

Monthly Reporting

Report from 01 December 2020 to 31 December 2020

Report for Resource Pool XC on ARCHER

A total of 1,275,264 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.

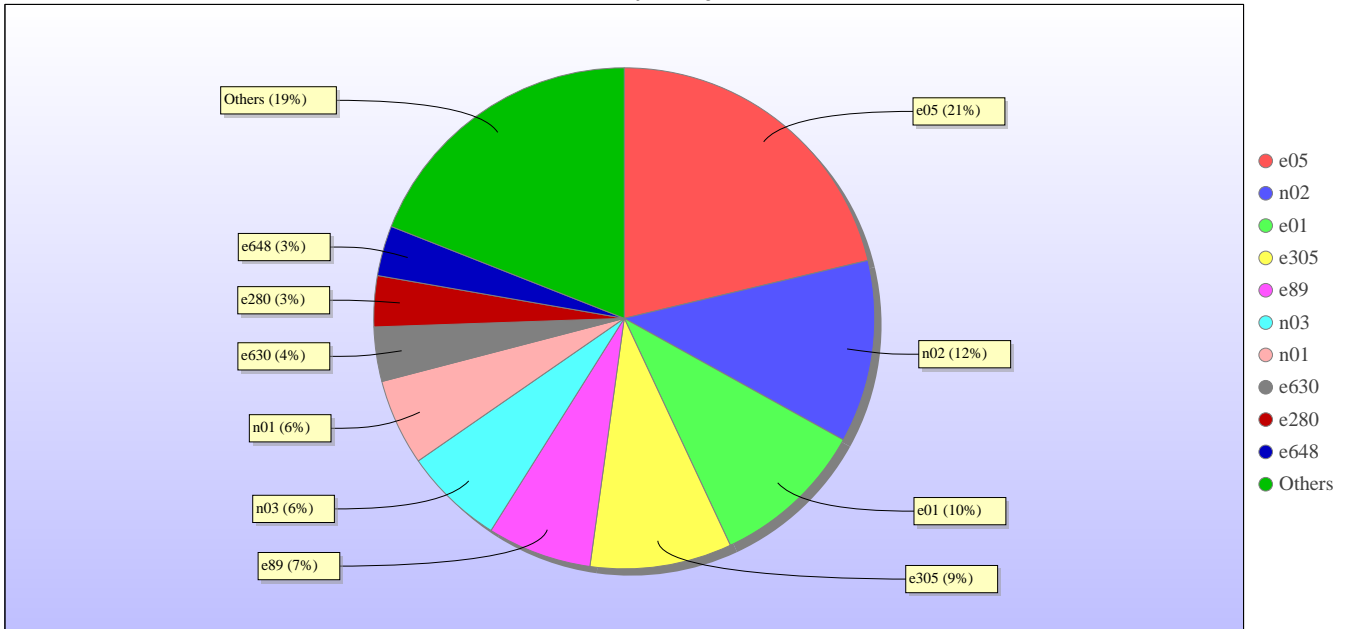
The (Allocation) column is the time allocated to the project, scaled according to the reporting period and shown as a fraction of the available resources. If this report period is a sub-period of the Allocation period then the SAFE calculates the Allocation for this sub-period based on a linear spend 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	100	9,685.4	0.76%	9,685.4	0.76%	3,407.4	0.27%
c01	Class1a	420	6,176.9	0.48%	6,176.9	0.48%	17,602.0	1.38%
e432	Class1a	70	1,876.5	0.15%	1,876.5	0.15%	7,867.8	0.62%
e448	Class1a	454	22,473.4	1.76%	22,473.4	1.76%	35,160.2	2.76%
e537	Class1a	0	0.0	0.00%	0.0	0.00%	1,908.5	0.15%
e572	Class1a	622	1,104.8	0.09%	1,220.7	0.10%	3,586.6	0.28%
e575	Class1a	0	0.0	0.00%	0.0	0.00%	2,910.9	0.23%
e584	Class1a	2	0.1	0.00%	0.1	0.00%	1,392.5	0.11%
e588	Class1a	0	0.0	0.00%	0.0	0.00%	3,066.6	0.24%
e606	Class1a	160	14,327.1	1.12%	14,327.1	1.12%	8,115.0	0.64%
e607	Class1a	192	6,140.7	0.48%	6,141.2	0.48%	16,181.3	1.27%
e608	Class1a	111	1,015.3	0.08%	1,016.4	0.08%	5,249.1	0.41%
e609	Class1a	33	105.7	0.01%	105.7	0.01%	4,966.9	0.39%
e610	Class1a	3	5,095.9	0.40%	5,095.9	0.40%	9,264.2	0.73%
e613	Class1a	2	0.1	0.00%	0.1	0.00%	844.3	0.07%
e627	Class1a	104	956.4	0.07%	956.4	0.07%	7,534.8	0.59%
