Purchases Report

June 2026

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Important notes:
As of November 2016, unless explicitly specified otherwise, RTA uses 3-month moving average for reporting on inventory (including historical data), hence, affecting calculated values of purchases and Inventory-to-Sales Ratio. In this way, any exaggerations that might be manifest in monthly purchases data, due to regular inventory counts by members, are not emphasized.

Highlighted areas in the graphs represent time of recessions.

Explanation about how to read box plots and histograms can be found in the Appendix section.

Highlights

In June, the twelve-month rolling total for production continued to decline compared with a year earlier while purchases were trending higher. Quarterly data indicate that production was in line with expectations, while purchases were significantly above the seasonal median. In June, production was well below seasonal median value while purchases were more robust – at the third quartile. The inventory-to-sales ratio remained at extreme levels, though it marginally declined.

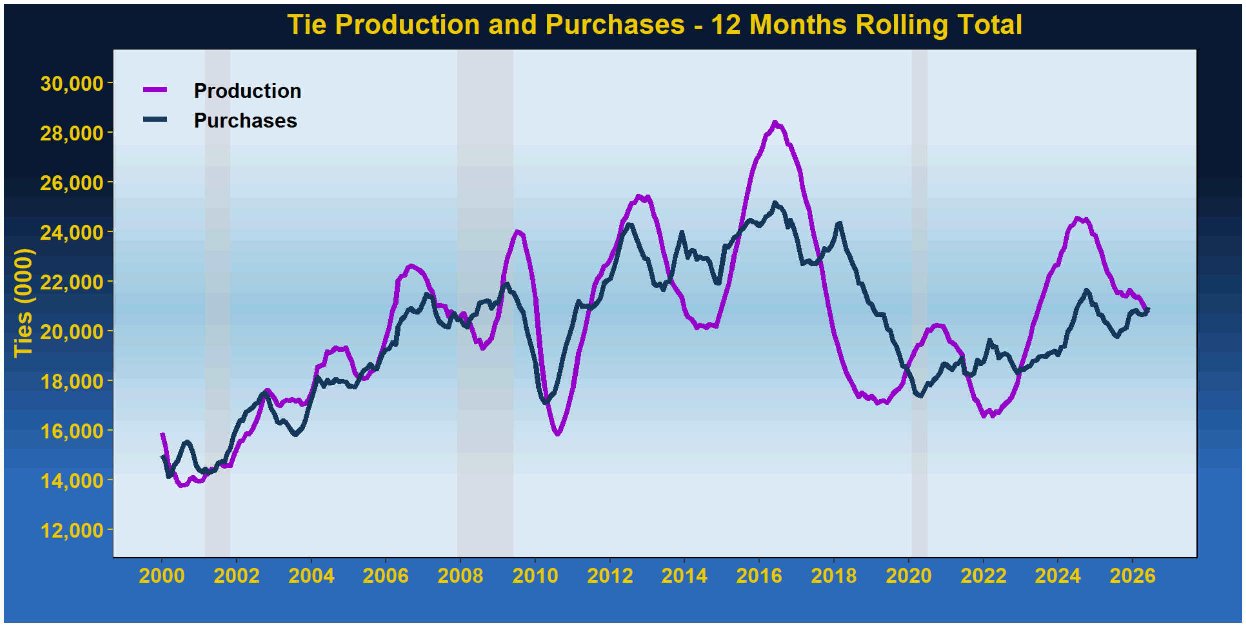
Long-Term Trends

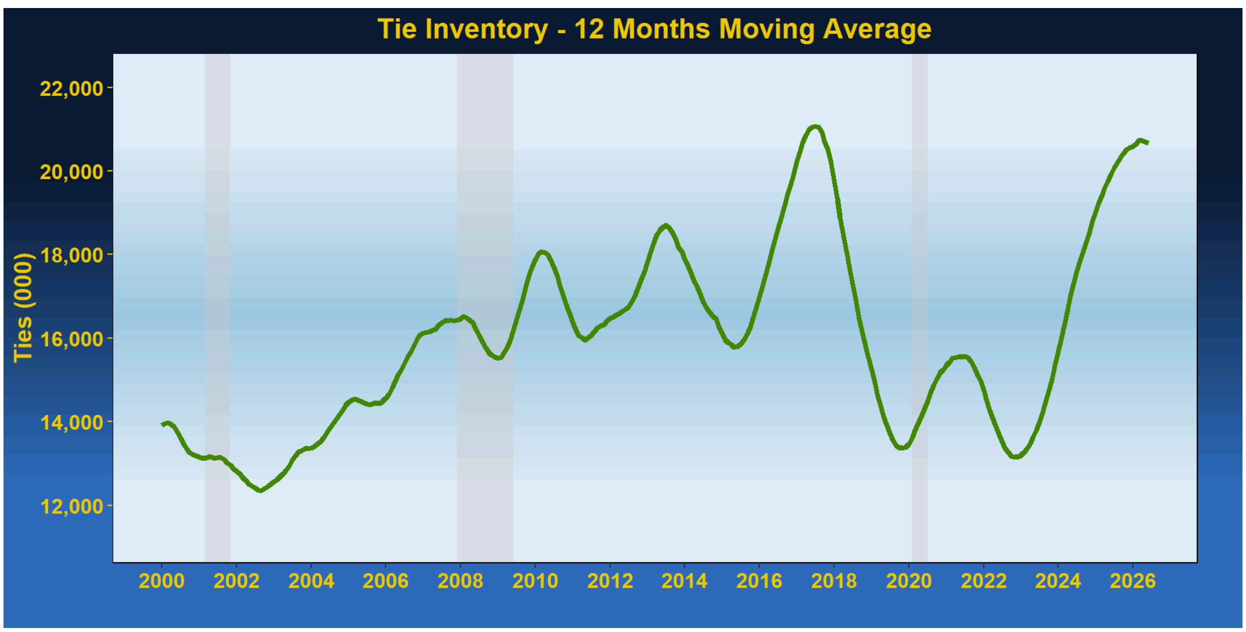
Production declined at a 6.4% annual rate.
Purchases rose at a 4.4% annual rate.
Inventory's 12 month moving average (12MMA) rose by 3.7% from a year ago levels.
Inventory-to-Sales Ratio's 12MMA increased from 0.95 to 1.01.

