



WMS Warehouse Space Utilization Analysis Checklist 2026

Current Storage Capacity Assessment

Reviewing total warehouse footprint, rack utilization rates, and identifying vacant vs. occupied bin locations.

Total Warehouse Square Footage

Current Occupied Bin Count

Storage Density Level

- ☐ Low (Under 60%)
- ☐ Optimal (60% - 85%)
- ☐ High (85% - 95%)
- ☐ Critical/Congested (Over 95%)

Identified Dead Space Observations

Write something...

Last Physical Capacity Audit Date

Enter date...

Warehouse Floor Map/Layout



Upload File

Storage Profile & Slotting Accuracy

Evaluating the alignment between product velocity (ABC analysis) and assigned storage zones to optimize travel time.

Current Slotting Strategy Type

- ☐ Fixed Slotting
- ☐ Dynamic Slotting
- ☐ Random Slotting

ABC Classification Percentage (Fast-Moving Items)

Enter a number...

Identified Slotting Inconsistencies

- ☐ Incorrect Product Velocity Assignment
- ☐ Mismatched Item Dimensions vs. Bin Size
- ☐ High Travel Time for High-Demand SKUs
- ☐ Overcrowded High-Velocity Zones

Summary of Slotting Optimization Findings

Write something...

Last Slotting Audit Date

Enter date...

Warehouse Manager Verification

Vertical Space & Cube Utilization

Analyzing honeycombing effects, pallet height optimization, and the effective use of upper rack levels.

Average Pallet Height (inches)

Enter a number...

Maximum Rack Clearance Height (inches)

Enter a number...

Current Vertical Utilization Rate (%)

- ☐ 0-50%
- ☐ 51-75%
- ☐ 76-90%
- ☐ 91-100%

Identified Honeycombing Areas

- ☐ Top Rack Level
- ☐ Mid-Level Bays
- ☐ Floor Staging Area
- ☐ Bulk Storage Zone

Observations on Unused Vertical Cube

Write something...

Upload Rack Dimension Schematics

 Upload File

WMS Data Accuracy & Bin Mapping

Verifying that physical bin dimensions and characteristics in the WMS match the actual warehouse floor layout.

Data Audit Date

Enter date...

Warehouse Zone Audited

- ☐ Receiving
- ☐ Bulk Storage
- ☐ Pick Face
- ☐ Staging
- ☐ Returns/Reverse Logistics

Discrepancy Count (Physical vs. WMS)

Enter a number...

Identified Mapping Errors

- ☐ Incorrect Bin Dimensions
- ☐ Incorrect Storage Type (e.s. Pallet vs. Each)
- ☐ Missing Bin Location
- ☐ Incorrect Weight Capacity Limit
- ☐ Obsolete Bin ID in System

Discrepancy Root Cause Analysis

Write something...

Warehouse Map/Layout Update Screenshot

 Upload File

Warehouse Manager Verification

Inbound & Outbound Flow Dynamics

Assessing dock door congestion, staging area capacity, and the impact of replenishment cycles on aisle accessibility.

Primary Dock Congestion Level

- ☐ Low
- ☐ Moderate
- ☐ High
- ☐ Critical

Average Unloading Time per Container (Minutes)

Enter a number...

Identified Flow Bottlenecks

- ☐ Dock Door Congestion
- ☐ Staging Area Overflow
- ☐ Inbound Receiving Delays
- ☐ Outbound Loading Latency
- ☐ Inaccurate Dock Scheduling

Bottleneck Mitigation Plan

Write something...

Last Flow Audit Date

Enter date...

Warehouse Manager Approval

Equipment & Infrastructure Compatibility

Ensuring existing MHE (Material Handling Equipment) and racking systems are compatible with proposed density improvements.

Primary Material Handling Equipment (MHE) Type

- ☐ Forklift
- ☐ Reach Truck
- ☐ Order Picker
- ☐ Pallet Jack
- ☐ Automated Guided Vehicle (AGV)

Maximum Rack Height Clearance (meters)

Enter a number...

Required Infrastructure Upgrades

- ☐ New Racking Installation
- ☐ Conveyor System Expansion
- ☐ Battery Charging Station Upgrade
- ☐ Floor Leveling/Reinforcement
- ☐ Automated Sorting System Integration

Equipment Compatibility Constraints

Write something...

Equipment Maintenance Logs & Specs

 Upload File

Warehouse Manager Approval

Seasonal Scalability Planning

Reviewing contingency space availability for peak season surges and temporary overflow storage strategies.

Peak Season Start Date

Enter date...

Projected Inventory Increase (%)

Enter a number...

Overflow Storage Strategy

- ☐ Utilize existing secondary warehouse
- ☐ Temporary external rental units
- ☐ Increase vertical racking density
- ☐ Cross-docking acceleration

Required Additional Resources

- ☐ Temporary Labor
- ☐ Additional Forklifts/MHE
- ☐ Extra Packaging Materials
- ☐ Additional Dock Doors

Contingency Risk Assessment

Write something...

Warehouse Manager Approval

KPI & Performance Metric Review

Reviewing historical utilization trends, honeycombing percentages, and replenishment frequency metrics.

Current Storage Utilization Percentage

Enter a number...

Honeycombing Rate

Enter a number...

Inventory Turnover Ratio

- ☐ High
- ☐ Medium
- ☐ Low

Identified Bottleneck Observations

Write something...

Last Audit Completion Date

Enter date...

WMS Utilization Report Export

 Upload File

Warehouse Manager Approval

< Previous

> Next

✓ Finish

 Generate Sample Report