

Monthly Reporting

Report from 01 February 2015 to 28 February 2015

Report for Resource Pool XC on ARCHER

A total of 1190246.397 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. This excludes any usage discounted via incentive schemes. 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.

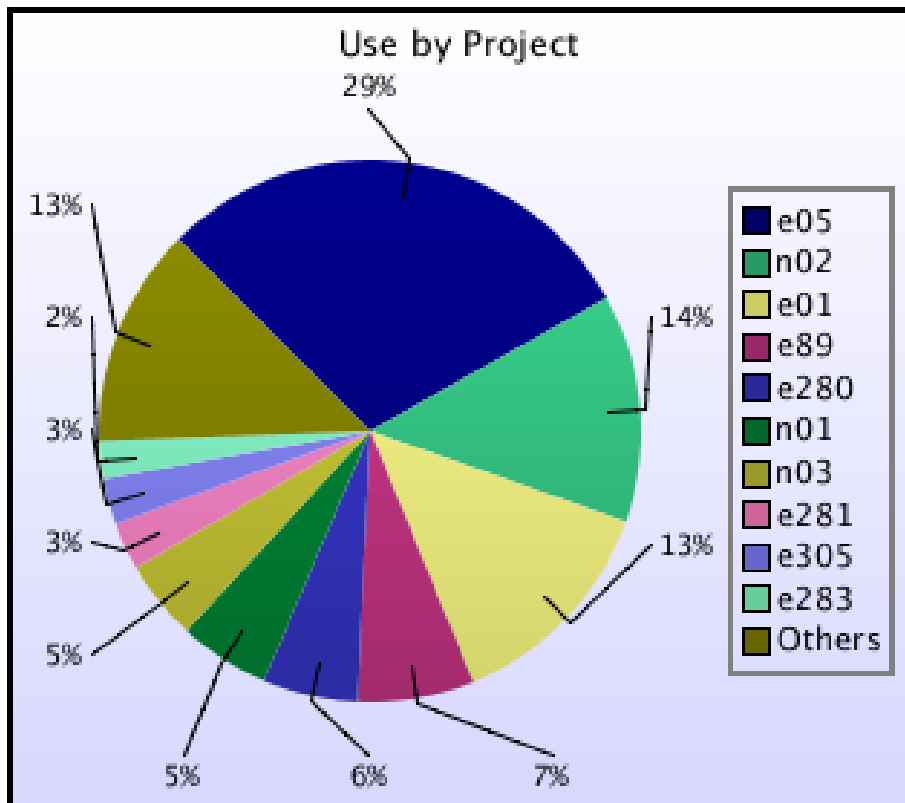
Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocation
e01	Consortia	1814	135926.0	11.42%	142964.1	12.01%	4.19%
e05	Consortia	14051	309130.3	25.97%	312986.5	26.30%	12.58%
e89	Consortia	5055	74397.5	6.25%	74405.5	6.25%	8.05%
e280	Consortia	1879	59788.0	5.02%	60162.8	5.05%	3.08%
e281	Consortia	544	29930.5	2.51%	30526.3	2.56%	1.43%
e283	Consortia	261	23993.4	2.02%	23994.2	2.02%	1.16%
e305	Consortia	779	29022.8	2.44%	29023.1	2.44%	1.32%
c01	Class1a	95	1218.7	0.10%	1218.7	0.10%	0.24%
e10	Class1a	9	42.0	0.00%	73.9	0.01%	0.60%
e71	Class1a	67	1167.7	0.10%	1167.7	0.10%	0.20%
e110	Class1a	1	25.3	0.00%	25.3	0.00%	0.33%
e125	Class1a	133	2026.8	0.17%	2026.8	0.17%	0.26%
e155	Class1a	0	0.0	0.00%	0.0	0.00%	0.03%
e174	Class1a	600	875.0	0.07%	875.2	0.07%	0.29%
e175	Class1a	19	96.8	0.01%	927.4	0.08%	0.14%
e179	Class1a	27	485.0	0.04%	485.0	0.04%	0.36%
e182	Class1a	0	0.0	0.00%	0.0	0.00%	0.03%
e184	Class1a	45	97.0	0.01%	97.6	0.01%	0.18%
e191	Class1a	47	266.8	0.02%	266.8	0.02%	0.14%
e202	Class1a	77	16055.7	1.35%	16055.7	1.35%	0.74%
e220	Class1a	22	9.3	0.00%	9.3	0.00%	0.04%
e228	Class1a	0	0.0	0.00%	0.0	0.00%	0.04%
e229	Class1a	5	5.7	0.00%	5.7	0.00%	0.04%
e266	Class1a	50	4778.4	0.40%	6124.6	0.51%	0.69%
e268	Class1a	0	0.0	0.00%	0.0	0.00%	0.04%
e272	Class1a	307	1465.0	0.12%	1465.0	0.12%	0.28%
e282	Class1a	46	958.8	0.08%	958.8	0.08%	0.06%
e290	Class1a	44	3.3	0.00%	3.7	0.00%	0.01%
e291	Class1a	0	0.0	0.00%	0.0	0.00%	0.06%
e300	Class1a	3	0.0	0.00%	0.0	0.00%	0.06%
e301	Class1a	183	2754.5	0.23%	2754.5	0.23%	0.07%
e304	Class1a	4	0.9	0.00%	0.9	0.00%	0.55%
e320	Class1a	0	0.0	0.00%	0.0	0.00%	0.17%
e330	Class1a	0	0.0	0.00%	0.0	0.00%	0.01%
e331	Class1a	7	25.2	0.00%	25.2	0.00%	0.11%
e332	Class1a	0	0.0	0.00%	0.0	0.00%	0.05%
e333	Class1a	0	0.0	0.00%	0.0	0.00%	0.34%
e336	Class1a	0	0.0	0.00%	0.0	0.00%	0.01%
e342	Class1a	20	1935.3	0.16%	1935.3	0.16%	0.04%
e343	Class1a	119	669.2	0.06%	669.2	0.06%	0.11%
e358	Class1a	1	0.0	0.00%	0.0	0.00%	0.06%
e364	Class1a	5	1.5	0.00%	1.5	0.00%	0.06%
e365	Class1a	0	0.0	0.00%	0.0	0.00%	0.11%
e375	Class1a	0	0.0	0.00%	0.0	0.00%	0.22%
e377	Class1a	3	0.2	0.00%	0.2	0.00%	0.14%
e385	Class1a	70	256.2	0.02%	256.2	0.02%	1.25%
e309	Direct Access: ARCHER RAP	3	865.8	0.07%	865.8	0.07%	0.02%
e310	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.05%

Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocation
e312	Direct Access: ARCHER RAP	788	7016.7	0.59%	7016.7	0.59%	0.09%
e313	Direct Access: ARCHER RAP	27	1080.5	0.09%	1080.5	0.09%	0.09%
e314	Direct Access: ARCHER RAP	29	10004.7	0.84%	10004.7	0.84%	0.12%
e316	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.04%
e317	Direct Access: ARCHER RAP	94	1268.0	0.11%	1268.0	0.11%	0.30%
e318	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.14%
e319	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.02%
e321	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.11%
e323	Direct Access: ARCHER RAP	54	6579.8	0.55%	6580.1	0.55%	0.09%
e326	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.08%
e338	Direct Access: ARCHER RAP	18	219.9	0.02%	219.9	0.02%	0.42%
e339	Direct Access: ARCHER RAP	45	5347.0	0.45%	5347.0	0.45%	0.39%
e346	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.08%
e347	Direct Access: ARCHER RAP	2	0.4	0.00%	0.4	0.00%	0.07%
e348	Direct Access: ARCHER RAP	244	3544.6	0.30%	3544.6	0.30%	0.30%
e351	Direct Access: ARCHER RAP	13	1275.9	0.11%	1275.9	0.11%	0.04%
e352	Direct Access: ARCHER RAP	41	1131.1	0.10%	1131.1	0.10%	0.12%
e354	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.08%
e355	Direct Access: ARCHER RAP	34	967.5	0.08%	967.5	0.08%	0.20%
e356	Direct Access: ARCHER RAP	4	12.1	0.00%	12.1	0.00%	0.07%
e360	Direct Access: ARCHER RAP	33	738.7	0.06%	738.7	0.06%	0.14%
e370	Direct Access: ARCHER RAP	49	100.3	0.01%	100.3	0.01%	0.16%
e371	Direct Access: ARCHER RAP	6	37.8	0.00%	37.8	0.00%	0.32%
e372	Direct Access: ARCHER RAP	30	6782.1	0.57%	6782.1	0.57%	0.33%
e373	Direct Access: ARCHER RAP	57	2635.0	0.22%	2635.0	0.22%	0.24%
e392	Direct Access: ARCHER RAP	53	853.4	0.07%	853.4	0.07%	0.30%
e393	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.13%
e399	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.18%
e400	Direct Access: ARCHER RAP	0	0.0	0.00%	0.0	0.00%	0.09%
e402	Direct Access: ARCHER RAP	1	0.0	0.00%	0.0	0.00%	0.03%
e359	Instant Access	19	0.5	0.00%	0.5	0.00%	0.06%
e367	Instant Access	2	0.1	0.00%	0.1	0.00%	0.00%
e368	Instant Access	0	0.0	0.00%	0.0	0.00%	0.02%
e369	Instant Access	0	0.0	0.00%	0.0	0.00%	0.01%
e374	Instant Access	176	7611.5	0.64%	7611.5	0.64%	0.30%

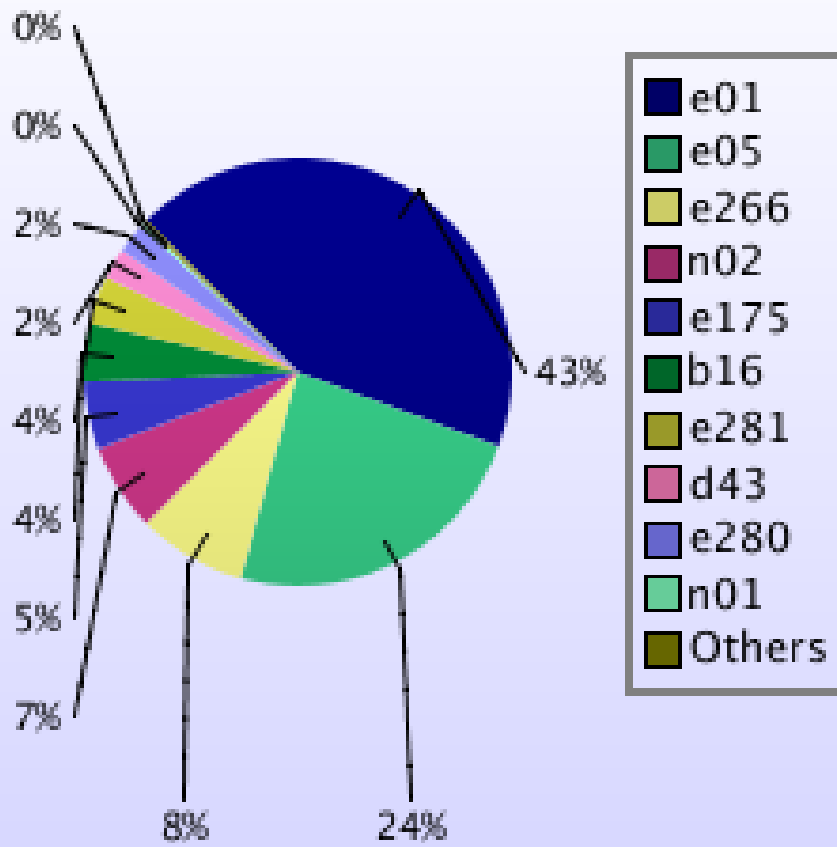
Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocation
e376	Instant Access	96	70.5	0.01%	70.5	0.01%	0.22%
e379	Instant Access	0	0.0	0.00%	0.0	0.00%	0.02%
e380	Instant Access	0	0.0	0.00%	0.0	0.00%	0.01%
e381	Instant Access	1	0.0	0.00%	0.0	0.00%	0.02%
e383	Instant Access	0	0.0	0.00%	0.0	0.00%	0.01%
e384	Instant Access	0	0.0	0.00%	0.0	0.00%	0.02%
e387	Instant Access	0	0.0	0.00%	0.0	0.00%	0.01%
e388	Instant Access	0	0.0	0.00%	0.0	0.00%	0.02%
e389	Instant Access	0	0.0	0.00%	0.0	0.00%	0.02%
e390	Instant Access	138	116.5	0.01%	116.5	0.01%	0.01%
e391	Instant Access	1	0.1	0.00%	0.1	0.00%	0.01%
e401	Instant Access	0	0.0	0.00%	0.0	0.00%	0.01%
r10	RDF: Pilot	0	0.0	0.00%	0.0	0.00%	0.00%
i07	Industrial	167	19832.8	1.67%	19832.8	1.67%	1.06%
e382	Service	970	1324.0	0.11%	1324.0	0.11%	0.19%
EPSRC Total		29587	776826.6	65.27%	790910.6	66.45%	46.81%
n01	Consortia	2181	57784.7	4.85%	57830.3	4.86%	4.66%
n02	Consortia	6483	143722.7	12.08%	144801.3	12.17%	7.65%
n03	Consortia	2307	50890.2	4.28%	50892.4	4.28%	3.27%
NERC Total		10971	252397.6	21.21%	253523.9	21.30%	15.57%
b14	Class1a	0	0.0	0.00%	0.0	0.00%	0.02%
b16	Class1a	22	299.7	0.03%	1017.6	0.09%	0.03%
e329	Class1a	0	0.0	0.00%	0.0	0.00%	0.03%
BBSRC Total		22	299.7	0.03%	1017.6	0.09%	0.08%
pr1u1103	DECI: EXEC	55	3622.9	0.30%	3622.9	0.30%	0.19%
pr1u1105	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.21%
pr1u1109	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.19%
pr1u1110	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.11%
pr1u1111	DECI: EXEC	50	2748.9	0.23%	2748.9	0.23%	0.04%
pr1u1112	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.17%
pr1u1113	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.32%
pr1u1114	DECI: EXEC	10	6.3	0.00%	10.3	0.00%	0.02%
pr1u1115	DECI: EXEC	340	1611.1	0.14%	1611.1	0.14%	0.10%
pr1u1202	DECI: EXEC	66	2105.8	0.18%	2105.8	0.18%	0.41%
pr1u1204	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.22%
pr1u1205	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.12%
pr1u1211	DECI: EXEC	83	236.2	0.02%	236.2	0.02%	0.11%
pr1u1212	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.15%
pr1u1213	DECI: EXEC	14	641.4	0.05%	641.4	0.05%	0.10%
pr1u1214	DECI: EXEC	7	88.6	0.01%	88.6	0.01%	0.07%
pr1u1215	DECI: EXEC	0	0.0	0.00%	0.0	0.00%	0.12%
pr1u1201	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1203	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1206	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1207	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.01%
pr1u1208	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1209	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
pr1u1210	DECI: HOME	0	0.0	0.00%	0.0	0.00%	0.00%
PRACE Total		625	11061.1	0.93%	11065.2	0.93%	2.64%
ecse0101	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0102	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0103	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0105	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0108	eCSE	20	22.8	0.00%	22.8	0.00%	0.00%
ecse0110	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0113	eCSE	12	7.2	0.00%	7.2	0.00%	0.00%
ecse0115	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0116	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecse0117	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0118	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0119	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0202	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0203	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%

