



# New Zealand Electricity Market Making Update

November  
2019

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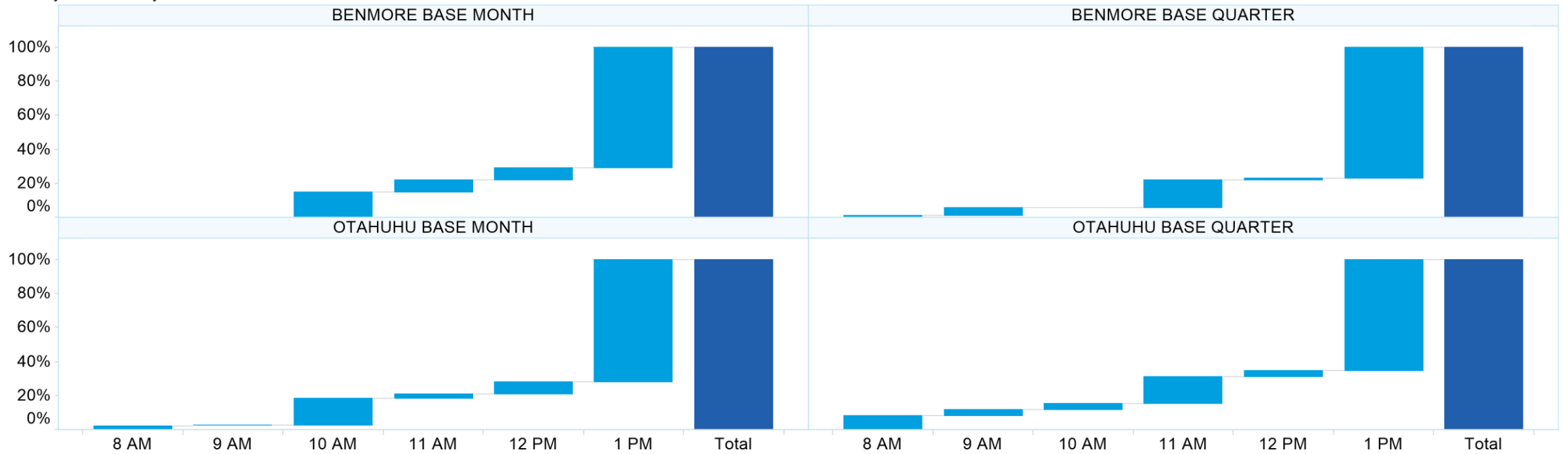
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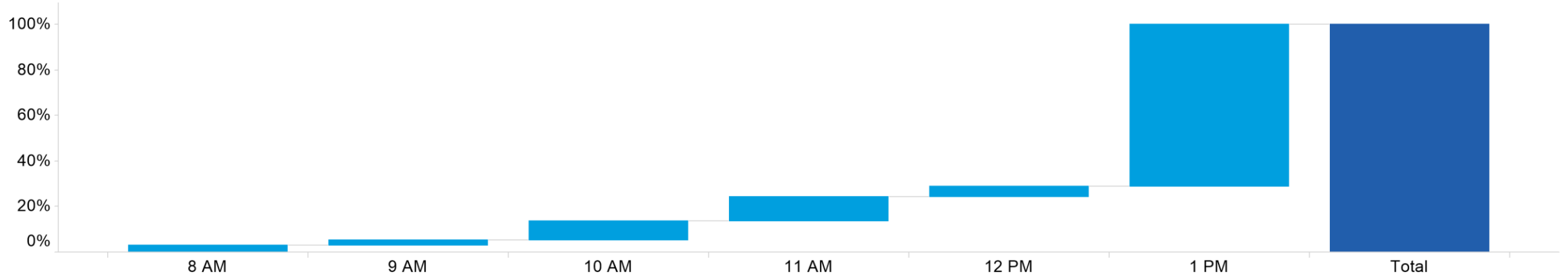
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# 1. NZ TOD Execution

