

Monthly Reporting

Report from 01 October 2020 to 31 October 2020

Report for Resource Pool XC on ARCHER

A total of 1,319,544 kAUs 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.

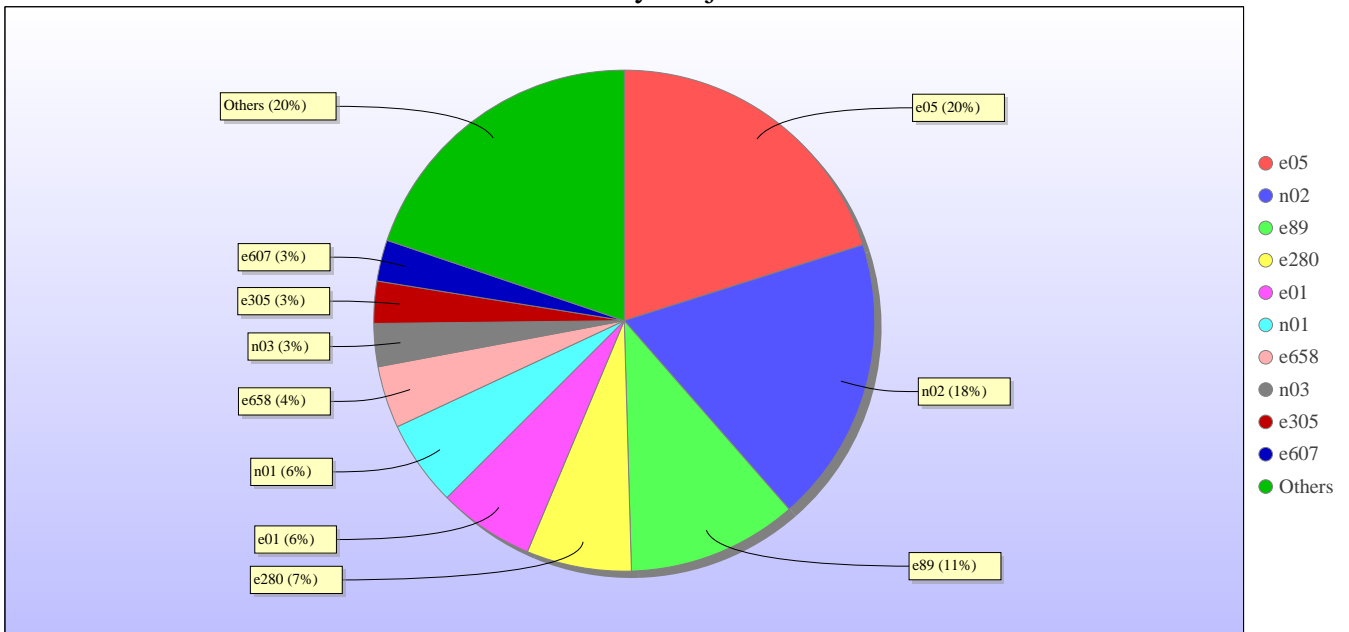
The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend 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	413	5,940.2	0.45%	6,016.7	0.46%	3,391.8	0.26%
c01	Class1a	1,140	20,071.5	1.52%	20,071.5	1.52%	17,625.7	1.34%
e432	Class1a	71	6,605.9	0.50%	6,605.9	0.50%	7,878.4	0.60%
e448	Class1a	520	24,914.0	1.89%	24,914.0	1.89%	35,207.4	2.67%
e537	Class1a	0	0.0	0.00%	0.0	0.00%	1,911.0	0.14%
e572	Class1a	705	3,986.6	0.30%	4,155.8	0.31%	3,591.4	0.27%
e575	Class1a	112	5,719.1	0.43%	5,719.1	0.43%	2,914.8	0.22%
e584	Class1a	0	0.0	0.00%	0.0	0.00%	1,394.3	0.11%
e588	Class1a	131	13,244.4	1.00%	13,390.8	1.01%	3,053.8	0.23%
e606	Class1a	331	1,092.0	0.08%	1,092.0	0.08%	8,125.9	0.62%
e607	Class1a	341	29,278.3	2.22%	32,521.6	2.46%	16,203.1	1.23%
e608	Class1a	65	7,336.7	0.56%	9,091.7	0.69%	3,391.8	0.26%
e609	Class1a	0	0.0	0.00%	0.0	0.00%	4,973.5	0.38%
e610	Class1a	6	548.4	0.04%	548.4	0.04%	9,276.7	0.70%
e613	Class1a	0	0.0	0.00%	0.0	0.00%	678.4	0.05%
e627	Class1a	882	4,011.7	0.30%	4,022.2	0.30%	7,545.0	0.57%
e630	Class1a	202	7,709.5	0.58%	10,254.5	0.78%	16,866.7	1.28%
e637	Class1a	19	33.6	0.00%	33.6	0.00%	2,543.8	0.19%
e642	Class1a	0	0.0	0.00%	0.0	0.00%	7,340.0	0.56%
e643	Class1a	71	61.2	0.00%	61.2	0.00%	7,590.0	0.58%
e645	Class1a	0	0.0	0.00%	0.0	0.00%	4,106.5	0.31%
e647	Class1a	333	107.7	0.01%	99.7	0.01%	9,391.2	0.71%
e648	Class1a	5	1,142.0	0.09%	1,142.0	0.09%	4,857.6	0.37%
e649	Class1a	17	3,664.3	0.28%	3,664.3	0.28%	4,552.3	0.34%
e651	Class1a	381	3,021.6	0.23%	3,021.6	0.23%	2,040.2	0.15%
e655	Class1a	147	6,650.3	0.50%	6,650.5	0.50%	2,530.0	0.19%
e663	Class1a	182	2,411.6	0.18%	2,411.6	0.18%	1,695.9	0.13%
e667	Class1a	27	1,535.3	0.12%	1,535.3	0.12%	1,599.7	0.12%
e668	Class1a	7	0.5	0.00%	0.5	0.00%	2,108.3	0.16%
e6337	Class1a	1	0.2	0.00%	0.2	0.00%	745.2	0.06%
e01	Consortia	1,196	67,688.3	5.13%	75,626.9	5.73%	84,859.5	6.43%
e05	Consortia	11,027	189,457.1	14.36%	245,207.7	18.58%	237,502.4	18.00%
e89	Consortia	2,930	111,425.5	8.44%	133,963.8	10.15%	121,400.2	9.20%
e280	Consortia	3,227	78,420.5	5.94%	82,667.5	6.26%	50,595.1	3.83%
e281	Consortia	483	12,481.1	0.95%	12,930.7	0.98%	18,083.7	1.37%
e283	Consortia	1,243	17,874.4	1.35%	18,049.5	1.37%	18,942.8	1.44%
e305	Consortia	729	31,502.2	2.39%	33,098.5	2.51%	58,742.8	4.45%
e585	Consortia	73	7,518.0	0.57%	10,131.0	0.77%	34,111.7	2.59%
e658	Consortia	435	48,902.8	3.71%	48,902.8	3.71%	25,960.1	1.97%
e348	Direct Access: ARCHER RAP	368	8,541.4	0.65%	8,541.4	0.65%	4,854.1	0.37%