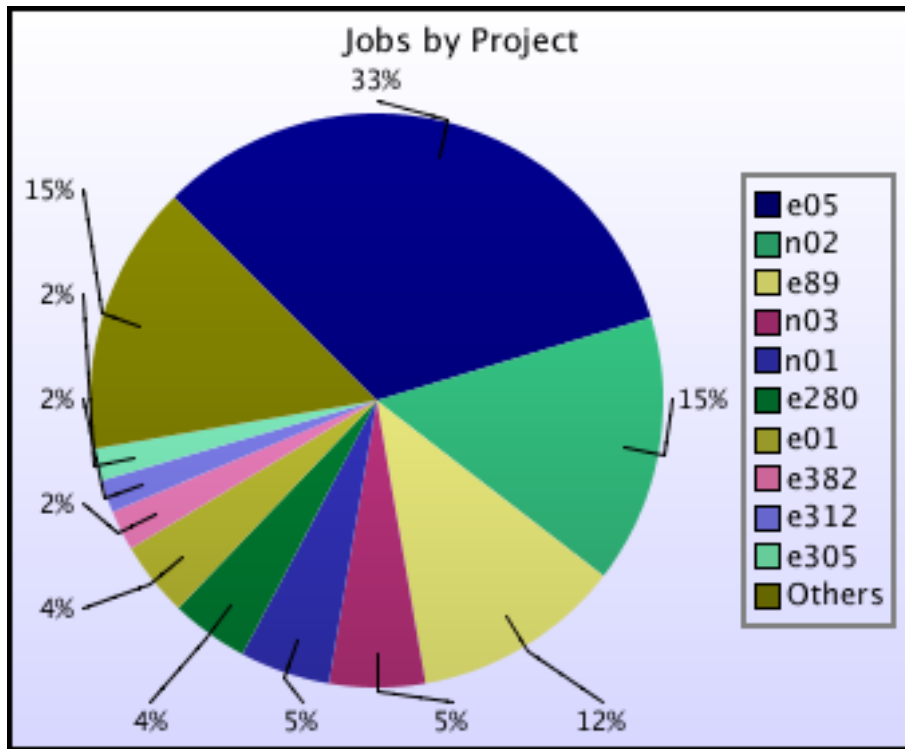
Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocation
ecse0206	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0208	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0209	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0211	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0213	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0215	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0217	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0301	eCSE	2	0.3	0.00%	0.3	0.00%	0.00%
ecse0303	eCSE	1	0.0	0.00%	0.0	0.00%	0.00%
ecse0307	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0308	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecse0309	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecse0313	eCSE	0	0.0	0.00%	0.0	0.00%	0.00%
ecsepr01	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr02	eCSE	10	36.1	0.00%	36.2	0.00%	0.01%
ecsepr03	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr04	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr05	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr06	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr07	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr08	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr09	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr10	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr11	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr12	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr13	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr14	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecsepr15	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecseta01	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecseta02	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
ecseta03	eCSE	0	0.0	0.00%	0.0	0.00%	0.01%
eCSE Total		45	66.4	0.01%	66.5	0.01%	0.20%
d43	ECDF	302	892.8	0.08%	1269.9	0.11%	0.80%
d25	Research	0	0.0	0.00%	0.0	0.00%	0.10%
d35	Research	196	447.4	0.04%	447.4	0.04%	0.02%
d37	Research	0	0.0	0.00%	0.0	0.00%	0.09%
d41	Research	0	0.0	0.00%	0.0	0.00%	0.03%
d56	Research	254	647.6	0.05%	647.6	0.05%	0.26%
d57	Research	0	0.0	0.00%	0.0	0.00%	0.00%
d60	Research	10	1.3	0.00%	1.3	0.00%	0.00%
d61	Research	0	0.0	0.00%	0.0	0.00%	0.00%
d62	Research	11	0.5	0.00%	0.5	0.00%	0.02%
d63	Research	0	0.0	0.00%	0.0	0.00%	0.02%
d64	Research	0	0.0	0.00%	0.0	0.00%	0.02%
d65	Research	0	0.0	0.00%	0.0	0.00%	0.48%
d66	Research	0	0.0	0.00%	0.0	0.00%	0.00%
d67	Research	8	0.1	0.00%	0.1	0.00%	0.01%
d69	Research	0	0.0	0.00%	0.0	0.00%	0.01%
d70	Research	27	0.0	0.00%	0.0	0.00%	0.01%
d71	Research	8	315.0	0.03%	315.0	0.03%	0.10%
d72	Research	0	0.0	0.00%	0.0	0.00%	0.05%
d73	Research	0	0.0	0.00%	0.0	0.00%	0.75%
d75	Research	0	0.0	0.00%	0.0	0.00%	0.00%
d76	Research	0	0.0	0.00%	0.0	0.00%	0.00%
e324	Research	0	0.0	0.00%	0.0	0.00%	0.04%
i01	Industrial	1	0.0	0.00%	0.0	0.00%	0.00%
i02	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
i03	Industrial	0	0.0	0.00%	0.0	0.00%	0.14%
i04	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
i06	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
i10	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
i13	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
i15	Industrial	0	0.0	0.00%	0.0	0.00%	0.02%

