Monthly Reporting

Report from 01 July 2025 to 31 July 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.

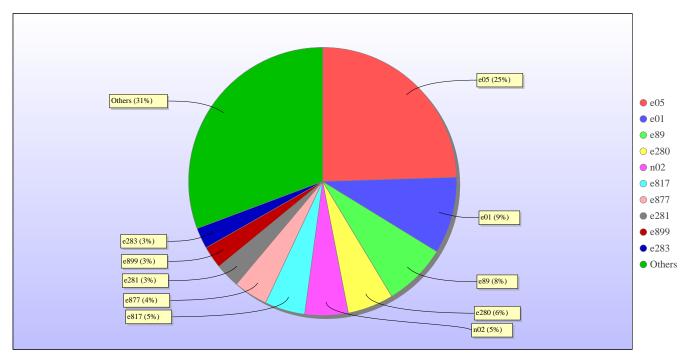
The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend 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	Number	Charged	Charged	Used CUs	Utilisation	Allocated	Allocation
	Class	of Jobs	CUs	Utilisation			CUs	
e786	Leadership Awards	66	2,017.9	0.05%	2,017.9	0.05%	9,605.4	0.22%
e820	Leadership Awards	151	2,399.1	0.06%		0.06%	8,179.7	0.19%
e821	Leadership Awards	0	0.0	0.00%	0.0	0.00%	3,556.6	0.08%
e861	Leadership Awards	0	0.0	0.00%	0.0	0.00%	6,063.8	0.149
e862	Leadership Awards	28	1,583.4	0.04%				
e731	Pioneer Projects	73	1,585.6	0.04%	1,585.6	0.04%	15,909.9	0.37%
e744	Pioneer Projects	79	40,425.5	0.93%	52,901.9	1.22%	20,228.3	0.46%
e808	Pioneer Projects	1,079	17,669.6	0.41%	25,975.6	0.60%	9,633.2	0.22%
e809	Pioneer Projects	0	0.0	0.00%	0.0	0.00%	20,135.8	0.46%
e810	Pioneer Projects	79	58,197.6	1.34%	69,514.6	1.60%	35,794.7	0.82%
e812	Pioneer Projects	443	5,299.6	0.12%	5,415.6	0.12%	15,006.8	0.34%
e813	Pioneer Projects	376	4,712.4	0.11%	4,718.0	0.11%	28,129.1	0.65%
e815	Pioneer Projects	0	0.0	0.00%	0.0	0.00%	22,612.9	0.52%
e817	Pioneer Projects	204	179,455.9	4.12%	185,476.9	4.26%	76,729.7	1.76%
c01	Class1a	703	7,375.5					
e348	Class1a	42,761	16,146.7	0.37%			48,758.3	
e643	Class1a	59	1,942.5				14,253.0	
e647	Class1a	104	6.8				1,698.6	
e712	Class1a	54	21,370.2	0.49%			20,212.8	
e720	Class1a	3,884	52,666.5				36,383.1	0.849
e721	Class1a	935	1,661.6			0.04%		0.03%
e751	Class1a	149	5,924.3				7,709.0	
e767	Class1a	1,770	26,383.1	0.61%		0.62%	20,768.3	
e770	Class1a	2	149.1	0.00%		0.00%	11,796.1	0.27%
e835	Class1a	256	12,404.1	0.29%		0.29%	10,578.0	
e838	Class1a	417	6,244.0			0.14%	11,790.8	
e855	Class1a	76	34,090.6				38,758.8	
e891	Class1a	240	58,012.2	1.33%	62,274.6	1.43%	71,938.9	1.659

