

Monthly Reporting

Report from 01 May 2025 to 31 May 2025

Report for Resource Pool Archer2 on archer2

A total of 4,350,912 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.

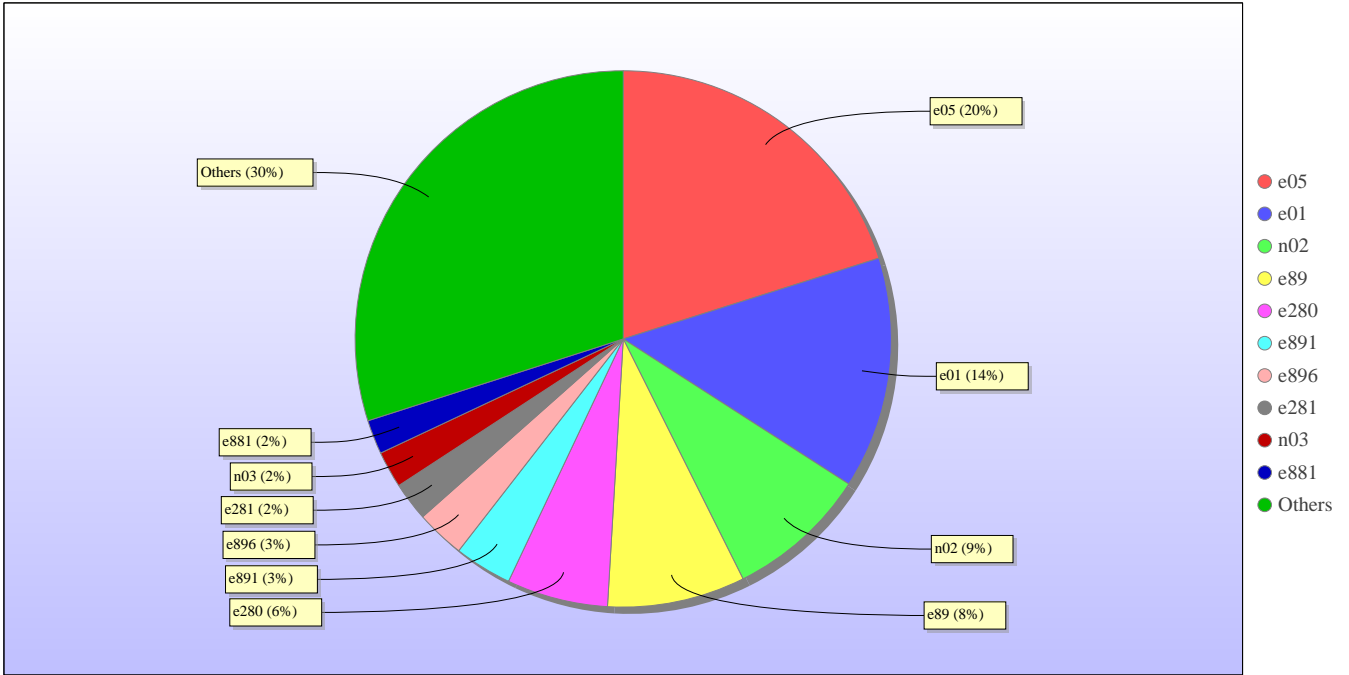
The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend 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
e786	Leadership Awards	42	1,162.8	0.03%	1,162.8	0.03%	9,605.4	0.22%
e820	Leadership Awards	15	581.8	0.01%	581.8	0.01%	8,179.7	0.19%
e821	Leadership Awards	1	4.3	0.00%	4.3	0.00%	3,577.7	0.08%
e861	Leadership Awards	0	0.0	0.00%	0.0	0.00%	6,167.2	0.14%
e862	Leadership Awards	216	876.6	0.02%	876.6	0.02%	1,644.6	0.04%
e731	Pioneer Projects	0	0.0	0.00%	0.0	0.00%	15,909.9	0.37%
e744	Pioneer Projects	375	20,665.2	0.47%	20,703.8	0.48%	20,228.3	0.46%
e808	Pioneer Projects	254	4,103.8	0.09%	10,837.1	0.25%	9,252.1	0.21%
e809	Pioneer Projects	555	26,495.7	0.61%	26,495.7	0.61%	20,135.8	0.46%
e810	Pioneer Projects	59	34,215.2	0.79%	34,215.2	0.79%	35,794.7	0.82%
e812	Pioneer Projects	533	6,678.8	0.15%	6,678.8	0.15%	15,006.8	0.34%
e813	Pioneer Projects	233	3,686.1	0.08%	4,001.1	0.09%	28,129.1	0.65%
e815	Pioneer Projects	300	16,001.3	0.37%	16,001.3	0.37%	22,612.9	0.52%
e817	Pioneer Projects	297	56,895.6	1.31%	63,609.8	1.46%	76,729.7	1.76%
c01	Class1a	143	49,291.9	1.13%	49,292.0	1.13%	24,757.5	0.57%
e348	Class1a	24,633	42,706.6	0.98%	42,760.4	0.98%	48,758.3	1.12%
e643	Class1a	180	2,397.1	0.06%	2,397.1	0.06%	14,253.0	0.33%
e647	Class1a	393	442.3	0.01%	442.3	0.01%	1,698.6	0.04%
e705	Class1a	3	374.3	0.01%	374.3	0.01%	3,995.4	0.09%
e707	Class1a	182	53.2	0.00%	13,142.8	0.30%	11,303.0	0.26%
e710	Class1a	0	0.0	0.00%	0.0	0.00%	1,957.1	0.04%
e712	Class1a	2	18.5	0.00%	18.5	0.00%	20,212.8	0.46%
e720	Class1a	5,417	34,642.1	0.80%	35,274.3	0.81%	37,003.0	0.85%
e721	Class1a	10	20.3	0.00%	20.5	0.00%	904.2	0.02%
e728	Class1a	6	0.1	0.00%	38.5	0.00%	1,797.0	0.04%
e751	Class1a	246	30,937.4	0.71%	30,937.4	0.71%	7,709.0	0.18%
e767	Class1a	997	7,612.9	0.17%	7,708.3	0.18%	20,768.3	0.48%
e770	Class1a	6	918.8	0.02%	918.8	0.02%	11,796.1	0.27%