Project	Project Class	Number of Jobs	Charged kAUs	Charged Utilisation	Used kAUs	Utilisation	Allocation
i16	Industrial	41	22.6	0.00%	22.8	0.00%	0.00%
i17	Industrial	0	0.0	0.00%	0.0	0.00%	0.00%
x08	Industrial	14	58.1	0.00%	58.1	0.00%	0.00%
d59	Training	149	42.9	0.00%	42.9	0.00%	0.02%
d68	Training	64	98.6	0.01%	98.6	0.01%	0.03%
d74	Training	44	3.8	0.00%	3.8	0.00%	0.01%
d39	Service	0	0.0	0.00%	0.0	0.00%	0.01%
i14	Service	0	0.0	0.00%	0.0	0.00%	0.03%
y01	Service	0	0.0	0.00%	0.0	0.00%	0.01%
y02	Service	5	0.1	0.00%	0.1	0.00%	0.04%
y07	Service	1	0.0	0.00%	0.0	0.00%	0.00%
z02	Service	11	1.5	0.00%	1.5	0.00%	0.02%
z99	Service	23	0.5	0.00%	0.5	0.00%	0.00%
DirectorsTime Total		1169	2532.9	0.21%	2910.2	0.24%	3.18%
y14	Training	0	0.0	0.00%	0.0	0.00%	0.02%
z01	Service	276	6945.7	0.58%	6942.4	0.58%	0.55%
CSE Total		276	6945.7	0.58%	6942.4	0.58%	0.57%
w01	Service	0	0.0	0.00%	0.0	0.00%	0.01%
w02	Service	54	247.2	0.02%	247.2	0.02%	0.01%
w03	Service	60	386.0	0.03%	386.0	0.03%	0.01%
w04	Service	0	0.0	0.00%	0.0	0.00%	0.01%
w05	Service	0	0.0	0.00%	0.0	0.00%	0.01%
y21	Service	0	0.0	0.00%	0.0	0.00%	0.01%
Internal Total		114	633.1	0.05%	633.1	0.05%	0.08%
Total		42809	1050763.1	88.28%	1067069.5	89.65%	69.13%



