

Monthly Reporting

Report from 01 September 2019 to 30 September 2019

Report for Resource Pool XC on ARCHER

A total of 1,275,263.997 kAU 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.

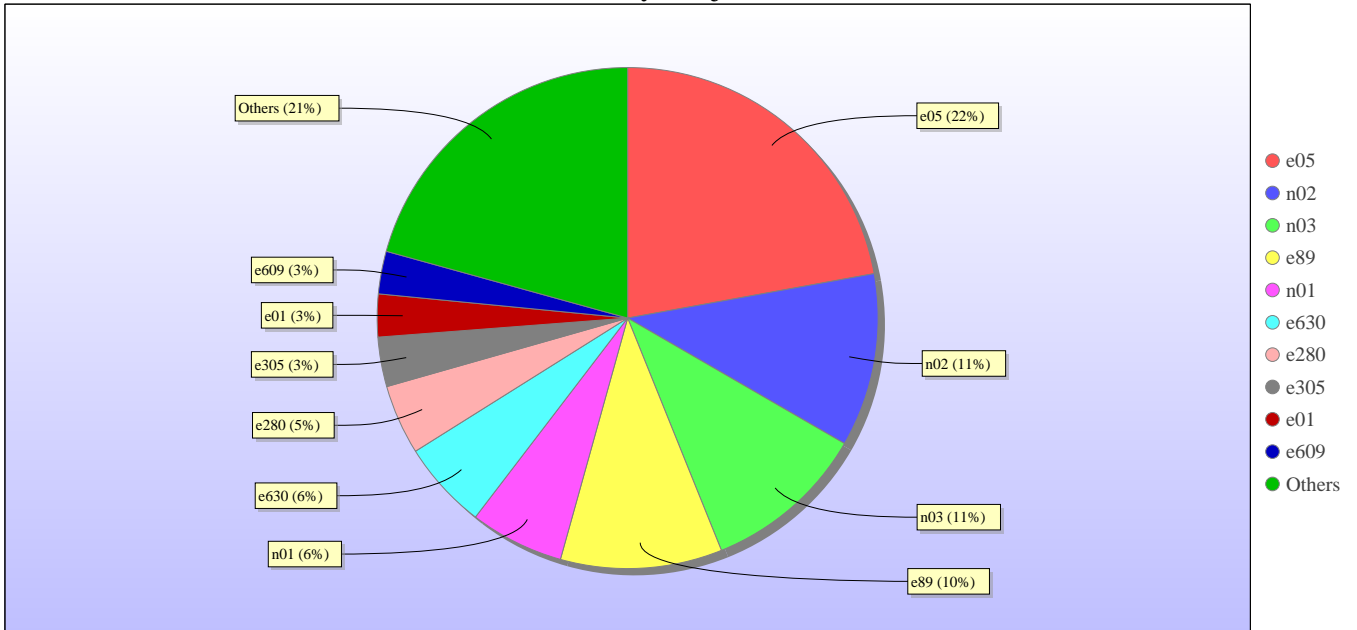
The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend 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 kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs	Allocation
E635	Class1a	0	0.0	0.00%	0.0	0.00%	701.2	0.05%
c01	Class1a	432	1,598.4	0.13%	1,598.4	0.13%	12,868.9	1.01%
e403	Class1a	0	0.0	0.00%	0.0	0.00%	8,344.3	0.65%
e432	Class1a	49	1,206.0	0.09%	1,206.0	0.09%	4,575.6	0.36%
e448	Class1a	232	7,487.8	0.59%	7,487.8	0.59%	21,496.3	1.69%
e451	Class1a	0	0.0	0.00%	0.0	0.00%	3,664.4	0.29%
e517	Class1a	0	0.0	0.00%	0.0	0.00%	0.0	0.00%
e518	Class1a	0	0.0	0.00%	0.0	0.00%	737.7	0.06%
e519	Class1a	106	20,795.6	1.63%	20,795.7	1.63%	4,918.0	0.39%
e527	Class1a	0	0.0	0.00%	0.0	0.00%	1,793.1	0.14%
e530	Class1a	0	0.0	0.00%	0.0	0.00%	1,093.4	0.09%
e537	Class1a	1,023	796.7	0.06%	796.7	0.06%	673.5	0.05%
e558	Class1a	247	1,668.5	0.13%	1,668.5	0.13%	522.2	0.04%
e569	Class1a	1	1.0	0.00%	1.0	0.00%	1,913.6	0.15%
e571	Class1a	0	0.0	0.00%	0.0	0.00%	252.4	0.02%
e572	Class1a	1,137	90.2	0.01%	90.2	0.01%	3,277.9	0.26%
e575	Class1a	0	0.0	0.00%	0.0	0.00%	2,801.6	0.22%
e580	Class1a	161	3,103.0	0.24%	3,103.0	0.24%	796.4	0.06%