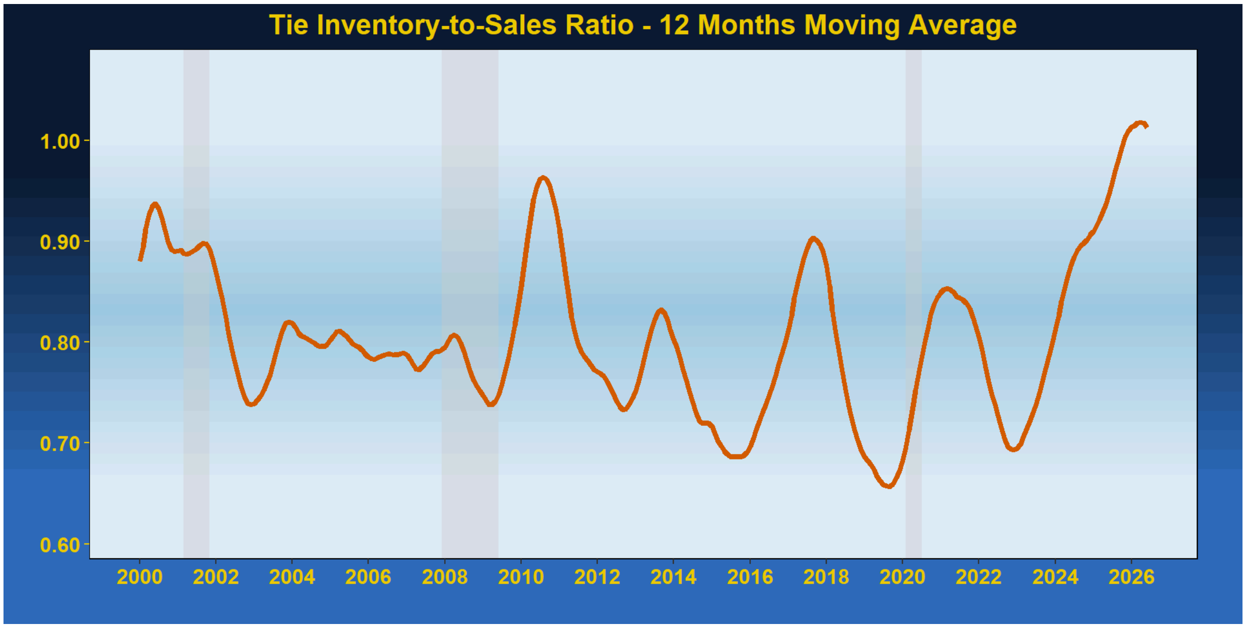
Table of Annual Observations

Production and Purchases are 12 months rolling totals, Inventory and ISR are 12MMA

Date	Production	Purchases	Inventory	ISR
June 2025	22,156	20,092	19,931	0.95
June 2026	20,736	20,974	20,667	1.01







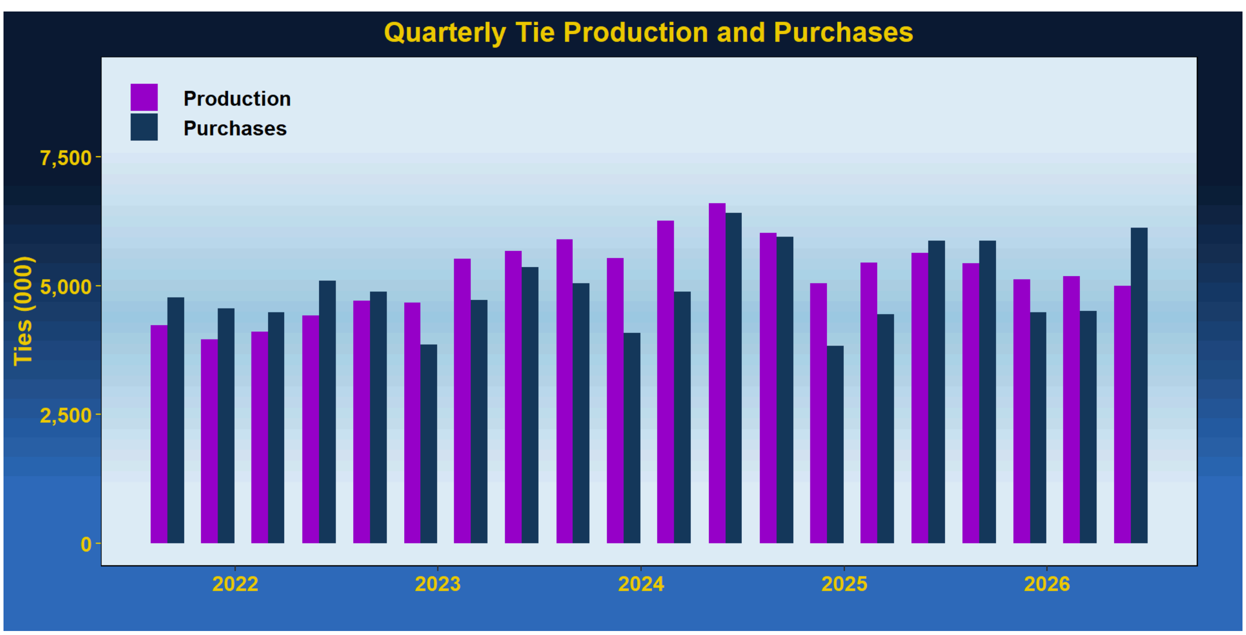
Analysis of Quarterly Data

Production in Q2 fell by 3.5% from previous quarter and decreased by 11.3% from a year ago.
For the same intervals, purchases advanced by 36.1% and grew by 4.4% respectively.
Inventory's 3MMA fell by 5.3% from previous quarter and dropped by 1.2% from a year ago levels.
From Q1 2026 to Q2 2026, the 3MMA of Inventory-to-Sales Ratio came down from 1.02 to 1.01. One year ago, the ratio was 1.02.