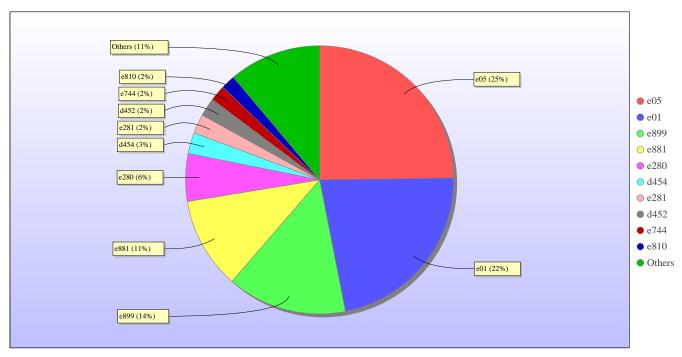
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e892	Class1a	0 0000	0.0		0.0	0.00%	428.3	0.01%
e092 e01	Consortia	4,888	209,136.7		354,011.6		350,556.8	8.06%
e05		62,311	774,955.1	17.81%	937,122.7	21.54%	779,035.5	17.91%
e89		78,070	286,879.0		291,513.2	6.70%	379,932.3	8.73%
e280		14,261	174,460.5		212,000.8	4.87%	213,733.3	4.91%
e280 e281	Consortia	4,201	98,084.9		113,245.4	2.60%	117,908.1	2.71%
e283	Consortia	2,328	90,004.9		96,245.4	2.21%	76,640.3	1.76%
e283	Consortia	3,756	47,812.2		48,220.6	1.11%	64,120.0	1.47%
e772	Consortia	3,730 871	24,536.9		25,046.2		31,176.2	0.72%
e853		0	0.0		0.0		123.4	0.72%
e887	Pump Priming	88	1,457.2	0.03%	1,457.2	0.03%	674.1	0.02%
e893		5	1,437.2	0.00%	1,437.2	0.00%	339.1	0.02 %
e894		33	24.4	0.00%	24.4	0.00%	423.3	0.01%
e900	, -	0	0.0	0.00%	0.0	0.00%	152.7	0.00%
e900	Pump Priming	29	1,679.8		1,679.8		681.1	0.02%
e908		0	0.0		0.0	0.00%	565.3	0.01%
e910		0	0.0	0.00%	0.0	0.00%	97.1	0.00%
e911	Pump Priming	8	120.6		132.5	0.00%	670.4	0.02%
e911		102	555.1	0.01%	557.3	0.01%	648.6	0.02 %
e912	. 0	0	0.0		0.0	0.00%	677.6	
e914		74	43.8	0.00%	44.1	0.00%	712.3	0.02%
e915		0	0.0		0.0	0.00%	534.1	0.01%
e916		0	0.0		0.0	0.00%	239.8	0.01%
e917	Pump Priming	33	1,757.4	0.04%	1,757.4	0.04%	671.1	0.02%
e918		0	0.0		0.0	0.00%	489.2	0.01%
e919		14	1,081.5		1,081.5	0.02%	650.7	0.01%
e920		27	1,724.9		1,794.5	0.04%	677.4	0.02%
e921	Pump Priming	0	0.0		0.0	0.00%	637.6	0.01%
e922		0	0.0		0.0	0.00%	677.4	0.02%
e923		0	0.0		0.0	0.00%	507.0	0.01%
e924		51	150.4	0.00%	150.4	0.00%	677.4	0.02%
e932		57	1,223.2		1,223.2	0.03%	152.1	0.00%
z61	Research	0	0.0		0.0	0.00%	0.4	0.00%
d201	GPU 1b	106	1,095.0	0.03%	1,100.3	0.03%	3,369.6	
	Access to HPC	133	4,738.5		4,738.5	0.11%	7,285.7	0.17%
	Access to HPC	0	0.0		0.0		157.8	
	Access to HPC	0	0.0	0.00%	0.0	0.00%	612.5	
	Access to HPC	0	0.0		0.0	0.00%	28,226.5	
	Access to HPC	173	3,120.7	0.07%	3,467.4	0.08%	21,658.1	0.50%
	Access to HPC	1,312	21,382.6		22,086.2	0.51%	13,906.4	0.32%
	Access to HPC	1,519	13,304.6		13,474.9		17,184.8	
	Access to HPC	2	0.1		0.1		8,689.4	
	Access to HPC	768	9,197.3		9,285.1		17,184.8	
	Access to HPC	1,140	11,398.2		11,398.2	0.26%	25,271.7	0.58%
e866	Access to HPC	0	0.0		0.0		31,074.1	0.71%
	Access to HPC	310	17,219.0		17,417.2		12,130.4	0.28%
	Access to HPC	61	400.2		401.6	0.01%	1,010.9	0.02%
	Access to HPC	32	1,354.8		1,384.8		2,021.7	0.05%
	Access to HPC	790	146,873.7	3.38%	157,418.0		80,869.6	
	Access to HPC	60	59.2		59.2		50,803.3	1.17%
e881	Access to HPC	218	6,991.7	0.16%	79,492.0	1.83%	8,423.9	
	Access to HPC	164	10,475.7	0.24%	10,539.5		9,097.8	0.21%
	Access to HPC	1,828	7,243.0	0.17%	7,255.5	0.17%	12,524.5	0.29%
e884	Access to HPC	125	3,916.3		3,916.3	0.09%	16,847.8	0.39%
	Access to HPC	0	0.0		0.0		17,184.8	0.39%
	Access to HPC	127	44,968.6	1.03%	46,724.4	1.07%	80,869.6	
e897	Access to HPC	50	5,239.9		5,239.9	0.12%	4,380.4	0.10%
e898	Access to HPC	6,626	70,785.4		73,744.4	1.69%	59,043.2	1.36%
e899	Access to HPC	429	8,938.8	0.21%	103,262.9	2.37%	16,258.2	0.37%
e902	Access to HPC	0	0.0		0.0	0.00%	7,926.5	0.18%
e903	Access to HPC	1,321	18,978.9		19,465.2		25,271.7	0.58%
e904	Access to HPC	65	44,342.2		45,418.7	1.04%	33,089.1	0.76%
e905	Access to HPC	0	0.0	0.00%	0.0	0.00%	19,880.4	0.46%

Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e906	Access to HPC	4,259	9,434.4		9,530.9	0.22%	16,308.7	0.37%
	Access to HPC	281	1,423.6		1,639.3		31,950.2	
e931	Access to HPC	34	0.4	0.00%	0.4		8,590.6	
	Access to HPC	132	51.2	0.00%	51.2	0.00%	4,751.5	0.11%
EPSRC Total		247,262	2,737,984.9	62.93%	3,346,912.9	76.92%	3,314,190.3	76.17%
n01	Consortia	2,731	72,354.9		77,179.8	1.77%	71,172.6	
n02		60,229	196,125.0		199,706.7	4.59%	393,317.8	
n03	Consortia	3,619	64,292.8		65,002.7	1.49%	53,931.5	
NERC Total		66,579	332,772.7	7.65%	341,889.2		518,421.9	
b19	Class1a	58	1,732.9		1,732.9		1,354.4	
BBSRC Total		58	1,732.9		1,732.9		1,354.4	
e756	· · ·	296	3,084.7	0.07%	3,469.0	0.08%	3,387.2	0.08%
6760	Awards	0	0.0	0.000/	0.0	0.000/	<i>EE7</i> 0	0.040/
e760	Leadership Awards	0	0.0	0.00%	0.0	0.00%	557.8	0.01%
e860		134	1,180.6	0.03%	1,194.8	0.03%	1,694.0	0.04%
6000	Awards	134	1,100.0	0.03 /6	1,194.0	0.03 /6	1,094.0	0.04 /6
e738		0	0.0	0.00%	0.0	0.00%	6,782.8	0.16%
UKRI Total	0,00010	430	4,265.3		4,663.8		12,421.8	
ecseag09	eCSE	0	0.0	0.00%	0.0	0.00%	167.4	
ecseah01	eCSE	0	0.0		0.0	0.00%	101.8	
ecseah05	eCSE	919	52.8		54.2		54.4	
ecseai12		0	0.0	0.00%	0.0	0.00%	58.9	
ecseaj02	eCSE	0	0.0	0.00%	0.0	0.00%	59.3	
ecseak01	eCSE	542	431.9	0.01%	432.0	0.01%	62.9	0.00%
ecseak02		0	0.0	0.00%	0.0	0.00%	141.0	0.00%
ecseak03	eCSE	31	0.0	0.00%	13.3	0.00%	67.9	0.00%
ecseak05	eCSE	229	22.4	0.00%	22.4	0.00%	125.7	
ecseak07	eCSE	0	0.0		0.0		63.7	0.00%
ecseak09		0	0.0	0.00%	0.0	0.00%	56.5	
ecseak12	eCSE	0	0.0		0.0	0.00%	41.6	
ecseak15		0	0.0		0.0		169.9	
ecseak16		0	0.0		0.0	0.00%	70.3	0.00%
ecsega10		5	0.0	0.00%	0.0	0.00%	74.8	
ecsega20		0	0.0		0.0		135.9	
ecsega23		0	0.0	0.00%	0.0	0.00%	154.2	0.00%
ecsega29		0	0.0		0.0	0.00%	200.3	
ecsegb66 eCSE Total	eCSE	0 1,726	0.0 507.1	0.00% 0.01%	0.0 521.8	0.00% 0.01%	29.7 1,836.1	0.00% 0.04%
eCSE 10tal	Class1a	1,726	13,142.9		16,261.8		1,636.1	
e758		105	13,142.9		219.8		14.5	
d35		61	16.6		16.6		4,144.4	
d142		0	0.0		0.0		424.7	
d142		0	0.0		0.0	0.00%	4.2	
d194		0	0.0		0.0		42.5	
d190		0	0.0		0.0		226.3	
d198		96	3,719.3		3,811.2		2,176.4	
d202		52	329.4		329.4	0.01%	4,246.6	
d203		0	0.0		0.0		8.5	
d435		42	134.8		134.8		1,712.7	0.04%
d443		0	0.0	0.00%	0.0		1,630.7	0.04%
d445	Research	59	119.5		124.6		84.9	
d450		254	469.7	0.01%	469.7	0.01%	6,235.6	
d451	Research	0	0.0		0.0		84.9	
i246		45	0.0		763.1	0.02%		
d195		0	0.0		0.0		37.4	
d433		0	0.0		0.0	0.00%	55.2	0.00%
d434		0	0.0		0.0		17.0	
d440		0	0.0		0.0	0.00%	10.0	
d441	Industrial	0	0.0		0.0		151.7	0.00%
i26		4	7.8		7.8		92.5	
i030		0	0.0		0.0		153.5	
i239	Industrial	459	3,246.9	0.07%	3,443.9	0.08%	1,868.0	0.04%

