**MySQL**

**1000 Rows**

[OVERALL], RunTime(ms), 3320

[OVERALL], Throughput(ops/sec), 301.2048192771084

[TOTAL\_GCS\_PS\_Scavenge], Count, 3

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 13

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.391566265060241

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 3

[TOTAL\_GC\_TIME], Time(ms), 13

[TOTAL\_GC\_TIME\_%], Time(%), 0.391566265060241

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 1627.0

[CLEANUP], MinLatency(us), 1627

[CLEANUP], MaxLatency(us), 1627

[CLEANUP], 95thPercentileLatency(us), 1627

[CLEANUP], 99thPercentileLatency(us), 1627

[INSERT], Operations, 1000

[INSERT], AverageLatency(us), 2899.013

[INSERT], MinLatency(us), 1774

[INSERT], MaxLatency(us), 41407

[INSERT], 95thPercentileLatency(us), 4955

[INSERT], 99thPercentileLatency(us), 8159

[INSERT], Return=OK, 1000

**Workloada:**

[OVERALL], RunTime(ms), 2287

[OVERALL], Throughput(ops/sec), 437.25404459991256

[TOTAL\_GCS\_PS\_Scavenge], Count, 2

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 7

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.3060778312199388

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 2

[TOTAL\_GC\_TIME], Time(ms), 7

[TOTAL\_GC\_TIME\_%], Time(%), 0.3060778312199388

[READ], Operations, 523

[READ], AverageLatency(us), 482.0152963671128

[READ], MinLatency(us), 150

[READ], MaxLatency(us), 11735

[READ], 95thPercentileLatency(us), 1111

[READ], 99thPercentileLatency(us), 3599

[READ], Return=OK, 523

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2393.0

[CLEANUP], MinLatency(us), 2392

[CLEANUP], MaxLatency(us), 2393

[CLEANUP], 95thPercentileLatency(us), 2393

[CLEANUP], 99thPercentileLatency(us), 2393

[UPDATE], Operations, 477

[UPDATE], AverageLatency(us), 3349.1278825995805

[UPDATE], MinLatency(us), 1851

[UPDATE], MaxLatency(us), 22207

[UPDATE], 95thPercentileLatency(us), 5531

[UPDATE], 99thPercentileLatency(us), 7819

[UPDATE], Return=OK, 477

**Workloadb:**

[OVERALL], RunTime(ms), 1018

[OVERALL], Throughput(ops/sec), 982.3182711198428

[TOTAL\_GCS\_PS\_Scavenge], Count, 2

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 8

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.7858546168958742

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 2

[TOTAL\_GC\_TIME], Time(ms), 8

[TOTAL\_GC\_TIME\_%], Time(%), 0.7858546168958742

[READ], Operations, 945

[READ], AverageLatency(us), 329.82751322751324

[READ], MinLatency(us), 117

[READ], MaxLatency(us), 24351

[READ], 95thPercentileLatency(us), 545

[READ], 99thPercentileLatency(us), 1635

[READ], Return=OK, 945

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 1823.0

[CLEANUP], MinLatency(us), 1823

[CLEANUP], MaxLatency(us), 1823

[CLEANUP], 95thPercentileLatency(us), 1823

[CLEANUP], 99thPercentileLatency(us), 1823

[UPDATE], Operations, 55

[UPDATE], AverageLatency(us), 4932.490909090909

[UPDATE], MinLatency(us), 2204

[UPDATE], MaxLatency(us), 30495

[UPDATE], 95thPercentileLatency(us), 6903

[UPDATE], 99thPercentileLatency(us), 10567

[UPDATE], Return=OK, 55

**Workloadc:**

[OVERALL], RunTime(ms), 26271

[OVERALL], RunTime(ms), 813

[OVERALL], Throughput(ops/sec), 1230.0123001230013

[TOTAL\_GCS\_PS\_Scavenge], Count, 2

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 12

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 1.4760147601476015

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 2

[TOTAL\_GC\_TIME], Time(ms), 12