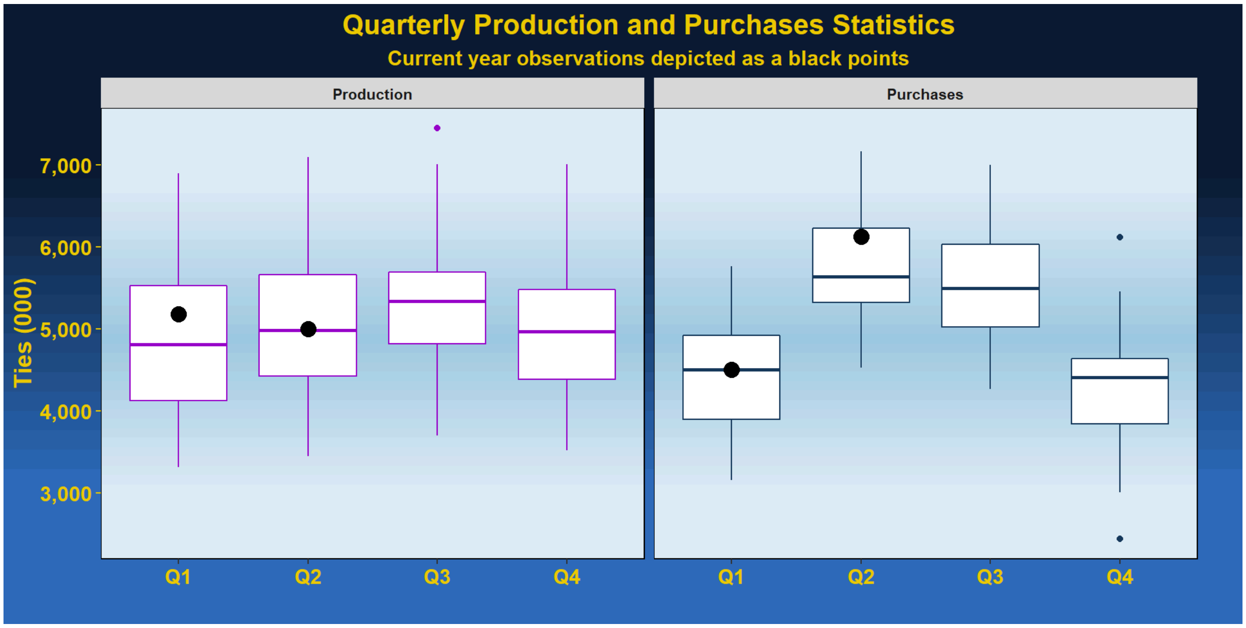
Table of Quarterly Observations

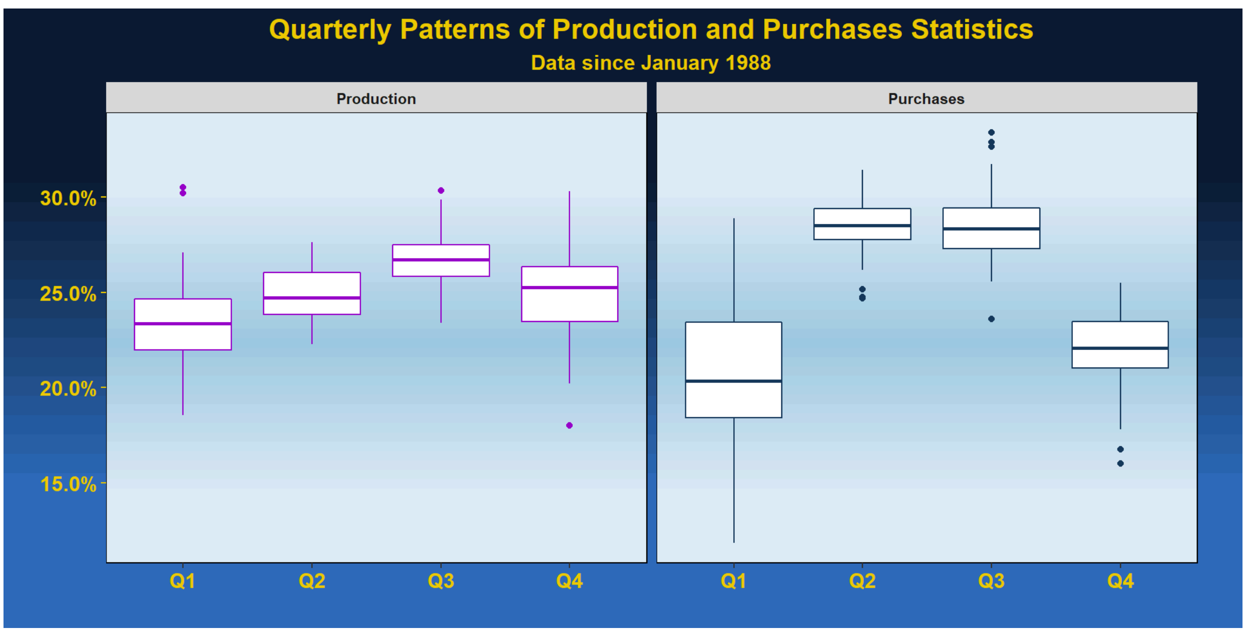
Production and Purchases Quarterly Sum, Inventory and ISR - 3MMA

Date	Production	Purchases	Inventory	ISR
June 2025	5,637	5,871	20,561	1.02
March 2026	5,180	4,501	21,449	1.02
June 2026	5,000	6,127	20,322	1.01



Quarterly pattern of production and purchases uses data from January 2000. The top graph shows data analysis within each quarter. It shows the median, upper quartile and lower quartile boundary (a more detailed explanation is available in the Appendix section). It also displays what the production and purchases were in each quarter of reporting year represented by black points in relation to quarterly statistical values. The second graph shows the contribution of each quarter to the total annual production and purchases.



