jobid: 11545173	uid: 76505	nprocs: 512	runtime: 109 seconds

I/O performance *estimate* (at the MPI-IO layer): transferred 3346 MiB at 13737.90 MiB/s

Average I/O cost per process

I/O Operation Counts

POSIX Access Sizes
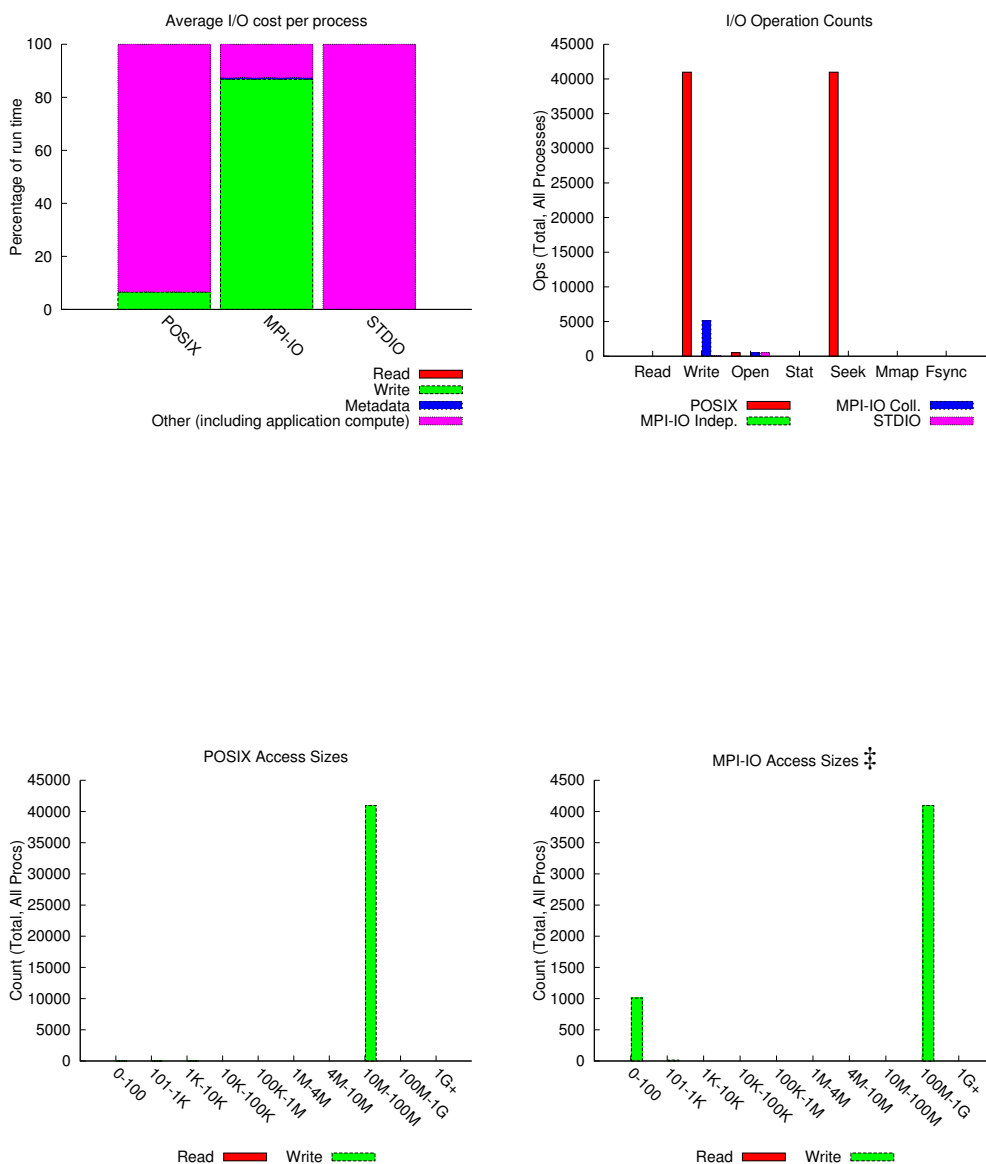
MPI-IO Access Sizes ‡

Most Common Access Sizes
(POSIX or MPI-IO)

	access size	count
POSIX	33554432	40952
	33550200	6
	4232	6
	2184	2
MPI-IO ‡	335544320	4096
	272	8
	96	2
	120	2

‡ 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	3	93	276
read-only files	0	0	0
write-only files	2	139	276
read/write files	0	0	0
created files	2	139	276

Timespan from first to last read access on independent files (POSIX and STDIO)

Timespan from first to last write access on independent files (POSIX and STDIO)

