00%	70.1	0.01%	848.9	0.07%
e607	Class1a	160	0.0	0.00%	6,335.3	0.50%	2,908.2	0.23%
e609	Class1a	65	0.0	0.00%	228.1	0.02%	327.2	0.03%
e613	Class1a	0	0.0	0.00%	0.0	0.00%	242.3	0.02%
e630	Class1a	109	0.0	0.00%	50,848.4	4.03%	9,910.4	0.78%
e637	Class1a	0	0.0	0.00%	0.0	0.00%	486.6	0.04%
e642	Class1a	0	0.0	0.00%	0.0	0.00%	1,404.1	0.11%
e643	Class1a	65	0.0	0.00%	697.7	0.06%	1,387.4	0.11%
e645	Class1a	0	0.0	0.00%	0.0	0.00%	785.6	0.06%
e647	Class1a	10	0.0	0.00%	1,160.6	0.09%	2,716.0	0.22%
e648	Class1a	0	0.0	0.00%	0.0	0.00%	468.6	0.04%
e649	Class1a	0	0.0	0.00%	0.0	0.00%	1,468.2	0.12%
e651	Class1a	0	0.0	0.00%	0.0	0.00%	390.3	0.03%
e655	Class1a	8	0.0	0.00%	1,200.5	0.10%	1,362.8	0.11%
e663	Class1a	0	0.0	0.00%	0.0	0.00%	811.1	0.06%

Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e664	Class1a	0	0.0	0.00%	0.0	0.00%	259.5	0.02%
e667	Class1a	80	0.0	0.00%	1,894.6	0.15%	629.2	0.05%
e668	Class1a	0	0.0	0.00%	0.0	0.00%	419.5	0.03%
e681	Class1a	0	0.0	0.00%	0.0	0.00%	172.8	0.01%
e682	Class1a	155	0.0	0.00%	208.3	0.02%	712.5	0.06%
e684	Class1a	0	0.0	0.00%	0.0	0.00%	219.4	0.02%
e694	Class1a	0	0.0	0.00%	0.0	0.00%	550.3	0.04%
e696	Class1a	0	0.0	0.00%	0.0	0.00%	99.7	0.01%
e697	Class1a	75	0.0	0.00%	7,098.2	0.56%	852.1	0.07%
e700	Class1a	0	0.0	0.00%	0.0	0.00%	118.8	0.01%
e701	Class1a	0	0.0	0.00%	0.0	0.00%	601.1	0.05%
e702	Class1a	30	0.0	0.00%	327.3	0.03%	290.4	0.02%
e706	Class1a	0	0.0	0.00%	0.0	0.00%	36.9	0.00%
e707	Class1a	0	0.0	0.00%	0.0	0.00%	1,337.2	0.11%
e708	Class1a	0	0.0	0.00%	0.0	0.00%	429.5	0.03%
e710	Class1a	0	0.0	0.00%	0.0	0.00%	262.1	0.02%
e712	Class1a	0	0.0	0.00%	0.0	0.00%	4,973.5	0.39%
e721	Class1a	0	0.0	0.00%	0.0	0.00%	150.8	0.01%
e724	Class1a	0	0.0	0.00%	0.0	0.00%	750.0	0.06%
e6337	Class1a	0	0.0	0.00%	0.0	0.00%	773.2	0.06%
ec110	Class1a	0	0.0	0.00%	0.0	0.00%	0.3	0.00%
e01	Consortia	575	0.0	0.00%	76,838.7	6.08%	15,018.8	1.19%
e05	Consortia	11,232	0.0	0.00%	696,300.9	55.12%	57,330.4	4.54%
e89	Consortia	407	0.0	0.00%	10,796.8	0.85%	45,680.0	3.62%
e280	Consortia	450	0.0	0.00%	41,616.9	3.29%	7,754.0	0.61%
e281	Consortia	41	0.0	0.00%	750.9	0.06%	3,218.8	0.25%
e283	Consortia	1,045	0.0	0.00%	44,454.4	3.52%	3,615.4	0.29%
e305	Consortia	52	0.0	0.00%	716.2	0.06%	6,222.2	0.49%
e585	Consortia	387	0.0	0.00%	6,627.7	0.52%	12,903.4	1.02%
e669	Pump Priming	0	0.0	0.00%	0.0	0.00%	23.5	0.00%
e698	Pump Priming	0	0.0	0.00%	0.0	0.00%	29.4	0.00%
e699	Pump Priming	0	0.0	0.00%	0.0	0.00%	29.5	0.00%
e703	Pump Priming	0	0.0	0.00%	0.0	0.00%	33.6	0.00%
e704	Pump Priming	2	0.0	0.00%	0.1	0.00%	21.1	0.00%
e709	Pump Priming	0	0.0	0.00%	0.0	0.00%	33.5	0.00%
e711	Pump Priming	0	0.0	0.00%	0.0	0.00%	38.7	0.00%
e718	Pump Priming	0	0.0	0.00%	0.0	0.00%	37.8	0.00%
e719	Pump Priming	0	0.0	0.00%	0.0	0.00%	39.8	0.00%
e722	Pump Priming	0	0.0	0.00%	0.0	0.00%	39.6	0.00%
e725	Pump Priming	0	0.0	0.00%	0.0	0.00%	39.8	0.00%
e726	Pump Priming	0	0.0	0.00%	0.0	0.00%	39.8	0.00%
e727	Pump Priming	0	0.0	0.00%	0.0	0.00%	1.4	0.00%
ta021	Training	0	0.0	0.00%	0.0	0.00%	18.6	0.00%
ta026	Training	0	0.0	0.00%	0.0	0.00%	18.4	0.00%
ta027	Training	0	0.0	0.00%	0.0	0.00%	24.7	0.00%
ta036	Training	0	0.0	0.00%	0.0	0.00%	3.0	0.00%
ta037	Training	0	0.0	0.00%	0.0	0.00%	18.5	0.00%
ta038	Training	0	0.0	0.00%	0.0	0.00%	18.5	0.00%
ta041	Training	0	0.0	0.00%	0.0	0.00%	2.8	0.00%
ta042	Training	0	0.0	0.00%	0.0	0.00%	138.4	0.01%
ta043	Training	72	0.0	0.00%	21.4	0.00%	85.7	0.01%
e507	Access to HPC	0	0.0	0.00%	0.0	0.00%	683.9	0.05%
e596	Access to HPC	0	0.0	0.00%	0.0	0.00%	188.6	0.01%
e632	Access to HPC	0	0.0	0.00%	0.0	0.00%	1,413.6	0.11%
e672	Access to HPC	3	0.0	0.00%	3.4	0.00%	666.0	0.05%
e673	Access to HPC	27	0.0	0.00%	1,475.7	0.12%	1,308.9	0.10%
e674	Access to HPC	0	0.0	0.00%	0.0	0.00%	637.3	0.05%
e675	Access to HPC	83	0.0	0.00%	1,196.8	0.09%	3,455.5	0.27%
e676	Access to HPC	0	0.0	0.00%	0.0	0.00%	1,002.3	0.08%
e677	Access to HPC	0	0.0	0.00%	0.0	0.00%	2.1	0.00%
e678	Access to HPC	0	0.0	0.00%	0.0	0.00%	235.6	0.02%
e679	Access to HPC	0	0.0	0.00%	0.0	0.00%	942.4	0.07%
e680	Access to HPC	0	0.0	0.00%	0.0	0.00%	981.7	0.08%

