# Experiment Resource Usage

# CPU usage
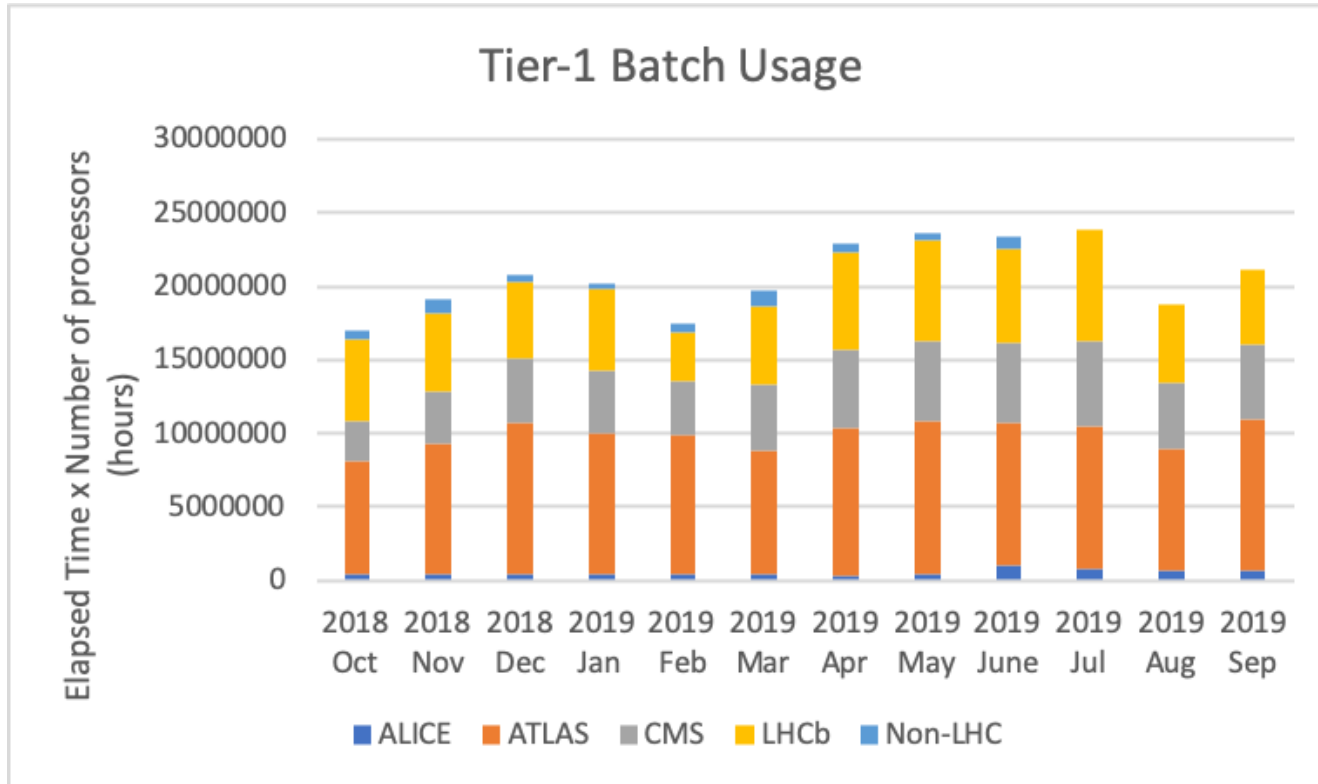
	2018 Sep	2018 Oct	2018 Nov	2018 Dec	2019 Jan	2019 Feb	2019 Mar	2019 Apr	2019 May	2019 June	2019 Jul	2019 Aug	2019 Sep	2019 Oct
ALICE	800739	422742	458706	488447	478761	455137	433958	364531	473581	1040067	849747	678849	740635	417637
ATLAS	5075203	7680942	8867753	10211952	9556893	9502808	8395984	9993993	10348316	9646875	9,698,040	8,278,950	10,194,617	11,389,927
CMS	2623938	2790044	3472260	4349867	4183465	3614038	4469867	5335180	5459048	5432269	5,762,546	4,439,334	5,063,490	5,745,714
LHCb	5676275	5514851	5353763	5288557	5615969	3326071	5385667	6661725	6909651	6471373	7,548,786	5,383,885	5,168,849	5,260,817
Non-LHC	711102	554726	908302	464369	373960	532617	964655	524569	443347	838246				
Total	14887256	16963305	19060783	20803193	20209048	17430671	19650132	22879997	23633942	23428830	23859119	18781017	21167592	22814095