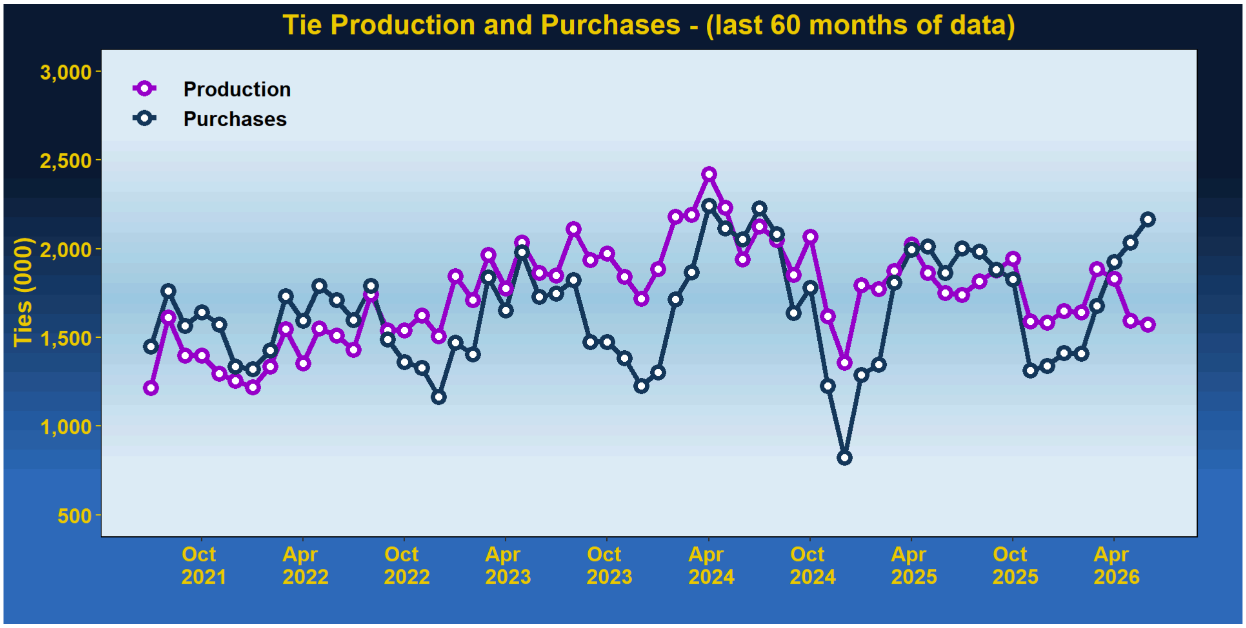


Analysis of Monthly Data

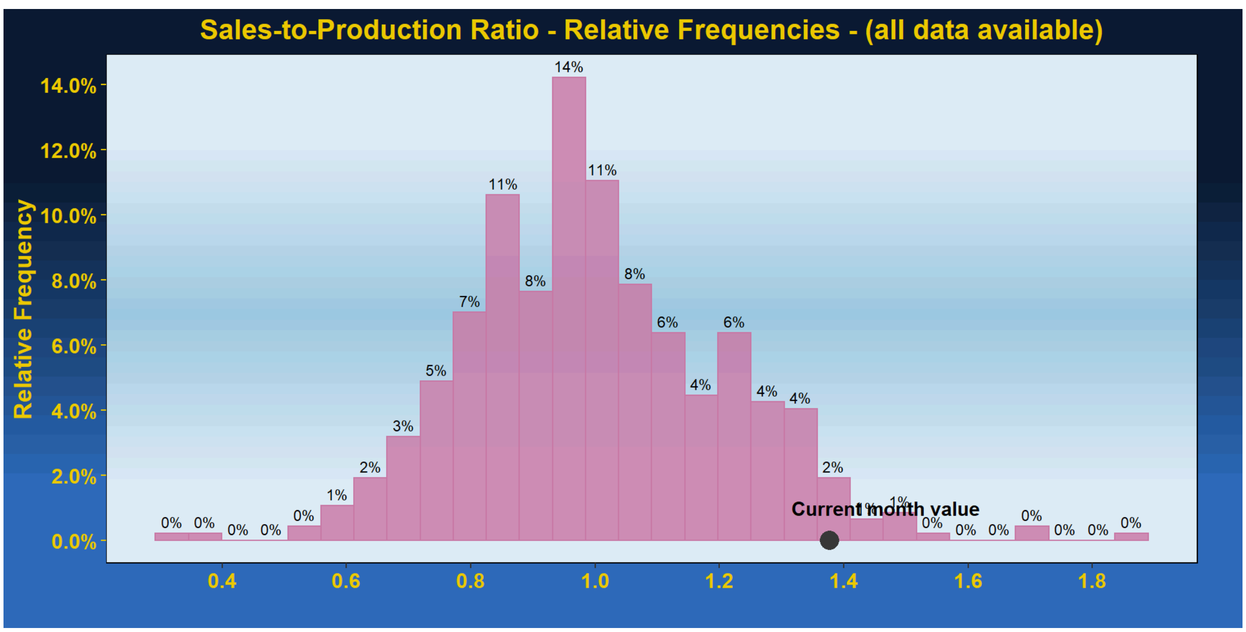
Production fell by 1.3% from previous month and fell by 10.1% from a year ago.
For the same time intervals, purchases rose by 6.4% and rose by 16.2% respectively.
Inventory levels came down by 2.8% from previous month and came down by 1.2% from a year ago levels.
The Inventory-to-Sales Ratio fell from 1.01 to 0.97 compared to month ago, and fell from 1.02 a year ago.

Table of Monthly Observations

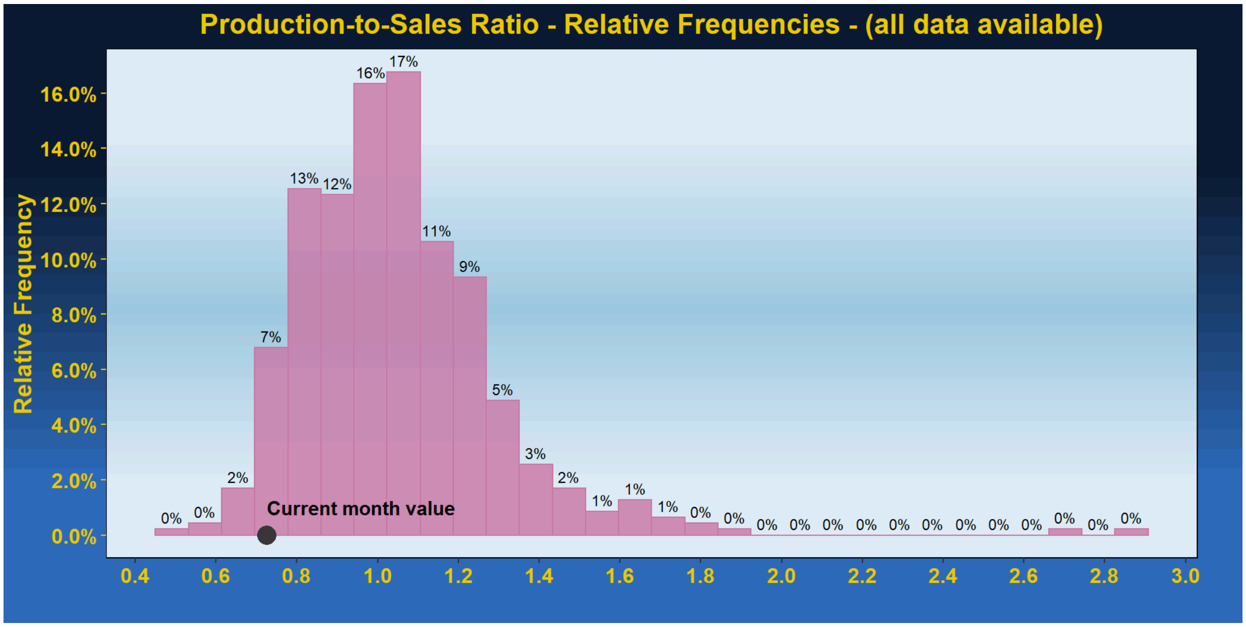
Date	Production	Purchases	Inventory	ISR
June 2025	1,750	1,864	20,561	1.02
May 2026	1,594	2,036	20,915	1.01
June 2026	1,573	2,166	20,322	0.97