Time of Day Execution by Product - November 2019

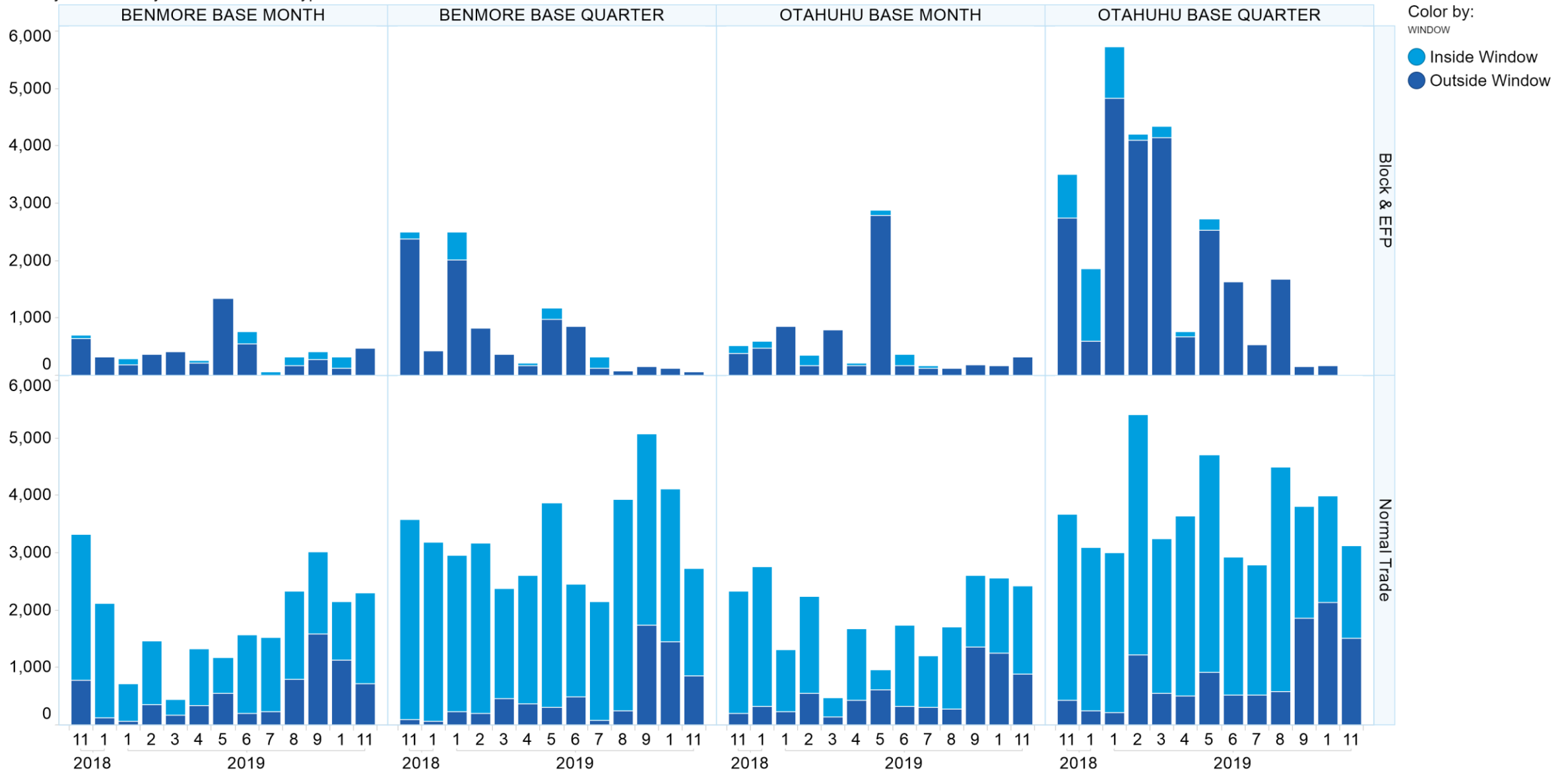


Time of Day Execution All - November 2019



