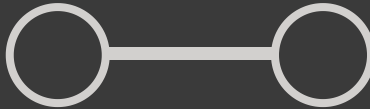


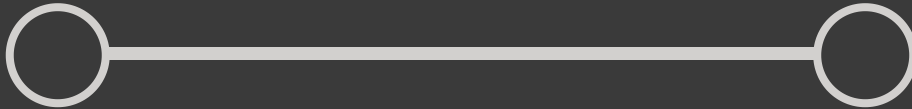
SupplierQuality

80.00 85.76



Date

1/1/2010 10/10/2017



Supplier Quality Score

82.44

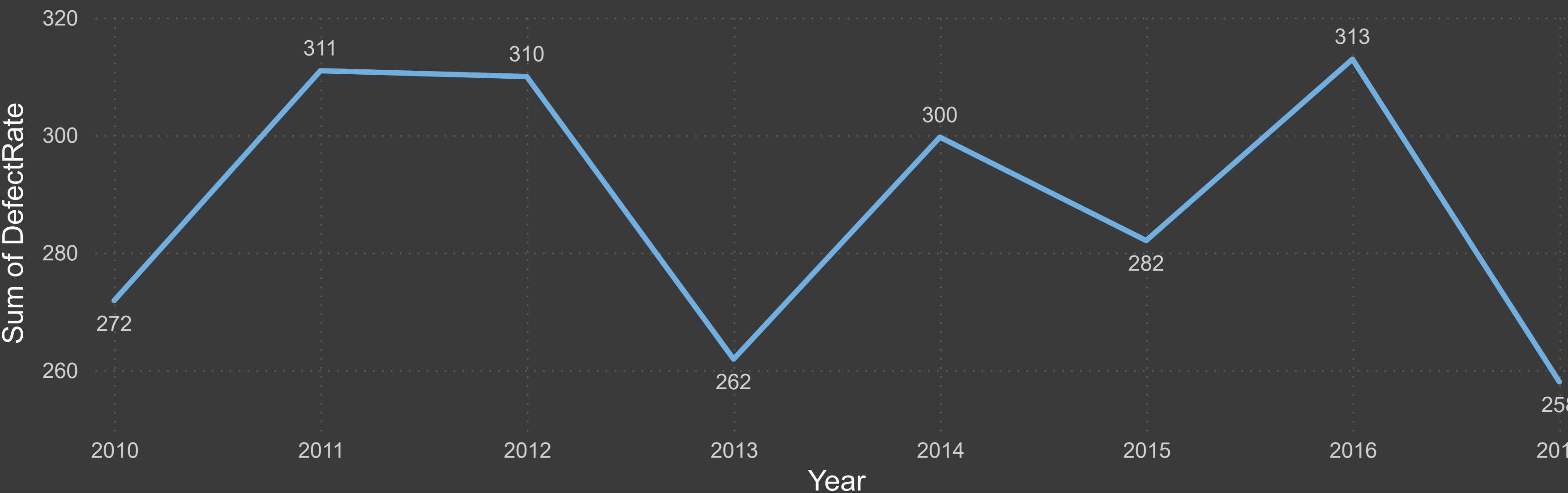
Current Defect Rate

4.43

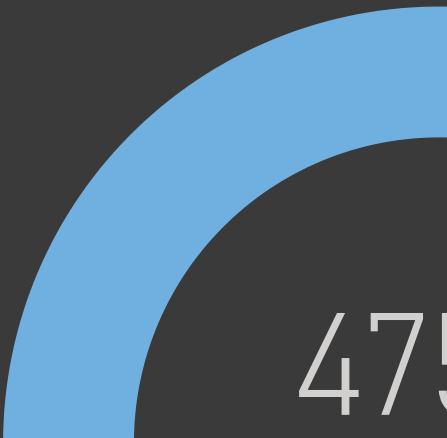