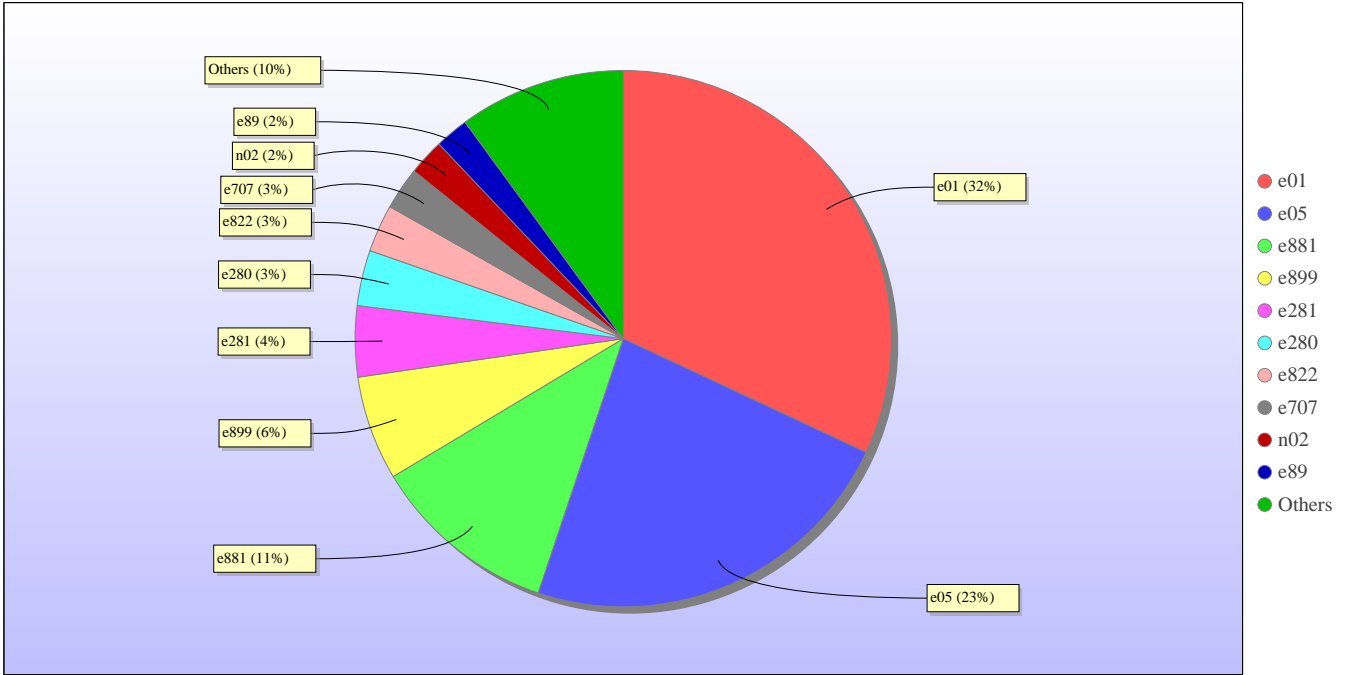
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e835	Class1a	211	9,156.6	0.21%	9,156.6	0.21%	10,758.3	0.25%
e838	Class1a	210	3,796.7	0.09%	3,801.0	0.09%	11,888.0	0.27%
e855	Class1a	111	48,171.1	1.11%	52,858.8	1.21%	38,758.8	0.89%
e886	Class1a	280	30,508.1	0.70%	30,537.7	0.70%	14,931.9	0.34%
e891	Class1a	156	128,189.3	2.95%	137,958.3	3.17%	72,367.2	1.66%
e892	Class1a	0	0.0	0.00%	0.0	0.00%	428.3	0.01%
e01	Consortia	3,740	391,223.6	8.99%	554,495.4	12.74%	350,556.8	8.06%
e05	Consortia	37,997	680,619.1	15.64%	798,932.4	18.36%	792,309.5	18.21%
e89	Consortia	27,826	319,453.4	7.34%	329,791.6	7.58%	379,932.3	8.73%
e280	Consortia	7,361	225,013.5	5.17%	242,119.8	5.56%	213,733.3	4.91%
e281	Consortia	2,094	70,850.8	1.63%	92,642.7	2.13%	119,917.1	2.76%
e283	Consortia	3,246	80,834.0	1.86%	81,305.6	1.87%	72,635.5	1.67%
e772	Consortia	1,699	56,566.8	1.30%	65,829.7	1.51%	64,120.0	1.47%
e773	Consortia	2,171	11,243.2	0.26%	11,261.7	0.26%	31,707.5	0.73%
d885	Pump Priming	0	0.0	0.00%	0.0	0.00%	66.3	0.00%
e853	Pump Priming	3	0.2	0.00%	0.2	0.00%	225.0	0.01%
e885	Pump Priming	0	0.0	0.00%	0.0	0.00%	66.3	0.00%
e887	Pump Priming	0	0.0	0.00%	0.0	0.00%	674.1	0.02%
e888	Pump Priming	0	0.0	0.00%	0.0	0.00%	685.2	0.02%
e889	Pump Priming	0	0.0	0.00%	0.0	0.00%	620.1	0.01%
e890	Pump Priming	9	41.2	0.00%	41.2	0.00%	378.3	0.01%
e893	Pump Priming	33	534.2	0.01%	534.2	0.01%	680.3	0.02%
e894	Pump Priming	0	0.0	0.00%	0.0	0.00%	690.7	0.02%
e900	Pump Priming	0	0.0	0.00%	0.0	0.00%	152.7	0.00%
e907	Pump Priming	7	207.2	0.00%	228.3	0.01%	681.1	0.02%
e908	Pump Priming	27	1.6	0.00%	1.6	0.00%	565.3	0.01%
e910	Pump Priming	0	0.0	0.00%	0.0	0.00%	97.1	0.00%
e911	Pump Priming	10	24.3	0.00%	24.3	0.00%	670.4	0.02%
e912	Pump Priming	175	311.3	0.01%	311.3	0.01%	648.6	0.01%
e913	Pump Priming	0	0.0	0.00%	0.0	0.00%	677.6	0.02%
e914	Pump Priming	0	0.0	0.00%	0.0	0.00%	712.3	0.02%
e915	Pump Priming	0	0.0	0.00%	0.0	0.00%	534.1	0.01%
e916	Pump Priming	35	1,721.9	0.04%	1,721.9	0.04%	239.8	0.01%
e917	Pump Priming	6	136.9	0.00%	136.9	0.00%	281.4	0.01%
e918	Pump Priming	0	0.0	0.00%	0.0	0.00%	205.1	0.00%
z61	Research	0	0.0	0.00%	0.0	0.00%	0.4	0.00%
d201	GPU 1b	445	3,309.5	0.08%	3,309.5	0.08%	2,938.5	0.07%
e727	Access to HPC	226	2,945.5	0.07%	2,969.5	0.07%	7,341.9	0.17%
e804	Access to HPC	180	10,363.6	0.24%	10,373.6	0.24%	28,226.5	0.65%
e822	Access to HPC	343	33,225.2	0.76%	47,878.6	1.10%	21,658.1	0.50%
e845	Access to HPC	578	11,449.6	0.26%	12,223.7	0.28%	14,143.4	0.33%
e850	Access to HPC	674	2,563.7	0.06%	2,581.2	0.06%	17,207.9	0.40%
e863	Access to HPC	25	1,546.5	0.04%	1,546.5	0.04%	8,727.8	0.20%
e864	Access to HPC	382	3,908.9	0.09%	3,909.1	0.09%	10,895.0	0.25%
e865	Access to HPC	1,079	35,974.4	0.83%	36,068.1	0.83%	25,319.0	0.58%
e866	Access to HPC	0	0.0	0.00%	0.0	0.00%	37,698.7	0.87%
e868	Access to HPC	48	2,260.2	0.05%	2,261.2	0.05%	6,068.0	0.14%
e870	Access to HPC	0	0.0	0.00%	0.0	0.00%	2,966.6	0.07%
e871	Access to HPC	21	252.4	0.01%	252.4	0.01%	1,011.3	0.02%
e875	Access to HPC	6	0.0	0.00%	0.2	0.00%	3,691.0	0.08%
e876	Access to HPC	14	864.2	0.02%	864.2	0.02%	2,093.5	0.05%
e877	Access to HPC	332	48,378.3	1.11%	51,325.5	1.18%	71,958.5	1.65%
e878	Access to HPC	0	0.0	0.00%	0.0	0.00%	9.6	0.00%
e881	Access to HPC	190	24,237.6	0.56%	81,790.6	1.88%	8,619.0	0.20%
e882	Access to HPC	80	10,253.2	0.24%	10,253.2	0.24%	9,197.8	0.21%
e883	Access to HPC	1,868	25,604.7	0.59%	25,697.9	0.59%	12,524.5	0.29%
e884	Access to HPC	302	44,759.9	1.03%	44,759.9	1.03%	16,855.5	0.39%
e895	Access to HPC	0	0.0	0.00%	0.0	0.00%	17,215.6	0.40%
e896	Access to HPC	233	114,167.3	2.62%	116,835.1	2.69%	60,679.7	1.39%
e897	Access to HPC	103	1,110.9	0.03%	1,127.8	0.03%	4,423.9	0.10%
e898	Access to HPC	4,429	42,431.4	0.98%	42,558.1	0.98%	47,666.3	1.10%
e899	Access to HPC	167	38,691.5	0.89%	70,842.2	1.63%	16,419.5	0.38%
e903	Access to HPC	1,531	54,177.3	1.25%	55,244.5	1.27%	25,275.1	0.58%

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e904	Access to HPC	12	2,677.7	0.06%	2,677.7	0.06%	26,383.5	0.61%
e905	Access to HPC	1,204	193.0	0.00%	193.0	0.00%	19,627.0	0.45%
e906	Access to HPC	746	25,141.7	0.58%	27,481.9	0.63%	15,899.5	0.37%
e909	Access to HPC	161	259.2	0.01%	497.3	0.01%	28,143.6	0.65%
EPSRC Total		137,884	2,940,135.3	67.58%	3,437,707.2	79.01%	3,234,369.8	74.34%
n01	Consortia	2,030	28,391.2	0.65%	28,502.8	0.66%	75,504.1	1.74%
n02	Consortia	56,460	327,550.0	7.53%	338,683.9	7.78%	388,986.3	8.94%
n03	Consortia	2,330	87,532.0	2.01%	87,840.3	2.02%	53,931.5	1.24%
NERC Total		60,820	443,473.2	10.19%	455,026.9	10.46%	518,421.9	11.92%
b19	Class1a	111	501.1	0.01%	501.1	0.01%	1,480.1	0.03%
BBSRC Total		111	501.1	0.01%	501.1	0.01%	1,480.1	0.03%
e756	Leadership Awards	154	305.9	0.01%	305.9	0.01%	6,814.7	0.16%
e760	Leadership Awards	0	0.0	0.00%	0.0	0.00%	557.8	0.01%
e860	Leadership Awards	118	494.3	0.01%	494.3	0.01%	1,694.0	0.04%
e738	Class1a	0	0.0	0.00%	0.0	0.00%	6,782.8	0.16%
UKRI Total		272	800.3	0.02%	800.3	0.02%	15,849.3	0.36%
ecseag09	eCSE	5	2.4	0.00%	2.4	0.00%	167.4	0.00%
ecseah01	eCSE	0	0.0	0.00%	0.0	0.00%	101.8	0.00%
ecseah05	eCSE	1,090	93.7	0.00%	107.4	0.00%	54.4	0.00%
ecseai12	eCSE	0	0.0	0.00%	0.0	0.00%	58.9	0.00%
ecseaj02	eCSE	0	0.0	0.00%	0.0	0.00%	59.3	0.00%
ecseak01	eCSE	219	367.2	0.01%	367.2	0.01%	62.9	0.00%
ecseak02	eCSE	0	0.0	0.00%	0.0	0.00%	141.0	0.00%
ecseak03	eCSE	5	0.0	0.00%	0.0	0.00%	67.9	0.00%
ecseak05	eCSE	327	39.8	0.00%	39.8	0.00%	125.7	0.00%
ecseak07	eCSE	0	0.0	0.00%	0.0	0.00%	63.7	0.00%
ecseak09	eCSE	0	0.0	0.00%	0.0	0.00%	56.5	0.00%
ecseak12	eCSE	57	1.8	0.00%	2.2	0.00%	41.6	0.00%
ecseak14	eCSE	0	0.0	0.00%	0.0	0.00%	166.8	0.00%
ecseak15	eCSE	0	0.0	0.00%	0.0	0.00%	169.9	0.00%
ecseak16	eCSE	56	181.1	0.00%	181.1	0.00%	70.3	0.00%
ecsega10	eCSE	20	8.5	0.00%	8.5	0.00%	74.8	0.00%
ecsega20	eCSE	0	0.0	0.00%	0.0	0.00%	135.9	0.00%
ecsega23	eCSE	0	0.0	0.00%	0.0	0.00%	154.2	0.00%
ecsega29	eCSE	4	0.0	0.00%	2.3	0.00%	200.3	0.00%
ecsegb66	eCSE	0	0.0	0.00%	0.0	0.00%	29.7	0.00%
eCSE Total		1,783	694.5	0.02%	711.0	0.02%	2,002.9	0.05%
e609	Class1a	74	277.8	0.01%	280.4	0.01%	1,698.6	0.04%
e758	Class1a	0	0.0	0.00%	0.0	0.00%	20.4	0.00%
d35	Research	91	260.8	0.01%	262.5	0.01%	4,144.4	0.10%
d142	Research	17	1,326.3	0.03%	1,326.3	0.03%	424.7	0.01%
d183	Research	0	0.0	0.00%	0.0	0.00%	83.3	0.00%
d184	Research	0	0.0	0.00%	0.0	0.00%	4.2	0.00%
d196	Research	0	0.0	0.00%	0.0	0.00%	42.5	0.00%
d197	Research	0	0.0	0.00%	0.0	0.00%	226.3	0.01%
d198	Research	75	2,401.4	0.06%	2,401.4	0.06%	2,176.4	0.05%
d202	Research	1,772	679.0	0.02%	679.0	0.02%	4,246.6	0.10%
d203	Research	0	0.0	0.00%	0.0	0.00%	8.5	0.00%
d435	Research	48	0.6	0.00%	1.0	0.00%	1,712.7	0.04%
d443	Research	0	0.0	0.00%	0.0	0.00%	1,630.7	0.04%
d445	Research	8	5.4	0.00%	6.2	0.00%	105.0	0.00%
d450	Research	96	130.6	0.00%	130.6	0.00%	6,235.6	0.14%
d451	Research	0	0.0	0.00%	0.0	0.00%	84.9	0.00%
i246	Research	42	0.0	0.00%	742.4	0.02%	0.1	0.00%
d195	Industrial	0	0.0	0.00%	0.0	0.00%	37.4	0.00%
d433	Industrial	29	10.5	0.00%	10.5	0.00%	55.2	0.00%
d434	Industrial	0	0.0	0.00%	0.0	0.00%	17.0	0.00%
d440	Industrial	0	0.0	0.00%	0.0	0.00%	0.8	0.00%
d441	Industrial	0	0.0	0.00%	0.0	0.00%	151.7	0.00%
i18	Industrial	0	0.0	0.00%	0.0	0.00%	1,122.6	0.03%