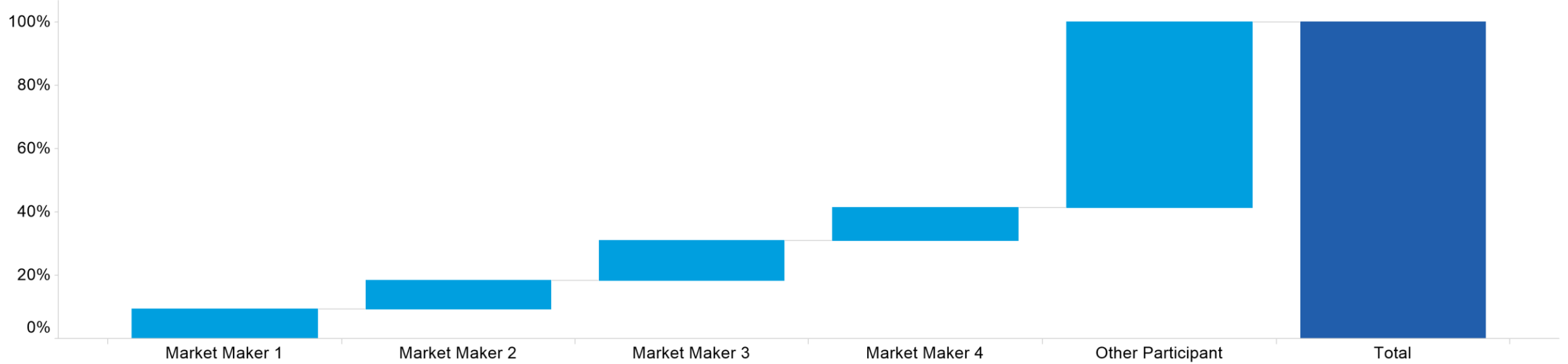
# 2. NZ TOD Comparison

Time of Day Execution by Product & Trade Type

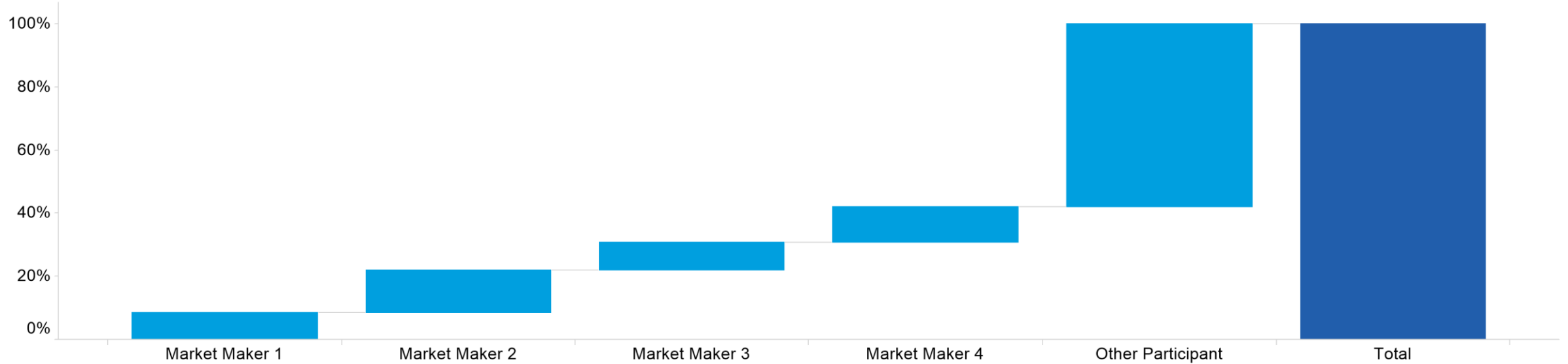


