

# WM/Refinitiv Update

Canadian Foreign Exchange Committee

11 March 2020

# WM/Refinitiv Benchmarks

WM/R is designed to provide independent FX benchmarks which are as at a “point in time” and provide users with transparent and consistent rates which they can trust and use in confidence.

Focusses on two primary objectives:

1. Creating a benchmark which is an accurate representation of the markets
2. Using a robust methodology to protect the integrity of the benchmarks

## What is WM/R and what is it used for?

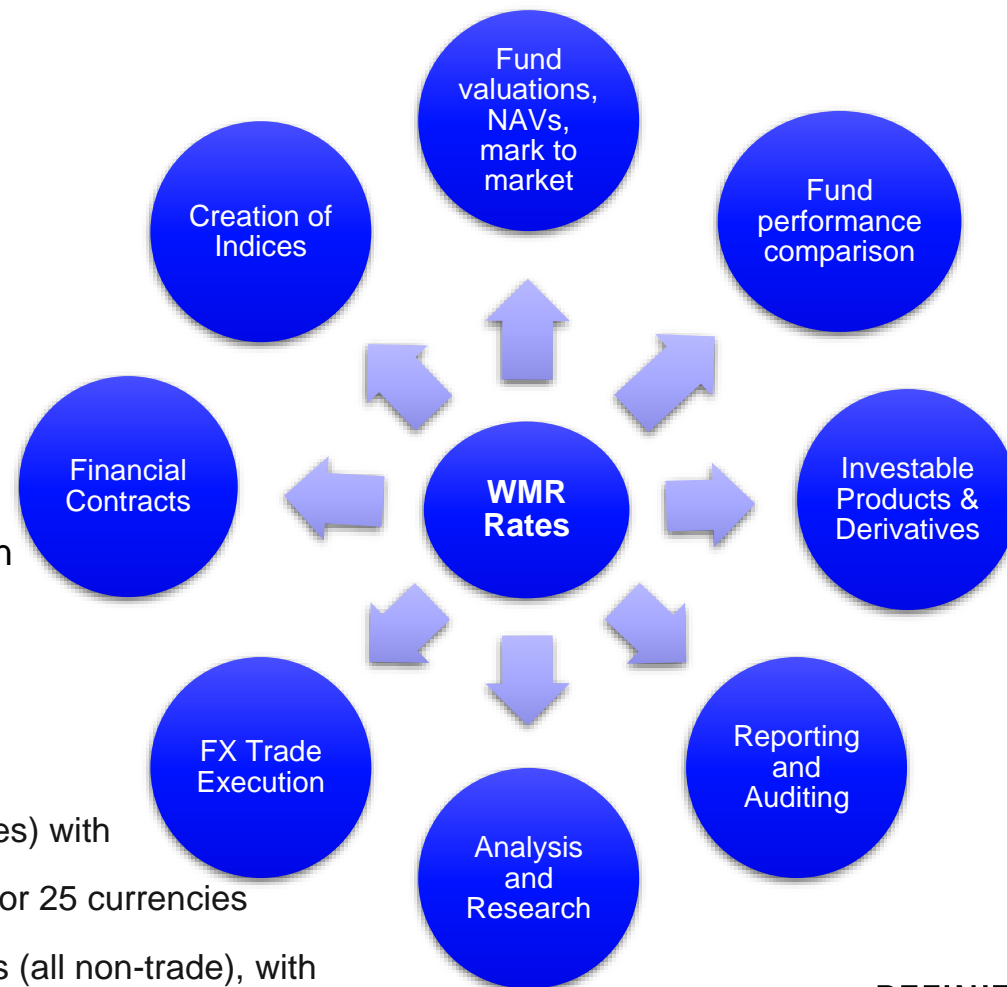
WMR benchmarks originated for use in valuations, performance measurement, & index calculations. As WMR has evolved & improved they are now suitable for a diverse range of financial purposes. WMR does not provide advice on when to use particular benchmark rates but does provide a lot of information to enable users to make an informed choice.

**Spot Rate Benchmarks:** 155 currencies (25 trade currencies, 130 non-trade currencies) with

An hourly service for 155 currencies, including 4pm ‘closing’ rate & 30-minute service for 25 currencies

**Forwards & NDF Benchmarks:** 80 forward rates and 11 non-deliverable forward rates (all non-trade), with

an hourly service for 91 currencies, including 4pm ‘closing’ rate and up to 11 tenors (O/N–5Y)



# WM/Refinitiv – Benchmark Administration

*A comprehensive framework to provide independent scrutiny; governance, regulatory compliance and effective operations*

## RBSL – Regulated Administrator

- Benchmark Regulation Compliance
- FCA – National Competent Authority/Regulator

## Benchmark Oversight Committees

- Independent scrutiny over WMR
- Anchored in regulation expectations/obligations

