# Monthly Reporting

## Report from 01 August 2025 to 28 August 2025

#### Report for Resource Pool Archer2 on archer2

A total of 3,982,488 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.

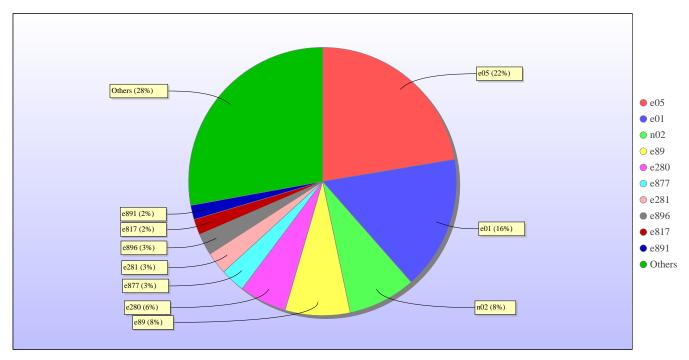
The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend 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	29	807.7	0.02%	807.7	0.02%	8,792.1	0.22%
	Awards							
e820	Leadership	12	216.6	0.01%	216.6	0.01%	7,487.1	0.19%
	Awards							
e821	Leadership	0	0.0	0.00%	0.0	0.00%	3,255.4	0.08%
	Awards							
e861	Leadership	0	0.0	0.00%	0.0	0.00%	5,550.4	0.14%
	Awards							
e862	Leadership	50	745.4	0.02%	745.4	0.02%	1,480.1	0.04%
	Awards	2.12				0.000/		
e808	Pioneer	218	1,927.7	0.05%	8,590.1	0.22%	2,175.2	0.05%
0.10	Projects	_		0.000/	4444	0.000/	0.040.0	0.000
e810	Pioneer	/	144.4	0.00%	144.4	0.00%	3,016.2	0.08%
e812	Projects Pioneer	480	8,524.6	0.21%	0.504.6	0.21%	12,393.6	0.31%
eo 12	Projects	460	0,324.0	0.21%	8,524.6	0.21%	12,393.0	0.319
e813	Pioneer	171	1,947.1	0.05%	1,947.1	0.05%	3,921.9	0.10%
6013	Projects	171	1,947.1	0.05%	1,947.1	0.05%	3,921.9	0.107
e815	Pioneer	335	11,563.8	0.29%	11,563.8	0.29%	16,389.0	0.41%
6013	Projects	333	11,303.0	0.2970	11,505.0	0.2970	10,309.0	0.417
e817	Pioneer	27	57,401.5	1.44%	62,259.0	1.56%	9,900.6	0.25%
0017	Projects	21	07,401.0	1.4470	02,200.0	1.0070	0,000.0	0.207
c01	Class1a	305	3,600.3	0.09%	3,600.3	0.09%	23,960.0	0.60%
e348	Class1a	45,964	19,188.2		19,190.1	0.48%	38,945.1	
e643	Class1a	318	5,086.9		5,146.9		9,995.6	
e647	Class1a	150	129.0		129.3		2,079.1	
e712	Class1a	82	35,111.5		40,820.9		18,501.2	
e720	Class1a	661	50,065.8		53,188.9		33,302.2	
e721	Class1a	843	1,262.8		1,289.0			
e751	Class1a	47	2,402.0		2,402.0		6,938.0	
e767	Class1a	3,269	59,578.6		59,578.6		12,648.2	
e770	Class1a	. 8	1,045.9		1,045.9		10,797.3	
e835	Class1a	182	9,013.5		9,013.5		9,682.3	
e838	Class1a	95	4,114.5		4,114.5		10,792.4	
e855	Class1a	72	32,928.9		33,145.3		35,476.8	
e891	Class1a	196	60,895.4		61,157.4		65,847.3	
e892	Class1a	0	0.0		0.0		385.4	
e01	Consortia	2,583	297,435.4		576,455.5		320,872.5	
e05	Consortia	31,684	717,676.8		797,672.5		713,068.8	
e89	Consortia	82,310	275,998.6		279,125.8		347,760.6	
e280	Consortia	9,700	184,691.8		204,312.0		195,634.9	
e281	Consortia	5,130	88,221.1	2.22%	95,327.1	2.39%	107,923.9	

