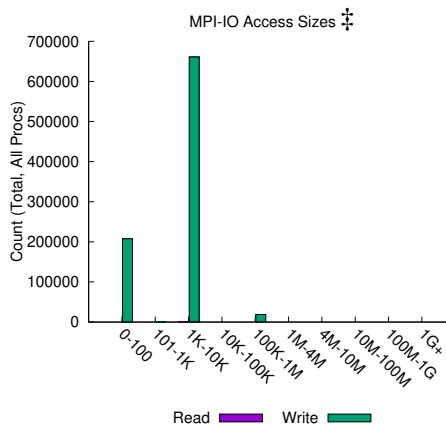
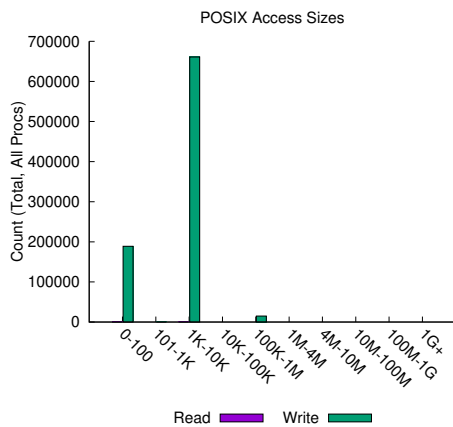
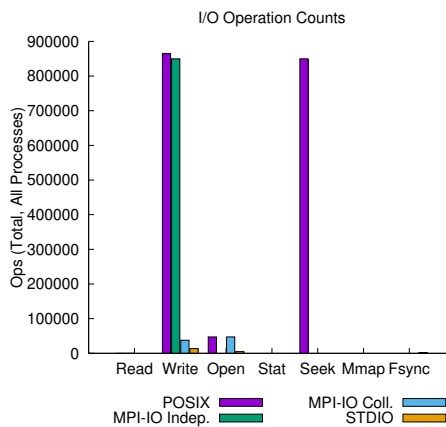
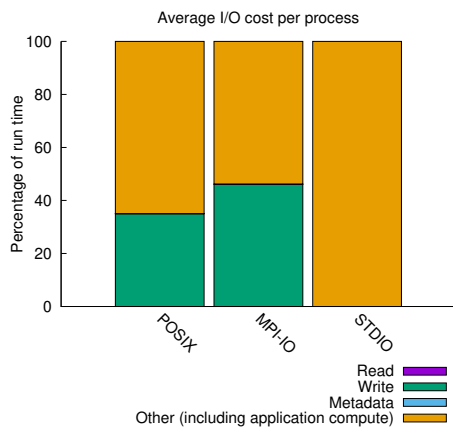


jobid: 1950915785	uid: 81587417	nprocs: 4720	runtime: 1005 seconds
-------------------	---------------	--------------	-----------------------

I/O performance *estimate* (at the MPI-IO layer): transferred **17443.1 MiB** at **26.35 MiB/s**  
 I/O performance *estimate* (at the STDIO layer): transferred **0.1 MiB** at **1673.25 MiB/s**



