

# ADVENTURE-WORKS PRODUCTION AND INVENTORY

PRODUCTION  
OVERVIEW

INVENTORY  
OVERVIEW

HOME

PRODUCT OVERVIEW

CATEGORY ANALYSIS

Fiscal Year

All

Fiscal YTD - Waste

11K

Fiscal YTD - Total Order

4508K

Average Production Lead Time

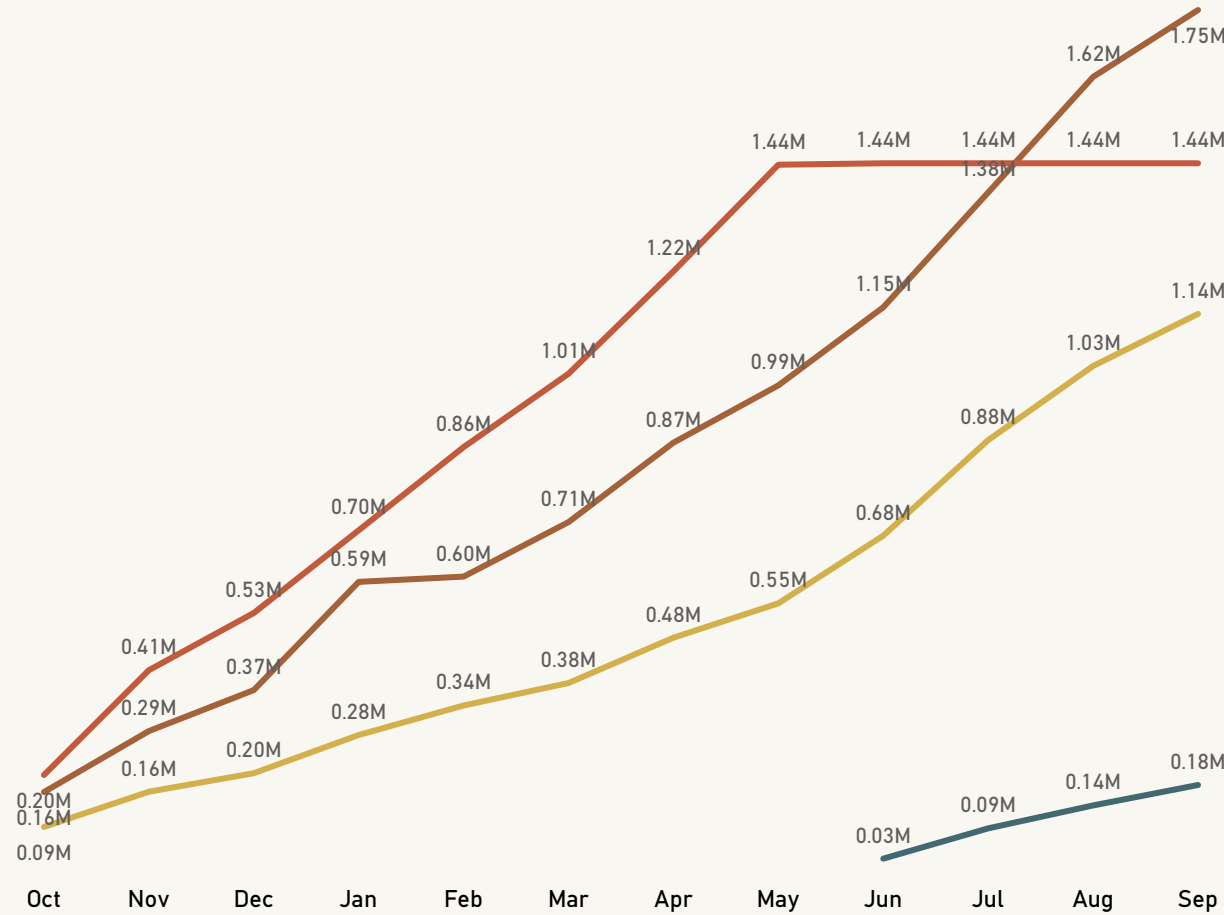
297.34

Fiscal YTD - Production Hours

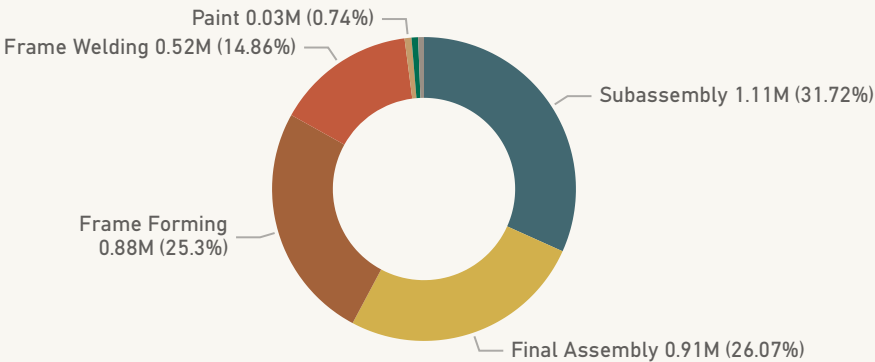
229K

Cumulative Monthly Quantity by Fiscal Year

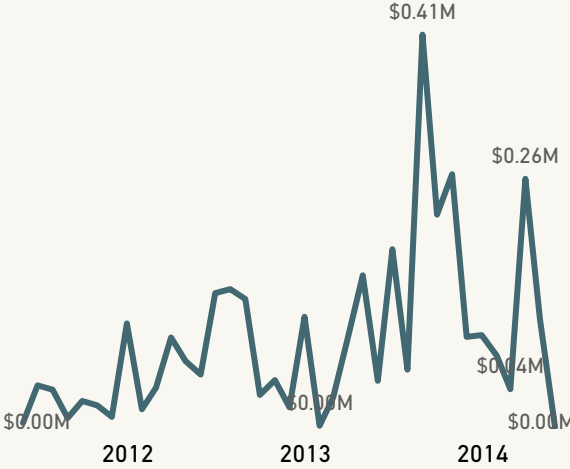
Fiscal Year 10-11 11-12 12-13 13-14



Actual Cost by Assembly Location



Waste Cost by Year



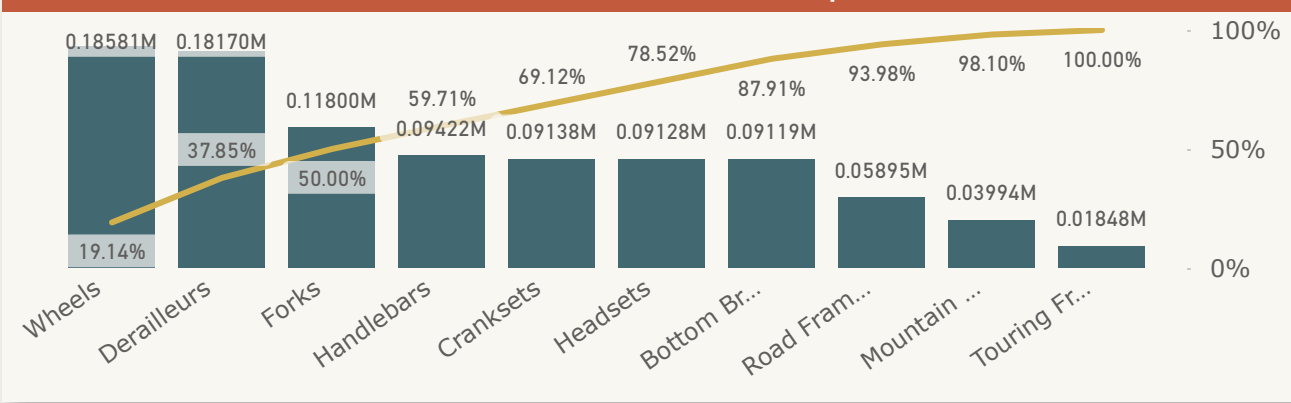
On Time Production

41.59%