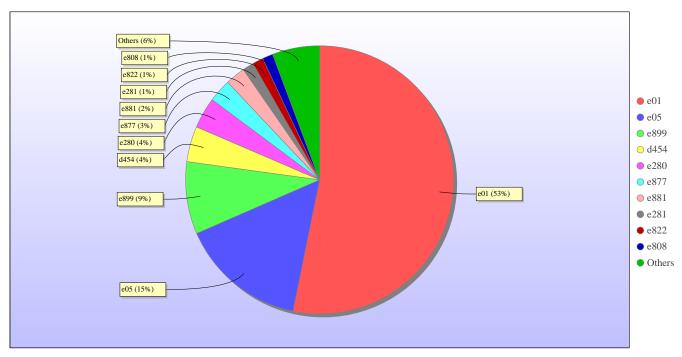
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e283	Consortia	2,602	50,444.5	1.27%	50,499.9	1.27%	70,150.6	1.76%
e772	Consortia	2,376	53,941.9	1.35%	55,088.7	1.38%	58,690.5	
e773	Consortia	1,386	16,540.8		16,618.4	0.42%	28,536.3	0.72%
e887	Pump Priming	0	0.0	0.00%	0.0	0.00%	617.0	0.02%
e893		0	0.0	0.00%	0.0	0.00%	310.4	0.01%
e900		0	0.0		0.0		29.5	0.00%
e907		26	1,125.0	0.03%	1,125.0	0.03%	373.5	0.01%
e908		0	0.0	0.00%	0.0	0.00%	364.7	0.01%
e910	Pump Priming	0	0.0	0.00%	0.0	0.00%	88.8	0.00%
e911	Pump Priming	6	576.0	0.01%	576.0	0.01%	613.7	0.02%
e912	Pump Priming	253	1,080.6	0.03%	1,080.6	0.03%	538.4	0.01%
e913		0	0.0	0.00%	0.0	0.00%	620.2	0.02%
e914	Pump Priming	44	676.9	0.02%	676.9	0.02%	652.0	0.02%
e915		9	0.0	0.00%	0.0	0.00%	445.2	0.01%
e916	Pump Priming	0	0.0	0.00%	0.0	0.00%	219.5	0.01%
e917	Pump Priming	157	1,519.9	0.04%	1,538.7	0.04%	614.2	0.02%
e918		0	0.0	0.00%	0.0	0.00%	447.7	0.01%
e919	Pump Priming	6	434.6	0.01%	434.6	0.01%	595.6	0.01%
e920		0	0.0	0.00%	0.0	0.00%	620.1	0.02%
e921	Pump Priming	0	0.0	0.00%	0.0	0.00%	583.6	
e922	Pump Priming	0	0.0	0.00%	0.0	0.00%	620.1	0.02%
e923	Pump Priming	4	598.4	0.02%	598.4	0.02%	464.1	0.01%
e924	Pump Priming	45	685.9	0.02%	685.9	0.02%	620.1	0.02%
e932	Pump Priming	59	488.3	0.01%	488.3	0.01%	616.7	0.02%
e934	Pump Priming	46	802.3	0.02%	802.3	0.02%	616.7	0.02%
e935	Pump Priming	13	43.0	0.00%	43.0	0.00%	486.3	0.01%
e937	Pump Priming	3	5.8	0.00%	7.5	0.00%	63.1	0.00%
z61	Research	0	0.0	0.00%	0.0	0.00%	0.4	0.00%
d201	GPU 1b	51	647.0	0.02%	647.0	0.02%	3,083.1	0.08%
e727	Access to HPC	3	192.0	0.00%	192.0	0.00%	1,645.2	0.04%
	Access to HPC	0	0.0	0.00%	0.0	0.00%	1,492.8	
	Access to HPC	8	1.3	0.00%	1.3		1,738.0	0.04%
	Access to HPC	0	0.0	0.00%	0.0	0.00%	25,836.4	0.65%
	Access to HPC	211	17,345.4	0.44%	17,571.2		12,575.7	0.32%
	Access to HPC	2,861	30,574.6		31,677.8		12,728.9	
	Access to HPC	1,432	12,358.9		12,358.9	0.31%	15,998.9	
	Access to HPC	4	96.1	0.00%	96.1	0.00%	1,121.2	0.03%
	Access to HPC	686	9,394.9	0.24%	9,394.9		14,358.3	0.36%
	Access to HPC	23	1,846.5		1,846.5		815.2	0.02%
	Access to HPC	0	0.0	0.00%	0.0	0.00%	28,442.9	0.71%
	Access to HPC	99	7,442.3		7,442.9		11,103.3	
	Access to HPC	90	547.7		547.7	0.01%	465.1	0.01%
	Access to HPC	10	468.7	0.01%	468.7	0.01%	521.7	
	Access to HPC	200	58,321.0	1.46%	68,409.4	1.72%	28,695.7	0.72%
	Access to HPC	3	0.1	0.00%	0.1	0.00%	46,501.4	
	Access to HPC	240	5,753.7	0.14%	18,282.5		7,930.9	0.20%
	Access to HPC	70	16,682.5		16,682.5	0.42%	8,327.4	0.21%
	Access to HPC	247	5,509.3		5,509.3		11,463.9	0.29%
	Access to HPC	402	47,348.8		48,685.8		11,629.1	0.29%
	Access to HPC	0	0.0		0.0		15,988.3	0.40%
	Access to HPC	134	93,992.2		93,992.2		74,021.7	1.86%
	Access to HPC	7	152.4		152.4		4,008.3	0.10%
	Access to HPC	3,741	33,285.4	0.84%	33,299.0	0.84%	54,043.6	1.36%
	Access to HPC	75	104.7	0.00%	45,839.1	1.15%	14,876.9	0.37%
	Access to HPC	407	5,822.2		5,822.2		6,797.7	0.17%
	Access to HPC	142	8,296.9		8,344.9		23,124.6	0.58%
	Access to HPC	21	25,405.5		26,084.1	0.65%	29,871.6	
	Access to HPC	1 510	0.0		0.0		17,059.3	
	Access to HPC Access to HPC	1,519	26,940.1	0.68%	26,940.1	0.68%	14,777.1	0.37% 0.74%
		213	1,188.4		1,399.2	0.04%	29,298.2	
	Access to HPC Access to HPC	26 1,772	3,625.9 47,335.1	0.09% 1.19%	3,625.9 47,335.1	0.09% 1.19%	6,181.1 30,828.4	0.16% 0.77%
	Access to HPC		0.0		0.0		462.4	0.77%
e930	ALLESS IU TIPU	0	0.0	0.00%	0.0	0.00%	402.4	0.01%

Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
e931	Access to HPC	38	12,203.0	0.31%	12,203.0	0.31%	22,159.7	0.56%
e933	Access to HPC	63	107.1	0.00%	107.1	0.00%	14,980.3	0.38%
e936	Access to HPC	0	0.0	0.00%	0.0	0.00%	3,846.4	0.10%
	Access to HPC	0	0.0	0.00%	0.0	0.00%	499.8	
EPSRC Total		206,761	2,533,679.4	63.62%	3,016,737.5	75.75%	2,818,225.7	70.77%
n01	Consortia	2,112	34,234.9	0.86%	34,795.3	0.87%	65,145.9	1.64%
n02		132,180	285,927.9	7.18%	291,956.7	7.33%	360,012.7	9.04%
n03	Consortia	3,160	42,108.8	1.06%	42,108.8	1.06%	49,364.7	1.24%
NERC Total		137,452	362,271.6		368,860.9	9.26%	474,523.3	11.92%
e756	Awards	324	5,745.6		5,745.6	0.14%	3,100.4	
e760	Awards	0	0.0	0.00%	0.0	0.00%	510.6	
e860	Awards	175	3,228.6		3,228.6	0.08%	1,550.5	
e738	Class1a	0	0.0	0.00%	0.0	0.00%	6,208.4	0.16%
UKRI Total		499	8,974.2		8,974.2	0.23%	11,369.9	
ecseag09		77	3,273.7	0.08%	3,326.2	0.08%	153.3	0.00%
ecseah01	eCSE	1	0.0		0.0	0.00%	93.2	0.00%
ecseah05		0	0.0	0.00%	0.0	0.00%	49.8	0.00%
ecseai12	eCSE	0	0.0	0.00%	0.0	0.00%	53.9	0.00%
ecseaj02		0	0.0		0.0	0.00%	54.3	
ecseak01	eCSE	61	0.0	0.00%	3.9	0.00%	57.6	
ecseak02		0	0.0		0.0	0.00%	129.0	0.00%
ecseak03		33	13.1	0.00%	13.2	0.00%	62.1	0.00%
ecseak05	eCSE eCSE	549	109.5	0.00%	109.5	0.00% 0.00%	115.0	0.00% 0.00%
ecseak07		9 112	33.3	0.00% 0.00%	33.3 16.3		58.3 51.7	
ecseak09			16.3	0.00%	0.0	0.00%	38.1	0.00% 0.00%
ecseak12 ecseak15	eCSE	0	0.0	0.00%	0.0	0.00% 0.00%	155.5	0.00%
ecseak16		0	0.0	0.00%	0.0	0.00%	64.4	0.00%
ecsega10		48	0.0		0.0	0.00%	68.5	
ecsega10		0	0.0	0.00%	0.0	0.00%	124.4	0.00%
ecsega23		0	0.0	0.00%	0.0	0.00%	141.1	0.00%
ecsega29		0	0.0	0.00%	0.0	0.00%	183.3	
ecsegb12		20	6.6		6.6	0.00%	85.2	0.00%
ecsegb66		0	0.0	0.00%	0.0	0.00%	27.2	0.00%
eCSE Total	0002	910	3,452.6		3,509.2	0.09%	1,765.8	0.04%
e609	Class1a	143	2,233.3	0.06%	2,278.5	0.06%	2,079.1	0.05%
d35	Research	5	0.2	0.00%	0.2	0.00%	3,793.4	0.10%
d142		0	0.0		0.0	0.00%	388.7	0.01%
d184		0	0.0		0.0		3.9	
d196		2	0.3		0.3	0.00%	38.9	
d197		0	0.0	0.00%	0.0	0.00%	207.1	0.01%
d198		7	27.3		27.3		1,992.1	0.05%
d202		62	0.4	0.00%	0.4	0.00%	3,887.0	
d203	Research	0	0.0	0.00%	0.0	0.00%	7.8	
d435		37	171.0		171.0	0.00%	1,567.7	0.04%
d443		34	798.5		798.6	0.02%	1,278.7	0.03%
d445	Research	19	19.7	0.00%	19.7	0.00%	76.3	0.00%
d450		411	11,218.5		11,233.3	0.28%	5,707.6	
d451	Research	0	0.0		0.0	0.00%	77.7	0.00%
i246		36	0.0	0.00%	667.6	0.02%	0.1	0.00%
d195		0	0.0		0.0	0.00%	34.3	0.00%
d433		31	0.8		0.8		58.9	
d434		0	0.0		0.0	0.00%	15.5	
d441	Industrial	20	13.8		20.2	0.00%	138.8	
i030		0	0.0		0.0	0.00%	4,587.8	
i239		436	1,209.2		1,324.1	0.03%	1,328.2	
i241	Industrial	12	14.1	0.00%	14.1	0.00%	801.5	
i242		0	0.0		0.0	0.00%	744.7	0.02%
i243		0	0.0		0.0	0.00%	573.8	
i248	Industrial	78	13,513.2	0.34%	13,513.8	0.34%	24,611.9	0.62%

