

Monthly Reporting

Report from 01 October 2019 to 31 October 2019

Report for Resource Pool XC on ARCHER

A total of 1,319,543.997 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.

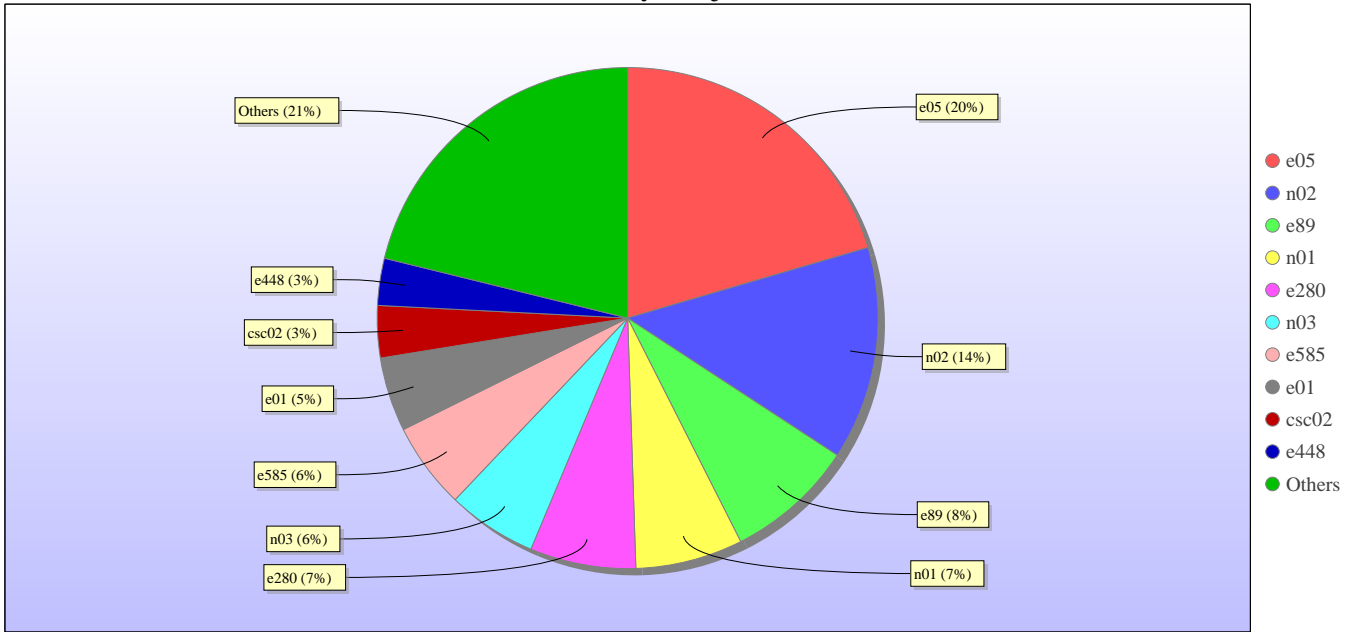
The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend 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
e462	Leadership Awards	78	1,094.8	0.08%	1,094.8	0.08%	1,200.0	0.09%
E635	Class1a	16	118.8	0.01%	118.8	0.01%	725.6	0.05%
c01	Class1a	276	337.2	0.03%	337.2	0.03%	13,315.7	1.01%
e403	Class1a	0	0.0	0.00%	0.0	0.00%	8,634.1	0.65%
e432	Class1a	55	798.0	0.06%	798.0	0.06%	2,973.4	0.23%
e448	Class1a	421	33,613.8	2.55%	33,613.8	2.55%	22,242.7	1.69%
e451	Class1a	21	20.0	0.00%	20.0	0.00%	3,791.6	0.29%
e517	Class1a	0	0.0	0.00%	0.0	0.00%	0.0	0.00%
e519	Class1a	8	2,303.0	0.17%	2,303.0	0.17%	8,651.0	0.66%
e527	Class1a	0	0.0	0.00%	0.0	0.00%	1,855.3	0.14%
e530	Class1a	44	2,040.3	0.15%	2,040.3	0.15%	1,131.4	0.09%
e537	Class1a	359	1,192.3	0.09%	1,192.3	0.09%	1,900.5	0.14%
e558	Class1a	0	0.0	0.00%	0.0	0.00%	540.3	0.04%
e569	Class1a	0	0.0	0.00%	0.0	0.00%	1,980.1	0.15%
e571	Class1a	0	0.0	0.00%	0.0	0.00%	261.2	0.02%
e572	Class1a	822	5,631.4	0.43%	7,099.4	0.54%	3,391.8	0.26%
e575	Class1a	0	0.0	0.00%	0.0	0.00%	2,898.8	0.22%
e580	Class1a	18	2,475.4	0.19%	2,475.4	0.19%	824.1	0.06%
e584	Class1a	0	0.0	0.00%	0.0	0.00%	2,773.3	0.21%
e588	Class1a	15	3,530.5	0.27%	3,530.5	0.27%	2,418.0	0.18%
e606	Class1a	75	2,851.9	0.22%	2,851.9	0.22%	4,762.3	0.36%
e607	Class1a	180	6,598.2	0.50%	6,598.2	0.50%	11,873.9	0.90%
e608	Class1a	117	3,277.1	0.25%	6,252.8	0.47%	3,391.8	0.26%
e609	Class1a	139	3,240.2	0.25%	3,240.2	0.25%	8,651.0	0.66%
e610	Class1a	18	3,588.6	0.27%	3,588.8	0.27%	7,590.0	0.58%
e611	Class1a	0	0.0	0.00%	0.0	0.00%	480.6	0.04%
e613	Class1a	10	569.4	0.04%	569.4	0.04%	1,017.5	0.08%
e627	Class1a	358	549.2	0.04%	549.2	0.04%	7,503.7	0.57%
e630	Class1a	145	3,065.4	0.23%	3,065.4	0.23%	14,453.2	1.10%
e637	Class1a	36	601.9	0.05%	602.0	0.05%	847.9	0.06%
e642	Class1a	31	1,597.8	0.12%	1,600.8	0.12%	2,024.0	0.15%
e643	Class1a	0	0.0	0.00%	0.0	0.00%	5,060.0	0.38%
e645	Class1a	99	498.7	0.04%	498.7	0.04%	4,084.1	0.31%
e647	Class1a	12	0.0	0.00%	0.0	0.00%	8,299.9	0.63%
e649	Class1a	18	430.6	0.03%	430.6	0.03%	905.1	0.07%
e651	Class1a	0	0.0	0.00%	0.0	0.00%	2,040.2	0.15%
e01	Consortia	736	39,380.5	2.98%	53,021.4	4.02%	78,510.0	5.95%
e05	Consortia	11,732	171,506.5	13.00%	226,573.5	17.17%	225,811.6	17.11%
e89	Consortia	3,283	88,282.8	6.69%	92,232.1	6.99%	120,733.3	9.15%
e280	Consortia	3,938	74,965.7	5.68%	75,697.2	5.74%	53,968.4	4.09%
e281	Consortia	678	28,858.0	2.19%	29,975.9	2.27%	21,475.4	1.63%