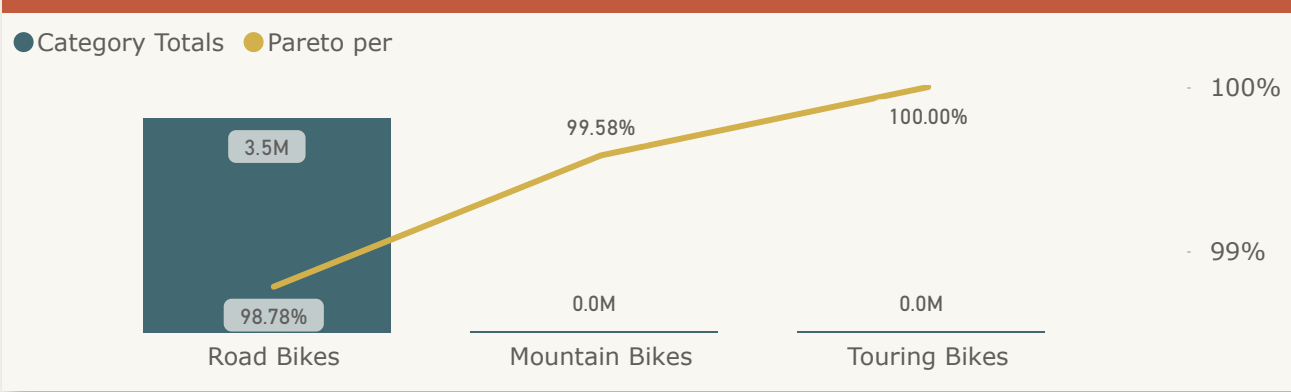
Waste Percent

0.24%

Production Totals - Bike Components



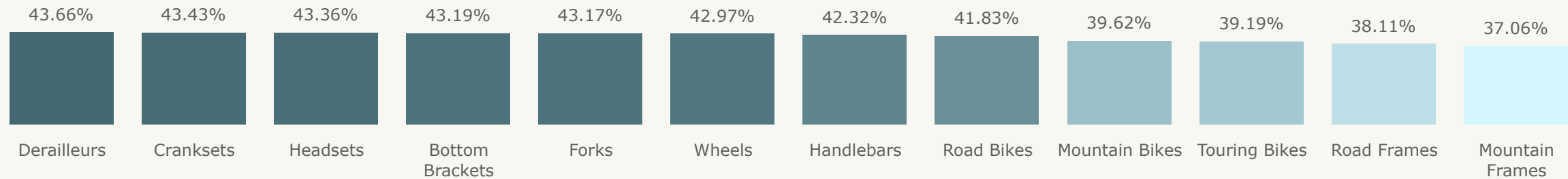
Production Totals - Bikes



Waste Cost - Product Matrix

Name	Bikes	Components	Total
Brake assembly not as ordered	\$44,430.759	\$37,662.510	\$87,310.369
Color incorrect	\$82,056.610	\$67,892.932	\$154,825.902
Drill pattern incorrect	\$63,296.705	\$30,312.670	\$108,881.708
Drill size too large	\$176,254.605	\$14,121.412	\$175,196.193
Drill size too small	\$245,635.482	\$11,431.720	\$258,692.224
Gouge in metal	\$106,033.701	\$22,449.819	\$127,661.319
Handling damage	\$10,070.932	\$26,322.996	\$29,200.814
Paint process failed	\$192,178.728	\$15,900.052	\$213,687.325
Primer process failed	\$34,790.547	\$18,713.901	\$94,867.805
Seat assembly not as ordered	\$42,530.669	\$11,242.273	\$55,063.091
Stress test failed	\$42,899.216	\$17,498.042	\$59,955.886
Thermoform temperature too high	\$68,854.413	\$56,912.530	\$126,123.602
Thermoform temperature too low	\$115,371.444	\$68,969.599	\$193,376.885
Trim length too long	\$263,089.385	\$38,292.835	\$274,667.615
Trim length too short	\$125,952.008	\$26,256.738	\$169,024.115
Wheel misaligned	\$101,356.099	\$34,402.140	\$156,329.498
Total	\$1,746,035.264	\$512,133.649	\$2,335,124.799