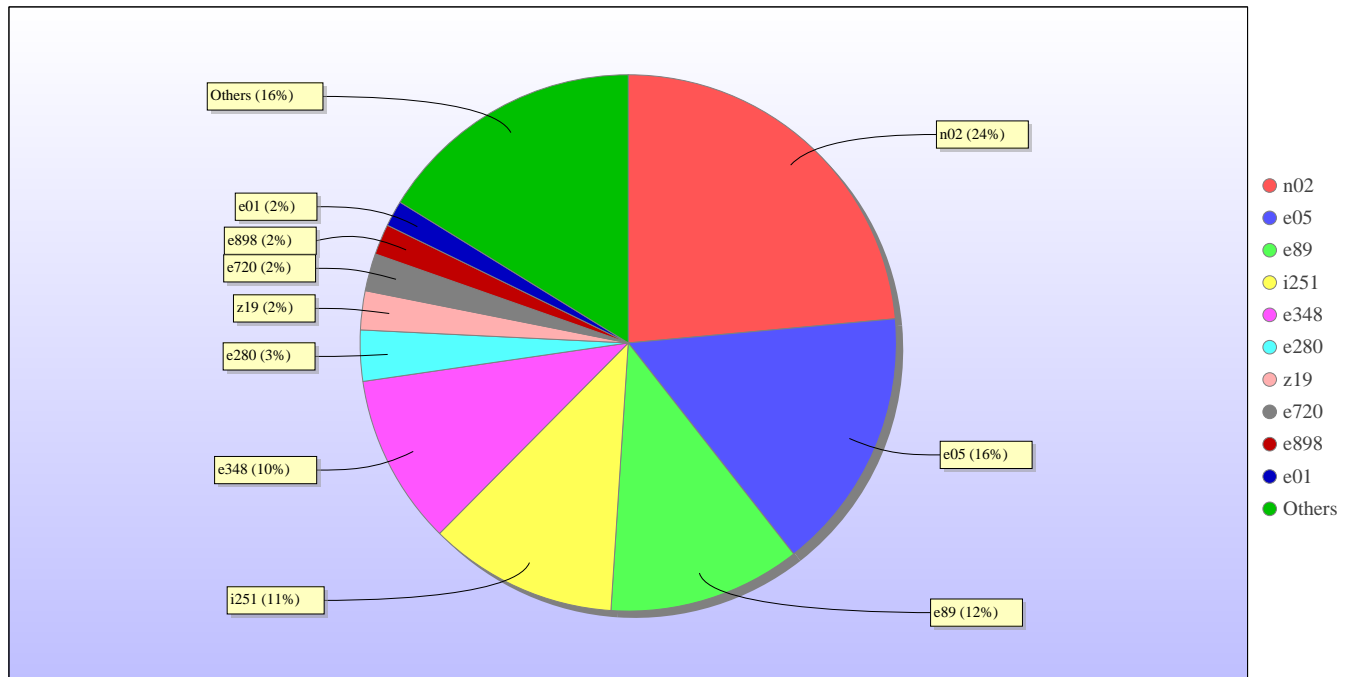
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i26	Industrial	0	0.0	0.00%	0.0	0.00%	92.5	0.00%
i030	Industrial	8	19.8	0.00%	19.8	0.00%	44.6	0.00%
i239	Industrial	415	2,217.6	0.05%	2,217.6	0.05%	1,804.8	0.04%
i241	Industrial	74	29.1	0.00%	29.1	0.00%	875.6	0.02%
i242	Industrial	0	0.0	0.00%	0.0	0.00%	813.6	0.02%
i243	Industrial	16	2,292.1	0.05%	2,292.1	0.05%	577.4	0.01%
i248	Industrial	21	17,733.7	0.41%	17,733.7	0.41%	16,998.0	0.39%
i251	Industrial	27,302	5,532.8	0.13%	6,153.2	0.14%	2,932.4	0.07%
i252	Industrial	697	1,041.9	0.02%	1,041.9	0.02%	2,059.3	0.05%
i254	Industrial	89	2,483.7	0.06%	2,483.7	0.06%	344.3	0.01%
m220l	Training	0	0.0	0.00%	0.0	0.00%	339.2	0.01%
m24hw	Training	0	0.0	0.00%	0.0	0.00%	482.9	0.01%
m240c	Training	656	1,046.5	0.02%	1,046.5	0.02%	965.7	0.02%
m240l	Training	83	71.8	0.00%	71.8	0.00%	482.9	0.01%
m24ext	Training	1	0.1	0.00%	0.1	0.00%	96.6	0.00%
mdisspt	Training	317	14.0	0.00%	14.0	0.00%	594.5	0.01%
ta156	Training	0	0.0	0.00%	0.0	0.00%	31.8	0.00%
ta157	Training	0	0.0	0.00%	0.0	0.00%	508.2	0.01%
ta169	Training	0	0.0	0.00%	0.0	0.00%	20.4	0.00%
ta170	Training	86	326.8	0.01%	326.8	0.01%	510.5	0.01%
ta179	Training	7	0.1	0.00%	0.1	0.00%	482.9	0.01%
ta186	Training	1	0.0	0.00%	0.0	0.00%	35.2	0.00%
ta188	Training	223	435.6	0.01%	466.0	0.01%	767.1	0.02%
ta195	Training	0	0.0	0.00%	0.0	0.00%	34.4	0.00%
ta199	Training	0	0.0	0.00%	0.0	0.00%	90.0	0.00%
ta200	Training	13	0.4	0.00%	0.8	0.00%	134.4	0.00%
ta201	Training	3	0.0	0.00%	0.0	0.00%	12.7	0.00%
ta202	Training	71	65.0	0.00%	65.0	0.00%	254.1	0.01%
ta203	Training	0	0.0	0.00%	0.0	0.00%	57.8	0.00%
Scottish Academic Access UoE	UoE Access	0	0.0	0.00%	0.0	0.00%	718.4	0.02%
Scottish Academic Access UoE	UoE Access	169	17,653.9	0.41%	17,653.9	0.41%	7,887.2	0.18%
d444	Service	375	223.5	0.01%	223.5	0.01%	1,523.7	0.04%
y01	Service	9	0.9	0.00%	0.6	0.00%	74.8	0.00%
y02	Service	150	1.0	0.00%	6.1	0.00%	2,120.4	0.05%
y07	Service	0	0.0	0.00%	0.0	0.00%	28.3	0.00%
z02	Service	6	0.0	0.00%	0.4	0.00%	84.9	0.00%
z19	Service	5,631	15,830.8	0.36%	15,284.9	0.35%	4,246.6	0.10%
z41	Service	0	0.0	0.00%	0.0	0.00%	1.1	0.00%
z99	Service	0	0.0	0.00%	0.0	0.00%	84.9	0.00%
d447	UoE Access	57	805.5	0.02%	805.5	0.02%	3,040.5	0.07%
d448	UoE Access	8	3.4	0.00%	3.4	0.00%	2,449.8	0.06%
d449	UoE Access	15	187.0	0.00%	187.0	0.00%	171.3	0.00%
d453	UoE Access	0	0.0	0.00%	0.0	0.00%	847.0	0.02%
DirectorsTime Total		38,755	73,109.4	1.68%	73,967.9	1.70%	79,952.2	1.84%
ta135	Training	1	586.9	0.01%	586.9	0.01%	0.0	0.00%
Total		1	586.9	0.01%	586.9	0.01%	0.0	0.00%
Total		239,626	3,459,300.7	79.51%	3,969,301.3	91.23%	3,852,076.2	88.53%