## User Groups

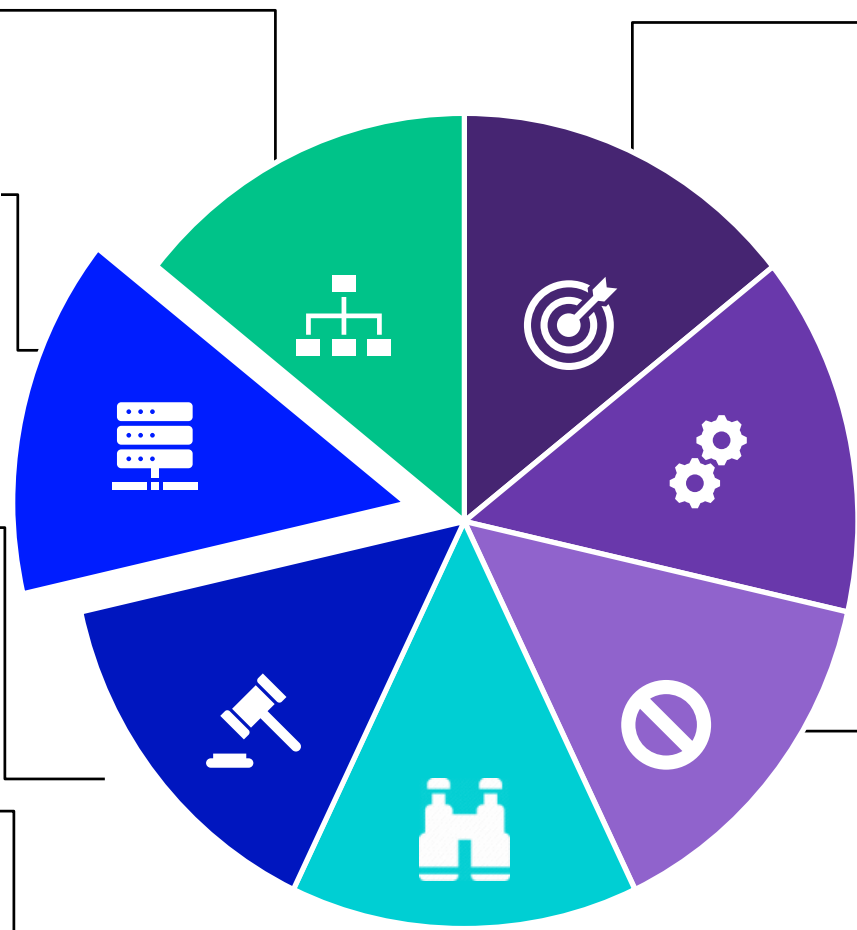
- Informal forum & discussion with market participants
- Current and future requirements

## Governance

- Implementation/management governance framework
- Monitoring of regulatory compliance
  - Tracking and implementation of audit findings
  - Oversight of product oversight committees

## Monitoring and Surveillance

- Investigation of alerts
- Escalation and reporting to oversight committees
- Regulatory reporting/engagement
- Market data analysis and reporting



## Benchmark Management

- Strategy, methodology & design
- Commercial strategy
- Regulatory compliance
- Market and user engagement, consultations,
- Customer/User engagement, support, training and education
- New business generation and innovation

## Business Operations

- Monitoring of compliance with licensing policies (FRAND)
- Customer support, partner engagement
- Management and oversight of new launches, changes, cessations

## Risk Management

- Implementation and monitoring of risk management framework, process and policies
- Performance of risk assessments
- Management of risk register & Risk Committee
- Risk training and awareness



# WM/Refinitiv – Focus Areas 2020+

*User Engagement; Raise Awareness and Knowledge around WMR; Focus on driving greater connection with market participants and users*

## External Liaison

- Liaison with FX Committees, senior market participants and media – to share information around WM/R
- Refinitiv Prescriptives paper (<https://www.refinitiv.com/perspectives/market-insights/what-makes-an-effective-fx-benchmark/>) - looking at important characteristics of benchmarks and administration

## User Groups

- Re-establishing working user groups split into APAC and EMEA/Americas
- Participation across buy-side and sell-side
- Informal forum to discuss all things WM/R – methodology feedback, opinions, requests, requirements, new ideas and covers all WMR
- Recent questions and discussion topics:

### Calculation Window

- Should it be longer than 5 minutes?
- Would it reduce market impact around 4pm?
- How frequent/significant is the market impact around 4pm?