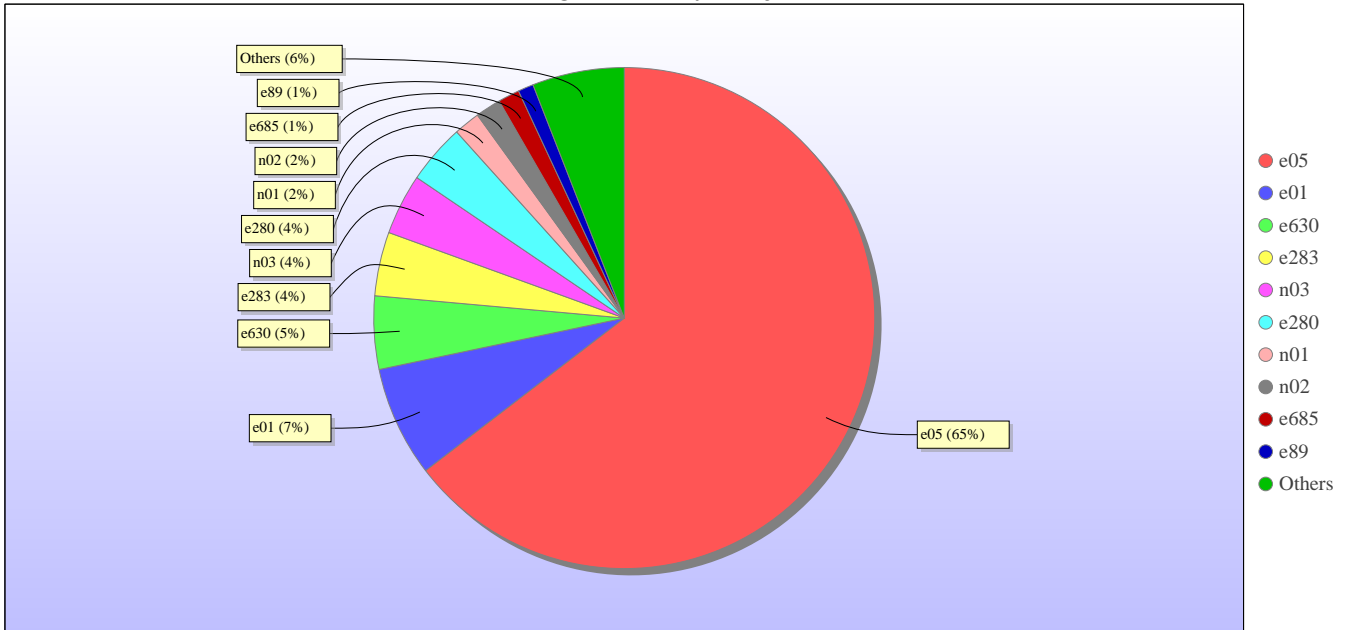
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e705	Access to HPC	0	0.0	0.00%	0.0	0.00%	1,078.8	0.09%
EPSRC Total		16,348	0.0	0.00%	978,854.3	77.49%	261,986.0	20.74%
n01	Consortia	923	0.0	0.00%	18,328.1	1.45%	44,704.1	3.54%
n02	Consortia	3,239	0.0	0.00%	17,738.5	1.40%	127,528.8	10.10%
n03	Consortia	498	0.0	0.00%	42,358.7	3.35%	32,621.9	2.58%
NERC Total		4,660	0.0	0.00%	78,425.3	6.21%	204,854.8	16.22%
e621	Class1a	0	0.0	0.00%	0.0	0.00%	1,136.0	0.09%
BBSRC Total		0	0.0	0.00%	0.0	0.00%	1,136.0	0.09%
pr1u0001	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	2.5	0.00%
pr1u1652	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	525.6	0.04%
pr1u1653	DECI: EXEC	7	0.0	0.00%	2,019.3	0.16%	1,669.8	0.13%
pr1u1654	DECI: EXEC	9	0.0	0.00%	22.8	0.00%	196.0	0.02%
pr1u1656	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	934.6	0.07%
pr1u1657	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	154.5	0.01%
pr1u1659	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	459.2	0.04%
pr1u1751	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	470.8	0.04%
pr1u1752	DECI: EXEC	7	0.0	0.00%	303.0	0.02%	559.5	0.04%
pr1u1753	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	664.7	0.05%
pr1u1754	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	769.3	0.06%
pr1u1755	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	503.5	0.04%
pr1u1756	DECI: EXEC	12	0.0	0.00%	165.6	0.01%	1,187.1	0.09%
pr1u1757	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	266.2	0.02%
pr1u1758	DECI: EXEC	3	0.0	0.00%	0.0	0.00%	207.7	0.02%
pr1u1759	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	447.3	0.04%
pr1u1760	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	167.8	0.01%
pr1u1702	DECI: HOME	0	0.0	0.00%	0.0	0.00%	494.3	0.04%
pr1u1707	DECI: HOME	0	0.0	0.00%	0.0	0.00%	428.4	0.03%
pr1ush01	DECI: HOME	29	0.0	0.00%	195.2	0.02%	136.8	0.01%
pr1ushpc	DECI: HOME	0	0.0	0.00%	0.0	0.00%	24.1	0.00%
PRACE Total		67	0.0	0.00%	2,705.9	0.21%	10,269.7	0.81%
ecseaa06	eCSE	0	0.0	0.00%	0.0	0.00%	53.5	0.00%
ecseaa09	eCSE	0	0.0	0.00%	0.0	0.00%	26.8	0.00%
ecseaa11	eCSE	0	0.0	0.00%	0.0	0.00%	22.8	0.00%
ecseaa12	eCSE	0	0.0	0.00%	0.0	0.00%	19.7	0.00%
ecseaa13	eCSE	0	0.0	0.00%	0.0	0.00%	53.5	0.00%
ecseaa14	eCSE	0	0.0	0.00%	0.0	0.00%	68.9	0.01%
ecseaa16	eCSE	0	0.0	0.00%	0.0	0.00%	68.6	0.01%
ecseaa19	eCSE	0	0.0	0.00%	0.0	0.00%	29.9	0.00%
ecseaa20	eCSE	0	0.0	0.00%	0.0	0.00%	64.6	0.01%
ecseaa21	eCSE	0	0.0	0.00%	0.0	0.00%	19.9	0.00%
ecseaa22	eCSE	0	0.0	0.00%	0.0	0.00%	57.4	0.00%
ecseaa26	eCSE	34	0.0	0.00%	538.9	0.04%	10.8	0.00%
ecseaa28	eCSE	0	0.0	0.00%	0.0	0.00%	23.3	0.00%
ecseab02	eCSE	0	0.0	0.00%	0.0	0.00%	27.0	0.00%
ecseab03	eCSE	0	0.0	0.00%	0.0	0.00%	43.6	0.00%
ecseab04	eCSE	0	0.0	0.00%	0.0	0.00%	16.4	0.00%
ecseab06	eCSE	0	0.0	0.00%	0.0	0.00%	4.8	0.00%
ecseab11	eCSE	0	0.0	0.00%	0.0	0.00%	5.5	0.00%
ecseab12	eCSE	0	0.0	0.00%	0.0	0.00%	29.9	0.00%
ecseab13	eCSE	0	0.0	0.00%	0.0	0.00%	14.4	0.00%
ecseac02	eCSE	207	0.0	0.00%	1,894.2	0.15%	16.5	0.00%
ecseac04	eCSE	0	0.0	0.00%	0.0	0.00%	29.4	0.00%
ecseac05	eCSE	0	0.0	0.00%	0.0	0.00%	18.6	0.00%
ecseac06	eCSE	0	0.0	0.00%	0.0	0.00%	22.9	0.00%
ecseac10	eCSE	0	0.0	0.00%	0.0	0.00%	32.8	0.00%
ecseac12	eCSE	0	0.0	0.00%	0.0	0.00%	24.4	0.00%
ecseac14	eCSE	0	0.0	0.00%	0.0	0.00%	19.0	0.00%
ecsead01	eCSE	0	0.0	0.00%	0.0	0.00%	28.5	0.00%
ecsead05	eCSE	0	0.0	0.00%	0.0	0.00%	27.2	0.00%
ecsead06	eCSE	0	0.0	0.00%	0.0	0.00%	21.4	0.00%
ecsead07	eCSE	0	0.0	0.00%	0.0	0.00%	19.1	0.00%
ecsead08	eCSE	0	0.0	0.00%	0.0	0.00%	22.6	0.00%
eCSE Total		241	0.0	0.00%	2,433.2	0.19%	943.9	0.07%