Use by Project



Uncharged Use by Project

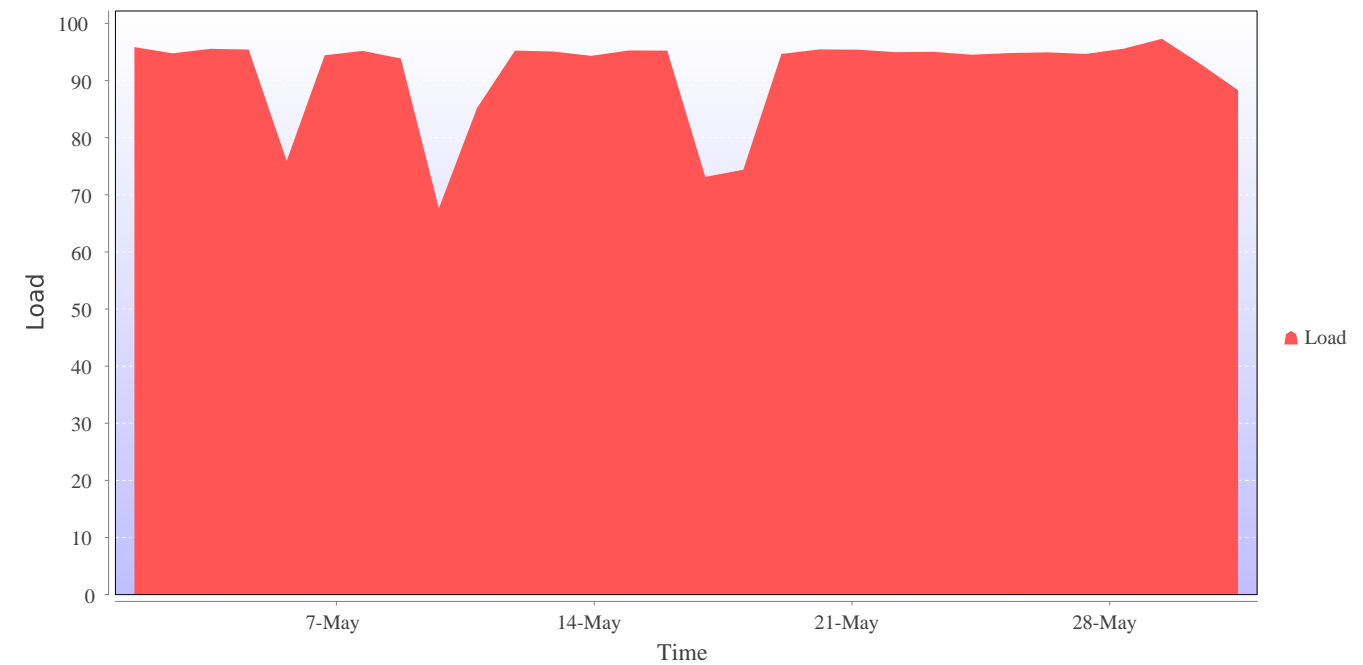


Jobs by Project

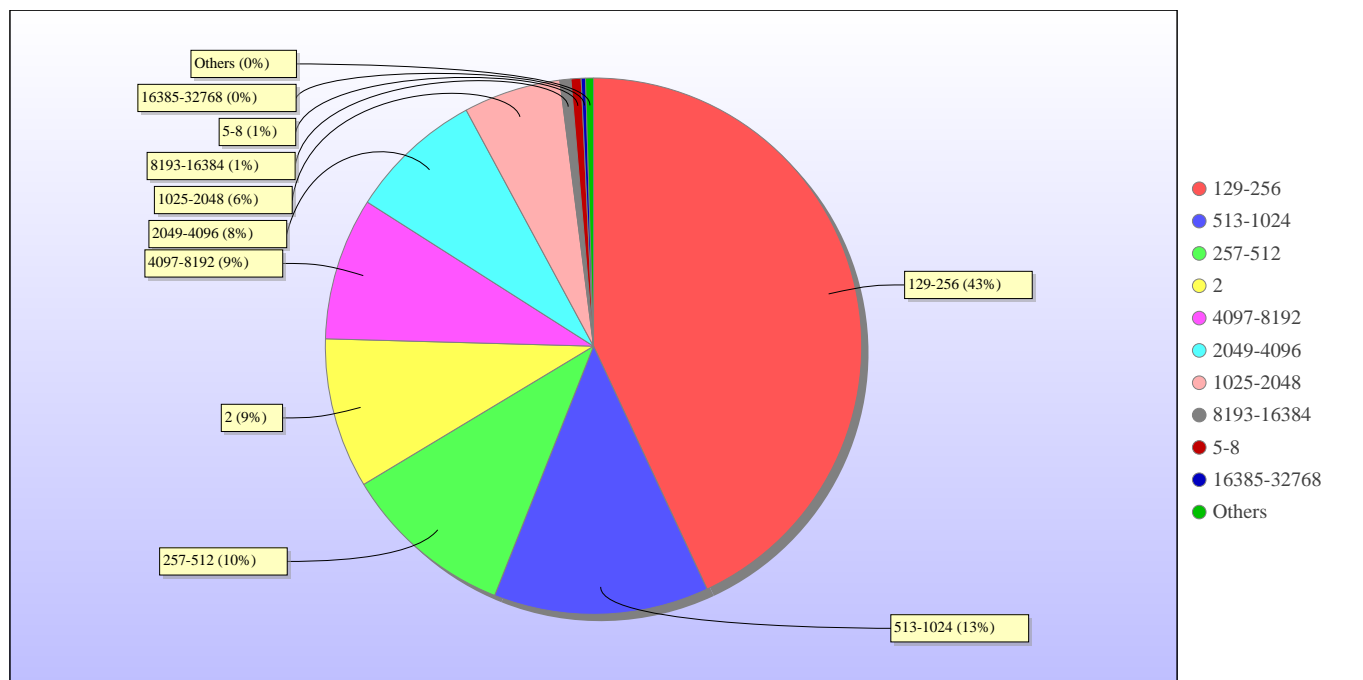
CUs (by Size)

Size	CUs	Number of Jobs
1	0	20
2	0	21,704
3-4	0	158
5-8	0	1,454
9-16	0.005	73
17-32	2.41	337
33-64	0	62
65-128	0	7
129-256	164,717.064	103,137
257-512	169,842.21	24,850
513-1024	380,829.558	31,081
1025-2048	408,704.459	14,054
2049-4096	642,803.76	19,414
4097-8192	459,418.882	20,576
8193-16384	558,573.195	1,591
16385-32768	276,442.797	625
32769-65536	137,829.901	349
65537-131072	160,165.413	97
131073-262144	50,763.289	34
524289-1048576	49,207.75	3