### Median Calculation

- Median vs Mean
- Why Median and characteristics
- Hedging impact for sell side
- Data analysis
- Impact of calculation window

### Forwards & NDFs

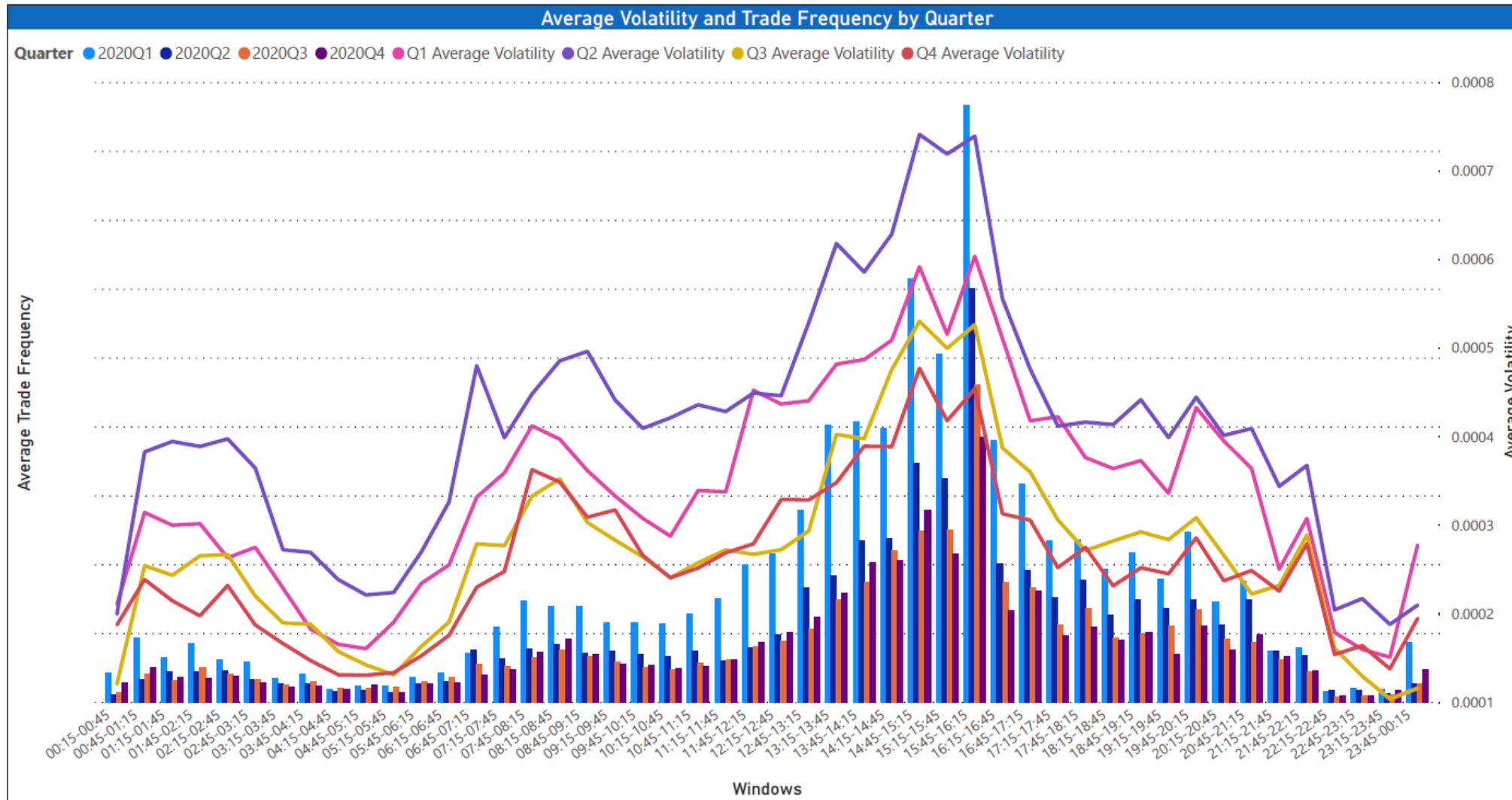
- Regulated under EU BMR
- Different to spot rates
- Methodology enhancements
- Data Sourcing & challenges for transaction data



