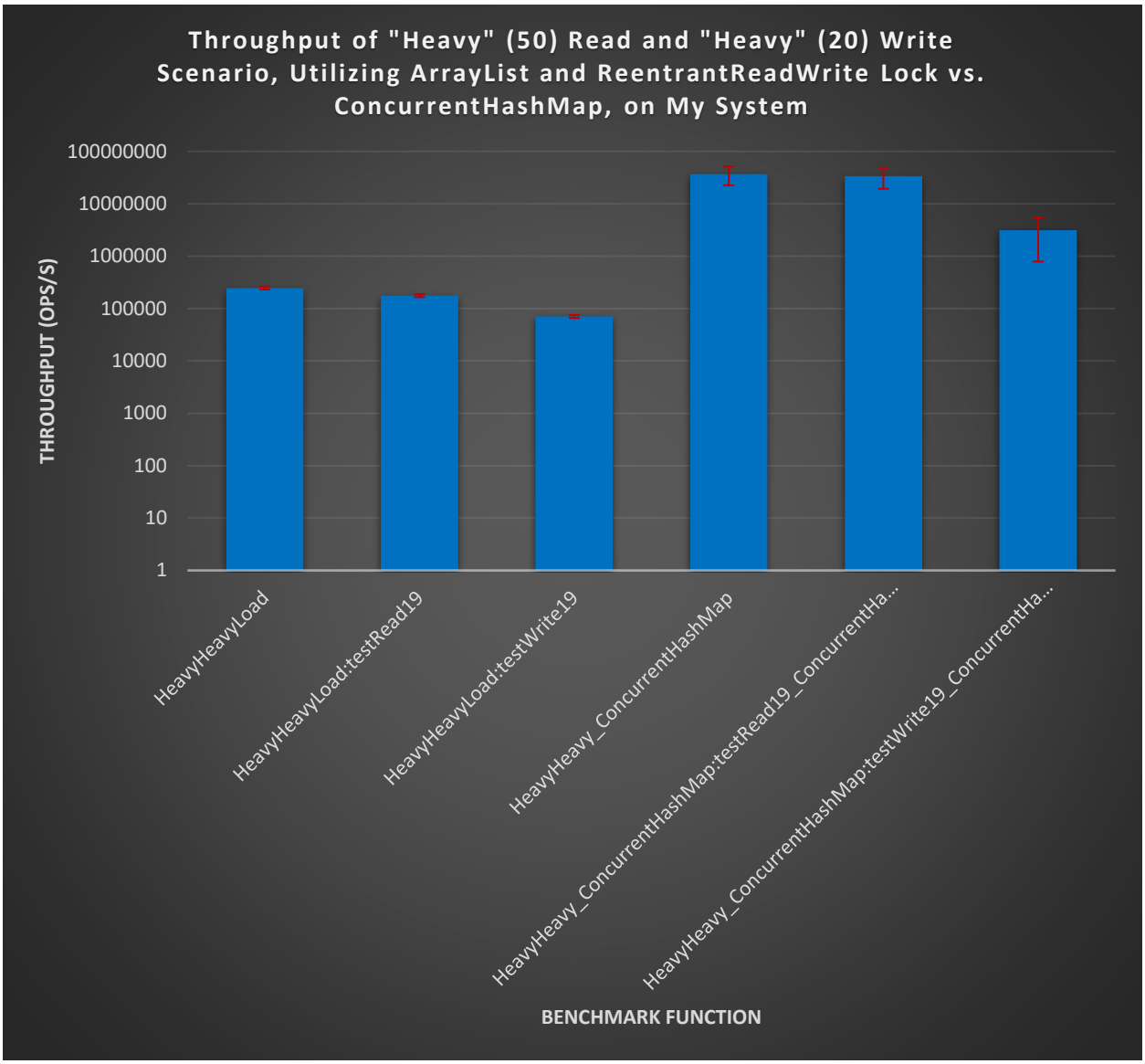
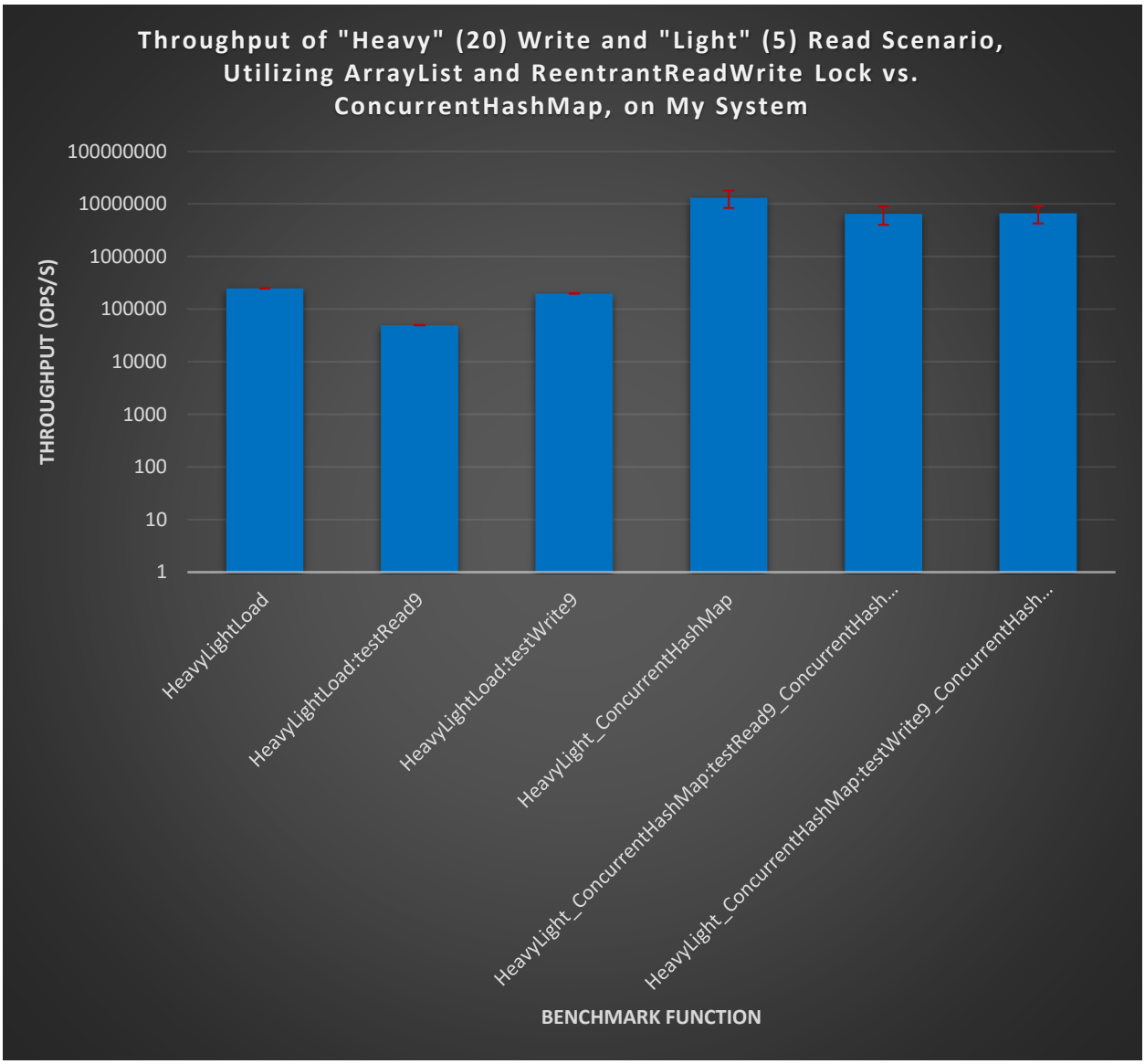
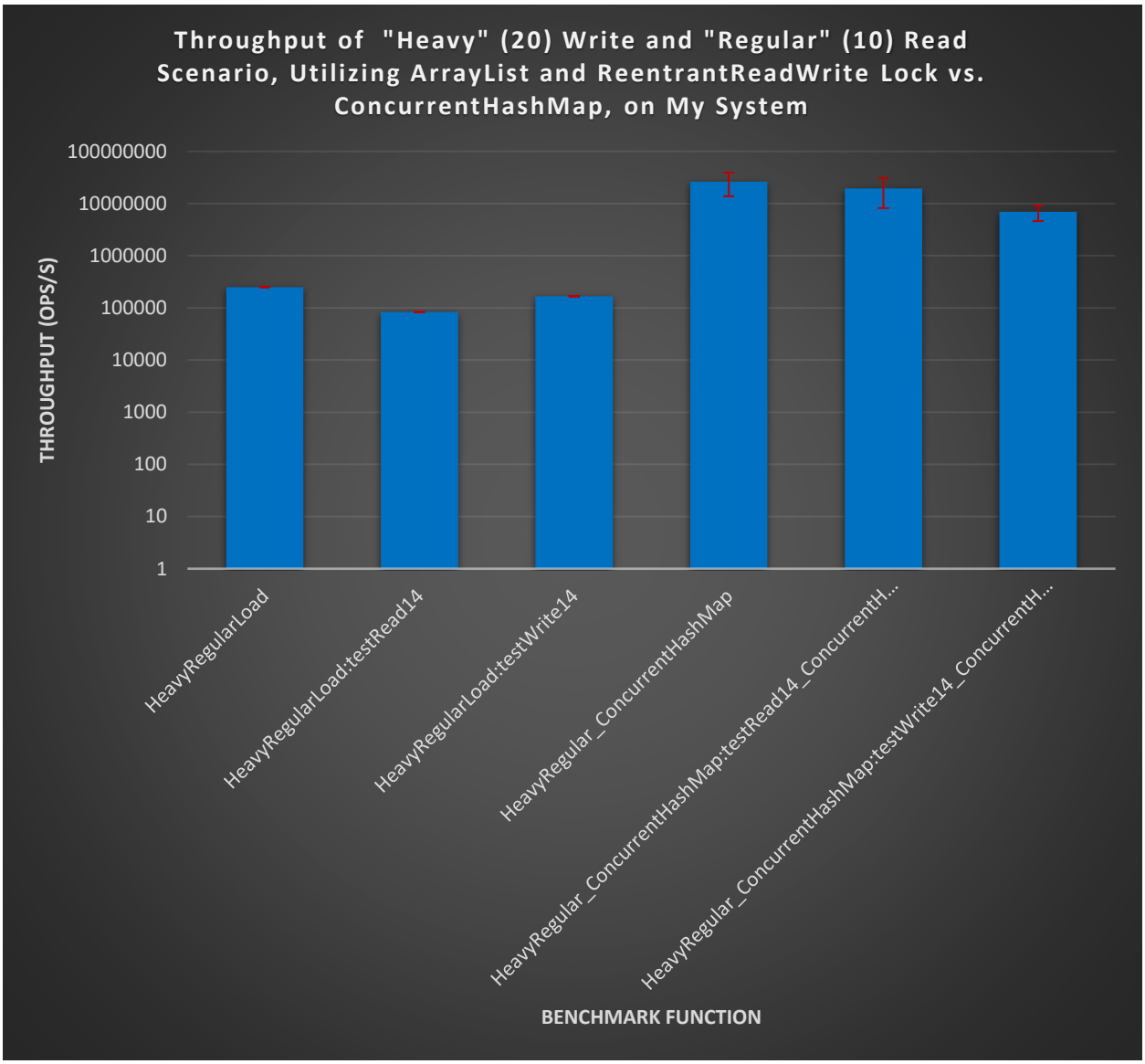
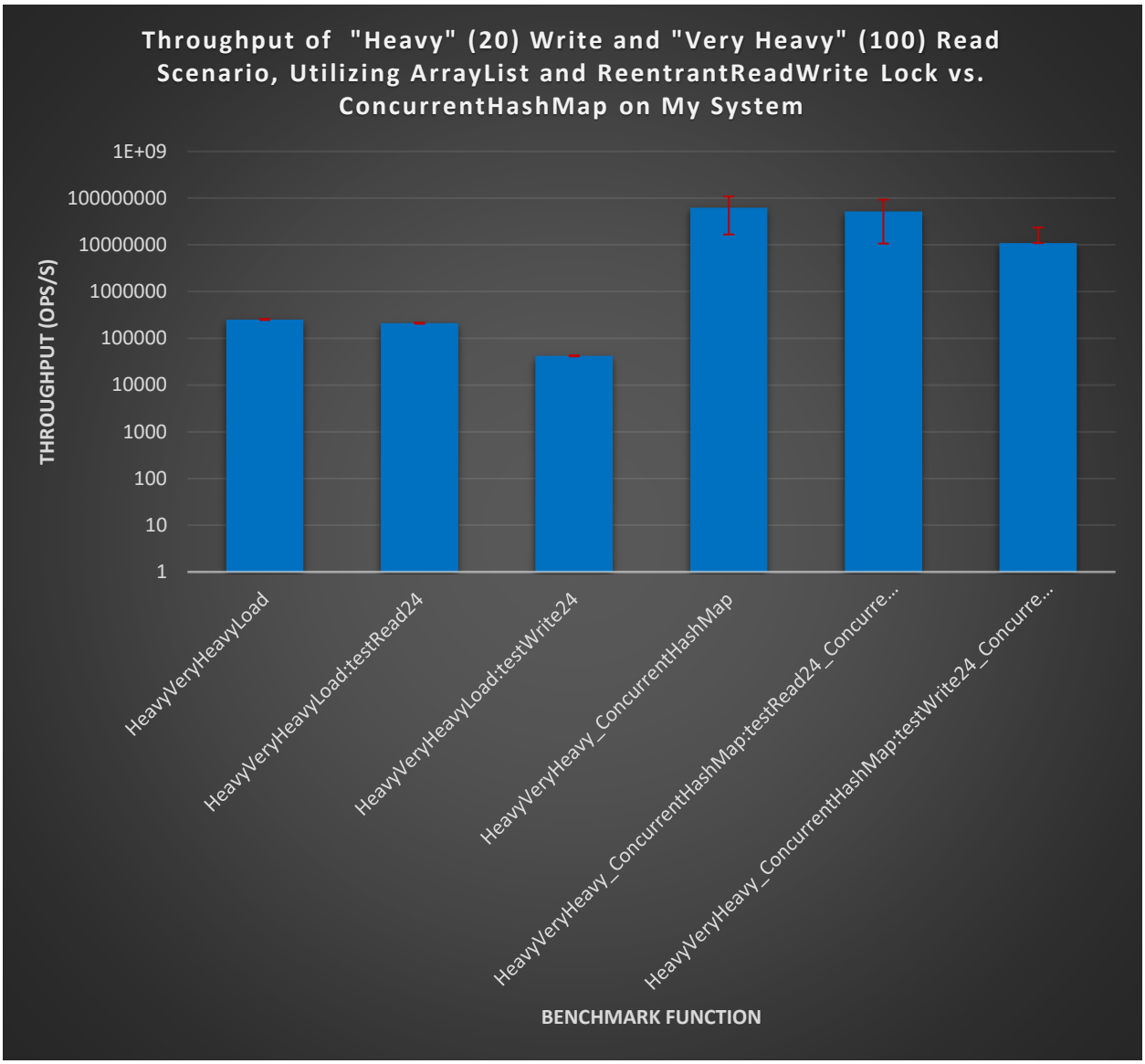
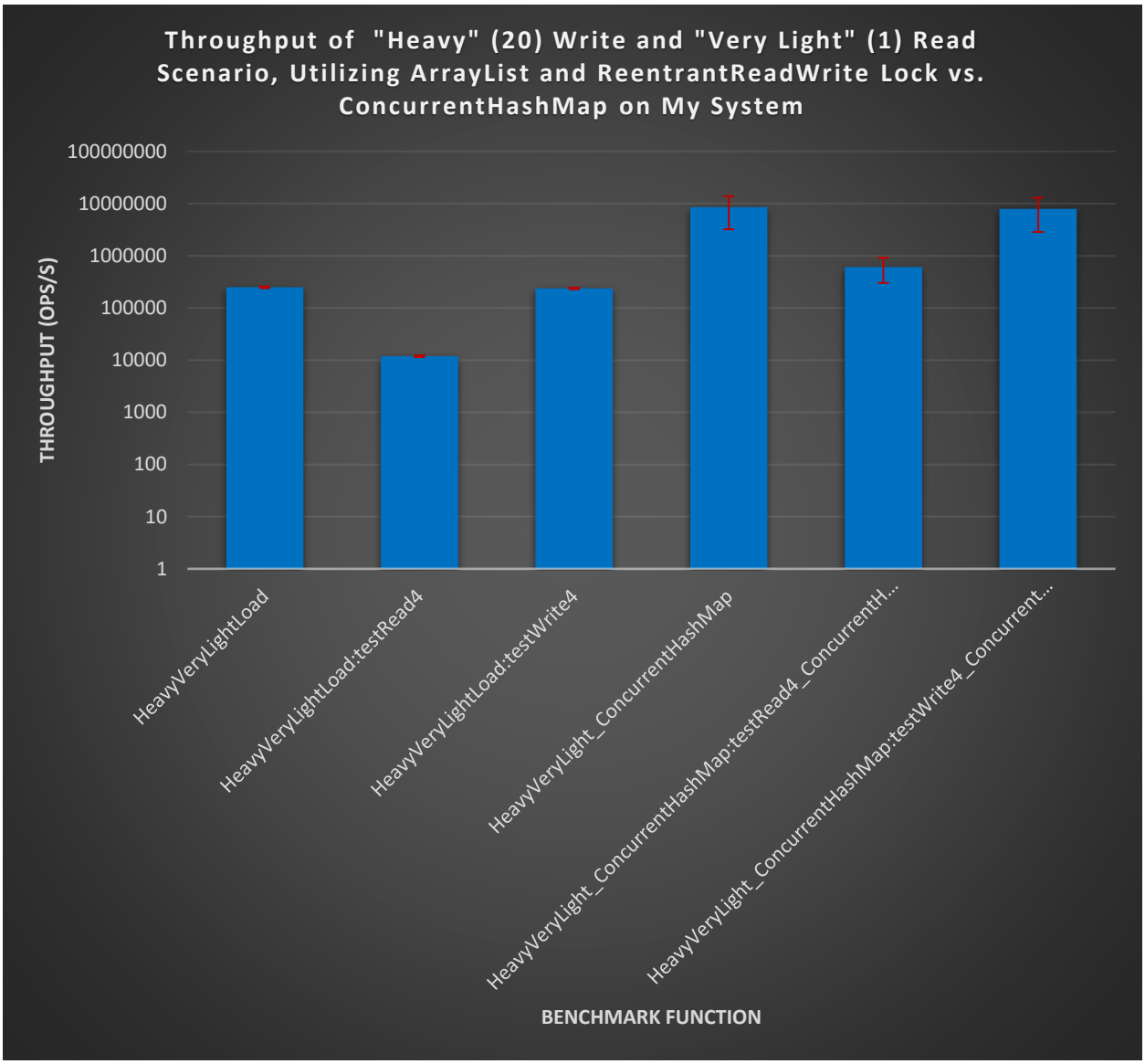
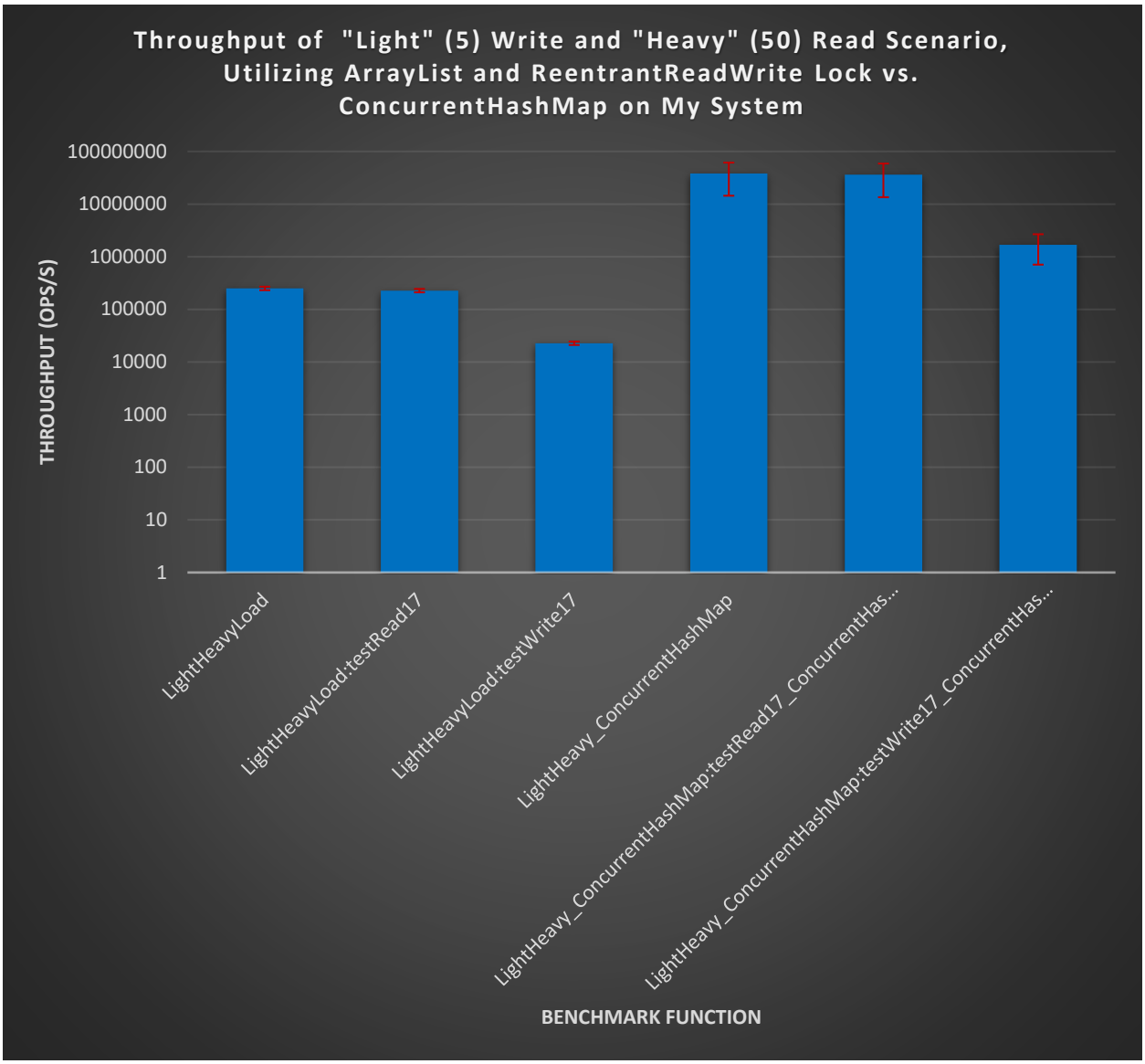

Throughput of "Heavy" (50) Read and "Heavy" (20) Write Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap, on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
HeavyHeavyLoad
HeavyHeavyLoad:testRead19
HeavyHeavyLoad:testWrite19
HeavyHeavy_ConcurrentHashMap
HeavyHeavy_ConcurrentHashMap:testRead19_ConcurrentHa...
HeavyHeavy_ConcurrentHashMap:testWrite19_ConcurrentHa...
BENCHMARK FUNCTION

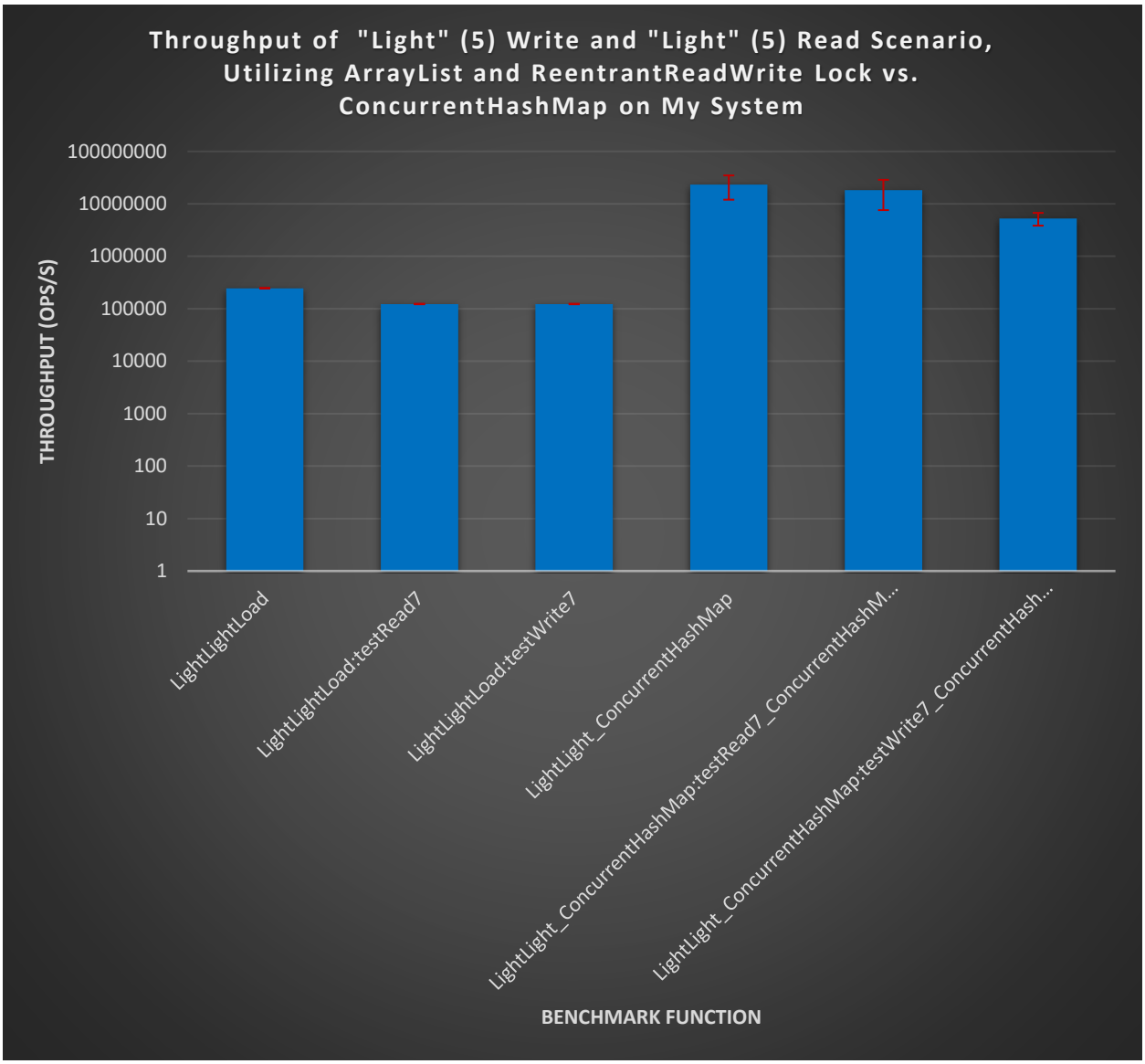

Throughput of "Heavy" (20) Write and "Light" (5) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap, on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
HeavyLightLoad
HeavyLightLoad:testRead9
HeavyLightLoad:testWrite9
HeavyLight_ConcurrentHashMap
HeavyLight_ConcurrentHashMap:testRead9_ConcurrentHash...
HeavyLight_ConcurrentHashMap:testWrite9_ConcurrentHash...
BENCHMARK FUNCTION