e584	Class1a	0	0.0	0.00%	0.0	0.00%	2,669.1	0.21%
e588	Class1a	0	0.0	0.00%	0.0	0.00%	2,294.6	0.18%
e606	Class1a	0	0.0	0.00%	0.0	0.00%	4,781.7	0.37%
e607	Class1a	778	26,950.1	2.11%	27,030.2	2.12%	5,737.7	0.45%
e608	Class1a	46	2,191.6	0.17%	4,183.5	0.33%	3,277.9	0.26%
e609	Class1a	260	29,512.0	2.31%	29,512.0	2.31%	18,196.7	1.43%
e610	Class1a	39	3,968.1	0.31%	3,968.2	0.31%	7,335.3	0.58%
e611	Class1a	0	0.0	0.00%	0.0	0.00%	464.4	0.04%
e613	Class1a	7	202.1	0.02%	202.1	0.02%	983.4	0.08%
e630	Class1a	115	31,302.3	2.45%	60,971.7	4.78%	24,451.0	1.92%
e637	Class1a	85	229.4	0.02%	229.5	0.02%	819.5	0.06%
e642	Class1a	69	3,009.0	0.24%	3,020.5	0.24%	1,956.1	0.15%
e643	Class1a	0	0.0	0.00%	0.0	0.00%	4,890.2	0.38%
e647	Class1a	0	0.0	0.00%	0.0	0.00%	1,069.5	0.08%
e01	Consortia	1,020	24,177.1	1.90%	29,571.5	2.32%	75,875.5	5.95%
e05	Consortia	9,268	161,648.5	12.68%	237,596.5	18.63%	218,234.0	17.11%
e89	Consortia	4,676	109,282.8	8.57%	111,863.9	8.77%	116,681.9	9.15%
e280	Consortia	2,220	47,167.9	3.70%	48,339.0	3.79%	52,157.4	4.09%
e281	Consortia	955	20,862.7	1.64%	22,267.3	1.75%	20,754.8	1.63%
e283	Consortia	1,981	9,719.7	0.76%	10,524.6	0.83%	14,645.8	1.15%
e305	Consortia	1,598	34,109.6	2.67%	34,262.8	2.69%	39,292.9	3.08%
e585	Consortia	450	13,661.8	1.07%	20,065.9	1.57%	28,688.5	2.25%
e348	Direct Access: ARCHER RAP	416	2,178.4	0.17%	2,178.4	0.17%	5,772.1	0.45%