On Time Production Percent by Product Category



Fiscal Year

All

Product Category

All

Product Sub Category

All

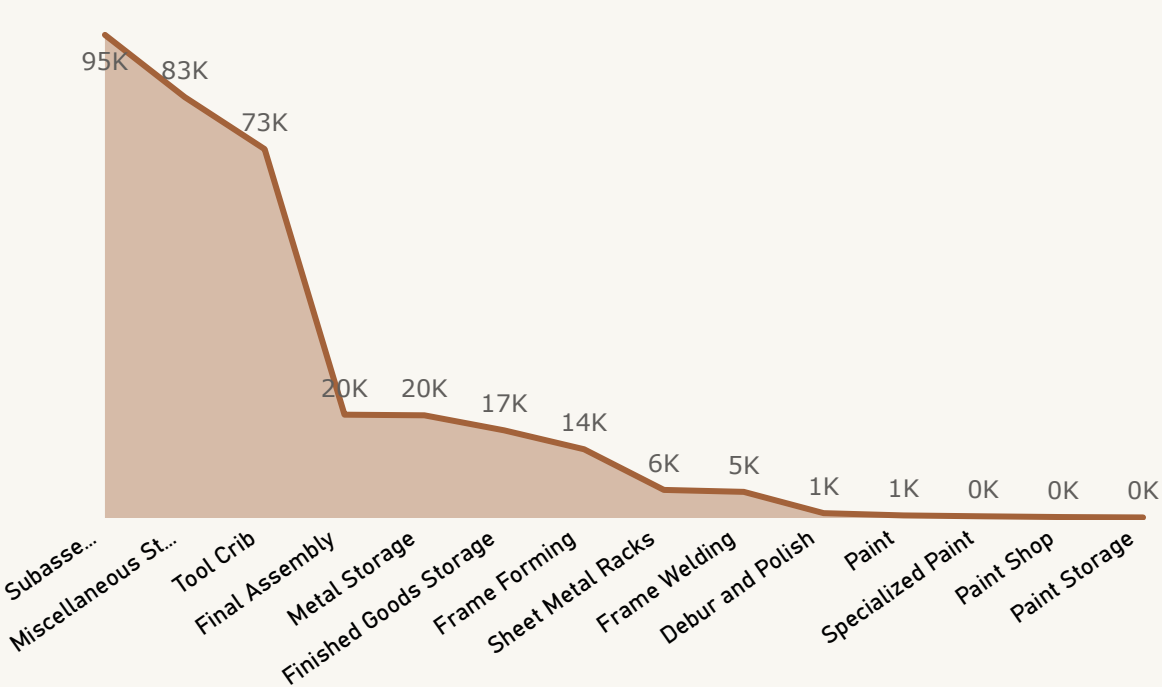