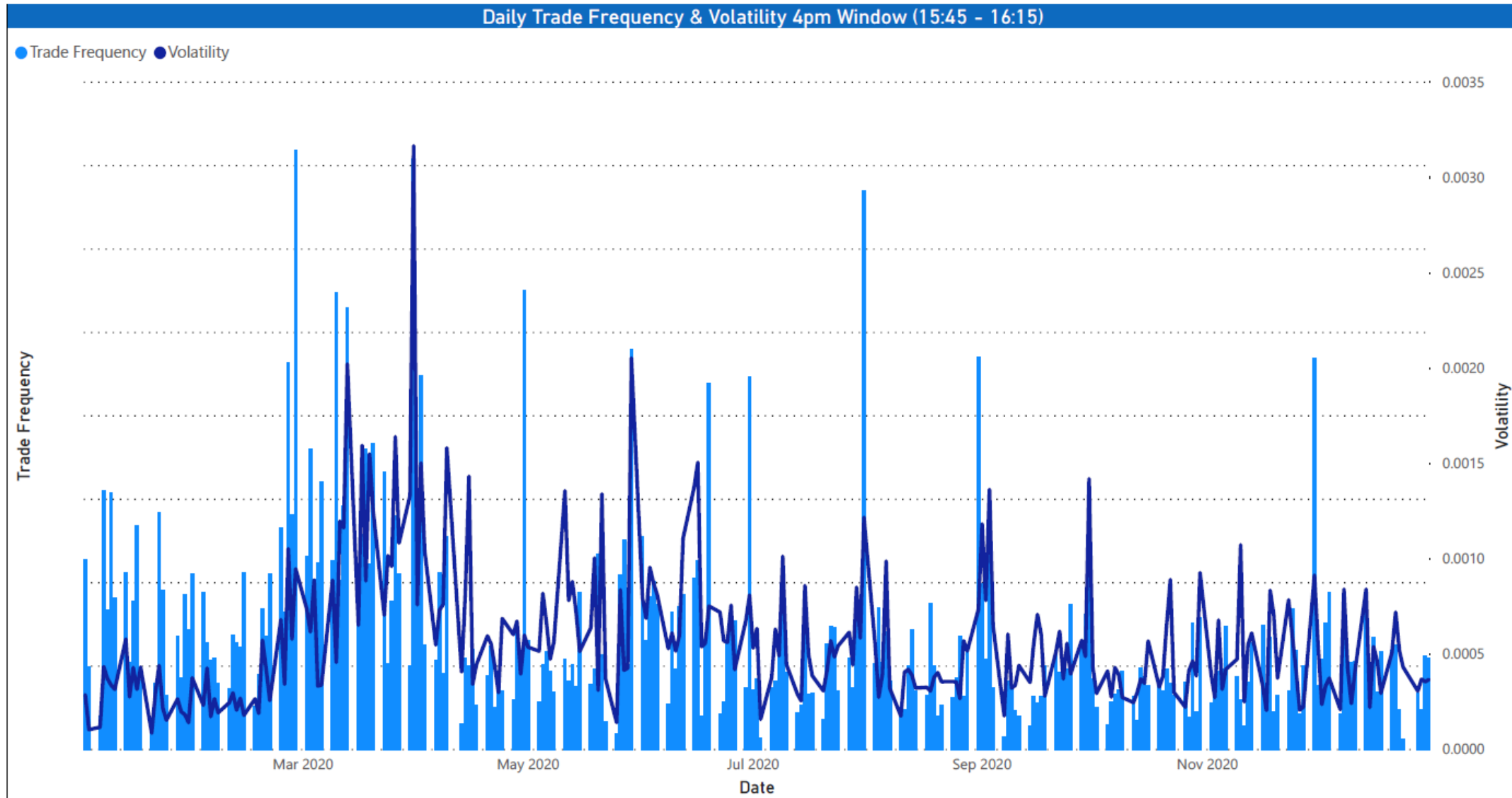
# WM/Refinitiv – Focus Areas 2020

Market Data Analysis – Q1 – Q4 2020

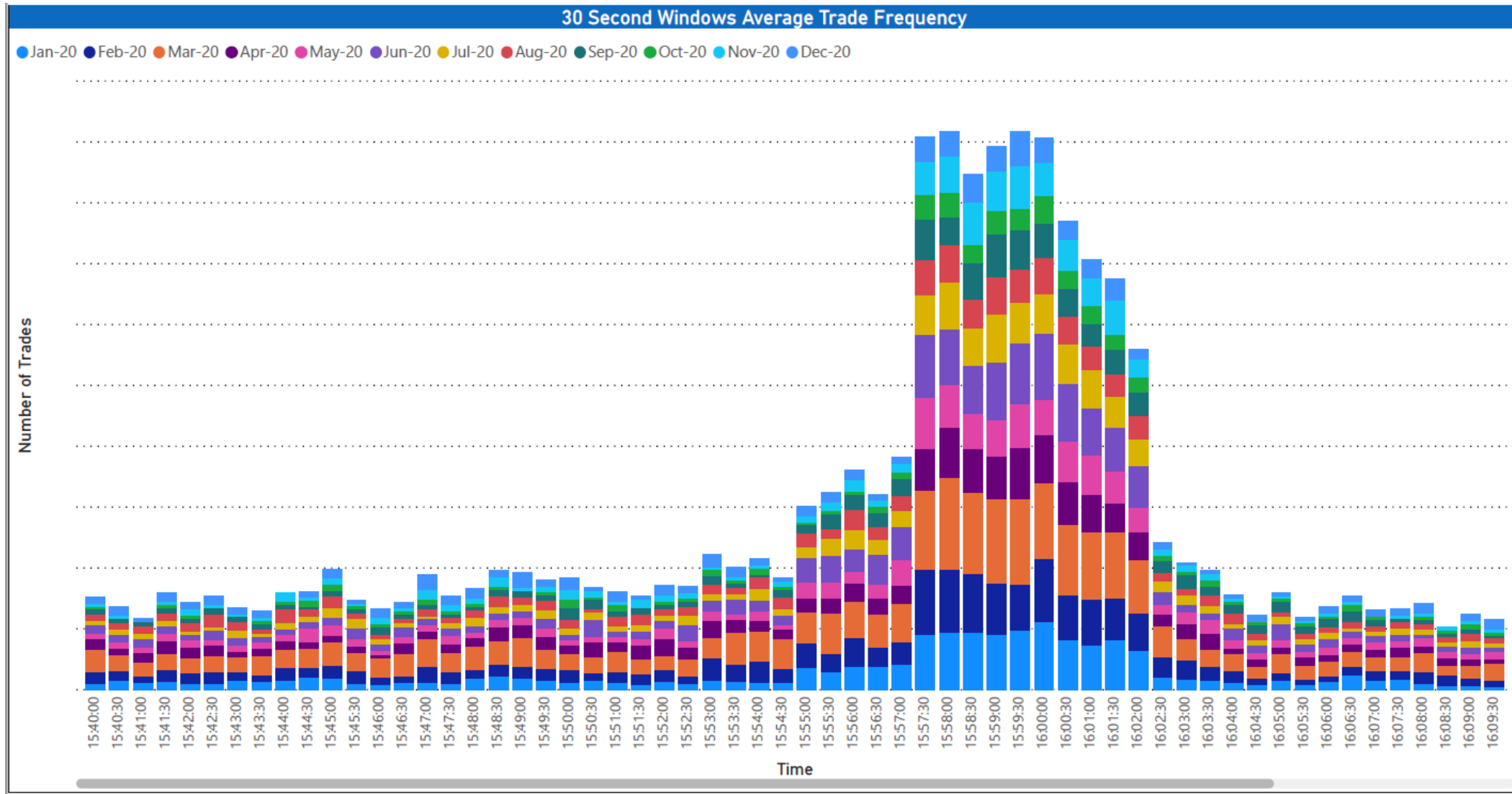
USD/CAD Average Volatility & Trade