

Table 1: The total sizes of all datasets indexed in the IMPACT portal as of 2020-04-30¹

Data Collection	# of files	Size, compressed	Size, uncompressed
Ark IPv4 Routed /24	690703	12.2 TB	36.5 TB
Ark IPv4 Routed /24 DNS Names	4204	164.4 GB	625.4 GB
Ark IPv4 Prefix Probing	37222	3.8 TB	12.0 TB
Ark Internet Topology Data Kits	185	42.5 GB	312.8 GB
UCSD Network Telescope live data ²	720	62 TB	145 TB
UCSD Network Telescope archived data (at NERSC ³)	104582	2.6 PB	6.05 PB ⁴
UCSD Network Telescope meta data	209898	299.9 TB	1.19 PB
UCSD Network Telescope Traffic Samples ⁵	76846	3.2TB	10.5TB
OC48 Internet Traces (anonymized) ⁵	220	79.9 GB	151.0 GB
Cumulative totals	1124405	2.98 PB	7.40 PB

¹ Report-to-report totals are unsynchronized and may rise and fall as we continuously curate the data.

² We try to keep at least a 30-day window of the most recently collected raw data at SWIFT storage.

³ We archive data to the HPPS tape file system at the National Energy Research Scientific Computing Center (with some overlap between the CAIDA and NERSC storage).

⁴ Estimate based on a typical compression rate for telescope data of 0.43

⁵ Completed, archival data collections