| Program | Algorithm | Pages | Frames | Page Faults | Disk Reads | Disk Writes | | | | |
|---------|-----------|-------|-----------------|-------------|------------|-------------|--|--|--|--|
| Alpha | Rand | 100 | 10 | 492 | 296 | 196 | Alpha Pandom | | | |
| Alpha | Rand | 100 | 20 | 461 | 278 | 183 | Alpha - Random — Page Faults — Disk Reads — Disk Writes | | | |
| Alpha | Rand | 100 | 30 | 438 | 265 | 172 | | | | |
| Alpha | Rand | 100 | 40 | 409 | 244 | 154 | 500 | | | |
| Alpha | Rand | 100 | 50 | 374 | 224 | 139 | 300 | | | |
| Alpha | Rand | 100 | 60 | 351 | 207 | 128 | | | | |
| Alpha | Rand | 100 | 70 | 296 | 172 | 89 | 100 | | | |
| Alpha | Rand | 100 | 80 | 276 | 152 | 68 | | | | |
| Alpha | Rand | 100 | 90 | 233 | 124 | 32 | Number of France | | | |
| Alpha | Rand | 100 | 100 | 200 | 100 | 0 | Number of Frames | | | |
| | | | Number of Frame | Page Faults | Disk Reads | Disk Writes | | | | |
| Alpha | Fifo | 100 | 10 | 484 | 292 | 192 | Alpha Fifo | | | |
| Alpha | Fifo | 100 | 20 | 465 | 281 | 184 | Alpha - Fifo | | | |
| Alpha | Fifo | 100 | 30 | 447 | 272 | 175 | | | | |
| Alpha | Fifo | 100 | 40 | 423 | 258 | 165 | 500 | | | |
| Alpha | Fifo | 100 | 50 | 386 | 229 | 157 | 300 | | | |
| Alpha | Fifo | 100 | 60 | 345 | 200 | 140 | | | | |
| Alpha | Fifo | 100 | 70 | 336 | 200 | 130 | 100 | | | |
| Alpha | Fifo | 100 | 80 | 332 | 200 | 120 | | | | |
| Alpha | Fifo | 100 | 90 | 315 | 200 | 110 | Number of Farmer | | | |
| Alpha | Fifo | 100 | 100 | 200 | 100 | 0 | Number of Frames | | | |
| | | | Number of Frame | Page Faults | Disk Reads | Disk Writes | | | | |
| Alpha | Custom | 100 | 10 | 475 | 283 | 183 | Alpha - Custom | | | |
| Alpha | Custom | 100 | 20 | 449 | 265 | 165 | ' | | | |
| Alpha | Custom | 100 | 30 | 421 | 246 | 146 | | | | |
| Alpha | Custom | 100 | 40 | 391 | 226 | 126 | 500 | | | |
| Alpha | Custom | 100 | 50 | 365 | 208 | 108 | | | | |
| Alpha | Custom | 100 | 60 | 331 | 186 | 86 | | | | |
| Alpha | Custom | 100 | 70 | 303 | 167 | 67 | 100 | | | |
| Alpha | Custom | 100 | 80 | 285 | 153 | 53 | | | | |
| Alpha | Custom | 100 | 90 | 241 | 126 | 26 | Number of France | | | |
| Alpha | Custom | 100 | 100 | 200 | 100 | 0 | Number of Frames | | | |

| Program | Algorithm | Pages | Frames | Page Faults | Disk Reads | Disk Writes | | | | | | | |
|---------|-----------|-------|--------|-------------|------------|-------------|--|-------------|---------|------------|-------|--------------|-----|
| Beta | Rand | 100 | 10 | 1731 | 10086 | 645 | Beta - | Rando | nm. | | | | |
| Beta | Rand | 100 | 20 | 1333 | 816 | 517 | | | | . D I - | | D:-1-14/-it- | |
| Beta | Rand | 100 | 30 | 1149 | 695 | 453 | _ | e Faults | Disi | k Reads | | Disk Write | es |
| Beta | Rand | 100 | 40 | 1001 | 591 | 406 | 12500 — 10000 — | | | | | | |
| Beta | Rand | 100 | 50 | 874 | 512 | 348 | 7500 | | | | | | |
| Beta | Rand | 100 | 60 | 709 | 406 | 283 | 5000 | | | | | | |
| Beta | Rand | 100 | 70 | 615 | 349 | 239 | 2500 | <u> </u> | | | | | |
| Beta | Rand | 100 | 80 | 473 | 264 | 164 | | | | | 100 | | |
| Beta | Rand | 100 | 90 | 364 | 192 | 97 | | | Niconak | er of Fra | | | |
| Beta | Rand | 100 | 100 | 200 | 100 | 0 | | | Nume | ber of Fra | imes | | |
| | | | Frames | Page Faults | Disk Reads | Disk Writes | | | | | | | |
