Monthly Reporting

Report from 01 June 2025 to 30 June 2025

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.

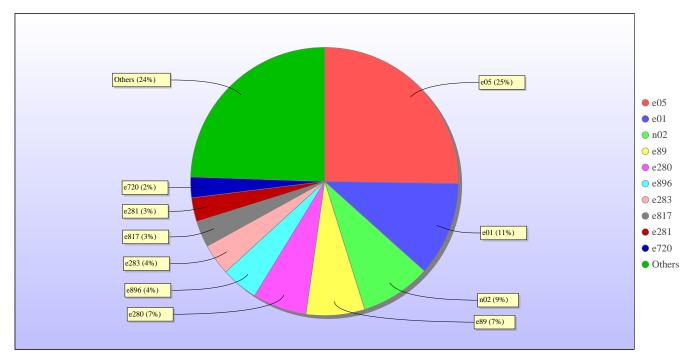
The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend 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
e786	Leadership	60	2,955.2		3,106.1	0.07%	9,295.6	0.22%
	Awards							
e820	Leadership Awards	44	1,910.8	0.05%	1,910.8	0.05%	7,915.8	0.19%
e821	Leadership Awards	0	0.0	0.00%	0.0	0.00%	3,441.8	0.08%
e861	Leadership Awards	0	0.0	0.00%	0.0	0.00%	5,968.2	0.149
e862	Leadership Awards	4	5.2	0.00%	5.2	0.00%	1,591.5	0.04%
e731	Pioneer Projects	0	0.0	0.00%	0.0	0.00%	15,396.7	0.37%
e744	Pioneer Projects	121	19,343.4	0.46%	19,497.9	0.46%	19,575.8	0.46%
e808	Pioneer Projects	504	9,040.5	0.21%	12,240.7	0.29%	8,953.7	0.21%
e809	Pioneer Projects	8	3,425.1	0.08%	5,547.7	0.13%	19,486.3	0.46%
e810	Pioneer Projects	14	12,854.2	0.31%	12,854.2	0.31%	34,640.0	0.82%
e812	Pioneer Projects	489	4,913.4	0.12%	4,947.3	0.12%	14,522.7	0.34%
e813	Pioneer Projects	84	2,461.1	0.06%	2,461.1	0.06%	27,221.7	0.65%
e815	Pioneer Projects	119	3,183.9	0.08%	3,183.9	0.08%	21,883.5	0.52%
e817	Pioneer Projects	144	114,151.8	2.71%	120,017.6	2.85%	74,254.6	1.76%
c01	Class1a	485	1,199.2	0.03%	1,211.3	0.03%	24,468.9	0.58%
e348	Class1a	26,389	14,738.6		14,749.9			
e643	Class1a	225	2,396.7	0.06%	2,396.7			
e647	Class1a	240	99.2	0.00%	99.2	0.00%	1,643.8	
e705	Class1a	12	27,120.9	0.64%	27,120.9	0.64%	3,317.5	
e707	Class1a	75	3.5		213.6			
e712	Class1a	98	44,568.0	1.06%	44,906.9	1.07%	19,560.8	
e720	Class1a	3,795	93,212.1	2.21%	93,607.2	2.22%	35,809.3	0.85%
e721	Class1a	15	30.6	0.00%	31.1	0.00%	875.1	0.02%
e728	Class1a	6	0.2		0.2			0.00%
e751	Class1a	173	4,040.9		4,040.9			0.18%
e767	Class1a	966	12,350.9		12,495.5		20,098.4	
e770	Class1a	49	806.3		806.3			
e835	Class1a	369	17,413.9	0.41%	17,522.3	0.42%	10,411.2	0.25%