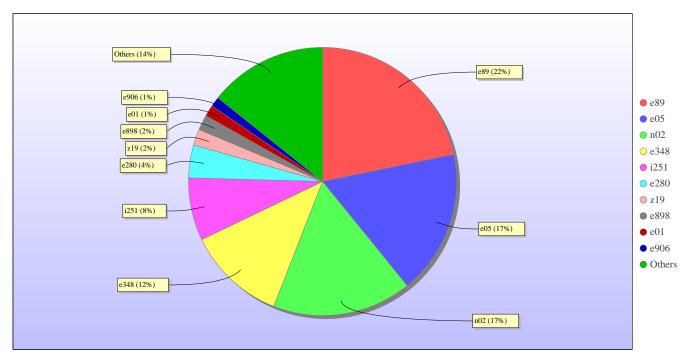
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
i241	Industrial	15	14.3		14.3	0.00%	875.6	0.02%
i242	Industrial	0	0.0	0.00%	0.0	0.00%	813.6	0.02%
i243	Industrial	0	0.0		0.0	0.00%	626.9	0.01%
i248	Industrial	49	14,318.8	0.33%	14,318.8	0.33%	26,888.8	0.62%
i251	Industrial	27,084	14,008.6	0.32%	14,026.7	0.32%	6,780.0	0.16%
i252	Industrial	107	422.5		422.5	0.01%	2,059.3	0.05%
i254	Industrial	316	82.2		82.2	0.00%	644.3	0.01%
i255	Industrial	1	2.0	0.00%	2.0	0.00%	150.5	0.00%
m22ol	Training	0	0.0		0.0	0.00%	339.2	0.01%
m24oc	Training	2,611	738.9		794.1	0.02%	809.4	0.02%
m25hw	Training	0	0.0		0.0	0.00%	397.4	0.01%
m25oc	Training	0	0.0		0.0	0.00%	794.9	0.02%
m25ol	Training	0	0.0	0.00%	0.0	0.00%	397.4	0.01%
m25ext	Training	0	0.0		0.0	0.00%	79.5	0.00%
mdisspt	Training	1,510	139.8	0.00%	139.8	0.00%	297.3	0.01%
ta156	Training	0	0.0	0.00%	0.0	0.00%	31.8	0.00%
ta157	Training	0	0.0		0.0	0.00%	508.2	0.01%
ta169	Training	41	0.2	0.00%	0.2	0.00%	20.4	0.00%
ta170	Training	31	689.5		689.5	0.02%	510.5	0.01%
ta179	Training	0	0.0	0.00%	0.0	0.00%	482.9	0.01%
ta186	Training	0	0.0	0.00%	0.0	0.00%	35.2	0.00%
ta188	Training	308	568.3	0.01%	772.4	0.02%	767.1	0.02%
ta195	Training	0	0.0	0.00%	0.0	0.00%	34.4	0.00%
ta201	Training	71	0.7	0.00%	0.7	0.00%	25.4	0.00%
ta202	Training	521	880.0	0.02%	880.0	0.02%	609.8	0.01%
ta205	Training	7	94.6		63.0	0.00%	172.2	0.00%
ta206	Training	148	190.2	0.00%	127.2	0.00%	122.4	0.00%
ta208	Training	0	0.0	0.00%	0.0	0.00%	67.1	0.00%
ta209	Training	0	0.0	0.00%	0.0	0.00%	73.7	0.00%
tc070	Training	0	0.0	0.00%	0.0	0.00%	8.8	0.00%
Scottish Add Add Con	nicAccessUoE	0	0.0		0.0	0.00%	223.5	0.01%
Scottish Adda 502en	nicAccessUoE	132	23,047.1	0.53%	37,575.6	0.86%	4,926.1	0.11%
d444	Service	9	18.1	0.00%	18.1	0.00%	1,523.7	0.04%
y01	Service	36	69.3		69.3	0.00%	74.8	0.00%
y02	Service	159	344.3	0.01%	344.4	0.01%	2,120.4	0.05%
y07	Service	0	0.0		0.0	0.00%	28.3	0.00%
z02	Service	6	1.6		1.0	0.00%	84.9	0.00%
z19	Service	6,924	14,590.1	0.34%	14,397.0	0.33%	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		0.0	0.00%	84.9	0.00%
d447	UoE Access	248	1,164.6	0.03%	1,170.9	0.03%	3,040.5	0.07%
d448	UoE Access	867	254.9	0.01%	254.9	0.01%		0.06%
d449	UoE Access	0	0.0		0.0	0.00%		
d453	UoE Access	0	0.0		0.0	0.00%		0.02%
d454	UoE Access	49	4.0		16,733.5	0.38%		0.02%
DirectorsTime		42,531	92,832.7	2.13%	128,480.6	2.95%	91,351.2	2.10%
Total								
z56	Service	0	0.0		0.0	0.00%	25.6	0.00%
Internal Total		0	0.0	0.00%	0.0	0.00%		0.00%
Total		358,586	3,170,095.6	72.86%	3,824,201.1	87.89%	3,939,601.4	90.55%