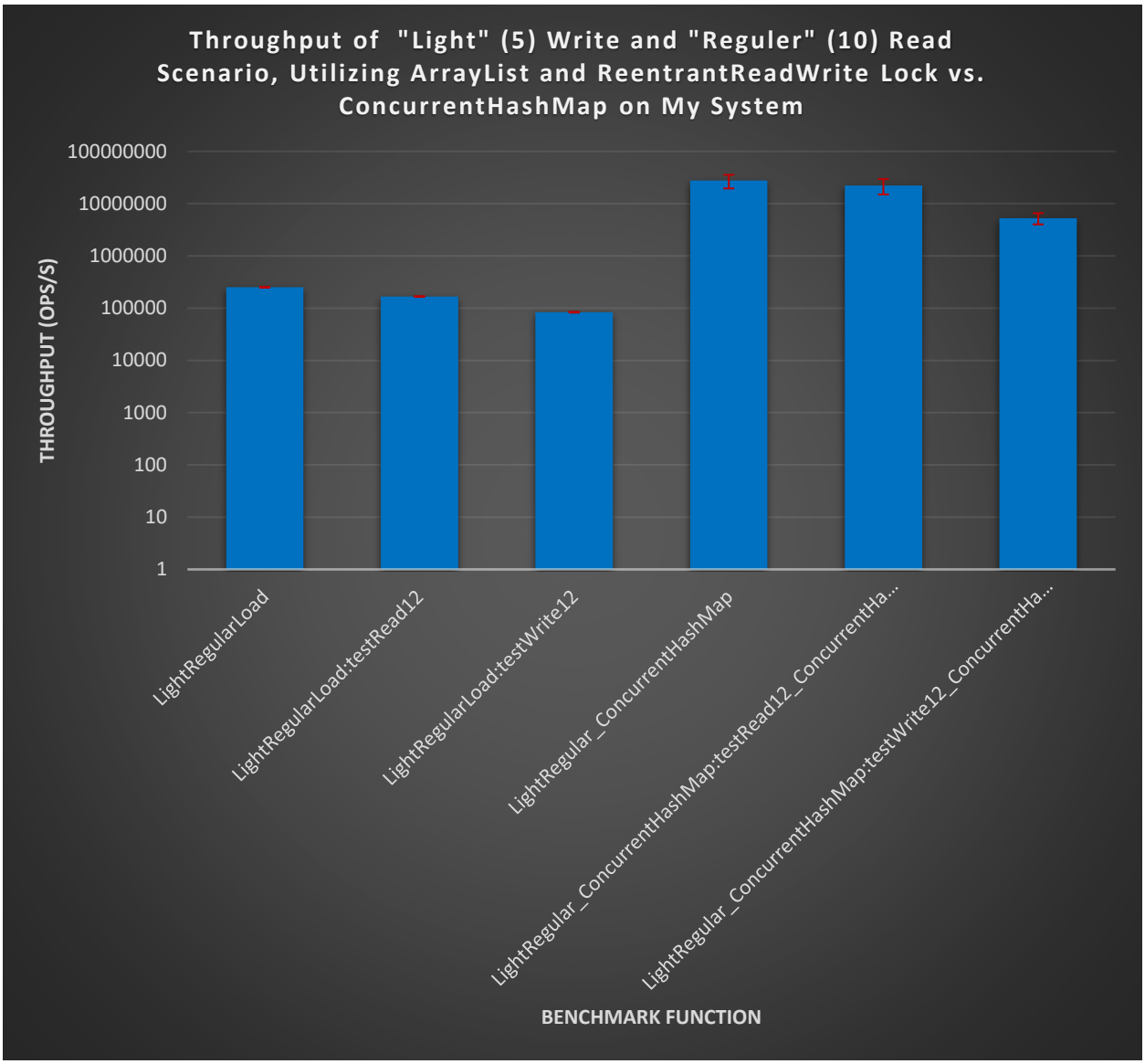

Throughput of "Heavy" (20) Write and "Regular" (10) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap, on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
HeavyRegularLoad
HeavyRegularLoad:testRead14
HeavyRegularLoad:testWrite14
HeavyRegular_ConcurrentHashMap
HeavyRegular_ConcurrentHashMap:testRead14_ConcurrentH...
HeavyRegular_ConcurrentHashMap:testWrite14_ConcurrentH...
BENCHMARK FUNCTION

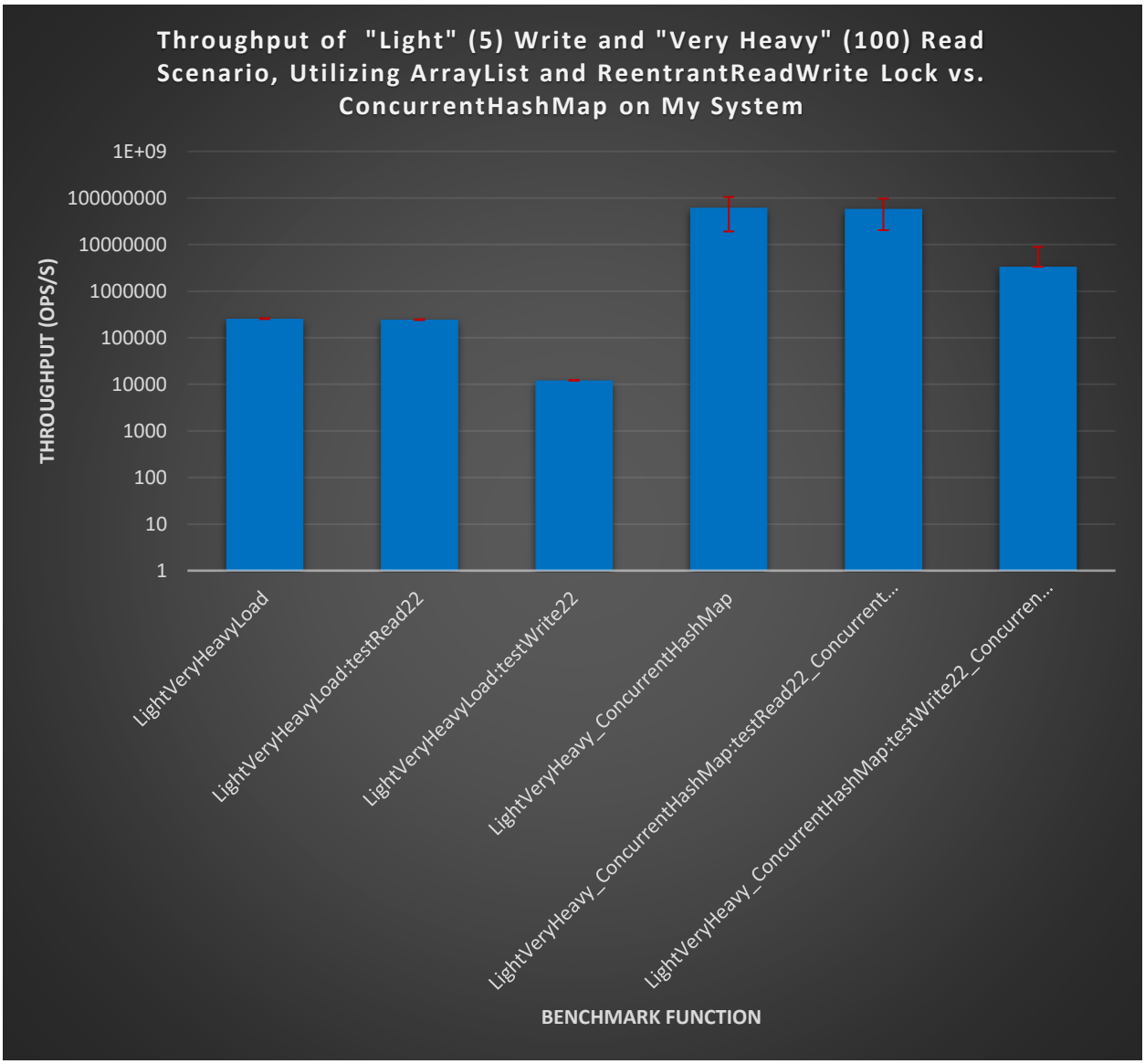

Throughput of "Heavy" (20) Write and "Very Heavy" (100) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
1E+09
100000000
10000000
1000000
100000
10000
1000
100
10
1
HeavyVeryHeavyLoad
HeavyVeryHeavyLoad:testRead24
HeavyVeryHeavyLoad:testWrite24
HeavyVeryHeavy_ConcurrentHashMap
HeavyVeryHeavy_ConcurrentHashMap:testRead24_Concurre...
HeavyVeryHeavy_ConcurrentHashMap:testWrite24_Concurre...
BENCHMARK FUNCTION

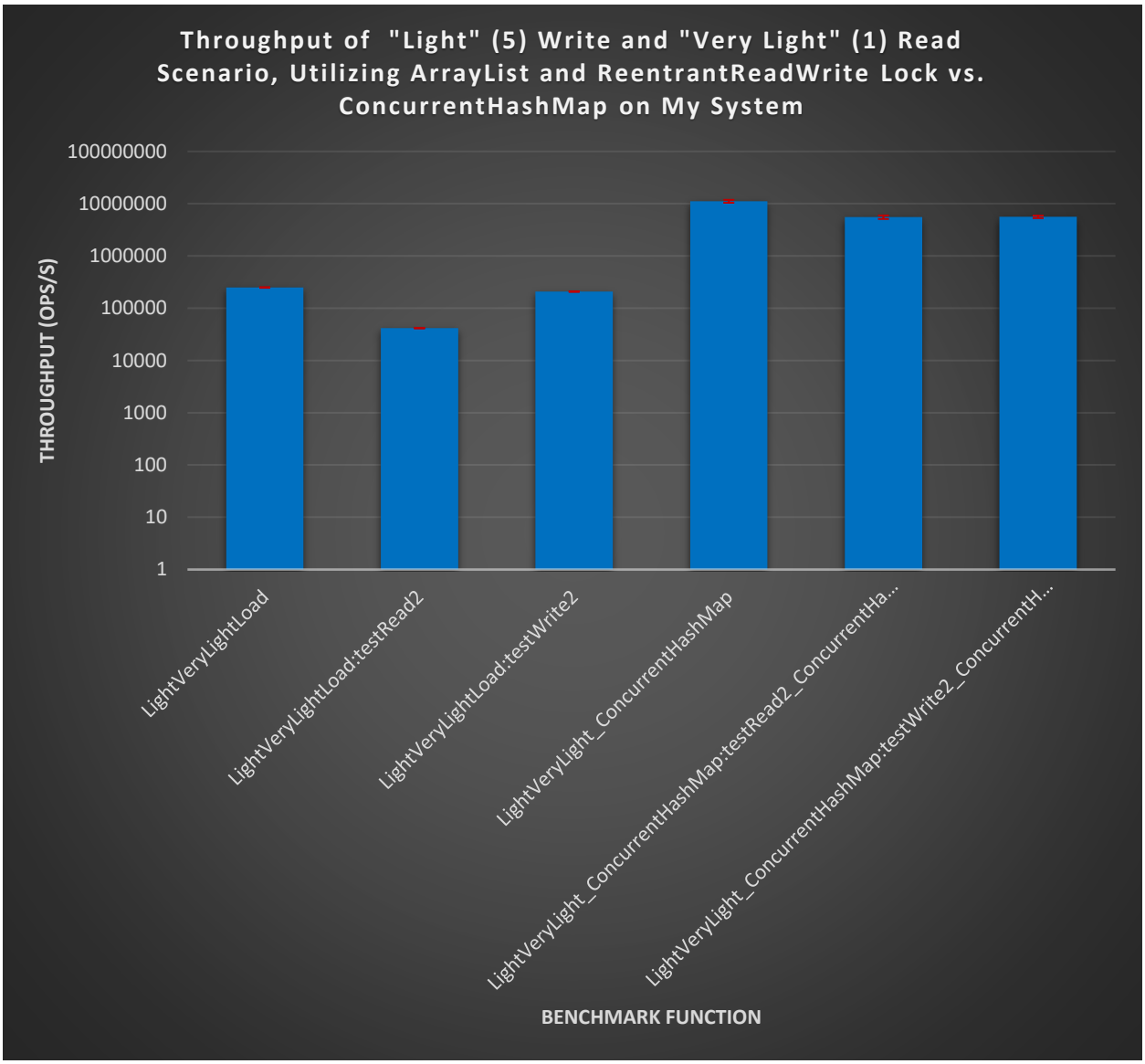

Throughput of "Heavy" (20) Write and "Very Light" (1) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
HeavyVeryLightLoad
HeavyVeryLightLoad:testRead4
HeavyVeryLightLoad:testWrite4
HeavyVeryLight_ConcurrentHashMap
HeavyVeryLight_ConcurrentHashMap:testRead4_ConcurrentH...
HeavyVeryLight_ConcurrentHashMap:testWrite4_Concurrent...
BENCHMARK FUNCTION

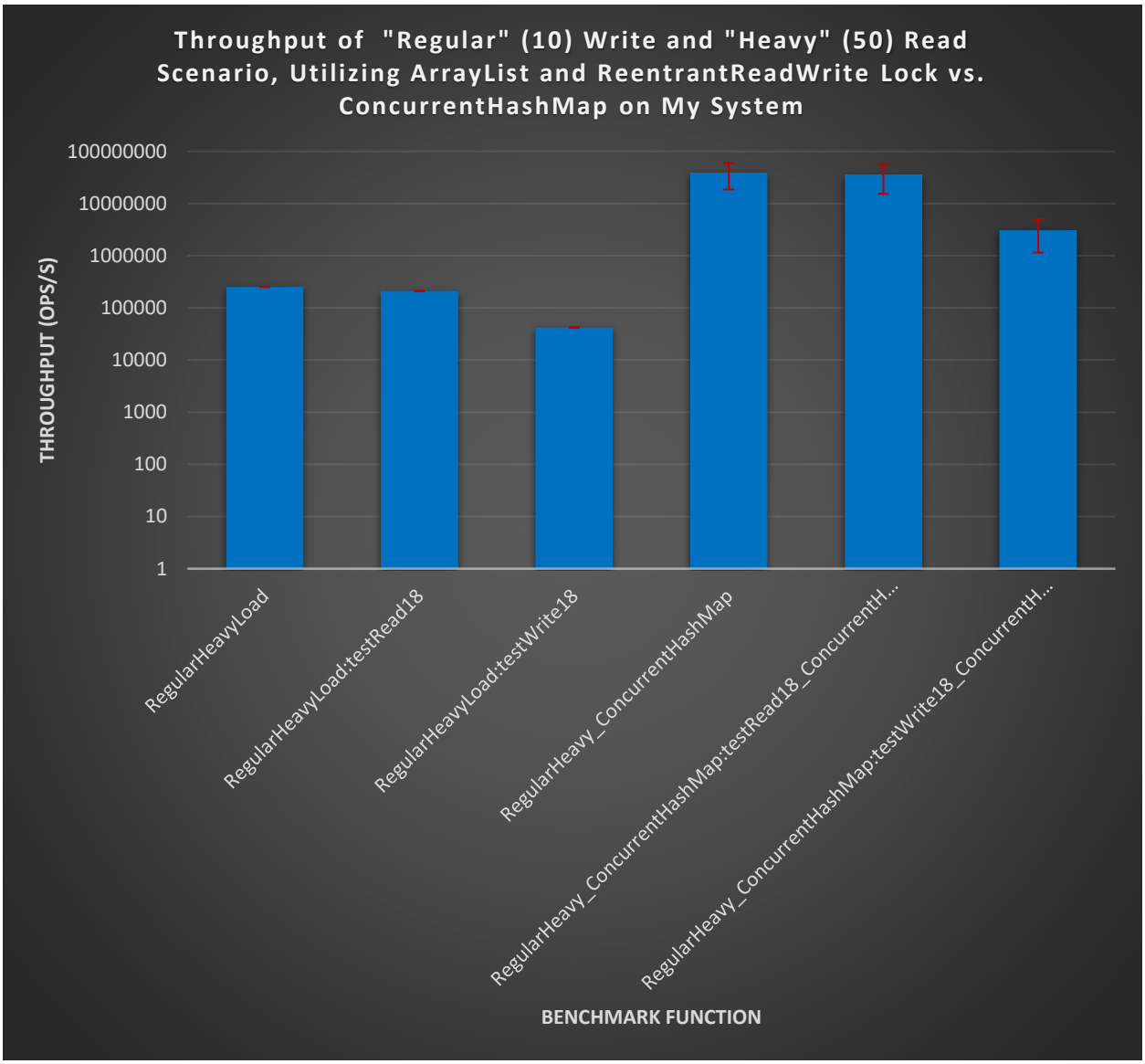

Throughput of "Light" (5) Write and "Heavy" (50) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
LightHeavyLoad
LightHeavyLoad:testRead17
LightHeavyLoad:testWrite17
LightHeavy_ConcurrentHashMap
LightHeavy_ConcurrentHashMap:testRead17_ConcurrentHas...
LightHeavy_ConcurrentHashMap:testWrite17_ConcurrentHas...
BENCHMARK FUNCTION

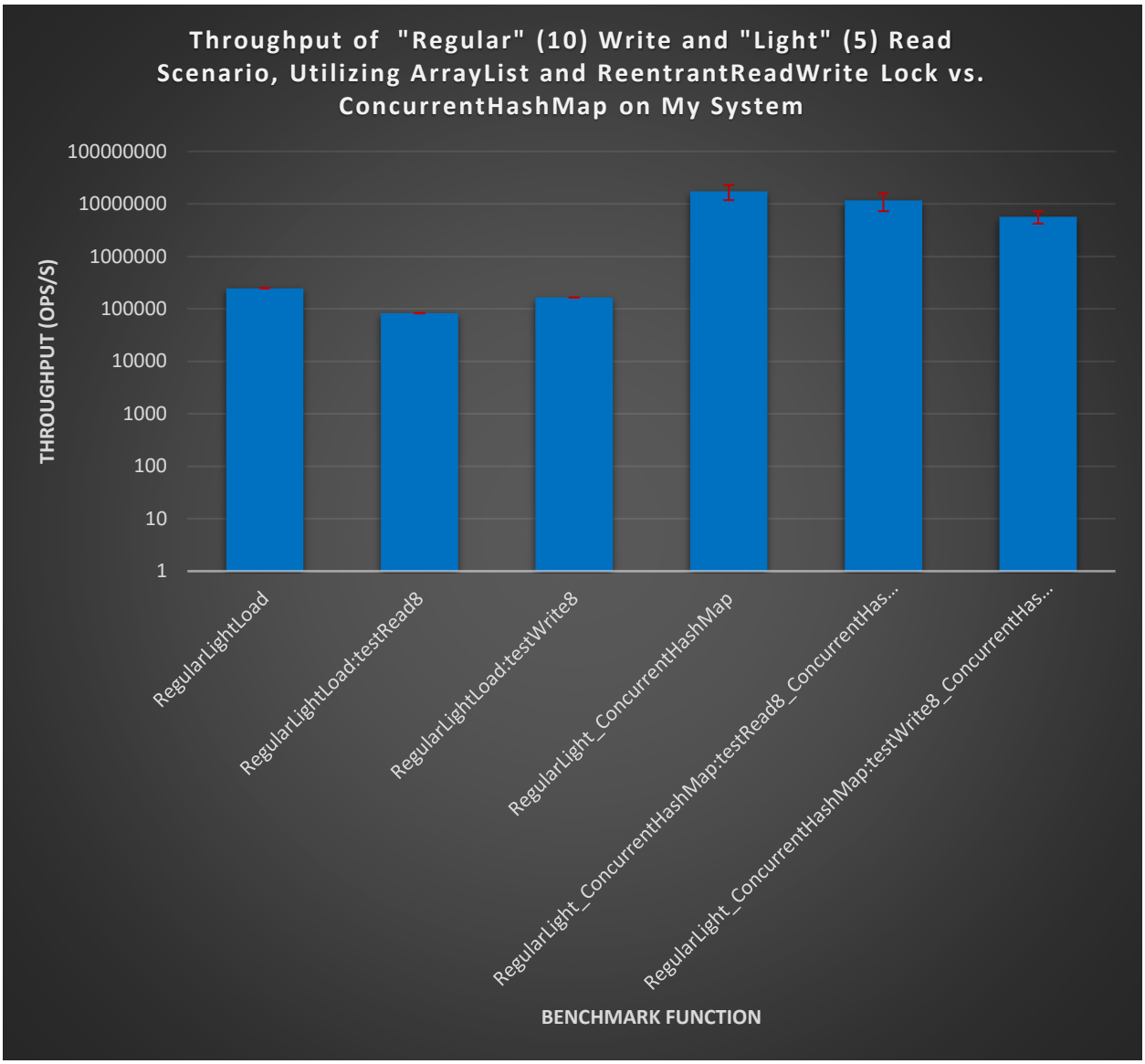

Throughput of "Light" (5) Write and "Light" (5) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
LightLightLoad
LightLightLoad:testRead7
LightLightLoad:testWrite7
LightLight_ConcurrentHashMap
LightLight_ConcurrentHashMap:testRead7_ConcurrentHashM...
LightLight_ConcurrentHashMap:testWrite7_ConcurrentHash...
BENCHMARK FUNCTION

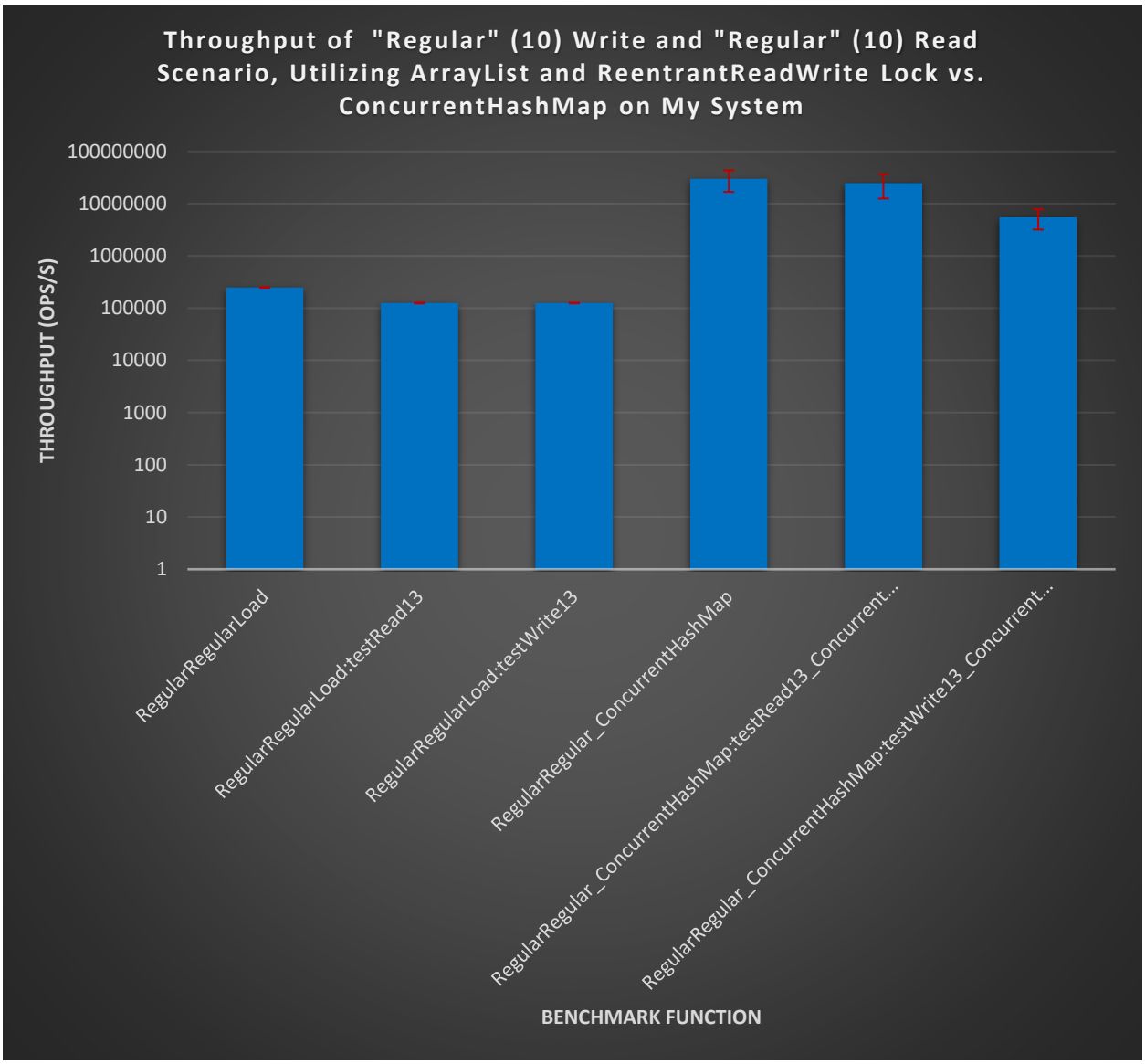

Throughput of "Light" (5) Write and "Reguler" (10) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
LightRegularLoad
LightRegularLoad:testRead12
LightRegularLoad:testWrite12
LightRegular_ConcurrentHashMap
LightRegular_ConcurrentHashMap:testRead12_ConcurrentHa...
LightRegular_ConcurrentHashMap:testWrite12_ConcurrentHa...
BENCHMARK FUNCTION