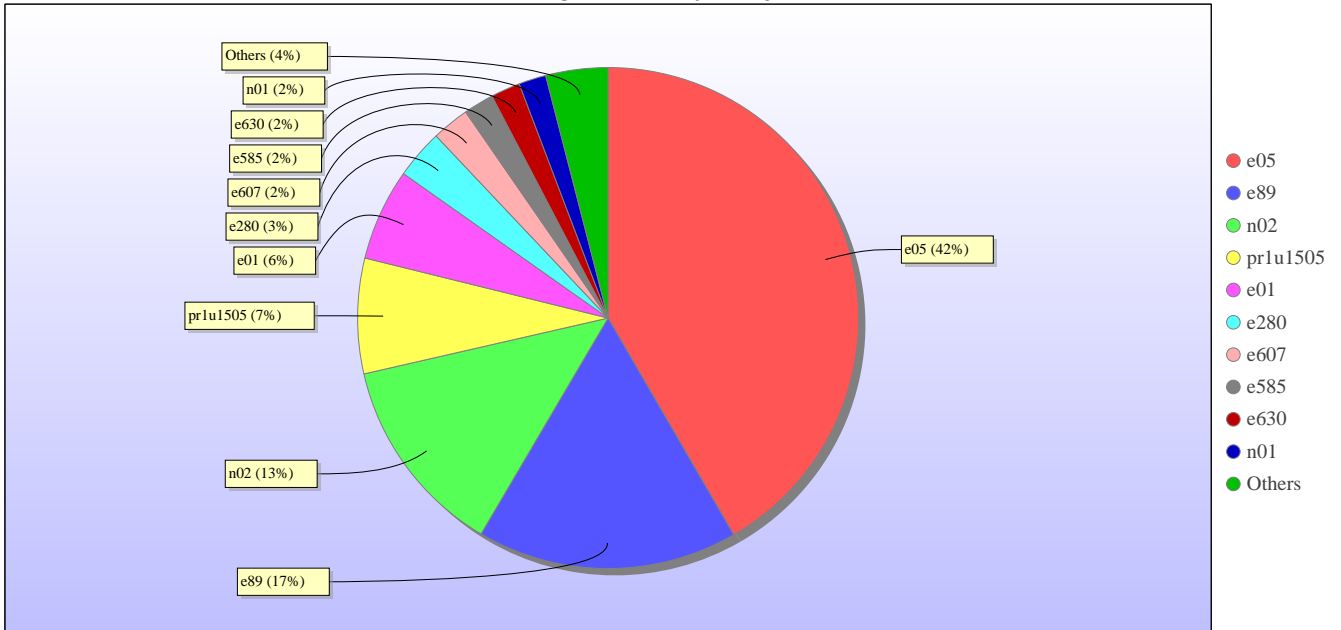
Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs	Allocation
e664	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	1,275.3	0.10%
e632	Instant Access	483	551.9	0.04%	592.8	0.04%	936.2	0.07%
e659	Instant Access	0	0.0	0.00%	0.0	0.00%	150.2	0.01%
e660	Instant Access	0	0.0	0.00%	0.0	0.00%	202.4	0.02%
e661	Instant Access	0	0.0	0.00%	0.0	0.00%	202.4	0.02%
e662	Instant Access	0	0.0	0.00%	0.0	0.00%	203.5	0.02%
e665	Instant Access	0	0.0	0.00%	0.0	0.00%	203.5	0.02%
e669	Instant Access	0	0.0	0.00%	0.0	0.00%	178.3	0.01%
e670	Instant Access	0	0.0	0.00%	0.0	0.00%	66.0	0.01%
e671	Instant Access	0	0.0	0.00%	0.0	0.00%	71.5	0.01%
e644	Training	0	0.0	0.00%	0.0	0.00%	2,289.8	0.17%
e654	Training	23	591.5	0.04%	591.5	0.04%	3,067.9	0.23%
ta003	Training	236	43.1	0.00%	32.3	0.00%	862.3	0.07%
EPSRC Total		28,562	724,084.4	54.87%	827,361.0	62.70%	859,892.0	65.17%
n01	Consortia	2,247	66,093.7	5.01%	67,373.5	5.11%	130,985.1	9.93%
n02	Consortia	24,013	207,839.4	15.75%	225,187.0	17.07%	189,029.9	14.33%
n03	Consortia	9,169	33,259.8	2.52%	33,791.8	2.56%	85,248.8	6.46%
NERC Total		35,429	307,192.9	23.28%	326,352.3	24.73%	405,263.7	30.71%
e621	Class1a	71	12,880.5	0.98%	12,880.5	0.98%	4,129.7	0.31%
e568	Research	0	0.0	0.00%	0.0	0.00%	3,875.9	0.29%
BBSRC Total		71	12,880.5	0.98%	12,880.5	0.98%	8,005.7	0.61%
pr1u0001	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	2.8	0.00%
pr1u1552	DECI: EXEC	286	10,889.9	0.83%	10,889.9	0.83%	2,682.9	0.20%
pr1u1554	DECI: EXEC	669	1,838.4	0.14%	2,133.5	0.16%	558.4	0.04%
pr1u1651	DECI: EXEC	2	233.3	0.02%	233.3	0.02%	203.7	0.02%
pr1u1652	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	1,745.9	0.13%
pr1u1653	DECI: EXEC	15	861.2	0.07%	861.2	0.07%	2,217.1	0.17%
pr1u1654	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	371.9	0.03%
