



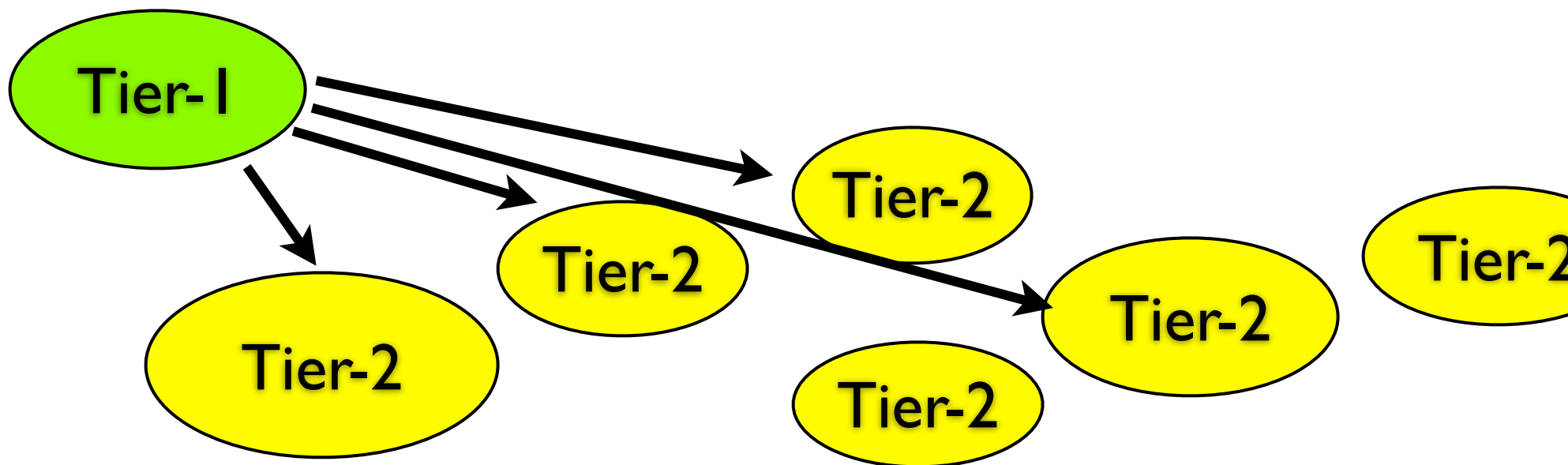
Tier-1 Export

Ian Fisk

Expectations from CMS

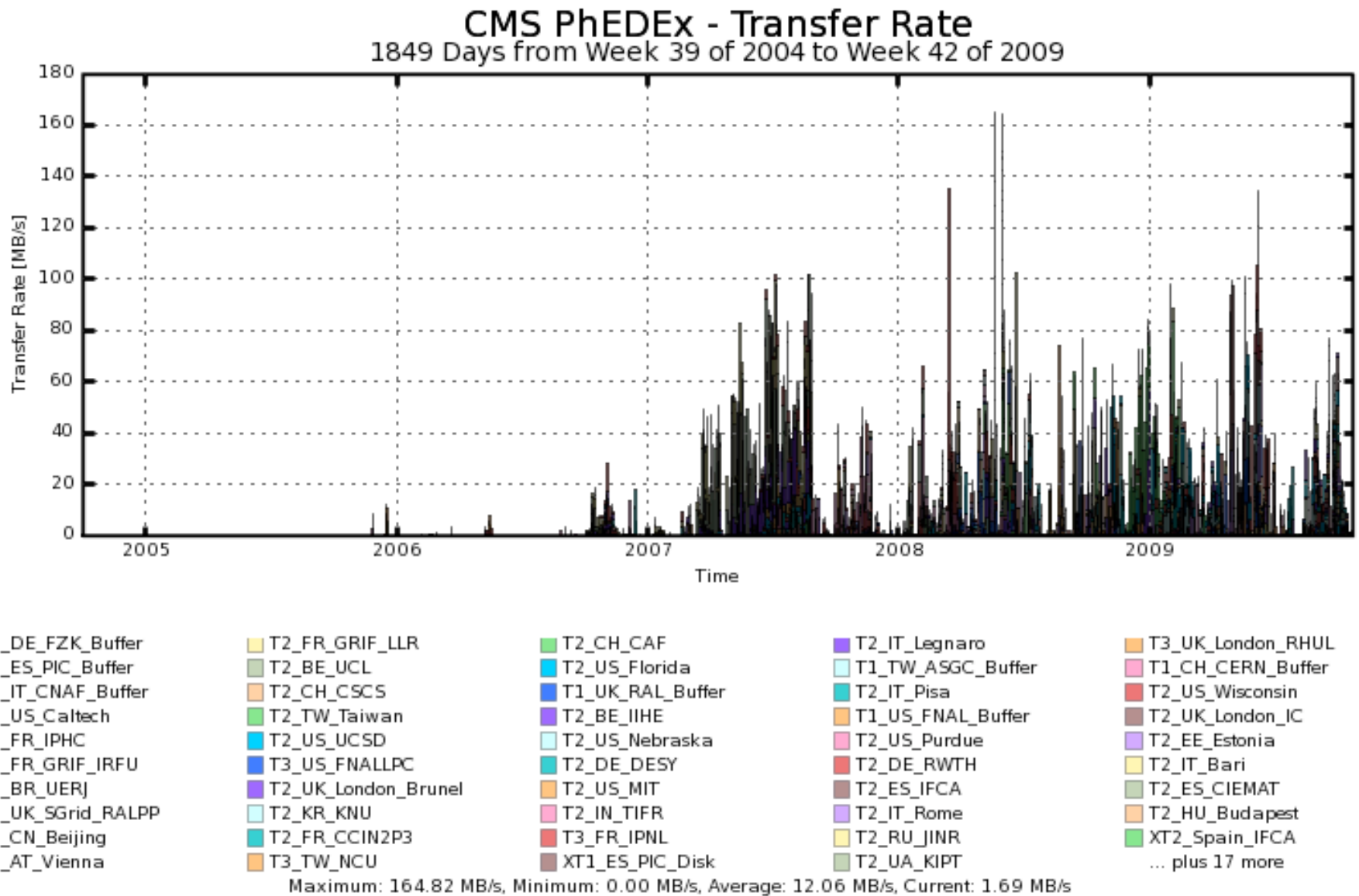
Tier-I Centers are entrusted with CMS custodial data for archiving, processing, and data serving

- ➔ The Tier-2 sites in CMS requesting data samples can come from anywhere
- The rate to Tier-2s is driven by user bursts and is expected in the CTDR to reach 50MB/s for slower links to bursts to 500MB/s for faster links
- ➔ Serving of AOD samples can come from any Tier-I





Tier-1 to Tier-2 Exports from IN2P3





Average Link Rates

Looking at the maximum daily averages on links between CCIN2P3 and Tier-2 sites over the last 5 years

- ➡ Average maximum 24 hour rate is 36MB/s
 - No 24h period with greater than 100MB/s
 - Maximum Rate from CCIN2P3 to total Tier-2s in 24 hours is 165MB/s
- ➡ CMS Planning Number based on custodial data expected at IN2P3 is 500MB/s