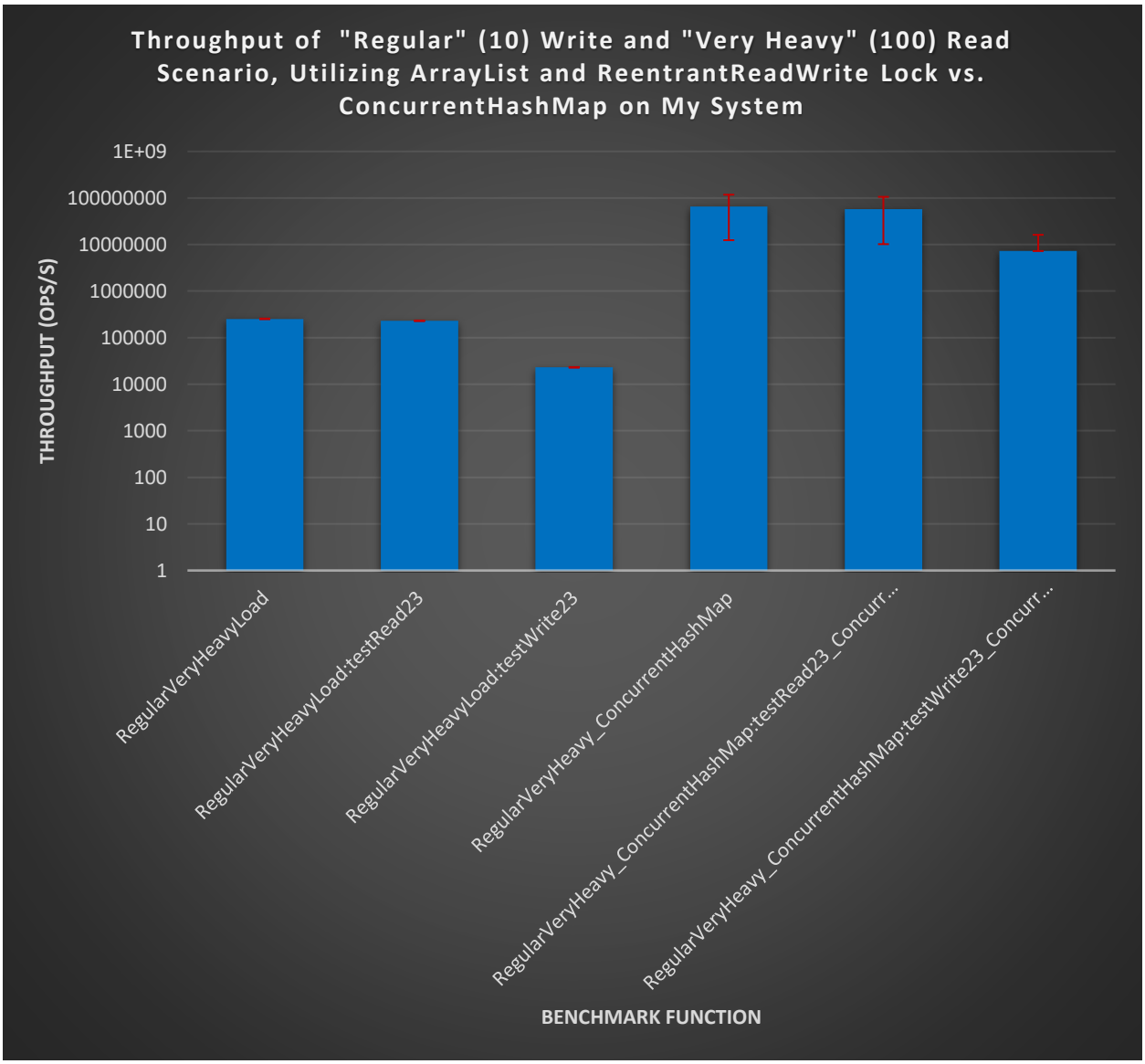

Throughput of "Light" (5) Write and "Very Heavy" (100) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
1E+09
100000000
10000000
1000000
100000
10000
1000
100
10
1
LightVeryHeavyLoad
LightVeryHeavyLoad:testRead22
LightVeryHeavyLoad:testWrite22
LightVeryHeavy_ConcurrentHashMap
LightVeryHeavy_ConcurrentHashMap:testRead22_Concurrent...
LightVeryHeavy_ConcurrentHashMap:testWrite22_Concurren...
BENCHMARK FUNCTION

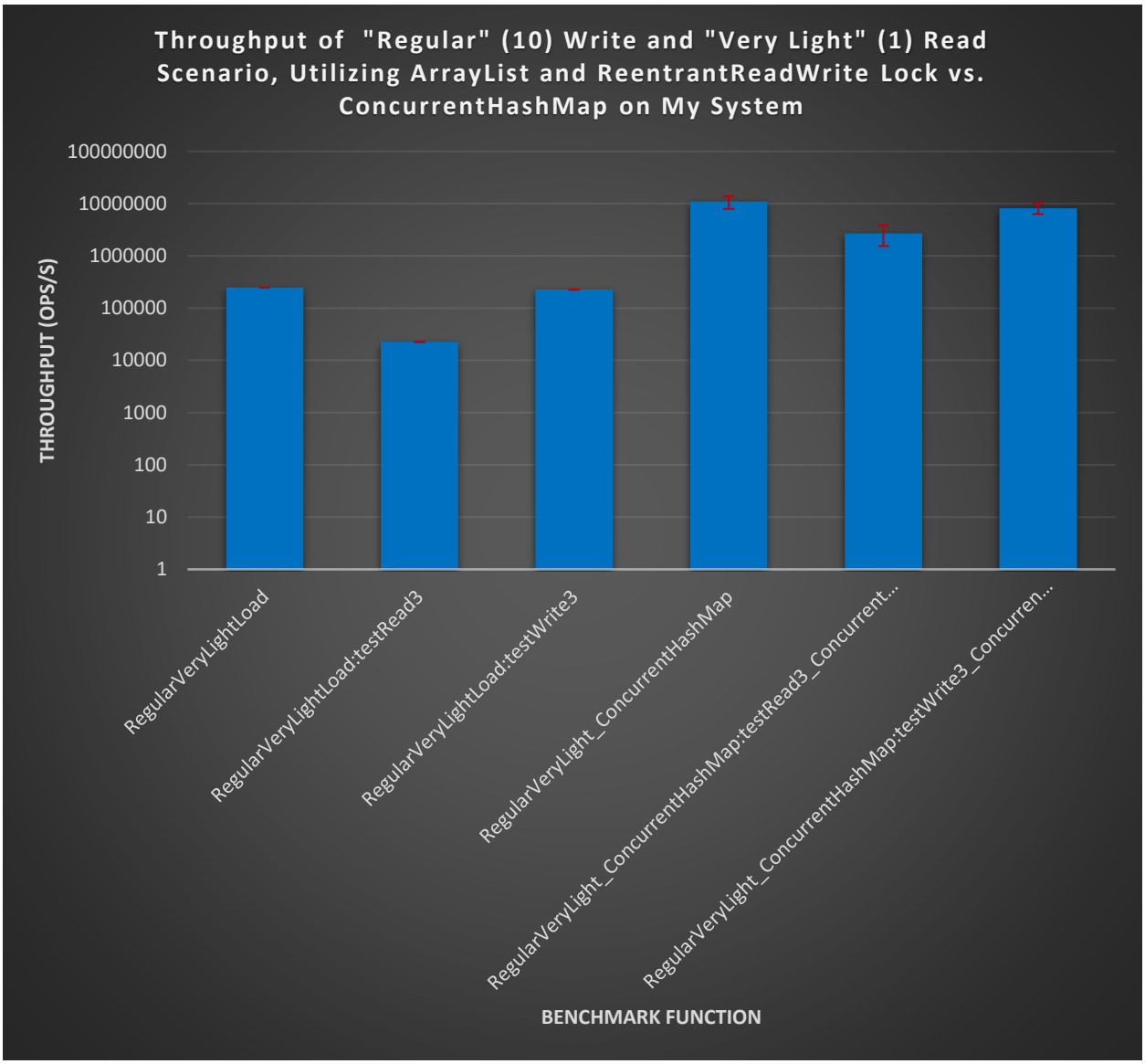

Throughput of "Light" (5) Write and "Very Light" (1) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
LightVeryLightLoad
LightVeryLightLoad:testRead2
LightVeryLightLoad:testWrite2
LightVeryLight_ConcurrentHashMap
LightVeryLight_ConcurrentHashMap:testRead2_ConcurrentHa...
LightVeryLight_ConcurrentHashMap:testWrite2_ConcurrentH...
BENCHMARK FUNCTION

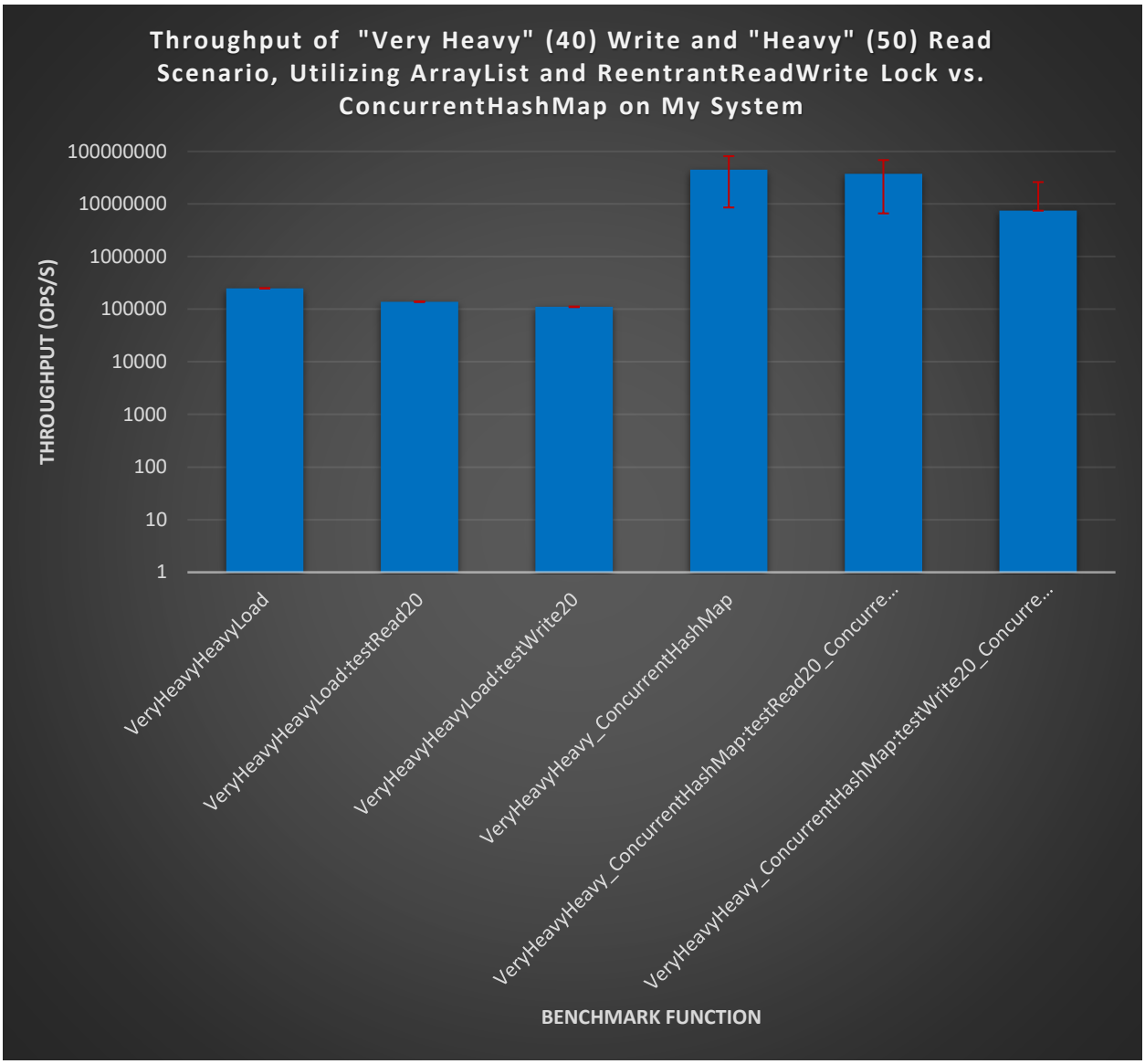

Throughput of "Regular" (10) Write and "Heavy" (50) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
RegularHeavyLoad
RegularHeavyLoad:testRead18
RegularHeavyLoad:testWrite18
RegularHeavy_ConcurrentHashMap
RegularHeavy_ConcurrentHashMap:testRead18_ConcurrentH...
RegularHeavy_ConcurrentHashMap:testWrite18_ConcurrentH...
BENCHMARK FUNCTION

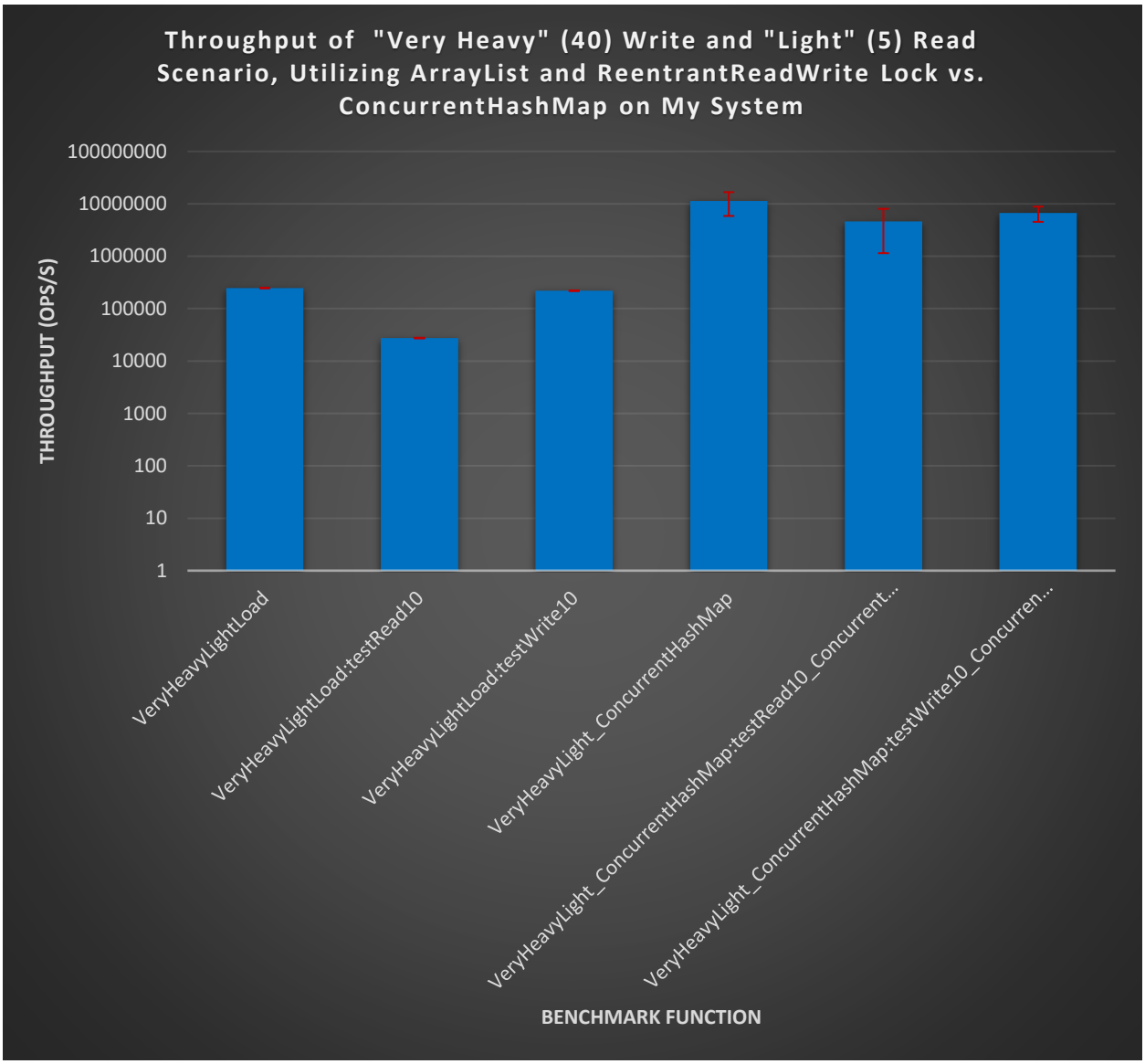

Throughput of "Regular" (10) Write and "Light" (5) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
RegularLightLoad
RegularLightLoad:testRead8
RegularLightLoad:testWrite8
RegularLight_ConcurrentHashMap
RegularLight_ConcurrentHashMap:testRead8_ConcurrentHas...
RegularLight_ConcurrentHashMap:testWrite8_ConcurrentHas...
BENCHMARK FUNCTION

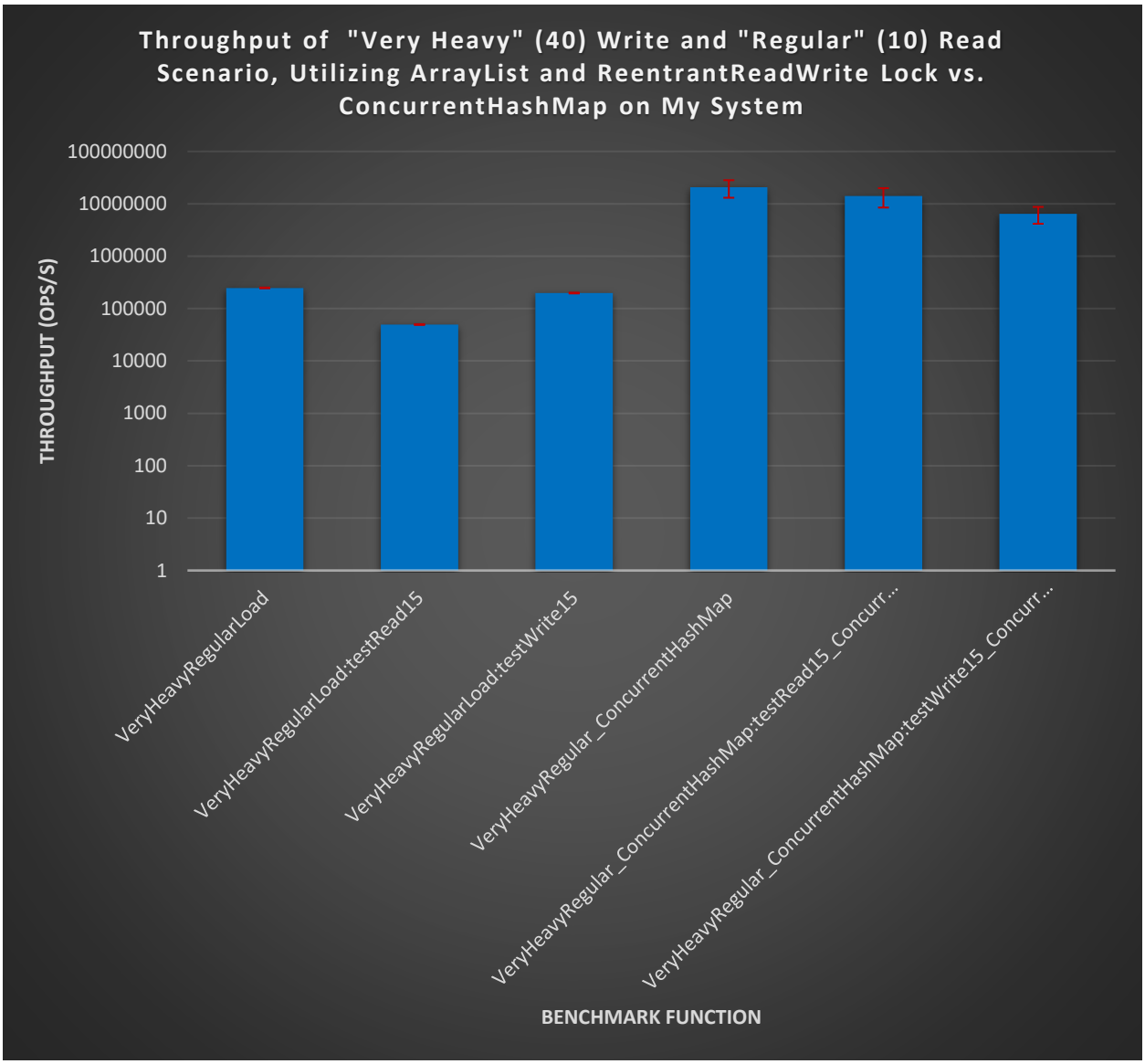

Throughput of "Regular" (10) Write and "Regular" (10) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
RegularRegularLoad
RegularRegularLoad:testRead13
RegularRegularLoad:testWrite13
RegularRegular_ConcurrentHashMap
RegularRegular_ConcurrentHashMap:testRead13_Concurrent...
RegularRegular_ConcurrentHashMap:testWrite13_Concurrent...
BENCHMARK FUNCTION

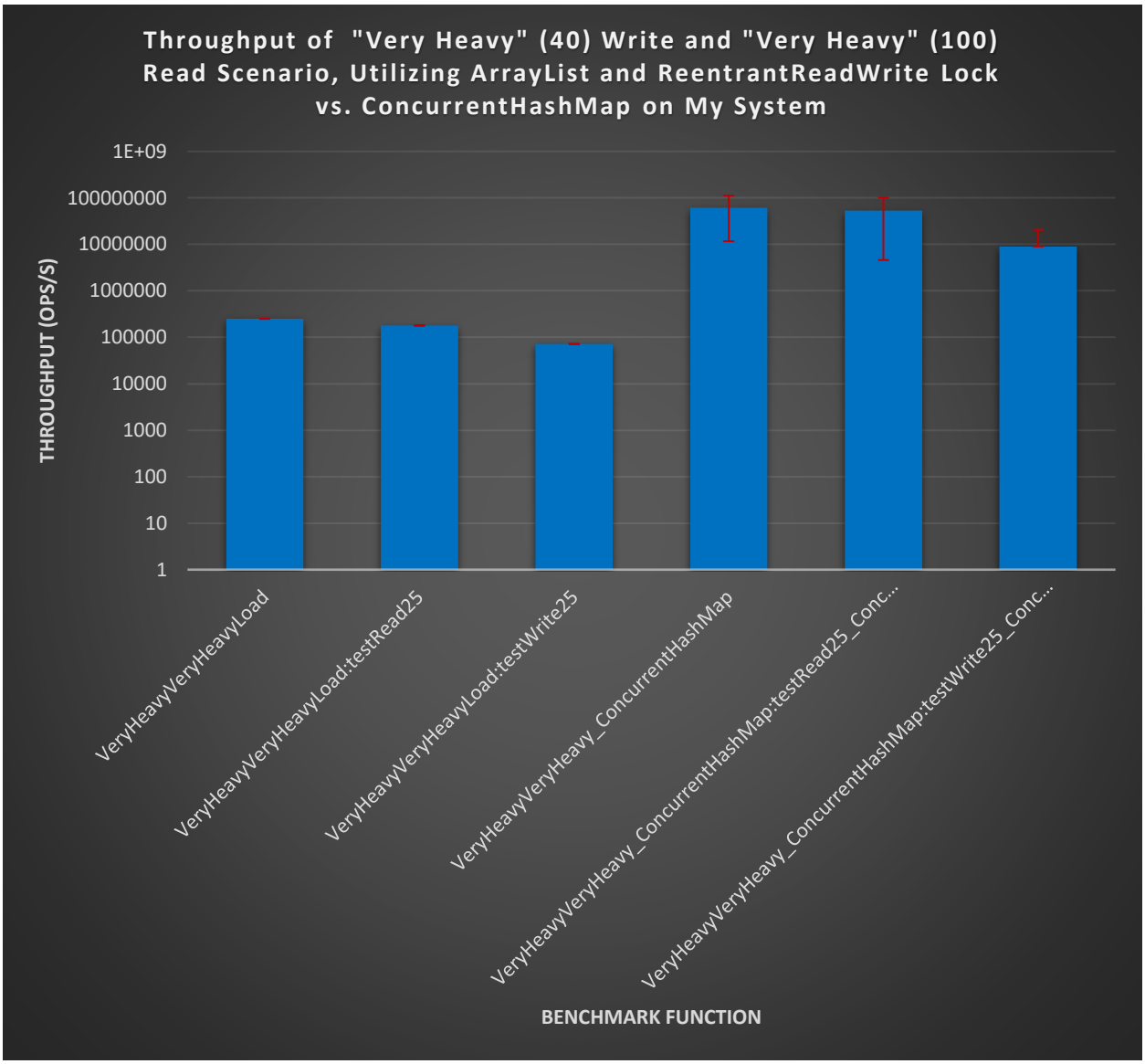

Throughput of "Regular" (10) Write and "Very Heavy" (100) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
1E+09
100000000
10000000
1000000
100000
10000
1000
100
10
1
RegularVeryHeavyLoad
RegularVeryHeavyLoad:testRead23
RegularVeryHeavyLoad:testWrite23
RegularVeryHeavy_ConcurrentHashMap
RegularVeryHeavy_ConcurrentHashMap:testRead23_Concurr...
RegularVeryHeavy_ConcurrentHashMap:testWrite23_Concurr...
BENCHMARK FUNCTION