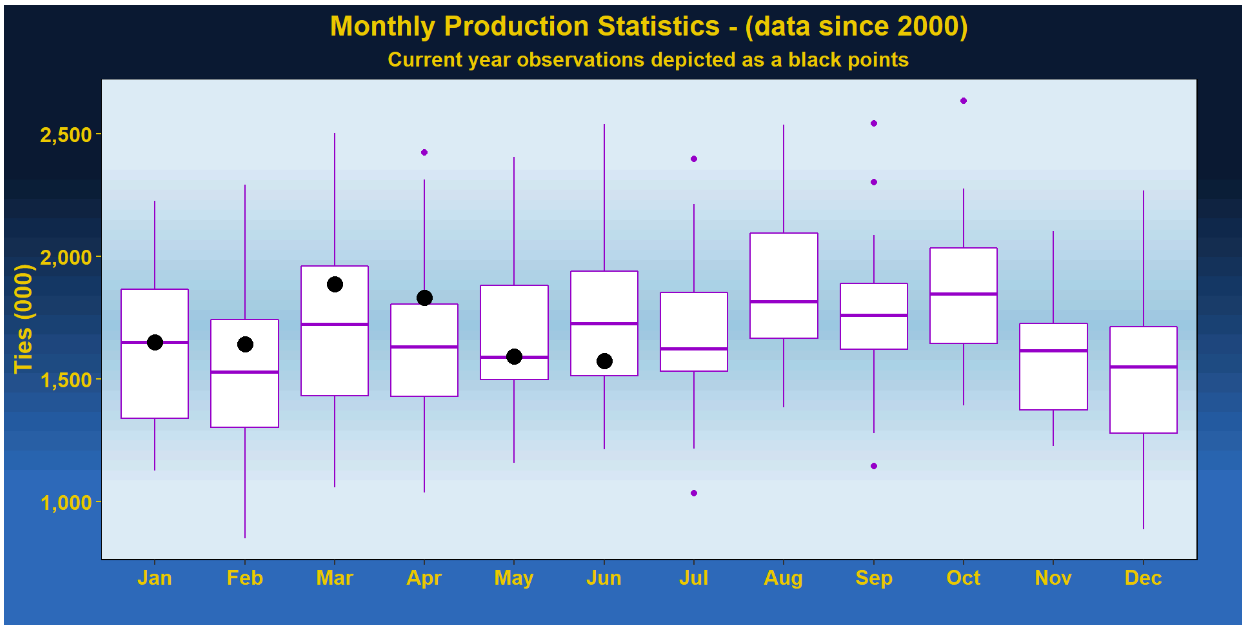


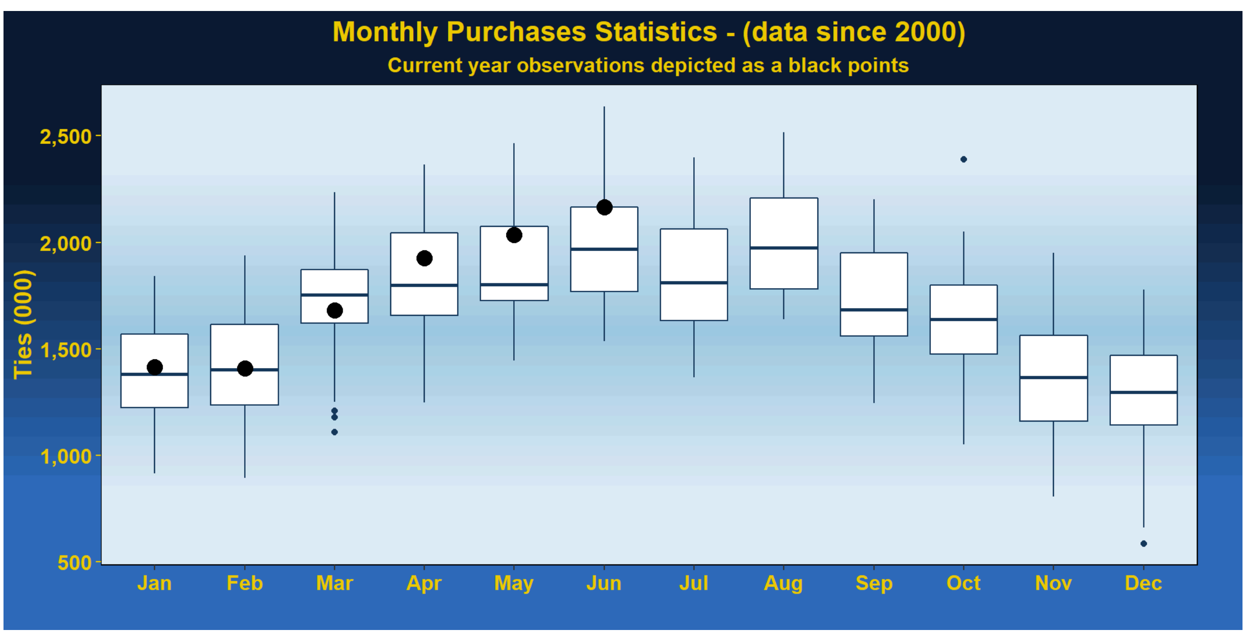
Sales-to-Production Ratio shows the replenishment/diminishment of inventory. Ratio above one signals diminishment and ratio below one replenishment of inventory stock.