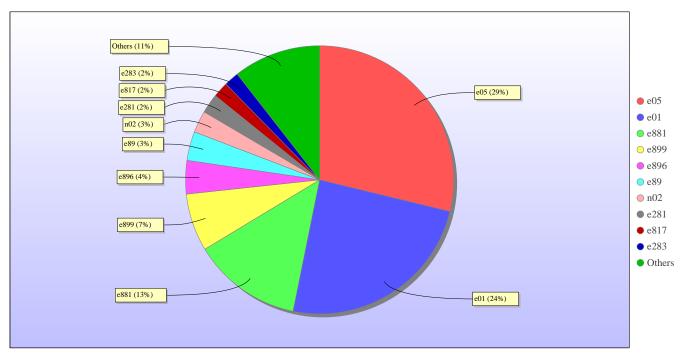
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e838	Class1a	337	2,625.1	0.06%	2,685.4	0.06%	11,410.5	0.27%
e855	Class1a	71	20,262.4	0.48%	20,603.0	0.49%	37,508.5	0.89%
e891	Class1a	88	70,922.6		71,409.9		69,645.9	
e892	Class1a	0	0.0	0.00%	0.0		414.5	
e01	Consortia	3,073	351,714.3	8.35%	428,323.9		339,248.5	8.06%
e05	Consortia	36,553	860,022.9		950,467.7	22.57%	766,751.1	18.21%
e89	Consortia	31,524	255,081.9		266,059.3		367,676.4	8.73%
e280	Consortia	41,247	243,035.6		245,409.4		206,838.7	4.91%
			101,033.3					
e281	Consortia	3,385	·		108,409.6		116,048.8	
e283	Consortia	2,598	136,177.8		141,770.9		70,292.4	
e772	Consortia	3,937	49,681.6		50,397.8		62,051.6	
e773		830	33,644.9	0.80%	36,849.5		30,684.6	
e853		1	0.1	0.00%	0.1	0.00%	217.7	0.01%
e887	Pump Priming	0	0.0	0.00%	0.0	0.00%	652.3	0.02%
e888	. 0	0	0.0	0.00%	0.0	0.00%	663.1	0.02%
e890	ı o	0	0.0	0.00%	0.0		366.1	0.01%
e893		16	10.0	0.00%	14.0	0.00%	416.9	0.01%
e894	Pump Priming	21	169.8	0.00%	169.8	0.00%	668.4	0.02%
e900	Pump Priming	0	0.0	0.00%	0.0	0.00%	147.7	0.00%
e907	Pump Priming	3	109.6	0.00%	109.6	0.00%	659.2	0.02%
e908	Pump Priming	21	8.6	0.00%	13.2	0.00%	547.1	0.01%
e910		0	0.0		0.0	0.00%	93.9	
e911	Pump Priming	4	113.2		113.2	0.00%	648.8	
e912		76	270.8		270.8		627.7	0.01%
e913	1 0	0	0.0	0.00%	0.0	0.00%	655.7	0.02%
e914		0	0.0	0.00%	0.0	0.00%	689.4	0.02%
e915		0	0.0	0.00%	0.0	0.00%	516.8	
e916		0	0.0	0.00%	0.0	0.00%	232.1	0.01%
e917	Pump Priming	2	0.8		0.8		649.4	0.02%
		0						
e918		-	0.0	0.00%	0.0	0.00%	473.4	0.01%
e919	ı o	5	28.7	0.00%	28.7	0.00%	629.7	0.01%
e920		46	2,518.4	0.06%	2,568.8		458.9	
e921	Pump Priming	0	0.0	0.00%	0.0	0.00%	390.8	
e922	ı	0	0.0	0.00%	0.0	0.00%	131.1	0.00%
e923		0	0.0	0.00%	0.0	0.00%	98.1	0.00%
e924	, 0	0	0.0	0.00%	0.0	0.00%	131.1	0.00%
z61	Research	0	0.0	0.00%	0.0	0.00%	0.4	0.00%
d201	GPU 1b	90	2,375.2	0.06%	2,441.8		3,260.9	0.08%
	Access to HPC	133	2,150.8		2,150.8		7,050.7	0.17%
e804	Access to HPC	120	100.2	0.00%	100.2	0.00%	27,316.0	0.65%
	Access to HPC	215	1,363.8		1,471.2		20,959.5	
e845	Access to HPC	294	5,989.4	0.14%	6,211.0	0.15%	13,687.1	0.33%
e850	Access to HPC	1,481	11,171.1	0.27%	11,185.1	0.27%	16,630.4	0.39%
e863	Access to HPC	54	629.8	0.01%	629.8	0.01%	8,409.1	0.20%
e864	Access to HPC	82	76.6	0.00%	76.6	0.00%	16,630.4	0.39%
	Access to HPC	713	24,764.6		24,764.6	0.59%	24,456.5	
	Access to HPC	8	5,761.1	0.14%	8,091.4		36,482.6	
	Access to HPC	108	8,567.1	0.20%	8,569.5		11,739.1	0.28%
	Access to HPC	60	153.3		153.3		978.3	
	Access to HPC	0	0.0	0.00%	0.0	0.00%	1,956.5	0.05%
	Access to HPC	533	59,768.6		62,321.5	1.48%	78,260.9	1.86%
	Access to HPC	31	0.1	0.00%	0.1	0.00%	47,526.0	1.13%
	Access to HPC	220	8,048.3	0.19%	49,413.6	1.17%	8,152.2	0.19%
	Access to HPC	160	6,495.6		7,733.5		8,901.1	0.13%
	Access to HPC	450	7,852.0		7,733.3	0.19%	12,120.5	0.21%
	Access to HPC	121	4,585.1	0.19%	4,585.1	0.19%	16,304.3	0.29%
		0						
	Access to HPC	-	0.0		0.0	0.00%	16,630.4	0.39%
	Access to HPC	217	155,193.8		167,844.4	3.99%	76,958.3	1.83%
	Access to HPC	254	9,313.1	0.22%	9,949.4	0.24%	4,239.1	0.10%
	Access to HPC	7,828	43,034.8		43,948.1	1.04%	57,138.6	1.36%
	Access to HPC	75	8,386.2		30,219.9		15,733.7	0.37%
	Access to HPC	0	0.0		0.0		3,068.3	0.07%
e903	Access to HPC	2,354	36,201.0	0.86%	36,874.6	0.88%	24,456.5	0.58%