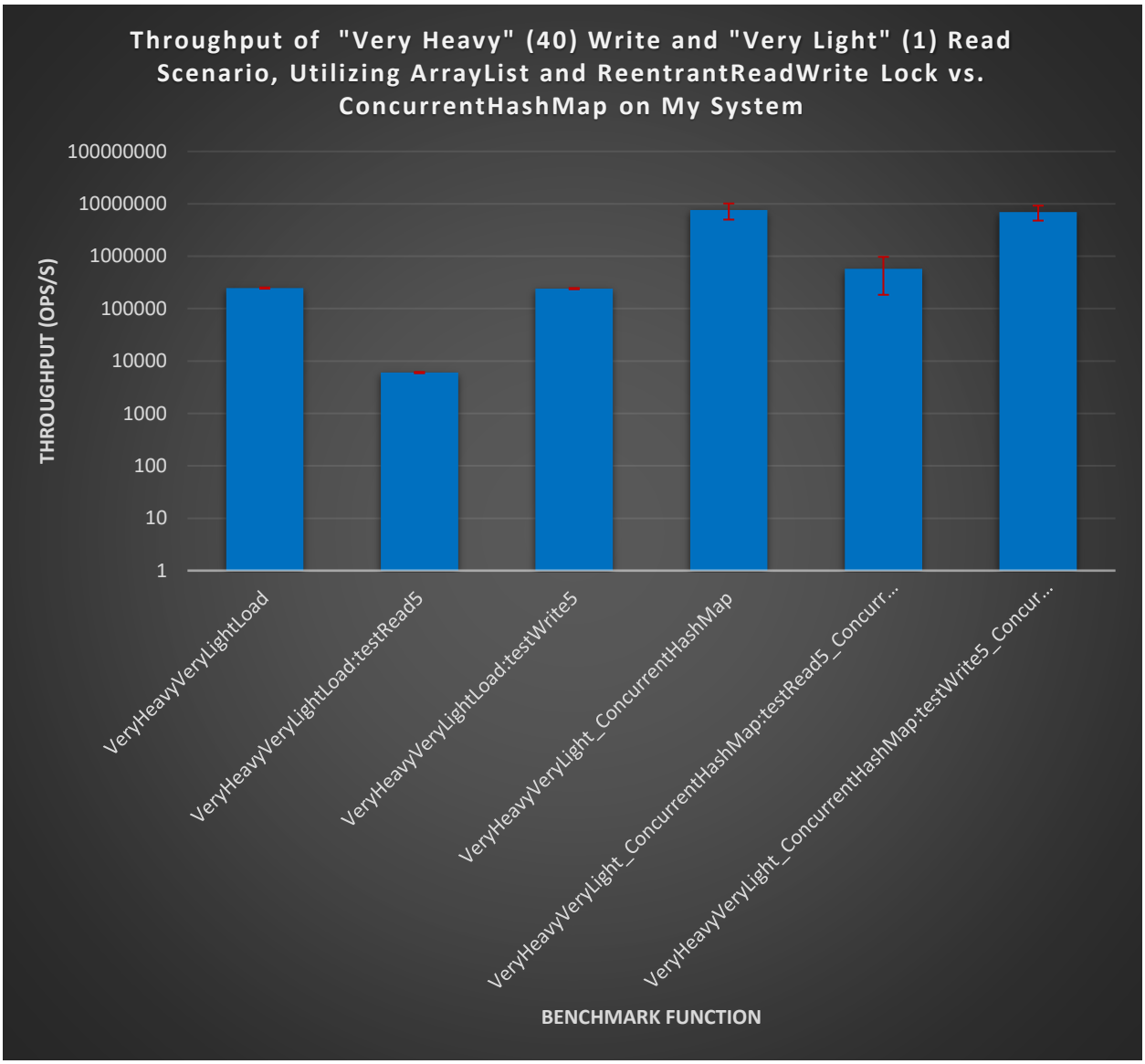

Throughput of "Regular" (10) Write and "Very Light" (1) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
RegularVeryLightLoad
RegularVeryLightLoad:testRead3
RegularVeryLightLoad:testWrite3
RegularVeryLight_ConcurrentHashMap
RegularVeryLight_ConcurrentHashMap:testRead3_Concurrent...
RegularVeryLight_ConcurrentHashMap:testWrite3_Concurren...
BENCHMARK FUNCTION

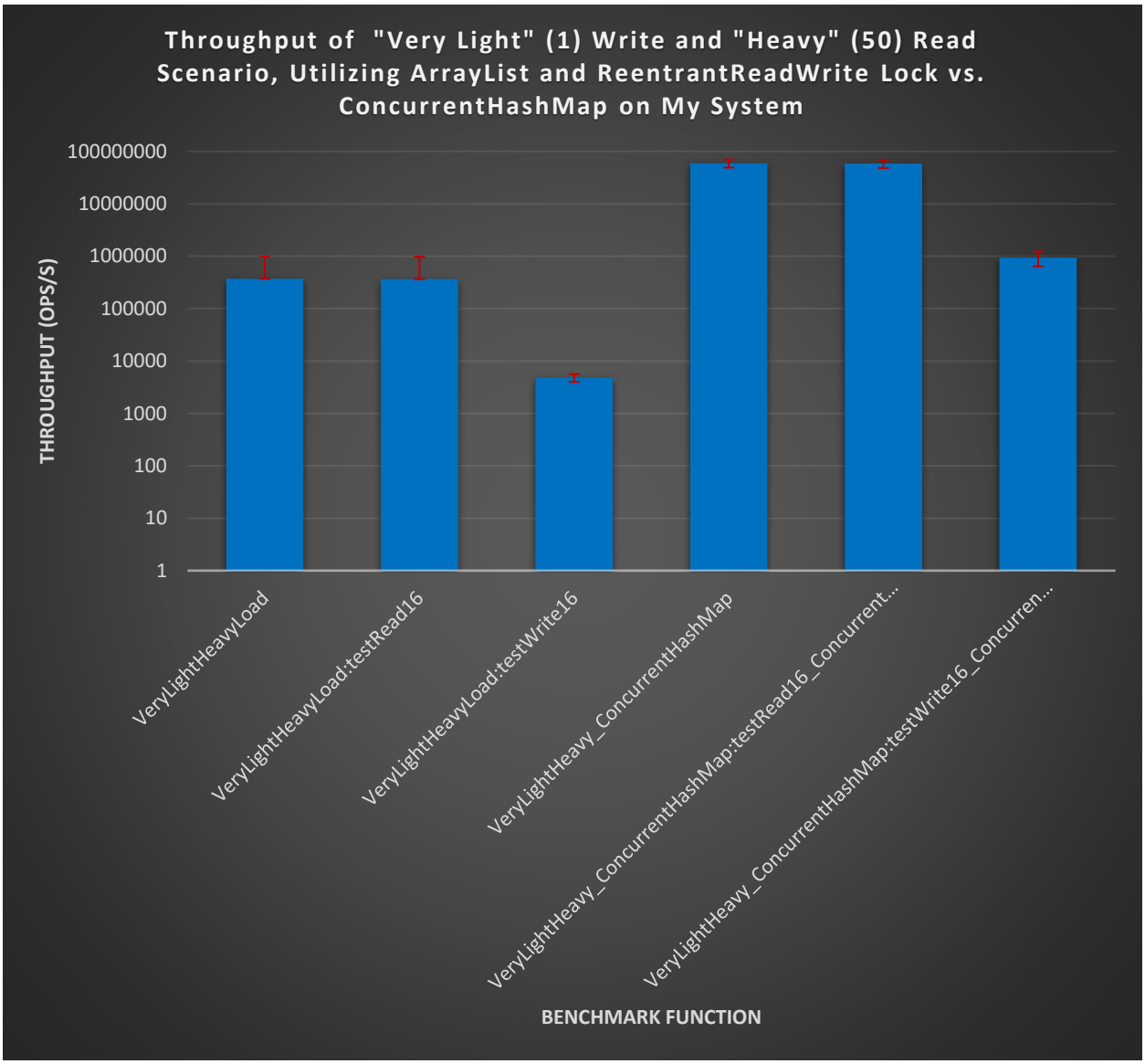

Throughput of "Very Heavy" (40) Write and "Heavy" (50) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryHeavyHeavyLoad
VeryHeavyHeavyLoad:testRead20
VeryHeavyHeavyLoad:testWrite20
VeryHeavyHeavy_ConcurrentHashMap
VeryHeavyHeavy_ConcurrentHashMap:testRead20_Concurre...
VeryHeavyHeavy_ConcurrentHashMap:testWrite20_Concurre...
BENCHMARK FUNCTION

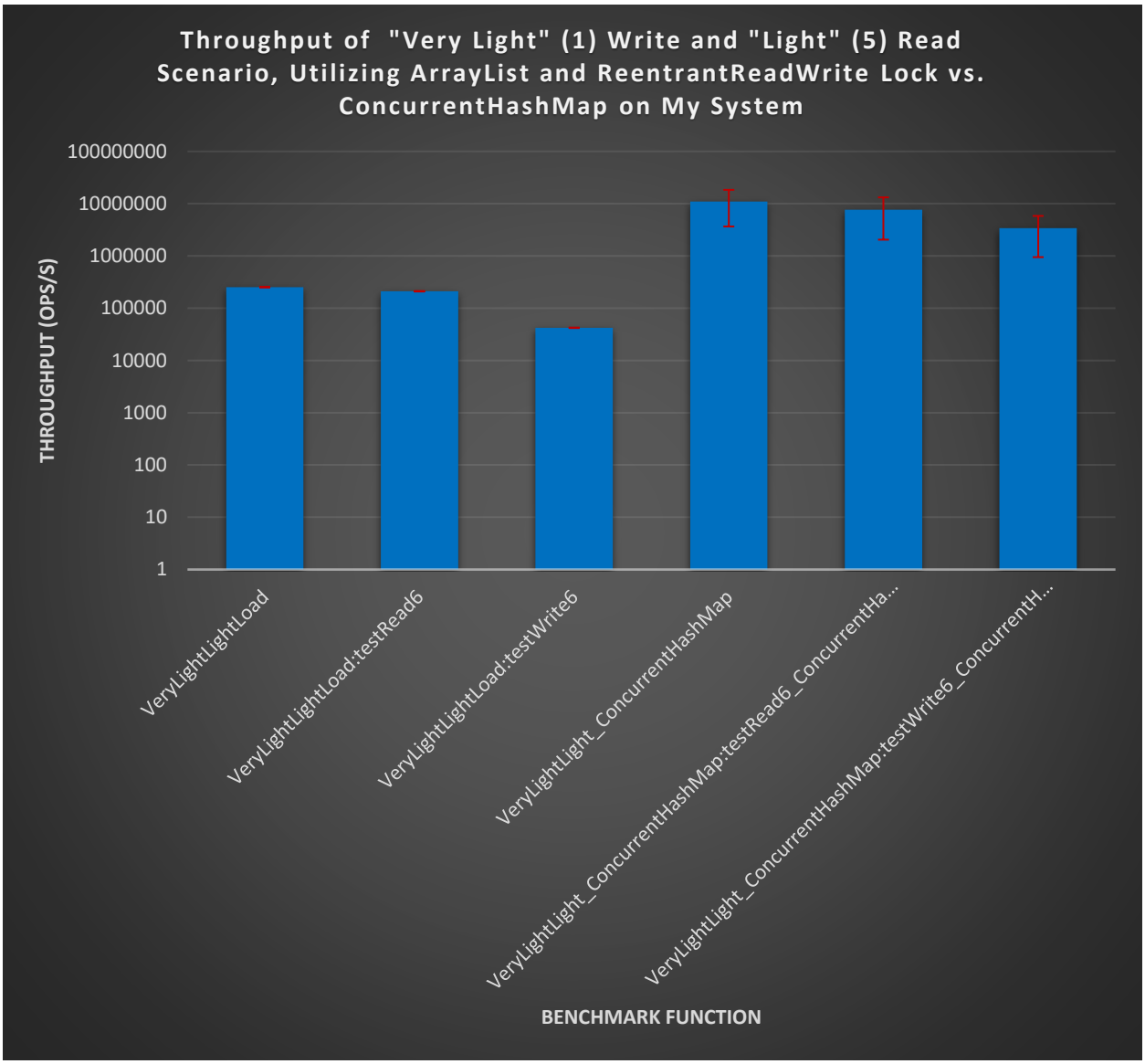

Throughput of "Very Heavy" (40) Write and "Light" (5) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryHeavyLightLoad
VeryHeavyLightLoad:testRead10
VeryHeavyLightLoad:testWrite10
VeryHeavyLight_ConcurrentHashMap
VeryHeavyLight_ConcurrentHashMap:testRead10_Concurrent...
VeryHeavyLight_ConcurrentHashMap:testWrite10_Concurren...
BENCHMARK FUNCTION

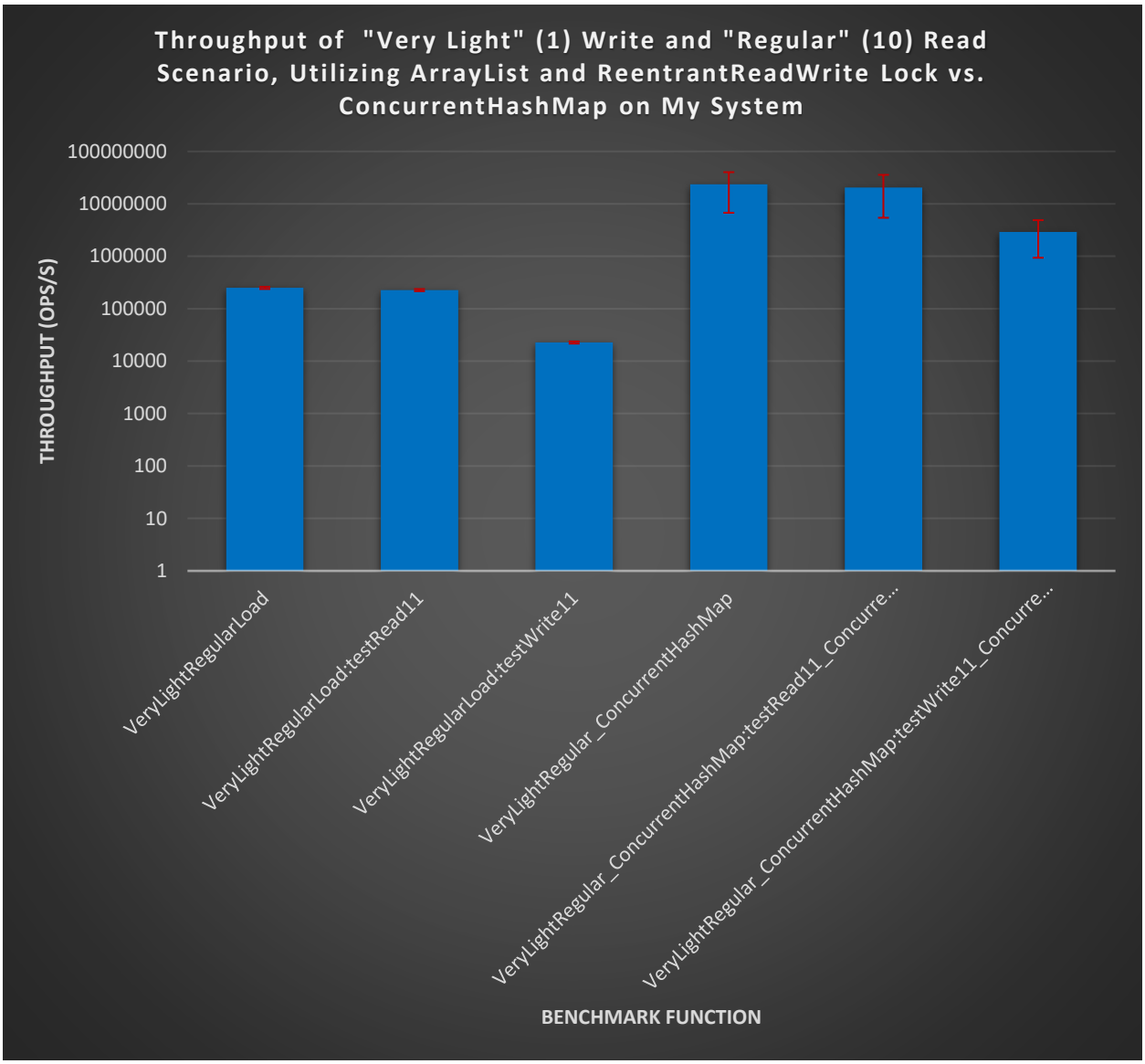

Throughput of "Very Heavy" (40) Write and "Regular" (10) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryHeavyRegularLoad
VeryHeavyRegularLoad:testRead15
VeryHeavyRegularLoad:testWrite15
VeryHeavyRegular_ConcurrentHashMap
VeryHeavyRegular_ConcurrentHashMap:testRead15_Concurr...
VeryHeavyRegular_ConcurrentHashMap:testWrite15_Concurr...
BENCHMARK FUNCTION

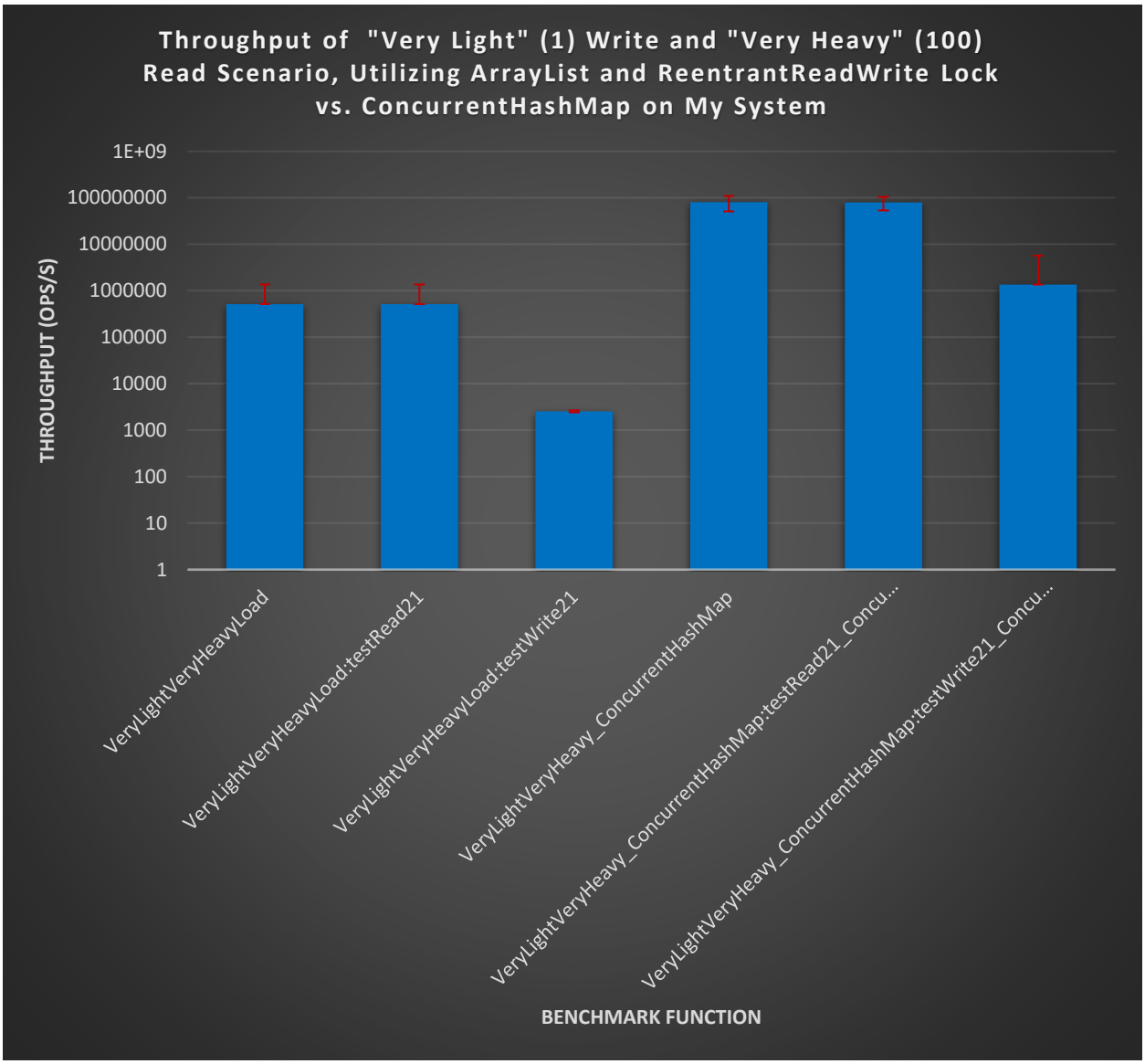

Throughput of "Very Heavy" (40) Write and "Very Heavy" (100) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
1E+09
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryHeavyVeryHeavyLoad
VeryHeavyVeryHeavyLoad:testRead25
VeryHeavyVeryHeavyLoad:testWrite25
VeryHeavyVeryHeavy_ConcurrentHashMap
VeryHeavyVeryHeavy_ConcurrentHashMap:testRead25_Conc...
VeryHeavyVeryHeavy_ConcurrentHashMap:testWrite25_Conc...
BENCHMARK FUNCTION

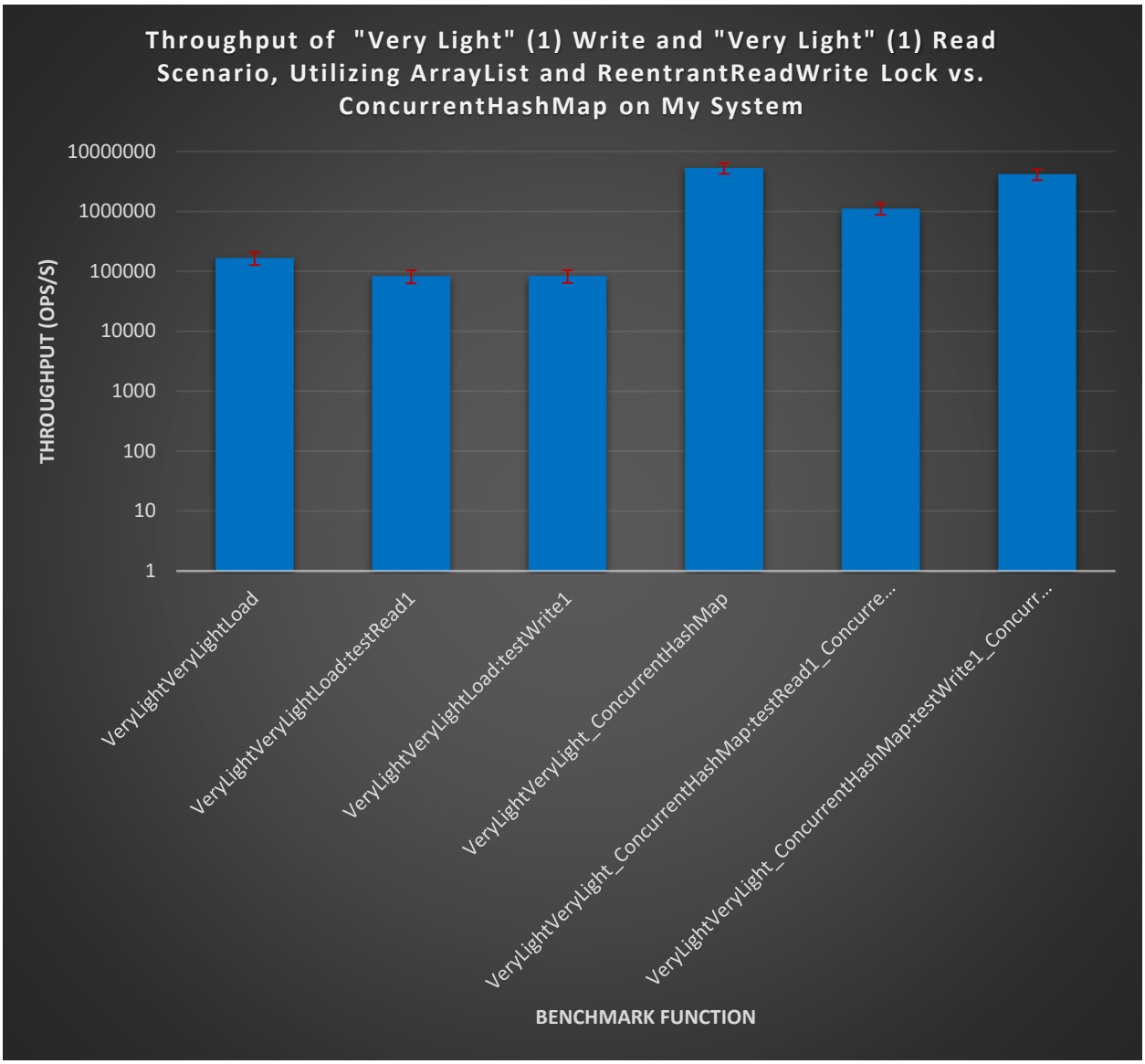

Throughput of "Very Heavy" (40) Write and "Very Light" (1) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryHeavyVeryLightLoad
VeryHeavyVeryLightLoad:testRead5
VeryHeavyVeryLightLoad:testWrite5
VeryHeavyVeryLight_ConcurrentHashMap
VeryHeavyVeryLight_ConcurrentHashMap:testRead5_Concurr...
VeryHeavyVeryLight_ConcurrentHashMap:testWrite5_Concur...
BENCHMARK FUNCTION

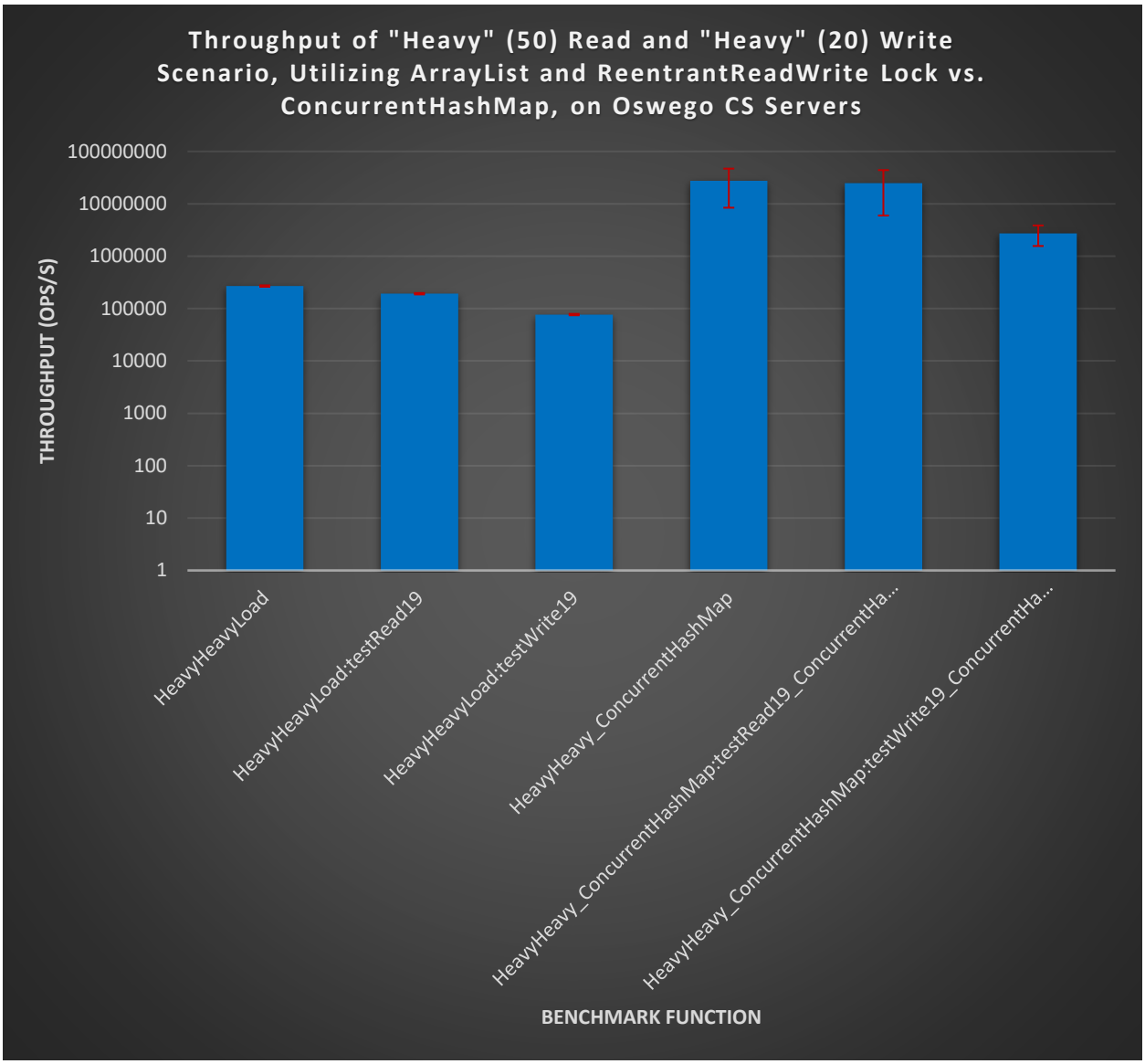

Throughput of "Very Light" (1) Write and "Heavy" (50) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryLightHeavyLoad
VeryLightHeavyLoad:testRead16
VeryLightHeavyLoad:testWrite16
VeryLightHeavy_ConcurrentHashMap
VeryLightHeavy_ConcurrentHashMap:testRead16_Concurrent...
VeryLightHeavy_ConcurrentHashMap:testWrite16_Concurren...
BENCHMARK FUNCTION