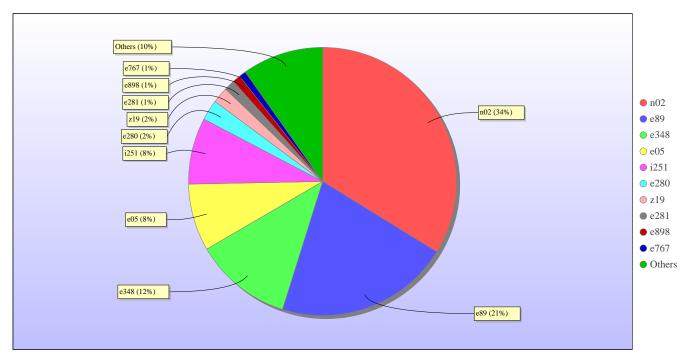
Project	Project Class	Number of Jobs	Charged CUs	Charged Utilisation	Used CUs	Utilisation	Allocated CUs	Allocation
i251	Industrial	31,329	10,768.5		10,784.4		2,650.6	
i252	Industrial	117	935.5	0.02%	935.5		1,884.9	0.05%
i254	Industrial	166	640.7	0.02%	641.4	0.02%	589.7	0.01%
i255	Industrial	13	60.4	0.00%	60.4	0.00%	137.7	0.00%
m22ol	Training	0	0.0	0.00%	0.0	0.00%	310.4	0.01%
m24oc		849	99.4	0.00%	166.3		740.9	0.02%
m25hw	Training	0	0.0	0.00%	0.0		363.8	
m25oc		0	0.0	0.00%	0.0		727.6	
m25ol	Training	0	0.0	0.00%	0.0		727.6	
m25ext	Training	0	0.0		0.0		363.8	
mdisspt		315	81.9	0.00%	81.9		388.7	0.01%
ta156		0	0.0	0.00%	0.0		29.1	0.00%
ta150	Training	0	0.0	0.00%	0.0		465.2	0.01%
ta169		0	0.0	0.00%	0.0		18.6	0.00%
ta170		5	0.0	0.00%	0.0		467.2	0.00%
	0							
ta179		0	0.0	0.00%	0.0		442.0	0.01%
ta186		0	0.0	0.00%	0.0		32.2	0.00%
ta188		90	1,059.9	0.03%	1,060.2		702.1	0.02%
ta195		0	0.0	0.00%	0.0		31.5	
ta201	Training	45	0.2	0.00%	0.2		33.7	0.00%
ta202		401	1,129.6		1,129.7	0.03%	558.2	0.01%
ta205	Training	0	0.0	0.00%	0.0		5.6	0.00%
ta206		0	0.0	0.00%	0.0	0.00%	112.0	0.00%
ta208	Training	553	48.2	0.00%	32.4	0.00%	112.0	0.00%
ta209	Training	0	0.0	0.00%	0.0	0.00%	149.3	0.00%
ta210	Training	0	0.0	0.00%	0.0	0.00%	93.2	0.00%
tc070	Training	2	1.8	0.00%	1.8	0.00%	83.5	0.00%
e822	Access to HPC	77	11,773.8	0.30%	18,366.0	0.46%	1,127.5	0.03%
Scottish Add Add	emicAccessUoE	1	0.0	0.00%	0.0	0.00%	204.6	0.01%
Scottish Add 502	emicAccessUoE	78	9,035.2	0.23%	9,035.2	0.23%	4,509.0	0.11%
d444	Service	1,245	361.1	0.01%	361.1	0.01%	930.7	0.02%
y01	Service	50	886.9	0.02%	646.7		68.5	
y02		58	0.6		1.2		1,940.8	0.05%
y07	Service	0	0.0	0.00%	0.0		25.9	0.00%
z02		3	0.3		0.3		77.7	0.00%
z19		7,518	16,187.9	0.41%	15,003.6		5,830.5	
z41	Service	0	0.0	0.00%	0.0		1.0	0.00%
z99	Service	0	0.0	0.00%	0.0		77.7	0.00%
d447	UoE Access	239	1,921.0	0.05%	1,921.0		2,783.1	0.07%
d447	UoE Access	867	271.2	0.01%	271.2		1,037.8	0.03%
d448		0	0.0		0.0		154.9	
d453		0 114	0.0 5.503.6		0.0		775.3 1,550.5	
d454		114	5,592.6		28,064.3			
d455	UoE Access	45,400	0.0		0.0		42.1	0.00%
DirectorsTime Total		45,468	90,077.9		118,635.4		87,360.2	2.19%
z56	Service	0	0.0	0.00%	0.0		23.5	
Internal Total		0	0.0	0.00%	0.0		23.5	
e865	Access to HPC	1	800.4	0.02%	800.4	0.02%	0.0	0.00%
e808	Pioneer	23	5,699.7	0.14%	5,716.2	0.14%	0.0	0.00%
	Projects							
e731	Pioneer Projects	3	971.6	0.02%	971.6	0.02%	0.0	0.00%
e813	Pioneer	1	119.7	0.00%	119.7	0.00%	0.0	0.00%
- 070	Projects		407.0	0.0001	107.0	0.0001	0.0	0.0007
	Access to HPC	4	187.6		187.6		0.0	
	Access to HPC	11	33,095.0		37,571.1		0.0	
e817	Projects	1	5,382.9		5,382.9		0.0	
Total		44	46,256.8	1.16%	50,749.4	1.27%	0.0	
Total		391,134	3,044,712.5		3,567,466.6		3,393,268.4	85.20%