e630	Class1a	192	18,405.5	1.44%	33,501.8	2.63%	20,557.2	1.61%
e637	Class1a	22	186.0	0.01%	186.0	0.01%	2,554.6	0.20%
e642	Class1a	0	0.0	0.00%	0.0	0.00%	7,330.2	0.57%
e643	Class1a	188	62.1	0.00%	62.1	0.00%	7,579.8	0.59%
e645	Class1a	60	2,276.4	0.18%	2,276.4	0.18%	4,101.0	0.32%
e647	Class1a	115	578.1	0.05%	578.1	0.05%	9,378.6	0.74%
e648	Class1a	18	30,978.7	2.43%	30,978.7	2.43%	4,851.1	0.38%
e649	Class1a	7	2,221.5	0.17%	2,221.5	0.17%	5,109.9	0.40%
e651	Class1a	79	1,222.6	0.10%	1,222.6	0.10%	2,037.5	0.16%
e655	Class1a	24	894.4	0.07%	894.4	0.07%	2,526.6	0.20%
e663	Class1a	226	2,018.9	0.16%	2,018.9	0.16%	2,527.7	0.20%
e667	Class1a	25	2,274.1	0.18%	2,274.1	0.18%	1,597.6	0.13%
e668	Class1a	0	0.0	0.00%	0.0	0.00%	2,105.5	0.17%
e6337	Class1a	31	1,046.7	0.08%	1,046.7	0.08%	2,554.9	0.20%
e01	Consortia	3,263	90,043.2	7.06%	95,348.3	7.48%	84,745.6	6.65%
e05	Consortia	7,768	141,003.3	11.06%	203,355.8	15.95%	237,183.6	18.60%
e89	Consortia	2,805	60,370.3	4.73%	64,351.5	5.05%	121,237.2	9.51%
e280	Consortia	452	29,244.2	2.29%	31,386.0	2.46%	54,814.3	4.30%
e281	Consortia	471	10,366.4	0.81%	10,553.0	0.83%	21,574.3	1.69%
e283	Consortia	599	16,564.2	1.30%	17,786.5	1.39%	19,030.0	1.49%
e305	Consortia	782	86,905.9	6.81%	87,451.8	6.86%	58,664.0	4.60%
e585	Consortia	205	3,940.3	0.31%	3,940.3	0.31%	34,065.9	2.67%
e658	Consortia	1,437	22,988.3	1.80%	23,052.9	1.81%	25,925.3	2.03%
e348	Direct Access: ARCHER RAP	7	51.7	0.00%	51.7	0.00%	4,847.5	0.38%