| Beta | Fifo | 100 | 10 | 1612 | 1008 | 604 | Beta - | Fifo | | | | | |
| Beta | Fifo | 100 | 20 | 1300 | 800 | 500 | ■ Page Faults ■ Disk Reads ■ Disk Writes | | | | | | |
| Beta | Fifo | 100 | 30 | 1000 | 600 | 400 | | | | | | es | |
| Beta | Fifo | 100 | 40 | 1000 | 600 | 400 | 2000 — | | | | | | |
| Beta | Fifo | 100 | 50 | 800 | 500 | 300 | 1500 1000 | | | | | | |
| Beta | Fifo | 100 | 60 | 700 | 400 | 300 | 500 | | | | | | |
| Beta | Fifo | 100 | 70 | 700 | 400 | 300 | 0 | | | | | | |
| Beta | Fifo | 100 | 80 | 700 | 400 | 300 | _ | 20 | 40 | 60 | | 80 | 100 |
| Beta | Fifo | 100 | 90 | 700 | 400 | 300 | Number of Frames | | | | | | |
| Beta | Fifo | 100 | 100 | 200 | 100 | 0 | | | Numb | er of Frai | mes | | |
| | | | Frames | Page Faults | Disk Reads | Disk Writes | | | | | | | |
| Beta | Custom | 100 | 10 | 1430429 | 1429825 | 595 | Б. (| 0 1 | | | | | |
| Beta | Custom | 100 | 20 | 706577 | 706077 | 481 | Beta - | Custo | m | | | | |
| Beta | Custom | 100 | 30 | 344959 | 344559 | 371 | Page FaultsDisk ReadsDisk Writes | | | | s | | |
| Beta | Custom | 100 | 40 | 181355 | 180955 | 361 | 1500000 | | | | | | |
| Beta | Custom | 100 | 50 | 18303 | 18003 | 251 | 1000000 - | \setminus | | | | | |
| Beta | Custom | 100 | 60 | 682 | 382 | 241 | 500000 - | | | | | | |
| Beta | Custom | 100 | 70 | 662 | 362 | 231 | | | | | | | |
| Beta | Custom | 100 | 80 | 642 | 342 | 221 | 0 - | 20 | 40 | 60 |) | 80 | 100 |
| Beta | Custom | 100 | 90 | 622 | 322 | 211 | | | | | | | |
| Beta | Custom | 100 | 100 | 200 | 100 | 0 | | | Num | ber of Fr | rames | ; | |

| Program | Algorithm | Pages | Frames | Page Faults | Disk Reads | Disk Writes | | | | | | |
|---------|-----------|-------|--------|-------------|------------|-------------|--|--|--|--|--|--|
| Gamma | Rand | 100 | 10 | 1262 | 1160 | 102 | | | | | | |
| Gamma | Rand | 100 | 20 | 1221 | 1120 | 101 | Gamma - Random — Page Faults — Disk Reads — Disk Writes | | | | | |
| Gamma | Rand | 100 | 30 | 1182 | 1081 | 101 | | | | | | |
| Gamma | Rand | 100 | 40 | 1113 | 1013 | 100 | | | | | | |
| Gamma | Rand | 100 | 50 | 1017 | 917 | 100 | | | | | | |
| Gamma | Rand | 100 | 60 | 873 | 773 | 100 | 1000 | | | | | |
| Gamma | Rand | 100 | 70 | 730 | 630 | 100 | 500 | | | | | |
| Gamma | Rand | 100 | 80 | 569 | 469 | 98 | 0 | | | | | |
| Gamma | Rand | 100 | 90 | 395 | 295 | 92 | 20 40 60 80 100 | | | | | |
| Gamma | Rand | 100 | 100 | 200 | 100 | 0 | Number of Frames | | | | | |
| | | | Frames | Page Faults | Disk Reads | Disk Writes | Number of Frames | | | | | |
| Gamma | Fifo | 100 | 10 | 1200 | 1100 | 100 | | | | | | |
| Gamma | Fifo | 100 | 20 | 1200 | 1100 | 100 | Gamma - Fifo | | | | | |
| Gamma | Fifo | 100 | 30 | 1200 | 1100 | 100 | ■ Page Faults ■ Disk Reads ■ Disk Writes | | | | | |
| Gamma | Fifo | 100 | 40 | 1200 | 1100 | 100 | | | | | | |
| Gamma | Fifo | 100 | 50 | 1200 | 1100 | 100 | 1250 | | | | | |
| Gamma | Fifo | 100 | 60 | 1200 | 1100 | 100 | 750 | | | | | |
| Gamma | Fifo | 100 | 70 | 1200 | 1100 | 100 | 500 250 | | | | | |
| Gamma | Fifo | 100 | 80 | 1200 | 1100 | 100 | 0 | | | | | |
| Gamma | Fifo | 100 | 90 | 1200 | 1100 | 100 | 20 40 60 80 100 | | | | | |
| Gamma | Fifo | 100 | 100 | 200 | 100 | 0 | Number of Frames | | | | | |