# 3. NZ MM Concentration

Market Maker Concentration (Buy Side) - November 2019

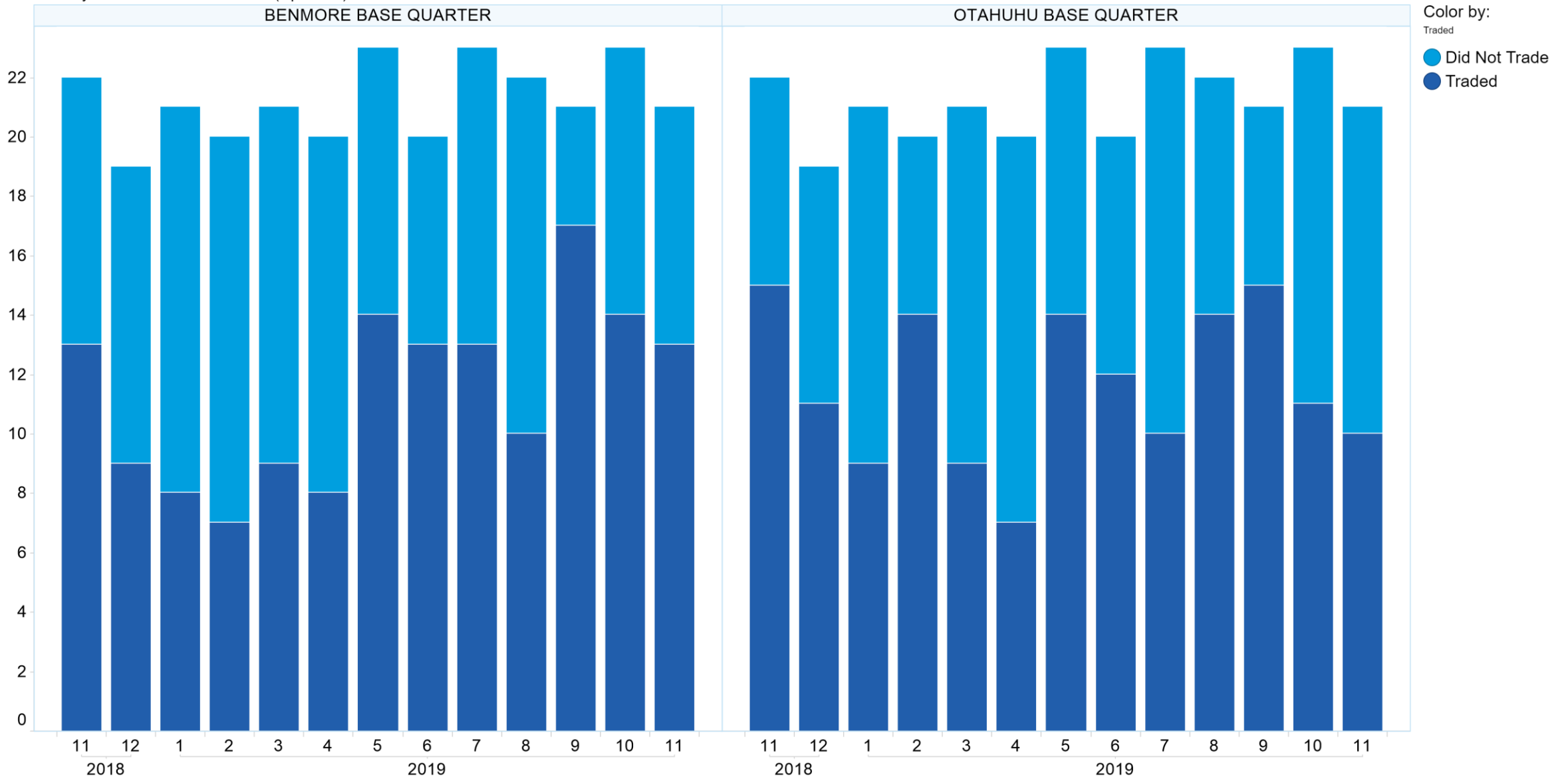


Market Maker Concentration (Sell