Frequency Q1-Q4 broken down by 30-Minute time windows (BST)



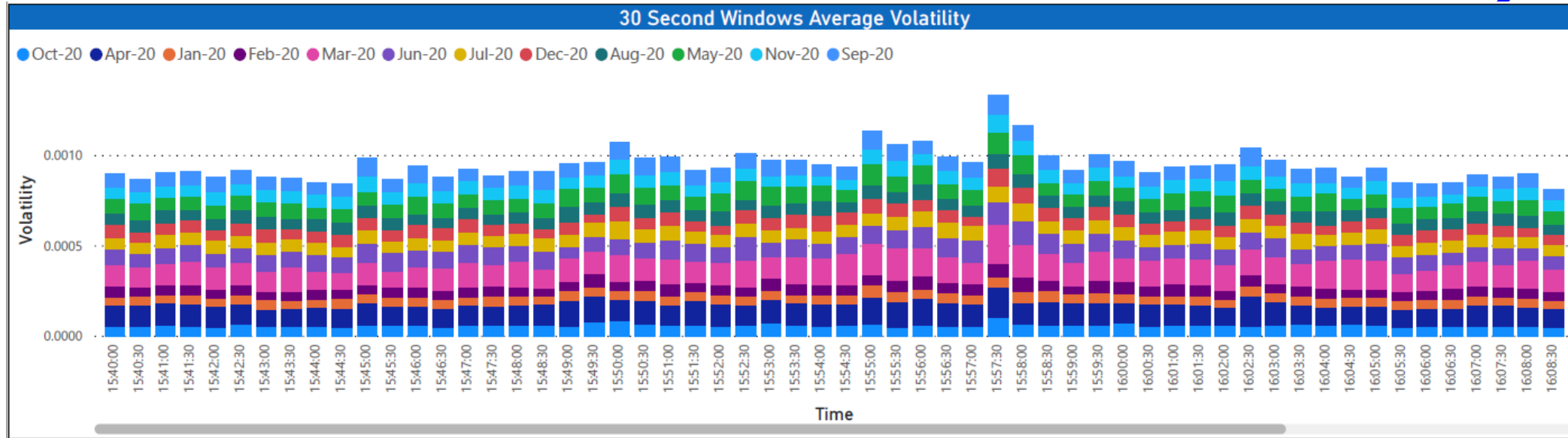
# Volatility & Trade Frequency over Q1-Q4 during the 15:45-16:15 Time Window (BST)