pr1u1655	DECI: EXEC	85	983.2	0.07%	983.2	0.07%	937.4	0.07%
pr1u1656	DECI: EXEC	204	1,765.3	0.13%	1,765.3	0.13%	1,121.3	0.08%
pr1u1657	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	344.8	0.03%
pr1u1658	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	1,571.6	0.12%
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	19	0.0	0.00%	9,956.1	0.75%	0.1	0.00%
pr1u1506	DECI: HOME	0	0.0	0.00%	0.0	0.00%	1,626.9	0.12%
pr1u1507	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1601	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1602	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1603	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1604	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1605	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1606	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1607	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1608	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1609	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1610	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.1	0.00%
pr1u1611	DECI: HOME	0	0.0	0.00%	0.0	0.00%	167.1	0.01%
pr1uco79	DECI: HOME	137	13,238.8	1.00%	13,238.8	1.00%	8,917.9	0.68%
PRACE Total		1,417	29,810.1	2.26%	40,061.2	3.04%	23,019.7	1.74%
d43	ECDF	104	264.7	0.02%	264.7	0.02%	281.5	0.02%
d35	Research	58	4.4	0.00%	4.4	0.00%	112.5	0.01%
d56	Research	38	214.3	0.02%	214.3	0.02%	4,691.4	0.36%
d114	Research	800	7,932.2	0.60%	8,051.4	0.61%	11,826.3	0.90%
d118	Research	161	92.3	0.01%	92.3	0.01%	312.8	0.02%
d137	Research	0	0.0	0.00%	0.0	0.00%	2,543.5	0.19%
d142	Research	27	1,044.5	0.08%	1,044.5	0.08%	508.2	0.04%
d143	Research	0	0.0	0.00%	0.0	0.00%	952.1	0.07%
d155	Research	5	304.6	0.02%	304.6	0.02%	1,954.8	0.15%
d170	Research	31	0.0	0.00%	0.0	0.00%	0.8	0.00%

Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs	Allocation
d428	Research	0	0.0	0.00%	0.0	0.00%	317.8	0.02%
d429	Research	6	0.0	0.00%	0.0	0.00%	1,184.8	0.09%
d430	Research	23	1,333.7	0.10%	1,333.7	0.10%	5,350.9	0.41%
W22	Industrial	0	0.0	0.00%	0.0	0.00%	508.8	0.04%
d153	Industrial	0	0.0	0.00%	0.0	0.00%	156.4	0.01%
i01	Industrial	0	0.0	0.00%	0.0	0.00%	430.0	0.03%
i21	Industrial	7	362.9	0.03%	241.9	0.02%	15,638.1	1.19%
i236	Industrial	2	1.1	0.00%	1.1	0.00%	116.7	0.01%
w21	Industrial	11	1,634.9	0.12%	1,634.9	0.12%	508.8	0.04%
w23	Industrial	0	0.0	0.00%	0.0	0.00%	508.8	0.04%
w24	Industrial	0	0.0	0.00%	0.0	0.00%	508.8	0.04%
x06	Industrial	0	0.0	0.00%	0.0	0.00%	89.4	0.01%
z99	Service	0	0.0	0.00%	0.0	0.00%	0.7	0.00%
DirectorsTime Total		1,273	13,189.6	1.00%	13,187.9	1.00%	48,503.8	3.68%
y14	Training	0	0.0	0.00%	0.0	0.00%	169.6	0.01%
y01	Service	0	0.0	0.00%	0.0	0.00%	6.8	0.00%
y02	Service	0	0.0	0.00%	0.0	0.00%	34.0	0.00%
y07	Service	11	0.0	0.00%	2.5	0.00%	81.5	0.01%
z01	Service	27	0.0	0.00%	0.1	0.00%	12.7	0.00%
z02	Service	1	0.0	0.00%	0.0	0.00%	3.4	0.00%
z19	Service	54	9.7	0.00%	9.8	0.00%	2,217.3	0.17%
CSE Total		93	9.7	0.00%	12.4	0.00%	2,525.3	0.19%
Total		66,845	1,087,167.2	82.39%	1,219,855.4	92.45%	1,347,210.1	102.10%