Uncharged Use by Project

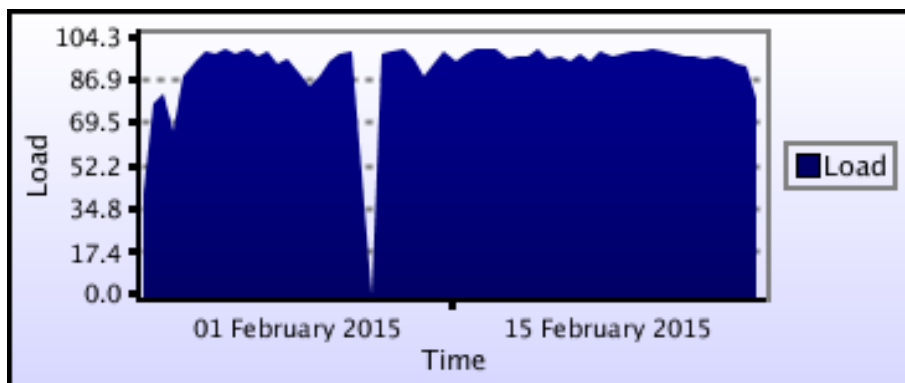




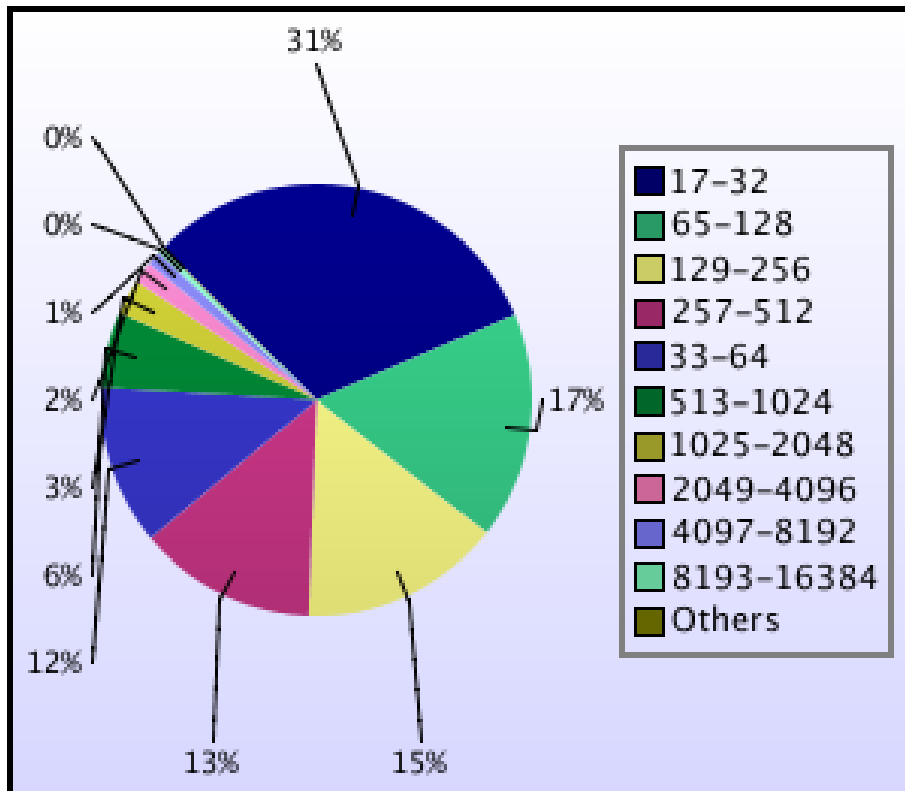
kAUs (by Size)

Size	kAUs	Number of Jobs
17-32	9102.063	13289
33-64	15878.255	5119
65-128	58055.198	7281
129-256	104083.375	6438
257-512	161821.201	5709
513-1024	172483.58	2456
1025-2048	118286.831	1135
2049-4096	148869.446	700
4097-8192	182306.756	454
8193-16384	59409.865	190
16385-32768	13793.051	31
32769-65536	5555.805	2
65537-131072	1107.968	1