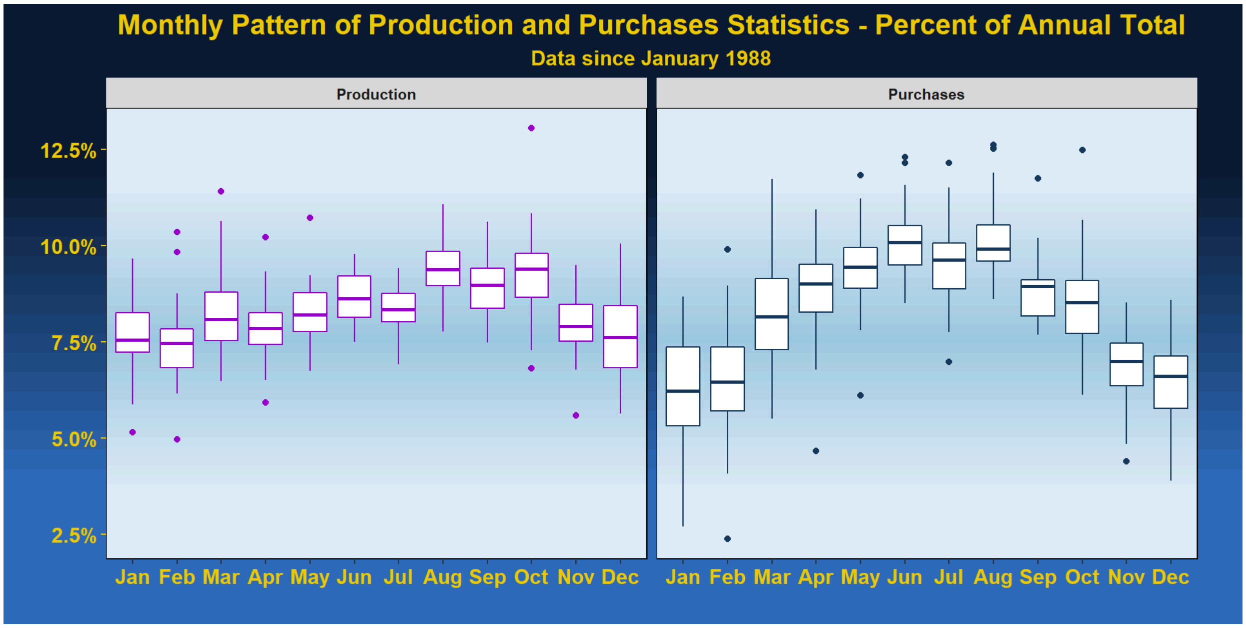


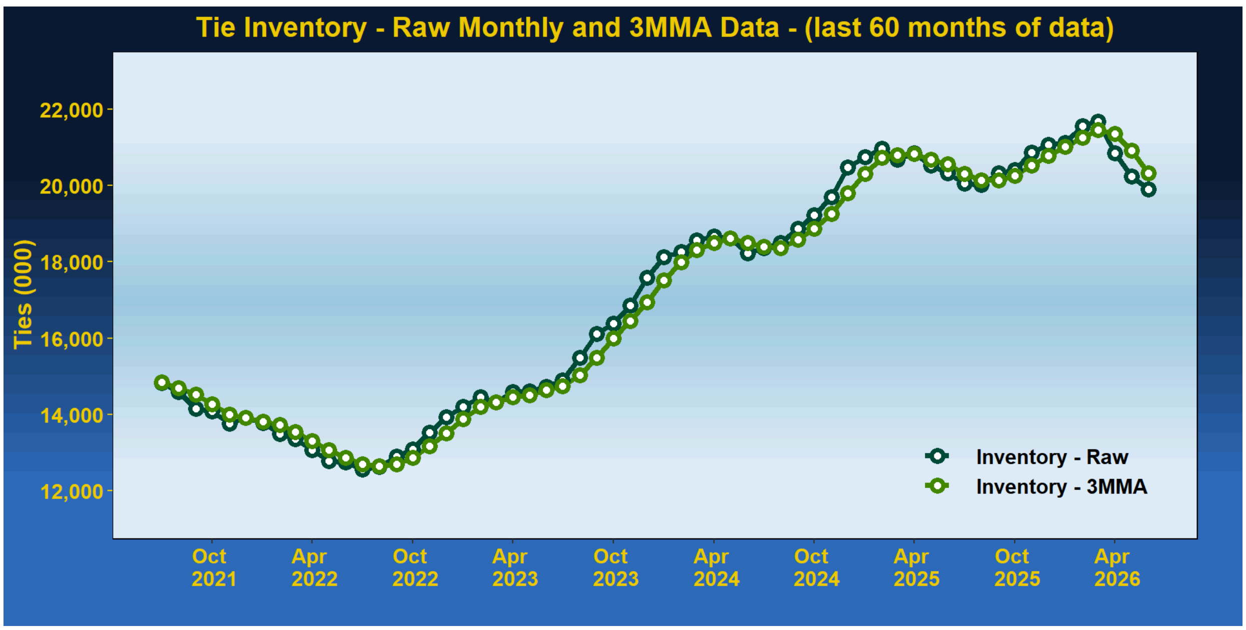
The folowing graph tells the same story as the graph above, just the ratio is reversed - Production-to-Sales Ratio.

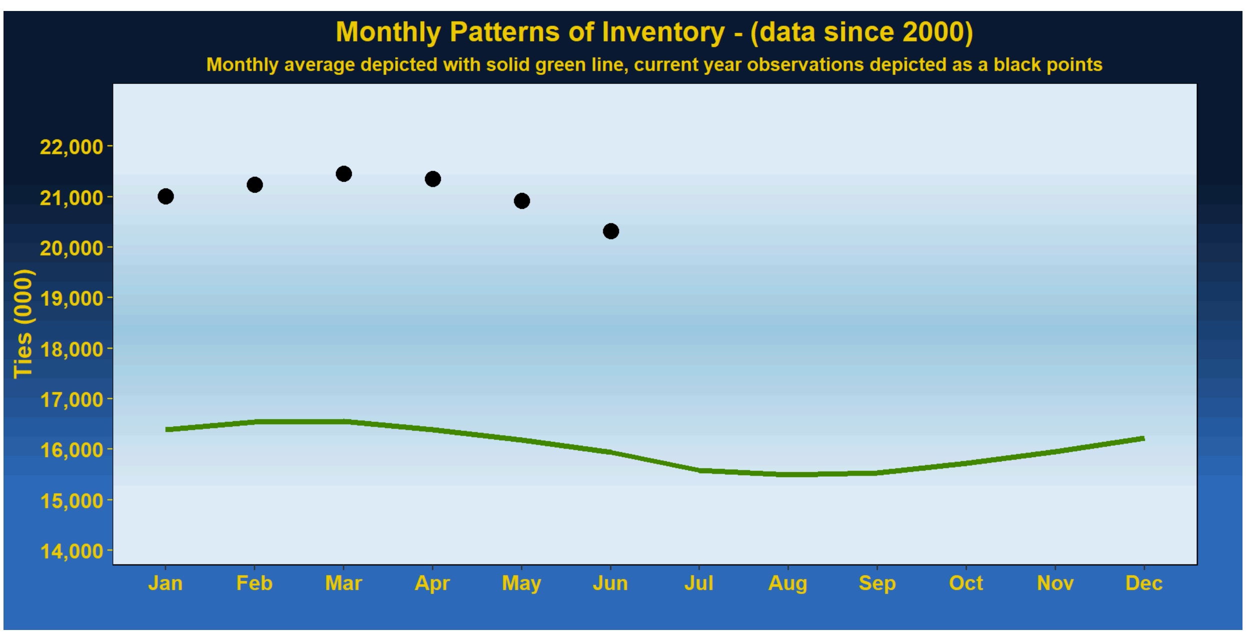

Production-to-Sales Ratio - Relative Frequencies - (all data available)
Relative Frequency
Current month value
16.0%
14.0%
12.0%
10.0%
8.0%
6.0%
4.0%
2.0%
0.0%
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
2.8
3.0