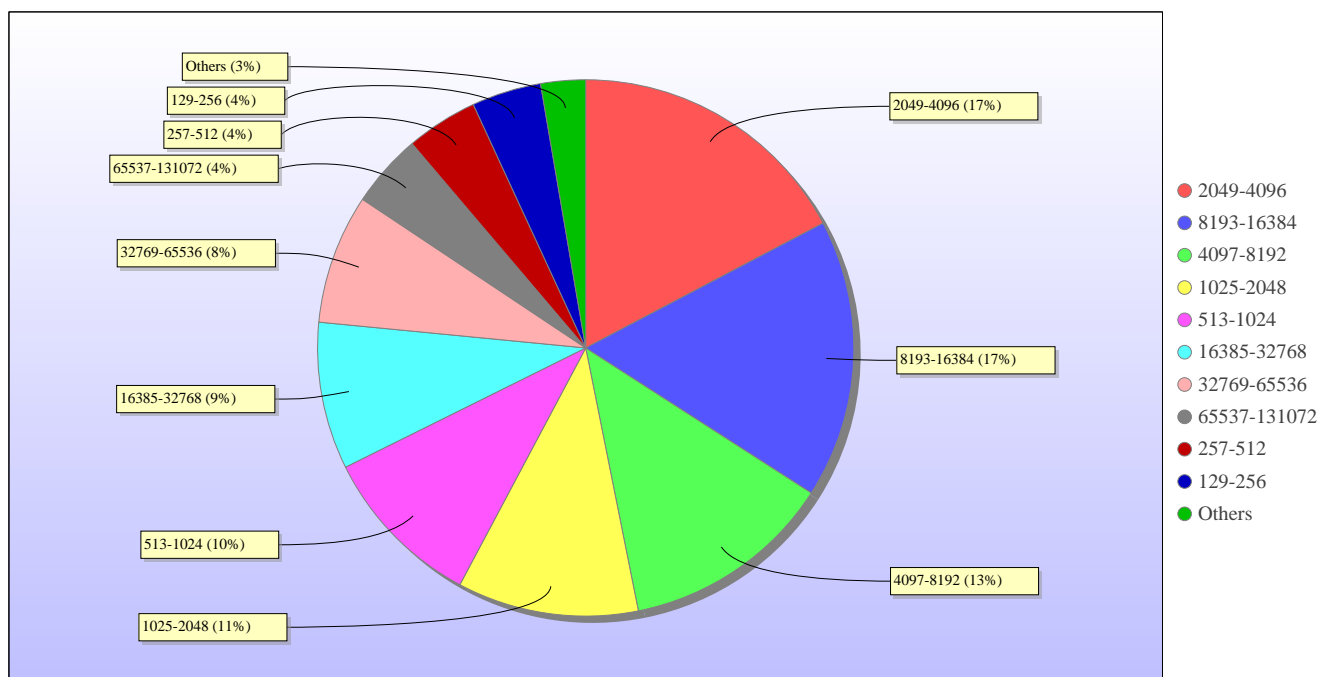
Load plots



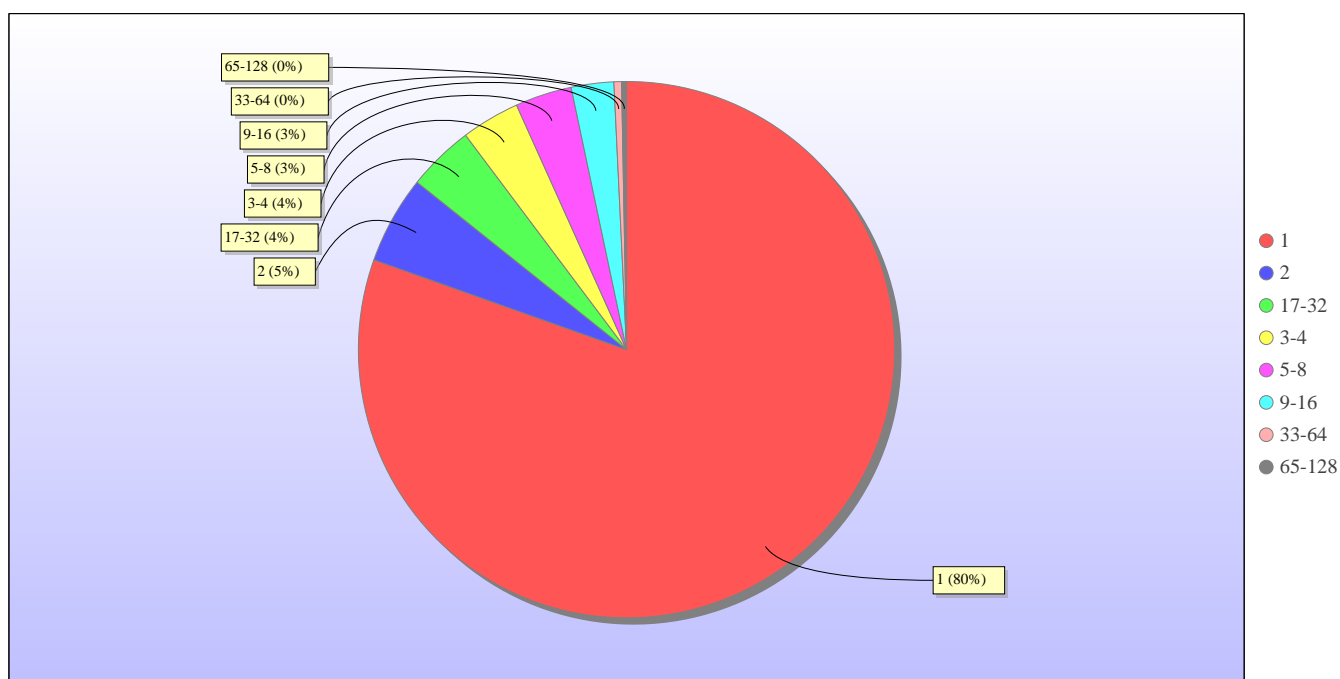
Percentage load on machine



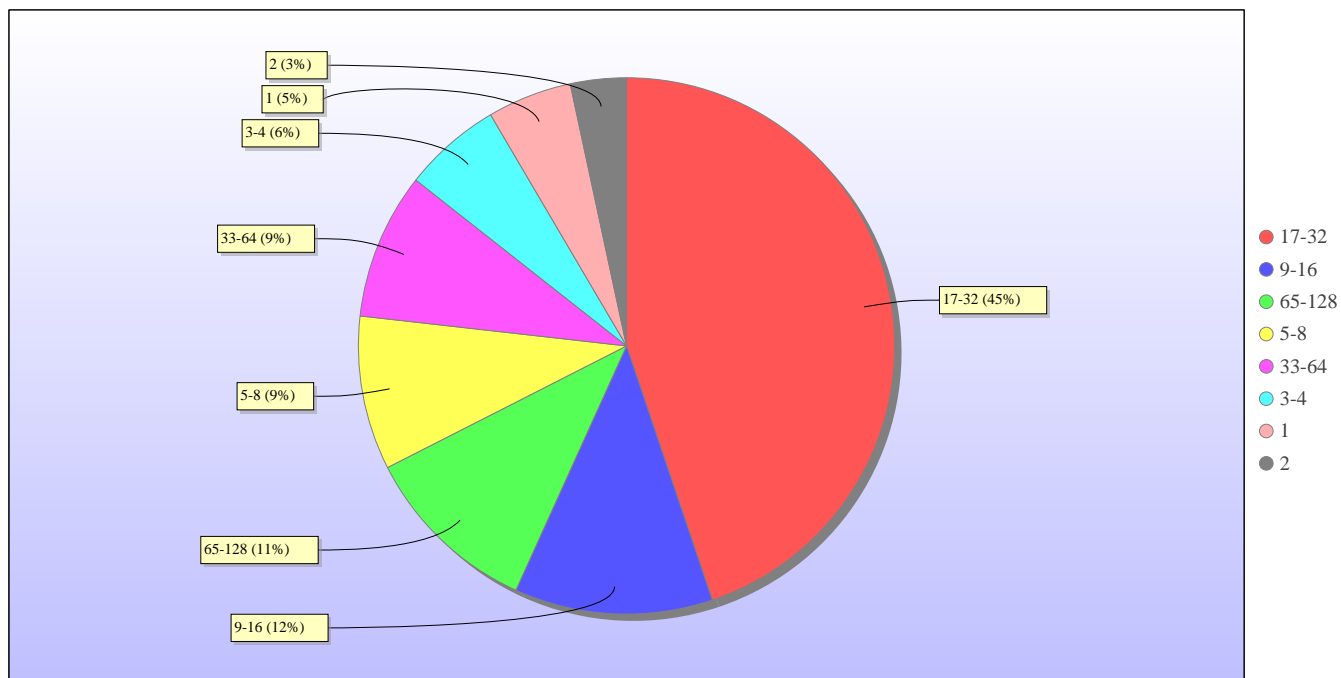
Jobs by Size



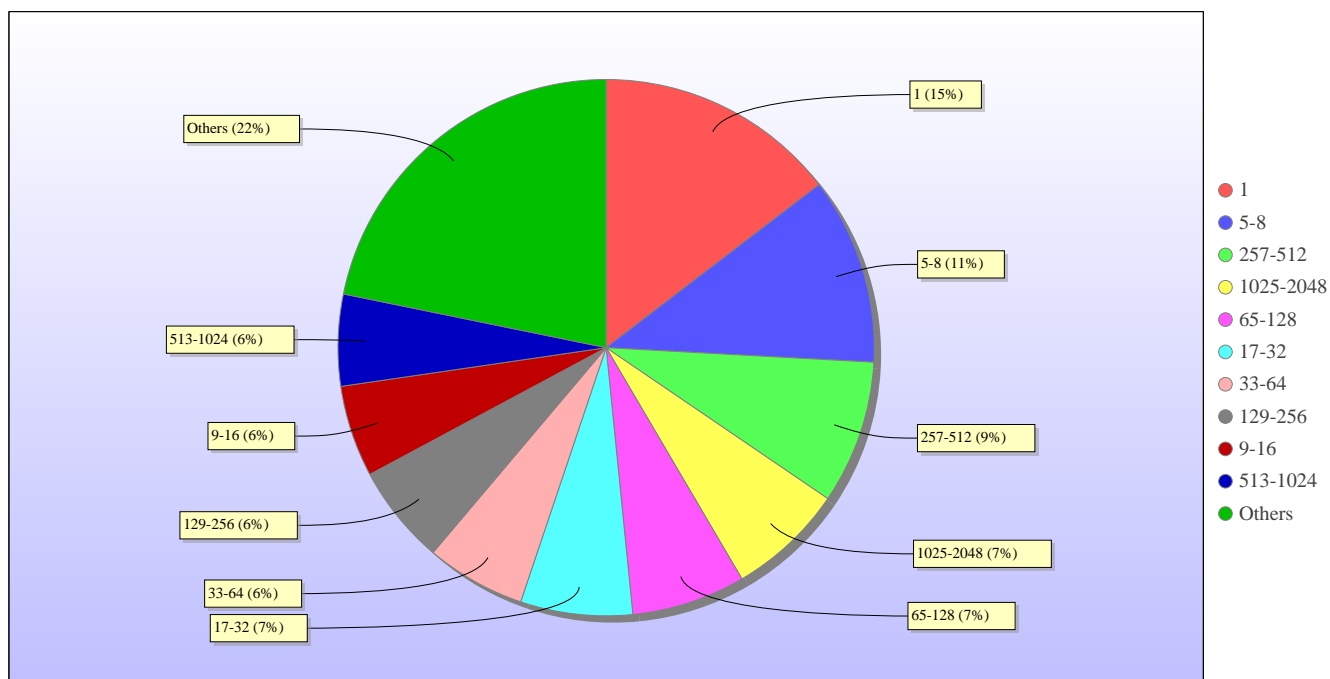
CUs used by Size



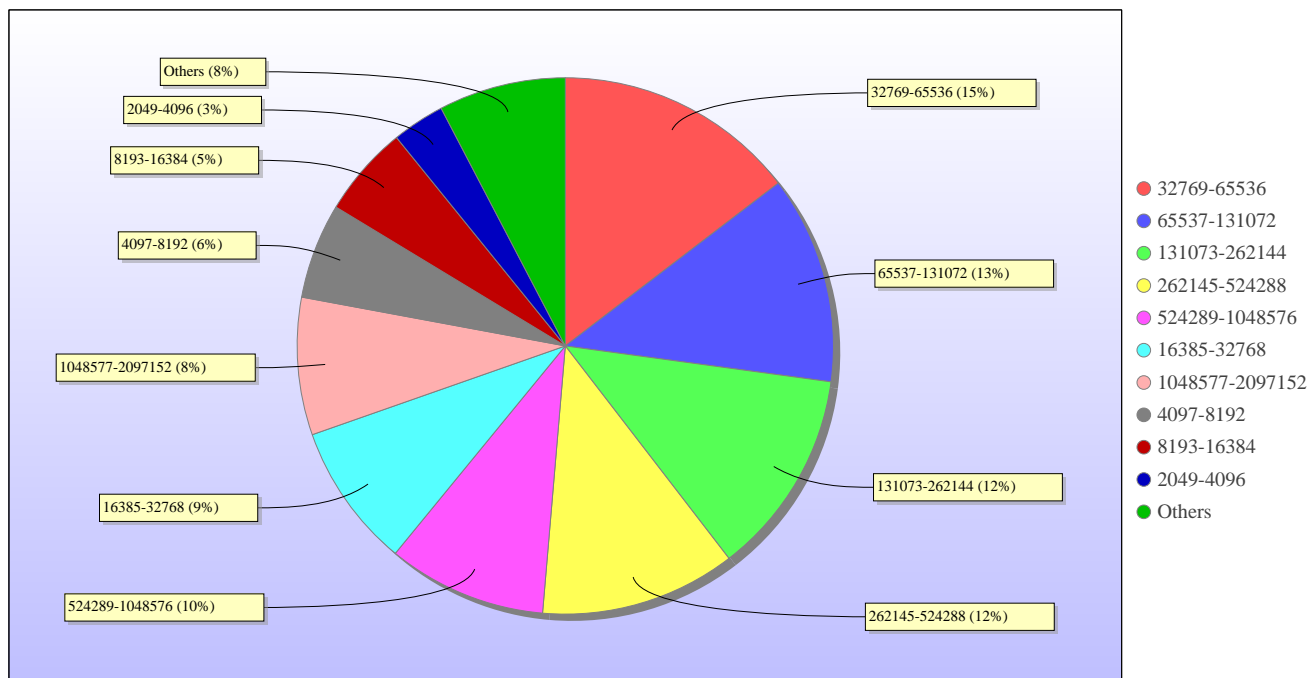
Jobs grouped by wall-clock-hours



CUs used grouped by wall-clock-hours



Jobs grouped by core-hours

