

Monthly Reporting

Report from 01 September 2022 to 30 September 2022

Report for Resource Pool Archer2 on archer2

A total of 4,210,560 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.

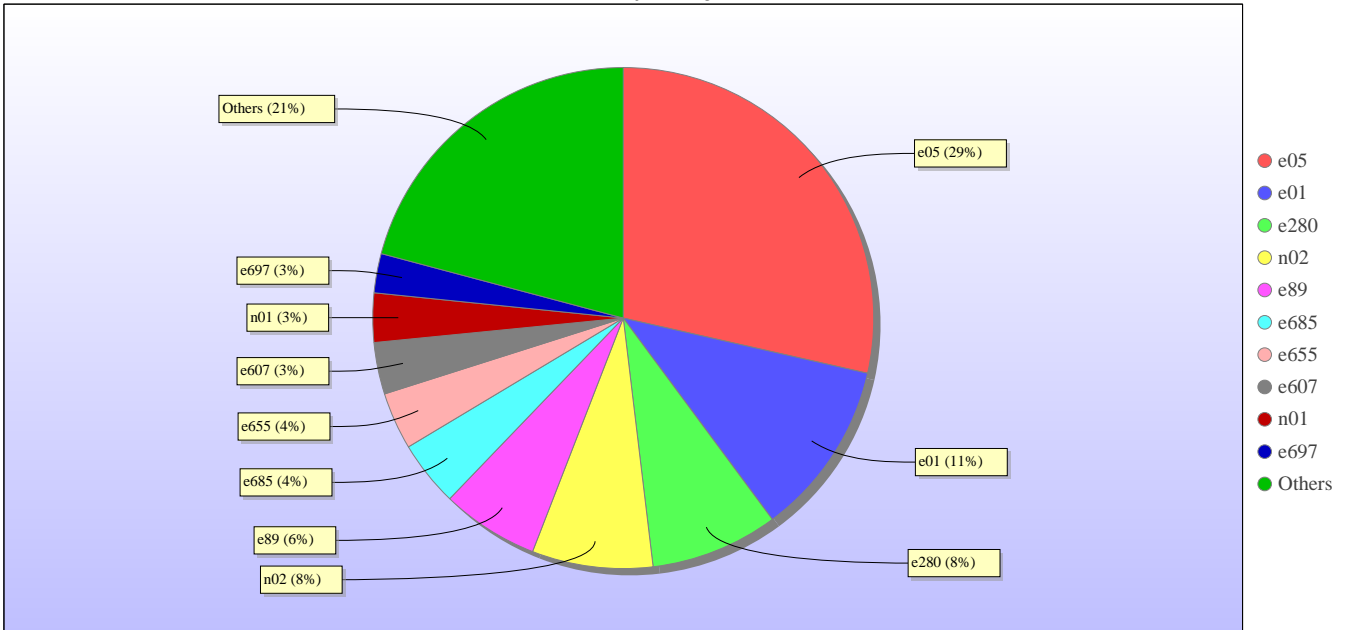
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e572	Leadership Awards	290	1,209.9	0.03%	1,254.5	0.03%	2,071.3	0.05%
e645	Leadership Awards	214	4,128.9	0.10%	4,128.9	0.10%	2,604.3	0.06%
e684	Leadership Awards	133	98.1	0.00%	98.1	0.00%	1,462.8	0.03%
e683	Pioneer Projects	234	4,712.3	0.11%	4,712.3	0.11%	13,562.1	0.32%
e685	Pioneer Projects	1,687	6,696.4	0.16%	148,941.6	3.54%	20,049.8	0.48%
e686	Pioneer Projects	232	7,990.5	0.19%	7,990.5	0.19%	17,930.7	0.43%
e687	Pioneer Projects	461	38,148.6	0.91%	38,148.6	0.91%	16,300.7	0.39%
e688	Pioneer Projects	550	29,156.5	0.69%	29,187.8	0.69%	21,598.4	0.51%
e689	Pioneer Projects	20	39,820.6	0.95%	41,332.7	0.98%	26,244.1	0.62%
e690	Pioneer Projects	784	14,159.8	0.34%	34,366.4	0.82%	24,451.0	0.58%
e691	Pioneer Projects	25	12,214.0	0.29%	12,214.0	0.29%	24,928.3	0.59%
e692	Pioneer Projects	7	27,650.1	0.66%	19,969.5	0.47%	18,817.5	0.45%
e693	Pioneer Projects	0	0.0	0.00%	0.0	0.00%	24,059.8	0.57%
c01	Class1a	2,690	37,285.5	0.89%	51,114.4	1.21%	22,450.8	0.53%
e348	Class1a	234	1,645.8	0.04%	1,645.8	0.04%	8,867.6	0.21%
e575	Class1a	97	1,351.0	0.03%	1,351.0	0.03%	3,314.2	0.08%
e607	Class1a	524	11,892.2	0.28%	117,652.4	2.79%	9,641.0	0.23%
e609	Class1a	618	1,958.8	0.05%	2,426.8	0.06%	3,169.0	0.08%
e642	Class1a	0	0.0	0.00%	0.0	0.00%	4,680.5	0.11%
e643	Class1a	421	1,173.6	0.03%	1,173.6	0.03%	2,931.4	0.07%
e647	Class1a	1,157	2,118.8	0.05%	15,888.2	0.38%	1,916.9	0.05%
e649	Class1a	0	0.0	0.00%	0.0	0.00%	1,397.5	0.03%
e655	Class1a	236	579.7	0.01%	130,378.8	3.10%	2,720.8	0.06%
e663	Class1a	120	963.7	0.02%	963.7	0.02%	3,244.2	0.08%
e664	Class1a	0	0.0	0.00%	0.0	0.00%	865.1	0.02%
e667	Class1a	0	0.0	0.00%	0.0	0.00%	2,043.5	0.05%
e694	Class1a	202	59.1	0.00%	74.8	0.00%	2,741.3	0.07%
e696	Class1a	24	205.3	0.00%	205.3	0.00%	299.2	0.01%
e697	Class1a	93	0.0	0.00%	89,316.0	2.12%	8,489.9	0.20%

Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e700	Class1a	22	759.9	0.02%	759.9	0.02%	4,303.4	0.10%
e701	Class1a	0	0.0	0.00%	0.0	0.00%	1,820.7	0.04%
e702	Class1a	112	2,962.3	0.07%	2,962.3	0.07%	973.8	0.02%
e705	Class1a	5	9.1	0.00%	9.1	0.00%	3,596.3	0.09%
e706	Class1a	0	0.0	0.00%	0.0	0.00%	821.6	0.02%
e707	Class1a	14	84.9	0.00%	84.9	0.00%	11,559.8	0.27%
e708	Class1a	0	0.0	0.00%	0.0	0.00%	4,533.8	0.11%
e710	Class1a	41	85.5	0.00%	86.4	0.00%	2,361.0	0.06%
e712	Class1a	0	0.0	0.00%	0.0	0.00%	16,300.7	0.39%
e720	Class1a	8,043	17,420.1	0.41%	19,917.6	0.47%	21,956.8	0.52%
e721	Class1a	719	263.6	0.01%	293.3	0.01%	2,163.9	0.05%
e724	Class1a	391	3.3	0.00%	3.3	0.00%	11,433.8	0.27%
e728	Class1a	123	1,133.0	0.03%	1,133.0	0.03%	2,353.4	0.06%
e751	Class1a	0	0.0	0.00%	0.0	0.00%	4,886.9	0.12%
e752	Class1a	0	0.0	0.00%	0.0	0.00%	3,442.6	0.08%
e758	Class1a	0	0.0	0.00%	0.0	0.00%	3,481.2	0.08%
e761	Class1a	0	0.0	0.00%	0.0	0.00%	162.7	0.00%
e6337	Class1a	9	2,344.6	0.06%	2,344.6	0.06%	2,704.1	0.06%
e01	Consortia	1,698	154,425.0	3.67%	399,114.7	9.48%	218,458.1	5.19%
e05	Consortia	25,345	446,379.0	10.60%	1,006,251.6	23.90%	691,784.4	16.43%
e89	Consortia	16,304	176,945.6	4.20%	221,557.0	5.26%	327,687.2	7.78%
e280	Consortia	9,057	127,978.2	3.04%	290,611.5	6.90%	145,639.0	3.46%
e281	Consortia	617	5,982.0	0.14%	7,255.8	0.17%	72,819.9	1.73%
e283	Consortia	1,245	17,173.4	0.41%	17,330.0	0.41%	36,410.0	0.86%
e305	Consortia	1,633	53,158.7	1.26%	54,868.2	1.30%	109,229.1	2.59%
e585	Consortia	1,805	13,967.0	0.33%	32,460.7	0.77%	109,229.1	2.59%
e739	Pump Priming	21	456.3	0.01%	456.3	0.01%	306.4	0.01%
e749	Pump Priming	121	612.0	0.01%	643.2	0.02%	490.3	0.01%
e750	Pump Priming	0	0.0	0.00%	0.0	0.00%	183.0	0.00%
e753	Pump Priming	0	0.0	0.00%	0.0	0.00%	655.7	0.02%
e754	Pump Priming	0	0.0	0.00%	0.0	0.00%	662.8	0.02%
e755	Pump Priming	0	0.0	0.00%	0.0	0.00%	638.2	0.02%
e757	Pump Priming	5	0.0	0.00%	0.0	0.00%	596.9	0.01%
ta037	Training	0	0.0	0.00%	0.0	0.00%	61.6	0.00%
ta038	Training	0	0.0	0.00%	0.0	0.00%	61.6	0.00%
ta052	Training	0	0.0	0.00%	0.0	0.00%	494.9	0.01%
e632	Access to HPC	0	0.0	0.00%	0.0	0.00%	3,550.7	0.08%
e673	Access to HPC	100	558.7	0.01%	27,754.3	0.66%	2,393.4	0.06%
e674	Access to HPC	167	832.7	0.02%	832.7	0.02%	3,754.6	0.09%
e676	Access to HPC	459	15,022.8	0.36%	15,022.8	0.36%	2,780.1	0.07%
e677	Access to HPC	0	0.0	0.00%	0.0	0.00%	7,080.7	0.17%
e727	Access to HPC	452	2,816.1	0.07%	2,816.1	0.07%	3,199.7	0.08%
e730	Access to HPC	10	12.1	0.00%	12.1	0.00%	3,129.7	0.07%
e731	Access to HPC	458	7,374.6	0.18%	7,374.6	0.18%	8,875.4	0.21%
e732	Access to HPC	71	2,127.4	0.05%	2,127.4	0.05%	4,890.2	0.12%
e733	Access to HPC	0	0.0	0.00%	0.0	0.00%	4,068.6	0.10%
e734	Access to HPC	102	1,205.8	0.03%	1,205.8	0.03%	7,443.6	0.18%
e735	Access to HPC	166	1,633.7	0.04%	1,633.7	0.04%	10,140.3	0.24%
e736	Access to HPC	132	0.0	0.00%	3,686.1	0.09%	11,736.5	0.28%
e742	Access to HPC	42	242.7	0.01%	242.7	0.01%	1,237.0	0.03%
e743	Access to HPC	373	9,933.2	0.24%	9,964.1	0.24%	8,155.7	0.19%
e744	Access to HPC	92	23.2	0.00%	7,649.3	0.18%	4,474.9	0.11%
e745	Access to HPC	8	3,329.4	0.08%	8,743.0	0.21%	2,903.4	0.07%
e746	Access to HPC	93	28,331.0	0.67%	28,331.0	0.67%	15,036.8	0.36%
e747	Access to HPC	14	569.8	0.01%	569.8	0.01%	20,829.4	0.49%
e748	Access to HPC	175	23,600.0	0.56%	24,582.2	0.58%	22,322.9	0.53%
EPSRC Total		81,297	1,364,975.7	32.42%	2,955,226.4	70.19%	2,255,121.8	53.56%
n01	Consortia	2,842	112,351.5	2.67%	111,846.3	2.66%	145,150.7	3.45%
n02	Consortia	26,890	160,686.4	3.82%	275,050.9	6.53%	517,561.6	12.29%
n03	Consortia	2,980	80,487.0	1.91%	81,551.9	1.94%	161,095.9	3.83%
NERC Total		32,712	353,525.0	8.40%	468,449.1	11.13%	823,808.2	19.57%
b19	Class1a	15	279.3	0.01%	279.3	0.01%	1,918.8	0.05%
BBSRC Total		15	279.3	0.01%	279.3	0.01%	1,918.8	0.05%

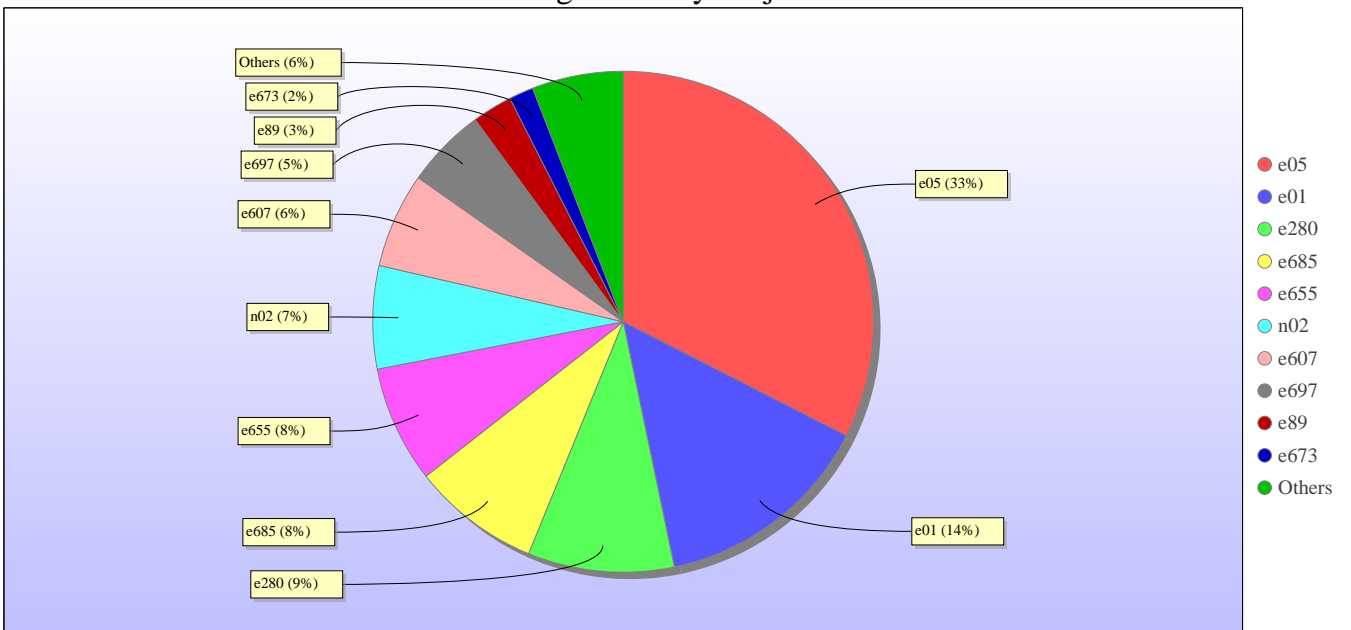
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e756	Leadership Awards	0	0.0	0.00%	0.0	0.00%	29.1	0.00%
e760	Leadership Awards	34	2,458.2	0.06%	2,466.3	0.06%	1,022.3	0.02%
e723	Class1a	2,572	14,104.1	0.33%	16,306.2	0.39%	24,584.6	0.58%
e738	Class1a	202	236.1	0.01%	237.8	0.01%	8,150.3	0.19%
UKRI Total		2,808	16,798.4	0.40%	19,010.4	0.45%	33,786.3	0.80%
pr1u1555	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	414.1	0.01%
pr1u1654	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	631.5	0.01%
pr1u1657	DECI: EXEC	2	120.0	0.00%	120.0	0.00%	515.0	0.01%
pr1u1751	DECI: EXEC	72	60.5	0.00%	60.5	0.00%	1,303.9	0.03%
pr1u1752	DECI: EXEC	28	7,671.1	0.18%	7,849.6	0.19%	1,802.8	0.04%
pr1u1753	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	3,682.3	0.09%
pr1u1754	DECI: EXEC	136	9,849.7	0.23%	9,849.7	0.23%	2,478.8	0.06%
pr1u1755	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	1,622.5	0.04%
pr1u1756	DECI: EXEC	427	9,380.7	0.22%	9,380.7	0.22%	6,575.6	0.16%
pr1u1757	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	857.7	0.02%
pr1u1758	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	710.9	0.02%
pr1u1759	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	1,441.3	0.03%
pr1u1760	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	540.8	0.01%
pr1u1702	DECI: HOME	32	2,289.0	0.05%	2,289.0	0.05%	1,592.9	0.04%
pr1u1707	DECI: HOME	0	0.0	0.00%	0.0	0.00%	1,380.2	0.03%
pr1ush02	DECI: HOME	0	0.0	0.00%	0.0	0.00%	3,229.6	0.08%
PRACE Total		697	29,371.0	0.70%	29,549.5	0.70%	28,779.8	0.68%
ecseaa11	eCSE	33	61.9	0.00%	61.9	0.00%	66.5	0.00%
ecseaa13	eCSE	13	747.5	0.02%	747.5	0.02%	88.2	0.00%
ecseaa19	eCSE	0	0.0	0.00%	0.0	0.00%	99.6	0.00%
ecseaa26	eCSE	0	0.0	0.00%	0.0	0.00%	122.4	0.00%
ecseaa28	eCSE	612	3.2	0.00%	3,142.4	0.07%	39.5	0.00%
ecseab02	eCSE	0	0.0	0.00%	0.0	0.00%	90.0	0.00%
ecseac04	eCSE	0	0.0	0.00%	0.0	0.00%	98.2	0.00%
ecseac05	eCSE	0	0.0	0.00%	0.0	0.00%	61.9	0.00%
ecseac12	eCSE	0	0.0	0.00%	0.0	0.00%	81.5	0.00%
ecseac14	eCSE	0	0.0	0.00%	0.0	0.00%	63.2	0.00%
ecseac15	eCSE	0	0.0	0.00%	0.0	0.00%	129.7	0.00%
ecsead01	eCSE	0	0.0	0.00%	0.0	0.00%	95.1	0.00%
ecsead02	eCSE	0	0.0	0.00%	0.0	0.00%	157.7	0.00%
ecsead03	eCSE	0	0.0	0.00%	0.0	0.00%	124.3	0.00%
ecsead06	eCSE	27	766.4	0.02%	766.4	0.02%	71.5	0.00%
ecsead08	eCSE	53	4.3	0.00%	4.3	0.00%	75.5	0.00%
ecseae03	eCSE	0	0.0	0.00%	0.0	0.00%	90.6	0.00%
ecseae04	eCSE	0	0.0	0.00%	0.0	0.00%	115.7	0.00%
ecseae08	eCSE	0	0.0	0.00%	0.0	0.00%	115.4	0.00%
ecseae09	eCSE	0	0.0	0.00%	0.0	0.00%	113.0	0.00%
ecseaf01	eCSE	225	9.7	0.00%	9.7	0.00%	101.1	0.00%
ecseaf02	eCSE	0	0.0	0.00%	0.0	0.00%	51.0	0.00%
ecseaf03	eCSE	15	0.9	0.00%	0.9	0.00%	49.1	0.00%
ecseaf04	eCSE	0	0.0	0.00%	0.0	0.00%	63.0	0.00%
ecseaf06	eCSE	0	0.0	0.00%	0.0	0.00%	97.6	0.00%
ecseag02	eCSE	104	245.8	0.01%	250.6	0.01%	84.3	0.00%
ecseag06	eCSE	0	0.0	0.00%	0.0	0.00%	1.4	0.00%
eCSE Total		1,082	1,839.7	0.04%	4,983.7	0.12%	2,346.7	0.06%
d35	Research	53	6.9	0.00%	6.9	0.00%	89.8	0.00%
d56	Research	526	3,246.4	0.08%	3,246.8	0.08%	8,679.2	0.21%
d114	Research	2,147	20,318.0	0.48%	20,319.6	0.48%	5,057.7	0.12%
d137	Research	0	0.0	0.00%	0.0	0.00%	1,627.4	0.04%
d142	Research	16	9,495.7	0.23%	9,510.0	0.23%	4,934.2	0.12%
d170	Research	0	0.0	0.00%	0.0	0.00%	48.9	0.00%
d175	Research	7	0.0	0.00%	48.3	0.00%	1,741.1	0.04%
d179	Research	0	0.0	0.00%	0.0	0.00%	1,643.8	0.04%
d192	Research	11	0.4	0.00%	0.4	0.00%	16.7	0.00%
dc129	Research	5,272	84.9	0.00%	111.3	0.00%	1,643.8	0.04%
d105	Industrial	0	0.0	0.00%	0.0	0.00%	3,260.1	0.08%

Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
d181	Industrial	15	0.0	0.00%	211.0	0.01%	1,232.9	0.03%
d190	Industrial	0	0.0	0.00%	0.0	0.00%	1,643.8	0.04%
d433	Industrial	10	5.4	0.00%	5.4	0.00%	75.8	0.00%
d434	Industrial	0	0.0	0.00%	0.0	0.00%	15.2	0.00%
i01	Industrial	0	0.0	0.00%	0.0	0.00%	5.2	0.00%
i18	Industrial	0	0.0	0.00%	0.0	0.00%	2,275.3	0.05%
i21	Industrial	0	0.0	0.00%	0.0	0.00%	16,300.7	0.39%
i24	Industrial	0	0.0	0.00%	0.0	0.00%	32.6	0.00%
i25	Industrial	23	0.4	0.00%	0.4	0.00%	98.0	0.00%
i26	Industrial	45	203.9	0.00%	203.9	0.00%	204.9	0.00%
i27	Industrial	0	0.0	0.00%	0.0	0.00%	651.9	0.02%
i238	Industrial	0	0.0	0.00%	0.0	0.00%	489.0	0.01%
i239	Industrial	532	7,728.3	0.18%	7,752.6	0.18%	709.5	0.02%
i241	Industrial	9	745.0	0.02%	745.0	0.02%	3,167.6	0.08%
i242	Industrial	0	0.0	0.00%	0.0	0.00%	660.8	0.02%
i243	Industrial	0	0.0	0.00%	0.0	0.00%	233.8	0.01%
i244	Industrial	0	0.0	0.00%	0.0	0.00%	1,889.2	0.04%
d176	Training	51	0.4	0.00%	0.4	0.00%	30.5	0.00%
d180	Training	2	0.0	0.00%	0.0	0.00%	437.7	0.01%
m22oc	Training	0	0.0	0.00%	0.0	0.00%	379.7	0.01%
m22ol	Training	0	0.0	0.00%	0.0	0.00%	379.7	0.01%
m22ext	Training	0	0.0	0.00%	0.0	0.00%	151.9	0.00%
mdisspt	Training	0	0.0	0.00%	0.0	0.00%	143.9	0.00%
m22exts1	Training	0	0.0	0.00%	0.0	0.00%	75.9	0.00%
ta046	Training	0	0.0	0.00%	0.0	0.00%	30.9	0.00%
ta047	Training	1	0.0	0.00%	0.0	0.00%	30.9	0.00%
ta053	Training	0	0.0	0.00%	0.0	0.00%	32.5	0.00%
ta067	Training	0	0.0	0.00%	0.0	0.00%	18.4	0.00%
ta068	Training	0	0.0	0.00%	0.0	0.00%	18.4	0.00%
ta069	Training	0	0.0	0.00%	0.0	0.00%	18.4	0.00%
ta070	Training	142	1,031.2	0.02%	1,254.4	0.03%	590.2	0.01%
ta079	Training	0	0.0	0.00%	0.0	0.00%	171.3	0.00%
ta080	Training	4	120.2	0.00%	80.2	0.00%	222.2	0.01%
ta081	Training	0	0.0	0.00%	0.0	0.00%	55.6	0.00%
ta082	Training	0	0.0	0.00%	0.0	0.00%	30.9	0.00%
ta083	Training	366	100.4	0.00%	2,161.9	0.05%	62.3	0.00%
ta084	Training	293	798.3	0.02%	799.3	0.02%	492.8	0.01%
ta085	Training	6	0.0	0.00%	0.0	0.00%	18.5	0.00%
ta086	Training	74	1.0	0.00%	1.0	0.00%	18.5	0.00%
ta087	Training	3	0.1	0.00%	0.1	0.00%	18.5	0.00%
d191	Service	0	0.0	0.00%	0.0	0.00%	4.1	0.00%
y01	Service	0	0.0	0.00%	0.0	0.00%	72.4	0.00%
y02	Service	138	0.3	0.00%	145.7	0.00%	468.7	0.01%
y23	Service	0	0.0	0.00%	0.0	0.00%	53.8	0.00%
z19	Service	2,556	1,996.5	0.05%	2,019.8	0.05%	81,967.2	1.95%
z99	Service	3	0.0	0.00%	0.0	0.00%	0.5	0.00%
d177	UoE Access	32	10.7	0.00%	10.7	0.00%	82.2	0.00%
DirectorsTime Total		12,337	45,894.4	1.09%	48,635.2	1.16%	144,507.6	3.43%
y07	Service	0	0.0	0.00%	0.0	0.00%	821.9	0.02%
z01	Service	0	0.0	0.00%	0.0	0.00%	821.9	0.02%
z02	Service	18	5.5	0.00%	5.5	0.00%	361.0	0.01%
CSE Total		18	5.5	0.00%	5.5	0.00%	2,004.8	0.05%
Total		130,966	1,812,689.1	43.05%	3,526,139.1	83.75%	3,292,274.0	78.19%

