

Activities across the sites

- Breakdown of processing activities

| <u>Site</u> | <u>Fraction (%)</u> |
|-------------|---------------------|
| CERN | 14 |
| FZK | 7 |
| IN2P3 | 12 |
| CNAF | 8 |
| NIKHEF/SARA | 25 |
| PIC | 4 |
| RAL | 30 |

Data sizes

| <u>Data type</u> | <u>Where</u> | <u>Amount</u> |
|-----------------------------------|---------------|---|
| RAW (LHCb_RAW) | CERN+Tier-1's | 42(T1D0)+42 TB(T1D0) 21k+21k files |
| rDST (LHCb_rDST) | CERN+Tier-1's | 21(T1D0)TB 21k files |
| DST (LHCb_M-DST & LHCb_DST) | CERN+tier-1's | 8+6x8 TB (CERN T1D1 + Tier-1 8TB T1D1+40 TB T0D1) 7k+6x7k files |

The table refers to February's activities - twice that amount for May

"Scaling" table

| <u>Service</u> | <u>Goal</u> |
|---------------------------------------|-----------------------|
| CERN+T1 recons rate | (see job submission) |
| T0-T1 rate | 35+6x1 MB/s |
| T1-T0 rate | 6 MB/s |
| T1-T1 rate | 9 MB/s per typical T1 |
| Job submission to CERN | 0.3k jobs/day |
| Job submission to Tier-1s | 1.7k jobs/day |
| Analysis job to CERN/T1 (May only) | 0.1-0.5k jobs/day |

All production jobs ~24 hours in duration
These rates are same for May but sustained for longer duration