Side) - November 2019



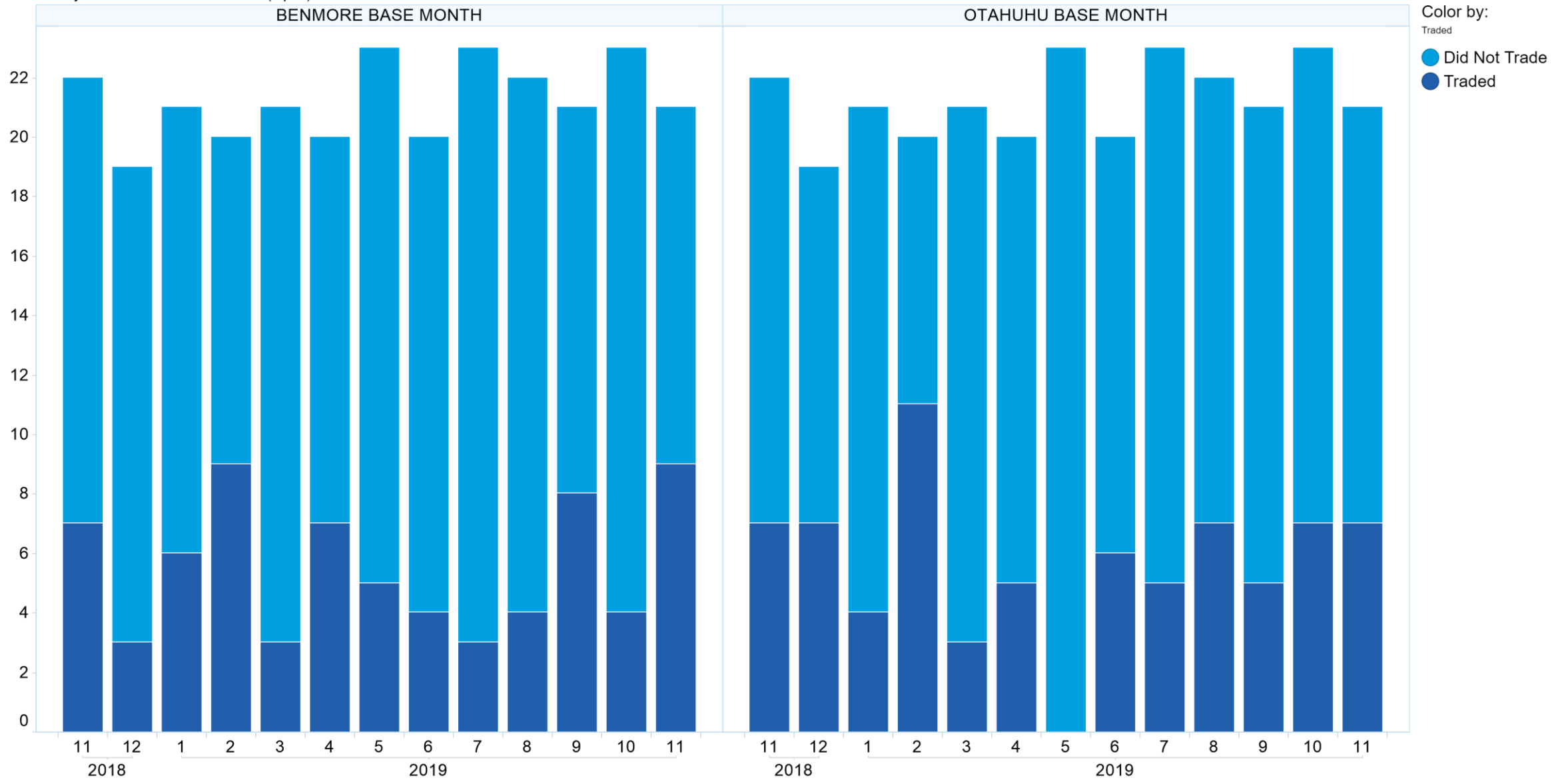
# 4. NZ Quarters Days Traded

Base Quarters Days Traded vs. Not Traded (Spot + 1)



