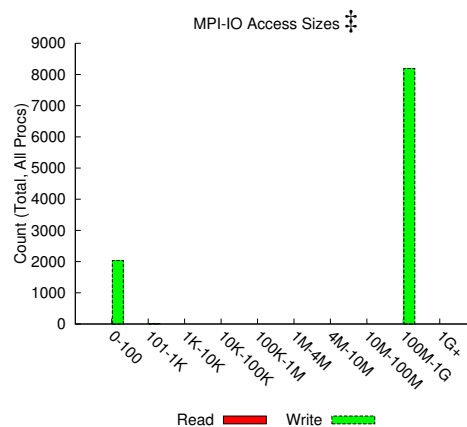| jobid: 11543541	uid: 76505	nprocs: 1024	runtime: 137 seconds

I/O performance *estimate* (at the MPI-IO layer): transferred 3347 MiB at 21172.44 MiB/s

Average I/O cost per process

I/O Operation Counts

POSIX Access Sizes
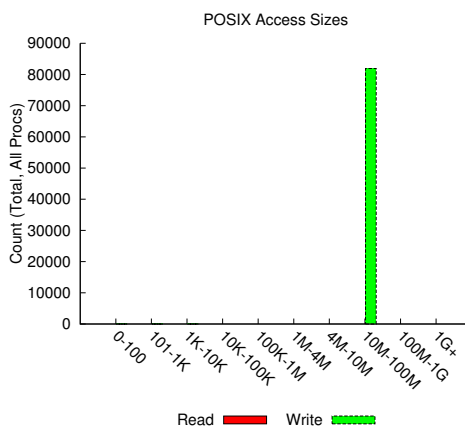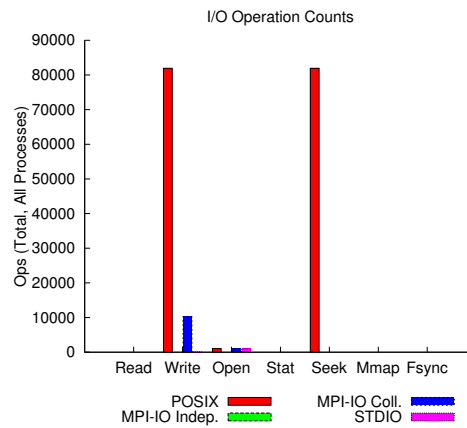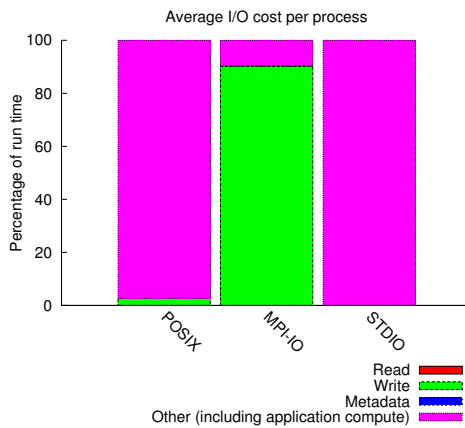
MPI-IO Access Sizes ‡

Most Common Access Sizes
(POSIX or MPI-IO)

	access size	count
POSIX	33554432	81912
	33550200	6
	4232	6
	2184	2
MPI-IO ‡	335544320	8192
	272	8
	120	2
	96	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	94	280
read-only files	0	0	0
write-only files	2	141	280
read/write files	0	0	0
created files	2	141	280

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)

