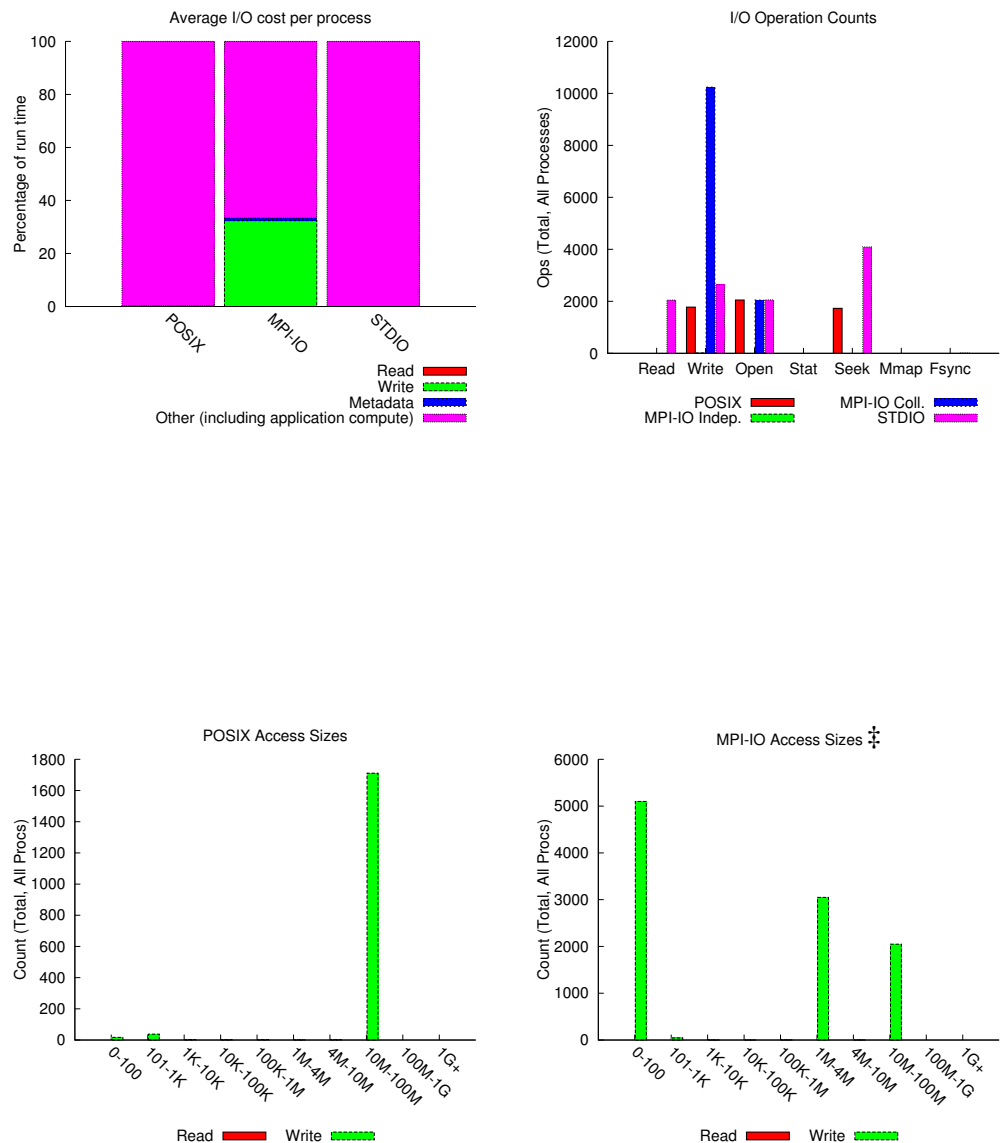


jobid: 11560096	uid: 76535	nprocs: 2048	runtime: 25 seconds
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I/O performance *estimate* (at the MPI-IO layer): transferred **1906659 MiB** at **12752.50 MiB/s**
I/O performance *estimate* (at the STDIO layer): transferred **1.8 MiB** at **81.20 MiB/s**