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d35	Research	66	0.0	0.00%	6.4	0.00%	41.9	0.00%
d56	Research	524	0.0	0.00%	3,393.4	0.27%	1,799.7	0.14%
d114	Research	44	0.0	0.00%	1,608.5	0.13%	4,556.1	0.36%
d118	Research	1	0.0	0.00%	0.0	0.00%	230.1	0.02%
d137	Research	13	0.0	0.00%	8,112.3	0.64%	484.1	0.04%
d142	Research	29	0.0	0.00%	1.3	0.00%	546.9	0.04%
d155	Research	380	0.0	0.00%	1,447.9	0.11%	2,620.3	0.21%
d175	Research	2	0.0	0.00%	0.4	0.00%	196.7	0.02%
d178	Research	0	0.0	0.00%	0.0	0.00%	1,232.2	0.10%
d179	Research	0	0.0	0.00%	0.0	0.00%	994.7	0.08%
d428	Research	0	0.0	0.00%	0.0	0.00%	20.1	0.00%
d429	Research	0	0.0	0.00%	0.0	0.00%	2,734.2	0.22%
d432	Industrial	0	0.0	0.00%	0.0	0.00%	361.8	0.03%
d433	Industrial	0	0.0	0.00%	0.0	0.00%	52.0	0.00%
i18	Industrial	18	0.0	0.00%	21.4	0.00%	682.6	0.05%
i21	Industrial	0	0.0	0.00%	0.0	0.00%	617.6	0.05%
i238	Industrial	0	0.0	0.00%	0.0	0.00%	154.4	0.01%
i239	Industrial	0	0.0	0.00%	0.0	0.00%	520.1	0.04%
x06	Industrial	0	0.0	0.00%	0.0	0.00%	0.3	0.00%
d174	Training	0	0.0	0.00%	0.0	0.00%	147.0	0.01%
d176	Training	0	0.0	0.00%	0.0	0.00%	9.2	0.00%
ta044	Training	0	0.0	0.00%	0.0	0.00%	77.5	0.01%
ta045	Training	0	0.0	0.00%	0.0	0.00%	18.4	0.00%
y01	Service	156	0.0	0.00%	393.4	0.03%	17.1	0.00%
y02	Service	25	0.0	0.00%	1.5	0.00%	13.9	0.00%
y23	Service	0	0.0	0.00%	0.0	0.00%	16.1	0.00%
z19	Service	364	0.0	0.00%	797.2	0.06%	3,687.9	0.29%
z99	Service	0	0.0	0.00%	0.0	0.00%	0.2	0.00%
sc004	UoE Access	0	0.0	0.00%	0.0	0.00%	3.3	0.00%
DirectorsTime Total		1,622	0.0	0.00%	15,783.8	1.25%	21,836.2	1.73%
y07	Service	0	0.0	0.00%	0.0	0.00%	49.3	0.00%
z01	Service	0	0.0	0.00%	0.0	0.00%	22.7	0.00%
z02	Service	3	0.0	0.00%	1.0	0.00%	108.3	0.01%
CSE Total		3	0.0	0.00%	1.0	0.00%	180.3	0.01%
Total		22,941	0.0	0.00%	1,078,203.5	85.36%	501,206.9	39.68%

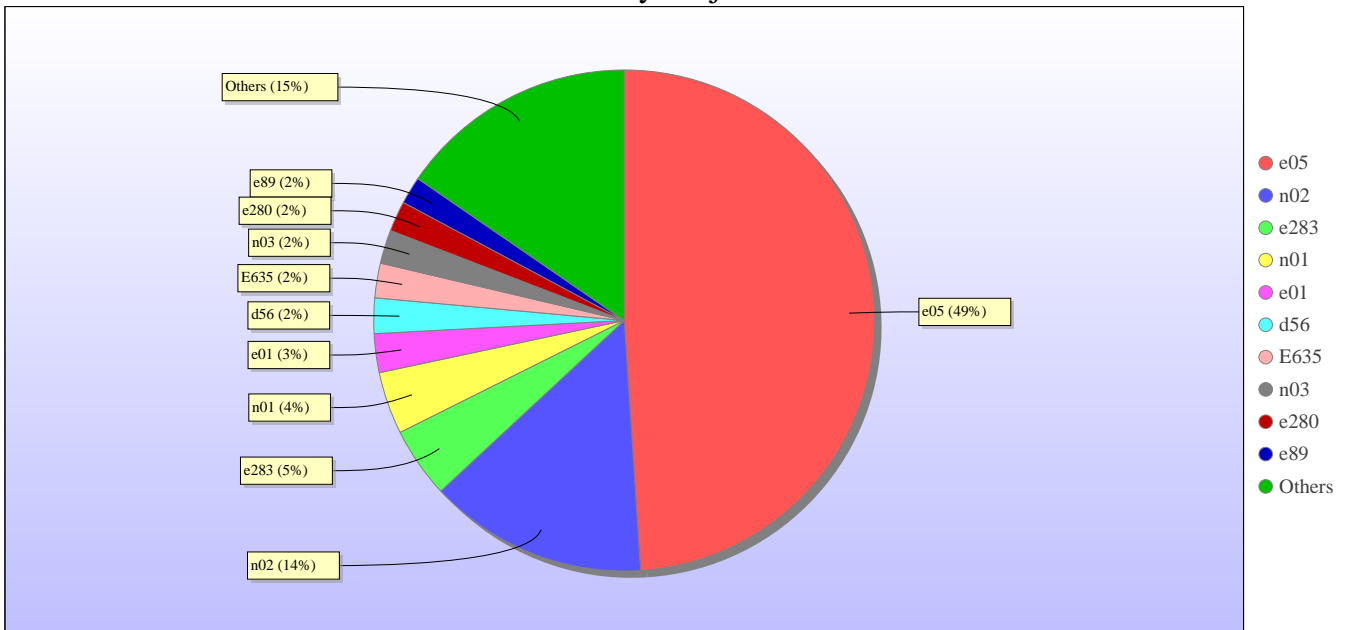
Use by Project



Uncharged Use by Project



Jobs by Project

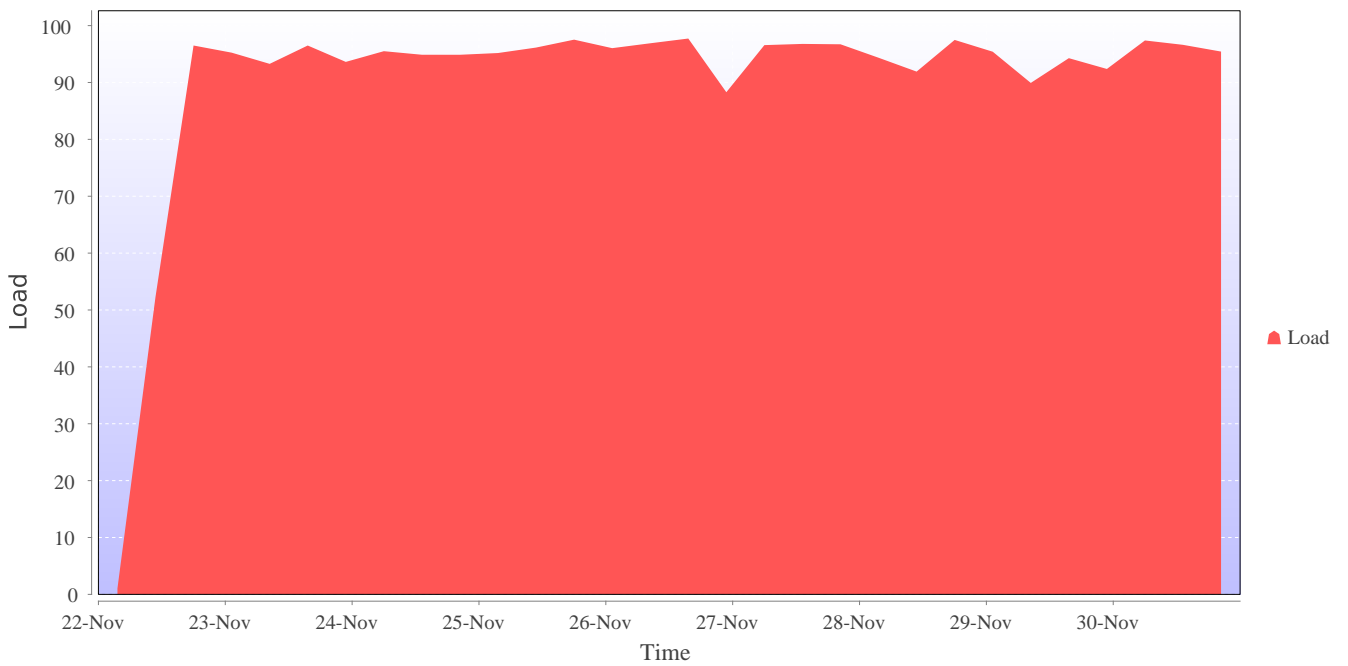


CUs (by Size)