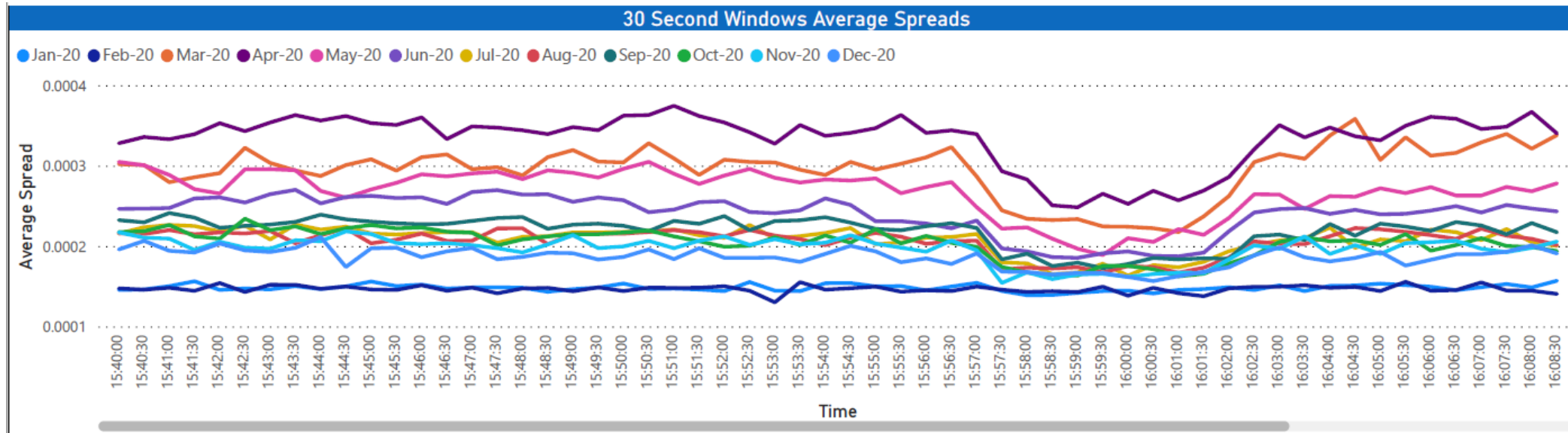
# 30-Second Trade Frequencies per Month broken down by 30-Second Windows from 15:40-16:10 (BST)



## 30-Second Average Volatility per Month broken down by 30-Second Windows from 15:40-16:09 (BST)

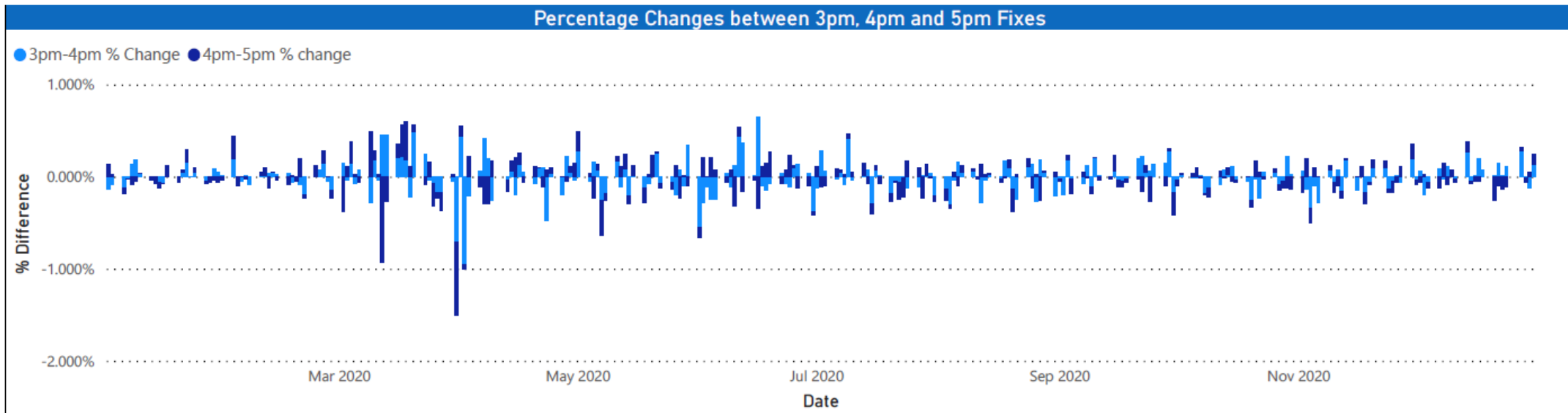
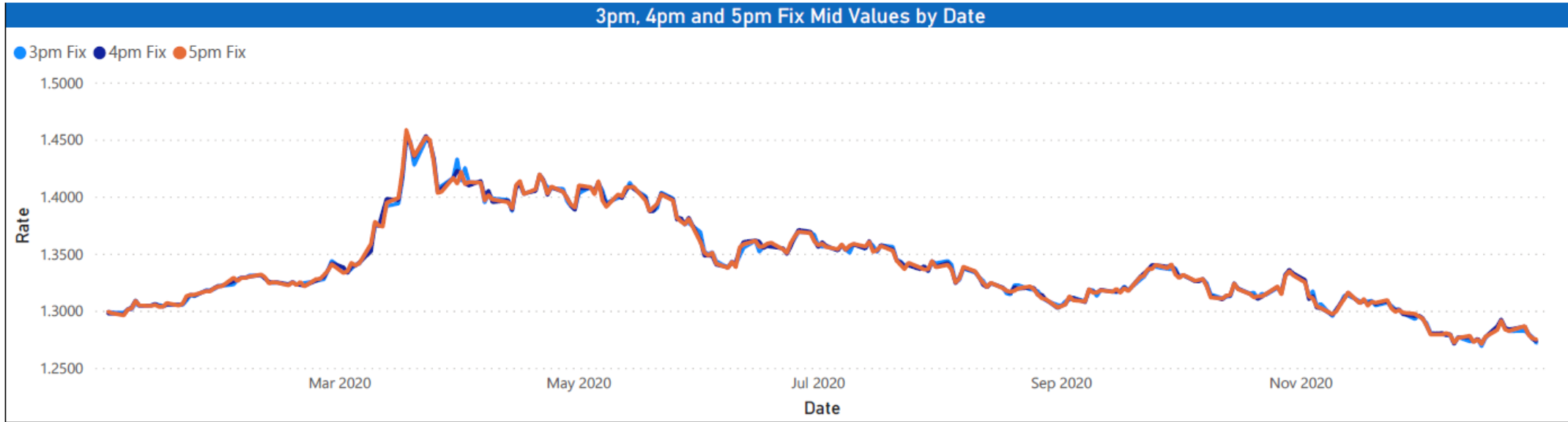