Use by Project



Uncharged Use by Project

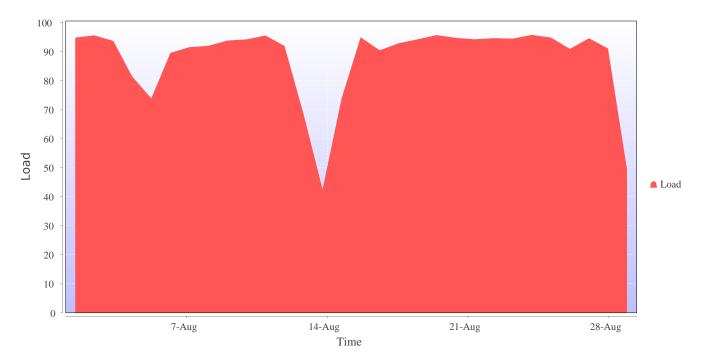


Jobs by Project

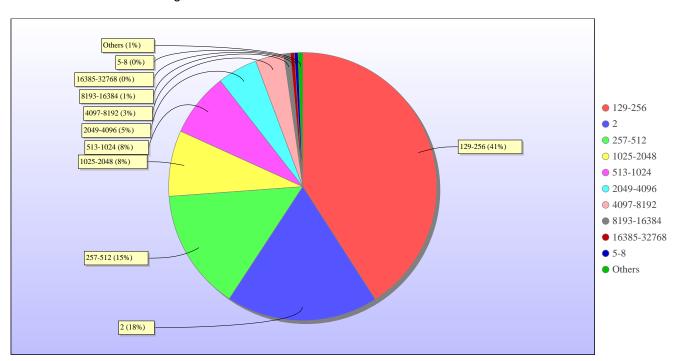
## CUs (by Size)