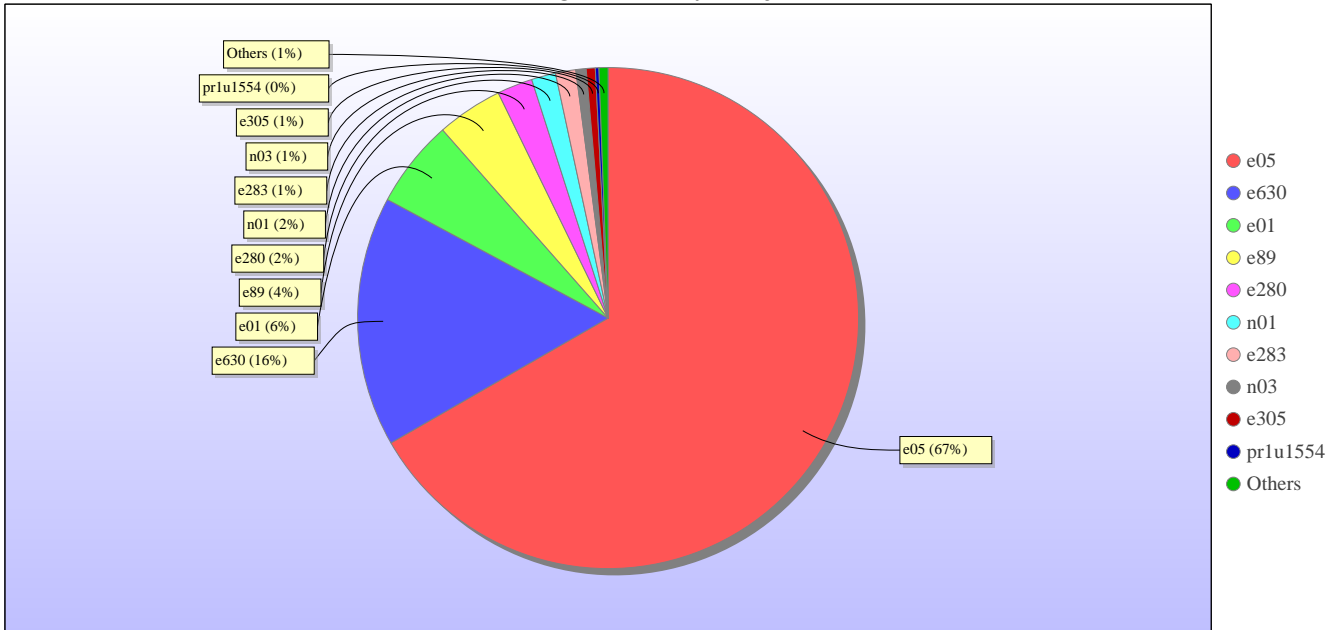
Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs	Allocation
e664	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	1,339.9	0.11%
e632	Instant Access	0	0.0	0.00%	0.0	0.00%	934.9	0.07%
e665	Instant Access	29	1,265.0	0.10%	1,265.0	0.10%	137.7	0.01%
e669	Instant Access	9	3.0	0.00%	3.0	0.00%	204.4	0.02%
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%	184.1	0.01%
e644	Training	37	123.1	0.01%	123.1	0.01%	2,286.7	0.18%
e654	Training	133	333.5	0.03%	334.1	0.03%	3,063.8	0.24%
ta011	Training	85	50.1	0.00%	33.9	0.00%	43.5	0.00%
EPSRC Total		21,342	594,375.8	46.61%	685,373.9	53.74%	874,218.8	68.55%
n01	Consortia	2,086	51,840.1	4.07%	53,300.5	4.18%	130,809.2	10.26%
n02	Consortia	18,925	112,406.9	8.81%	112,545.1	8.83%	188,776.1	14.80%
n03	Consortia	1,403	60,892.7	4.77%	61,514.5	4.82%	85,134.3	6.68%
NERC Total		22,414	225,139.7	17.65%	227,360.0	17.83%	404,719.7	31.74%
e621	Class1a	2	69.2	0.01%	69.2	0.01%	4,124.2	0.32%
e568	Research	49	1,872.7	0.15%	1,872.7	0.15%	499.4	0.04%
BBSRC Total		51	1,941.9	0.15%	1,941.9	0.15%	4,623.6	0.36%
pr1u0001	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	2.8	0.00%
pr1u1552	DECI: EXEC	30	1,807.4	0.14%	1,807.4	0.14%	2,679.3	0.21%
pr1u1554	DECI: EXEC	203	794.3	0.06%	1,010.8	0.08%	557.6	0.04%
pr1u1651	DECI: EXEC	1	139.2	0.01%	139.2	0.01%	203.4	0.02%
pr1u1652	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	1,743.6	0.14%
pr1u1653	DECI: EXEC	22	1,458.7	0.11%	1,458.7	0.11%	2,214.1	0.17%
pr1u1654	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	371.4	0.03%