Use by Project



Uncharged Use by Project

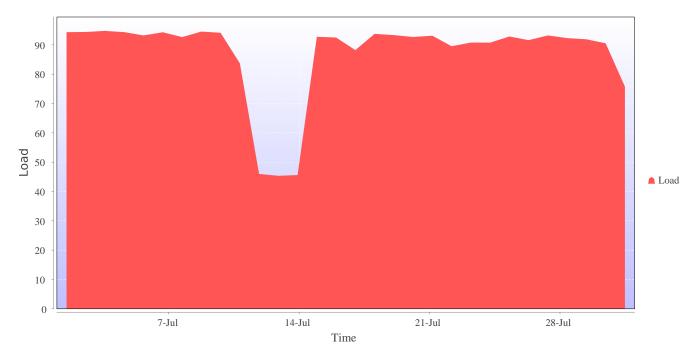


Jobs by Project

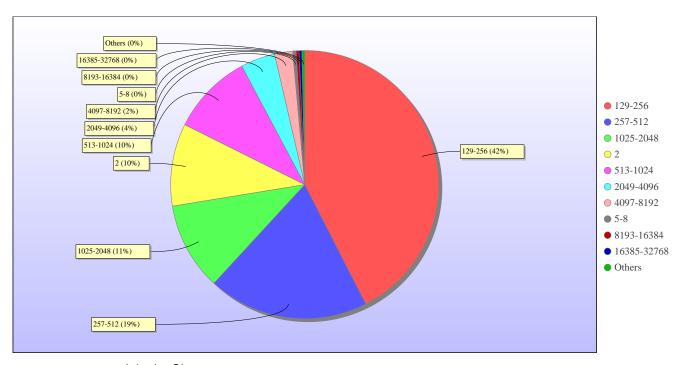
CUs (by Size)

Size	CUs	Number of Jobs
1	0	111
2	0	35,627
3-4	0	89
5-8	0	1,464
9-16	0	262
17-32	0	437
33-64	0	57
65-128	0	1
129-256	234,312.326	152,335
257-512	202,052.701	69,426
513-1024	351,610.244	
1025-2048	527,674.352	37,963
2049-4096	482,602.538	14,896
4097-8192	388,796.095	7,839
8193-16384	276,689.696	
16385-32768	311,072.035	1,206
32769-65536	153,790.27	104
65537-131072	186,386.178	122
131073-262144	22,350.812	44
262145-524288	32,474.641	9