e904 Acces		of Jobs		Utilisation			CUs	
		103	CUs 27,739.3	0.66%	29,138.9	0.69%	32,021.7	0.76%
	SS tO HPCI	0	0.0		0.0	0.00%	19,239.1	0.46%
e906 Acces		244	2,005.9	0.05%	2,005.9	0.05%	15,782.6	
e909 Acces		387	1,183.7	0.03%	1,240.3	0.03%	30,919.6	
EPSRC Total		174,661	2,952,568.6		3,249,639.3	77.18%	3,217,589.4	76.42%
	Consortia	2,323	40,818.8		42,280.1	1.00%	68,876.7	1.64%
n02	Consortia	65,393	312,802.1	7.43%	321,100.8	7.63%	380,630.1	9.04%
	Consortia	3,070	57,286.5	1.36%	58,738.2	1.40%	52,191.8	
NERC Total		70,786	410,907.5	9.76%	422,119.0	10.03%	501,698.6	11.92%
b19	Class1a	801	13,594.0	0.32%	13,683.6	0.32%	1,310.7	0.03%
BBSRC Total		801	13,594.0	0.32%	13,683.6	0.32%	1,310.7	0.03%
e756 Le	eadership Awards	272	1,752.7	0.04%	1,755.3	0.04%	3,277.9	0.08%
e760 Le	eadership Awards	0	0.0	0.00%	0.0	0.00%	539.8	0.01%
e860 Le	eadership Awards	53	357.1	0.01%	357.1	0.01%	1,639.3	0.04%
e738	Class1a	0	0.0	0.00%	0.0	0.00%	6,564.0	0.16%
UKRI Total	2.2.00.4	325	2,109.8		2,112.4	0.05%	12,021.1	0.29%
ecseag09	eCSE	0	0.0	0.00%	0.0	0.00%	162.0	0.00%
ecseah01	eCSE	0	0.0	0.00%	0.0	0.00%	98.5	0.00%
ecseah05	eCSE	305	48.6		922.0	0.02%	52.6	
ecseai12	eCSE	0	0.0	0.00%	0.0	0.00%	57.0	0.00%
ecseaj02	eCSE	0	0.0	0.00%	0.0	0.00%	57.4	0.00%
ecseak01	eCSE	20	0.0	0.00%	0.0	0.00%	60.9	0.00%
ecseak02	eCSE	0	0.0	0.00%	0.0	0.00%	136.4	0.00%
ecseak03	eCSE	112	0.0	0.00%	41.6	0.00%	65.7	0.00%
ecseak05	eCSE	346	26.8	0.00%	26.8	0.00%	121.6	
ecseak07	eCSE	20	8.5	0.00%	3,255.2	0.08%	61.6	0.00%
ecseak09	eCSE	0	0.0	0.00%	0.0	0.00%	54.7	0.00%
ecseak12	eCSE	0	0.0	0.00%	0.0	0.00%	40.3	0.00%
ecseak15	eCSE	0	0.0	0.00%	0.0	0.00%	164.4	0.00%
ecseak16	eCSE	0	0.0	0.00%	0.0	0.00%	68.0	0.00%
ecsega10	eCSE	0	0.0	0.00%	0.0	0.00%	72.4	0.00%
ecsega20	eCSE	0	0.0	0.00%	0.0	0.00%	131.5	0.00%
ecsega23	eCSE	0	0.0	0.00%	0.0	0.00%	149.2	0.00%
ecsega29	eCSE	0	0.0	0.00%	0.0	0.00%	193.8	0.00%
ecsegb66	eCSE	0	0.0	0.00%	0.0	0.00%	28.7	0.00%
eCSE Total		803	83.9	0.00%	4,245.7	0.10%	1,776.8	0.04%
e609	Class1a	159	2,680.5	0.06%	2,680.5	0.06%	1,643.8	0.04%
e758	Class1a	33	0.0	0.00%	6.9	0.00%	14.0	0.00%
	Research	14	2.3		2.3		4,010.7	0.10%
	Research	0	0.0		0.0	0.00%	411.0	0.01%
	Research	0	0.0		0.0	0.00%	80.6	
	Research	0	0.0		0.0	0.00%	4.1	0.00%
	Research	15	0.1	0.00%	0.1	0.00%	41.1	0.00%
	Research	0	0.0		0.0	0.00%	219.0	0.01%
	Research	80 510	1,477.5		1,505.7	0.04%	2,106.2	0.05%
	Research	510 0	1,881.6 0.0		1,921.3 0.0	0.05% 0.00%	4,109.6 8.2	0.10% 0.00%
	Research		1,024.7	0.00%			1,657.5	
	Research Research	163 0	1,024.7	0.02%	1,024.9 0.0	0.02% 0.00%	1,578.1	0.04%
	Research	0	0.0	0.00%	0.0	0.00%	82.2	0.04%
	Research	226	3,244.5		3,336.6	0.00%	6,034.5	
	Research	0	0.0		0.0	0.00%	82.2	0.00%
	Research	37	0.0	0.00%	715.2	0.02%	0.1	0.00%
	Industrial	0	0.0		0.0	0.00%	36.2	0.00%
	Industrial	0	0.0		0.0	0.00%	53.4	
	Industrial	0	0.0	0.00%	0.0	0.00%	16.4	0.00%
d441	Industrial	0	0.0		0.0	0.00%	146.8	
i18	Industrial	0	0.0		0.0	0.00%	1,086.4	0.03%
	Industrial	68	20.3		20.3		89.6	
	Industrial	0	0.0		0.0		148.5	