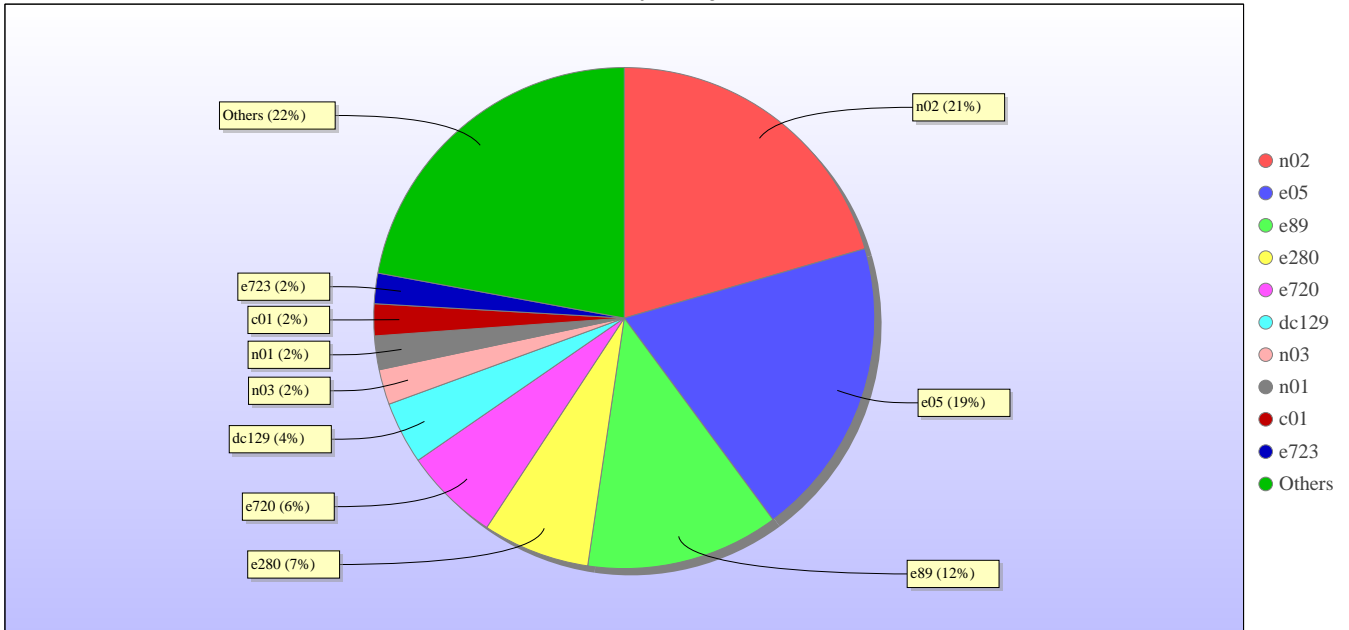
Use by Project



Uncharged Use by Project



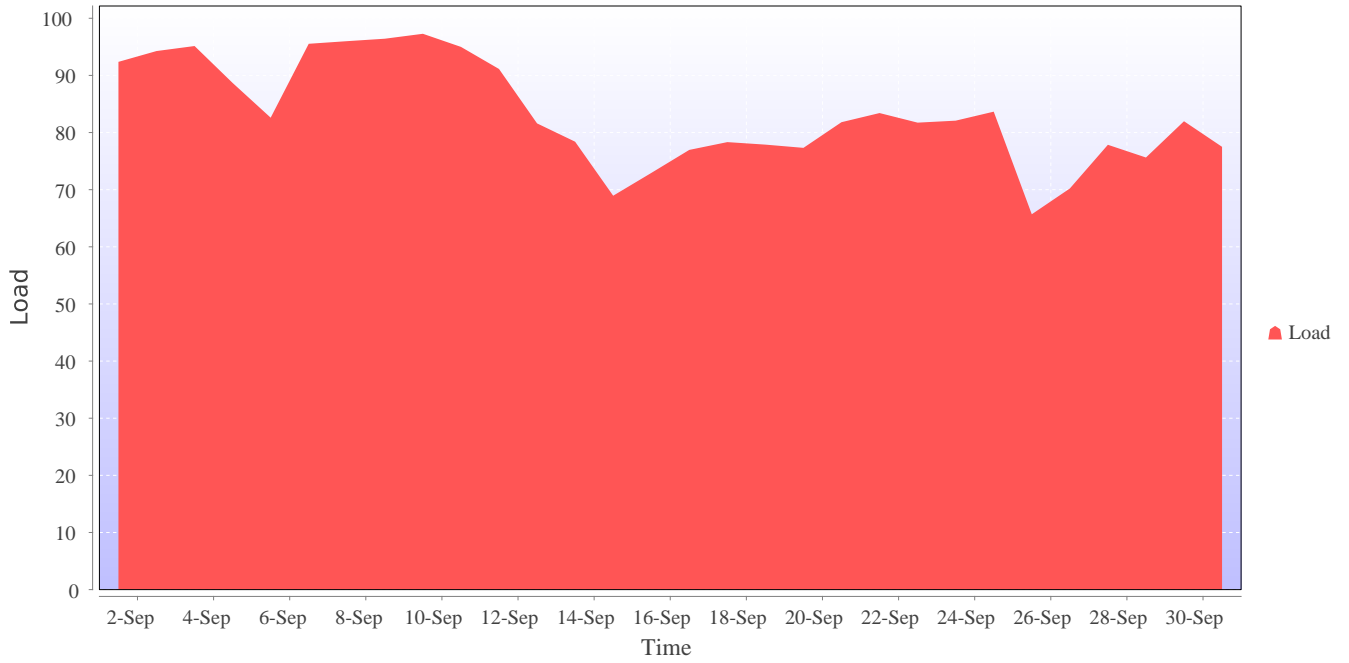
Jobs by Project



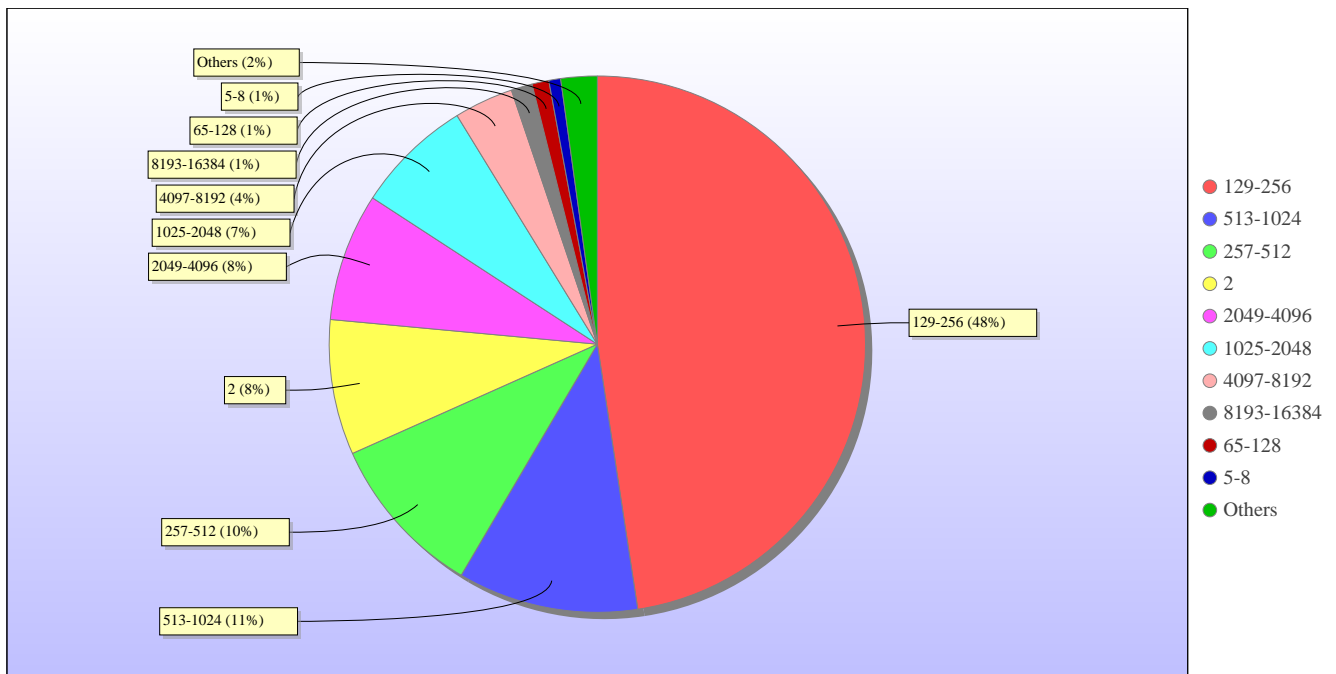
CUs (by Size)

Size	CUs	Number of Jobs
1	0	181
2	0	10,672
3-4	0	200
5-8	0	932
9-16	0	61
17-32	0	378
33-64	0	151
65-128	0	1,335
129-256	135,032.965	62,323
257-512	96,824.696	12,894
513-1024	217,923.742	14,256
1025-2048	207,538.618	9,244
2049-4096	286,457.988	10,101
4097-8192	225,135.452	4,675
8193-16384	243,507.572	1,665
16385-32768	237,250.386	926
32769-65536	107,928.942	288
65537-131072	13,741.938	329
131073-262144	10,833.351	346
262145-524288	6,175.858	4