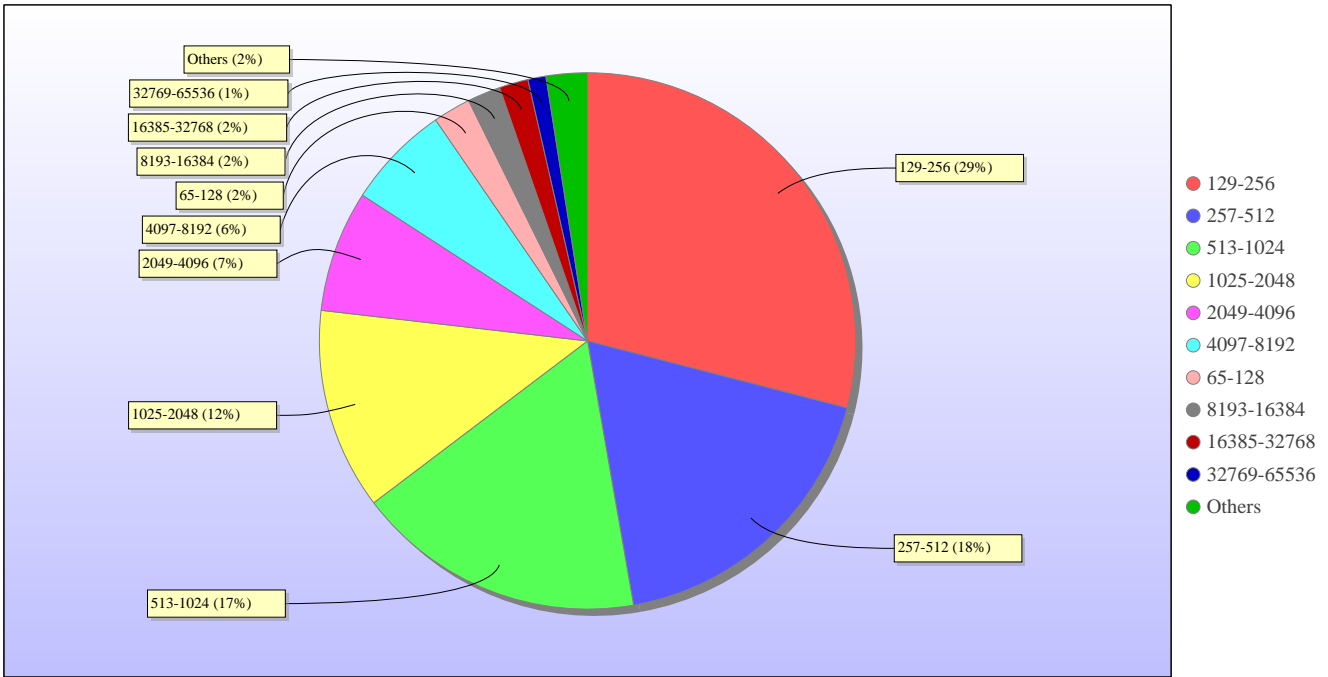
Size	CUs	Number of Jobs
1	0	85
2	0	155
3-4	0	1
5-8	0	105
9-16	0	27
17-32	0	35
33-64	0	51
65-128	0	522
129-256	0	6,657
257-512	0	4,183
513-1024	0	4,000

Size	CUs	Number of Jobs
1025-2048	0	2,784
2049-4096	0	1,680
4097-8192	0	1,438
8193-16384	0	458
16385-32768	0	400
32769-65536	0	249
65537-131072	0	58
131073-262144	0	50
262145-524288	0	2
1048577-2097152	0	1