[TOTAL\_GC\_TIME\_%], Time(%), 1.4760147601476015

[READ], Operations, 1000

[READ], AverageLatency(us), 429.404

[READ], MinLatency(us), 127

[READ], MaxLatency(us), 41919

[READ], 95thPercentileLatency(us), 1123

[READ], 99thPercentileLatency(us), 3399

[READ], Return=OK, 1000

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 1463.0

[CLEANUP], MinLatency(us), 1463

[CLEANUP], MaxLatency(us), 1463

[CLEANUP], 95thPercentileLatency(us), 1463

[CLEANUP], 99thPercentileLatency(us), 1463

**10000 Rows**

[OVERALL], RunTime(ms), 26271

[OVERALL], Throughput(ops/sec), 380.64786266225116

[TOTAL\_GCS\_PS\_Scavenge], Count, 17

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 30

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.11419435879867536

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 17

[TOTAL\_GC\_TIME], Time(ms), 30

[TOTAL\_GC\_TIME\_%], Time(%), 0.11419435879867536

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2461.0

[CLEANUP], MinLatency(us), 2460

[CLEANUP], MaxLatency(us), 2461

[CLEANUP], 95thPercentileLatency(us), 2461

[CLEANUP], 99thPercentileLatency(us), 2461

[INSERT], Operations, 10000

[INSERT], AverageLatency(us), 2551.7565

[INSERT], MinLatency(us), 1566

[INSERT], MaxLatency(us), 29999

[INSERT], 95thPercentileLatency(us), 3589

[INSERT], 99thPercentileLatency(us), 5631

[INSERT], Return=OK, 10000

**Workloada:**

[OVERALL], RunTime(ms), 14293

[OVERALL], Throughput(ops/sec), 699.6431819771916

[TOTAL\_GCS\_PS\_Scavenge], Count, 10

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 23

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.1609179318547541

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 10

[TOTAL\_GC\_TIME], Time(ms), 23

[TOTAL\_GC\_TIME\_%], Time(%), 0.1609179318547541

[READ], Operations, 5014

[READ], AverageLatency(us), 196.57618667730355

[READ], MinLatency(us), 84

[READ], MaxLatency(us), 43391

[READ], 95thPercentileLatency(us), 396

[READ], 99thPercentileLatency(us), 845

[READ], Return=OK, 5014

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 1494.0

[CLEANUP], MinLatency(us), 1494

[CLEANUP], MaxLatency(us), 1494

[CLEANUP], 95thPercentileLatency(us), 1494

[CLEANUP], 99thPercentileLatency(us), 1494

[UPDATE], Operations, 4986

[UPDATE], AverageLatency(us), 2588.0407139991976

[UPDATE], MinLatency(us), 1658

[UPDATE], MaxLatency(us), 31439

[UPDATE], 95thPercentileLatency(us), 3823

[UPDATE], 99thPercentileLatency(us), 6483

[UPDATE], Return=OK, 4986

**Workloadb:**

[OVERALL], RunTime(ms), 3667

[OVERALL], Throughput(ops/sec), 2727.024815925825

[TOTAL\_GCS\_PS\_Scavenge], Count, 13

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 24

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.654485955822198

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 13

[TOTAL\_GC\_TIME], Time(ms), 24

[TOTAL\_GC\_TIME\_%], Time(%), 0.654485955822198

[READ], Operations, 9506

[READ], AverageLatency(us), 163.48990111508522

[READ], MinLatency(us), 68

[READ], MaxLatency(us), 22495

[READ], 95thPercentileLatency(us), 324

[READ], 99thPercentileLatency(us), 707

[READ], Return=OK, 9506

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 1906.0

[CLEANUP], MinLatency(us), 1906

[CLEANUP], MaxLatency(us), 1906

[CLEANUP], 95thPercentileLatency(us), 1906

[CLEANUP], 99thPercentileLatency(us), 1906

[UPDATE], Operations, 494

[UPDATE], AverageLatency(us), 3438.931174089069

[UPDATE], MinLatency(us), 1773

[UPDATE], MaxLatency(us), 19759