Timespan from first to last access on files shared by all processes (POSIX and STDIO)
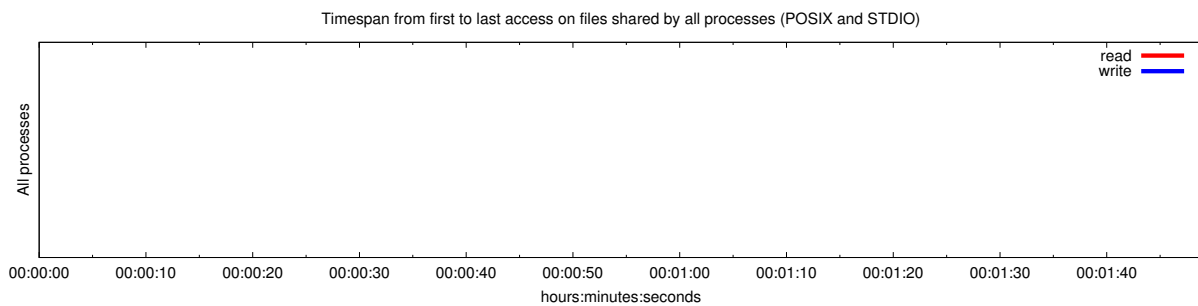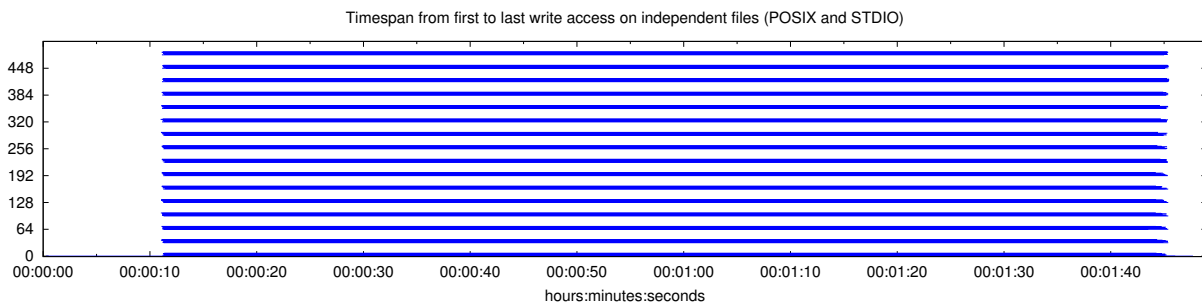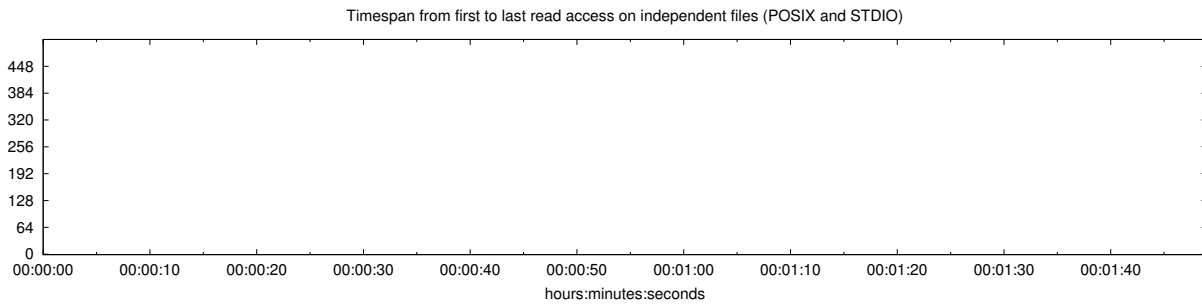
Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	0	0
Independent writes	2.19259223828125	2560.00001463667
Independent metadata	0.00659301367187501	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	1310720.00430	1.00000	0.00000	0.00000
UNKNOWN	0.00319	0.00000	0.00000	0.00000

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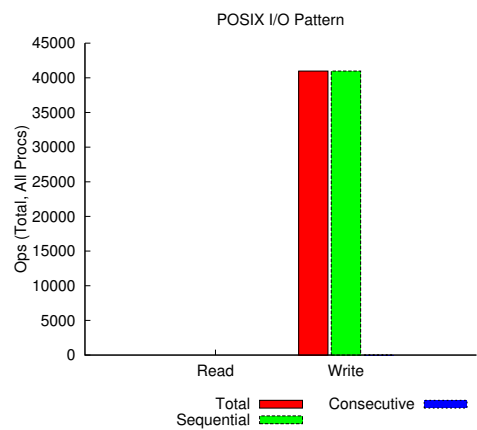
sequential: An I/O op issued at an offset greater than where the previous I/O op ended.
consecutive: An I/O op issued at the offset immediately following the end of the previous I/O op.

Variance in Shared Files (POSIX and STDIO)

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