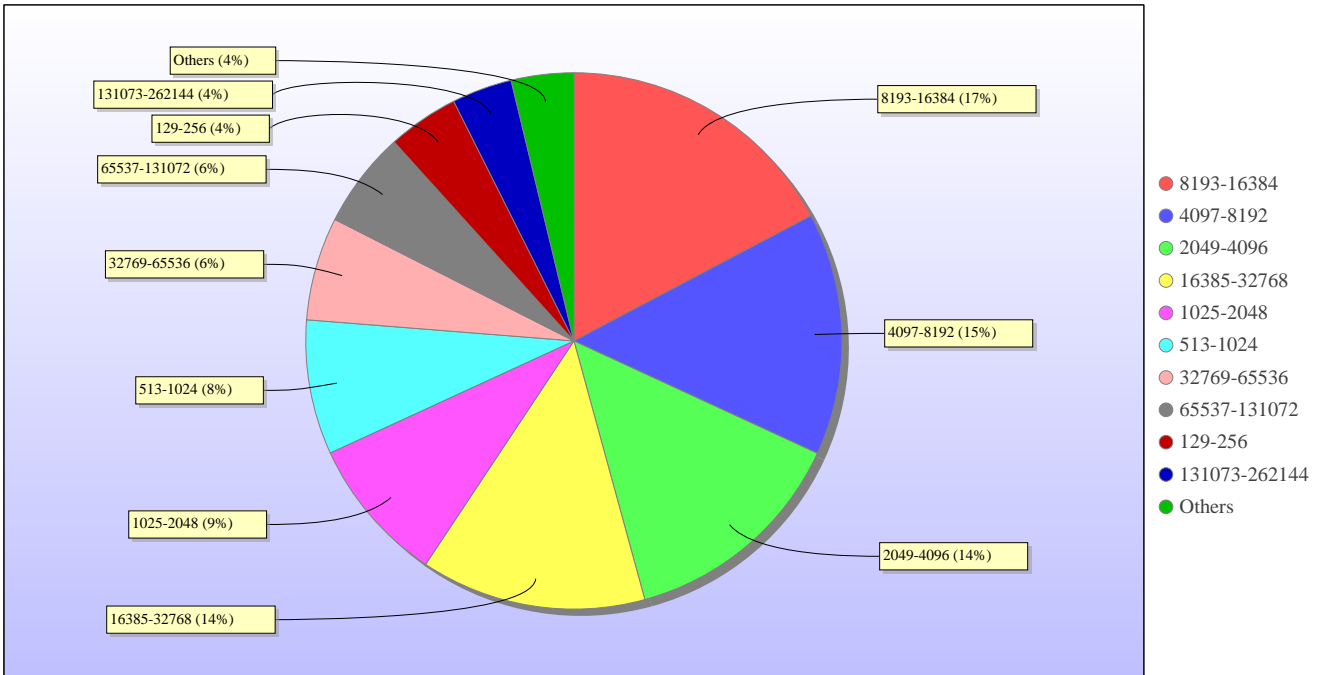
Load plots



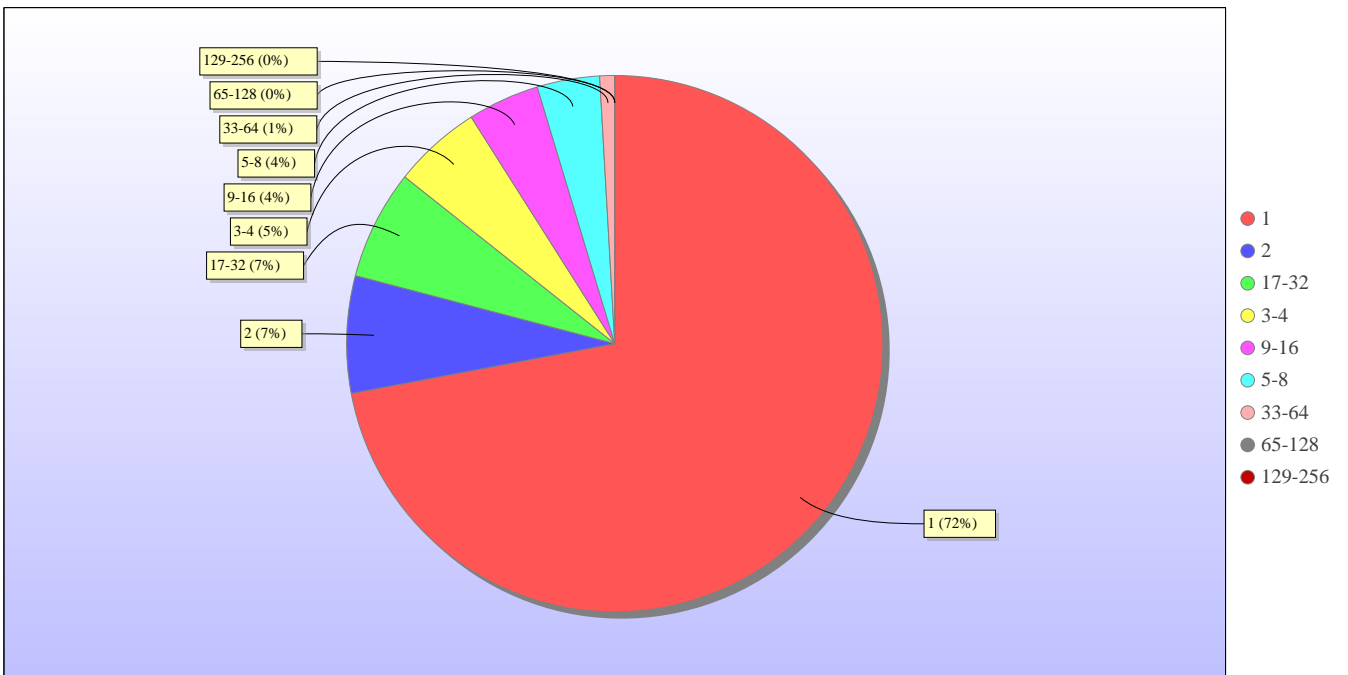
Percentage load on machine



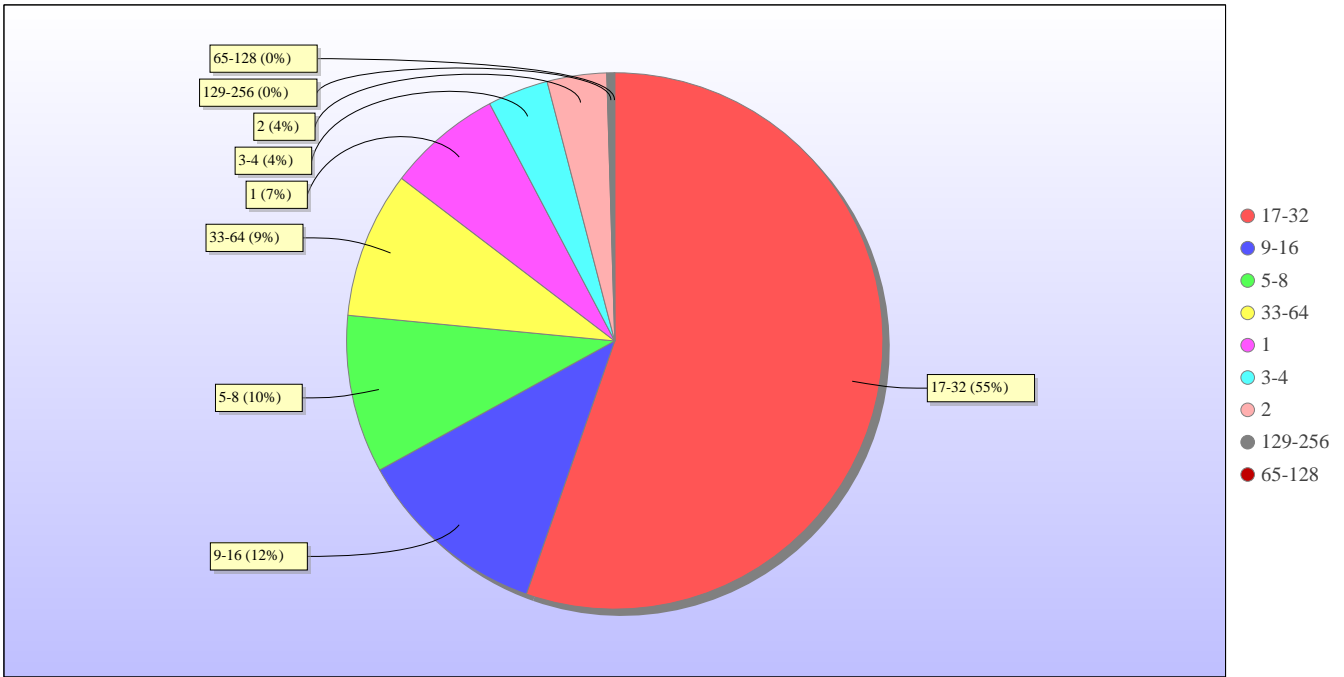
Jobs by Size



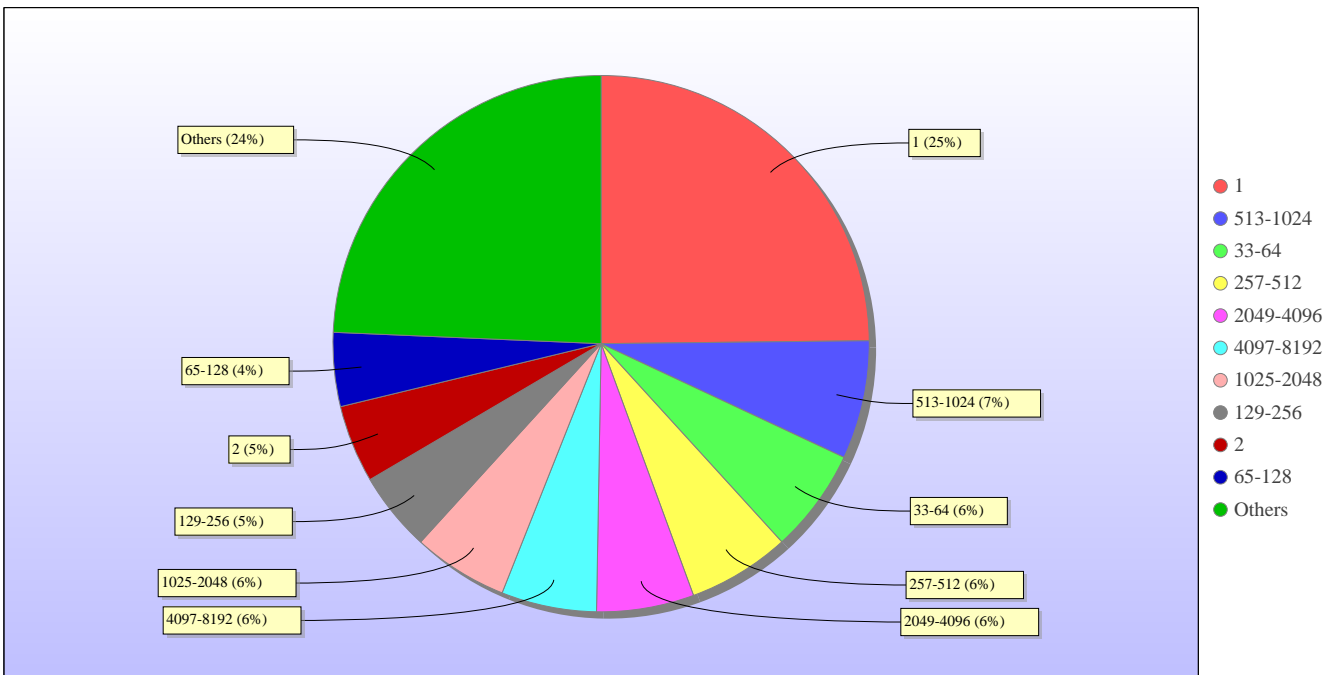
CUs used by Size



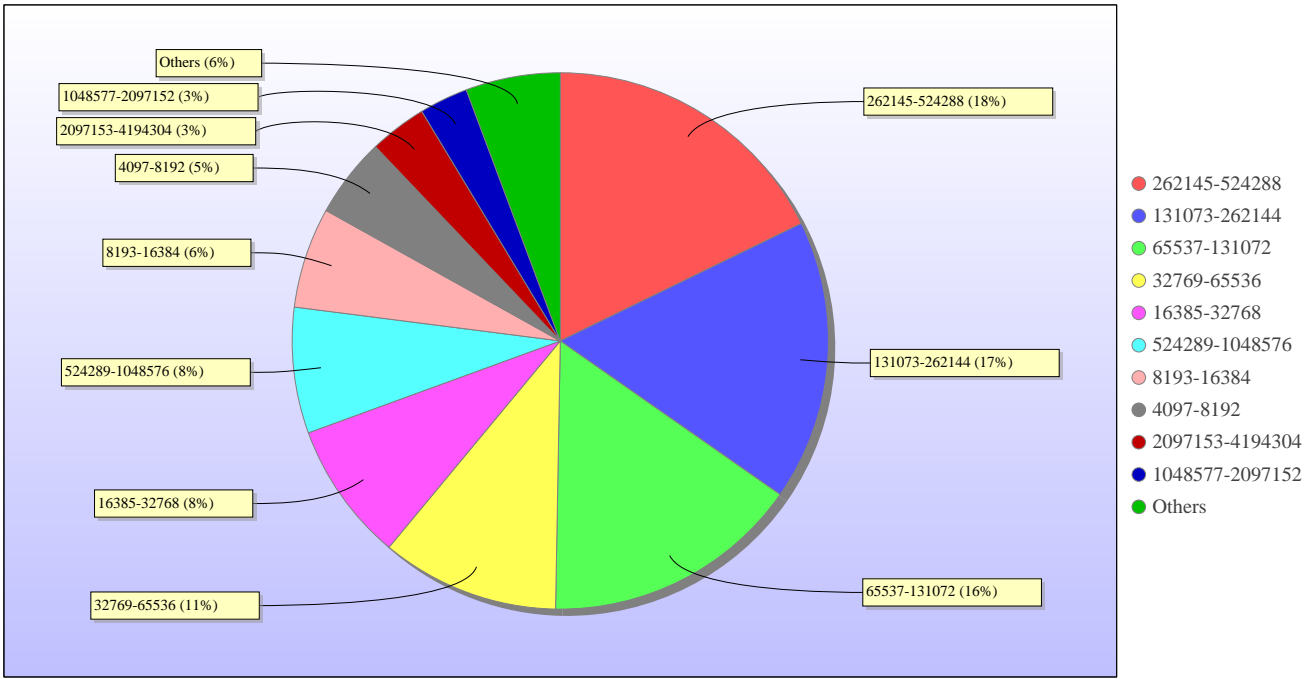