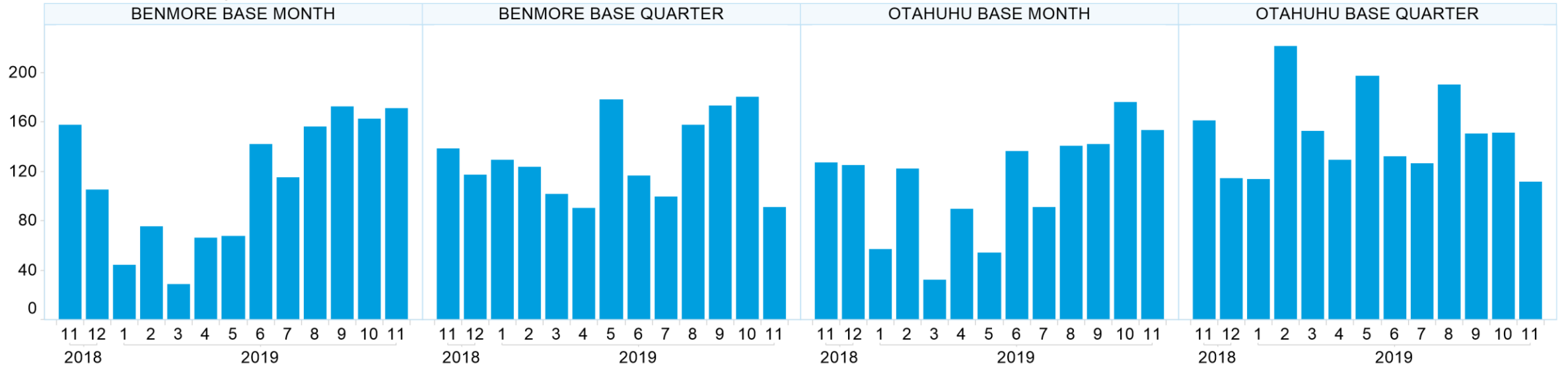
# 5. NZ Months Days Traded

Base Months Days Traded vs. Not Traded (Spot)

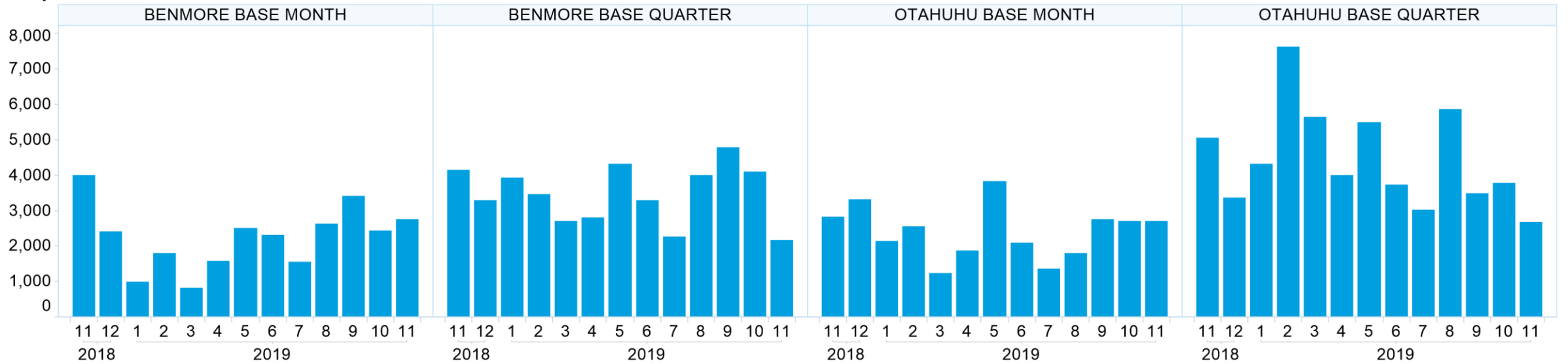


# 6. NZ Vol & Transaction Count

Number of Individual Transactions by Month



Volume by Month





# 7. NZ Pricing on Close

Two Way Pricing on the Close (True/False)