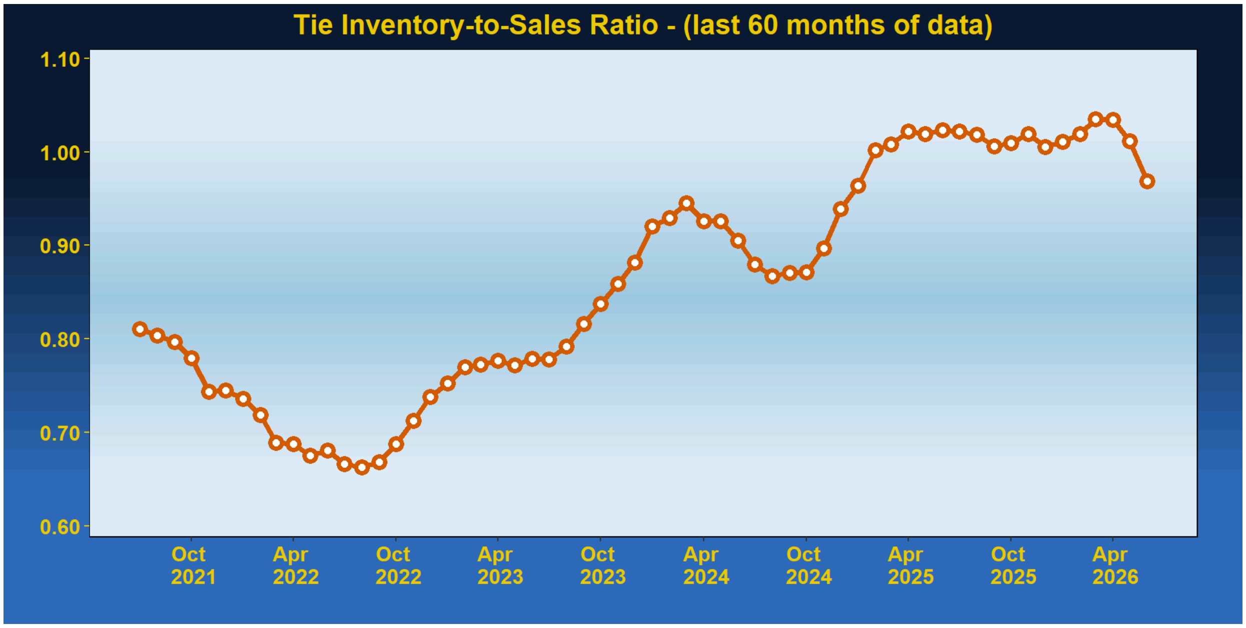

Monthly Production Statistics - (data since 2000)
Current year observations depicted as a black points
Ties (000)
2,500
2,000
1,500
1,000
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec


Monthly Purchases Statistics - (data since 2000)
Current year observations depicted as a black points
Ties (000)
2,500
2,000
1,500
1,000
500
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec

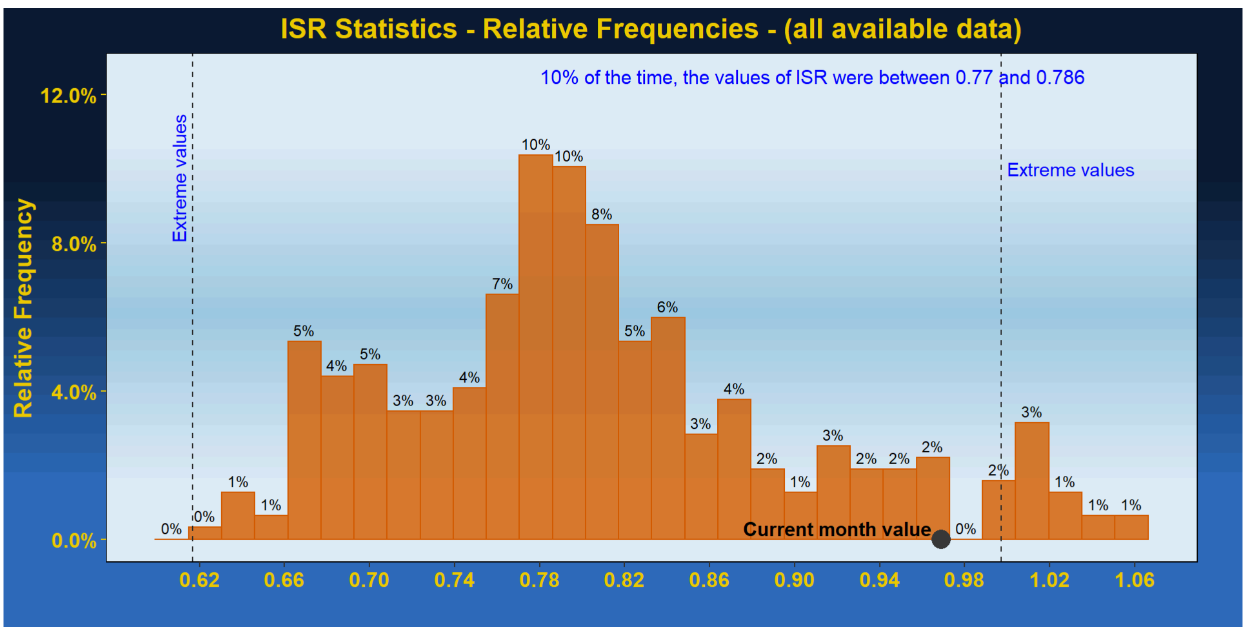

Monthly Pattern of Production and Purchases Statistics - Percent of Annual Total
Data since January 1988
Production
Purchases
12.5%
10.0%
7.5%
5.0%
2.5%
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec


Tie Inventory - Raw Monthly and 3MMA Data - (last 60 months of data)
Ties (000)
22,000
20,000
18,000
16,000
14,000
12,000
Inventory - Raw
Inventory - 3MMA
Oct 2021
Apr 2022
Oct 2022
Apr 2023
Oct 2023
Apr 2024
Oct 2024
Apr 2025
Oct 2025
Apr 2026