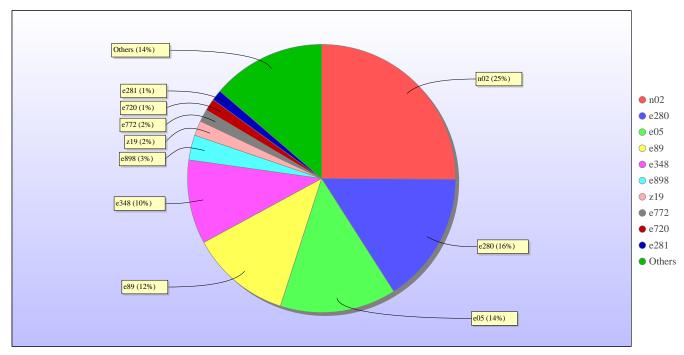
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
i239	Industrial	281	1,950.4	0.05%	1,991.6	0.05%	1,746.6	
i241	Industrial	2	0.3	0.00%	0.3	0.00%	847.4	0.02%
i242	Industrial	0	0.0		0.0	0.00%	787.3	
i243	Industrial	4	1.6	0.00%	1.6	0.00%	558.8	0.01%
i248	Industrial	25	2,350.4	0.06%	2,822.7	0.07%	16,449.6	
i251	Industrial	230	12,931.5	0.31%	12,954.2	0.31%	4,054.1	0.10%
i252	Industrial	1,081	553.3	0.01%	553.3	0.01%	1,992.9	0.05%
i254	Industrial	27	584.7	0.01%	585.2	0.01%	623.5	
i255	Industrial	0	0.0	0.00%	0.0	0.00%	53.4	0.00%
m22ol	Training	0	0.0	0.00%	0.0	0.00%	328.2	0.01%
m24hw	Training	0	0.0	0.00%	0.0	0.00%	467.3	0.01%
m24oc	Training	2,057	2,416.9	0.06%	2,423.9	0.06%	783.3	0.02%
m24ol	Training	12	1.2	0.00%	1.2	0.00%	467.3	0.01%
m25hw	Training	0	0.0	0.00%	0.0	0.00%	320.5	0.01%
m25oc	Training	0	0.0	0.00%	0.0	0.00%	641.0	0.02%
m25ol	Training	0	0.0		0.0	0.00%	320.5	
m24ext	Training	0	0.0	0.00%	0.0	0.00%	93.5	0.00%
m25ext	Training	0	0.0	0.00%	0.0	0.00%	64.1	0.00%
mdisspt	Training	1,045	137.5	0.00%	137.5	0.00%	287.7	0.01%
ta156	Training	0	0.0	0.00%	0.0	0.00%	30.7	0.00%
ta157	Training	0	0.0		0.0	0.00%	491.8	
ta169	Training	0	0.0	0.00%	0.0	0.00%	19.7	0.00%
ta170	Training	9	7.0	0.00%	7.0	0.00%	494.0	0.01%
ta179	Training	0	0.0	0.00%	0.0	0.00%	467.3	0.01%
ta186	Training	0	0.0	0.00%	0.0	0.00%	34.0	0.00%
ta188	Training	145	181.3	0.00%	204.1	0.00%	742.3	0.02%
ta195	Training	0	0.0	0.00%	0.0	0.00%	33.3	0.00%
ta201	Training	16	0.0	0.00%	0.0	0.00%	24.6	0.00%
ta202	Training	90	616.1	0.01%	616.1	0.01%	491.8	
ta203	Training	0	0.0	0.00%	0.0	0.00%	42.2	0.00%
ta205	Training	0	0.0	0.00%	0.0	0.00%	122.2	0.00%
ta205	Training	0	0.0	0.00%	0.0	0.00%	55.3	0.00%
	emicAccessUoE	87	30,510.0	0.72%	30,629.3	0.73%	10,132.6	
d444	Service	898	233.6		233.6	0.73%	1,474.5	
y01	Service	3	0.0	0.00%	0.0	0.00%	72.4	0.00%
y01 y02	Service	249	67.6		58.7	0.00%	2,052.0	0.05%
y02 y07	Service	249	0.0	0.00%	0.0	0.00%	2,032.0	0.00%
z02	Service	7	0.0	0.00%	0.7	0.00%	82.2	0.00%
z19	Service	4,691	5,839.7	0.00%	5,787.1	0.00%	4,109.6	
z41					0.0	0.14%	4,109.6	0.10%
	Service	0	0.0	0.00%			82.2	0.00%
z99	Service		0.0	2 222/	0.0	0.00%		
d447	UoE Access	184	1,098.4		1,098.4		2,942.5	
d448	UoE Access	603	332.7	0.01%	332.7	0.01%	2,370.8	
d449	UoE Access	5	63.2		63.2	0.00%	165.8	
d453	UoE Access	0	0.0		0.0	0.00%	819.7	0.02%
DirectorsTime		13,056	70,209.6	1.67%	71,716.5	1.70%	81,929.0	1.95%
Total						2.25	55	2.25
z56	Service	0	0.0		0.0	0.00%	23.1	0.00%
Internal Total		0	0.0	0.00%	0.0	0.00%	23.1	0.00%
e893	Pump Priming	3	48.0		63.5	0.00%	0.0	0.00%
Total		3	48.0		63.5	0.00%	0.0	0.00%
Total		260,435	3,449,521.4	81.93%	3,763,580.0	89.38%	3,816,348.7	90.64%