| | | | Frames | Page Faults | Disk Reads | Disk Writes | Hamber of Frames | | | | | |
| Gamma | Custom | 100 | 10 | 3686610 | 3686510 | 91 | | | | | | |
| Gamma | Custom | 100 | 20 | 3277010 | 3276910 | 81 | Gamma - Custom | | | | | |
| Gamma | Custom | 100 | 30 | 2867410 | 2867310 | 71 | ■ Page Faults ■ Disk Reads ■ Disk Writes | | | | | |
| Gamma | Custom | 100 | 40 | 2457810 | 2457710 | 61 | 4000000 | | | | | |
| Gamma | Custom | 100 | 50 | 2048210 | 2048110 | 51 | 3000000 | | | | | |
| Gamma | Custom | 100 | 60 | 1638610 | 1638510 | 41 | 2000000 | | | | | |
| Gamma | Custom | 100 | 70 | 1229010 | 1228910 | 31 | 1000000 | | | | | |
| Gamma | Custom | 100 | 80 | 819410 | 819310 | 21 | 0 | | | | | |
| Gamma | Custom | 100 | 90 | 409810 | 409710 | 11 | 20 40 60 80 100 | | | | | |
| | | | | | 100 | 0 | | | | | | |

| Program | Algorithm | Pages | Frames | Page Faults | Disk Reads | Disk Writes | | | | | | |
|---------|-----------|-------|--------|-------------|------------|-------------|--|--|--|--|--|--|
| Delta | Rand | 100 | 10 | 2058 | 1958 | 100 | | | | | | |
| Delta | Rand | 100 | 20 | 1926 | 1826 | 100 | Delta - Random | | | | | |
| Delta | Rand | 100 | 30 | 1778 | 1678 | 100 | Page Faults Disk Reads Disk Writes | | | | | |
| Delta | Rand | 100 | 40 | 1646 | 1546 | 100 | | | | | | |
| Delta | Rand | 100 | 50 | 1477 | 1377 | 100 | 2500 | | | | | |
| Pelta | Rand | 100 | 60 | 1247 | 1147 | 100 | 1500 | | | | | |
| Delta | Rand | 100 | 70 | 1036 | 936 | 100 | 1000 | | | | | |
| Delta | Rand | 100 | 80 | 772 | 672 | 100 | 500 | | | | | |
| Delta | Rand | 100 | 90 | 501 | 401 | 99 | 20 40 60 80 100 | | | | | |
| Delta | Rand | 100 | 100 | 200 | 100 | 0 | Number of Frames | | | | | |
| Delta | | | Frames | Page Faults | Disk Reads | Disk Writes | Nullibel Of Frames | | | | | |
| Delta | Fifo | 100 | 10 | 2010 | 1910 | 100 | | | | | | |
| Delta | Fifo | 100 | 20 | 1820 | 1720 | 100 | Delta- Fifo | | | | | |
| Delta | Fifo | 100 | 30 | 1630 | 1530 | 100 | | | | | | |
| Delta | Fifo | 100 | 40 | 1440 | 1340 | 100 | Page Faults Disk Reads Disk Writes | | | | | |
| Delta | Fifo | 100 | 50 | 1250 | 1150 | 100 | 2000 | | | | | |
| Delta | Fifo | 100 | 60 | 1240 | 1140 | 100 | 1500 | | | | | |
| Delta | Fifo | 100 | 70 | 1230 | 1130 | 100 | 1000 | | | | | |
| Delta | Fifo | 100 | 80 | 1220 | 1120 | 100 | 500 | | | | | |
| Delta | Fifo | 100 | 90 | 1210 | 1110 | 100 | 20 40 60 80 100 | | | | | |
| Delta | Fifo | 100 | 100 | 200 | 100 | 0 | Number of Frames | | | | | |
| Delta | | | Frames | Page Faults | Disk Reads | Disk Writes | Number of Frames | | | | | |
| Delta | Custom | 100 | 10 | 2001 | 1901 | 91 | | | | | | |
| Delta | Custom | 100 | 20 | 1801 | 1710 | 81 | Delta - Custom | | | | | |
| Delta | Custom | 100 | 30 | 1601 | 1501 | 71 | | | | | | |
| Delta | Custom | 100 | 40 | 1401 | 1301 | 61 | Page Faults Disk Reads Disk Writes | | | | | |
| Delta | Custom | 100 | 50 | 1201 | 1101 | 51 | 2500 | | | | | |
| Delta | Custom | 100 | 60 | 1001 | 901 | 41 | 1500 | | | | | |
| Delta | Custom | 100 | 70 | 801 | 701 | 31 | 1000 | | | | | |
| Delta | Custom | 100 | 80 | 601 | 501 | 21 | 500 | | | | | |
| Delta | Custom | 100 | 90 | 401 | 301 | 11 | 20 40 60 80 100 | | | | | |
| | | | | | | | | | | | | |