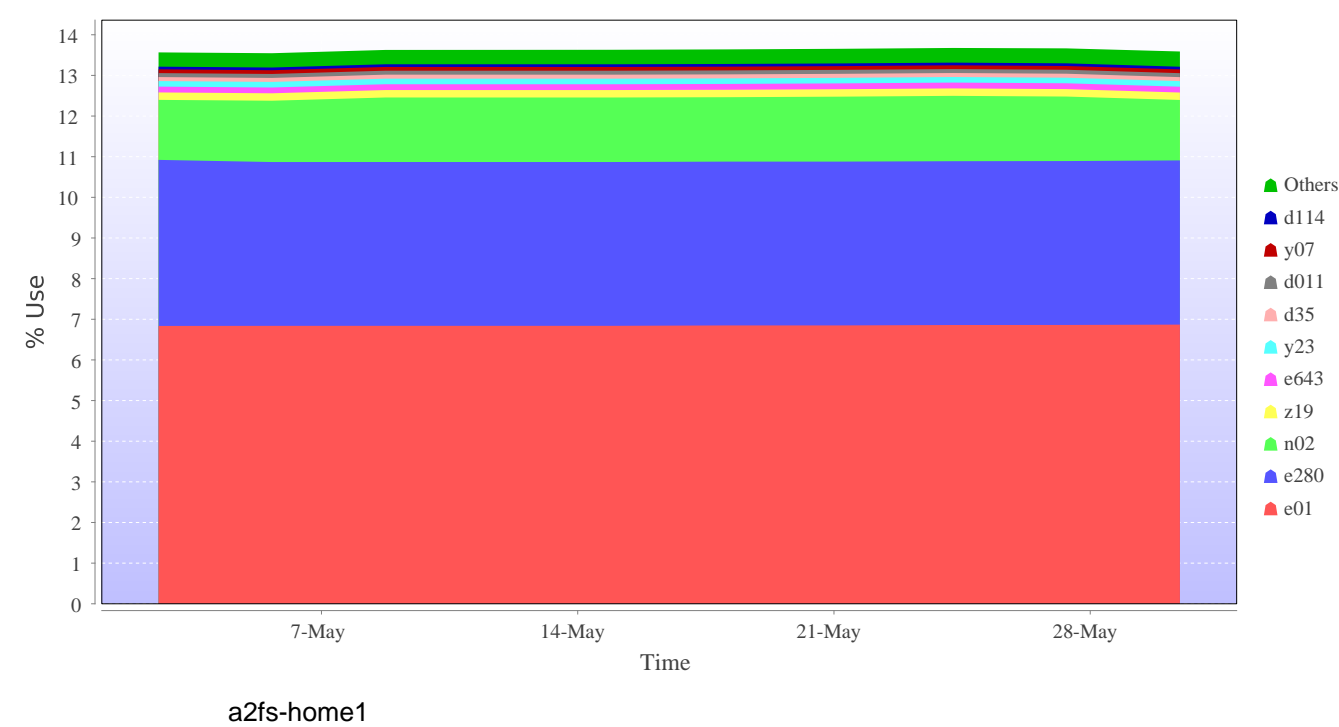


CUs used grouped by core-hours

Disk usage

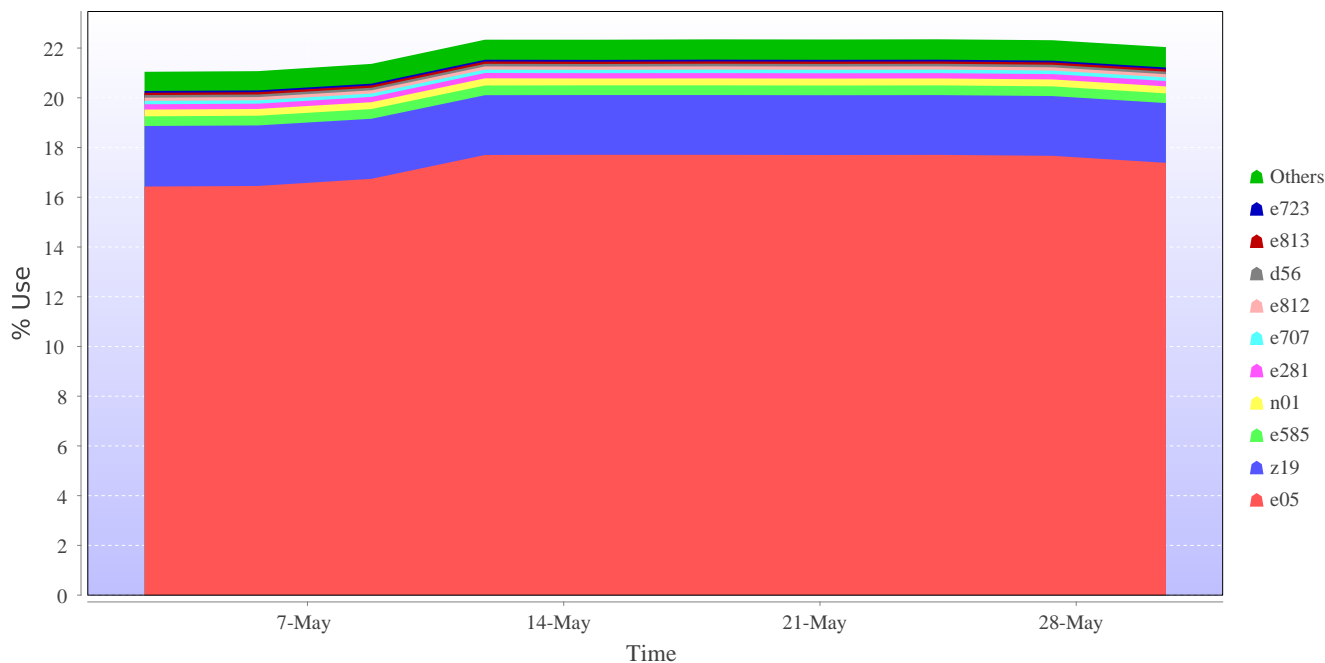
Disk usage for home (a2fs-home1)

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)

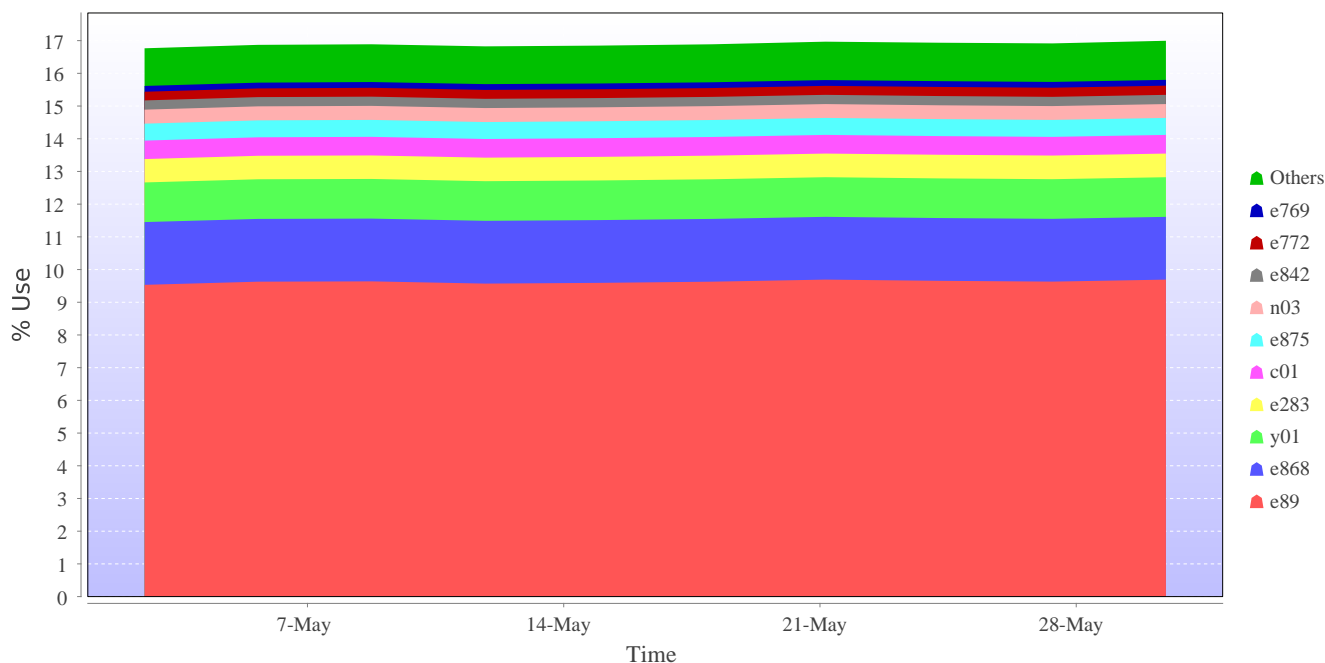
This is a plot of Disk Use on a2fs-home2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-home2

Disk usage for home (a2fs-home3)