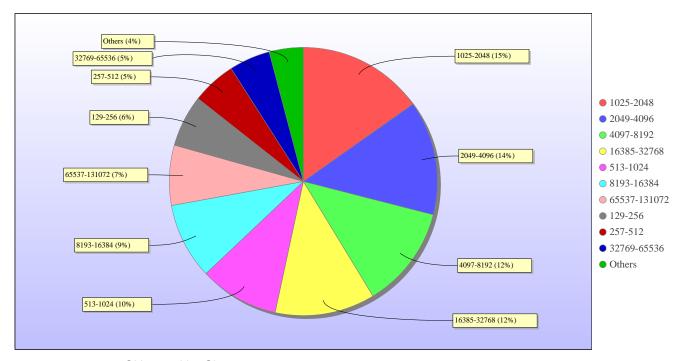
Load plots



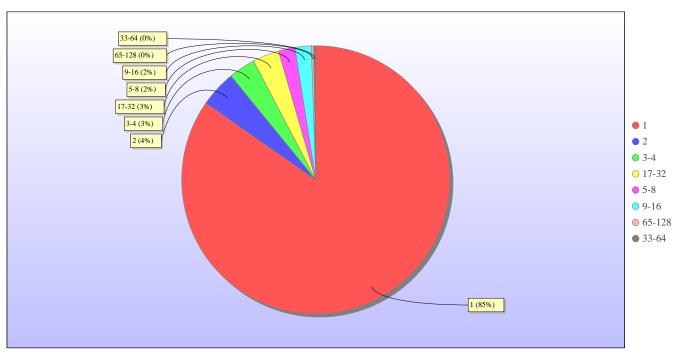
Percentage load on machine



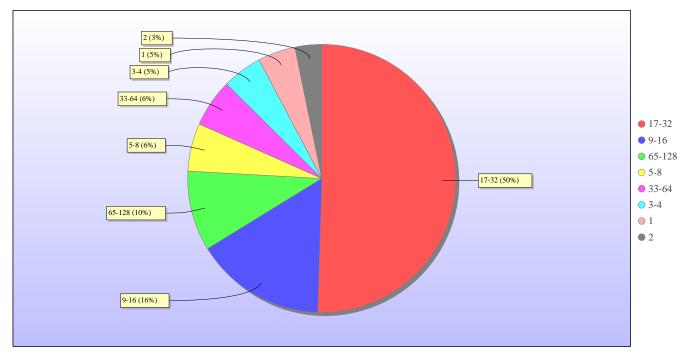
Jobs by Size



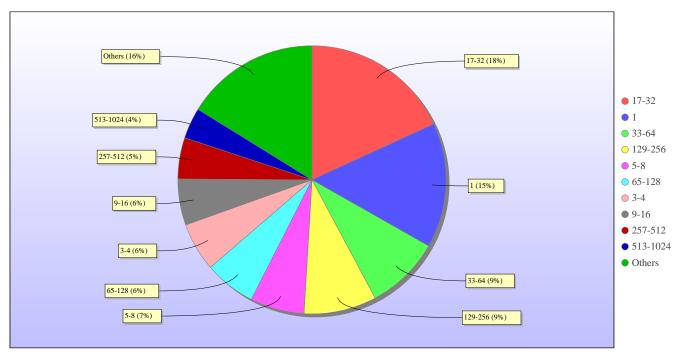
CUs used by Size



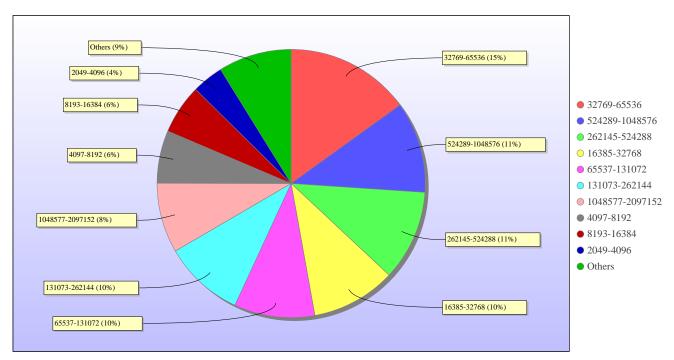
Jobs grouped by wall-clock-hours



CUs used grouped by wall-clock-hours



Jobs grouped by core-hours

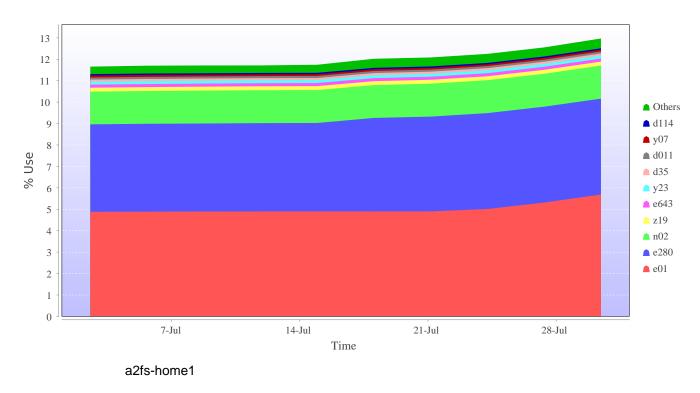


CUs used grouped by core-hours

Disk usage

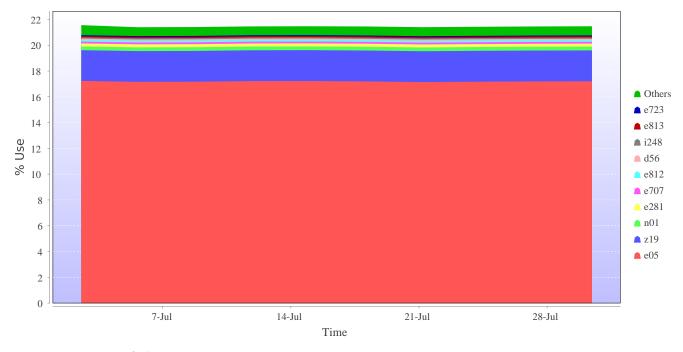