Jobs grouped by wall-clock-hours



CUs used grouped by wall-clock-hours



Jobs grouped by core-hours

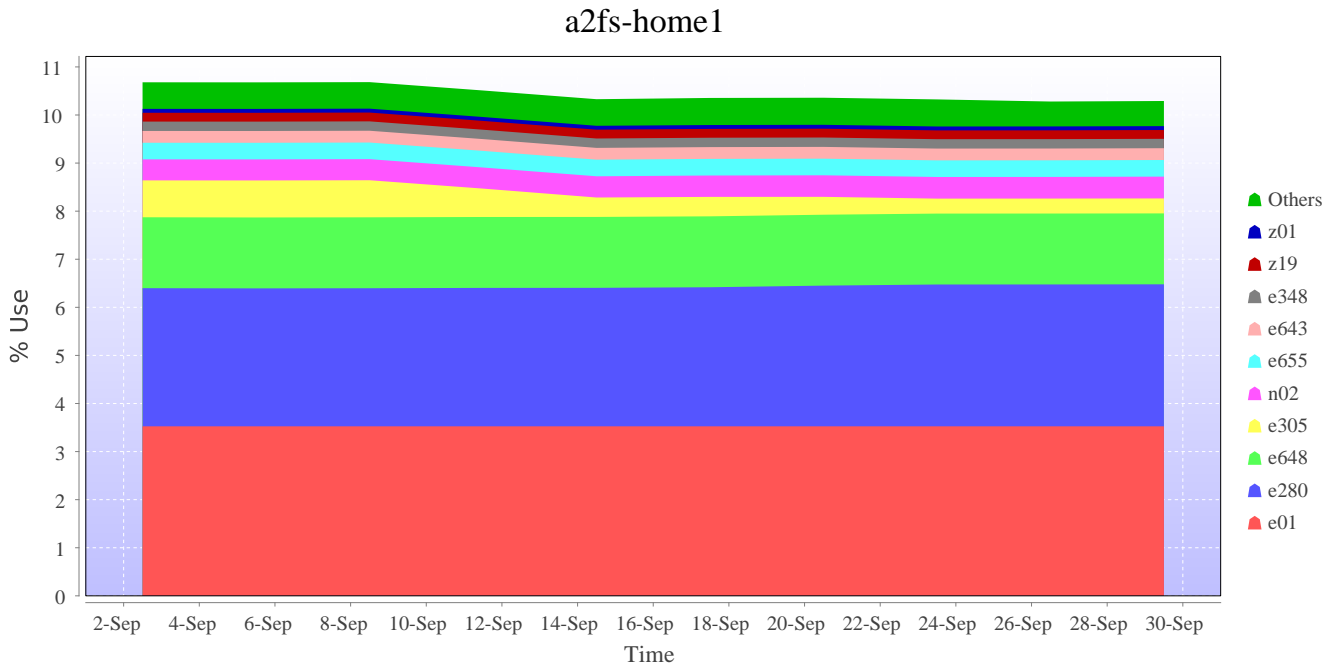


CUs used grouped by core-hours

Disk usage

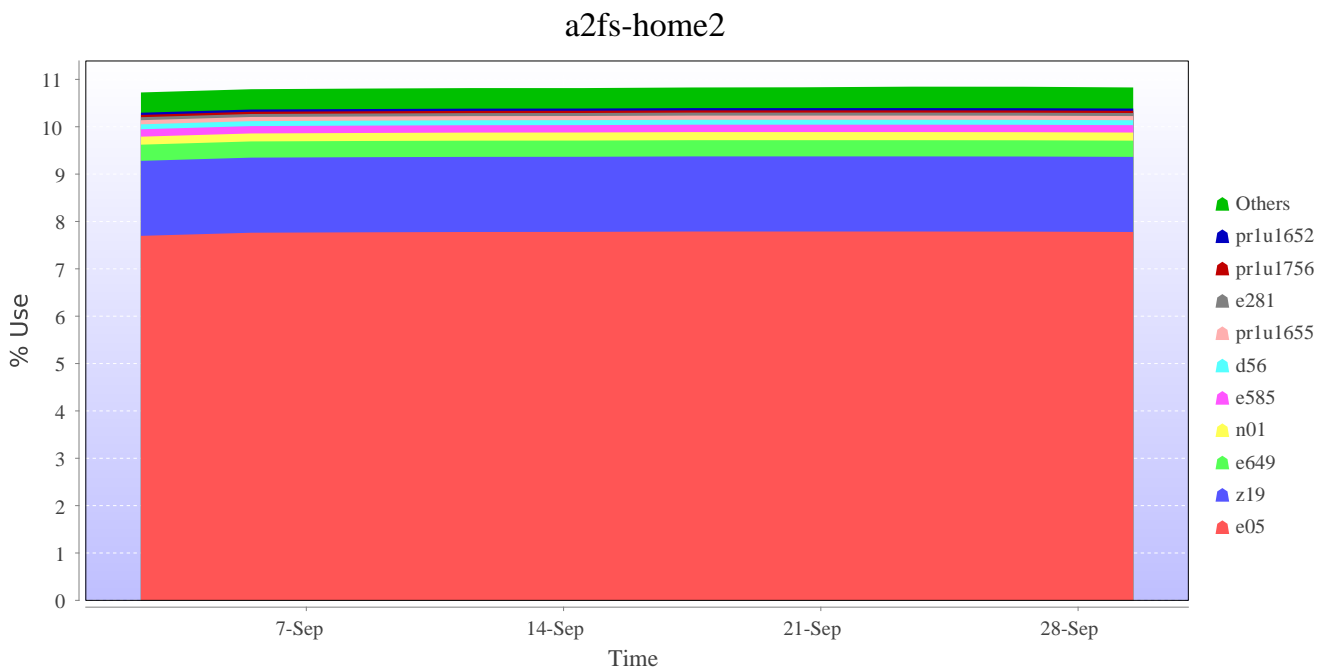
Disk usage for home (a2fs-home1)

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.