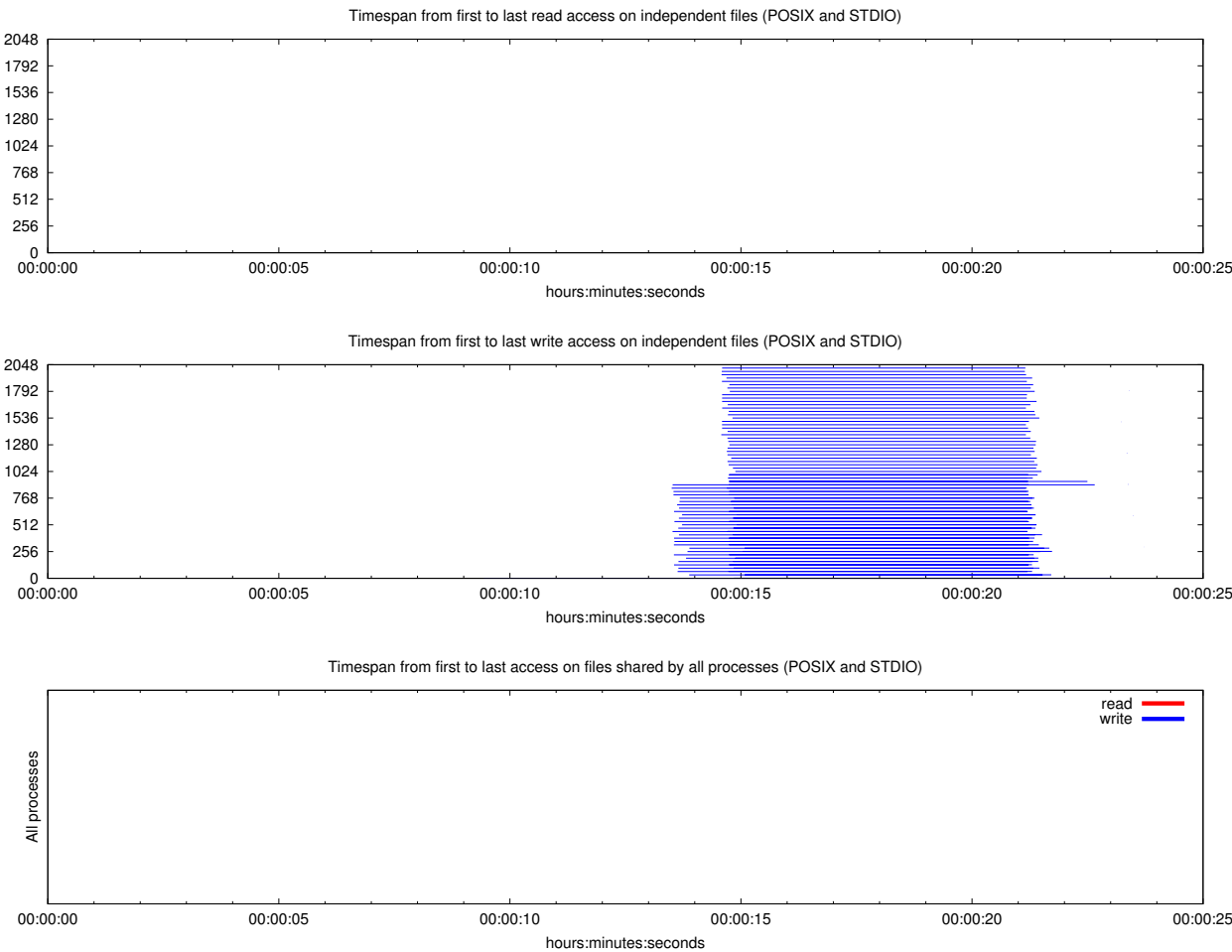
Most Common Access Sizes
(POSIX or MPI-IO)

	access size	count
POSIX	67108864	1706
	40	8
	272	7
	544	7
MPI-IO ‡	1886592	999
	3329280	147
	2904192	114
	3571200	114

‡ NOTE: MPI-IO accesses are given in terms of aggregate datatype size.

File Count Summary
(estimated by POSIX I/O access offsets)

type	number of files	avg. size	max size
total opened	11	5.9K	8.7K
read-only files	1	899	899
write-only files	10	6.4K	8.7K
read/write files	0	0	0
created files	10	6.4K	8.7K

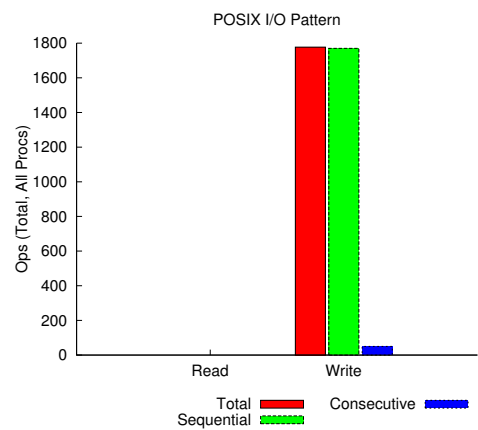


Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	1.41455078125002e-06	0.000857353210449219
Independent writes	-0.201354536621094	53.4279517880641
Independent metadata	0.00443347216796874	N/A
Shared reads	0	0
Shared writes	0	0
Shared metadata	0	N/A

Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/global/cscratch1	109420.44236	1.00000	1.75586	1.00000
UNKNOWN	0.00290	0.00000	0.00000	0.00000



sequential: An I/O op issued at an offset greater than where the previous I/O op ended.
consecutive: An I/O op issued at the offset immediately following the end of the previous I/O op.

Variance in Shared Files (POSIX and STDIO)

File Suffix	Processes	Fastest			Slowest			σ	
		Rank	Time	Bytes	Rank	Time	Bytes	Time	Bytes