

Current-state simulated Friday 91. Drop-off through readiness notification.
Clock: cumulative operating minutes from Friday 7:00 a.m.; closed hours omitted.
Source: washnfold_event_log.csv. Parent = customer order; child = compatible load.
Sources: learner order summary, event log, order queue projection, and current-batch capacity model.

Metric: Operating L/T
Value: 662.6
Aggregation: Mean
Observation unit: Order
Physical unit: Minutes per order
Boundary: Drop-off through readiness notification
Cohort: All 39 orders
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: Elapsed time includes substantial waiting
Next question / check: Inspect the release queue and available resource positions

Metric: Operating W/T
Value: 554.0
Aggregation: Mean
Observation unit: Order
Physical unit: Minutes per order
Boundary: Drop-off through readiness notification
Cohort: All 39 orders
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: Waiting dominates operating lead time
Next question / check: Trace waits without double-counting parallel loads

Metric: Batch Release W/T
Value: 501.7
Aggregation: Mean
Observation unit: Order
Physical unit: Minutes per order
Boundary: Drop-off through readiness notification
Cohort: All 39 orders
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: Largest measured delay is before Wash
Next question / check: Observe idle washer positions while orders await release

Metric: Operating L/T
Value: 424.5
Aggregation: Median
Observation unit: Order
Physical unit: Minutes per order
Boundary: Drop-off through readiness notification
Cohort: 21 promise-eligible orders
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: The middle is faster than the upper tail
Next question / check: Compare the median with later eligible arrivals

Metric: Operating L/T
Value: 676.2
Aggregation: Nearest-rank P90
Observation unit: Order
Physical unit: Minutes per order
Boundary: Drop-off through readiness notification
Cohort: 21 promise-eligible orders
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: A slow tail remains
Next question / check: Trace the slow eligible orders through release and notification

Metric: 5:00 p.m. promise misses
Value: 6
Aggregation: Count
Observation unit: Order
Physical unit: Orders
Boundary: Drop-off through readiness notification
Cohort: 21 promise-eligible orders
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: Six eligible orders miss the deadline on this Friday
Next question / check: Check comparable Fridays before generalizing

Metric: 5:00 p.m. promise misses
Value: 28.6
Aggregation: Rate
Observation unit: Order
Physical unit: Percent
Boundary: Drop-off through readiness notification
Cohort: 21 promise-eligible orders
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: The customer promise is unreliable on this Friday
Next question / check: Test the release-rule hypothesis with the same demand and resources

Metric: Fold corrections
Value: 5
Aggregation: Count of activity occurrences
Observation unit: Activity record
Physical unit: Occurrences
Boundary: Drop-off through readiness notification
Cohort: All 39 orders
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: Corrections affect 5 orders and add NVA time
Next question / check: Investigate the recorded packaging-check trigger

Metric: PCE
Value: 13.9
Aggregation: Total VA time / total operating L/T
Observation unit: Order
Physical unit: Percent
Boundary: Drop-off through readiness notification
Cohort: All 39 orders
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: Most elapsed time does not transform the order
Next question / check: Investigate measured delays before selecting an intervention

Metric: VA time
Value: 91.9
Aggregation: Mean
Observation unit: Order
Physical unit: Minutes per order
Boundary: Drop-off through readiness notification
Cohort: All 39 orders
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: Active transformation occupies a small share of elapsed time
Next question / check: Preserve the same classification before and after the trial

Metric: Time outside VA
Value: 570.7
Aggregation: Mean; RNVA and NVA combined
Observation unit: Order
Physical unit: Minutes per order
Boundary: Drop-off through readiness notification
Cohort: All 39 orders
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: The remainder includes necessary support work and avoidable loss
Next question / check: Distinguish required support from waste before selecting a countermeasure

Metric: Realized throughput
Value: 1.70
Aggregation: Full-run completion rate
Observation unit: Order
Physical unit: Orders per operating hour
Boundary: Drop-off through readiness notification
Cohort: All 39 orders
Window / clock: Friday 91 cohort; 7:00 a.m. through last notification (1377.6 operating minutes)
Supported signal: Completions fall below the physical planning estimate
Next question / check: Inspect release rules and shared-worker coordination

Metric: Physical planning estimate
Value: 3.56
Aggregation: Capacity estimate, not observed throughput
Observation unit: Order
Physical unit: Orders per operating hour
Boundary: Drop-off through readiness notification
Cohort: Current-batch scenario planning model
Window / clock: Friday 91; cumulative operating minutes from 7:00 a.m.; closed hours omitted
Supported signal: Potential capacity does not guarantee a deadline
Next question / check: Keep planning assumptions separate from this Friday's observations