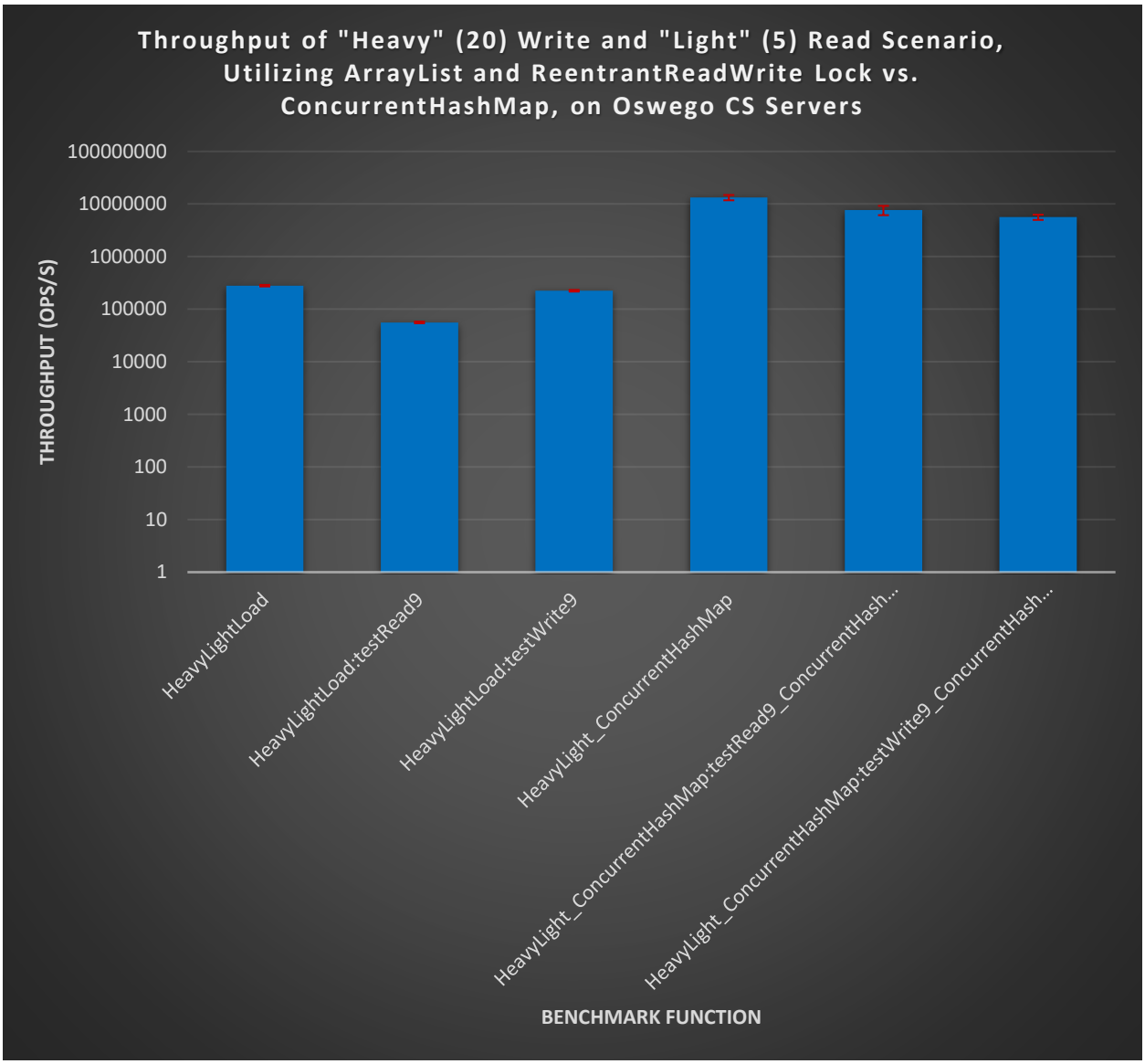

Throughput of "Very Light" (1) Write and "Light" (5) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryLightLightLoad
VeryLightLightLoad:testRead6
VeryLightLightLoad:testWrite6
VeryLightLight_ConcurrentHashMap
VeryLightLight_ConcurrentHashMap:testRead6_ConcurrentHa...
VeryLightLight_ConcurrentHashMap:testWrite6_ConcurrentH...
BENCHMARK FUNCTION

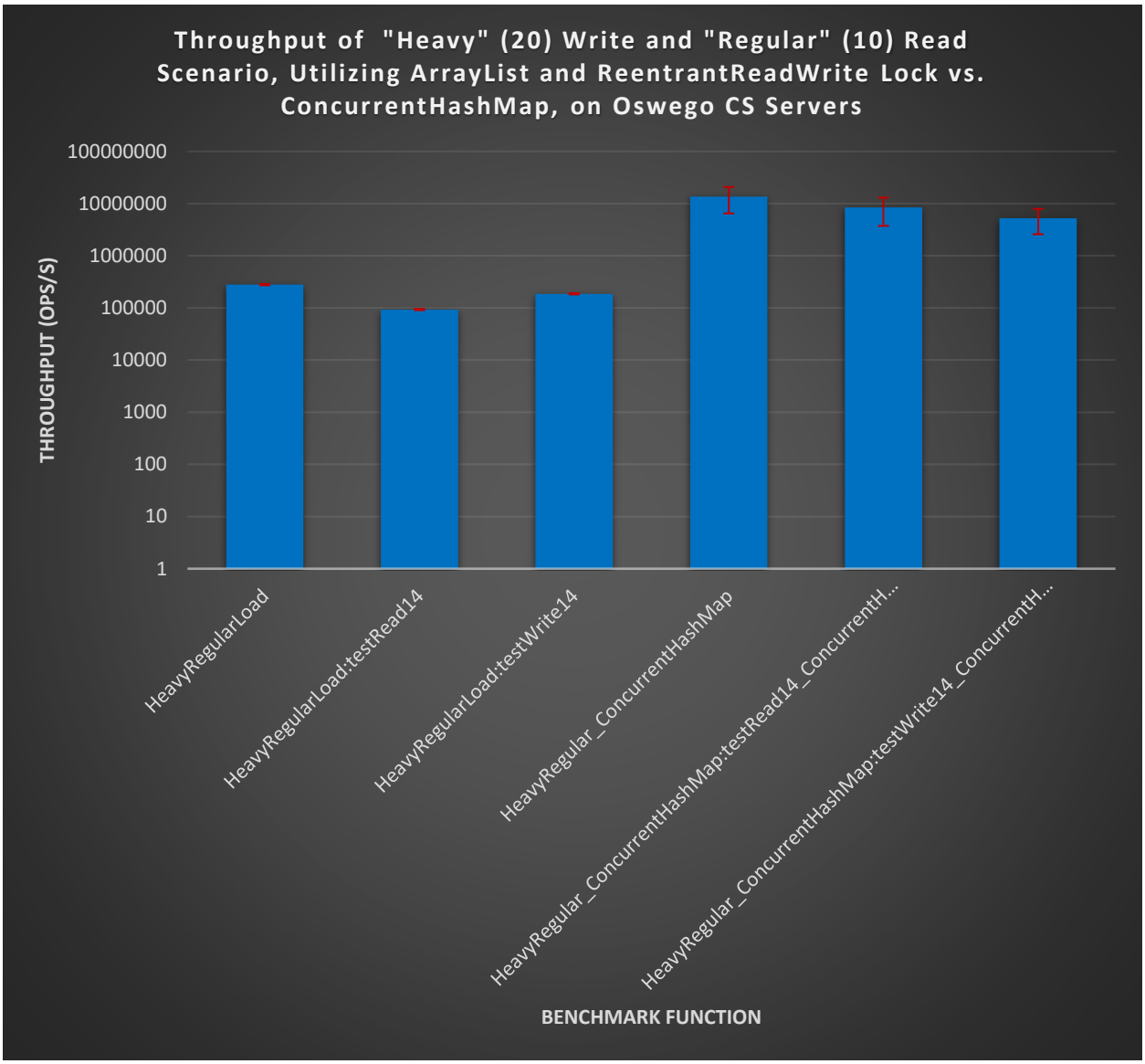

Throughput of "Very Light" (1) Write and "Regular" (10) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryLightRegularLoad
VeryLightRegularLoad:testRead11
VeryLightRegularLoad:testWrite11
VeryLightRegular_ConcurrentHashMap
VeryLightRegular_ConcurrentHashMap:testRead11_Concurre...
VeryLightRegular_ConcurrentHashMap:testWrite11_Concurre...
BENCHMARK FUNCTION

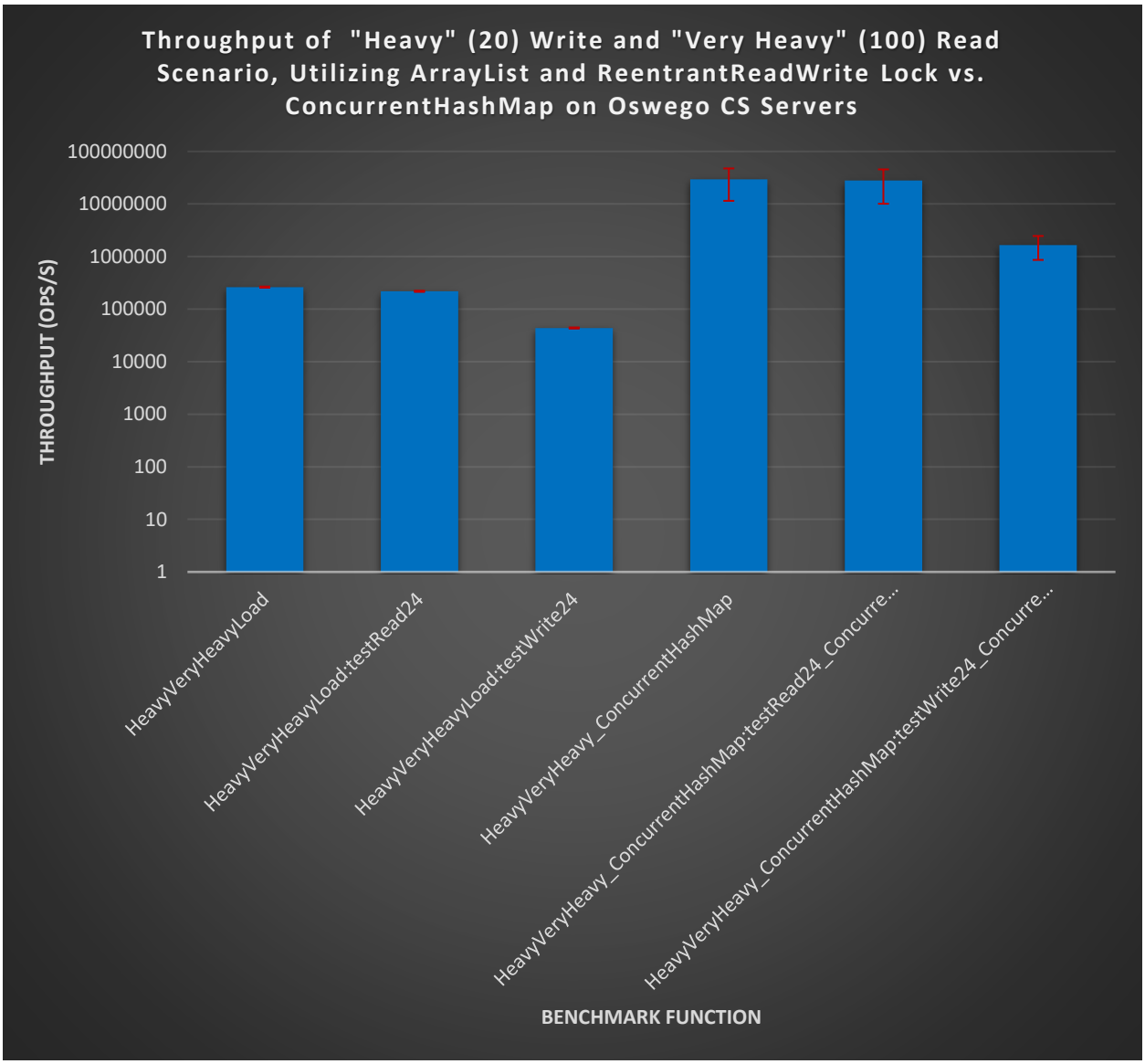

Throughput of "Very Light" (1) Write and "Very Heavy" (100) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
1E+09
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryLightVeryHeavyLoad
VeryLightVeryHeavyLoad:testRead21
VeryLightVeryHeavyLoad:testWrite21
VeryLightVeryHeavy_ConcurrentHashMap
VeryLightVeryHeavy_ConcurrentHashMap:testRead21_Concu...
VeryLightVeryHeavy_ConcurrentHashMap:testWrite21_Concu...
BENCHMARK FUNCTION

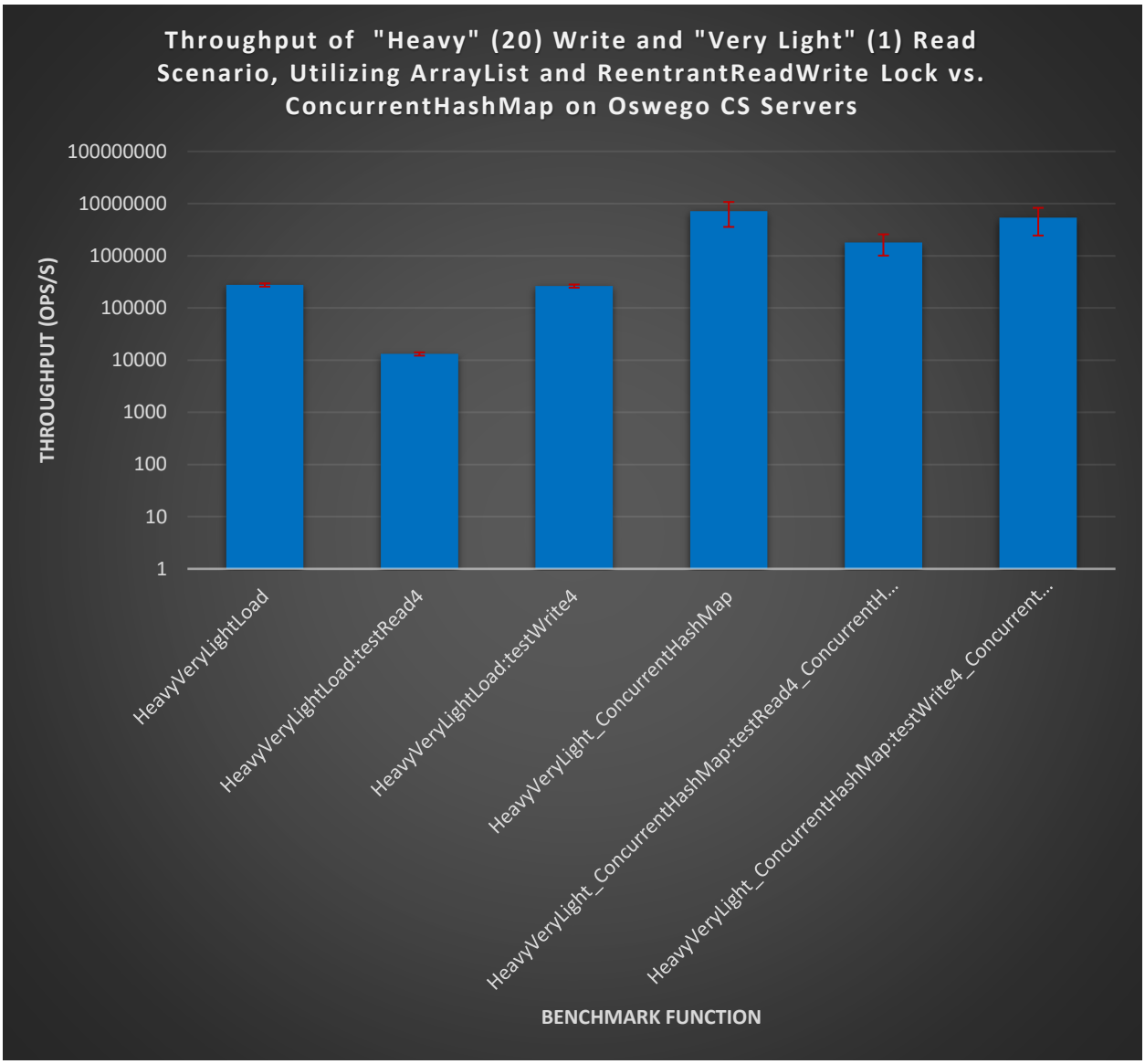

Throughput of "Very Light" (1) Write and "Very Light" (1) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on My System
THROUGHPUT (OPS/S)
10000000
1000000
100000
10000
1000
100
10
1
VeryLightVeryLightLoad
VeryLightVeryLightLoad:testRead1
VeryLightVeryLightLoad:testWrite1
VeryLightVeryLight_ConcurrentHashMap
VeryLightVeryLight_ConcurrentHashMap:testRead1_Concurre...
VeryLightVeryLight_ConcurrentHashMap:testWrite1_Concurr...
BENCHMARK FUNCTION

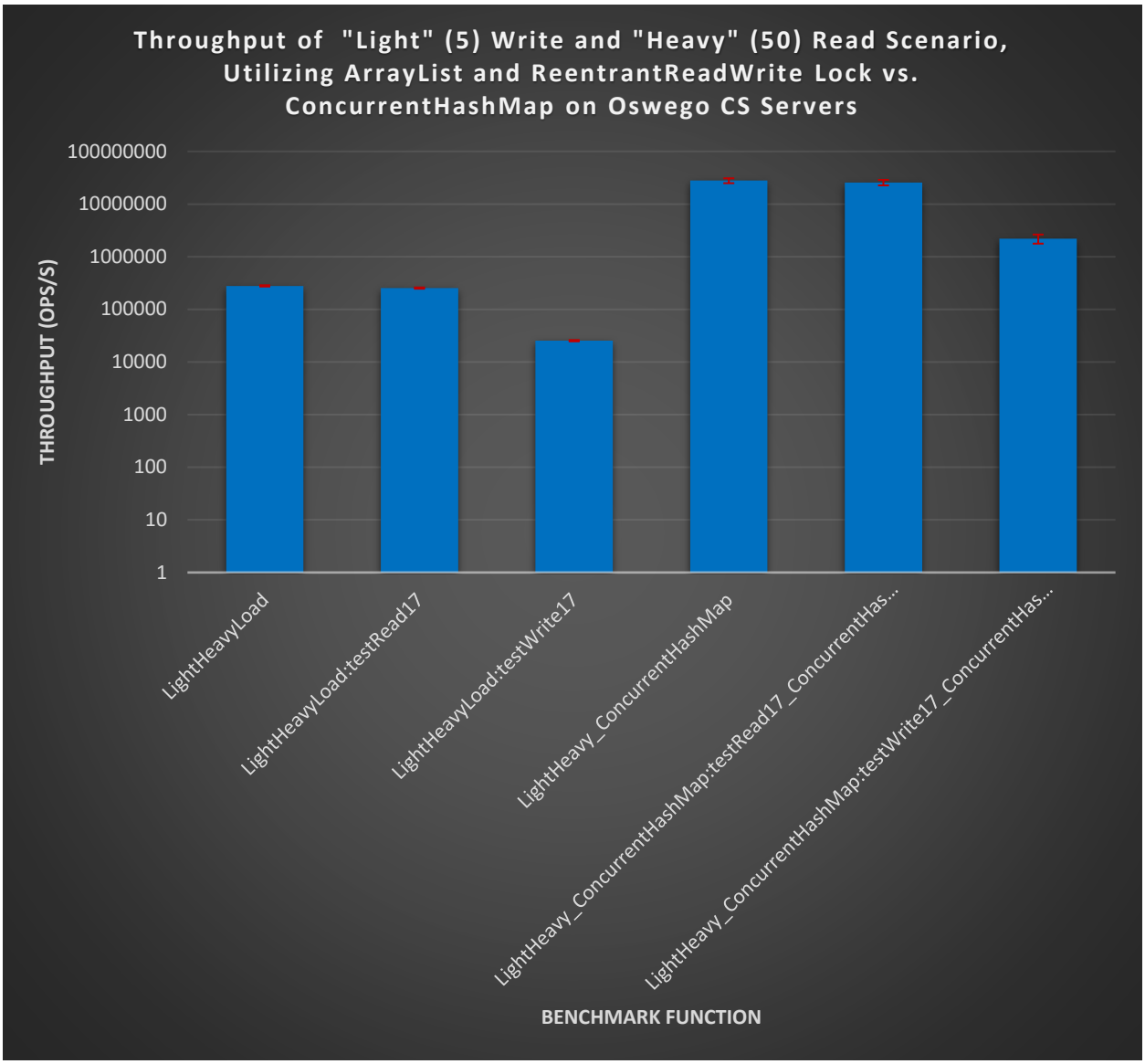

Throughput of "Heavy" (50) Read and "Heavy" (20) Write Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap, on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
HeavyHeavyLoad
HeavyHeavyLoad:testRead19
HeavyHeavyLoad:testWrite19
HeavyHeavy_ConcurrentHashMap
HeavyHeavy_ConcurrentHashMap:testRead19_ConcurrentHa...
HeavyHeavy_ConcurrentHashMap:testWrite19_ConcurrentHa...
BENCHMARK FUNCTION

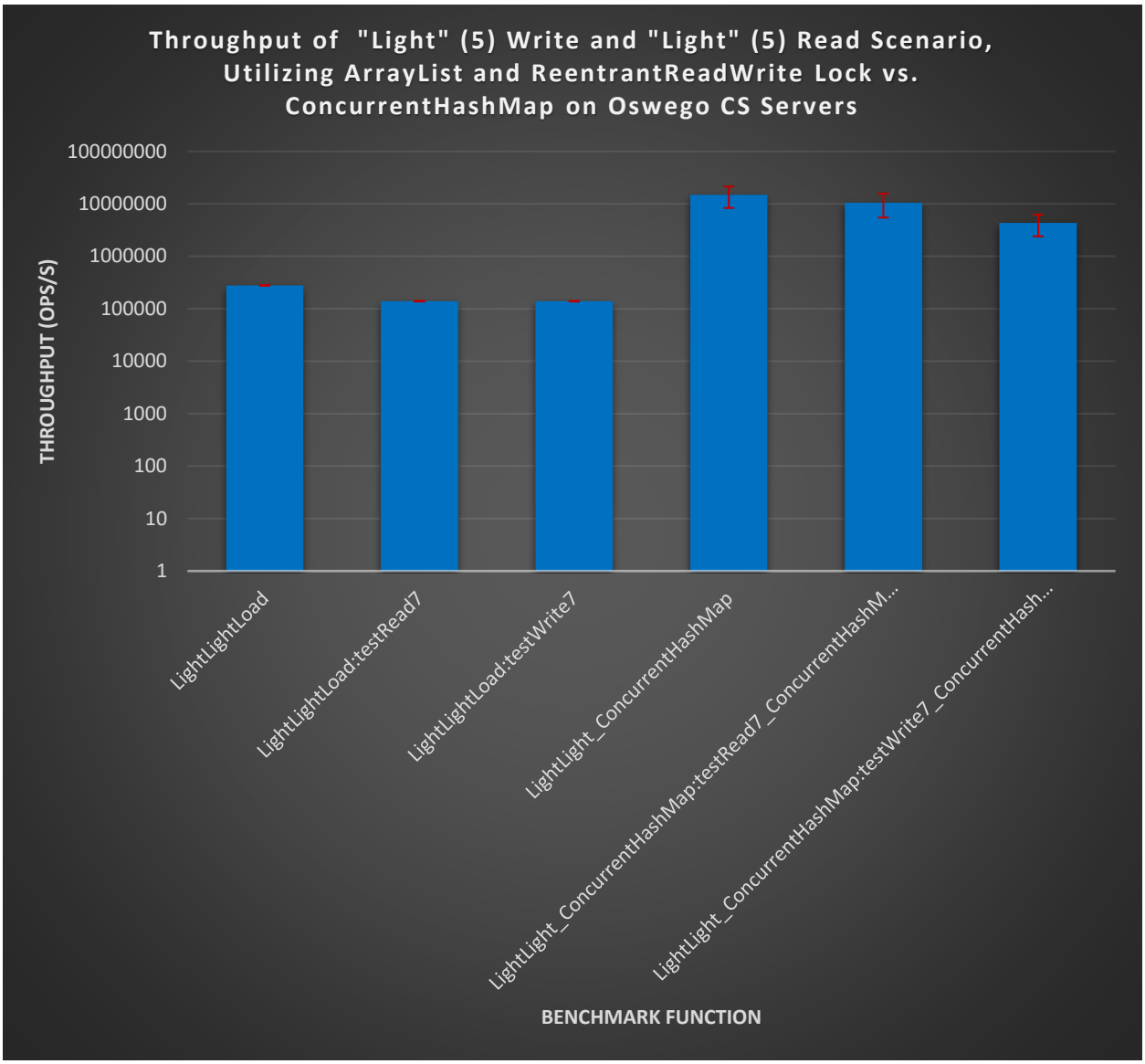

Throughput of "Heavy" (20) Write and "Light" (5) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap, on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
HeavyLightLoad
HeavyLightLoad:testRead9
HeavyLightLoad:testWrite9
HeavyLight_ConcurrentHashMap
HeavyLight_ConcurrentHashMap:testRead9_ConcurrentHash...
HeavyLight_ConcurrentHashMap:testWrite9_ConcurrentHash...
BENCHMARK FUNCTION