read
write

All processes
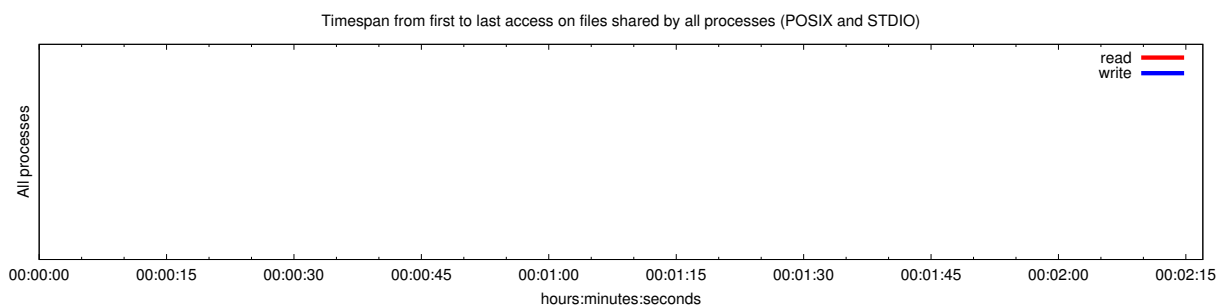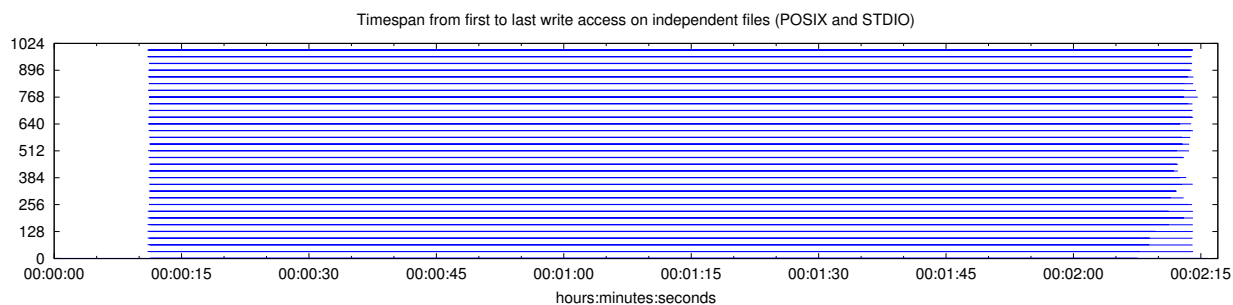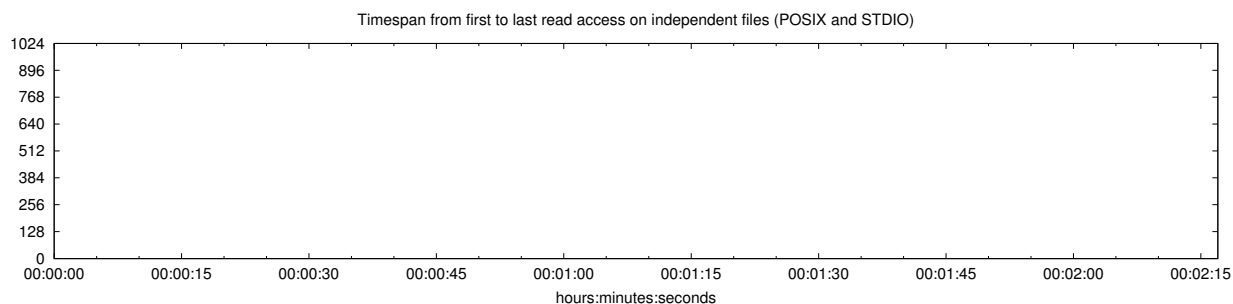
Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	0	0
Independent writes	0.547387259765626	2560.00000731926
Independent metadata	0.001463318359375	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	2621440.00430	1.00000	0.00000	0.00000
UNKNOWN	0.00319	0.00000	0.00000	0.00000

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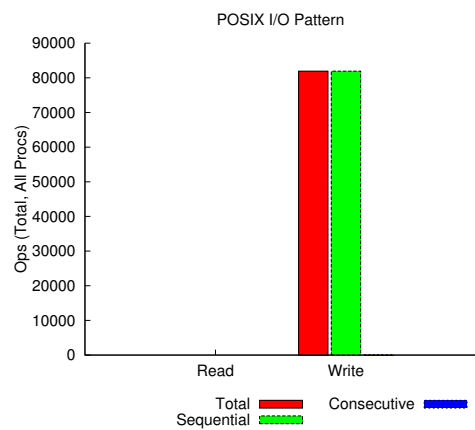
sequential: An I/O op issued at an offset greater than where the previous I/O op ended.
consecutive: An I/O op issued at the offset immediately following the end of the previous I/O op.

Variance in Shared Files (POSIX and STDIO)

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