Supplier Quality vs Defect Rate



Defect Rate Trend over time



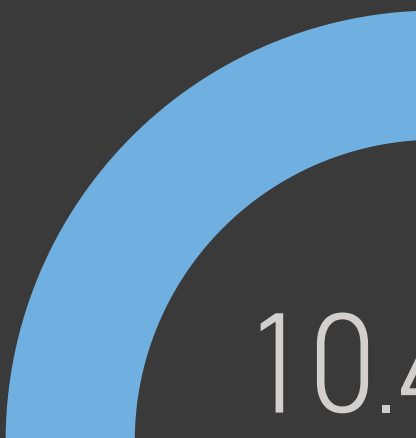
Production Volume



475K

85K 848K

Production Cost



10.47M

4M 17M

Maintenance Hours



11.66

0 24

Year

2010	2011	2012
2013	2014	2015
2016	2017	2018

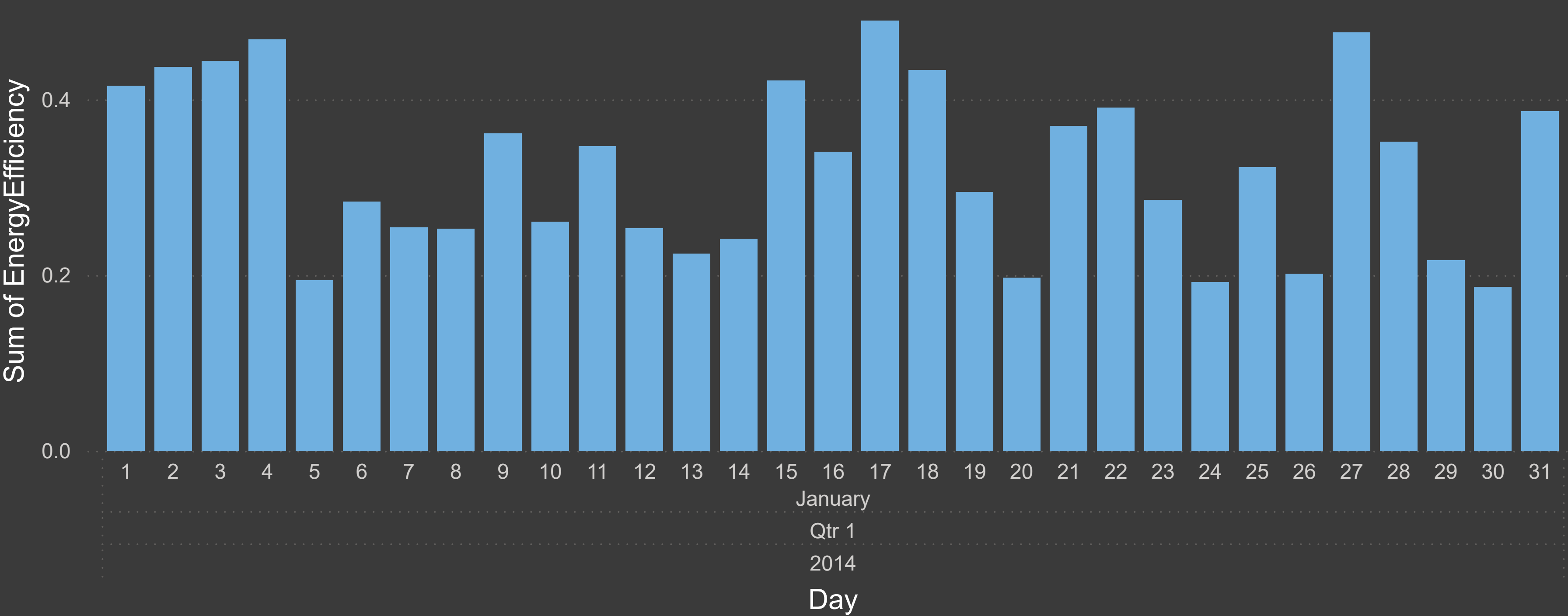