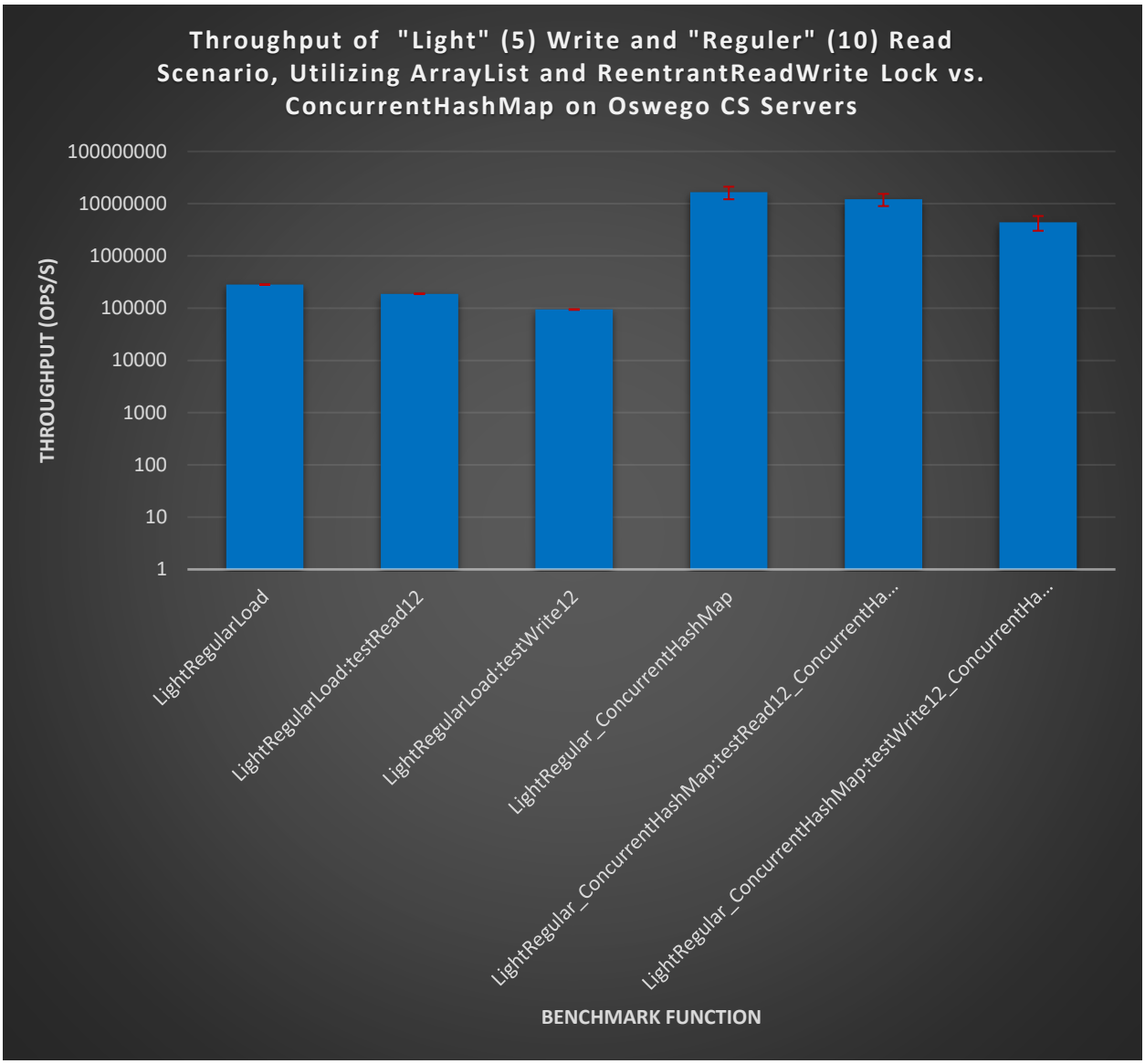

Throughput of "Heavy" (20) Write and "Regular" (10) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap, on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
HeavyRegularLoad
HeavyRegularLoad:testRead14
HeavyRegularLoad:testWrite14
HeavyRegular_ConcurrentHashMap
HeavyRegular_ConcurrentHashMap:testRead14_ConcurrentH...
HeavyRegular_ConcurrentHashMap:testWrite14_ConcurrentH...
BENCHMARK FUNCTION

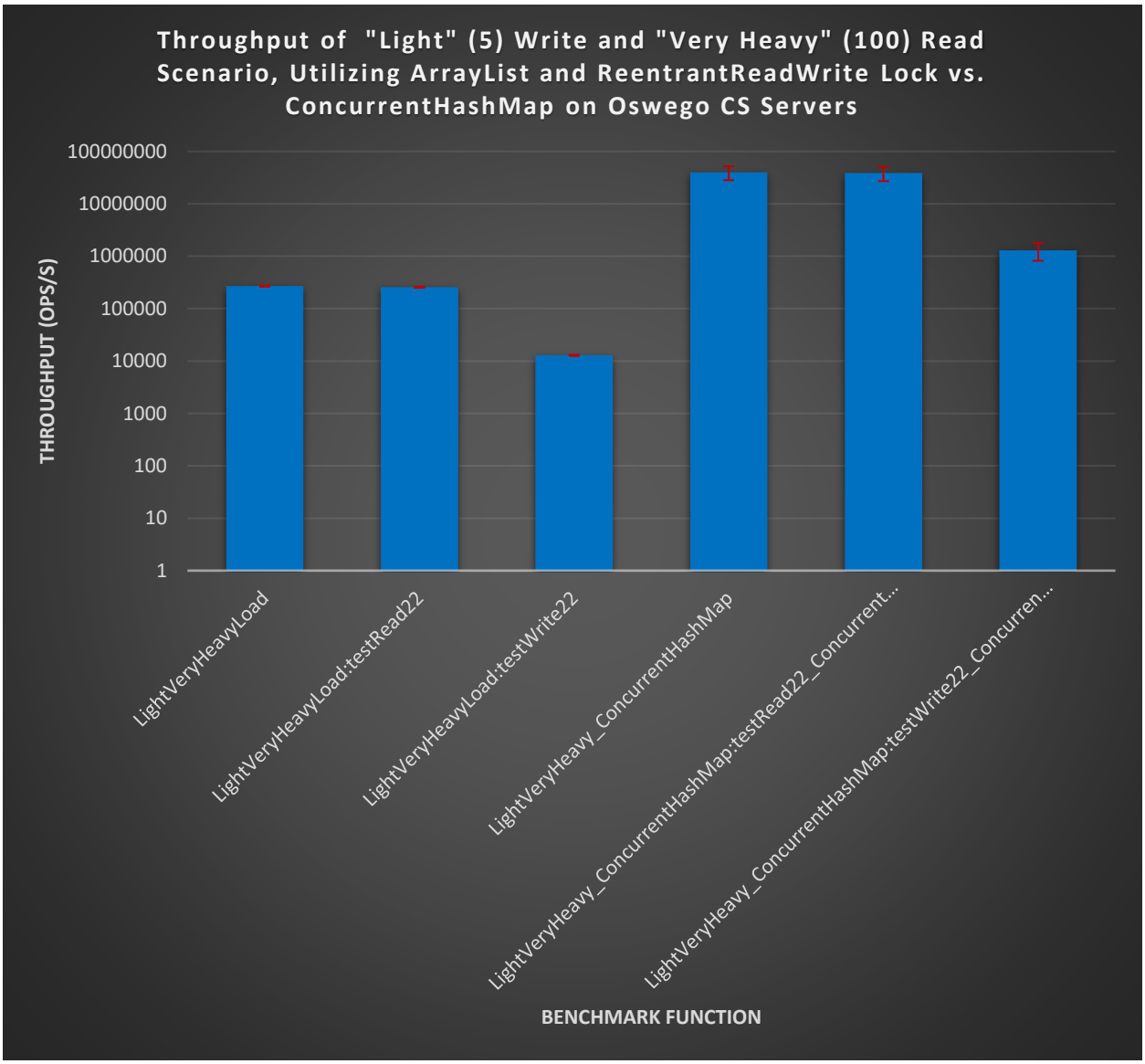

Throughput of "Heavy" (20) Write and "Very Heavy" (100) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
HeavyVeryHeavyLoad
HeavyVeryHeavyLoad:testRead24
HeavyVeryHeavyLoad:testWrite24
HeavyVeryHeavy_ConcurrentHashMap
HeavyVeryHeavy_ConcurrentHashMap:testRead24_Concurre...
HeavyVeryHeavy_ConcurrentHashMap:testWrite24_Concurre...
BENCHMARK FUNCTION

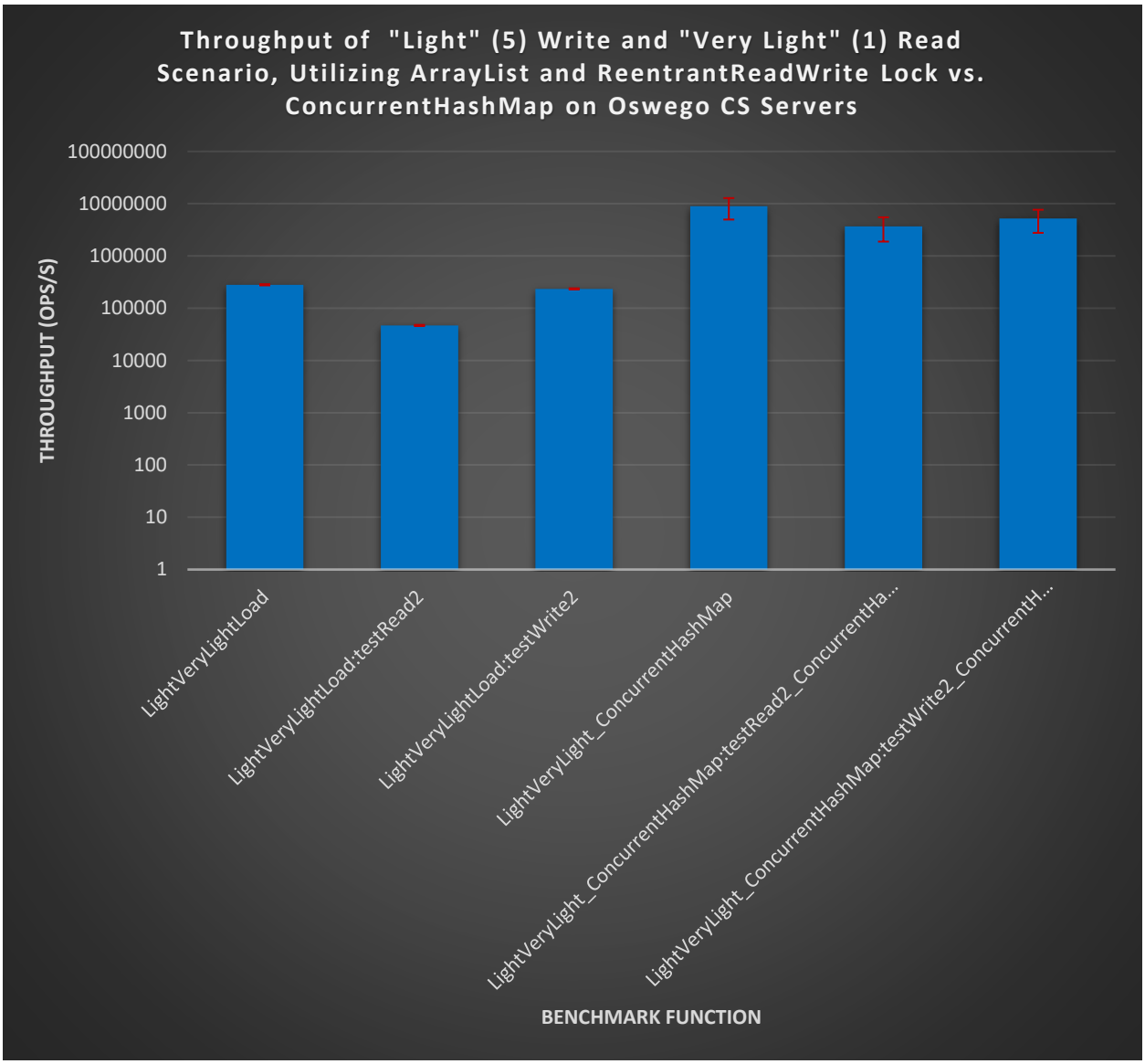

Throughput of "Heavy" (20) Write and "Very Light" (1) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
HeavyVeryLightLoad
HeavyVeryLightLoad:testRead4
HeavyVeryLightLoad:testWrite4
HeavyVeryLight_ConcurrentHashMap
HeavyVeryLight_ConcurrentHashMap:testRead4_ConcurrentH...
HeavyVeryLight_ConcurrentHashMap:testWrite4_Concurrent...
BENCHMARK FUNCTION

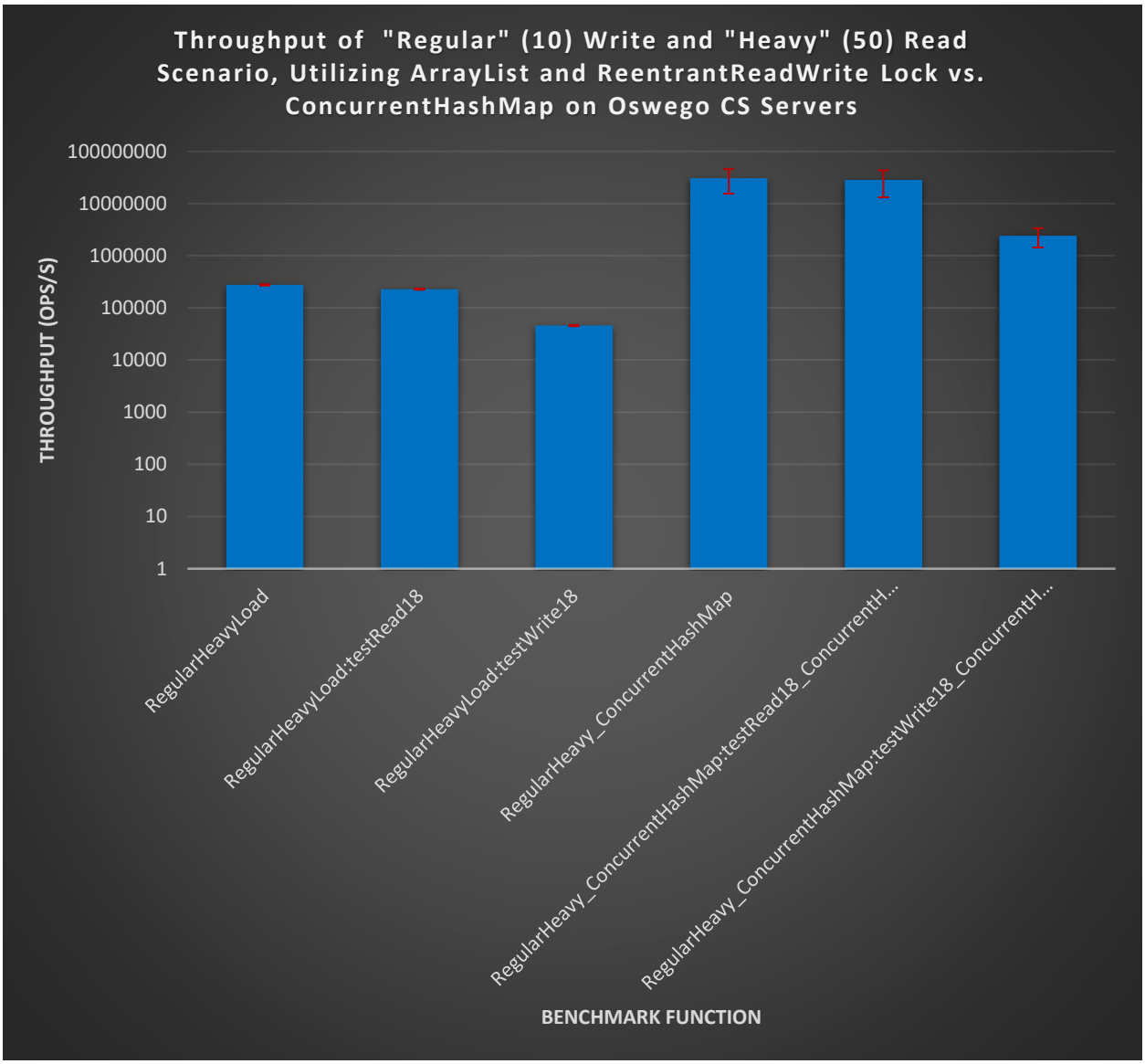

Throughput of "Light" (5) Write and "Heavy" (50) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
LightHeavyLoad
LightHeavyLoad:testRead17
LightHeavyLoad:testWrite17
LightHeavy_ConcurrentHashMap
LightHeavy_ConcurrentHashMap:testRead17_ConcurrentHas...
LightHeavy_ConcurrentHashMap:testWrite17_ConcurrentHas...
BENCHMARK FUNCTION

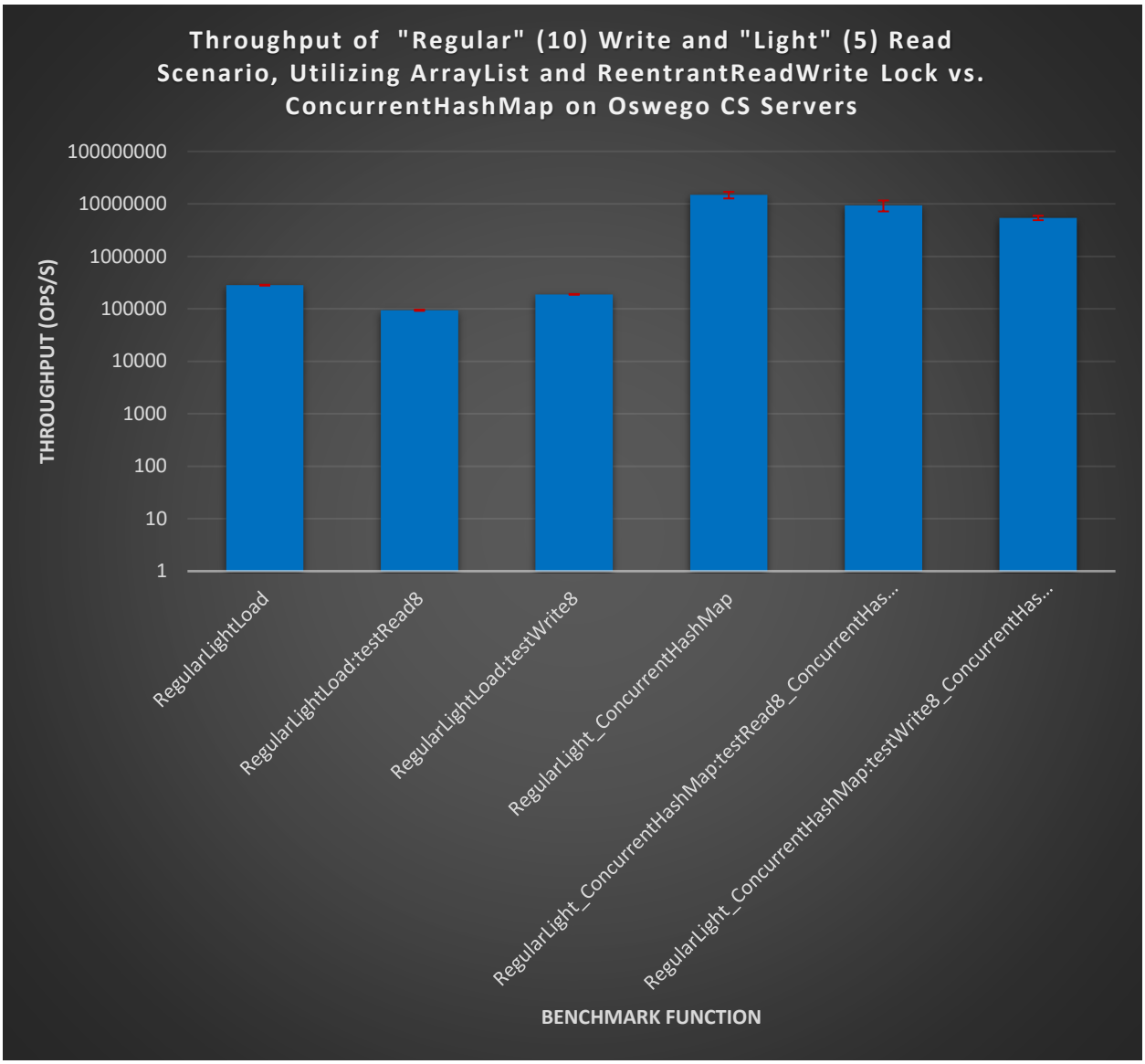

Throughput of "Light" (5) Write and "Light" (5) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
LightLightLoad
LightLightLoad:testRead7
LightLightLoad:testWrite7
LightLight_ConcurrentHashMap
LightLight_ConcurrentHashMap:testRead7_ConcurrentHashM...
LightLight_ConcurrentHashMap:testWrite7_ConcurrentHash...
BENCHMARK FUNCTION

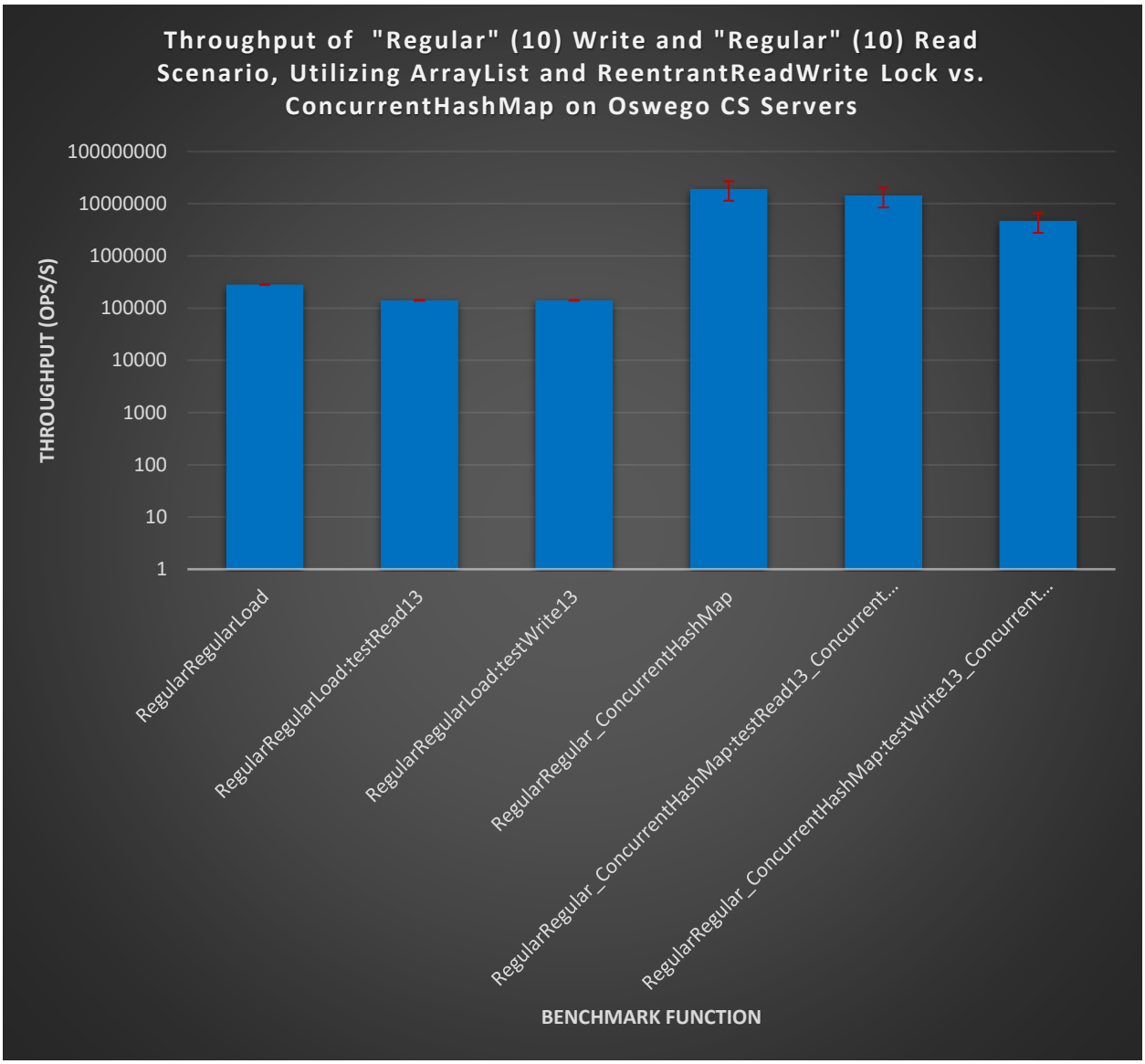

Throughput of "Light" (5) Write and "Reguler" (10) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
LightRegularLoad
LightRegularLoad:testRead12
LightRegularLoad:testWrite12
LightRegular_ConcurrentHashMap
LightRegular_ConcurrentHashMap:testRead12_ConcurrentHa...
LightRegular_ConcurrentHashMap:testWrite12_ConcurrentHa...
BENCHMARK FUNCTION