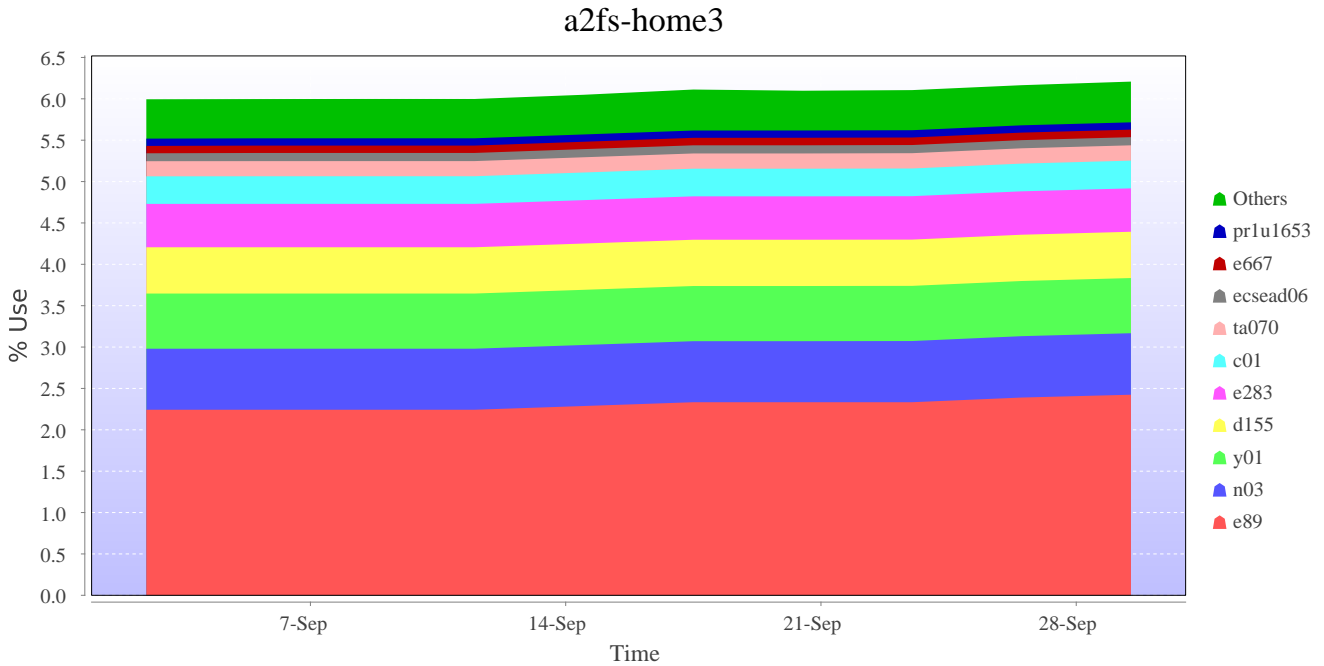
Disk usage for home (a2fs-home2)

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.



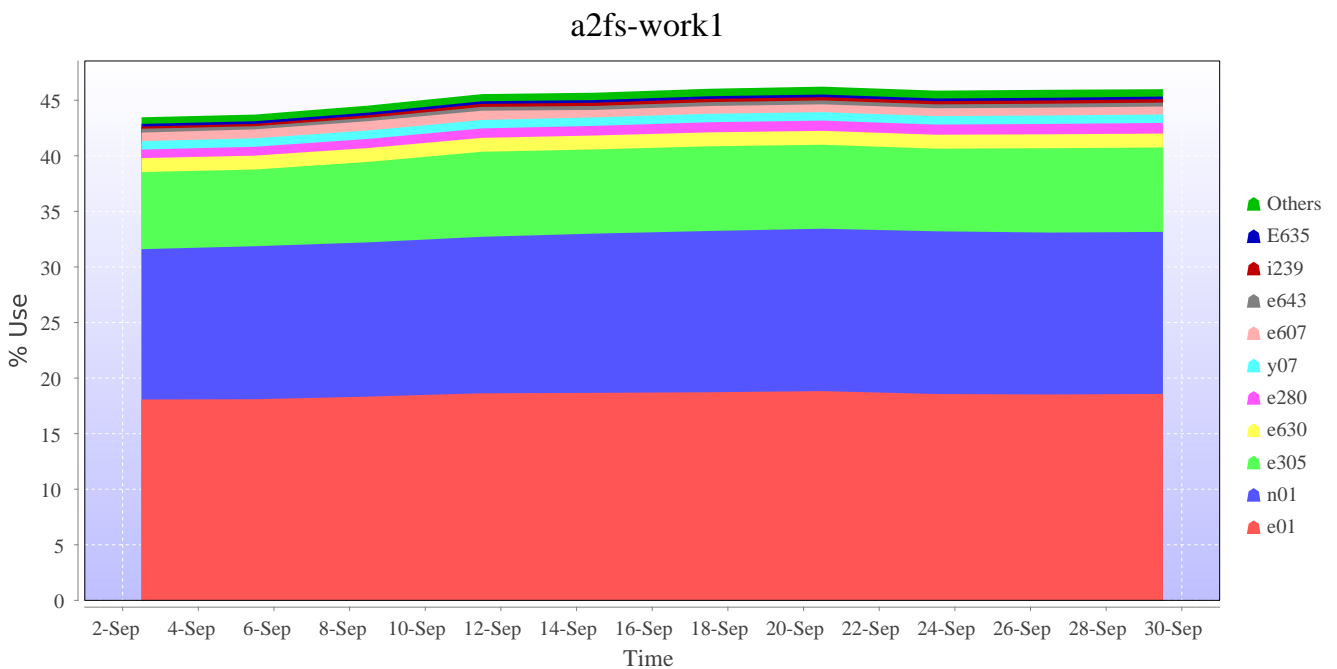
Disk usage for home (a2fs-home3)

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.