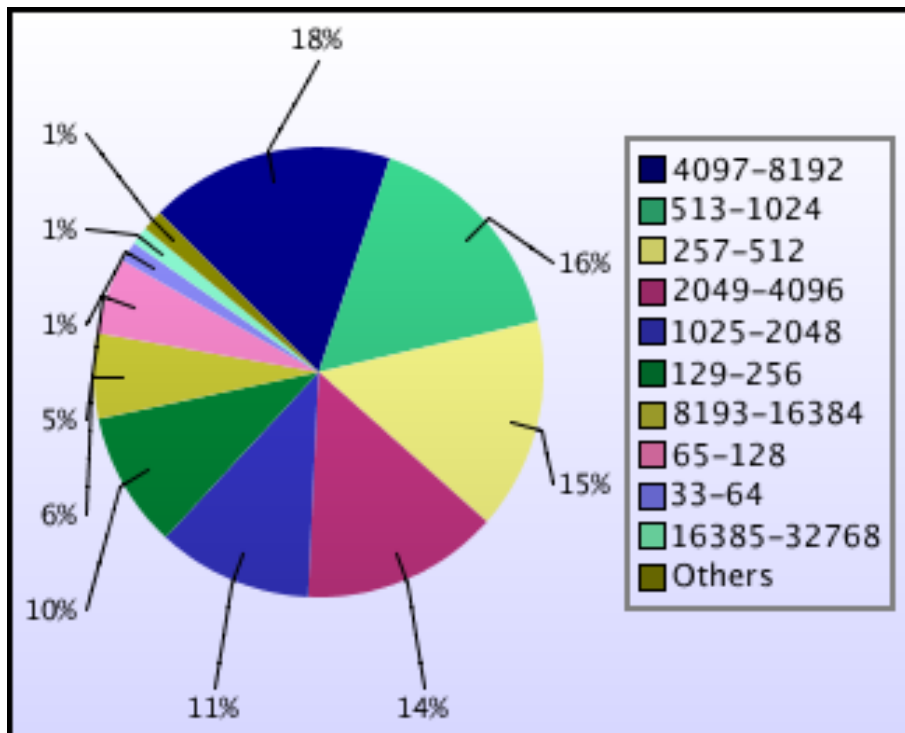
Load plots



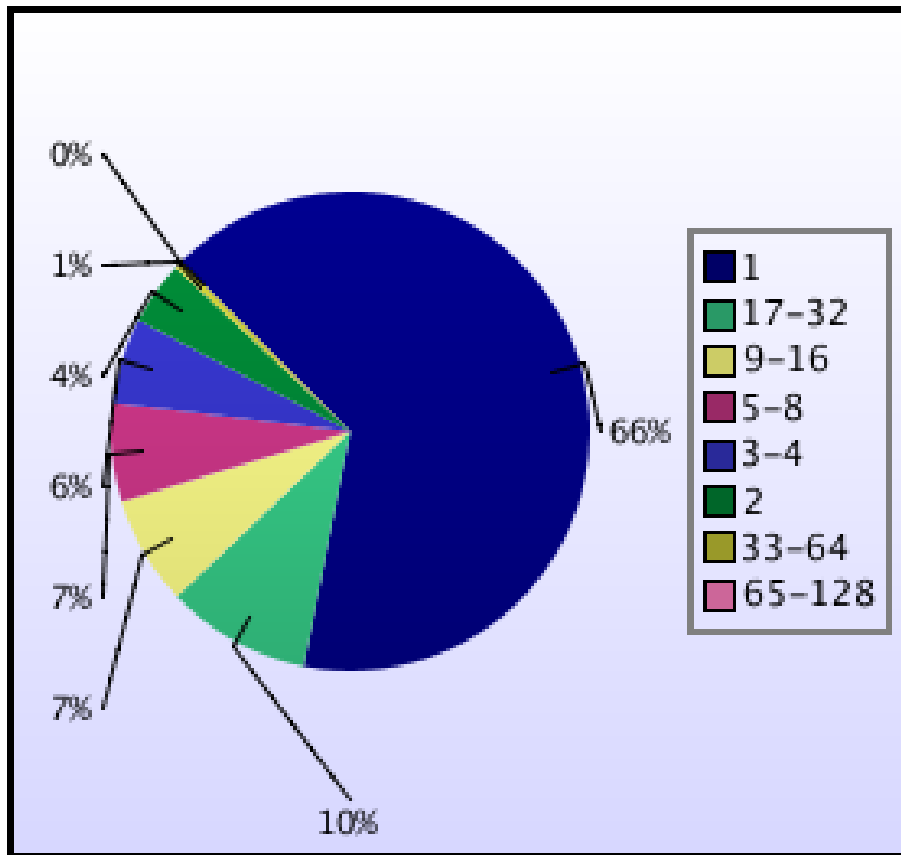
Percentage load on machine



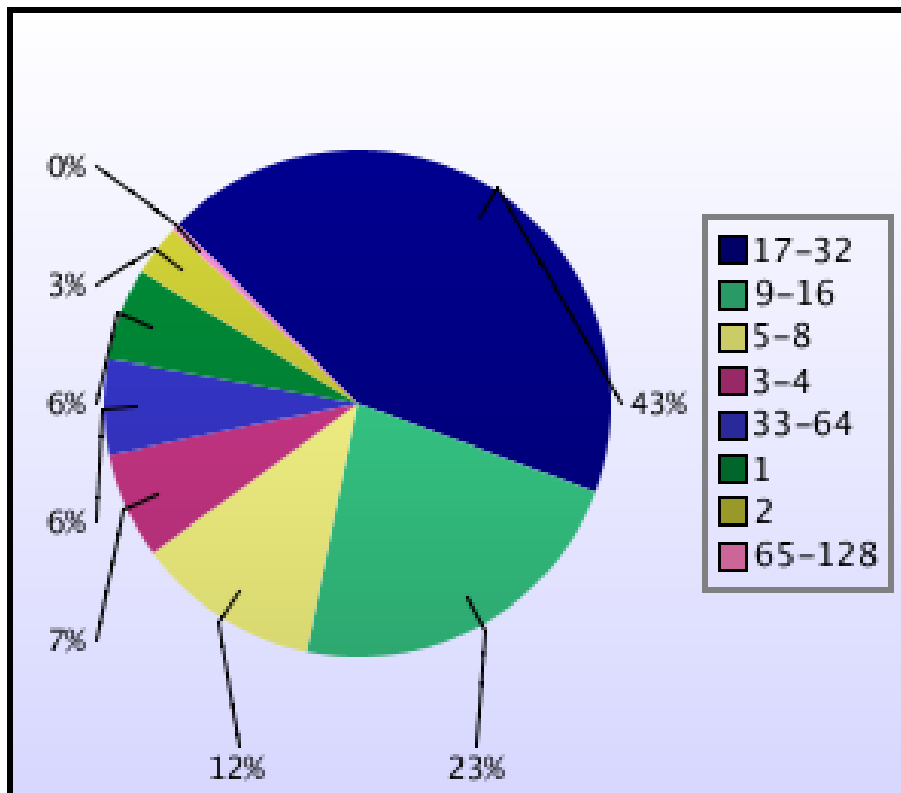
Jobs by Size



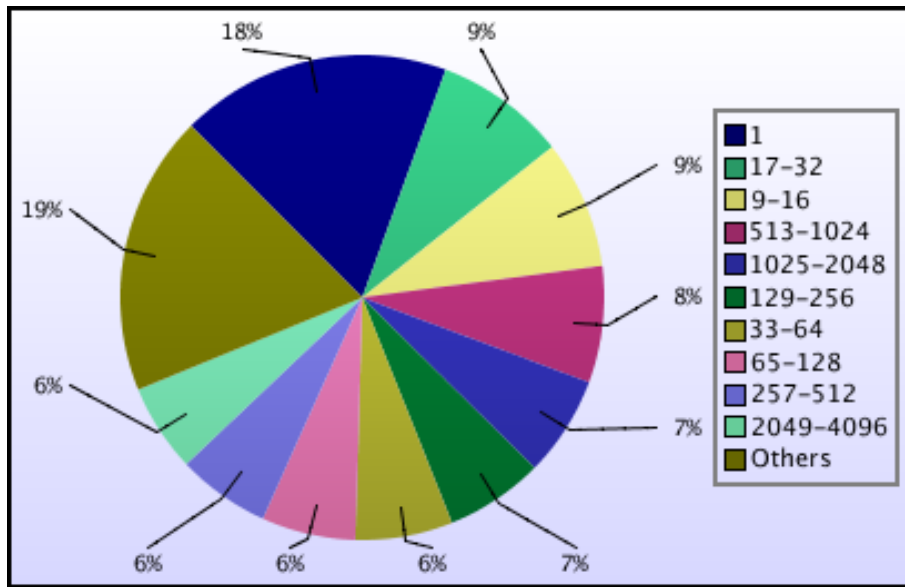
kAUs used by Size



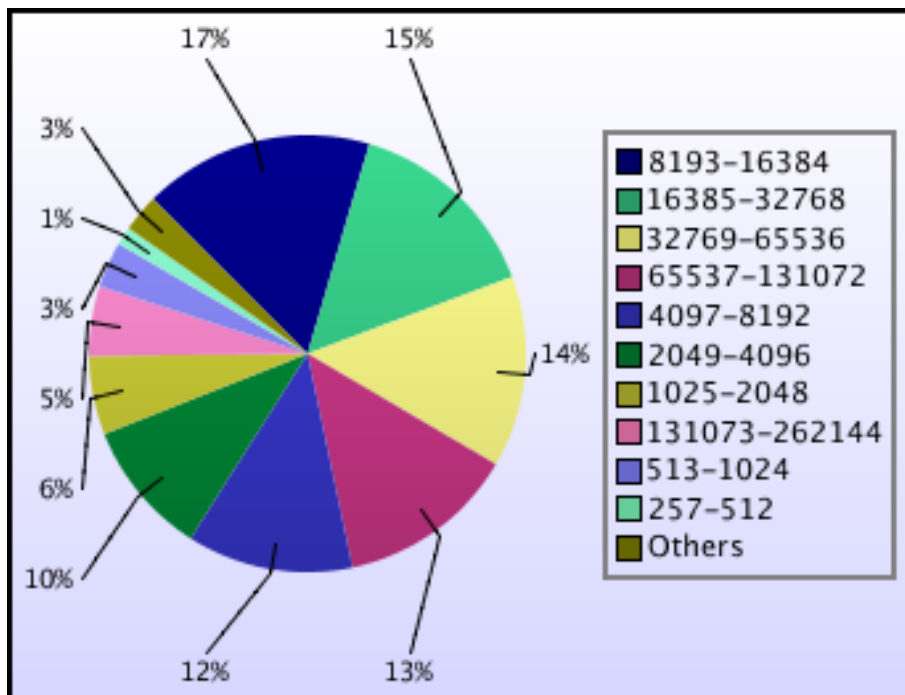
Jobs grouped by wall-clock-hours



kAUs used grouped by wall-clock-hours



Jobs grouped by core-hours