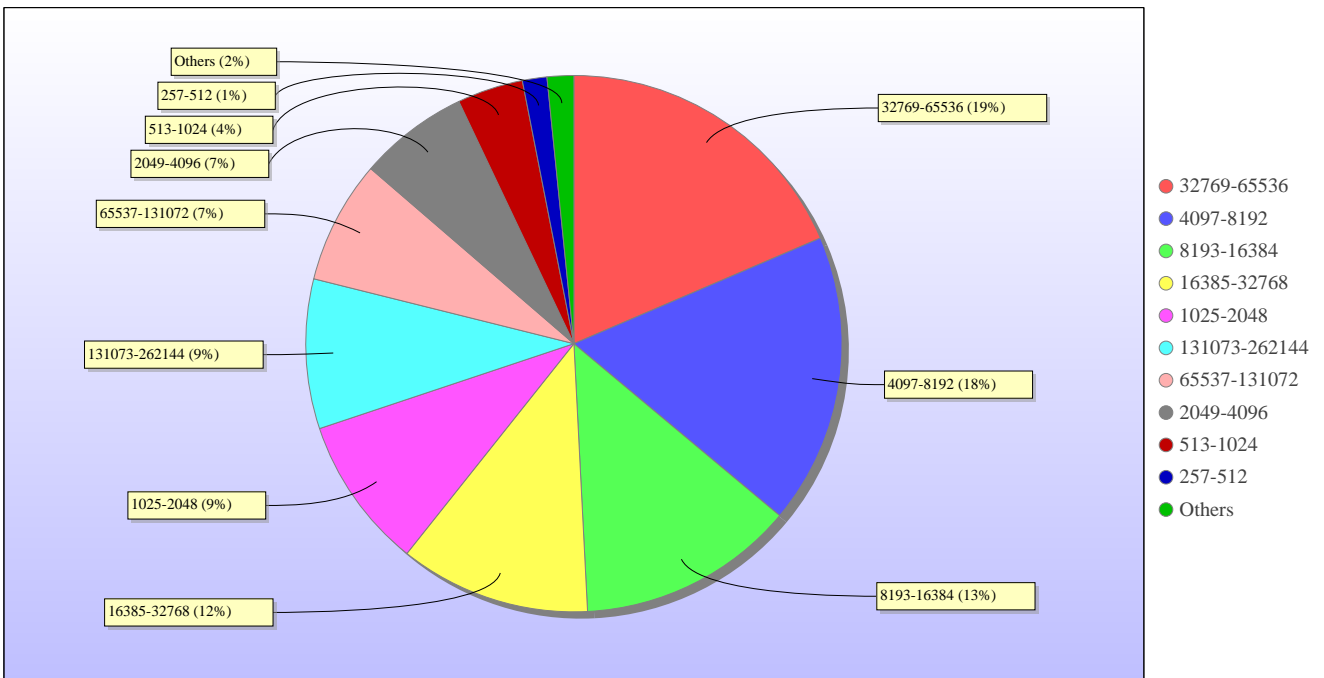
Load plots



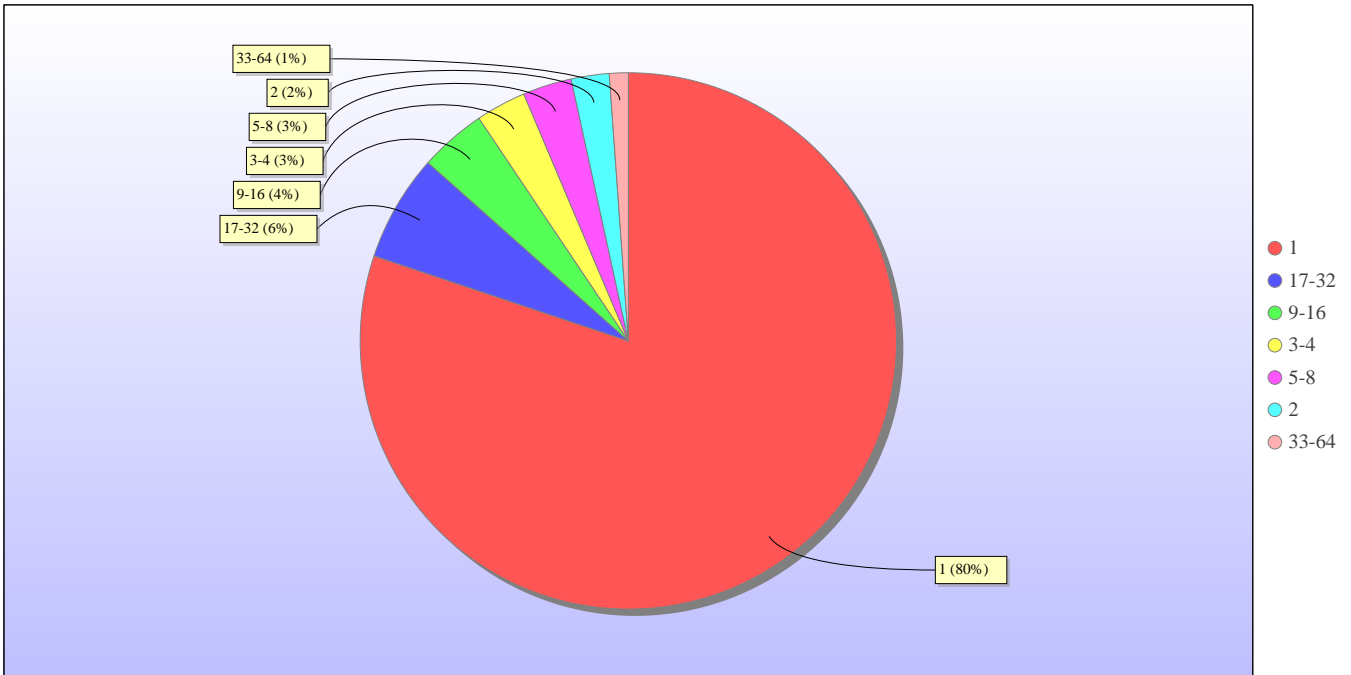
Percentage load on machine



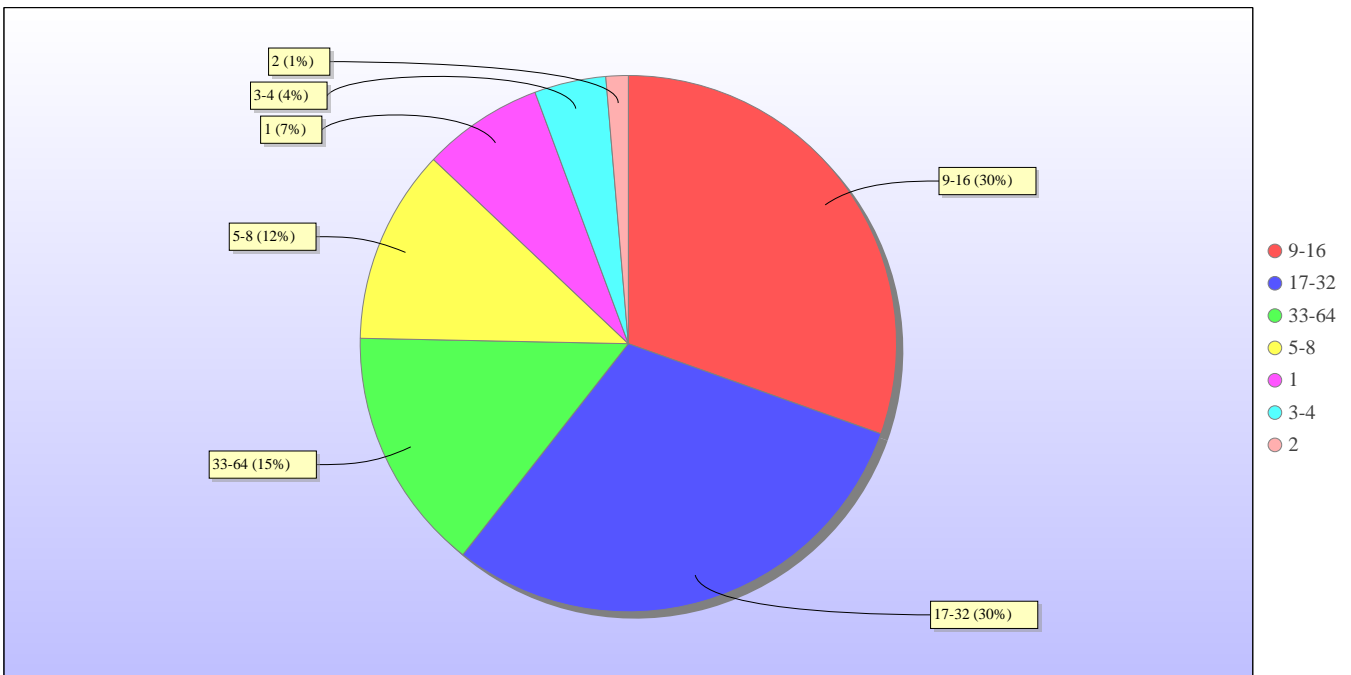
Jobs by Size



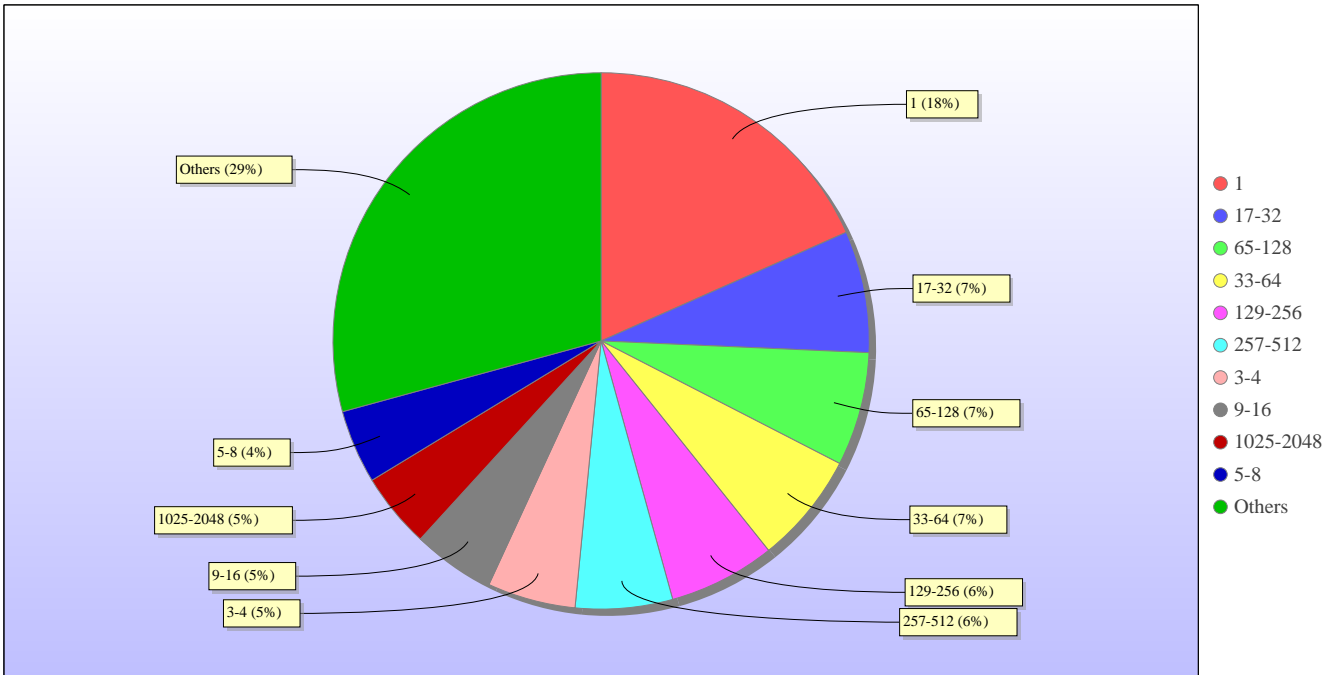
CUs used by Size



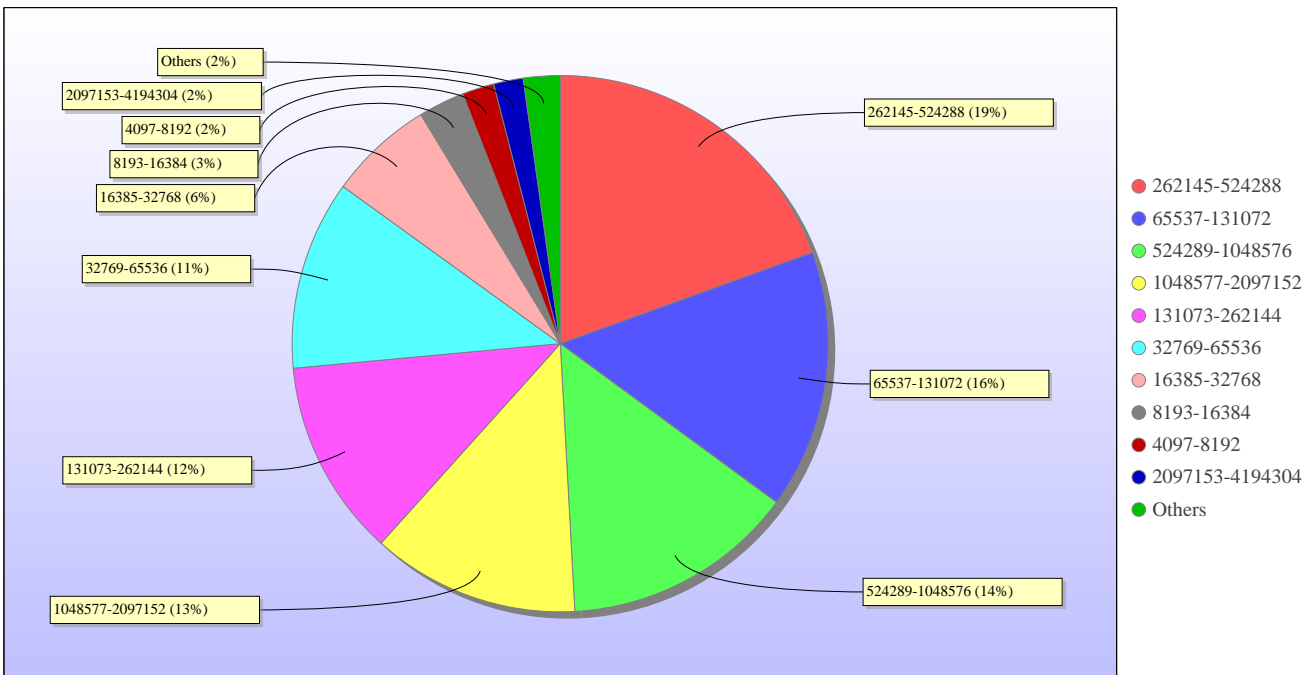