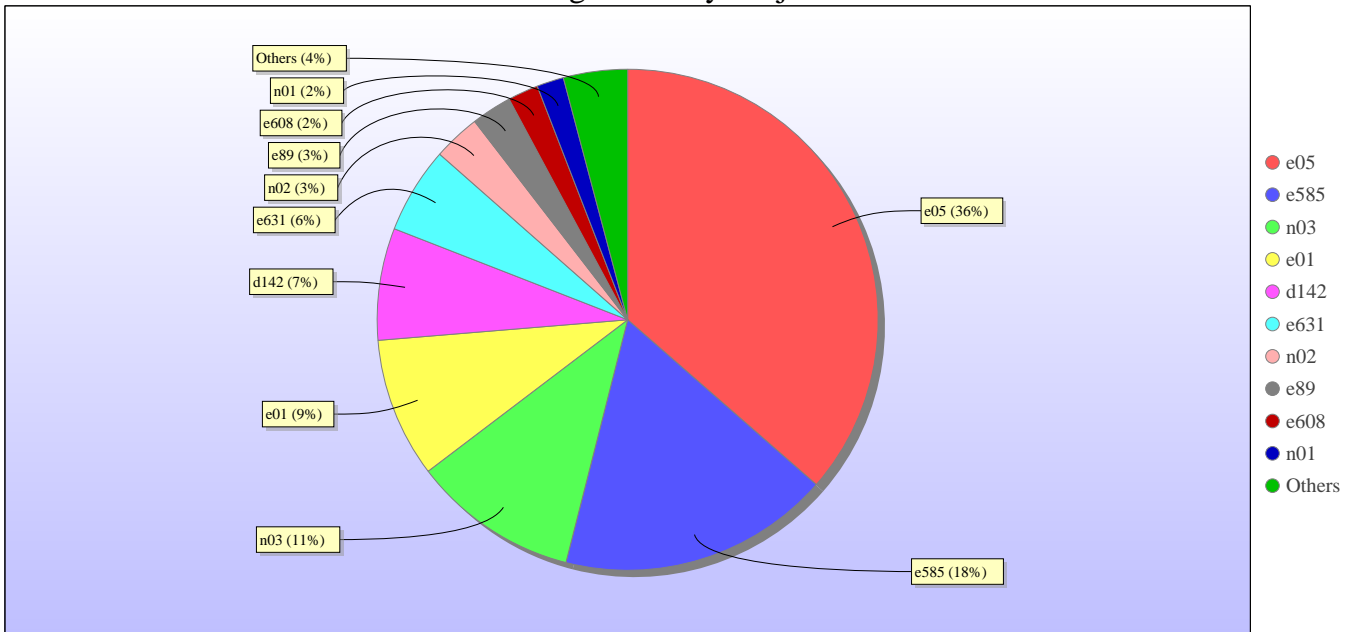
Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs	Allocation
e283	Consortia	3,242	12,839.3	0.97%	12,846.1	0.97%	15,154.4	1.15%
e305	Consortia	1,138	30,657.9	2.32%	30,685.9	2.33%	40,657.2	3.08%
e585	Consortia	764	35,157.7	2.66%	61,664.8	4.67%	29,684.7	2.25%
e348	Direct Access: ARCHER RAP	332	5,353.6	0.41%	5,353.6	0.41%	6,647.1	0.50%
e590	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	4,057.8	0.31%
e614	Direct Access: ARCHER RAP	353	4,730.8	0.36%	4,730.8	0.36%	4,564.0	0.35%
e616	Direct Access: ARCHER RAP	2	246.1	0.02%	246.1	0.02%	1,134.9	0.09%
e618	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	2,351.3	0.18%
e619	Direct Access: ARCHER RAP	19	1.2	0.00%	1.2	0.00%	947.9	0.07%
e620	Direct Access: ARCHER RAP	289	11,256.9	0.85%	12,061.6	0.91%	4,355.4	0.33%
e622	Direct Access: ARCHER RAP	9	0.4	0.00%	0.4	0.00%	3,385.9	0.26%
e638	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	1,433.7	0.11%
e639	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	953.1	0.07%
e640	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	9,049.0	0.69%
e641	Direct Access: ARCHER RAP	115	2,620.3	0.20%	2,620.3	0.20%	5,119.6	0.39%
e582	Instant Access	68	217.3	0.02%	217.3	0.02%	1,112.3	0.08%
e628	Instant Access	0	0.0	0.00%	0.0	0.00%	91.8	0.01%
e629	Instant Access	0	0.0	0.00%	0.0	0.00%	124.6	0.01%
e632	Instant Access	5	0.0	0.00%	0.0	0.00%	126.3	0.01%
e633	Instant Access	4	69.4	0.01%	69.4	0.01%	183.8	0.01%
e634	Instant Access	0	0.0	0.00%	0.0	0.00%	202.4	0.02%
e636	Instant Access	0	0.0	0.00%	0.0	0.00%	201.3	0.02%