Disk usage for home (a2fs-home1)

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)

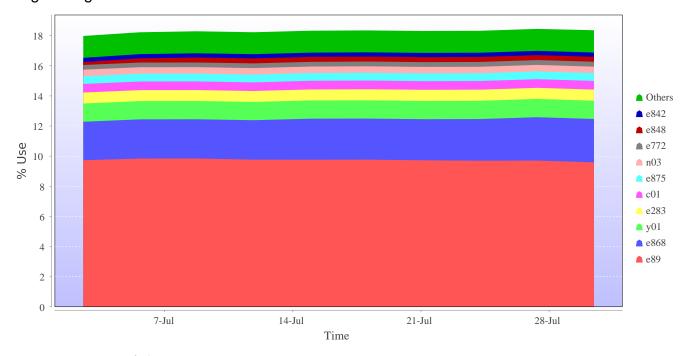
This is a plot of Disk Use on a2fs-home2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-home2

Disk usage for home (a2fs-home3)

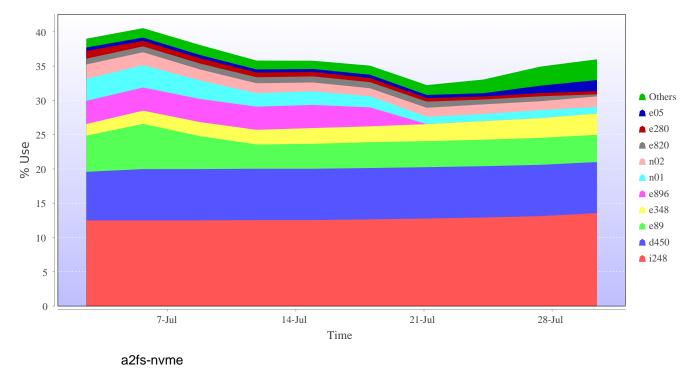
This is a plot of Disk Use on a2fs-home3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-home3

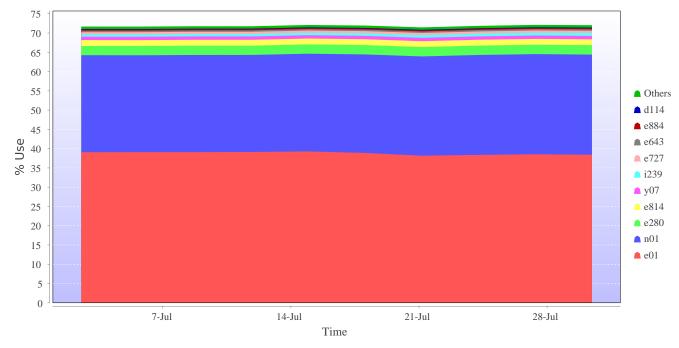
Disk usage for scratch (a2fs-nvme)

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.