Jobs grouped by wall-clock-hours



CUs used grouped by wall-clock-hours



Jobs grouped by core-hours

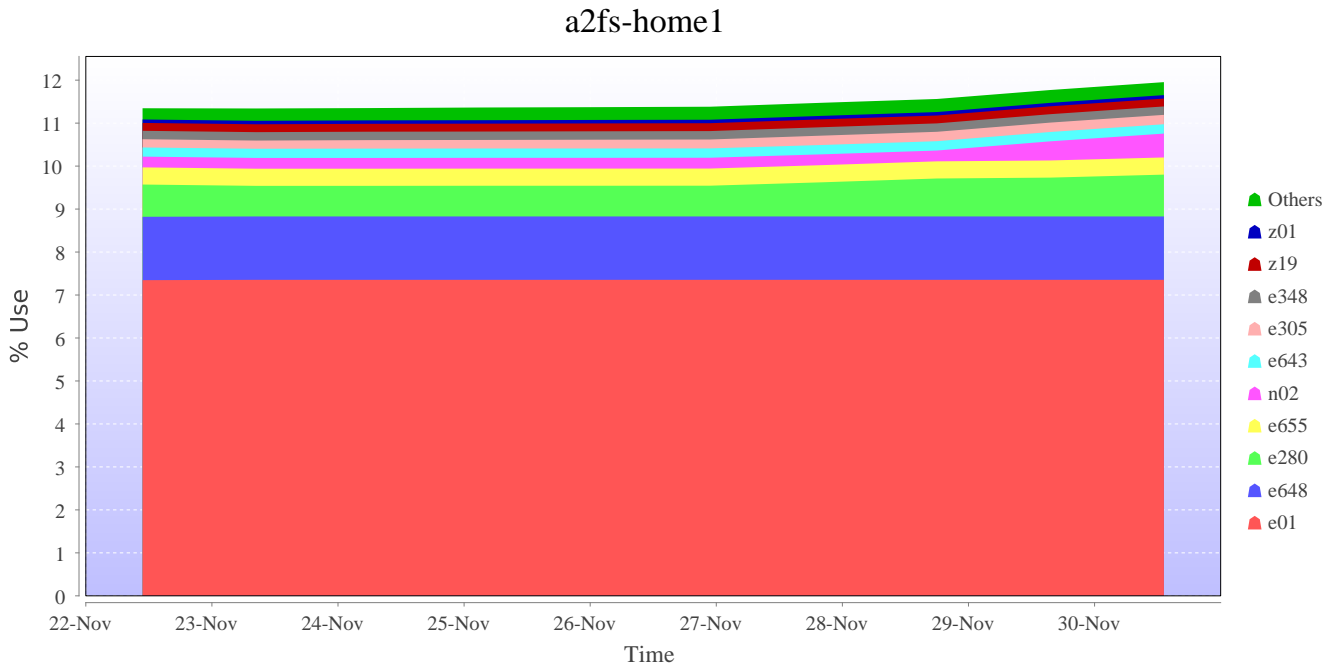


CUs used grouped by core-hours

Disk usage

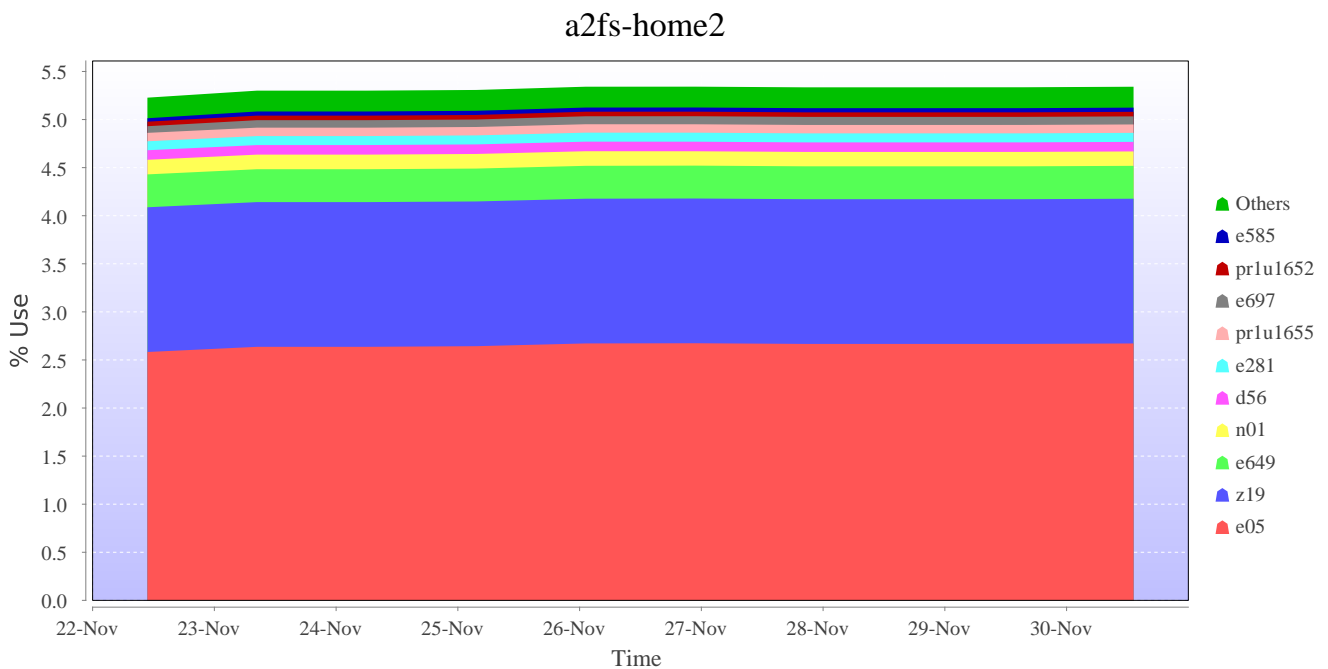
Disk usage for home (a2fs-home1)