Disk usage
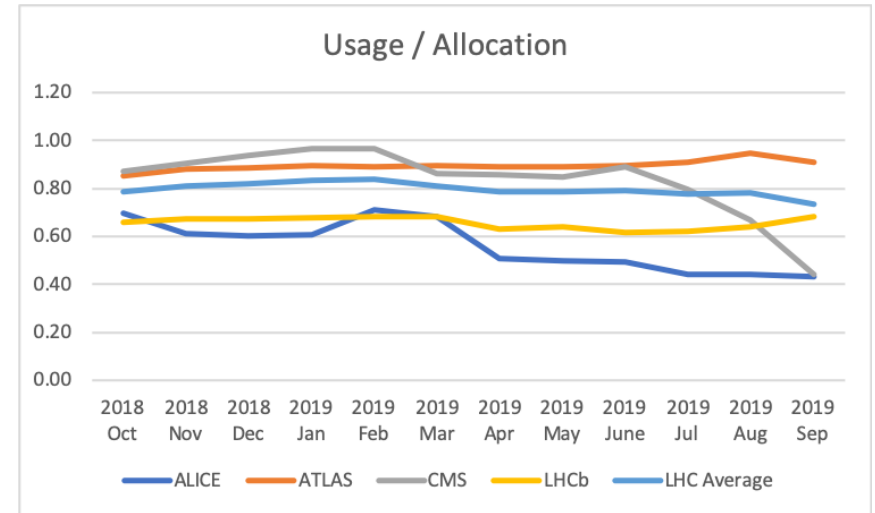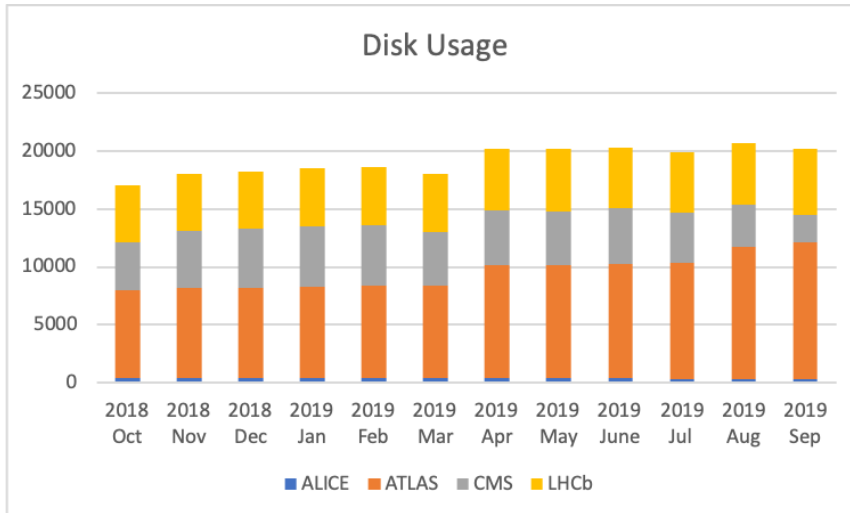
Usage	2018 Oct	2018 Nov	2018 Dec	2019 Jan	2019 Feb	2019 Mar	2019 Apr	2019 May	2019 June	2019 Jul	2019 Aug	2019 Sep
ALICE	445	391	385	387	452	437	384	379	374	336	336	327
ATLAS	7567	7794	7851	7907	7896	7912	9800	9800	9875	10000	11390	11800
CMS	4166	4930	5090	5251	5250	4679	4675	4620	4846	4327	3641	2400
LHCb	4832	4933	4933	4977	5011	4992	5298	5368	5165	5213	5375	5700
Total	17009	18048	18260	18522	18609	18020	20157	20167	20260	19876	20742	20227

- Removed duplicated LHCb storage in both Castor and Echo in Feb/March 2019.
- ALICE are slowly draining to move to Echo.
- CMS are aware of their dropping usage and have been investigating why.
- Will start including DUNE.