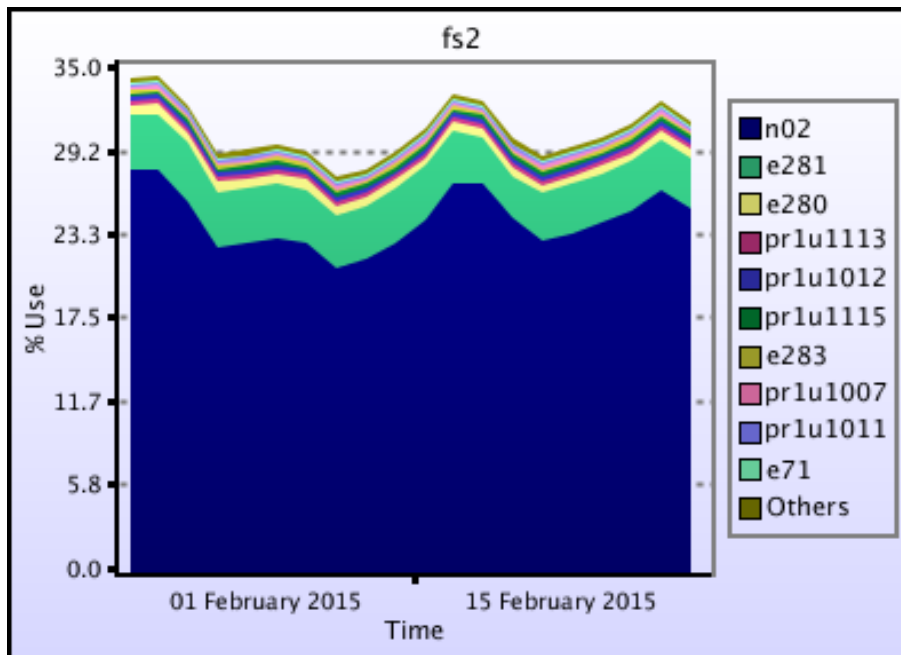


kAUs used grouped by core-hours

Disk usage

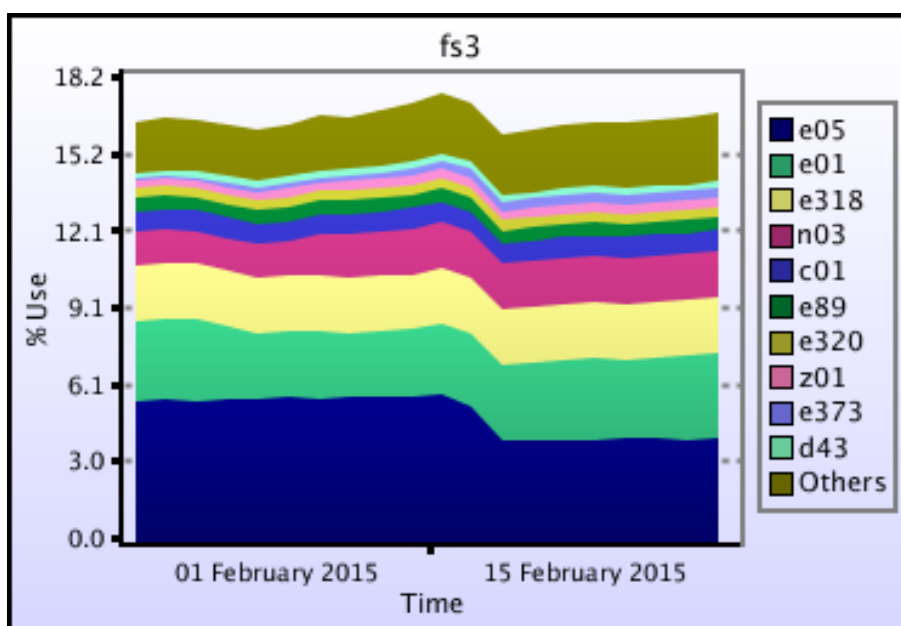
Disk usage for work (fs2)

This is a plot of Disk Use on fs2 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.



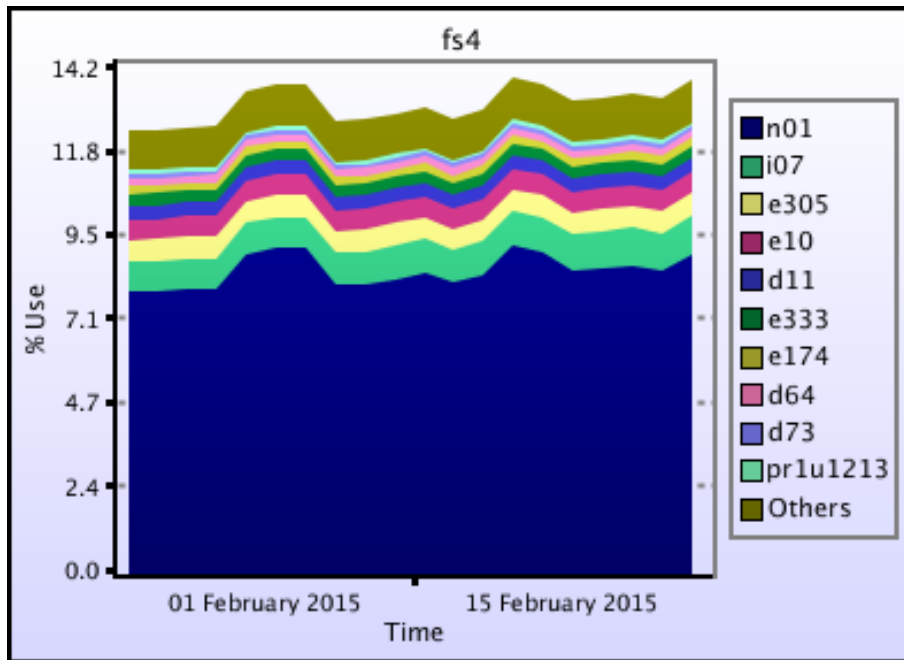
Disk usage for work (fs3)

This is a plot of Disk Use on fs3 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.