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.



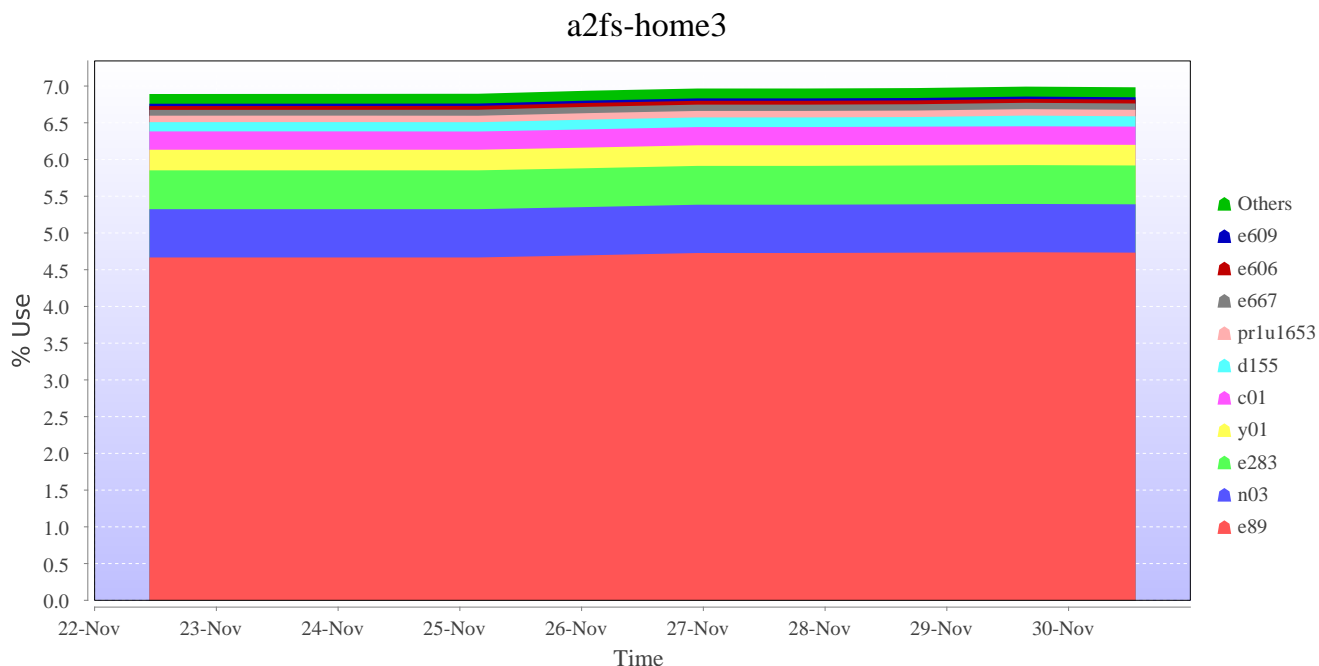
Disk usage for home (a2fs-home2)

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.



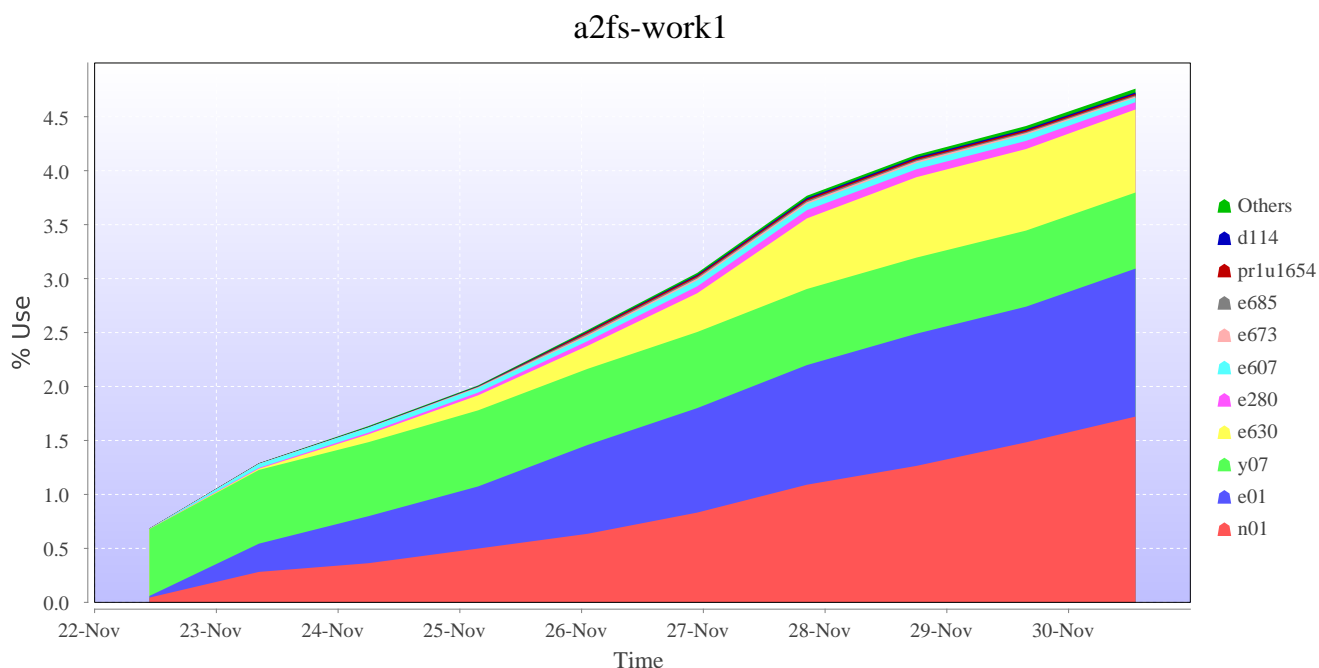
Disk usage for home (a2fs-home3)

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.