Size	CUs	Number of Jobs
1	0	99
2	0	71,693
3-4	0	164
5-8	0	1,695
9-16	0	335
17-32	7.127	504
33-64	0	180
129-256	255,037.018	
257-512	171,871.896	
513-1024	321,252.114	
1025-2048	556,825.776	
2049-4096	543,562.76	18,867
4097-8192	362,329.083	
8193-16384	376,481.437	
16385-32768	177,107.196	1,867
32769-65536	144,523.868	418
65537-131072	125,612.846	364
131073-262144	7,617.873	133
262145-524288	881.64	4

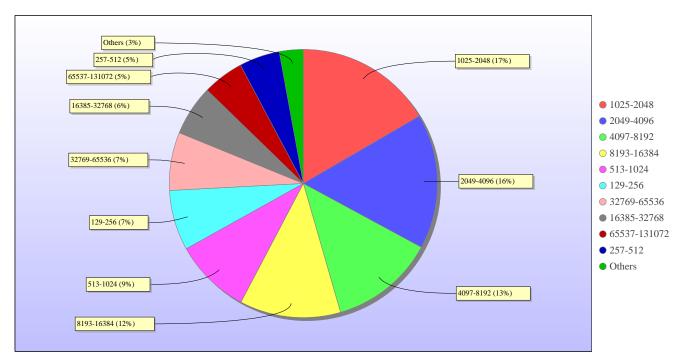
## **Load plots**



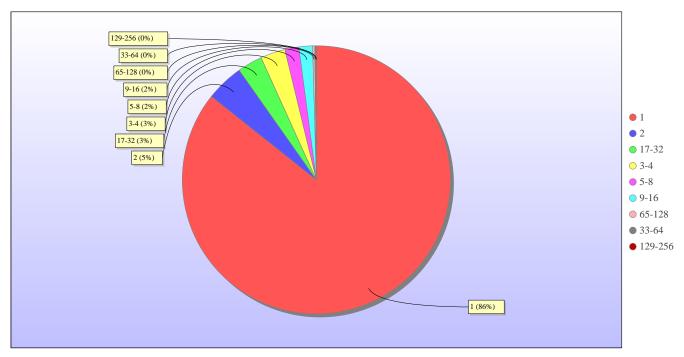
Percentage load on machine



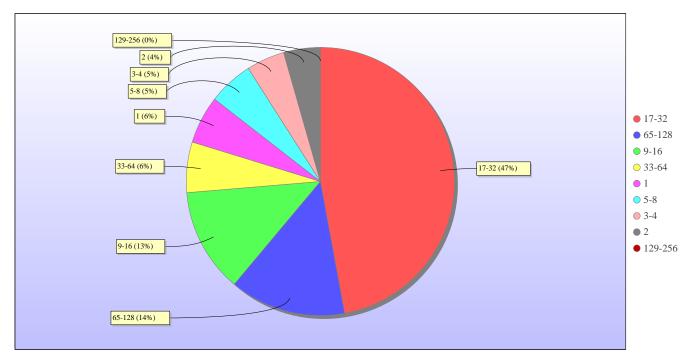
Jobs by Size



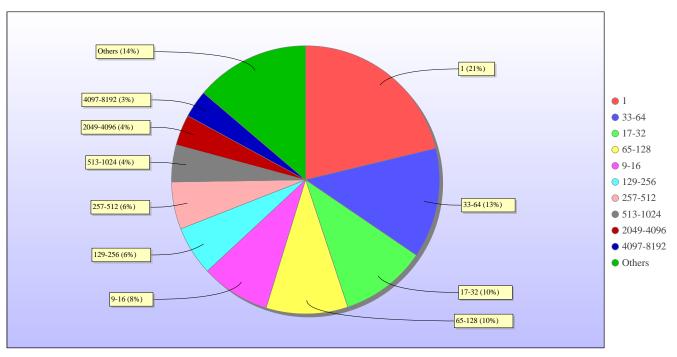
CUs used by Size



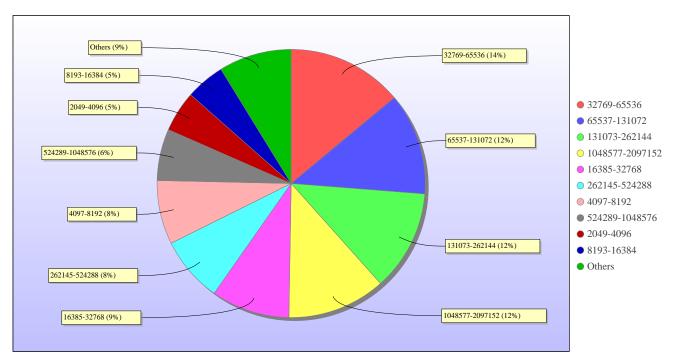
Jobs grouped by wall-clock-hours