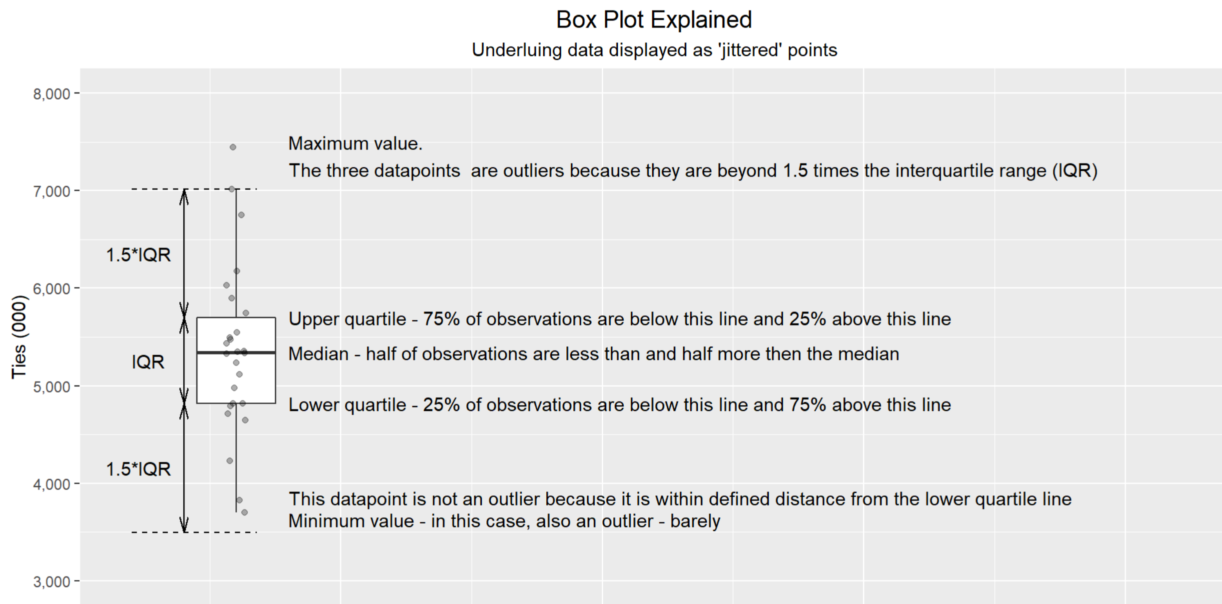

Monthly Patterns of Inventory - (data since 2000)
Monthly average depicted with solid green line, current year observations depicted as a black points
Ties (000)
22,000
21,000
20,000
19,000
18,000
17,000
16,000
15,000
14,000
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec



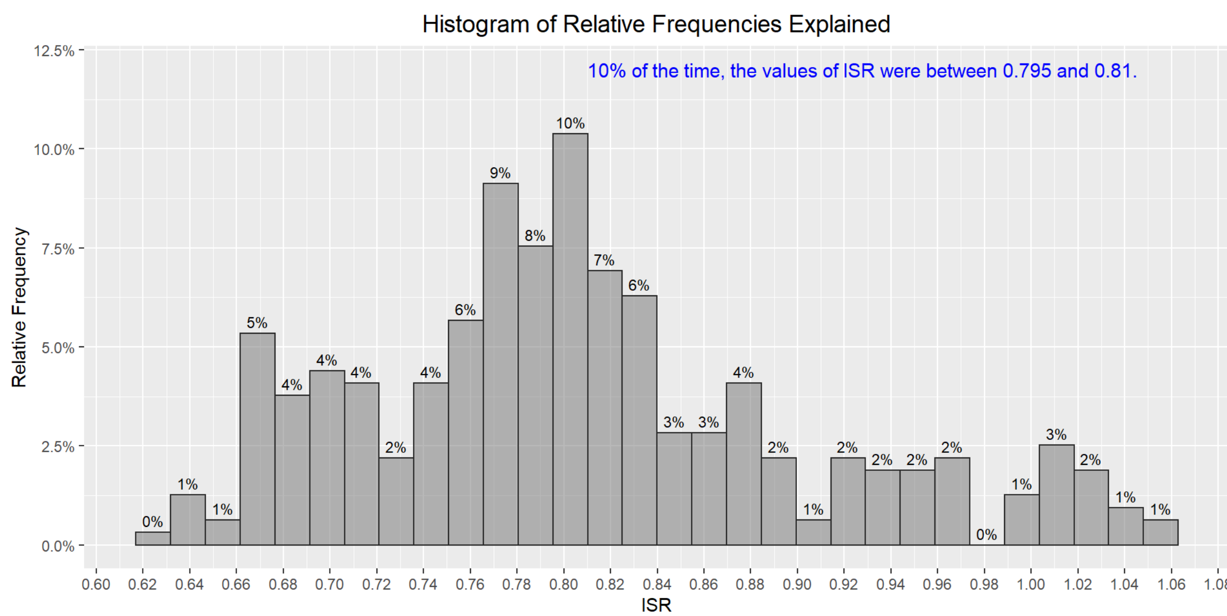
Inventory-to-Sales Ratio (ISR) histogram of relative frequencies shows the monthly ISR data distribution and the black point represents the value for the current reporting month.



Appendix



Box Plot Explained
Underluing data displayed as 'jittered' points
Ties (000)
8,000
7,000
6,000
5,000
4,000
3,000
Maximum value.
The three datapoints are outliers because they are beyond 1.5 times the interquartile range (IQR)
1.5*IQR
IQR
1.5*IQR
Upper quartile - 75% of observations are below this line and 25% above this line
Median - half of observations are less than and half more then the median
Lower quartile - 25% of observations are below this line and 75% above this line
This datapoint is not an outlier because it is within defined distance from the lower quartile line
Minimum value - in this case, also an outlier - barely



Histogram of Relative Frequencies Explained
10% of the time, the values of ISR were between 0.795 and 0.81.
Relative Frequency
12.5%
10.0%
7.5%
5.0%
2.5%
0.0%
ISR
0.60 0.62 0.64 0.66 0.68 0.70 0.72 0.74 0.76 0.78 0.80 0.82 0.84 0.86 0.88 0.90 0.92 0.94 0.96 0.98 1.00 1.02 1.04 1.06 1.08
0% 1% 1% 5% 4% 4% 4% 2% 4% 6% 9% 8% 10% 7% 6% 3% 3% 4% 2% 1% 2% 2% 2% 2% 0% 1% 3% 2% 1% 1%