Use by Project



Uncharged Use by Project

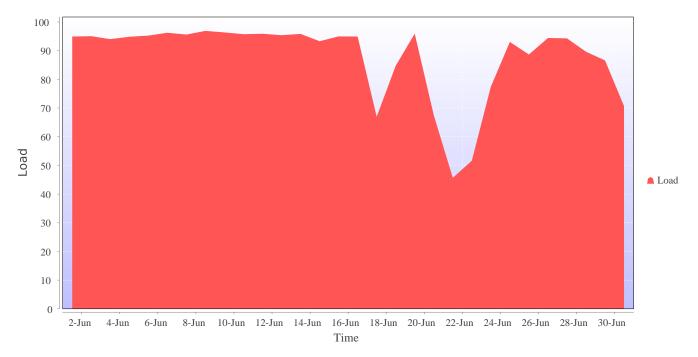


Jobs by Project

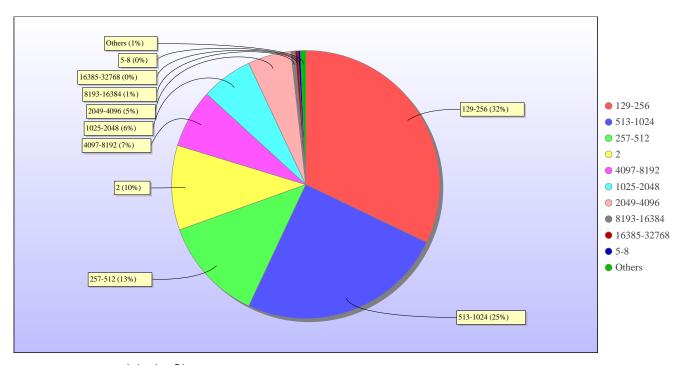
CUs (by Size)