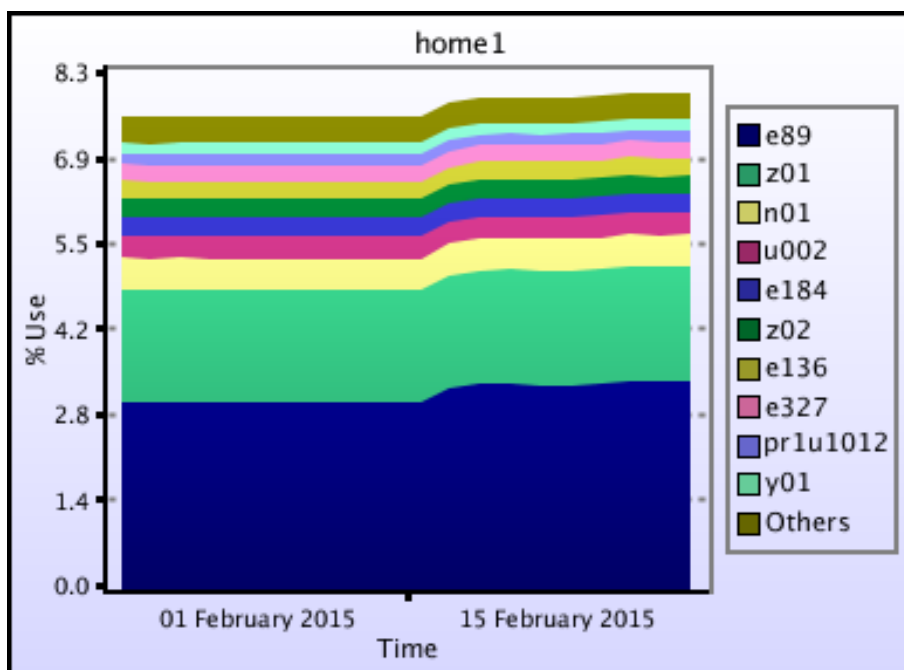
Disk usage for work (fs4)

This is a plot of Disk Use on fs4 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.



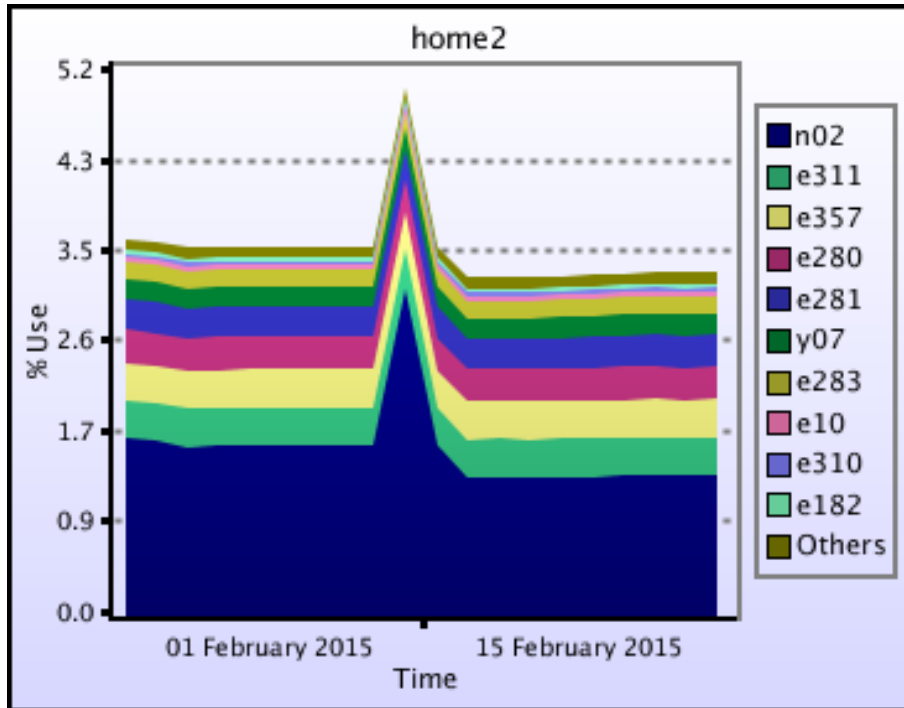
Disk usage for home (home1)

This is a plot of Disk Use on 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.



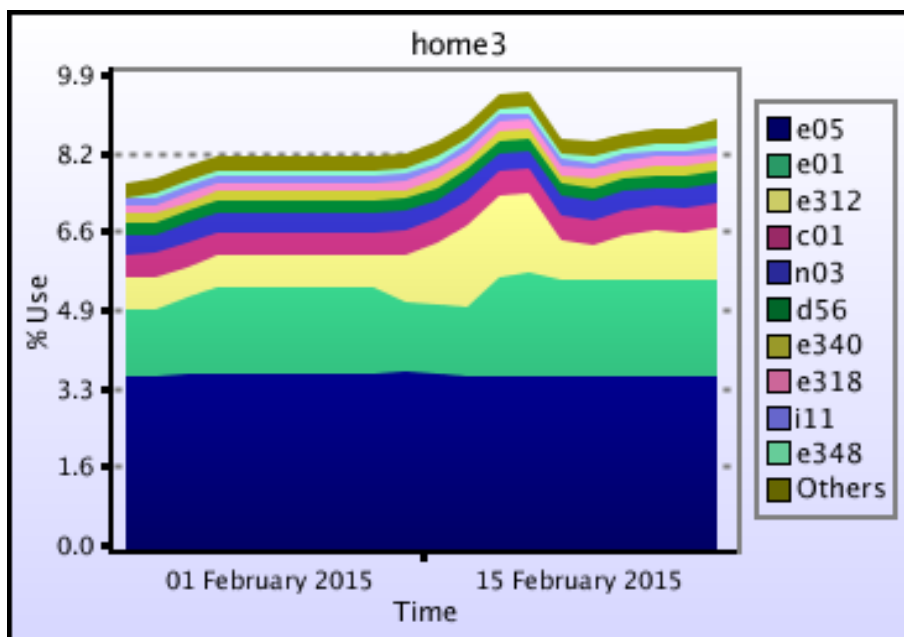
Disk usage for home (home2)

This is a plot of Disk Use on 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.



Disk usage for home (home3)

This is a plot of Disk Use on 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.



Disk usage for home (home4)

This is a plot of Disk Use on home4 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.