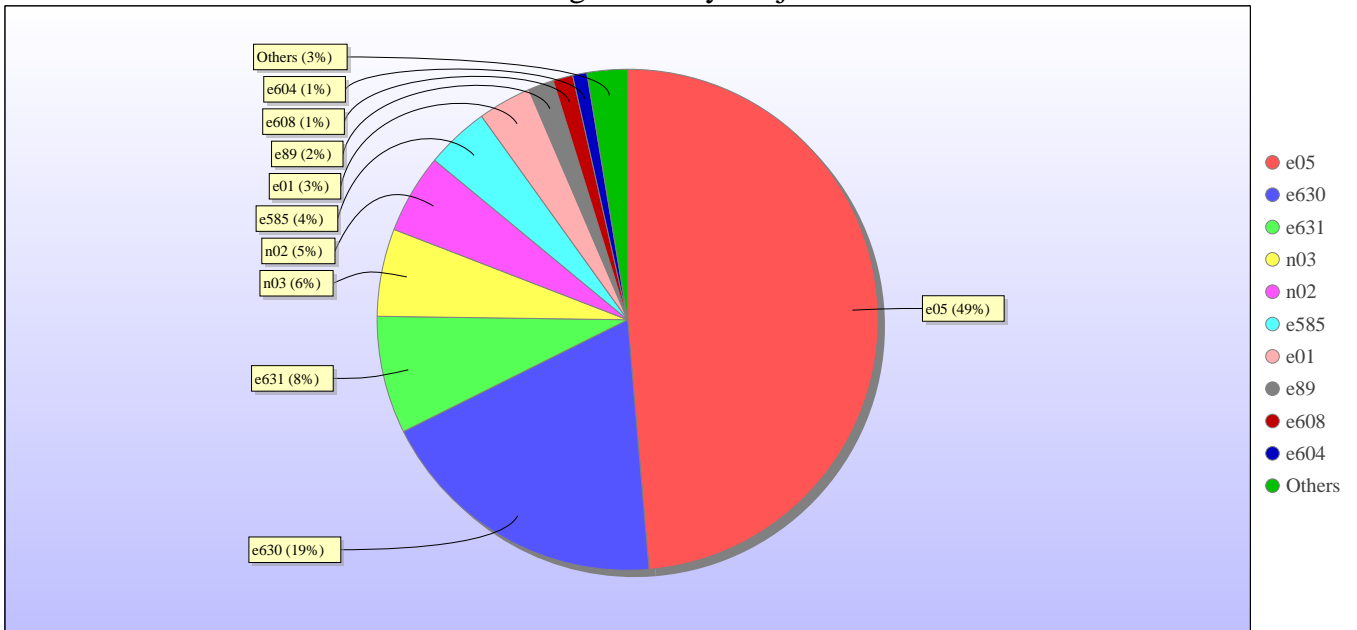
Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs	Allocation
e590	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	3,921.6	0.31%
e614	Direct Access: ARCHER RAP	266	1,538.1	0.12%	1,538.1	0.12%	4,916.9	0.39%
e616	Direct Access: ARCHER RAP	7	302.7	0.02%	302.7	0.02%	1,289.2	0.10%
e618	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	2,272.4	0.18%
e619	Direct Access: ARCHER RAP	93	388.9	0.03%	388.9	0.03%	916.1	0.07%
e620	Direct Access: ARCHER RAP	149	8,561.0	0.67%	8,578.0	0.67%	4,209.2	0.33%
e622	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	3,272.3	0.26%
e638	Direct Access: ARCHER RAP	19	1,288.0	0.10%	1,288.1	0.10%	1,385.6	0.11%
e639	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	921.1	0.07%
e640	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	8,745.4	0.69%
e641	Direct Access: ARCHER RAP	112	2,455.7	0.19%	2,455.7	0.19%	4,947.8	0.39%
e582	Instant Access	96	775.4	0.06%	775.4	0.06%	1,074.9	0.08%
e623	Instant Access	0	0.0	0.00%	0.0	0.00%	104.5	0.01%
e625	Instant Access	19	51.0	0.00%	51.0	0.00%	13.1	0.00%
e626	Instant Access	0	0.0	0.00%	0.0	0.00%	118.1	0.01%
e628	Instant Access	0	0.0	0.00%	0.0	0.00%	196.7	0.02%
e629	Instant Access	0	0.0	0.00%	0.0	0.00%	196.7	0.02%
e632	Instant Access	0	0.0	0.00%	0.0	0.00%	193.5	0.02%
e633	Instant Access	17	203.2	0.02%	203.2	0.02%	196.7	0.02%
e634	Instant Access	88	1,227.8	0.10%	1,227.8	0.10%	195.6	0.02%
e636	Instant Access	22	77.3	0.01%	77.3	0.01%	194.6	0.02%
e646	Instant Access	5	0.1	0.00%	0.1	0.00%	6.5	0.00%
csc01	Research	0	0.0	0.00%	0.0	0.00%	122.4	0.01%
ecse1321	eCSE	0	0.0	0.00%	0.0	0.00%	27.6	0.00%
e604	Training	80	650.2	0.05%	2,085.5	0.16%	1,847.9	0.14%