[UPDATE], 95thPercentileLatency(us), 5763

[UPDATE], 99thPercentileLatency(us), 8951

[UPDATE], Return=OK, 494

**Workloadc:**

[OVERALL], RunTime(ms), 1766

[OVERALL], Throughput(ops/sec), 5662.5141562853905

[TOTAL\_GCS\_PS\_Scavenge], Count, 6

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 17

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.9626274065685164

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 6

[TOTAL\_GC\_TIME], Time(ms), 17

[TOTAL\_GC\_TIME\_%], Time(%), 0.9626274065685164

[READ], Operations, 10000

[READ], AverageLatency(us), 136.4245

[READ], MinLatency(us), 77

[READ], MaxLatency(us), 22111

[READ], 95thPercentileLatency(us), 257

[READ], 99thPercentileLatency(us), 403

[READ], Return=OK, 10000

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 1412.0

[CLEANUP], MinLatency(us), 1412

[CLEANUP], MaxLatency(us), 1412

[CLEANUP], 95thPercentileLatency(us), 1412

[CLEANUP], 99thPercentileLatency(us), 1412

**50000 Rows**

[OVERALL], RunTime(ms), 151255

[OVERALL], Throughput(ops/sec), 330.56758454265974

[TOTAL\_GCS\_PS\_Scavenge], Count, 79

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 86

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.05685762454133747

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 79

[TOTAL\_GC\_TIME], Time(ms), 86

[TOTAL\_GC\_TIME\_%], Time(%), 0.05685762454133747

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2821.0

[CLEANUP], MinLatency(us), 2820

[CLEANUP], MaxLatency(us), 2821

[CLEANUP], 95thPercentileLatency(us), 2821

[CLEANUP], 99thPercentileLatency(us), 2821

[INSERT], Operations, 50000

[INSERT], AverageLatency(us), 3010.30282

[INSERT], MinLatency(us), 1245

[INSERT], MaxLatency(us), 57695

[INSERT], 95thPercentileLatency(us), 5287

[INSERT], 99thPercentileLatency(us), 13071

[INSERT], Return=OK, 50000

**Workloada:**

[OVERALL], RunTime(ms), 93680

[OVERALL], Throughput(ops/sec), 533.731853116994

[TOTAL\_GCS\_PS\_Scavenge], Count, 42

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 66

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.0704526046114432

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 42

[TOTAL\_GC\_TIME], Time(ms), 66

[TOTAL\_GC\_TIME\_%], Time(%), 0.0704526046114432

[READ], Operations, 25133

[READ], AverageLatency(us), 262.01356781920185

[READ], MinLatency(us), 76

[READ], MaxLatency(us), 19903

[READ], 95thPercentileLatency(us), 568

[READ], 99thPercentileLatency(us), 1317

[READ], Return=OK, 25133

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2659.0

[CLEANUP], MinLatency(us), 2658

[CLEANUP], MaxLatency(us), 2659

[CLEANUP], 95thPercentileLatency(us), 2659

[CLEANUP], 99thPercentileLatency(us), 2659

[UPDATE], Operations, 24867

[UPDATE], AverageLatency(us), 3468.3562954920176

[UPDATE], MinLatency(us), 1661

[UPDATE], MaxLatency(us), 187007

[UPDATE], 95thPercentileLatency(us), 6563

[UPDATE], 99thPercentileLatency(us), 13703

[UPDATE], Return=OK, 24867

**Workloadb:**

[OVERALL], RunTime(ms), 14513

[OVERALL], Throughput(ops/sec), 3445.1870736580995

[TOTAL\_GCS\_PS\_Scavenge], Count, 22

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 46

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.31695721077654515

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 22

[TOTAL\_GC\_TIME], Time(ms), 46

[TOTAL\_GC\_TIME\_%], Time(%), 0.31695721077654515

[READ], Operations, 47505

[READ], AverageLatency(us), 134.78928533838544

[READ], MinLatency(us), 64