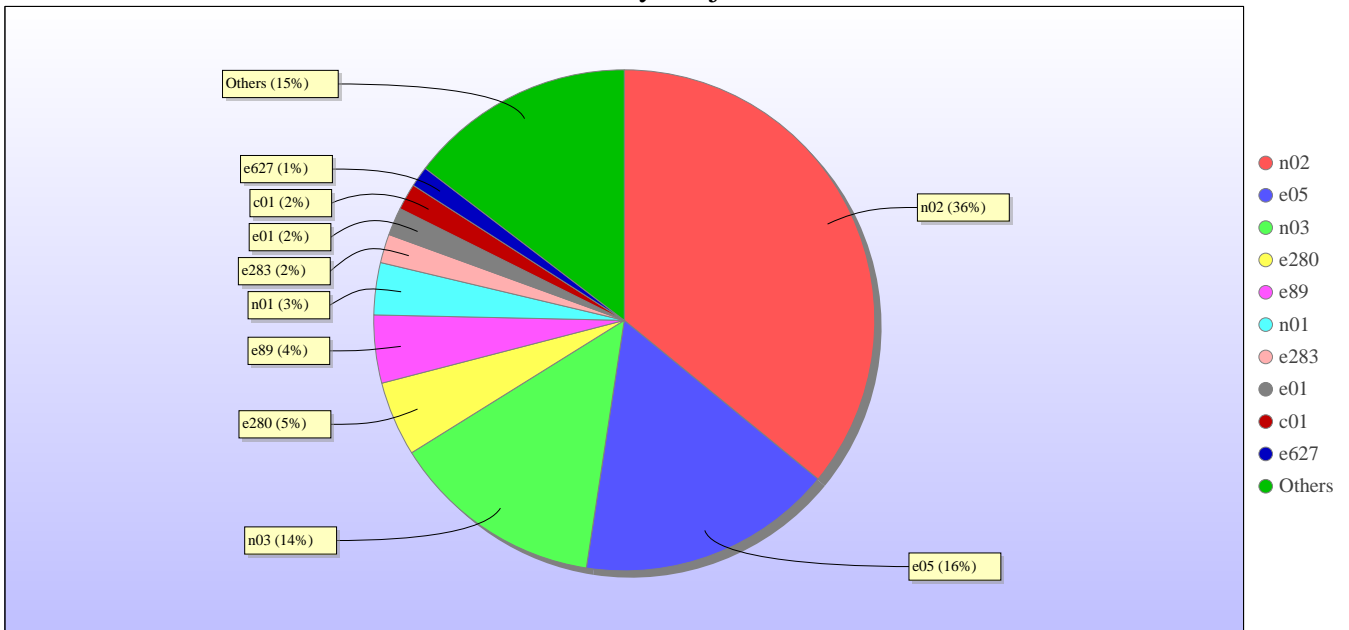
Use by Project



Uncharged Use by Project



Jobs by Project



kAUs (by Size)

Size	kAUs	Number of Jobs
17-32	8,319.634	33,518
33-64	11,297.83	3,001
65-128	70,849.902	6,792
129-256	167,591.397	13,278
257-512	208,382.188	4,958
513-1024	189,121.68	2,642
1025-2048	165,183.758	1,732
2049-4096	102,761.717	618
4097-8192	60,005.054	172
8193-16384	9,996.623	86

Size	kAUs	Number of Jobs
16385-32768	80,055.344	30
32769-65536	7,297.97	6
65537-131072	2,644.787	2