e646	Instant Access	80	88.8	0.01%	88.9	0.01%	202.4	0.02%
csc01	Research	0	0.0	0.00%	0.0	0.00%	126.7	0.01%
ecse1321	eCSE	0	0.0	0.00%	0.0	0.00%	28.6	0.00%
e604	Training	129	635.0	0.05%	1,614.9	0.12%	1,912.1	0.14%
e612	Training	90	321.6	0.02%	343.7	0.03%	1,920.3	0.15%
e631	Training	133	559.3	0.04%	8,985.3	0.68%	2,033.3	0.15%
e644	Training	298	1,897.2	0.14%	2,577.9	0.20%	1,908.1	0.14%
y16	Service	0	0.0	0.00%	0.0	0.00%	141.7	0.01%
z17	Service	0	0.0	0.00%	0.0	0.00%	3,373.3	0.26%
EPSRC Total		30,808	589,670.6	44.69%	706,079.9	53.51%	808,177.8	61.25%
n01	Consortia	5,889	75,117.4	5.69%	76,781.1	5.82%	128,407.3	9.73%
n02	Consortia	23,305	147,806.8	11.20%	152,417.7	11.55%	174,715.4	13.24%
n03	Consortia	1,237	47,816.4	3.62%	63,994.0	4.85%	84,813.3	6.43%
NERC Total		30,431	270,740.6	20.52%	293,192.8	22.22%	387,936.0	29.40%
e621	Leadership Awards	33	2,700.2	0.20%	2,700.2	0.20%	3,963.7	0.30%
e568	Research	42	1,615.4	0.12%	1,615.4	0.12%	3,875.9	0.29%
BBSRC Total		75	4,315.6	0.33%	4,315.6	0.33%	7,839.6	0.59%
pr1u0002	Class1a	0	0.0	0.00%	0.0	0.00%	170.1	0.01%
pr1u0001	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.4	0.00%
pr1u1551	DECI: EXEC	57	5,695.4	0.43%	5,695.4	0.43%	6,395.9	0.48%
pr1u1552	DECI: EXEC	19	459.5	0.03%	459.5	0.03%	3,856.1	0.29%
pr1u1553	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	10,025.9	0.76%
pr1u1554	DECI: EXEC	246	632.5	0.05%	632.5	0.05%	764.8	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%	548.9	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	14	3.1	0.00%	3.1	0.00%	1,626.9	0.12%

Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs	Allocation
pr1u1507	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
PRACE Total		336	6,790.4	0.51%	6,790.4	0.51%	23,389.4	1.77%
ecse0910	eCSE	51	2.3	0.00%	2.3	0.00%	51.1	0.00%
ecse1303	eCSE	0	0.0	0.00%	0.0	0.00%	47.9	0.00%
ecse1307	eCSE	26	530.5	0.04%	530.5	0.04%	47.9	0.00%
ecse1320	eCSE	11	9.5	0.00%	9.5	0.00%	45.1	0.00%
eCSE Total		88	542.3	0.04%	542.3	0.04%	192.0	0.01%
d43	ECDF	0	0.0	0.00%	0.0	0.00%	850.5	0.06%
d56	Research	512	7,956.0	0.60%	7,956.0	0.60%	6,746.7	0.51%
d67	Research	0	0.0	0.00%	0.0	0.00%	170.1	0.01%
d88	Research	4	0.0	0.00%	0.0	0.00%	47.6	0.00%
d114	Research	795	13,251.3	1.00%	13,282.3	1.01%	11,329.4	0.86%
d118	Research	295	209.7	0.02%	209.7	0.02%	131.8	0.01%
d137	Research	218	5,603.0	0.42%	5,978.2	0.45%	2,544.4	0.19%
d142	Research	49	8,475.2	0.64%	19,402.8	1.47%	1,445.8	0.11%
d143	Research	1	33.1	0.00%	33.1	0.00%	2,544.4	0.19%
d150	Research	0	0.0	0.00%	0.0	0.00%	8,096.0	0.61%
d155	Research	274	4,890.6	0.37%	4,890.6	0.37%	2,551.4	0.19%
d166	Research	0	0.0	0.00%	0.0	0.00%	693.1	0.05%
d170	Research	0	0.0	0.00%	0.0	0.00%	2.5	0.00%
d153	Industrial	29	0.0	0.00%	0.1	0.00%	1,020.5	0.08%
d168	Industrial	0	0.0	0.00%	0.0	0.00%	79.6	0.01%
d427	Industrial	0	0.0	0.00%	0.0	0.00%	0.2	0.00%
i01	Industrial	0	0.0	0.00%	0.0	0.00%	242.5	0.02%
i18	Industrial	37	4,382.4	0.33%	4,382.4	0.33%	6,475.6	0.49%
i21	Industrial	861	3,037.4	0.23%	2,907.6	0.22%	21,941.8	1.66%
i232	Industrial	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
i234	Industrial	0	0.0	0.00%	0.0	0.00%	92.7	0.01%
i235	Industrial	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
x08	Industrial	0	0.0	0.00%	0.0	0.00%	10.2	0.00%
d74	Training	0	0.0	0.00%	0.0	0.00%	170.1	0.01%
d171	Training	0	0.0	0.00%	0.0	0.00%	169.6	0.01%
d134	Service	0	0.0	0.00%	0.0	0.00%	8.5	0.00%
d425	Service	39	10.6	0.00%	10.6	0.00%	17.9	0.00%
z99	Service	26	0.2	0.00%	0.2	0.00%	8.5	0.00%
d169	UoE Access	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
DirectorsTime Total		3,140	47,849.6	3.63%	59,053.8	4.48%	67,391.6	5.11%
y14	Training	516	241.1	0.02%	164.6	0.01%	765.4	0.06%
y01	Service	0	0.0	0.00%	0.0	0.00%	8.5	0.00%
y02	Service	11	0.2	0.00%	0.2	0.00%	85.0	0.01%
y07	Service	40	0.0	0.00%	0.4	0.00%	84.8	0.01%
y21	Service	0	0.0	0.00%	0.0	0.00%	425.2	0.03%
z02	Service	9	0.0	0.00%	0.0	0.00%	4.3	0.00%
z19	Service	113	6.0	0.00%	6.1	0.00%	3,749.0	0.28%
CSE Total		689	247.3	0.02%	171.3	0.01%	5,122.2	0.39%
csc02	Research	385	37,216.3	2.82%	37,216.3	2.82%	82,648.8	6.26%
CSC Total		385	37,216.3	2.82%	37,216.3	2.82%	82,648.8	6.26%
w17	Service	2,672	186.5	0.01%	186.5	0.01%	360.7	0.03%
w18	Service	0	0.0	0.00%	0.0	0.00%	506.0	0.04%
w19	Service	0	0.0	0.00%	0.0	0.00%	506.0	0.04%
w20	Service	0	0.0	0.00%	0.0	0.00%	304.3	0.02%
Internal Total		2,672	186.5	0.01%	186.5	0.01%	1,676.9	0.13%
Total		68,624	957,559.4	72.57%	1,107,548.9	83.93%	1,384,374.4	104.91%