Size	CUs	Number of Jobs
1	0	1
2	0	26,575
3-4	0	113
5-8	0.022	755
9-16	0	175
17-32	0.997	643
33-64	0	195
129-256	163,431.71	83,615
257-512	155,573.741	32,626
513-1024	308,296.429	64,812
1025-2048	512,585.949	16,178
2049-4096	459,534.175	
4097-8192	425,938.222	18,391
8193-16384	479,939.973	1,348
16385-32768	421,628.465	887
32769-65536	193,812.795	282
65537-131072	279,662.162	159
131073-262144	49,116.718	79
262145-524288	0	2
524289-1048576	0	1

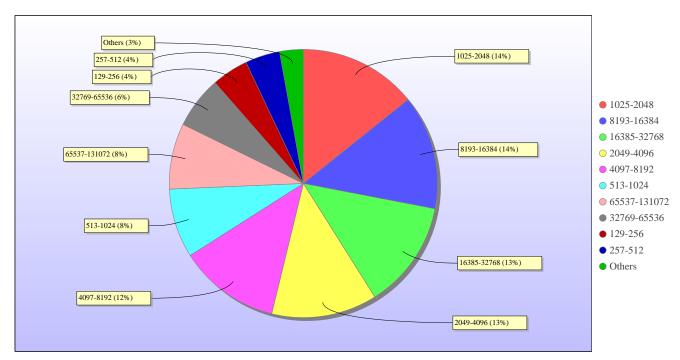
Load plots



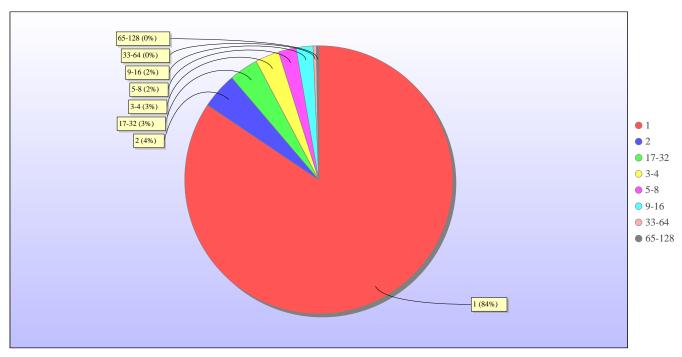
Percentage load on machine



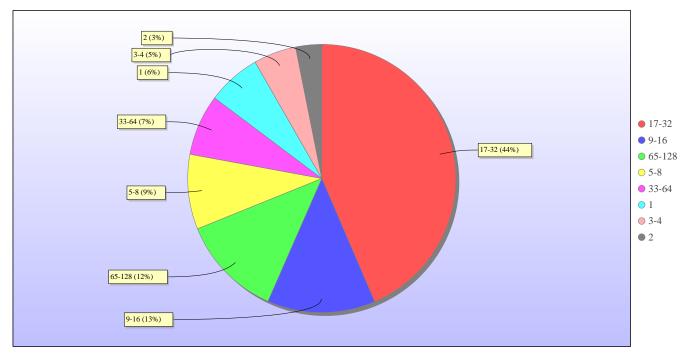
Jobs by Size



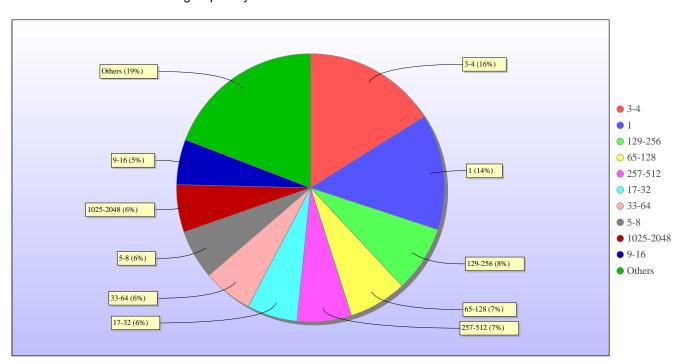
CUs used by Size



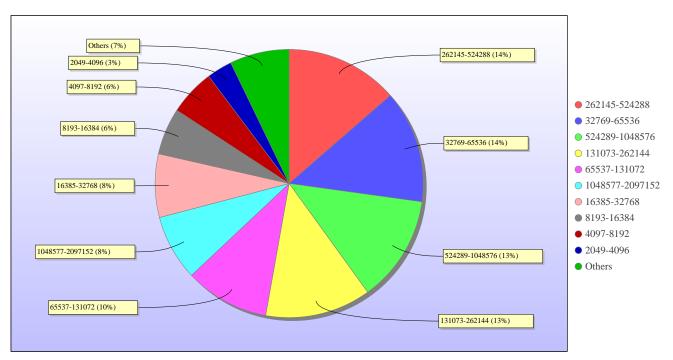