e612	Training	105	394.1	0.03%	394.1	0.03%	1,855.8	0.15%
e631	Training	3,659	5,323.7	0.42%	17,165.9	1.35%	1,965.1	0.15%
e644	Training	103	643.2	0.05%	643.2	0.05%	1,106.5	0.09%
y16	Service	0	0.0	0.00%	0.0	0.00%	137.0	0.01%
z17	Service	0	0.0	0.00%	0.0	0.00%	3,260.1	0.26%
EPSRC Total		32,211	580,800.6	45.54%	719,710.0	56.44%	771,071.4	60.46%
n01	Consortia	4,010	68,091.4	5.34%	65,040.9	5.10%	126,557.4	9.92%
n02	Consortia	27,762	112,285.3	8.80%	119,945.7	9.41%	166,393.4	13.05%
n03	Consortia	1,562	104,223.7	8.17%	113,046.4	8.86%	81,967.2	6.43%
NERC Total		33,334	284,600.4	22.32%	298,033.0	23.37%	374,918.0	29.40%
e621	Leadership Awards	29	3,009.4	0.24%	3,009.4	0.24%	3,830.7	0.30%
e568	Research	111	5,033.1	0.39%	5,033.1	0.39%	3,745.9	0.29%
BBSRC Total		140	8,042.5	0.63%	8,042.5	0.63%	7,576.5	0.59%
pr1u0002	Class1a	0	0.0	0.00%	0.0	0.00%	164.4	0.01%
pr1u0001	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.4	0.00%
pr1u1551	DECI: EXEC	16	435.5	0.03%	435.5	0.03%	6,181.3	0.48%
pr1u1552	DECI: EXEC	17	318.0	0.02%	318.0	0.02%	3,726.7	0.29%
pr1u1553	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	9,689.4	0.76%
pr1u1554	DECI: EXEC	284	1,030.6	0.08%	1,030.6	0.08%	739.1	0.06%
pr1u1501	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1502	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1503	DECI: HOME	0	0.0	0.00%	0.0	0.00%	530.5	0.04%
pr1u1504	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1505	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1506	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1507	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
PRACE Total		317	1,784.1	0.14%	1,784.1	0.14%	21,032.2	1.65%

Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs	Allocation
ecse0910	eCSE	213	14.0	0.00%	14.0	0.00%	49.4	0.00%
ecse1008	eCSE	91	496.7	0.04%	496.7	0.04%	42.4	0.00%
ecse1303	eCSE	0	0.0	0.00%	0.0	0.00%	46.3	0.00%
ecse1307	eCSE	0	0.0	0.00%	0.0	0.00%	46.3	0.00%
ecse1320	eCSE	37	56.1	0.00%	56.1	0.00%	43.6	0.00%
eCSE Total		341	566.9	0.04%	566.9	0.04%	227.9	0.02%
d43	ECDF	0	0.0	0.00%	0.0	0.00%	821.9	0.06%
d56	Research	250	4,325.3	0.34%	4,325.3	0.34%	6,520.3	0.51%
d67	Research	0	0.0	0.00%	0.0	0.00%	164.4	0.01%
d88	Research	0	0.0	0.00%	0.0	0.00%	3.4	0.00%
d114	Research	633	4,238.0	0.33%	4,240.9	0.33%	10,949.2	0.86%
d118	Research	116	119.0	0.01%	119.0	0.01%	123.3	0.01%
d137	Research	518	3,512.0	0.28%	3,512.2	0.28%	2,459.0	0.19%
d142	Research	64	59.4	0.00%	59.4	0.00%	1,397.3	0.11%
d143	Research	75	1,019.5	0.08%	1,019.5	0.08%	2,459.0	0.19%
d150	Research	12	2,186.4	0.17%	2,186.4	0.17%	7,824.3	0.61%
d155	Research	179	976.7	0.08%	976.7	0.08%	1,643.8	0.13%
d166	Research	0	0.0	0.00%	0.0	0.00%	669.9	0.05%
d170	Research	0	0.0	0.00%	0.0	0.00%	2.4	0.00%
d153	Industrial	479	848.6	0.07%	848.7	0.07%	986.3	0.08%
d168	Industrial	0	0.0	0.00%	0.0	0.00%	82.2	0.01%
d427	Industrial	0	0.0	0.00%	0.0	0.00%	1,372.2	0.11%
i01	Industrial	4	274.3	0.02%	274.3	0.02%	234.4	0.02%
i18	Industrial	0	0.0	0.00%	0.0	0.00%	6,258.3	0.49%
i21	Industrial	0	0.0	0.00%	0.0	0.00%	8,219.2	0.64%
i232	Industrial	0	0.0	0.00%	0.0	0.00%	123.3	0.01%
i234	Industrial	0	0.0	0.00%	0.0	0.00%	89.6	0.01%
i235	Industrial	0	0.0	0.00%	0.0	0.00%	126.6	0.01%
x08	Industrial	0	0.0	0.00%	0.0	0.00%	821.9	0.06%
d74	Training	0	0.0	0.00%	0.0	0.00%	164.4	0.01%
d104	Training	0	0.0	0.00%	0.0	0.00%	219.8	0.02%
d171	Training	0	0.0	0.00%	0.0	0.00%	163.9	0.01%
d131	Service	0	0.0	0.00%	0.0	0.00%	246.6	0.02%
d134	Service	0	0.0	0.00%	0.0	0.00%	8.2	0.00%
d425	Service	7	0.1	0.00%	0.1	0.00%	17.3	0.00%
y01	Service	0	0.0	0.00%	0.0	0.00%	8.2	0.00%
y02	Service	37	22.0	0.00%	22.0	0.00%	82.2	0.01%
y07	Service	8	0.0	0.00%	0.0	0.00%	82.0	0.01%
y21	Service	0	0.0	0.00%	0.0	0.00%	411.0	0.03%
z02	Service	0	0.0	0.00%	0.0	0.00%	4.1	0.00%
z99	Service	3	0.0	0.00%	0.0	0.00%	8.2	0.00%
d169	UoE Access	0	0.0	0.00%	0.0	0.00%	2,465.8	0.19%
DirectorsTime Total		2,385	17,581.3	1.38%	17,584.5	1.38%	57,233.7	4.49%
y14	Training	0	0.0	0.00%	0.0	0.00%	575.3	0.05%
z19	Service	120	5.9	0.00%	6.0	0.00%	4,109.6	0.32%
CSE Total		120	5.9	0.00%	6.0	0.00%	4,684.9	0.37%
csc02	Research	426	26,393.7	2.07%	26,393.7	2.07%	79,875.4	6.26%
CSC Total		426	26,393.7	2.07%	26,393.7	2.07%	79,875.4	6.26%
w17	Service	0	0.0	0.00%	0.0	0.00%	491.8	0.04%
w18	Service	0	0.0	0.00%	0.0	0.00%	489.0	0.04%
w19	Service	0	0.0	0.00%	0.0	0.00%	489.0	0.04%
w20	Service	0	0.0	0.00%	0.0	0.00%	486.4	0.04%
Internal Total		0	0.0	0.00%	0.0	0.00%	1,956.2	0.15%
Total		69,274	919,775.3	72.12%	1,072,120.6	84.07%	1,318,576.3	103.40%