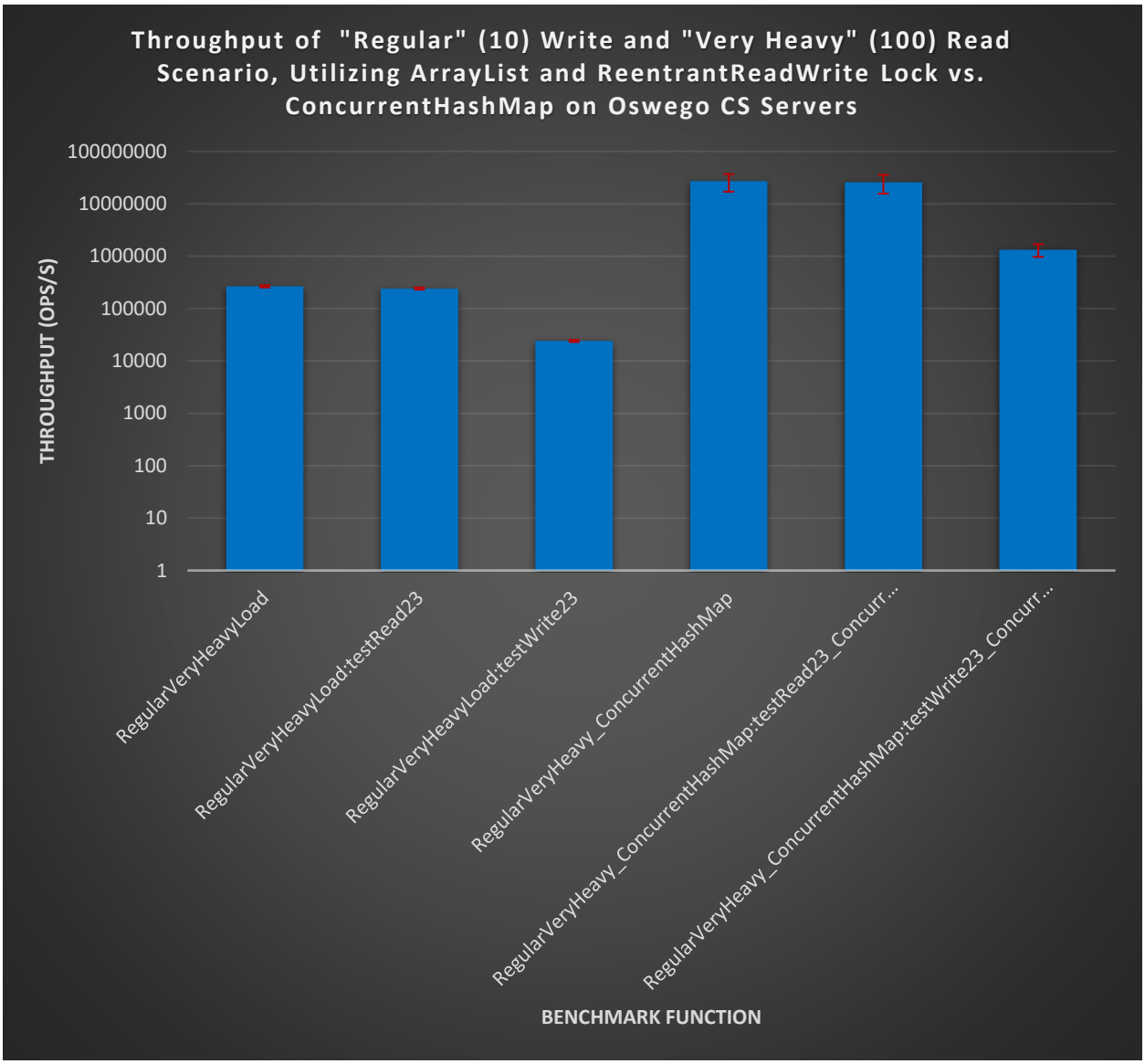

Throughput of "Light" (5) Write and "Very Heavy" (100) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
LightVeryHeavyLoad
LightVeryHeavyLoad:testRead22
LightVeryHeavyLoad:testWrite22
LightVeryHeavy_ConcurrentHashMap
LightVeryHeavy_ConcurrentHashMap:testRead22_Concurrent...
LightVeryHeavy_ConcurrentHashMap:testWrite22_Concurren...
BENCHMARK FUNCTION

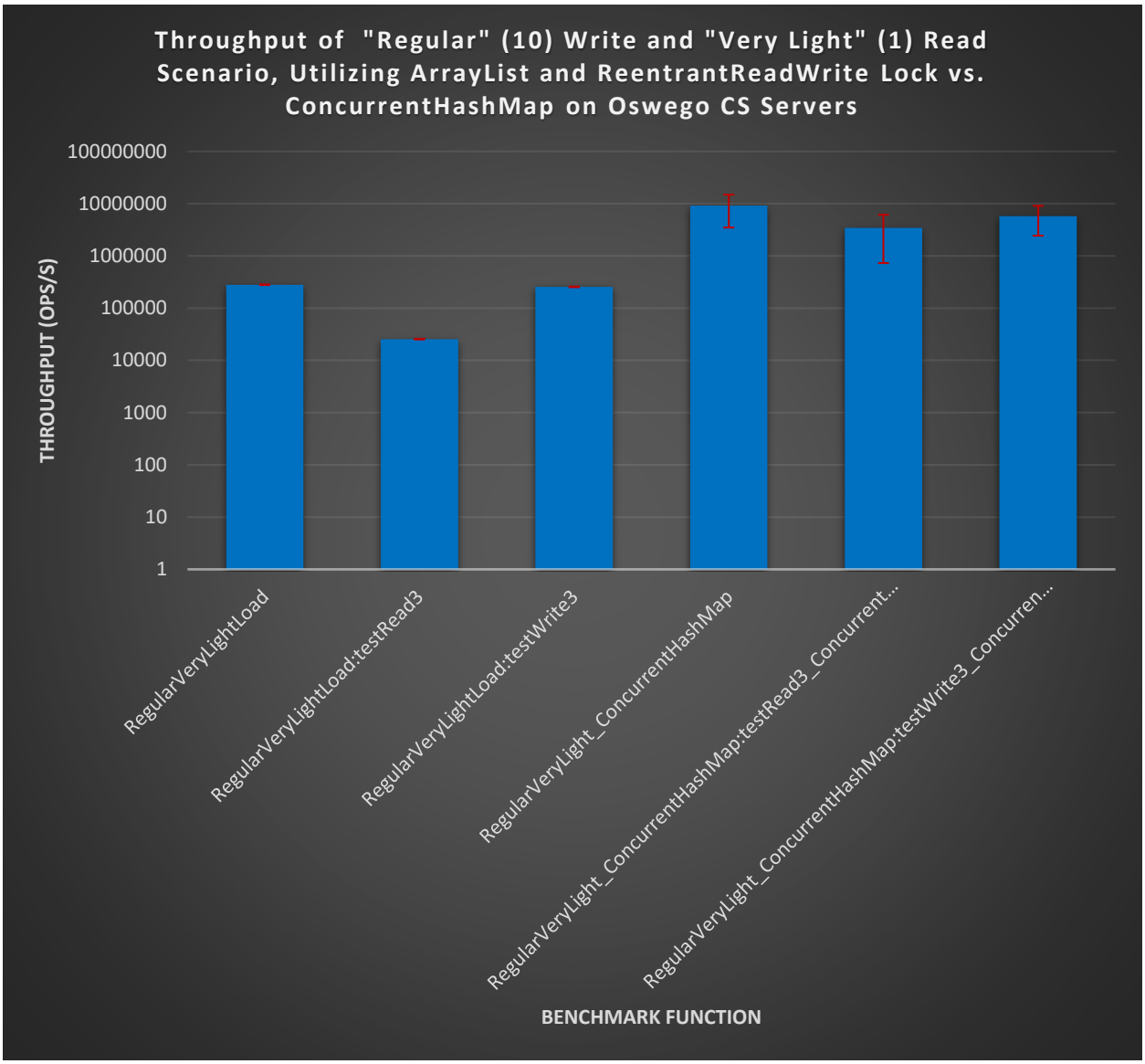

Throughput of "Light" (5) Write and "Very Light" (1) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
LightVeryLightLoad
LightVeryLightLoad:testRead2
LightVeryLightLoad:testWrite2
LightVeryLight_ConcurrentHashMap
LightVeryLight_ConcurrentHashMap:testRead2_ConcurrentHa...
LightVeryLight_ConcurrentHashMap:testWrite2_ConcurrentH...
BENCHMARK FUNCTION

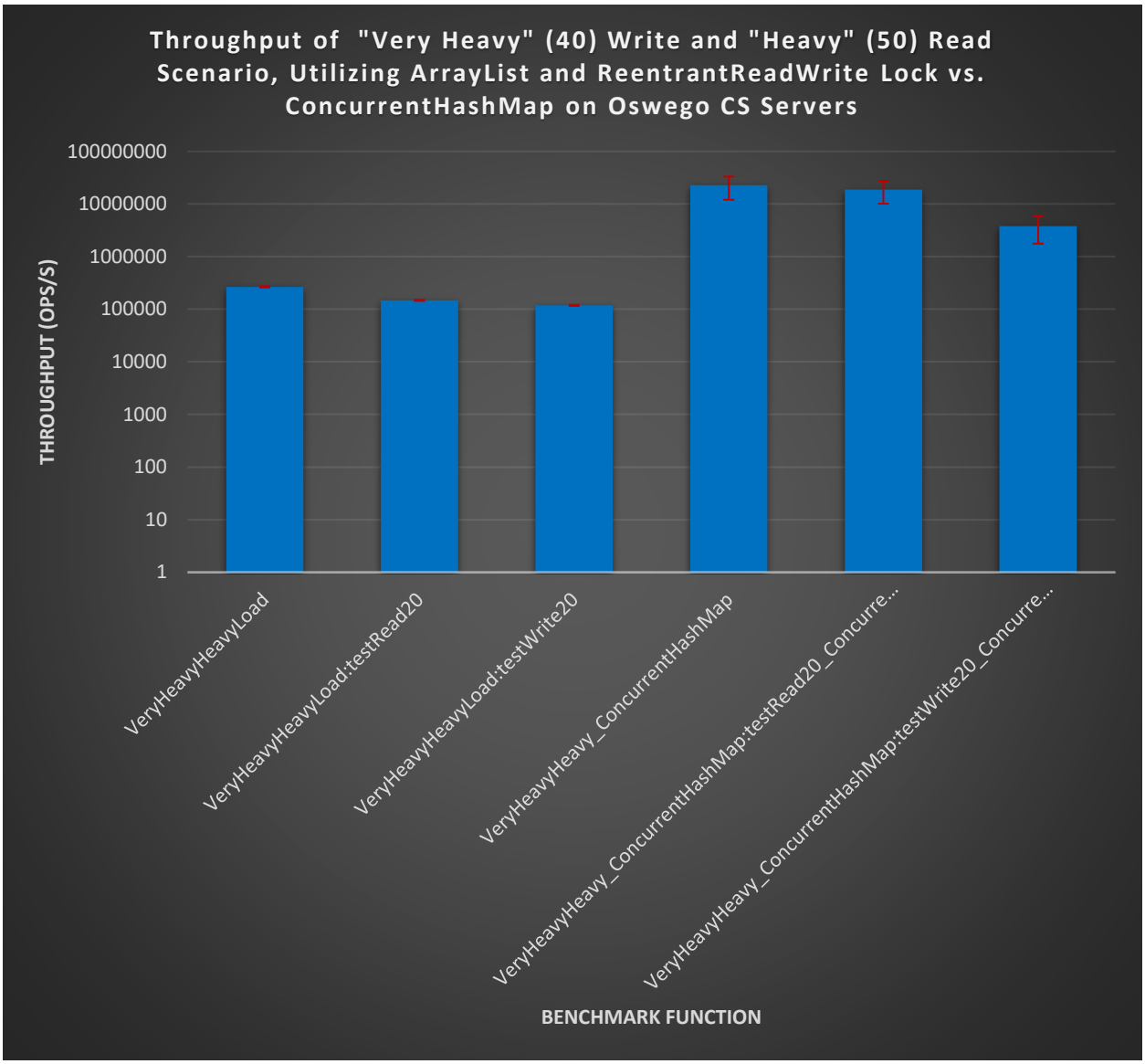

Throughput of "Regular" (10) Write and "Heavy" (50) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
RegularHeavyLoad
RegularHeavyLoad:testRead18
RegularHeavyLoad:testWrite18
RegularHeavy_ConcurrentHashMap
RegularHeavy_ConcurrentHashMap:testRead18_ConcurrentH...
RegularHeavy_ConcurrentHashMap:testWrite18_ConcurrentH...
BENCHMARK FUNCTION

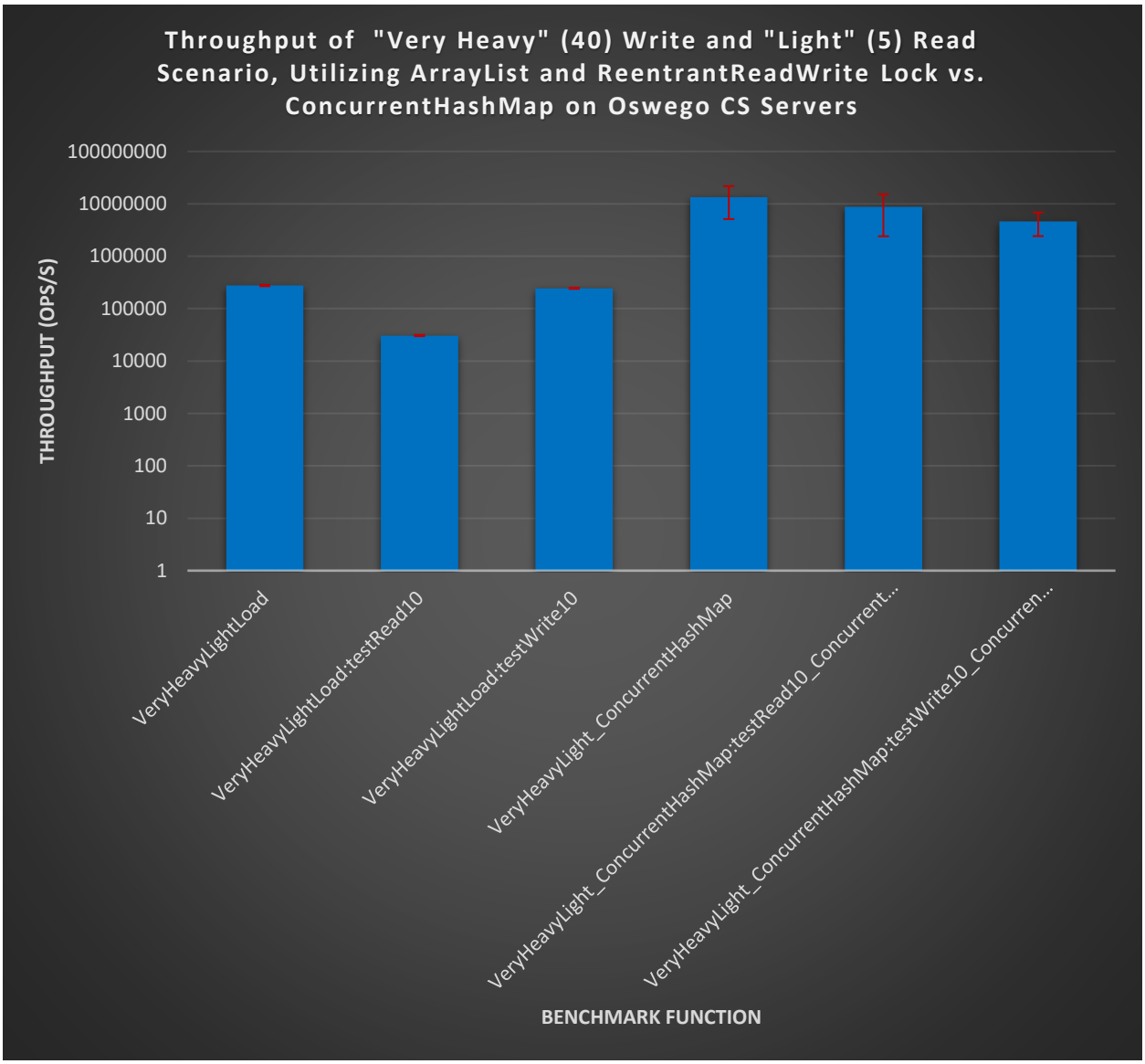

Throughput of "Regular" (10) Write and "Light" (5) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
RegularLightLoad
RegularLightLoad:testRead8
RegularLightLoad:testWrite8
RegularLight_ConcurrentHashMap
RegularLight_ConcurrentHashMap:testRead8_ConcurrentHas...
RegularLight_ConcurrentHashMap:testWrite8_ConcurrentHas...
BENCHMARK FUNCTION

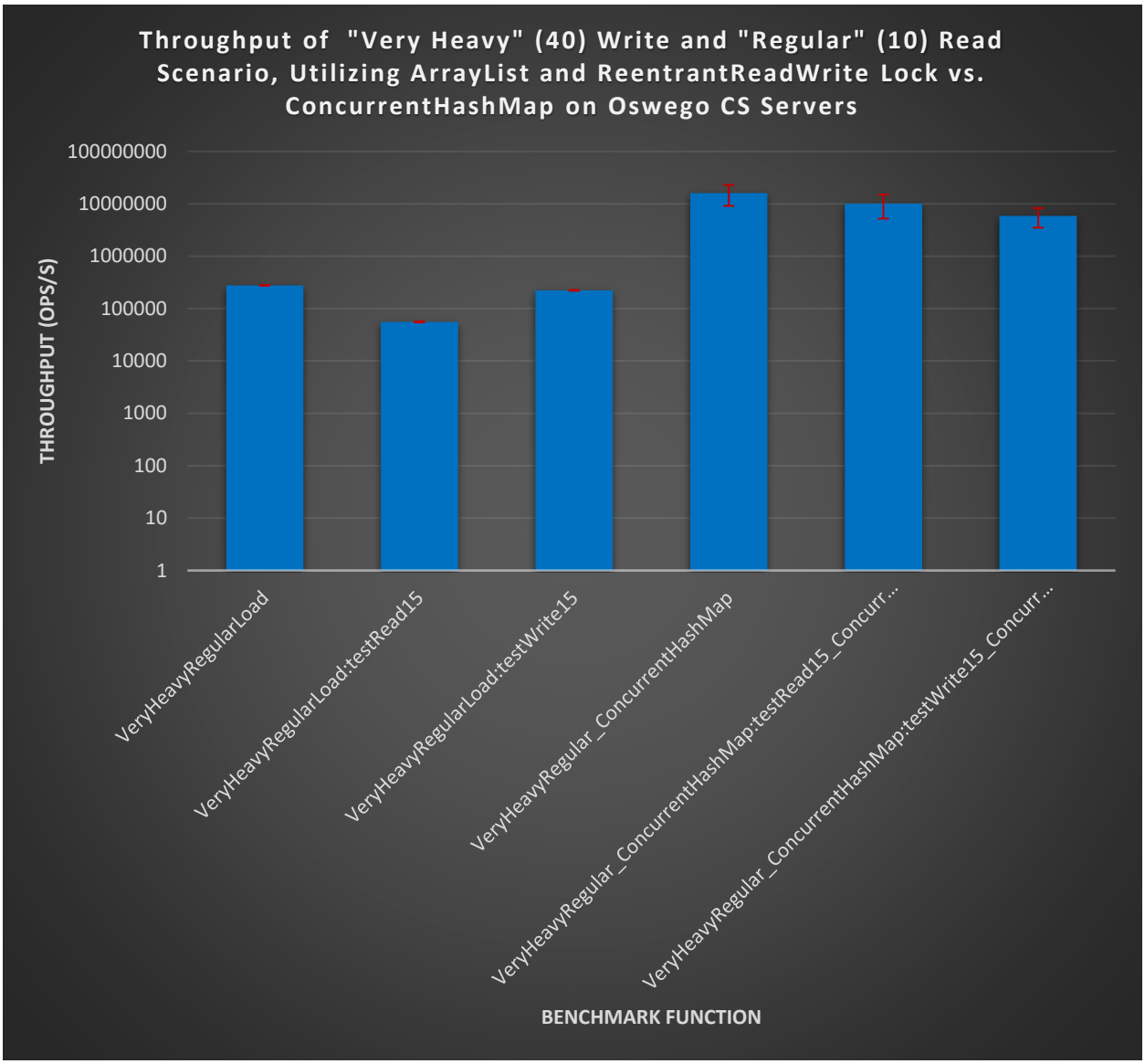

Throughput of "Regular" (10) Write and "Regular" (10) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
RegularRegularLoad
RegularRegularLoad:testRead13
RegularRegularLoad:testWrite13
RegularRegular_ConcurrentHashMap
RegularRegular_ConcurrentHashMap:testRead13_Concurrent...
RegularRegular_ConcurrentHashMap:testWrite13_Concurrent...
BENCHMARK FUNCTION

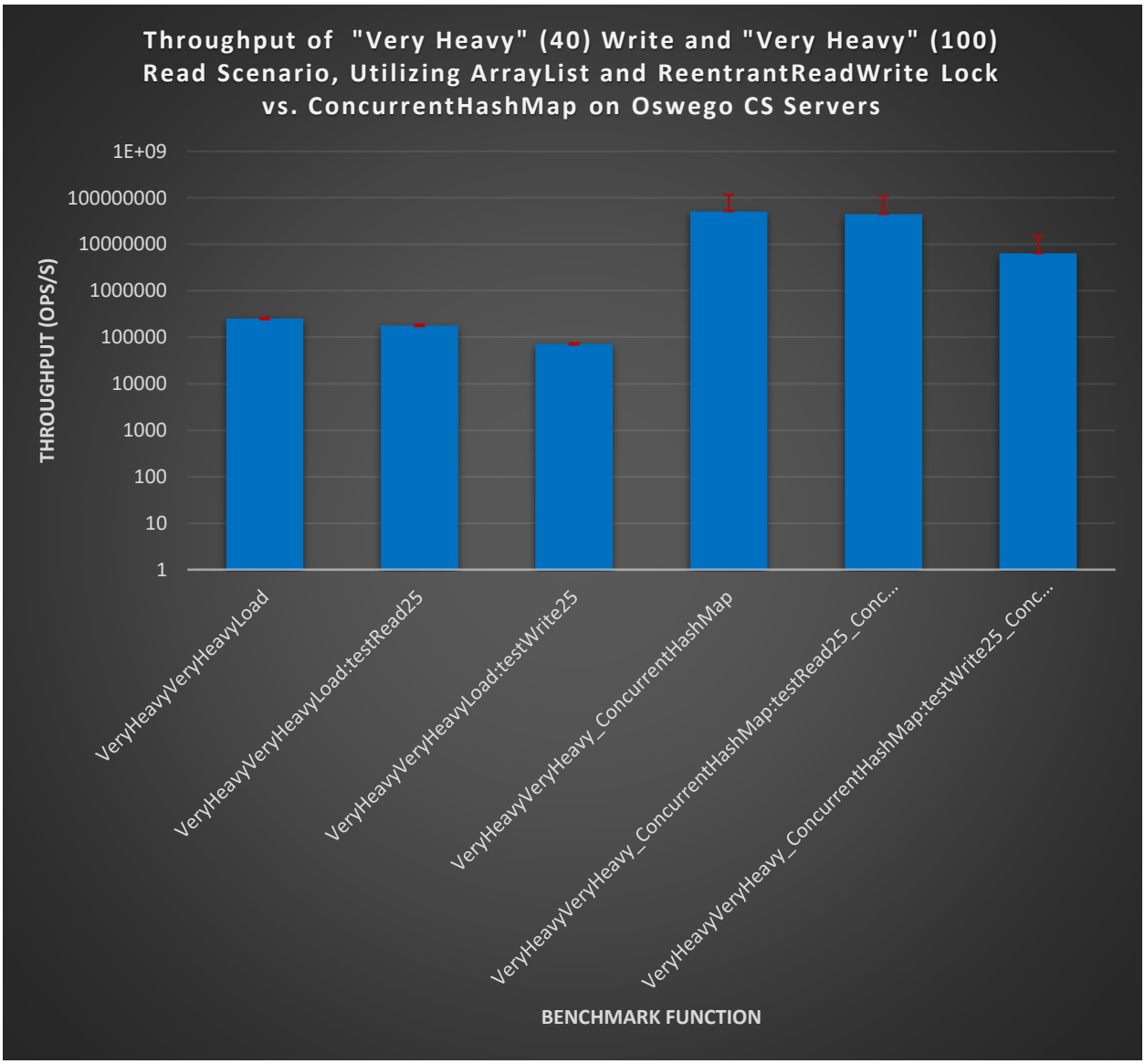

Throughput of "Regular" (10) Write and "Very Heavy" (100) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
RegularVeryHeavyLoad
RegularVeryHeavyLoad:testRead23
RegularVeryHeavyLoad:testWrite23
RegularVeryHeavy_ConcurrentHashMap
RegularVeryHeavy_ConcurrentHashMap:testRead23_Concurr...
RegularVeryHeavy_ConcurrentHashMap:testWrite23_Concurr...
BENCHMARK FUNCTION