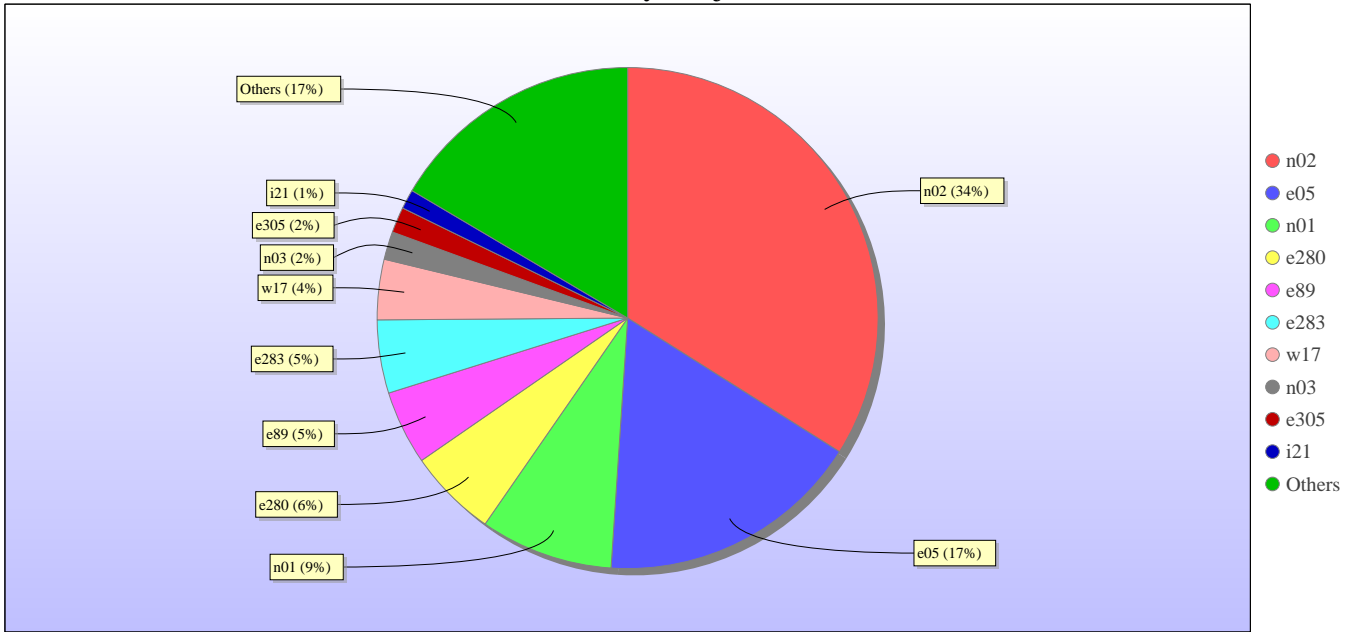
Use by Project



Uncharged Use by Project



Jobs by Project



kAUs (by Size)

Size	kAUs	Number of Jobs
17-32	12,435.184	22,618
33-64	13,589.402	3,108
65-128	58,840.363	12,441
129-256	142,074.013	13,545
257-512	186,797.07	7,430
513-1024	178,951.056	3,403
1025-2048	162,541.7	2,132
2049-4096	80,651.059	671
4097-8192	66,209.406	3,047
8193-16384	48,347.738	208
16385-32768	3,022.243	8
32769-65536	332.122	4
65537-131072	246.131	2