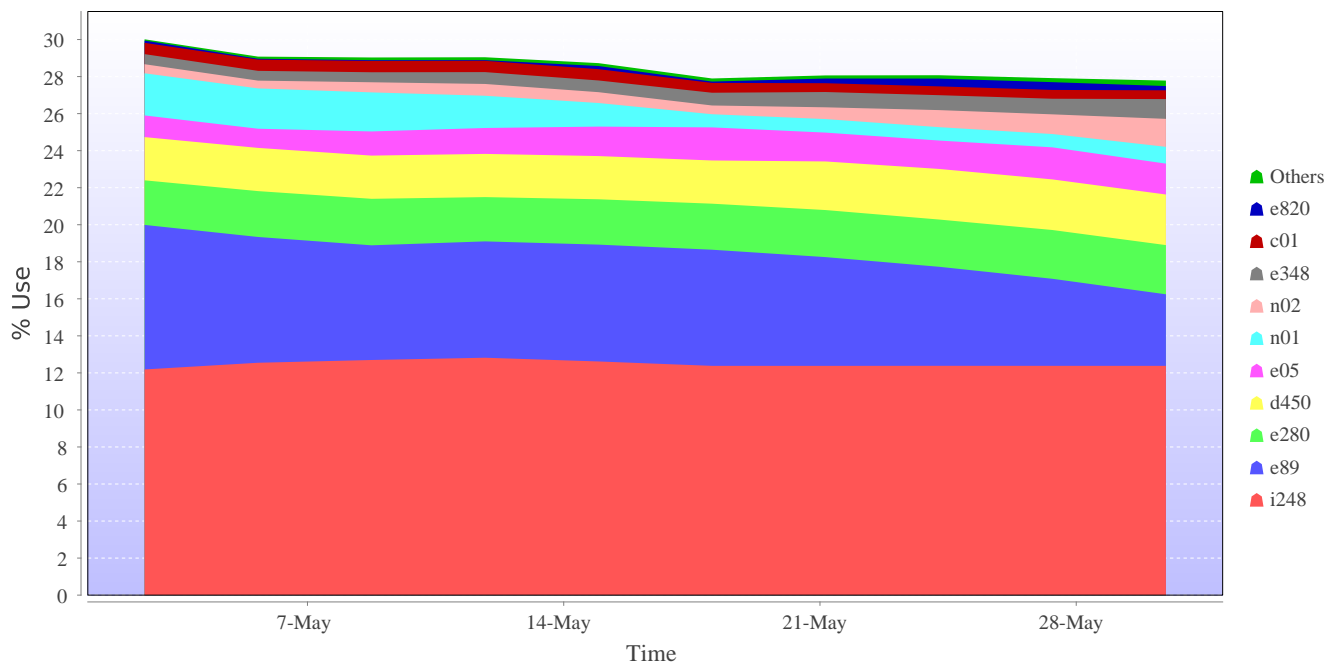
This is a plot of Disk Use on a2fs-home3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-home3

Disk usage for scratch (a2fs-nvme)

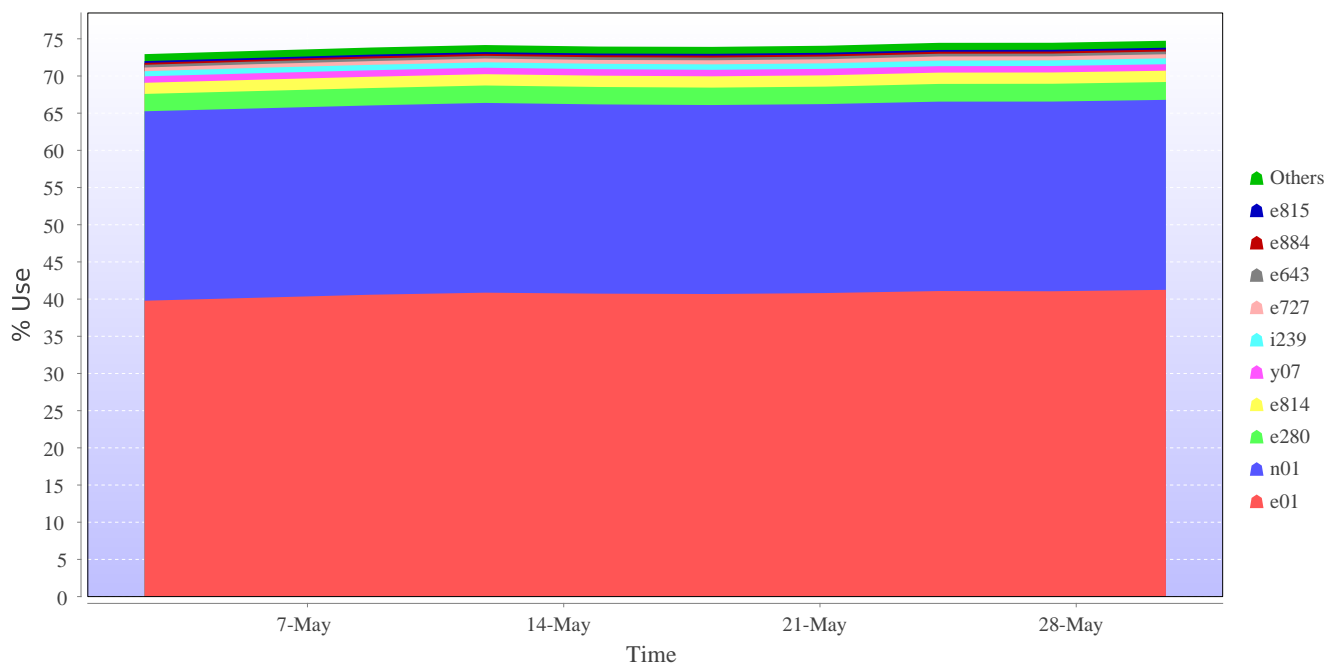
This is a plot of Disk Use on a2fs-nvme against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-nvme

Disk usage for work (a2fs-work1)

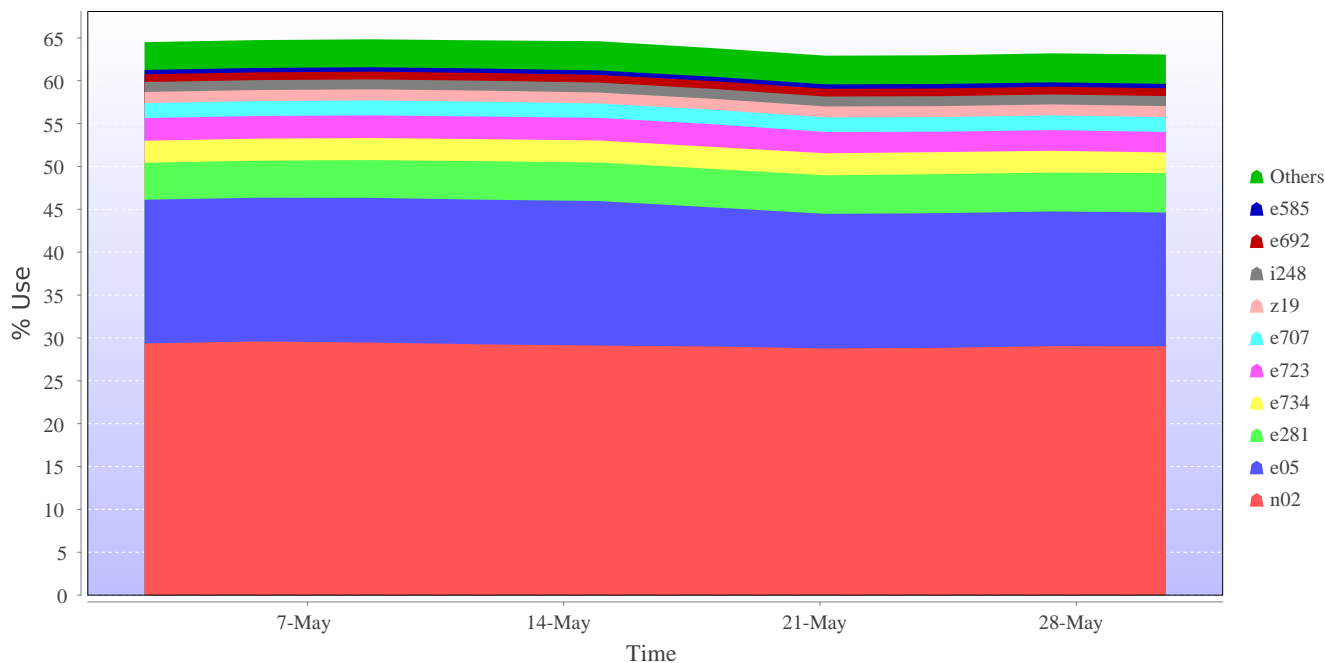
This is a plot of Disk Use on a2fs-work1 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-work1

Disk usage for work (a2fs-work2)

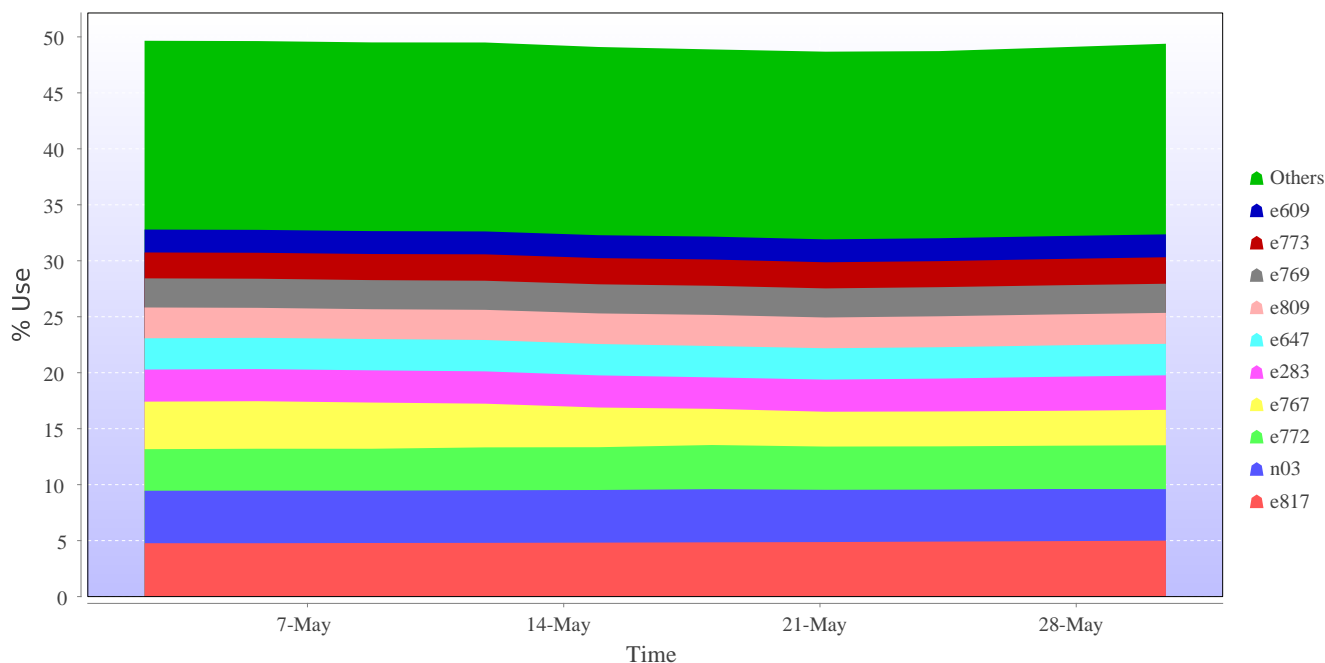
This is a plot of Disk Use on a2fs-work2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-work2