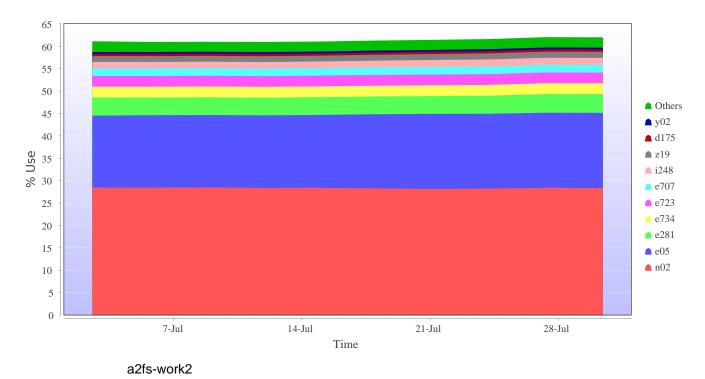
Disk usage for work (a2fs-work1)

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.



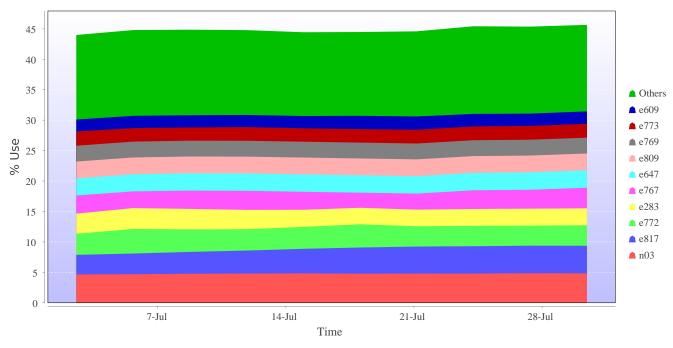
a2fs-work1 Disk usage for work (a2fs-work2)

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.



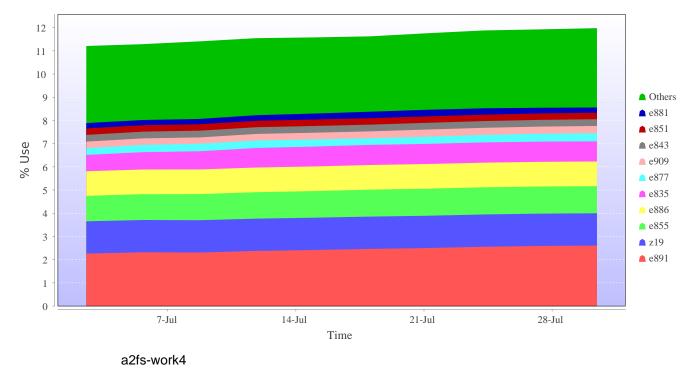
Disk usage for work (a2fs-work3)

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.



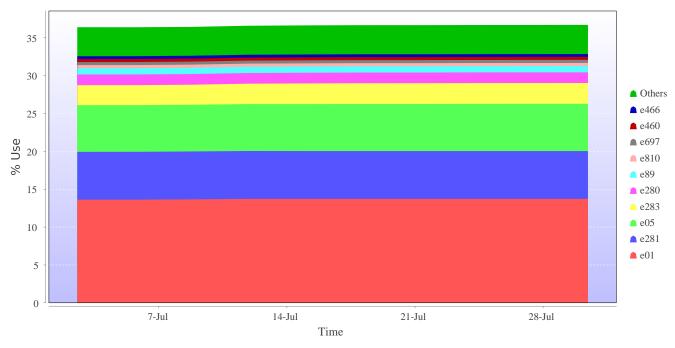
a2fs-work3 Disk usage for work (a2fs-work4)

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.



Disk usage for epsrc (rdfaas_epsrc)

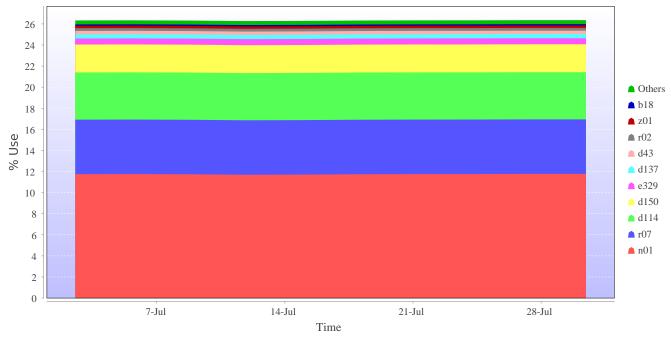
This is a plot of Disk Use on rdfaas_epsrc against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



Disk usage for general (rdfaas_general)

rdfaas_epsrc

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