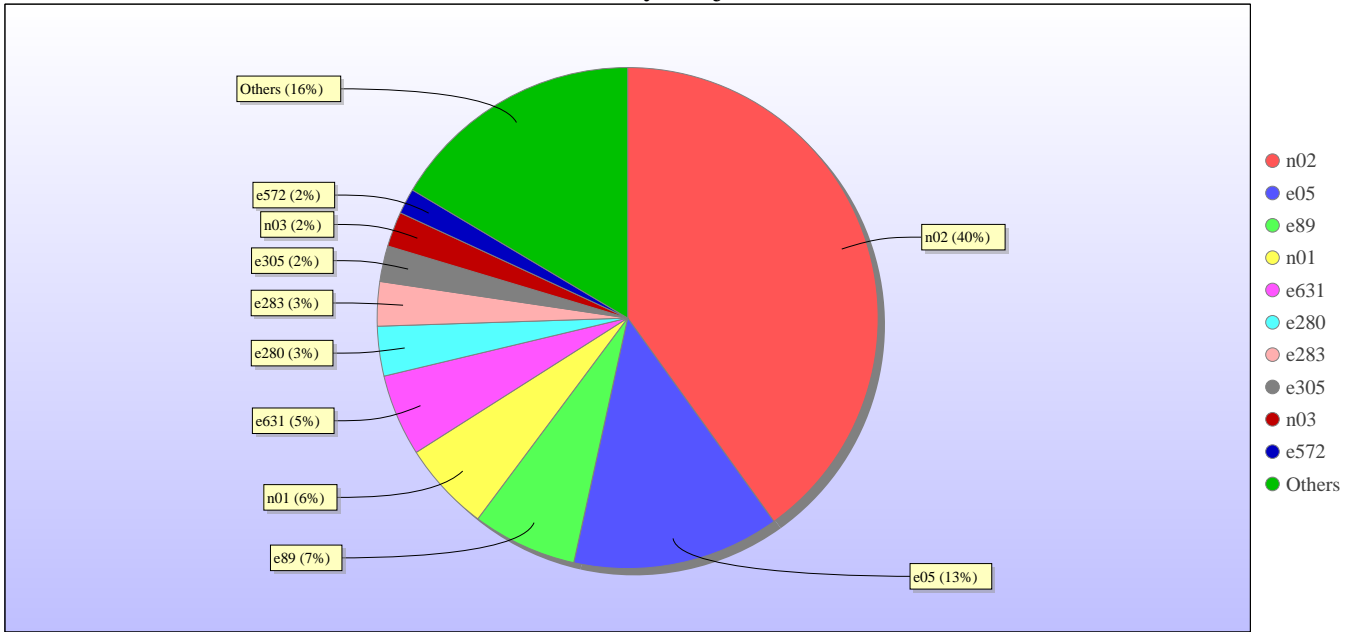
Use by Project



Uncharged Use by Project



Jobs by Project



kAUs (by Size)

Size	kAUs	Number of Jobs
17-32	12,183.685	28,975
33-64	15,112.912	5,183
65-128	42,048.212	8,980
129-256	139,404.294	10,816
257-512	169,549.577	6,627
513-1024	140,298.96	2,945
1025-2048	167,900.75	1,887
2049-4096	57,133.517	1,616
4097-8192	89,476.722	2,047
8193-16384	19,312.248	149
16385-32768	29,017.436	37
32769-65536	26,630.206	5
65537-131072	302.566	2