Jobs grouped by wall-clock-hours



CUs used grouped by wall-clock-hours



Jobs grouped by core-hours

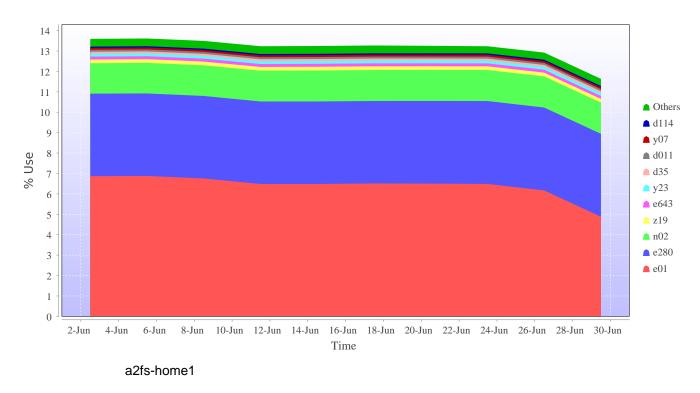


CUs used grouped by core-hours

Disk usage

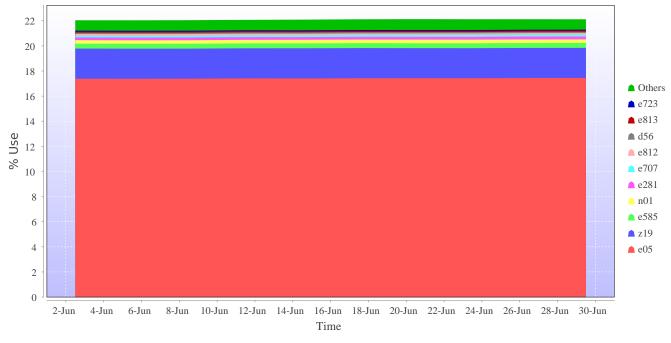
Disk usage for home (a2fs-home1)

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)

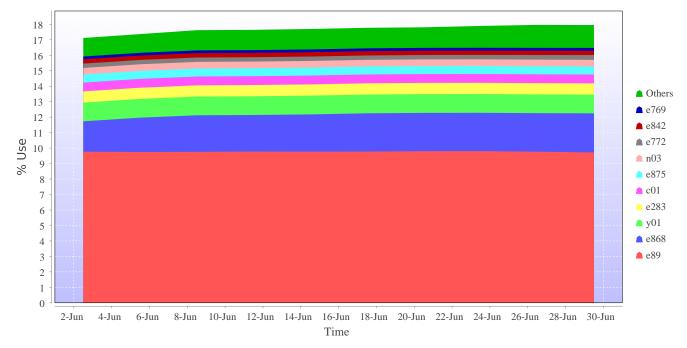
This is a plot of Disk Use on a2fs-home2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-home2

Disk usage for home (a2fs-home3)

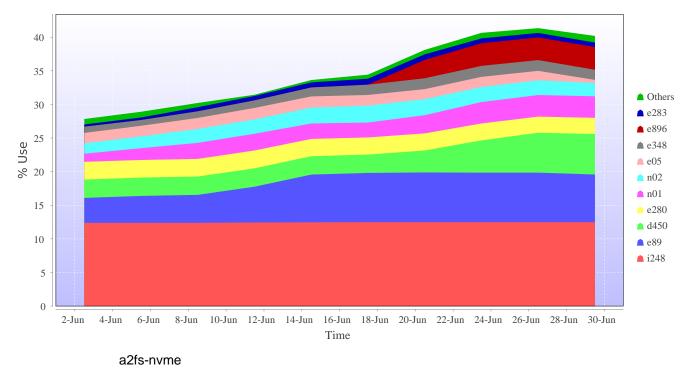
This is a plot of Disk Use on a2fs-home3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-home3

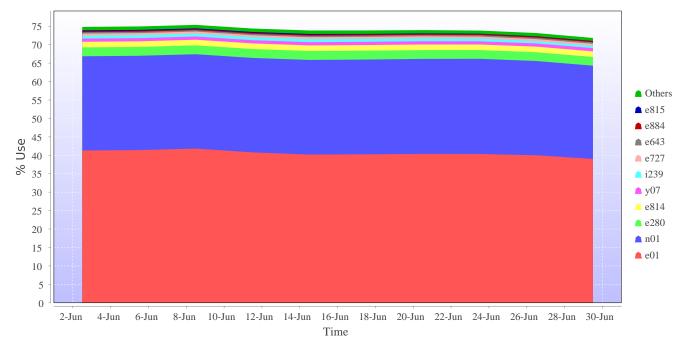
Disk usage for scratch (a2fs-nvme)