[READ], MaxLatency(us), 25391

[READ], 95thPercentileLatency(us), 235

[READ], 99thPercentileLatency(us), 430

[READ], Return=OK, 47505

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2285.0

[CLEANUP], MinLatency(us), 2284

[CLEANUP], MaxLatency(us), 2285

[CLEANUP], 95thPercentileLatency(us), 2285

[CLEANUP], 99thPercentileLatency(us), 2285

[UPDATE], Operations, 2495

[UPDATE], AverageLatency(us), 3031.891783567134

[UPDATE], MinLatency(us), 1648

[UPDATE], MaxLatency(us), 20703

[UPDATE], 95thPercentileLatency(us), 5267

[UPDATE], 99thPercentileLatency(us), 8543

[UPDATE], Return=OK, 2495

**Workloadc:**

[OVERALL], RunTime(ms), 5828

[OVERALL], Throughput(ops/sec), 8579.272477693892

[TOTAL\_GCS\_PS\_Scavenge], Count, 13

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 31

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.5319148936170213

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 13

[TOTAL\_GC\_TIME], Time(ms), 31

[TOTAL\_GC\_TIME\_%], Time(%), 0.5319148936170213

[READ], Operations, 50000

[READ], AverageLatency(us), 106.78796

[READ], MinLatency(us), 61

[READ], MaxLatency(us), 24735

[READ], 95thPercentileLatency(us), 187

[READ], 99thPercentileLatency(us), 290

[READ], Return=OK, 50000

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 1896.0

[CLEANUP], MinLatency(us), 1896

[CLEANUP], MaxLatency(us), 1896

[CLEANUP], 95thPercentileLatency(us), 1896

[CLEANUP], 99thPercentileLatency(us), 1896

**100000 Rows**

[OVERALL], RunTime(ms), 278758

[OVERALL], Throughput(ops/sec), 358.7340991110569

[TOTAL\_GCS\_PS\_Scavenge], Count, 124

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 127

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.045559230587104226

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 124

[TOTAL\_GC\_TIME], Time(ms), 127

[TOTAL\_GC\_TIME\_%], Time(%), 0.045559230587104226

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2337.0

[CLEANUP], MinLatency(us), 2336

[CLEANUP], MaxLatency(us), 2337

[CLEANUP], 95thPercentileLatency(us), 2337

[CLEANUP], 99thPercentileLatency(us), 2337

[INSERT], Operations, 100000

[INSERT], AverageLatency(us), 2780.55068

[INSERT], MinLatency(us), 1595

[INSERT], MaxLatency(us), 63935

[INSERT], 95thPercentileLatency(us), 4663

[INSERT], 99thPercentileLatency(us), 8639

[INSERT], Return=OK, 100000

**Workloada:**

[OVERALL], RunTime(ms), 148935

[OVERALL], Throughput(ops/sec), 671.4338469802262

[TOTAL\_GCS\_PS\_Scavenge], Count, 61

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 76

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.051028972370497194

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 61

[TOTAL\_GC\_TIME], Time(ms), 76

[TOTAL\_GC\_TIME\_%], Time(%), 0.051028972370497194

[READ], Operations, 49965

[READ], AverageLatency(us), 164.47477234063845

[READ], MinLatency(us), 71

[READ], MaxLatency(us), 25103

[READ], 95thPercentileLatency(us), 306

[READ], 99thPercentileLatency(us), 691

[READ], Return=OK, 49965

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 1527.0

[CLEANUP], MinLatency(us), 1527

[CLEANUP], MaxLatency(us), 1527

[CLEANUP], 95thPercentileLatency(us), 1527

[CLEANUP], 99thPercentileLatency(us), 1527

[UPDATE], Operations, 50035

[UPDATE], AverageLatency(us), 2797.9447586689316

[UPDATE], MinLatency(us), 1228

[UPDATE], MaxLatency(us), 61151

[UPDATE], 95thPercentileLatency(us), 4995

[UPDATE], 99thPercentileLatency(us), 8687

[UPDATE], Return=OK, 50035