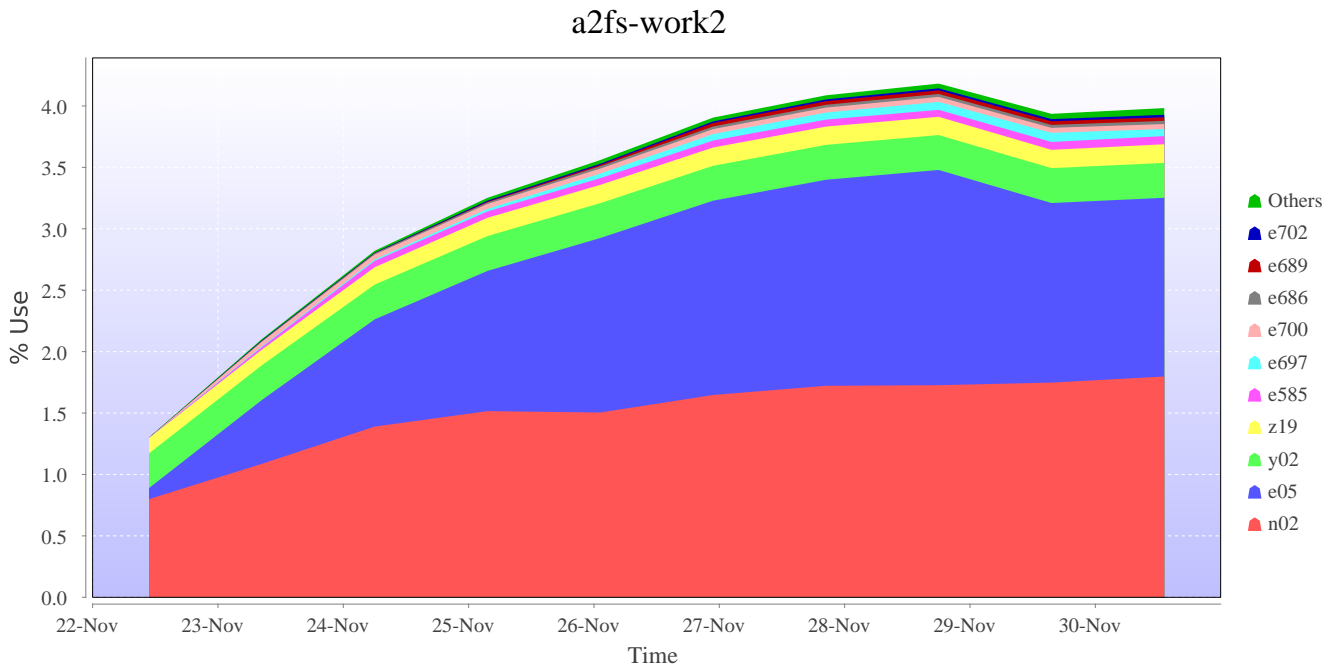
Disk usage for work (a2fs-work1)

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.



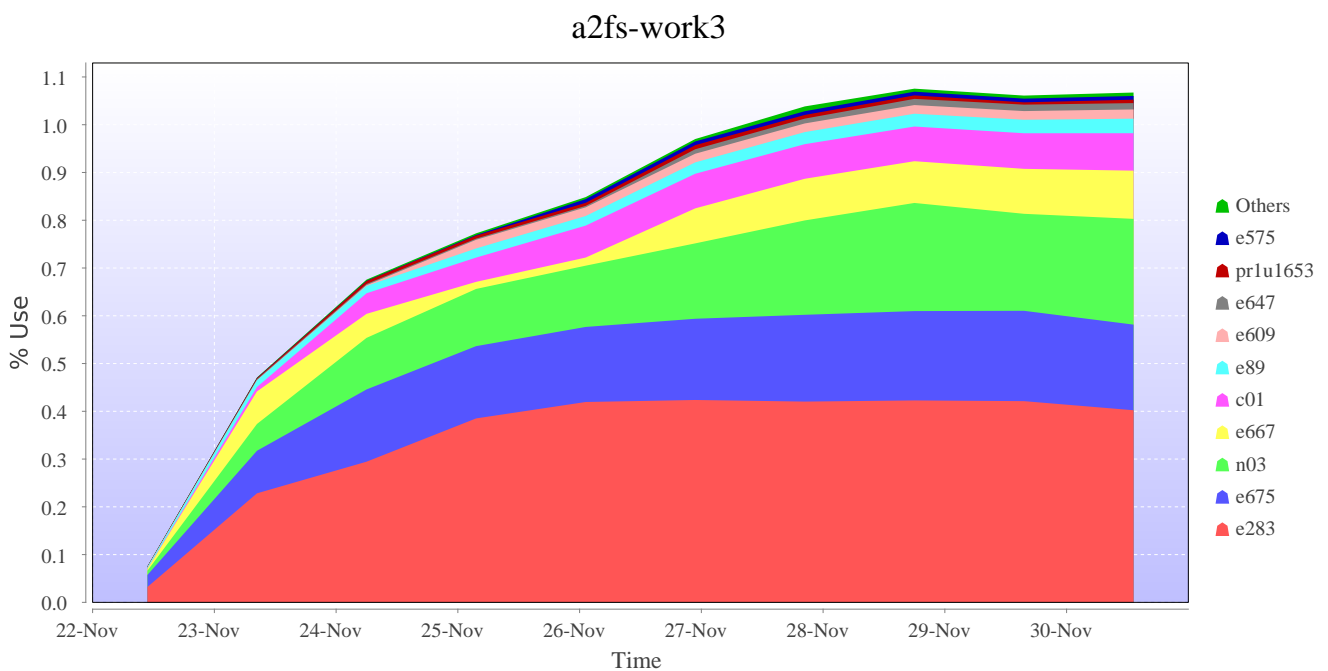
Disk usage for work (a2fs-work2)

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.



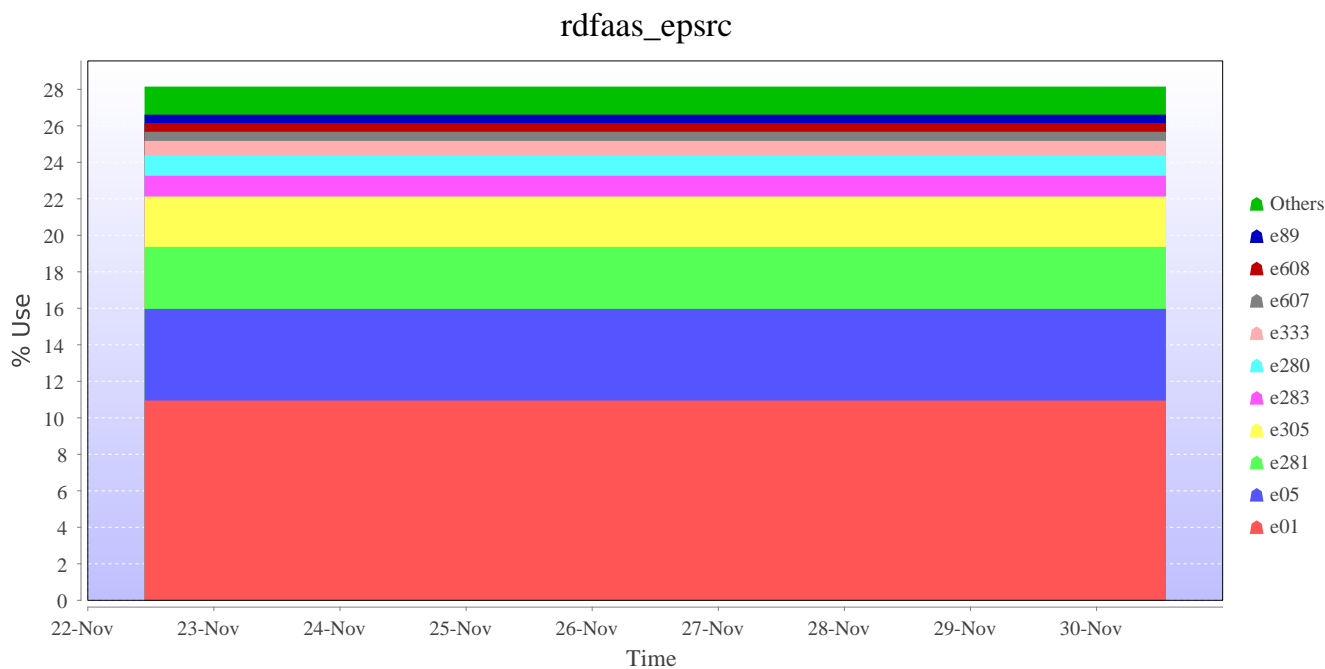
Disk usage for work (a2fs-work3)

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.



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.