Fiscal YTD - Inventory  
Quantity

336K

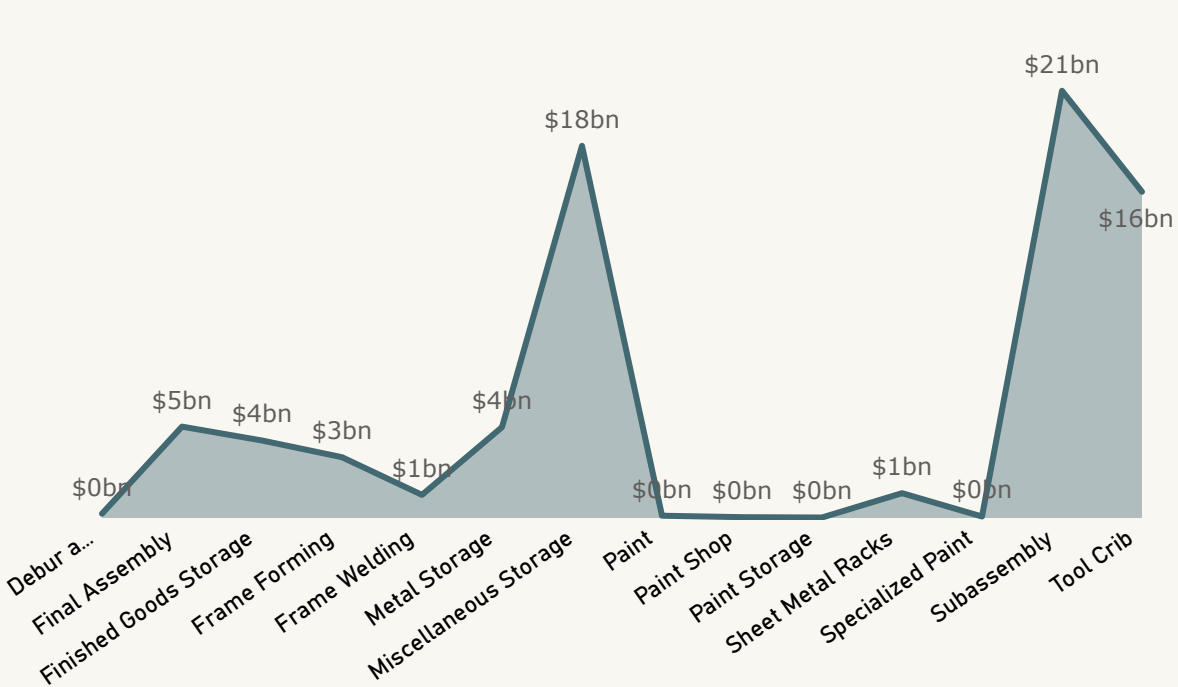
Fiscal YTD - Inventory  
Value

\$74bn

