# ATLAS production @ OLCF. February 25, 2019
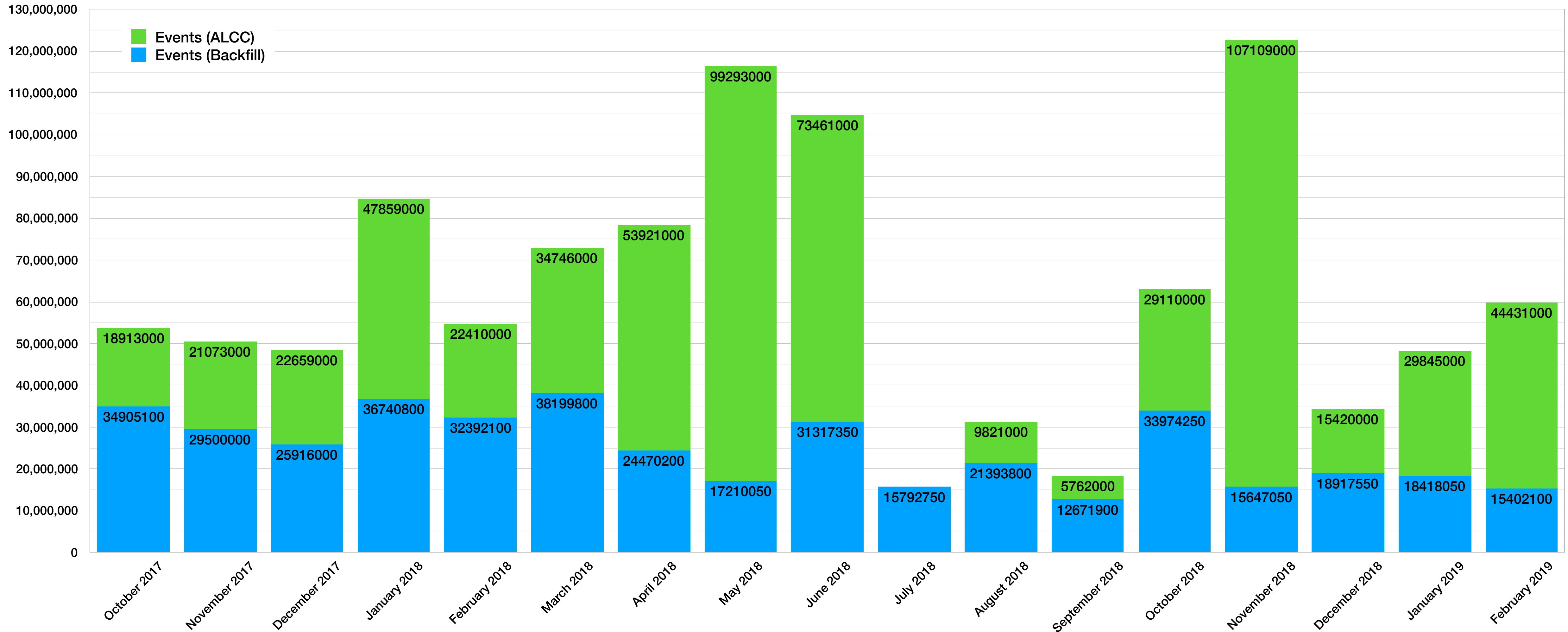
- **59,8M** of events in February
  - "Backfill": ~15,4M,
  - ALCC: ~**44,4** (even with reduced priority)

Events (ALCC)
Events (Backfill)

| Month | Backfill | ALCC |
|---|---|---|
| October 2017 | 34905100 | 18913000 |
| November 2017 | 29500000 | 21073000 |
| December 2017 | 25916000 | 22659000 |
| January 2018 | 36740800 | 47859000 |
| February 2018 | 32392100 | 22410000 |
| March 2018 | 38199800 | 34746000 |
| April 2018 | 24470200 | 53921000 |
| May 2018 | 17210050 | 99293000 |
| June 2018 | 31317350 | 73461000 |
| July 2018 | 15792750 | |
| August 2018 | 21393800 | 9821000 |
| September 2018 | 12671900 | 5762000 |
| October 2018 | 33974250 | 29110000 |
| November 2018 | 15647050 | 107109000 |
| December 2018 | 18917550 | 15420000 |
| January 2019 | 18418050 | 29845000 |
| February 2019 | 15402100 | 44431000 |

# ATLAS on Summit

- ATLAS Harvester instance for Summit will be deployed quite soon

- Few steps should be passed:

  - Managing of 'workers' through LSF. SAGA API should help with it (LSF support was declared)

  - Data transfers: it seems, that cross-system scheduling for Summit is not in place yet, so DTN can't be used for setup of Harvester. Login nodes of Summit are PowerPC9 machines and it put a restriction for low-level libraries (GFAL) which are used by Rucio client

    - Will be nice to have LSF client utilities (bsub, bjobs etc.)

    - GFAL Compiled for PowerPC

    - 'Distributed' Harvester - SSH tunnel may be required between Summit login and DTN node