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)

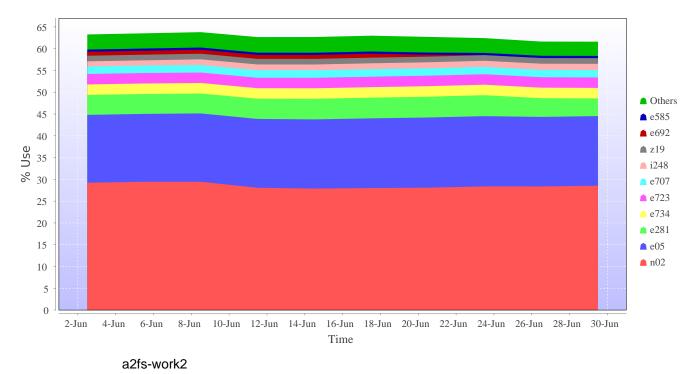
This is a plot of Disk Use on a2fs-work1 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



Disk usage for work (a2fs-work2)

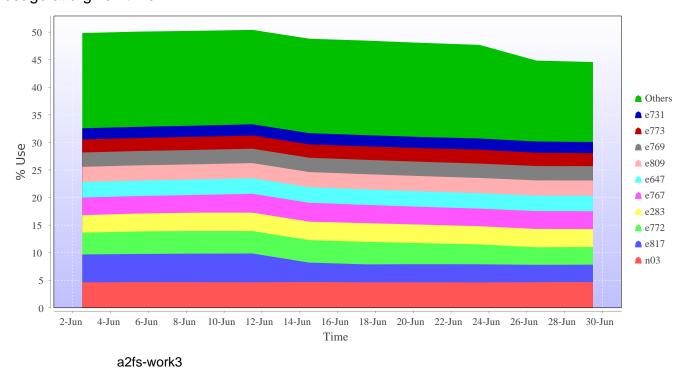
a2fs-work1

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.



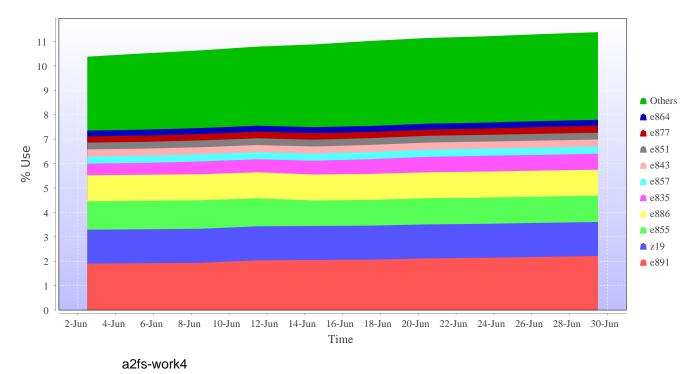
Disk usage for work (a2fs-work3)

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.



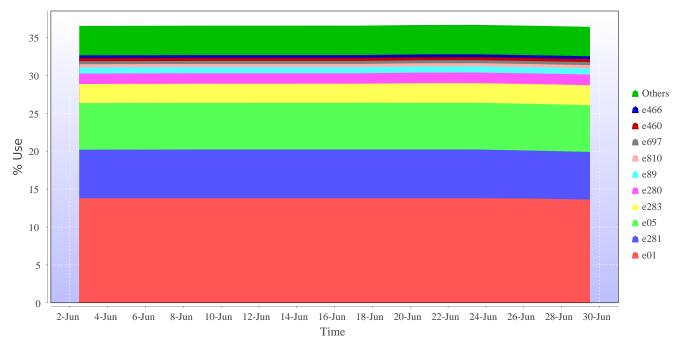
Disk usage for work (a2fs-work4)

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)

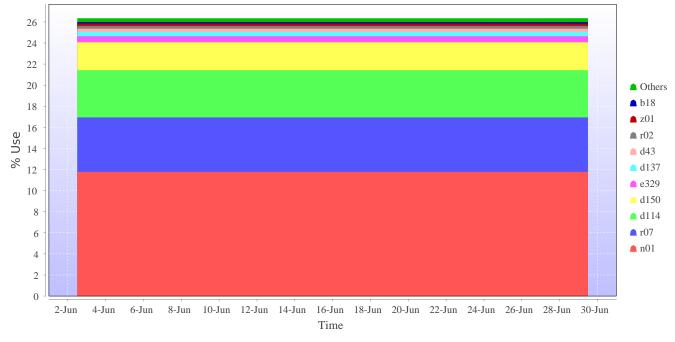
This is a plot of Disk Use on rdfaas_epsrc against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



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