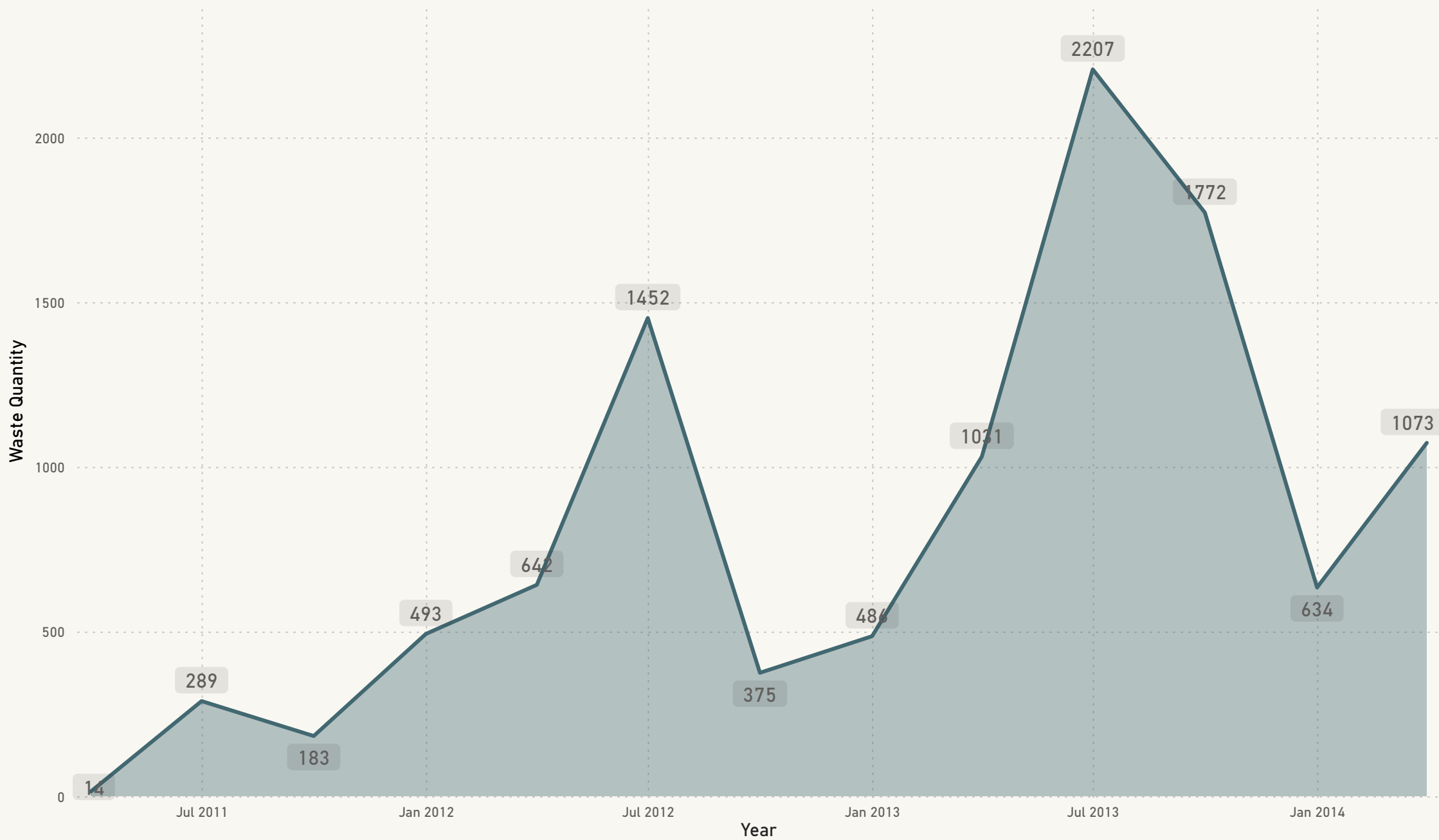
Inventory Quantity by Part Location



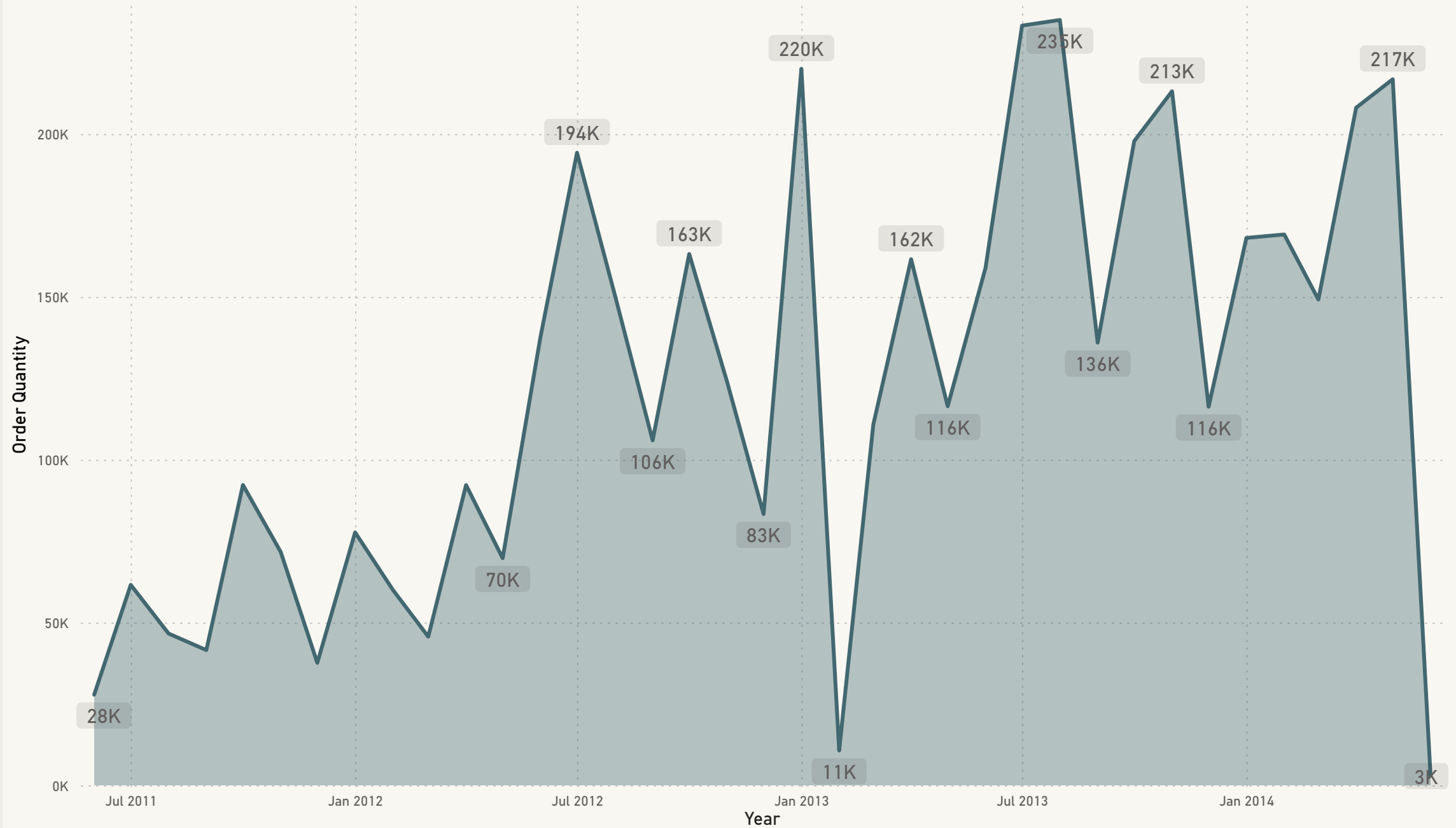
Inventory Value by Part Location