CUs used grouped by wall-clock-hours



Jobs grouped by core-hours

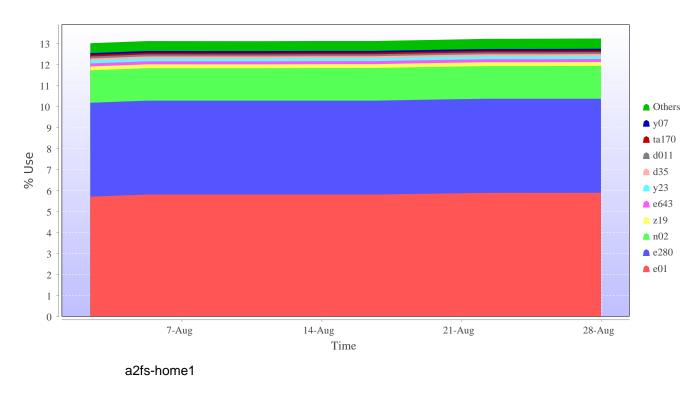


CUs used grouped by core-hours

## Disk usage

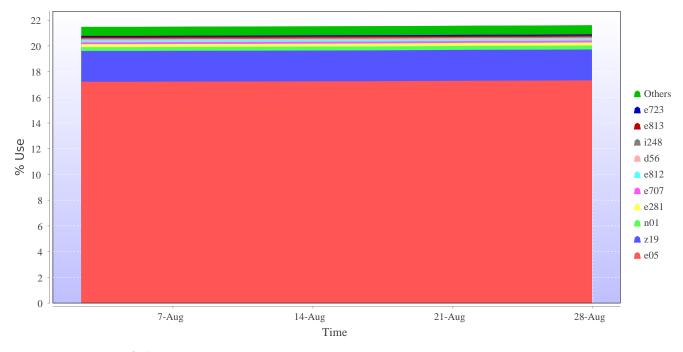
#### Disk usage for home (a2fs-home1)

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)

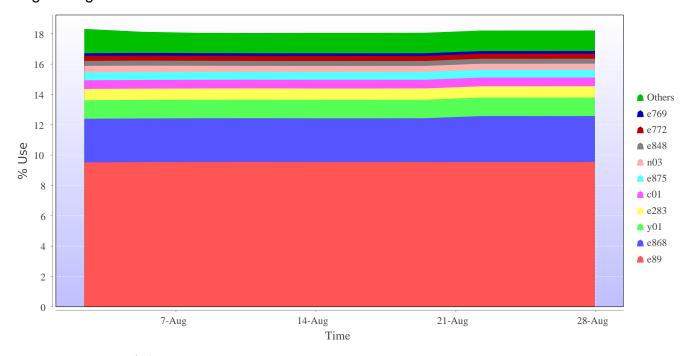
This is a plot of Disk Use on a2fs-home2 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-home2

#### Disk usage for home (a2fs-home3)

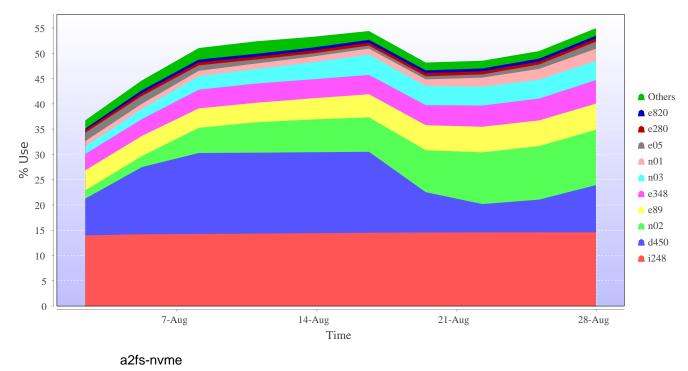
This is a plot of Disk Use on a2fs-home3 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



a2fs-home3

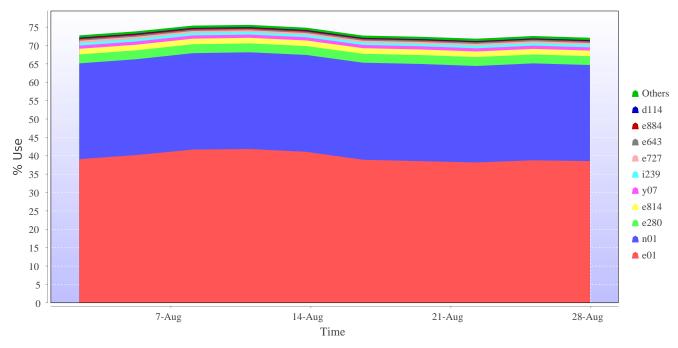
## Disk usage for scratch (a2fs-nvme)

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)