## 30-Second Average Spreads per Month broken down by 30-Second Windows from 15:40-16:09 (BST)

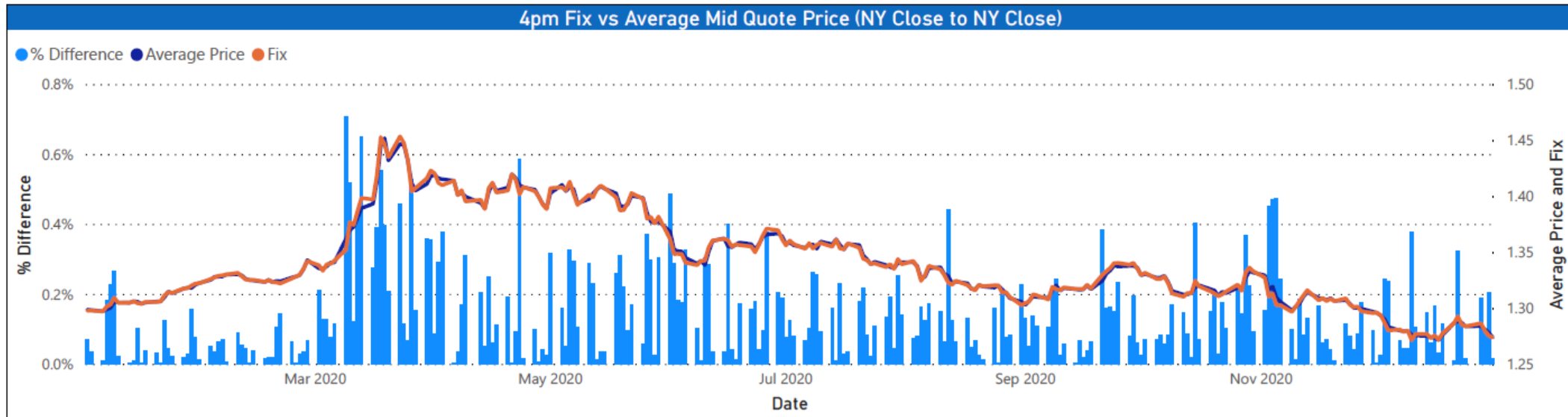




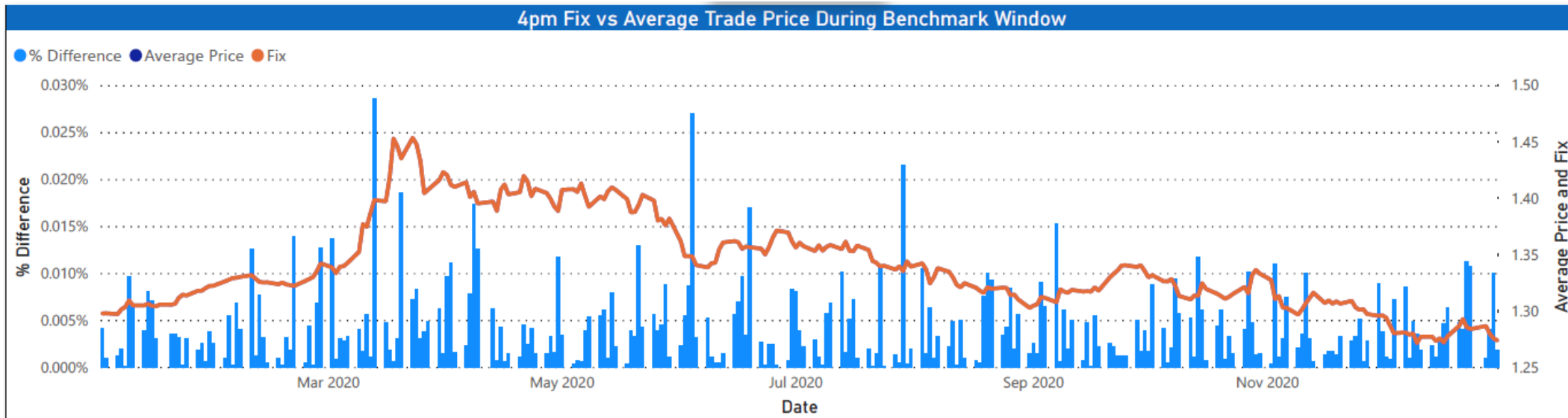
# 3pm, 4pm and 5pm WMR Benchmark Rates (Mid Values) Comparisons



## 4pm WMR Benchmark Rates vs Average Trade Price over the 24-Hour Day

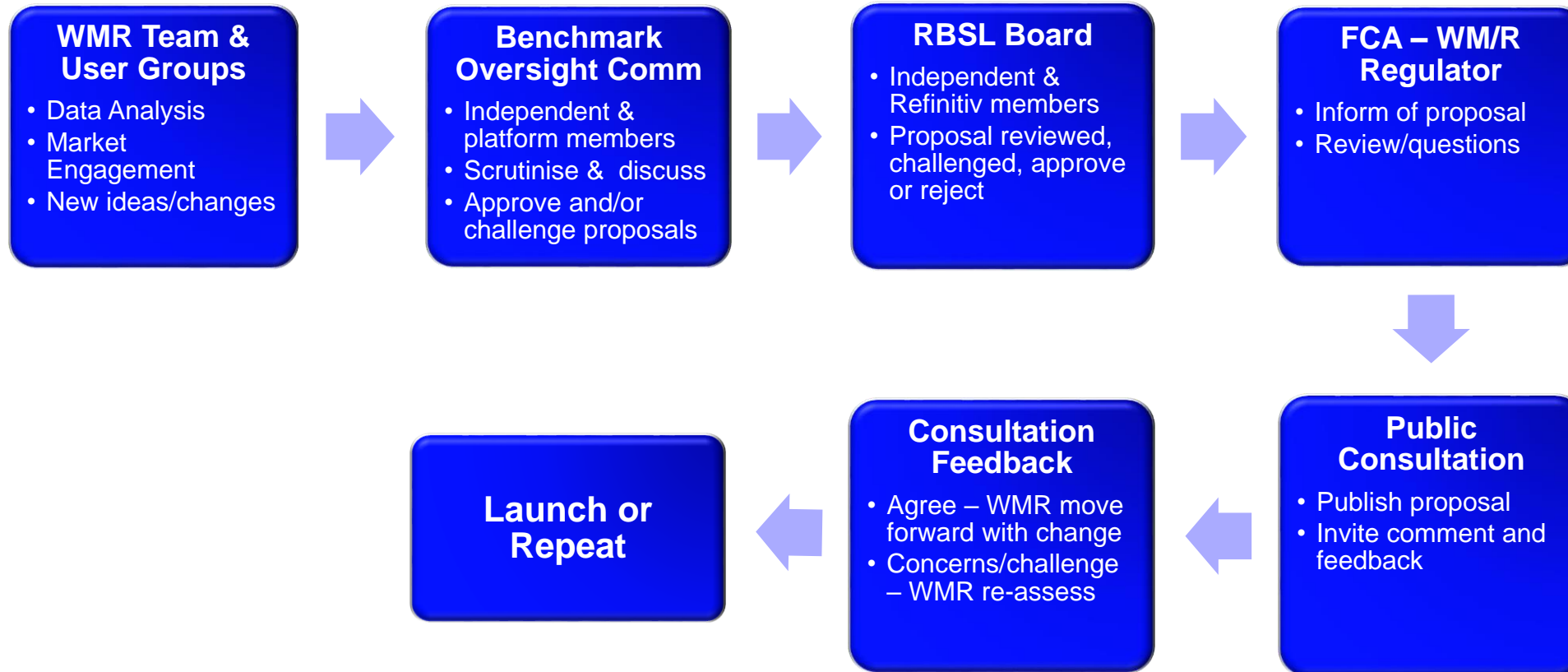


## 4pm WMR Benchmark Rates vs Average Trade Price During the Benchmark Window



# WM/Refinitiv – Change Governance & Process

*WM/R follows a comprehensive and inclusive methodology change process, which adheres to the expectations under Benchmark Regulation and the IOSCO Principles*



Thank you