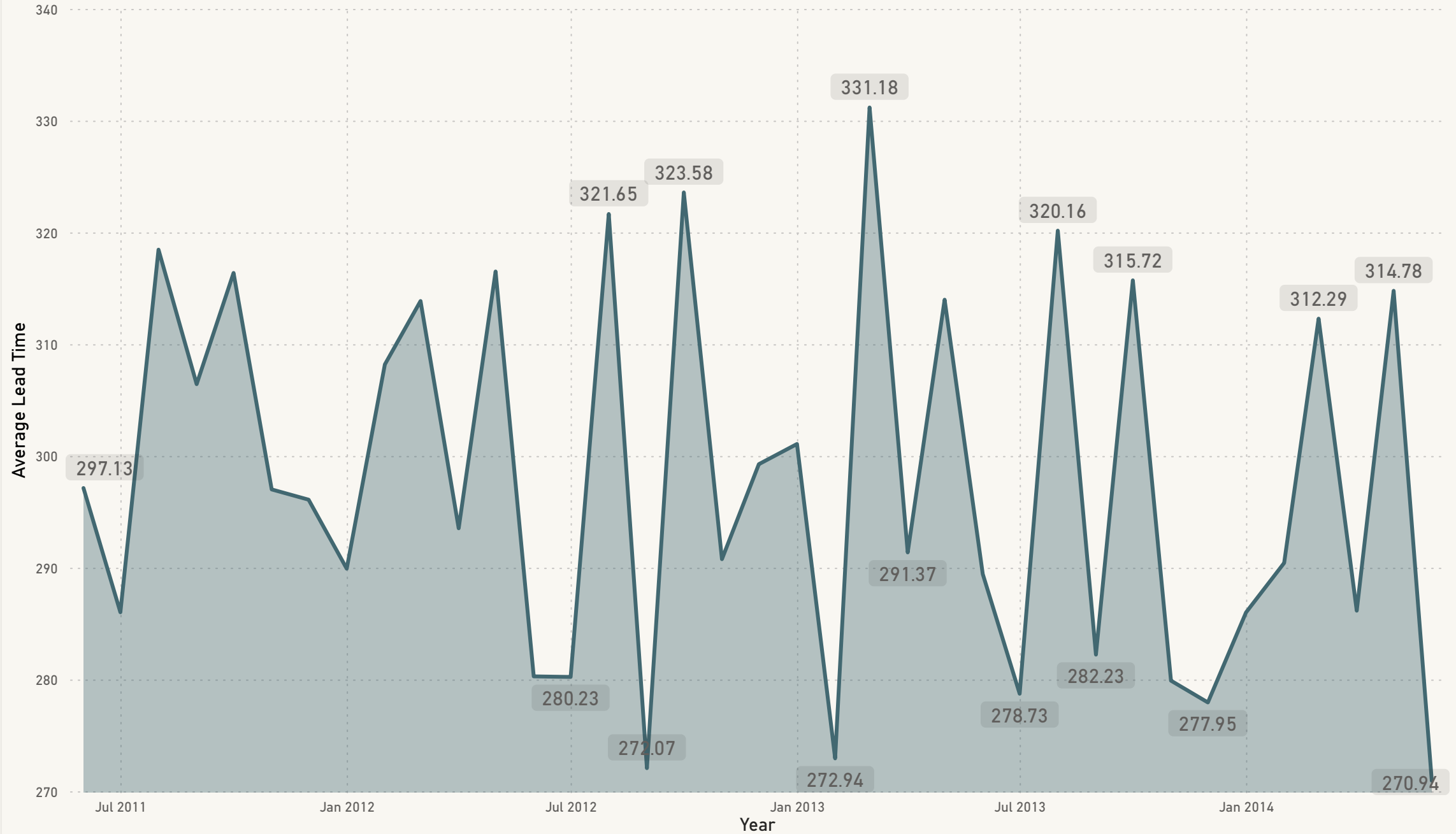
# Waste Trend



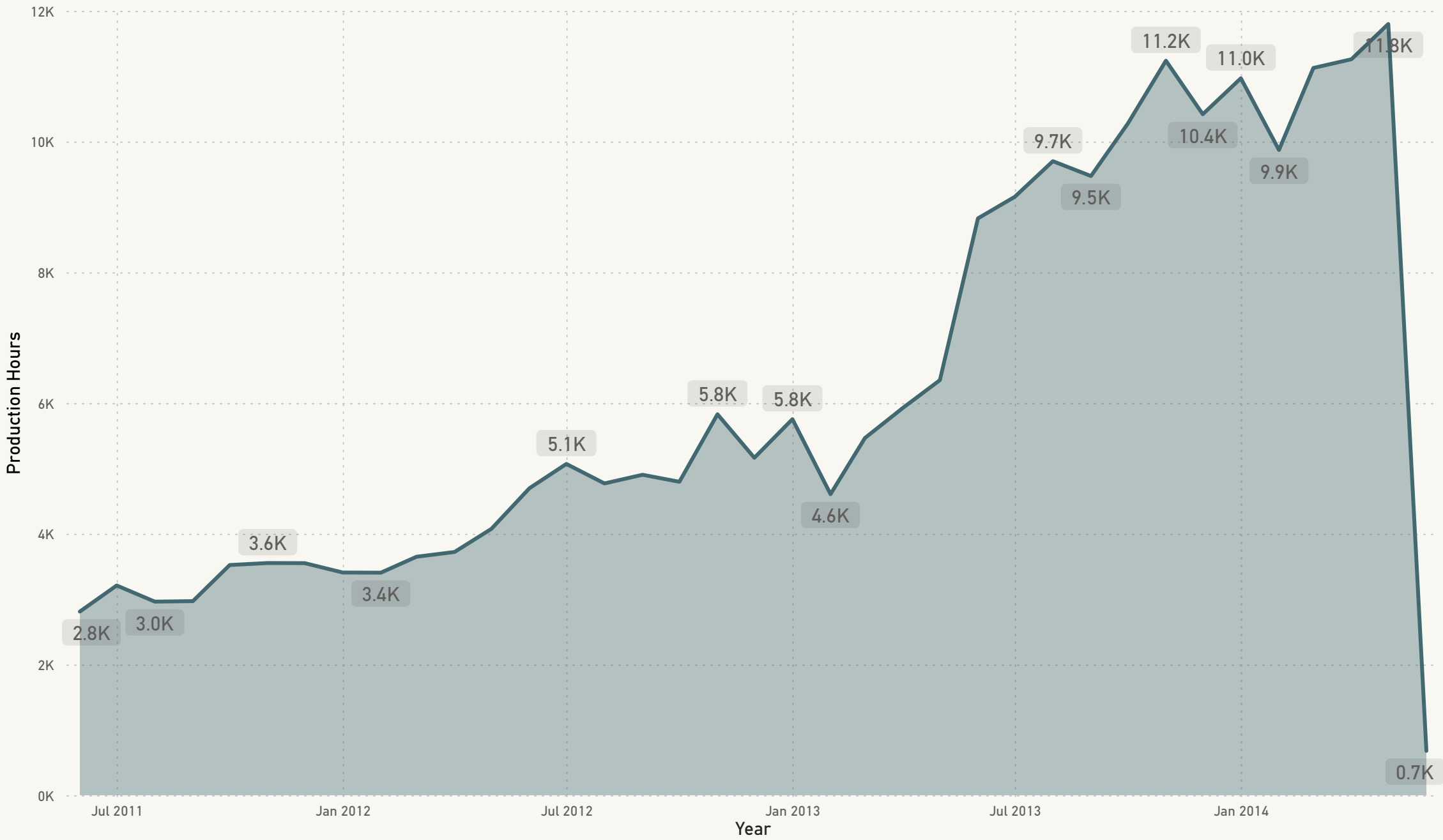
## Production - Trend



## Lead Time - Trend

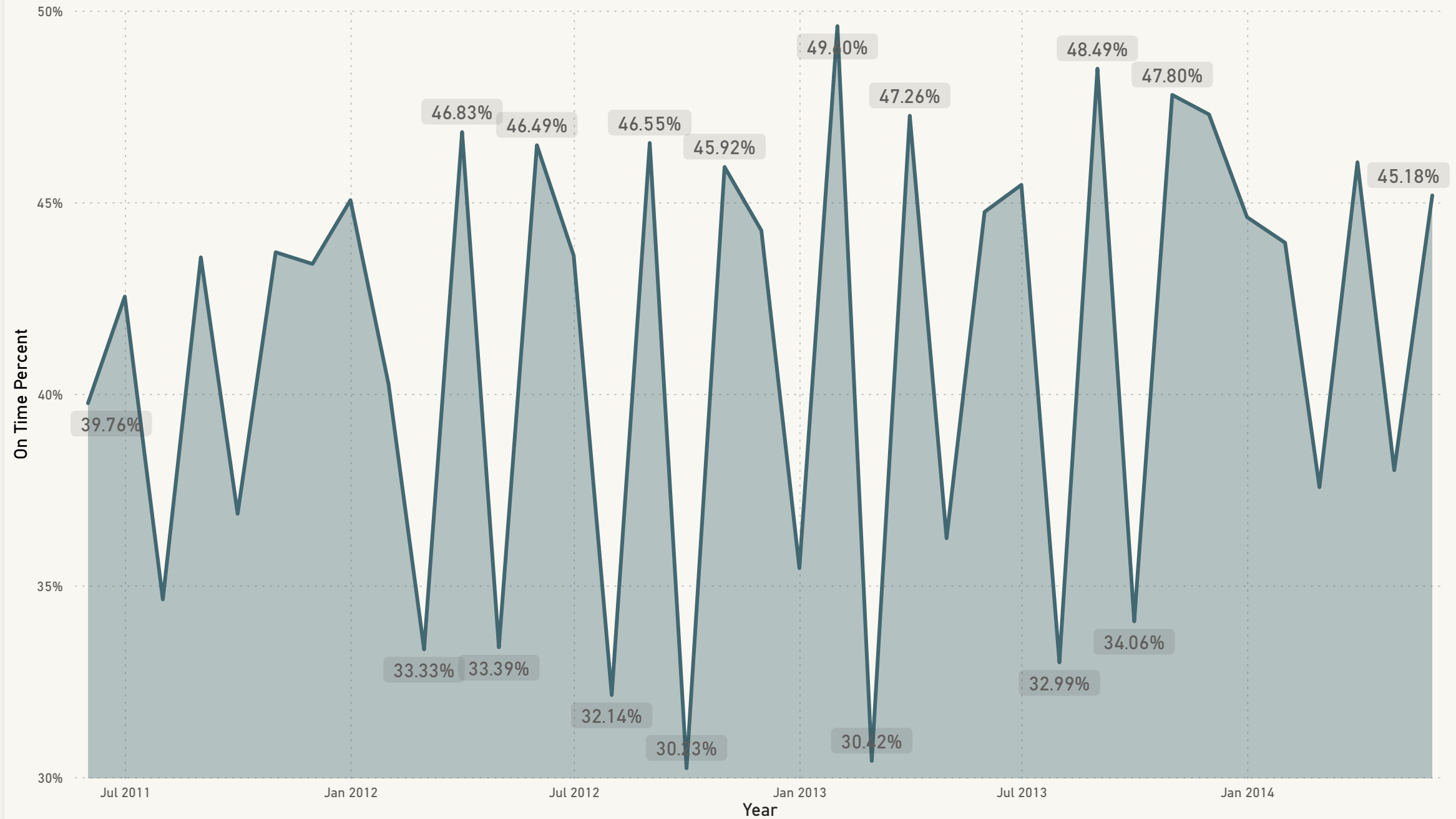


# Production Hours - Trend





## On Time Production - Trend



## Waste Percent - Trend

