# CUSTOMER INTERARRIVAL TIME ARRIVAL TIME SERVICE START TIME SERVICE TIME

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 11 | 9 | 9 | 5 |
| 2 | 8 | 17 | 26 | 3 |
| 3 | 4 | 21 | 47 | 4 |
| 4 | 8 | 29 | 76 | 1 |
| 5 | 1 | 30 | 106 | 5 |
| 6 | 5 | 35 | 141 | 5 |
| 7 | 6 | 41 | 182 | 7 |
| 8 | 8 | 49 | 231 | 2 |
| 9 | 3 | 52 | 283 | 3 |
| 10 | 15 | 67 | 350 | 2 |
| 11 | 4 | 71 | 421 | 5 |
| 12 | 10 | 81 | 502 | 8 |
| 13 | 9 | 90 | 592 | 1 |
| 14 | 8 | 98 | 690 | 5 |
| 15 | 8 | 106 | 796 | 5 |
| 16 | 8 | 114 | 910 | 7 |
| 17 | 10 | 124 | 1034 | 8 |
| 18 | 12 | 136 | 1170 | 7 |
| 19 | 9 | 145 | 1315 | 5 |
| 20 | 11 | 156 | 1471 | 4 |

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| **SERVICE END TIME** | **TIME IN THE SYSTEM** |  | **WAITING TIME IDLE TIME** |  |
| 14 |  | 0 | 0 | 14 |
| 29 |  | 9 | 9 | 29 |
| 51 |  | 26 | 26 | 51 |
| 77 |  | 47 | 47 | 77 |
| 111 |  | 76 | 76 | 111 |
| 146 |  | 106 | 106 | 146 |
| 189 |  | 141 | 141 | 189 |
| 233 |  | 182 | 182 | 233 |
| 286 |  | 231 | 231 | 286 |
| 352 |  | 283 | 283 | 352 |
| 426 |  | 350 | 350 | 426 |
| 510 |  | 421 | 421 | 510 |
| 593 |  | 502 | 502 | 593 |
| 695 |  | 592 | 592 | 695 |
| 801 |  | 690 | 690 | 801 |
| 917 |  | 796 | 796 | 917 |
| 1042 |  | 910 | 910 | 1042 |
| 1177 |  | 1034 | 1034 | 1177 |
| 1320 |  | 1170 | 1170 | 1320 |
| 1475 |  | 1315 | 1315 | 1475 |

**AVERAGE PERCENTAGE**

WAITING 602 2

SERVICED 4

# CUSTOMERS

**REPLICATIONS**

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| **AVERAGE** |  | **%TAGE** |  |
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| --- | --- | --- |
| 46 | 536 | 2 |
| 47 | 536 | 2 |
| 48 | 536 | 2 |
| 49 | 536 | 2 |
| 50 | 536 | 2 |