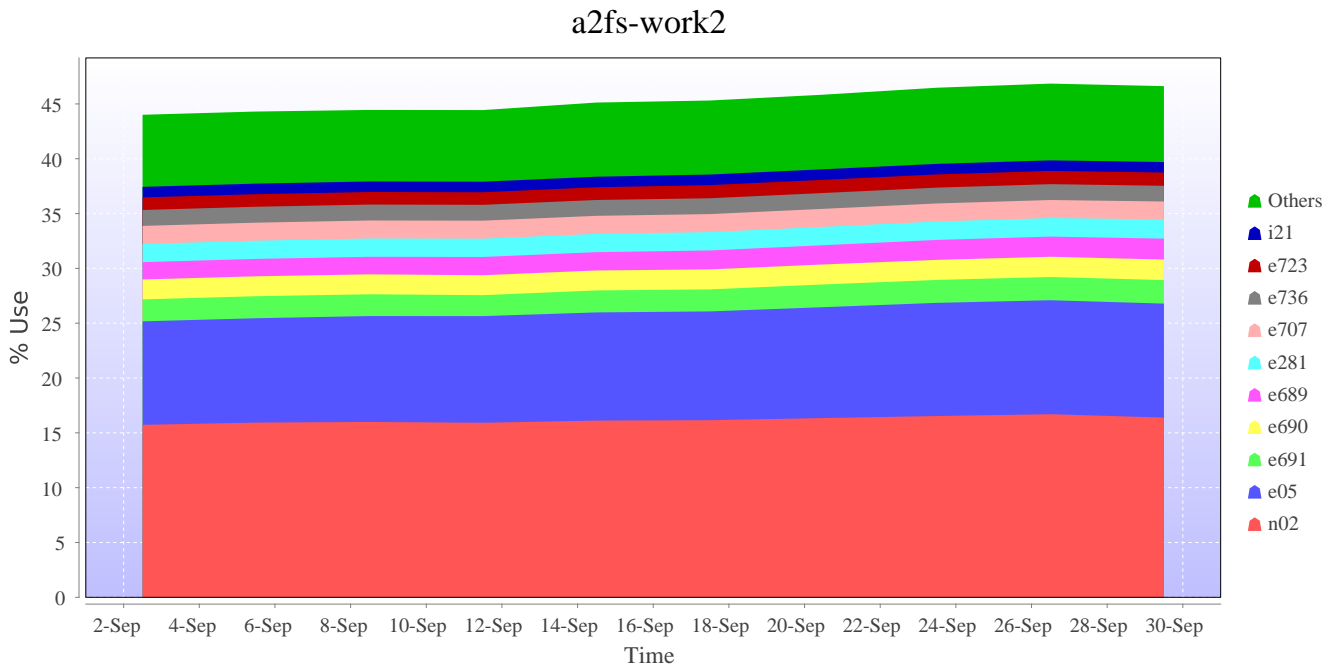
Disk usage for work (a2fs-work1)

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.



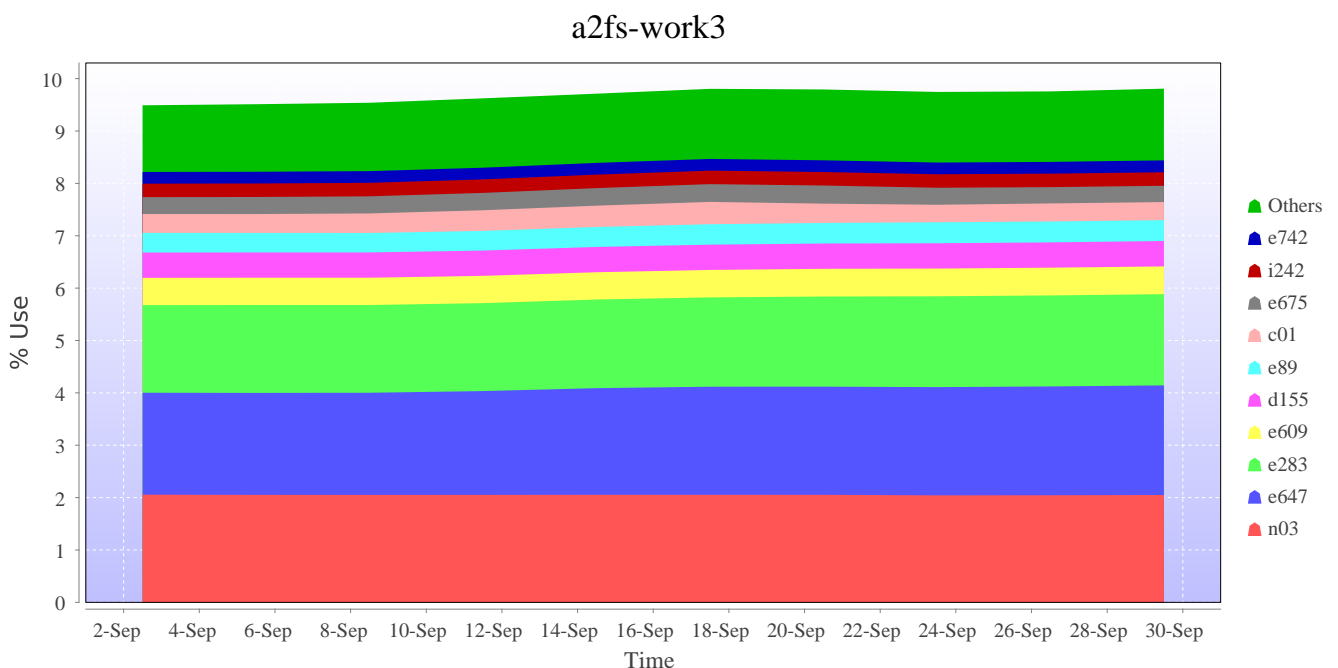
Disk usage for work (a2fs-work2)

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.



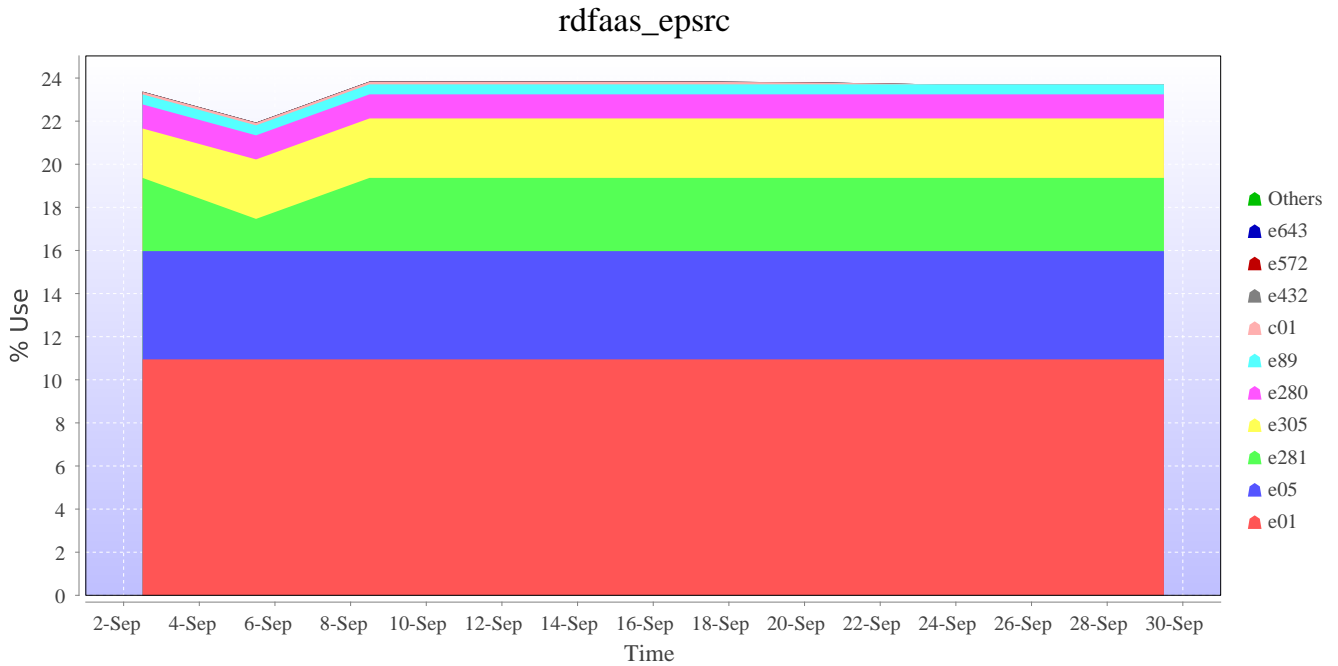
Disk usage for work (a2fs-work3)

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.