pr1u1655	DECI: EXEC	55	918.1	0.07%	918.1	0.07%	936.1	0.07%
pr1u1656	DECI: EXEC	5	0.6	0.00%	0.6	0.00%	1,119.8	0.09%
pr1u1657	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	344.3	0.03%
pr1u1658	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	1,569.5	0.12%
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%	166.9	0.01%
pr1uco79	DECI: HOME	187	18,144.8	1.42%	18,144.8	1.42%	8,618.6	0.68%
PRACE Total		503	23,263.1	1.82%	23,479.6	1.84%	20,528.3	1.61%
d43	ECDF	25	1,314.3	0.10%	1,314.3	0.10%	281.1	0.02%
d35	Research	1	0.0	0.00%	0.0	0.00%	112.3	0.01%
d56	Research	399	2,564.5	0.20%	2,574.2	0.20%	4,685.1	0.37%
d114	Research	1,177	7,961.1	0.62%	7,988.6	0.63%	11,810.5	0.93%
d118	Research	31	0.0	0.00%	0.0	0.00%	312.3	0.02%
d137	Research	253	130.5	0.01%	130.5	0.01%	2,540.1	0.20%
d142	Research	2	50.8	0.00%	50.8	0.00%	507.6	0.04%
d143	Research	0	0.0	0.00%	0.0	0.00%	950.8	0.07%
d155	Research	0	0.0	0.00%	0.0	0.00%	1,952.1	0.15%
d170	Research	0	0.0	0.00%	0.0	0.00%	0.8	0.00%
d428	Research	0	0.0	0.00%	0.0	0.00%	317.4	0.02%
d429	Research	61	5,226.2	0.41%	5,226.2	0.41%	1,183.2	0.09%
d430	Research	0	0.0	0.00%	0.0	0.00%	5,343.7	0.42%
W22	Industrial	9	32.0	0.00%	32.0	0.00%	229.5	0.02%
d153	Industrial	0	0.0	0.00%	0.0	0.00%	156.2	0.01%
i01	Industrial	0	0.0	0.00%	0.0	0.00%	429.5	0.03%
i21	Industrial	0	0.0	0.00%	0.0	0.00%	15,617.1	1.22%
i236	Industrial	0	0.0	0.00%	0.0	0.00%	116.5	0.01%
w21	Industrial	0	0.0	0.00%	0.0	0.00%	32.8	0.00%
w23	Industrial	0	0.0	0.00%	0.0	0.00%	491.7	0.04%
w24	Industrial	0	0.0	0.00%	0.0	0.00%	245.8	0.02%

Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocated kAUs	Allocation
x06	Industrial	0	0.0	0.00%	0.0	0.00%	138.3	0.01%
z99	Service	0	0.0	0.00%	0.0	0.00%	0.7	0.00%
DirectorsTime Total		1,958	17,279.4	1.35%	17,316.7	1.36%	47,455.2	3.72%
y14	Training	0	0.0	0.00%	0.0	0.00%	169.4	0.01%
y01	Service	0	0.0	0.00%	0.0	0.00%	6.8	0.00%
y02	Service	1	0.1	0.00%	0.1	0.00%	34.0	0.00%
y07	Service	0	0.0	0.00%	0.0	0.00%	81.4	0.01%
z01	Service	0	0.0	0.00%	0.0	0.00%	12.7	0.00%
z02	Service	0	0.0	0.00%	0.0	0.00%	3.4	0.00%
z19	Service	18	21.8	0.00%	21.8	0.00%	2,562.9	0.20%
CSE Total		19	21.8	0.00%	21.8	0.00%	2,870.5	0.23%
Total		46,287	862,021.7	67.60%	955,493.9	74.93%	1,354,416.1	106.21%

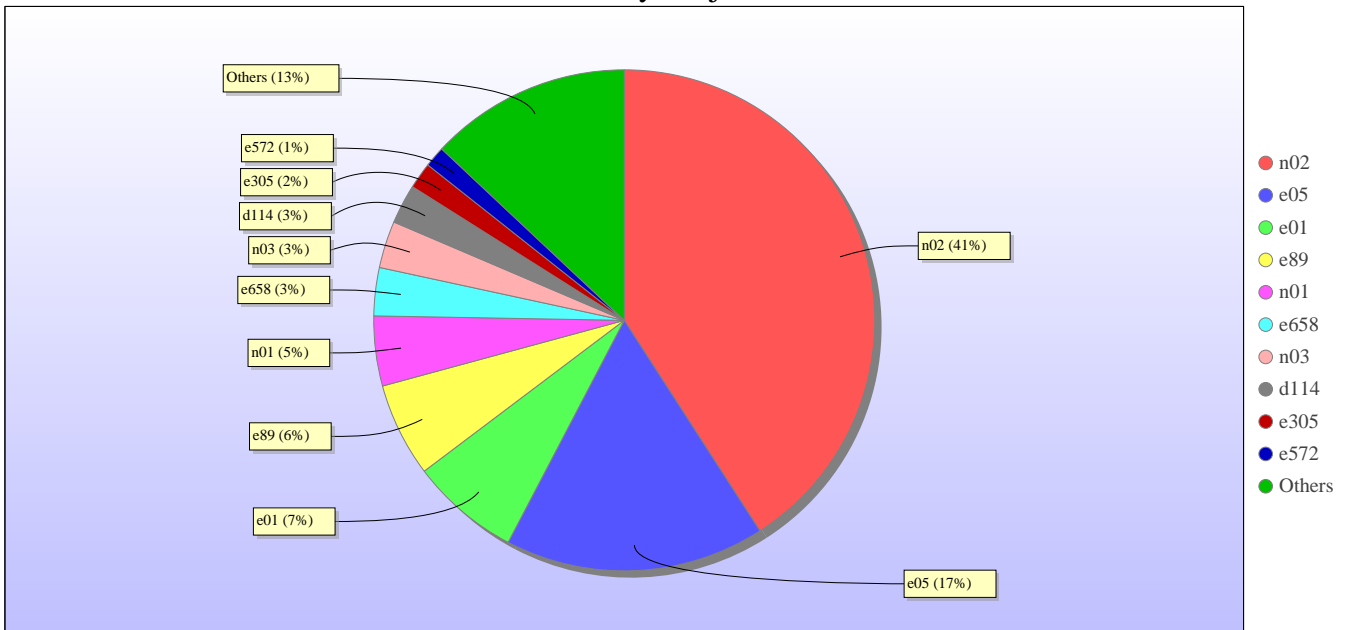
Use by Project



Uncharged Use by Project



Jobs by Project



kAUs (by Size)

Size	kAUs	Number of Jobs
17-32	6,836.422	18,558
33-64	9,189.551	4,327
65-128	47,886.244	3,611
129-256	147,360.374	8,823
257-512	119,053.818	7,118
513-1024	131,989.411	1,850
1025-2048	163,634.643	1,190
2049-4096	81,767.761	520
4097-8192	84,053.21	175
8193-16384	9,998.745	73

Size	kAUs	Number of Jobs
16385-32768	60,202.908	41