Disk usage for work (a2fs-work3)

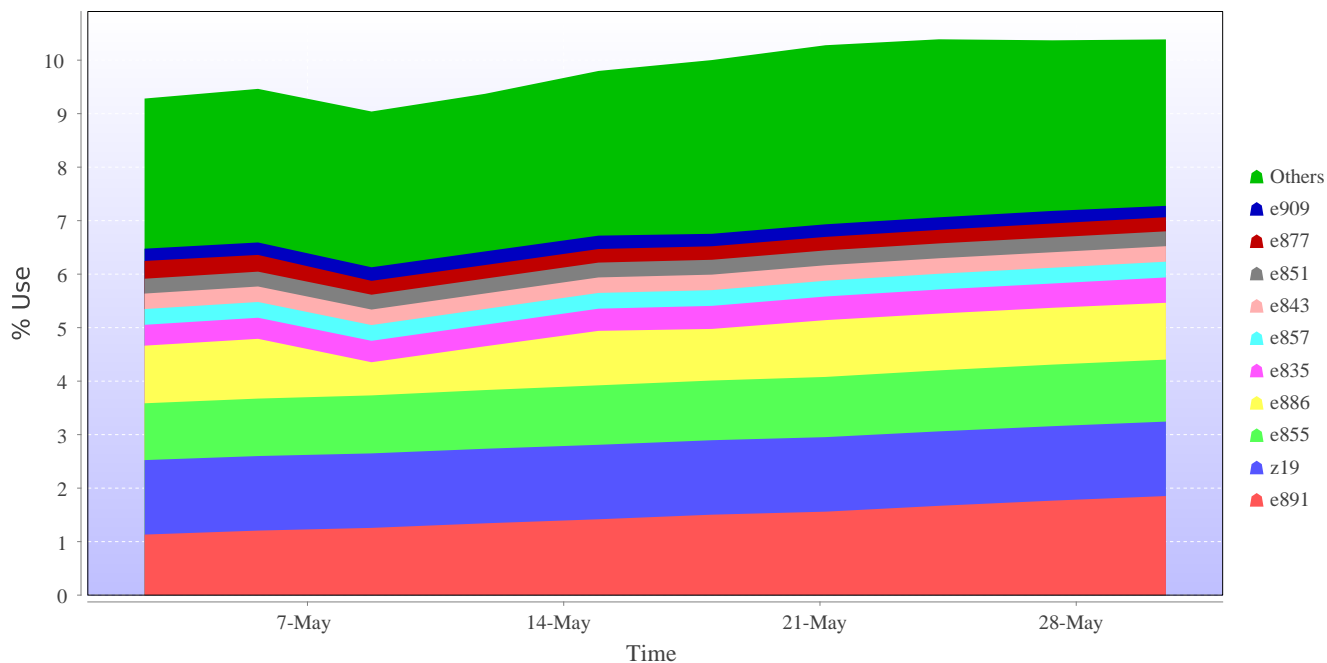
This is a plot of Disk Use on a2fs-work3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-work3

Disk usage for work (a2fs-work4)

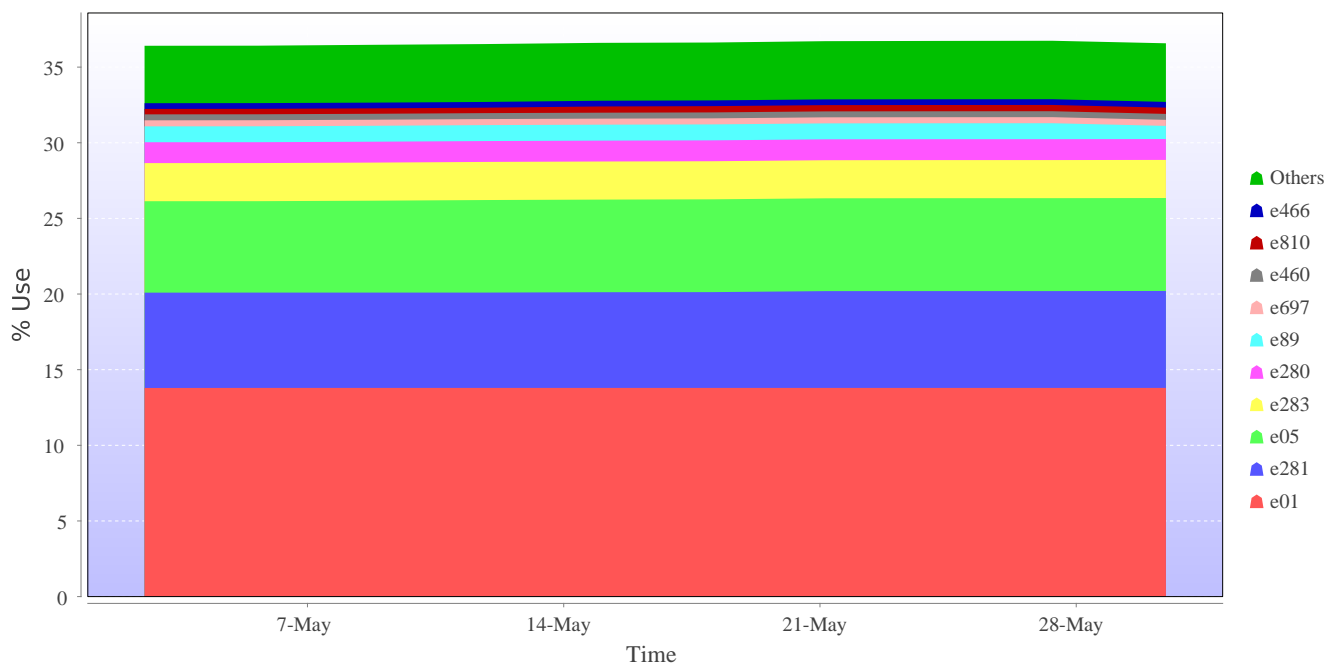
This is a plot of Disk Use on a2fs-work4 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-work4

Disk usage for epsrc (rdfaas_epsrc)

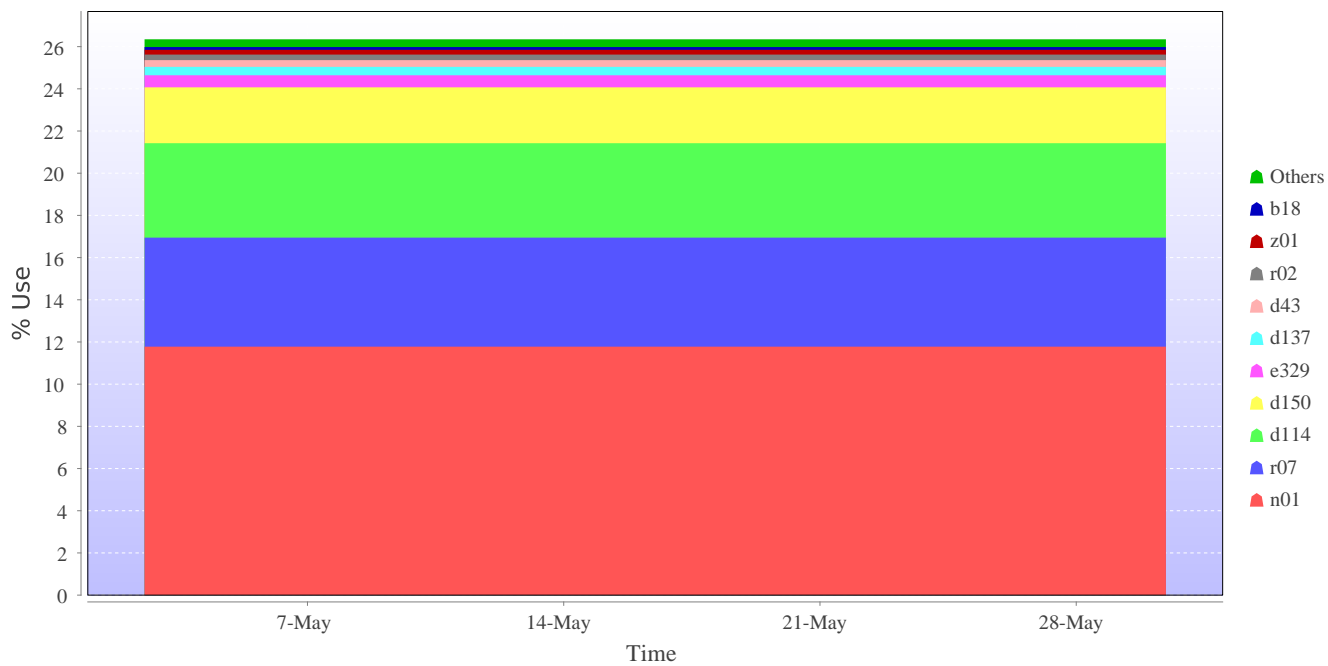
This is a plot of Disk Use on rdfaas_epsrc against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



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