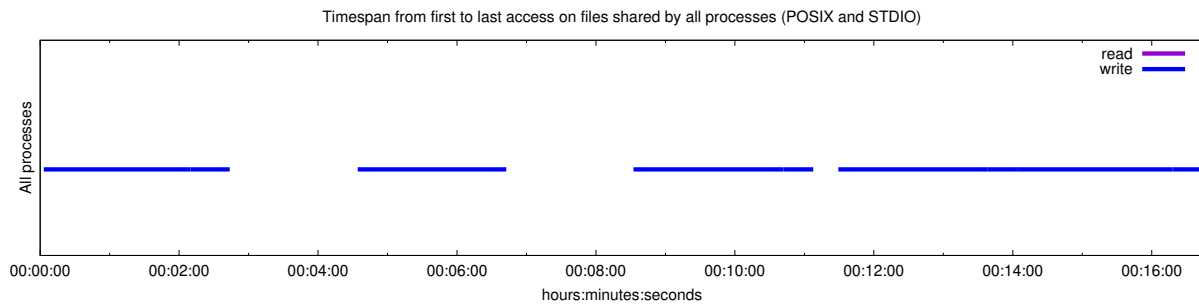
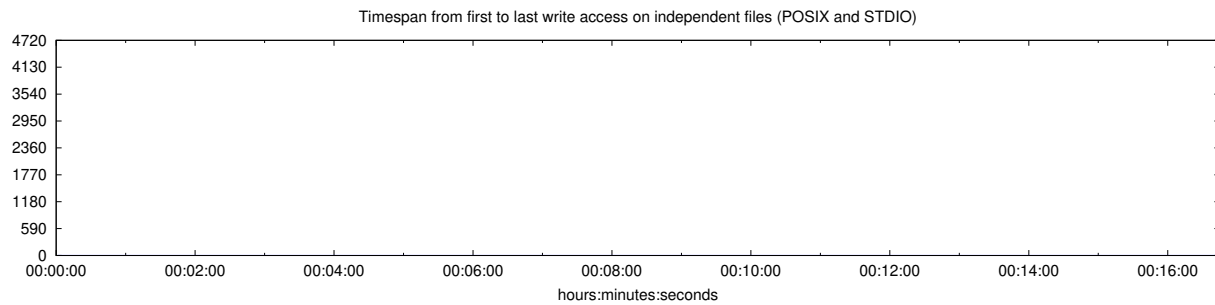
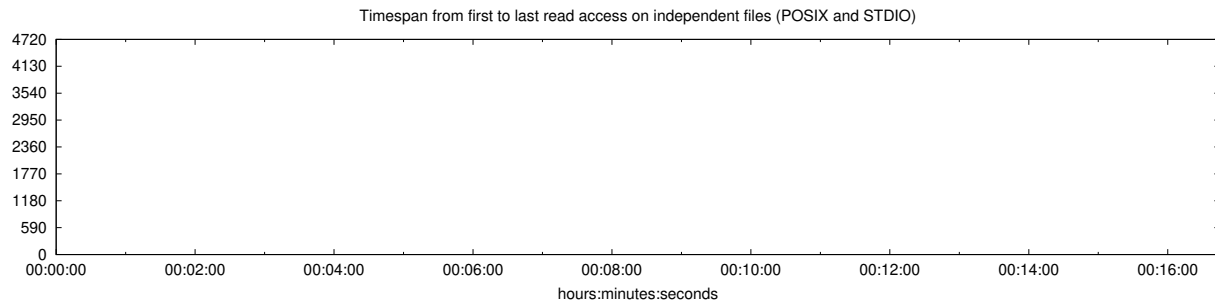
Most Common Access Sizes  
(POSIX or MPI-IO)

	access size	count
POSIX	4096	660800
	64	47200
	68	47200
	24	23500
MPI-IO ‡	4096	660801
	64	47200
	68	47200
	24	23500

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

type	number of files	avg. size	max size
total opened	13	1.4G	3.7G
read-only files	1	2.1K	2.1K
write-only files	11	1.6G	3.7G
read/write files	0	0	0
created files	11	1.6G	3.7G

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

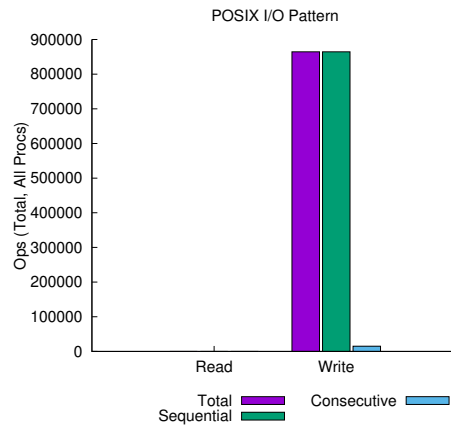


#### Average I/O per process (POSIX and STDIO)

	Cumulative time spent in I/O functions (seconds)	Amount of I/O (MB)
Independent reads	0	0
Independent writes	-4.97520245677966	3.07652909876937e-05
Independent metadata	9.4978813559322e-07	N/A
Shared reads	7.58474576271186e-08	4.33194435248941e-07
Shared writes	351.779350835593	3.69557456404476
Shared metadata	0.523836218432203	N/A

#### Data Transfer Per Filesystem (POSIX and STDIO)

File System	Write		Read	
	MiB	Ratio	MiB	Ratio
/global/u2	0.00172	0.00000	0.00204	1.00000
/global/cscratch1	17443.11194	0.99999	0.00000	0.00000
UNKNOWN	0.14349	0.00001	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			$\sigma$	
		Rank	Time	Bytes	Rank	Time	Bytes	Time	Bytes
...1/3008992955	4720	4671	11.103321	113K	2170	116.193366	113K	17.9	30.2
...1/1413136012	4720	4653	15.146866	113K	2846	113.061995	113K	18.3	30.2
...1/2658029781	4720	4653	12.032638	113K	133	107.299659	113K	14	30.2
...h1/611626476	4720	4653	9.656681	113K	147	106.933986	113K	14	30.2
...h1/387910556	4720	4715	15.904428	113K	3225	105.009442	113K	13.5	30.2
...1/1481264328	4720	906	0.000148	0	0	21.277659	3.7G	0.31	5.67e+07
...1/3424049457	4720	421	0.000831	0	0	20.902069	3.7G	0.304	5.67e+07
...1/2399574555	4720	2356	0.000753	0	0	20.756240	3.7G	0.302	5.67e+07
...1/2624041883	4720	2362	0.000738	0	0	20.744534	3.7G	0.302	5.67e+07
...u2/667669153	4720	0	0.011353	2.1K	136	0.800817	0	0.127	31.2