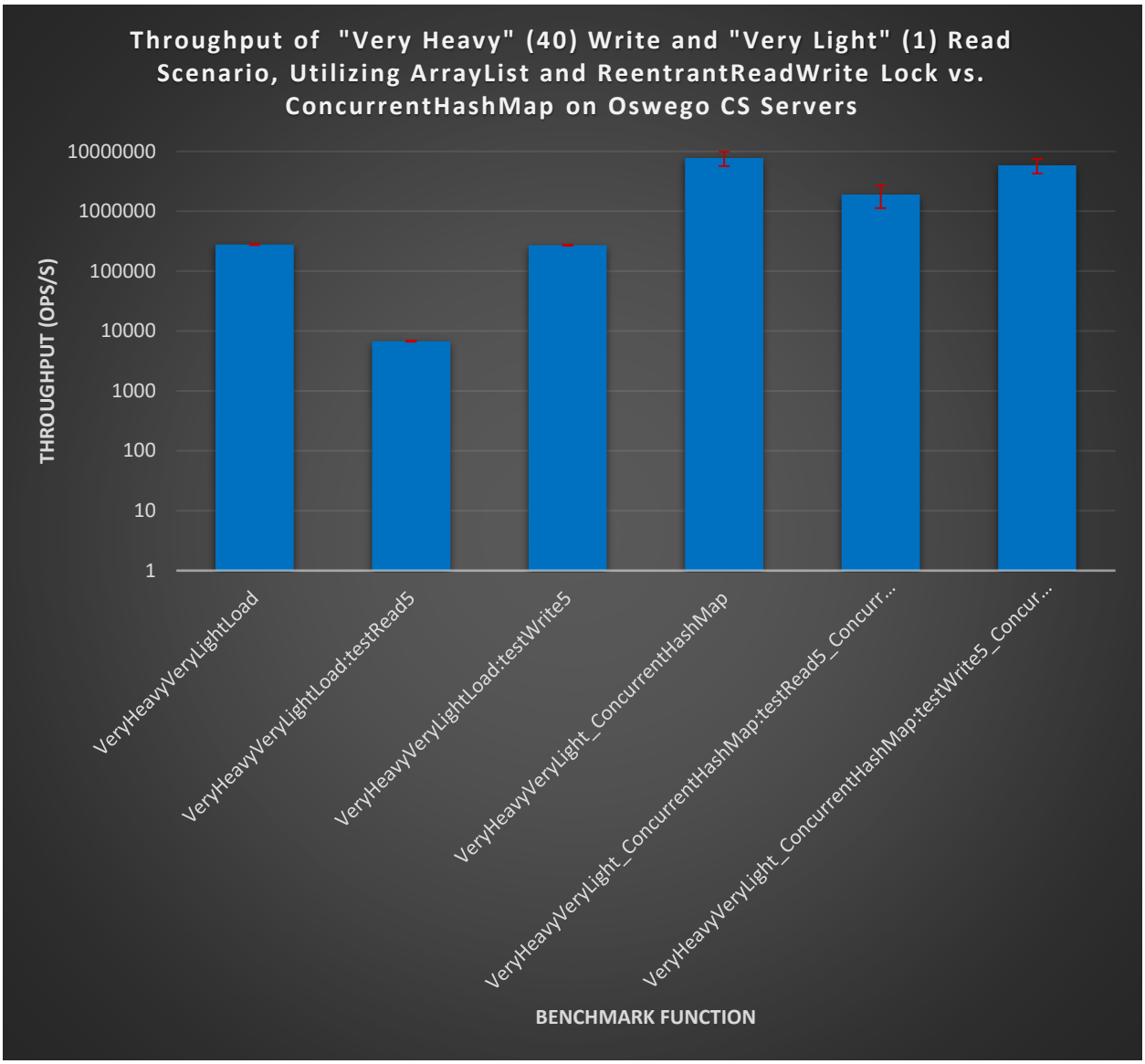

Throughput of "Regular" (10) Write and "Very Light" (1) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
RegularVeryLightLoad
RegularVeryLightLoad:testRead3
RegularVeryLightLoad:testWrite3
RegularVeryLight_ConcurrentHashMap
RegularVeryLight_ConcurrentHashMap:testRead3_Concurrent...
RegularVeryLight_ConcurrentHashMap:testWrite3_Concurren...
BENCHMARK FUNCTION

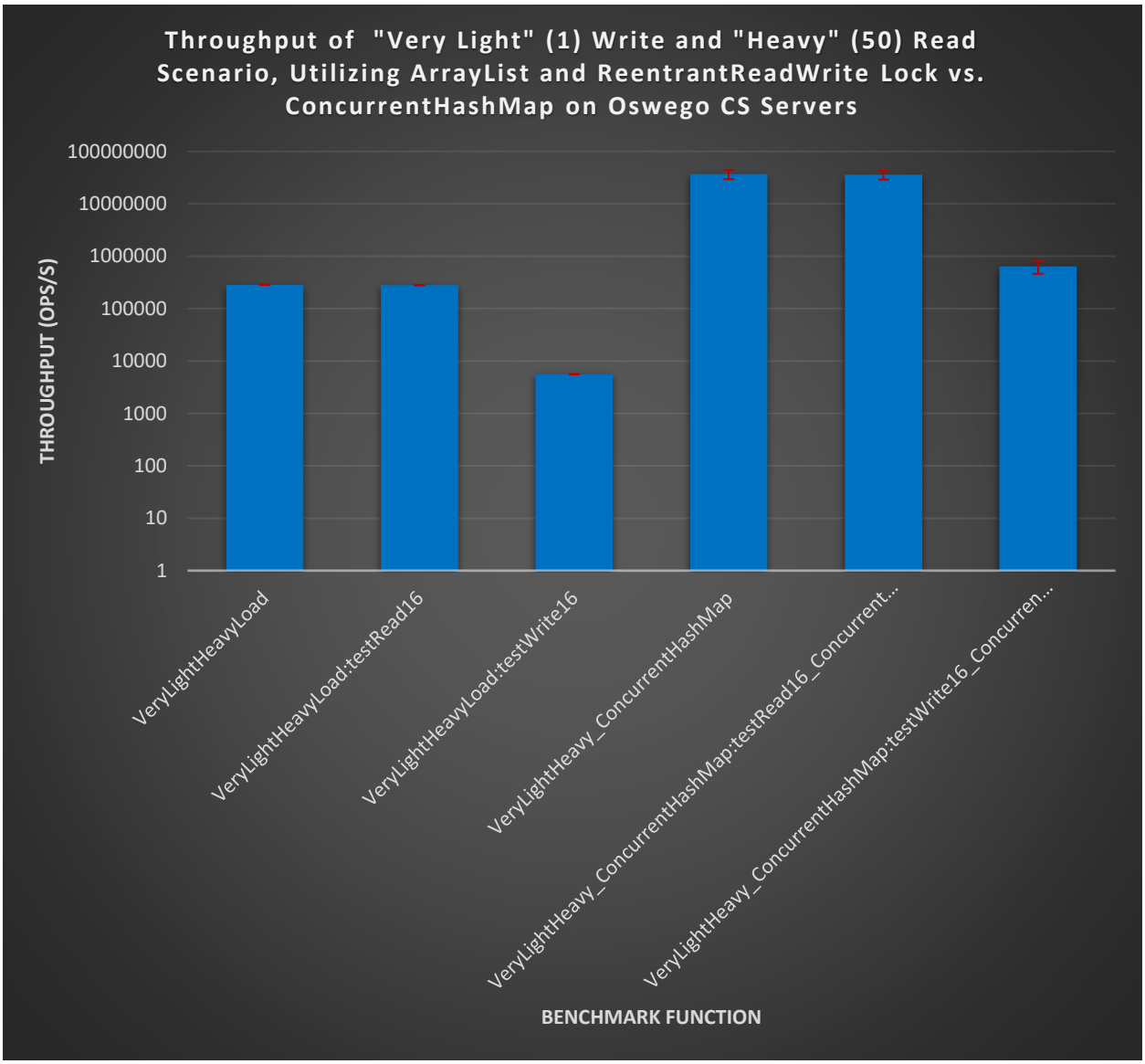

Throughput of "Very Heavy" (40) Write and "Heavy" (50) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryHeavyHeavyLoad
VeryHeavyHeavyLoad:testRead20
VeryHeavyHeavyLoad:testWrite20
VeryHeavyHeavy_ConcurrentHashMap
VeryHeavyHeavy_ConcurrentHashMap:testRead20_Concurre...
VeryHeavyHeavy_ConcurrentHashMap:testWrite20_Concurre...
BENCHMARK FUNCTION

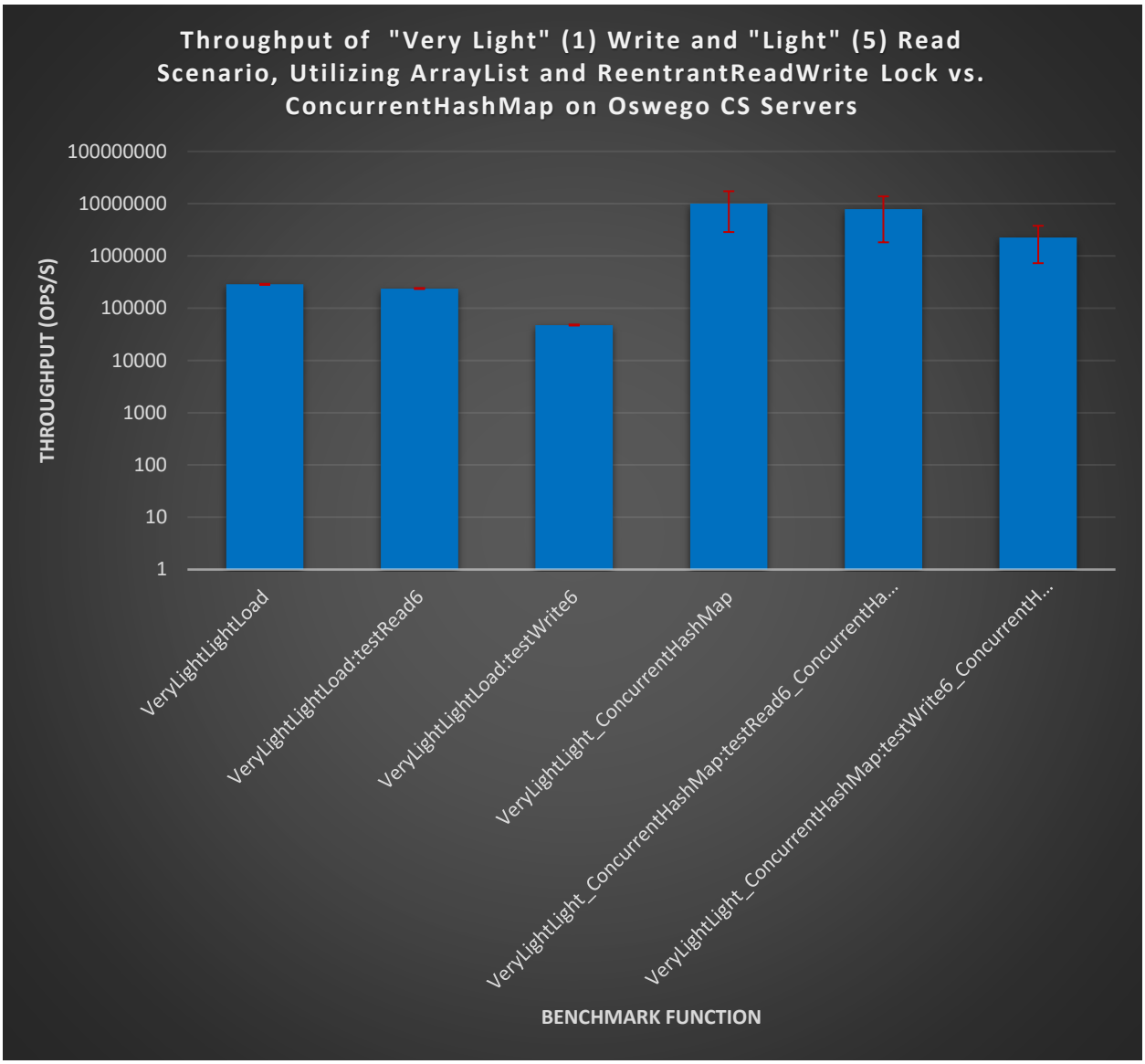

Throughput of "Very Heavy" (40) Write and "Light" (5) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryHeavyLightLoad
VeryHeavyLightLoad:testRead10
VeryHeavyLightLoad:testWrite10
VeryHeavyLight_ConcurrentHashMap
VeryHeavyLight_ConcurrentHashMap:testRead10_Concurrent...
VeryHeavyLight_ConcurrentHashMap:testWrite10_Concurren...
BENCHMARK FUNCTION

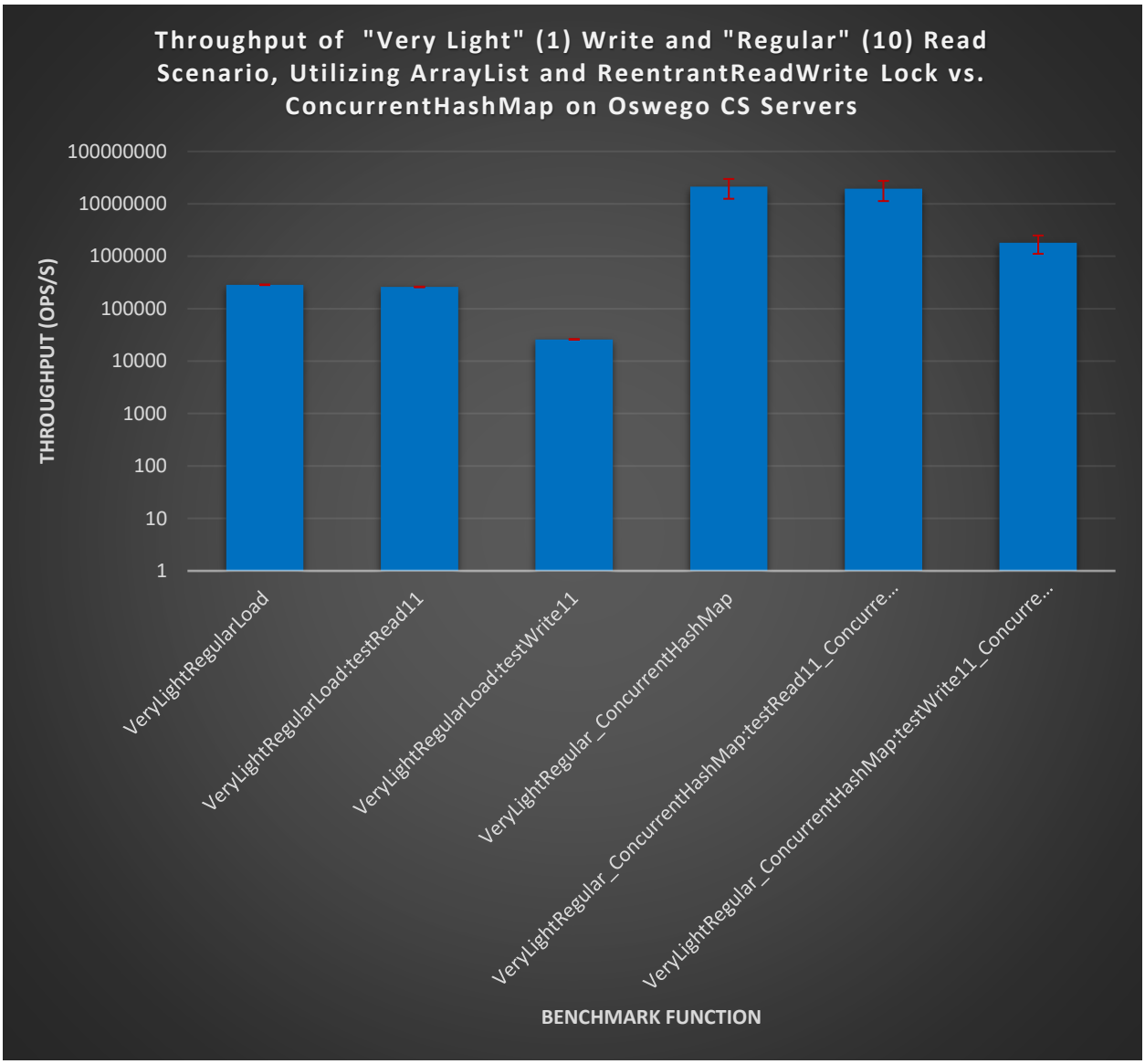

Throughput of "Very Heavy" (40) Write and "Regular" (10) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryHeavyRegularLoad
VeryHeavyRegularLoad:testRead15
VeryHeavyRegularLoad:testWrite15
VeryHeavyRegular_ConcurrentHashMap
VeryHeavyRegular_ConcurrentHashMap:testRead15_Concurr...
VeryHeavyRegular_ConcurrentHashMap:testWrite15_Concurr...
BENCHMARK FUNCTION

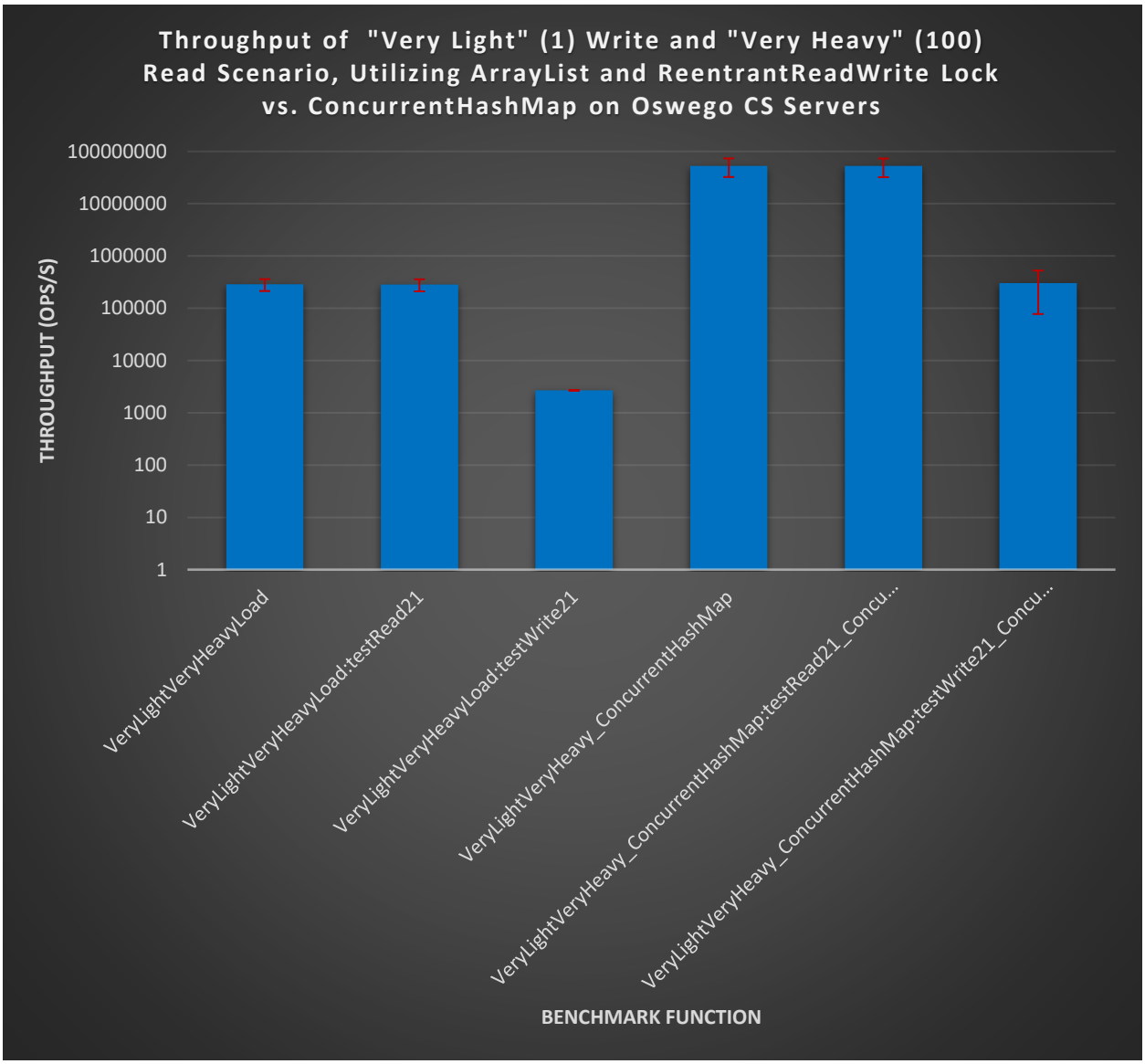

Throughput of "Very Heavy" (40) Write and "Very Heavy" (100) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
1E+09
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryHeavyVeryHeavyLoad
VeryHeavyVeryHeavyLoad:testRead25
VeryHeavyVeryHeavyLoad:testWrite25
VeryHeavyVeryHeavy_ConcurrentHashMap
VeryHeavyVeryHeavy_ConcurrentHashMap:testRead25_Conc...
VeryHeavyVeryHeavy_ConcurrentHashMap:testWrite25_Conc...
BENCHMARK FUNCTION

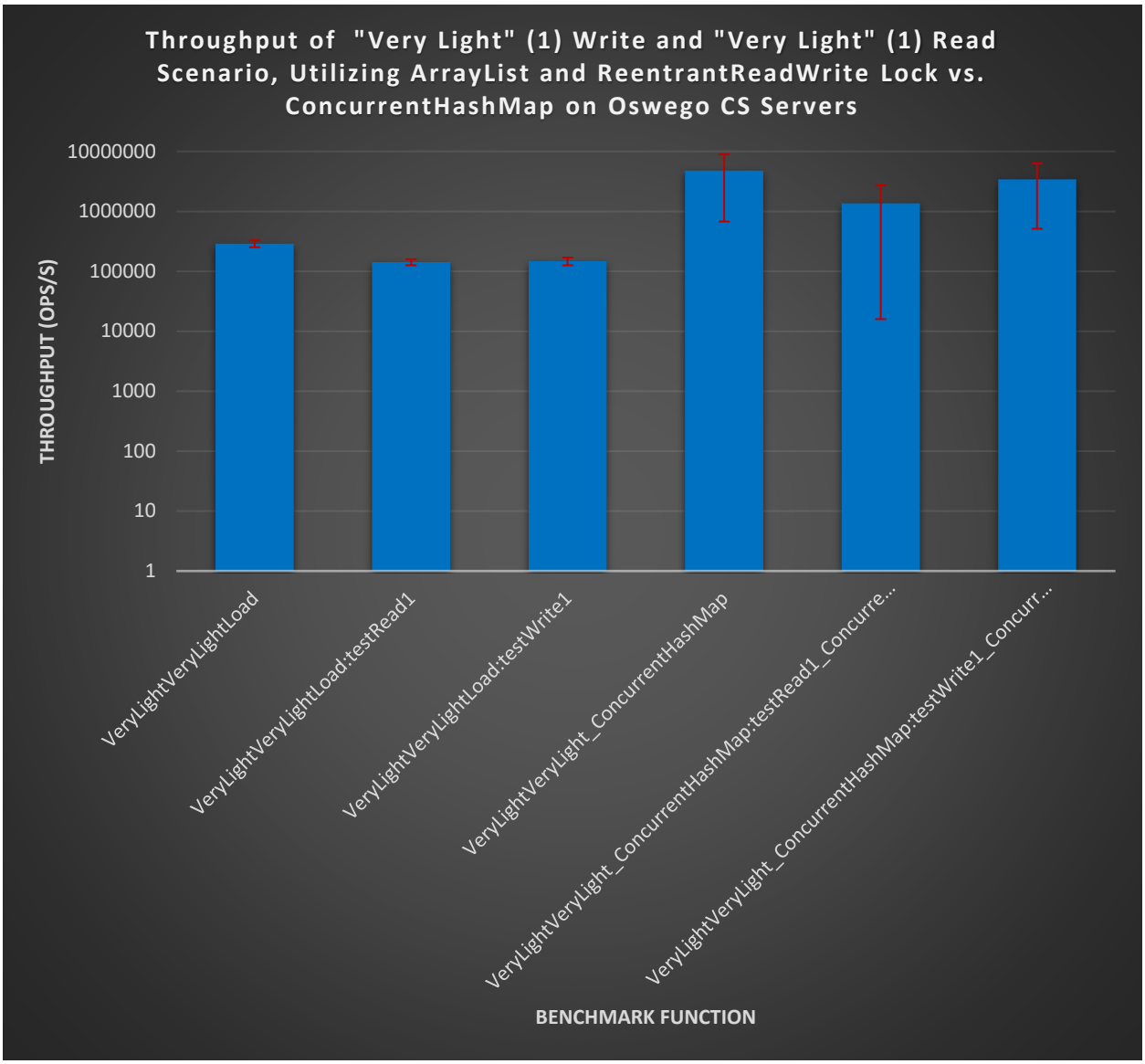

Throughput of "Very Heavy" (40) Write and "Very Light" (1) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
10000000
1000000
100000
10000
1000
100
10
1
VeryHeavyVeryLightLoad
VeryHeavyVeryLightLoad:testRead5
VeryHeavyVeryLightLoad:testWrite5
VeryHeavyVeryLight_ConcurrentHashMap
VeryHeavyVeryLight_ConcurrentHashMap:testRead5_Concurr...
VeryHeavyVeryLight_ConcurrentHashMap:testWrite5_Concur...
BENCHMARK FUNCTION


Throughput of "Very Light" (1) Write and "Heavy" (50) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryLightHeavyLoad
VeryLightHeavyLoad:testRead16
VeryLightHeavyLoad:testWrite16
VeryLightHeavy_ConcurrentHashMap
VeryLightHeavy_ConcurrentHashMap:testRead16_Concurrent...
VeryLightHeavy_ConcurrentHashMap:testWrite16_Concurren...
BENCHMARK FUNCTION


Throughput of "Very Light" (1) Write and "Light" (5) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryLightLightLoad
VeryLightLightLoad:testRead6
VeryLightLightLoad:testWrite6
VeryLightLight_ConcurrentHashMap
VeryLightLight_ConcurrentHashMap:testRead6_ConcurrentHa...
VeryLightLight_ConcurrentHashMap:testWrite6_ConcurrentH...
BENCHMARK FUNCTION


Throughput of "Very Light" (1) Write and "Regular" (10) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryLightRegularLoad
VeryLightRegularLoad:testRead11
VeryLightRegularLoad:testWrite11
VeryLightRegular_ConcurrentHashMap
VeryLightRegular_ConcurrentHashMap:testRead11_Concurre...
VeryLightRegular_ConcurrentHashMap:testWrite11_Concurre...
BENCHMARK FUNCTION


Throughput of "Very Light" (1) Write and "Very Heavy" (100) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
100000000
10000000
1000000
100000
10000
1000
100
10
1
VeryLightVeryHeavyLoad
VeryLightVeryHeavyLoad:testRead21
VeryLightVeryHeavyLoad:testWrite21
VeryLightVeryHeavy_ConcurrentHashMap
VeryLightVeryHeavy_ConcurrentHashMap:testRead21_Concu...
VeryLightVeryHeavy_ConcurrentHashMap:testWrite21_Concu...
BENCHMARK FUNCTION


Throughput of "Very Light" (1) Write and "Very Light" (1) Read Scenario, Utilizing ArrayList and ReentrantReadWrite Lock vs. ConcurrentHashMap on Oswego CS Servers
THROUGHPUT (OPS/S)
10000000
1000000
100000
10000
1000
100
10
1
VeryLightVeryLightLoad
VeryLightVeryLightLoad:testRead1
VeryLightVeryLightLoad:testWrite1
VeryLightVeryLight_ConcurrentHashMap
VeryLightVeryLight_ConcurrentHashMap:testRead1_Concurre...
VeryLightVeryLight_ConcurrentHashMap:testWrite1_Concurr...
BENCHMARK FUNCTION