Tape usage
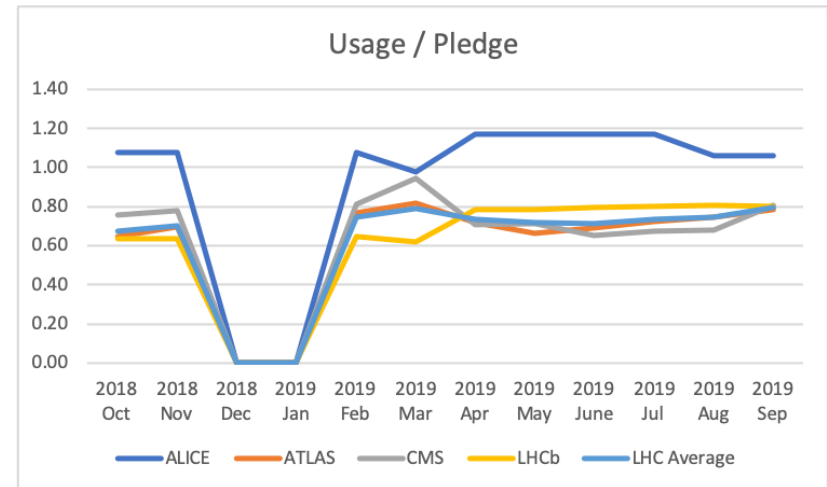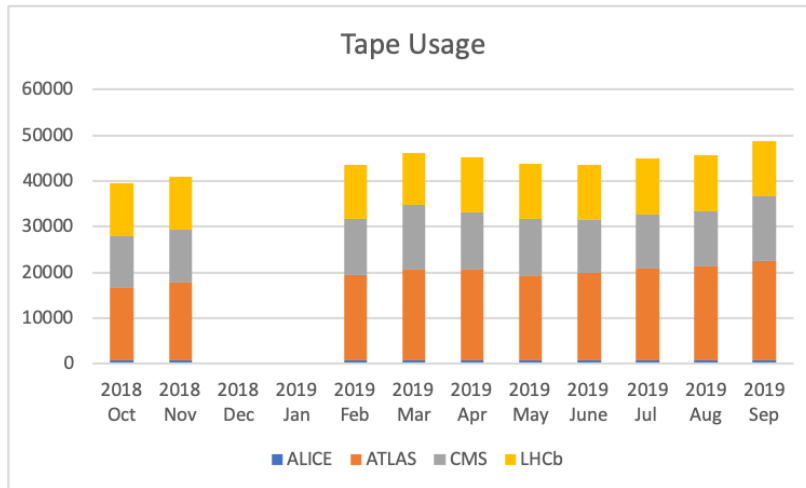
Usage	2018 Oct	2018 Nov	2018 Dec	2019 Jan	2019 Feb	2019 Mar	2019 Apr	2019 May	2019 June	2019 Jul	2019 Aug	2019 Sep
ALICE	883	883	0	0	882	799	882	882	882	882	798	798
ATLAS	15,774	16,981	0	0	18,663	19,920	19,785	18,375	19,090	20,046	20,634	21,638
CMS	11,306	11,602	0	0	12,122	14,070	12,491	12,585	11,475	11,860	12,008	14,181
LHCb	11,545	11,571	0	0	11,807	11,282	11,999	12,011	12,134	12,226	12,310	12,232
Total	39508	41037	0	0	43474	46071	45157	43853	43581	45014	45750	48849

MySQL database problem over Christmas which stored accounting information.