**Workloadb:**

[OVERALL], RunTime(ms), 27062

[OVERALL], Throughput(ops/sec), 3695.218387406696

[TOTAL\_GCS\_PS\_Scavenge], Count, 95

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 96

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.3547409651910428

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 95

[TOTAL\_GC\_TIME], Time(ms), 96

[TOTAL\_GC\_TIME\_%], Time(%), 0.3547409651910428

[READ], Operations, 94960

[READ], AverageLatency(us), 124.48488837405223

[READ], MinLatency(us), 63

[READ], MaxLatency(us), 21231

[READ], 95thPercentileLatency(us), 203

[READ], 99thPercentileLatency(us), 349

[READ], Return=OK, 94960

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 1876.0

[CLEANUP], MinLatency(us), 1876

[CLEANUP], MaxLatency(us), 1876

[CLEANUP], 95thPercentileLatency(us), 1876

[CLEANUP], 99thPercentileLatency(us), 1876

[UPDATE], Operations, 5040

[UPDATE], AverageLatency(us), 2901.647023809524

[UPDATE], MinLatency(us), 1710

[UPDATE], MaxLatency(us), 21231

[UPDATE], 95thPercentileLatency(us), 5071

[UPDATE], 99thPercentileLatency(us), 7443

[UPDATE], Return=OK, 5040

**Workloadc:**

[OVERALL], RunTime(ms), 11575

[OVERALL], Throughput(ops/sec), 8639.308855291576

[TOTAL\_GCS\_PS\_Scavenge], Count, 24

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 42

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.36285097192224625

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 24

[TOTAL\_GC\_TIME], Time(ms), 42

[TOTAL\_GC\_TIME\_%], Time(%), 0.36285097192224625

[READ], Operations, 100000

[READ], AverageLatency(us), 110.37237

[READ], MinLatency(us), 61

[READ], MaxLatency(us), 23279

[READ], 95thPercentileLatency(us), 184

[READ], 99thPercentileLatency(us), 295

[READ], Return=OK, 100000

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2089.0

[CLEANUP], MinLatency(us), 2088

[CLEANUP], MaxLatency(us), 2089

[CLEANUP], 95thPercentileLatency(us), 2089

[CLEANUP], 99thPercentileLatency(us), 2089

**200000 Rows**

[CLEANUP], 99thPercentileLatency(us), 2089

[OVERALL], RunTime(ms), 610913

[OVERALL], Throughput(ops/sec), 327.3788575460008

[TOTAL\_GCS\_PS\_Scavenge], Count, 257

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 292

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.047797313201716124

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 257

[TOTAL\_GC\_TIME], Time(ms), 292

[TOTAL\_GC\_TIME\_%], Time(%), 0.047797313201716124

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 1732.0

[CLEANUP], MinLatency(us), 1732

[CLEANUP], MaxLatency(us), 1732

[CLEANUP], 95thPercentileLatency(us), 1732

[CLEANUP], 99thPercentileLatency(us), 1732

[INSERT], Operations, 200000

[INSERT], AverageLatency(us), 3048.88197

[INSERT], MinLatency(us), 1189

[INSERT], MaxLatency(us), 93119

[INSERT], 95thPercentileLatency(us), 5431

[INSERT], 99thPercentileLatency(us), 13519

[INSERT], Return=OK, 200000

**Workloada:**

[OVERALL], RunTime(ms), 329985

[OVERALL], Throughput(ops/sec), 606.0881555222207

[TOTAL\_GCS\_PS\_Scavenge], Count, 170

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 197

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.05969968331893874

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 170

[TOTAL\_GC\_TIME], Time(ms), 197

[TOTAL\_GC\_TIME\_%], Time(%), 0.05969968331893874

[READ], Operations, 100153

[READ], AverageLatency(us), 194.0111529360079

[READ], MinLatency(us), 66

[READ], MaxLatency(us), 26351

[READ], 95thPercentileLatency(us), 346