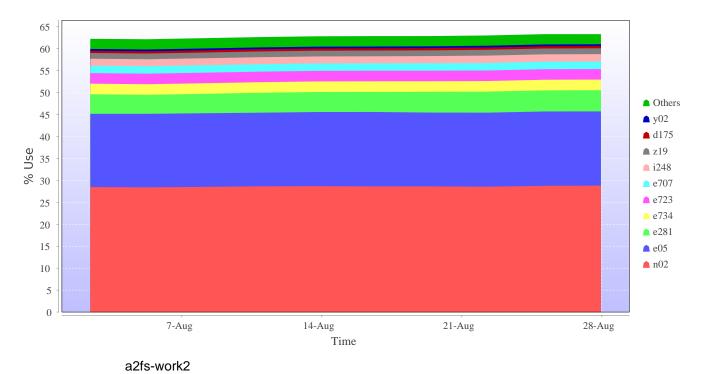
This is a plot of Disk Use on a2fs-work1 against time. The plot is divided into a number of classes according to Project. This is a stacked plot so the top of the plot represents the total usage at a given time.



## Disk usage for work (a2fs-work2)

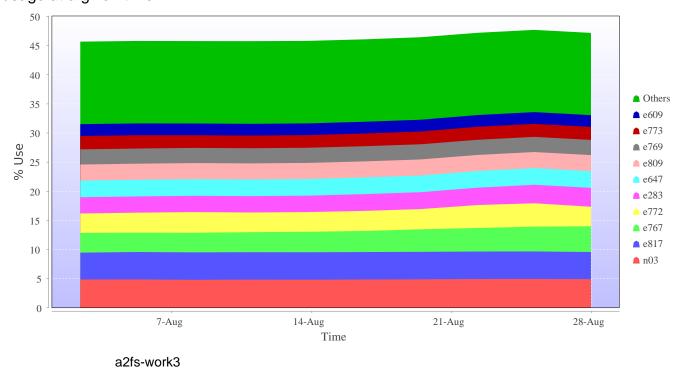
a2fs-work1

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.



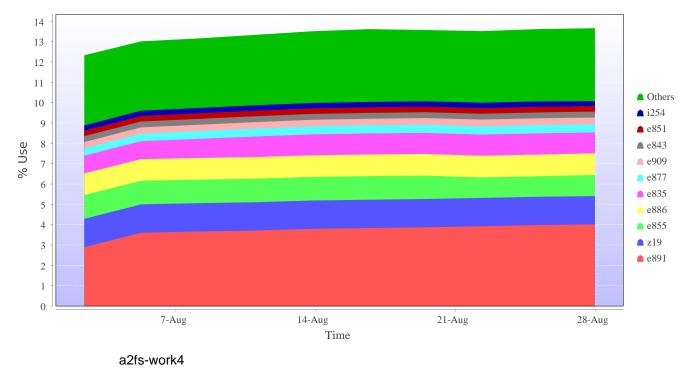
## Disk usage for work (a2fs-work3)

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.



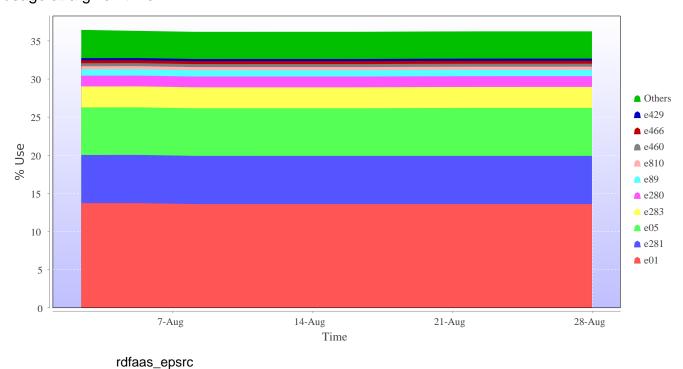
## Disk usage for work (a2fs-work4)

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.



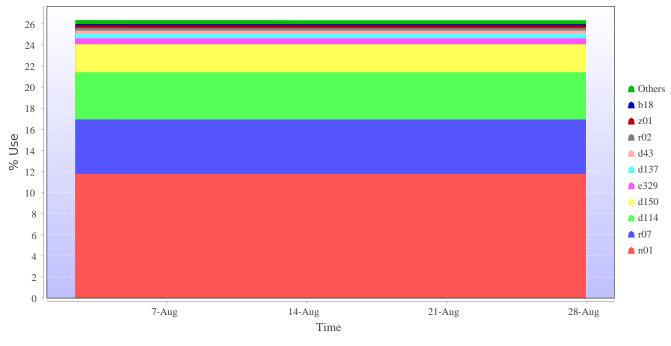
## Disk usage for epsrc ( rdfaas\_epsrc )

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 )

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