Energy Consumption



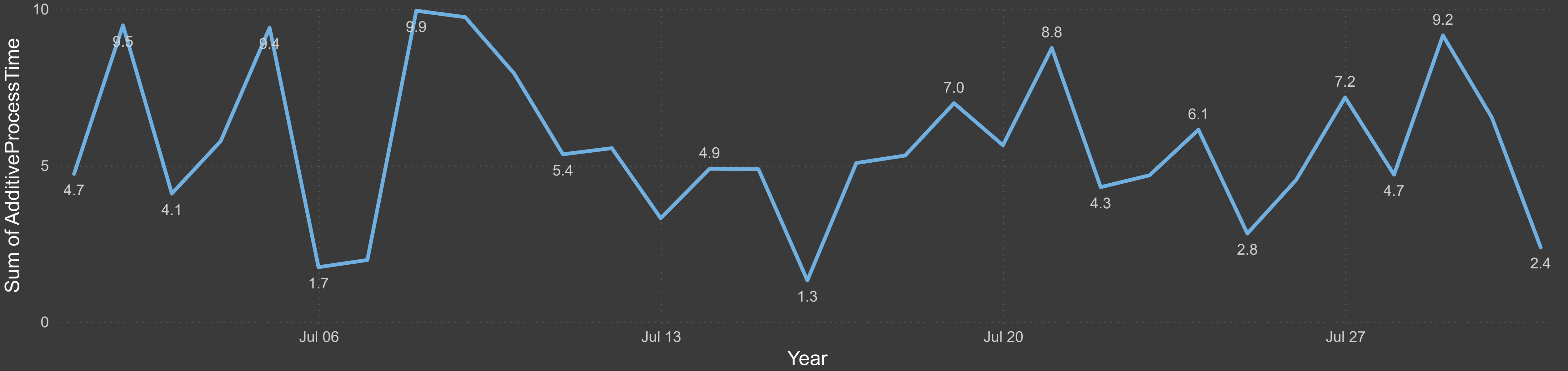
Month

April	August	Dece...
Febru...	January	July
June	March	May

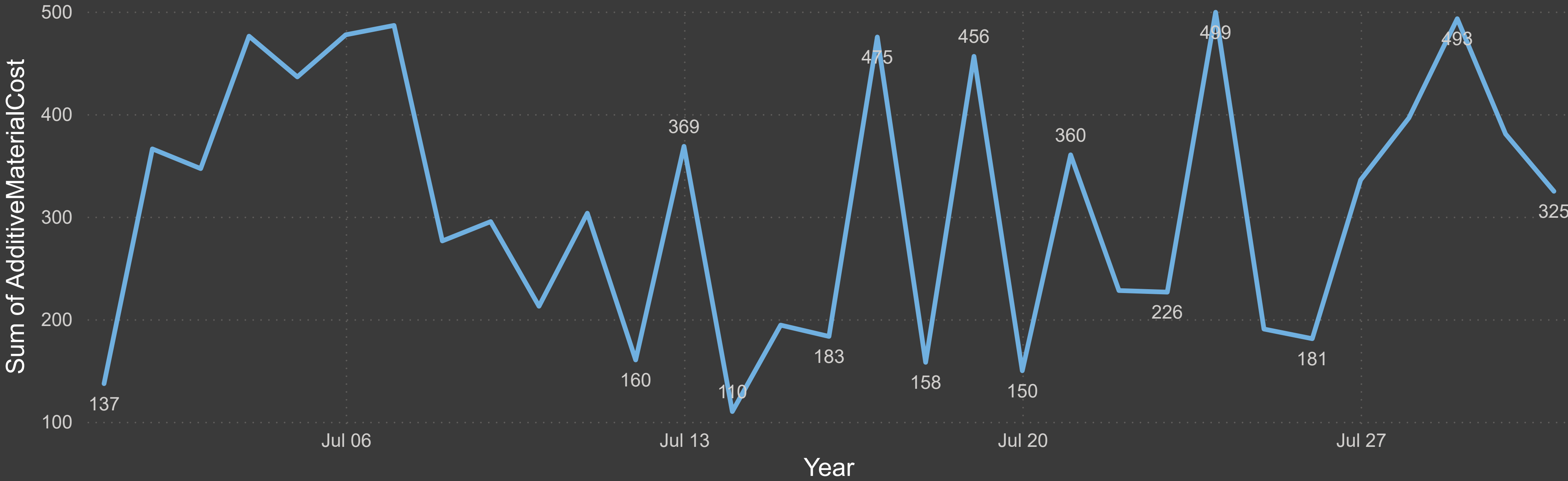
Energy Efficiency



Additive Process Time



Additive Material ICost



Month

April

August

December

Year

2010

2011

2012