[READ], 99thPercentileLatency(us), 1068

[READ], Return=OK, 100153

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 1459.0

[CLEANUP], MinLatency(us), 1459

[CLEANUP], MaxLatency(us), 1459

[CLEANUP], 95thPercentileLatency(us), 1459

[CLEANUP], 99thPercentileLatency(us), 1459

[UPDATE], Operations, 99847

[UPDATE], AverageLatency(us), 3099.491862549701

[UPDATE], MinLatency(us), 1594

[UPDATE], MaxLatency(us), 101439

[UPDATE], 95thPercentileLatency(us), 5543

[UPDATE], 99thPercentileLatency(us), 12623

[UPDATE], Return=OK, 99847

**Workloadb:**

[OVERALL], RunTime(ms), 59593

[OVERALL], Throughput(ops/sec), 3356.09887067273

[TOTAL\_GCS\_PS\_Scavenge], Count, 222

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 248

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.4161562599634185

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 222

[TOTAL\_GC\_TIME], Time(ms), 248

[TOTAL\_GC\_TIME\_%], Time(%), 0.4161562599634185

[READ], Operations, 189854

[READ], AverageLatency(us), 149.52578297007173

[READ], MinLatency(us), 64

[READ], MaxLatency(us), 17263

[READ], 95thPercentileLatency(us), 248

[READ], 99thPercentileLatency(us), 491

[READ], Return=OK, 189854

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 3251.0

[CLEANUP], MinLatency(us), 3250

[CLEANUP], MaxLatency(us), 3251

[CLEANUP], 95thPercentileLatency(us), 3251

[CLEANUP], 99thPercentileLatency(us), 3251

[UPDATE], Operations, 10146

[UPDATE], AverageLatency(us), 2989.87936132466

[UPDATE], MinLatency(us), 1723

[UPDATE], MaxLatency(us), 28975

[UPDATE], 95thPercentileLatency(us), 4995

[UPDATE], 99thPercentileLatency(us), 7895

[UPDATE], Return=OK, 10146

**Workloadc:**

[OVERALL], RunTime(ms), 24919

[OVERALL], Throughput(ops/sec), 8026.004253782255

[TOTAL\_GCS\_PS\_Scavenge], Count, 172

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 166

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.6661583530639271

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 172

[TOTAL\_GC\_TIME], Time(ms), 166

[TOTAL\_GC\_TIME\_%], Time(%), 0.6661583530639271

[READ], Operations, 200000

[READ], AverageLatency(us), 121.04778

[READ], MinLatency(us), 62

[READ], MaxLatency(us), 22559

[READ], 95thPercentileLatency(us), 210

[READ], 99thPercentileLatency(us), 359

[READ], Return=OK, 200000

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2063.0

[CLEANUP], MinLatency(us), 2062

[CLEANUP], MaxLatency(us), 2063

[CLEANUP], 95thPercentileLatency(us), 2063

[CLEANUP], 99thPercentileLatency(us), 2063

**Workloadg:**

[OVERALL], RunTime(ms), 612627

[OVERALL], Throughput(ops/sec), 326.4629211575722

[TOTAL\_GCS\_PS\_Scavenge], Count, 78

[TOTAL\_GC\_TIME\_PS\_Scavenge], Time(ms), 87

[TOTAL\_GC\_TIME\_%\_PS\_Scavenge], Time(%), 0.014201137070354392

[TOTAL\_GCS\_PS\_MarkSweep], Count, 0

[TOTAL\_GC\_TIME\_PS\_MarkSweep], Time(ms), 0

[TOTAL\_GC\_TIME\_%\_PS\_MarkSweep], Time(%), 0.0

[TOTAL\_GCs], Count, 78

[TOTAL\_GC\_TIME], Time(ms), 87

[TOTAL\_GC\_TIME\_%], Time(%), 0.014201137070354392

[CLEANUP], Operations, 1

[CLEANUP], AverageLatency(us), 2191.0

[CLEANUP], MinLatency(us), 2190

[CLEANUP], MaxLatency(us), 2191

[CLEANUP], 95thPercentileLatency(us), 2191

[CLEANUP], 99thPercentileLatency(us), 2191

[UPDATE], Operations, 200000

[UPDATE], AverageLatency(us), 3056.968895

[UPDATE], MinLatency(us), 1417

[UPDATE], MaxLatency(us), 75199

[UPDATE], 95thPercentileLatency(us), 5655

[UPDATE], 99thPercentileLatency(us), 12895

[UPDATE], Return=OK, 200000