

World Economic Conference

2 0 2 1

The Pawn of Finance

While There Will Be NO new Great Depression

We will see STAGFLATION whereby the
days of economic prosperity are Gone

**Starvation
Collapse in many sectors
Political Unrest
Risk of War Post 2024**



Food & Drinks

China is urging families to stock up on food as supply challenges multiply

By Laura He, Yong Xiong, CNN Business

CNN 1 day ago



Hong Kong/Seoul (CNN Business) — China is telling families to stock up on food and other daily essentials as bad weather, energy shortages and Covid-19 restrictions threaten to disrupt supplies. The country's Ministry of Commerce late Monday issued a notice directing local governments to encourage people to stockpile "daily...

www.cnn.com

Food Crisis



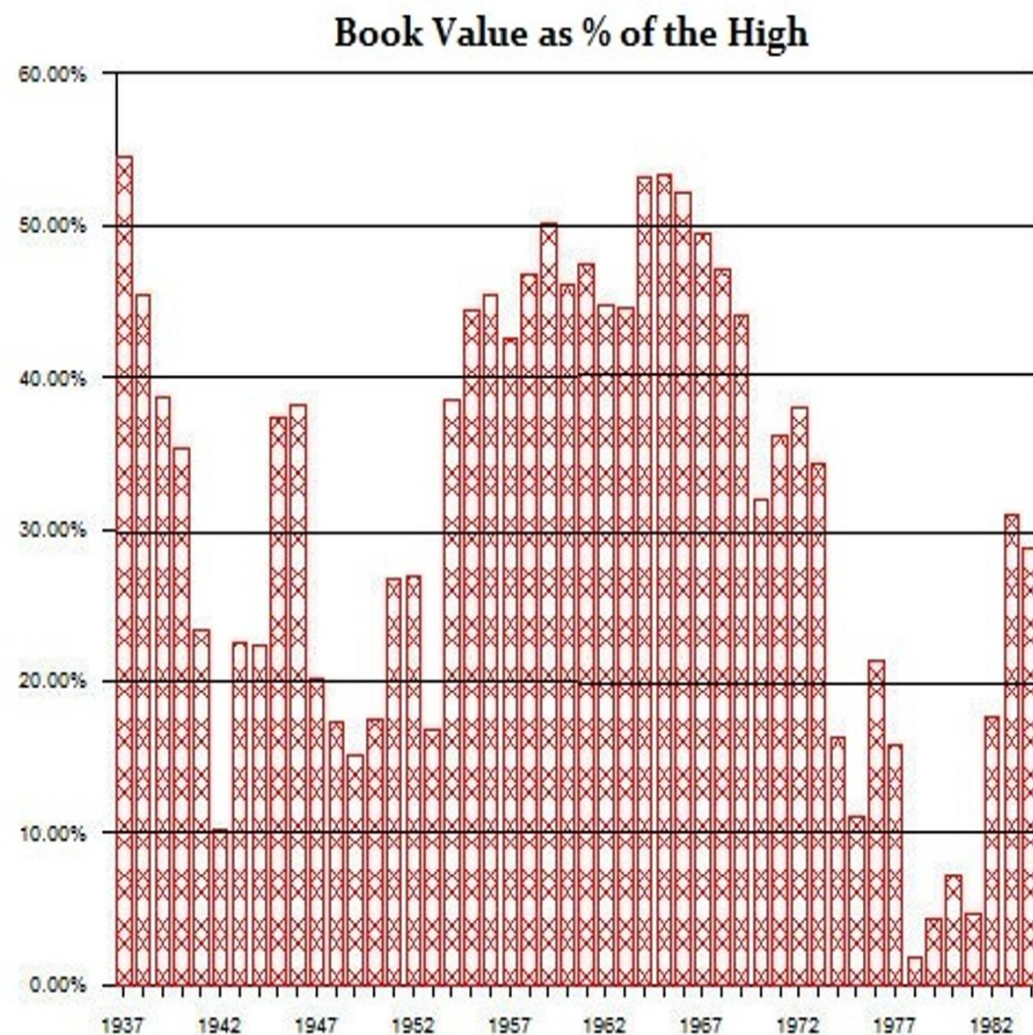
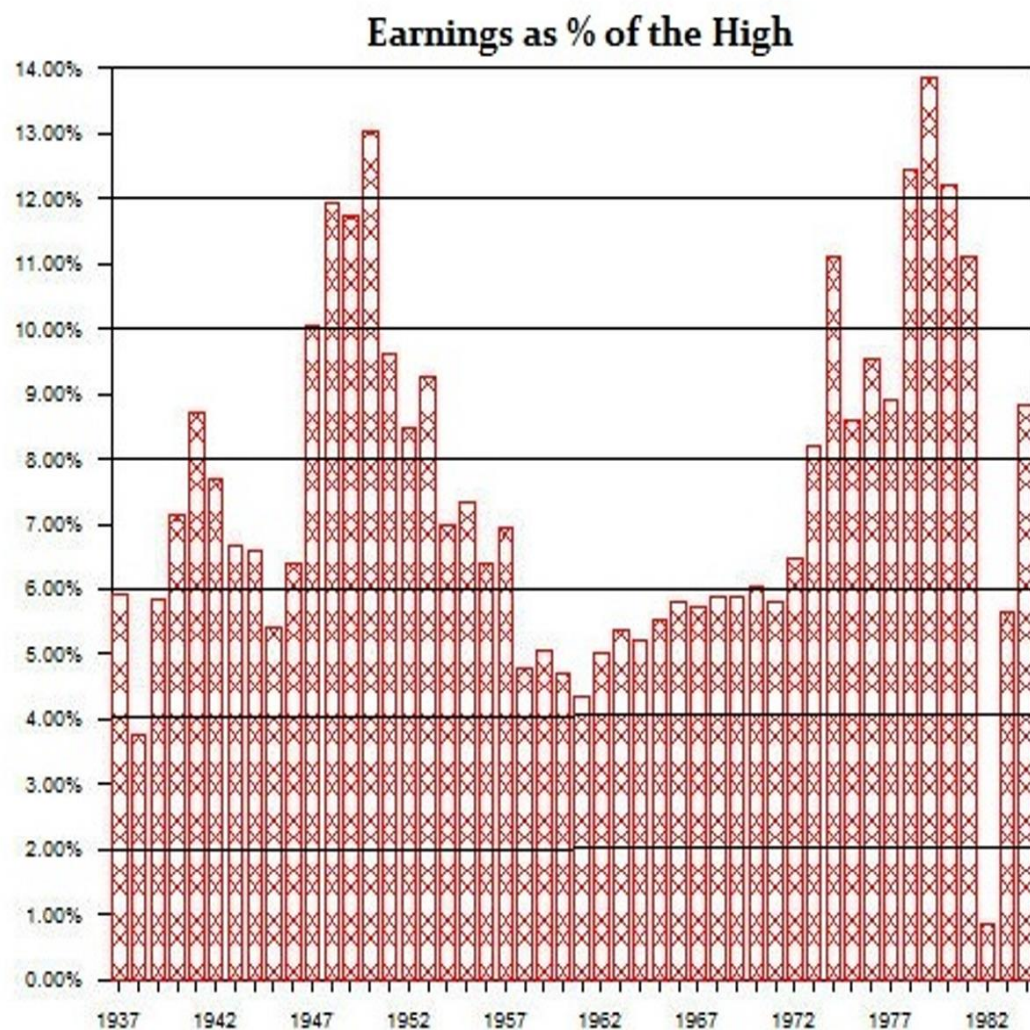
**We are in for
Serious Food Crisis
Please Stock up Now!**

8 predictions for the world in 2030

Earth's **seismic noise** has been the **lowest in decades** due to lockdowns



Dow Jones Industrial Average 1937-1982



US - Dow Jones Industrials Index (DJIA)

37650-38100

CHART TOOLS

Expressed in US Dollar

Price Targets

Sat Jan 01 2022

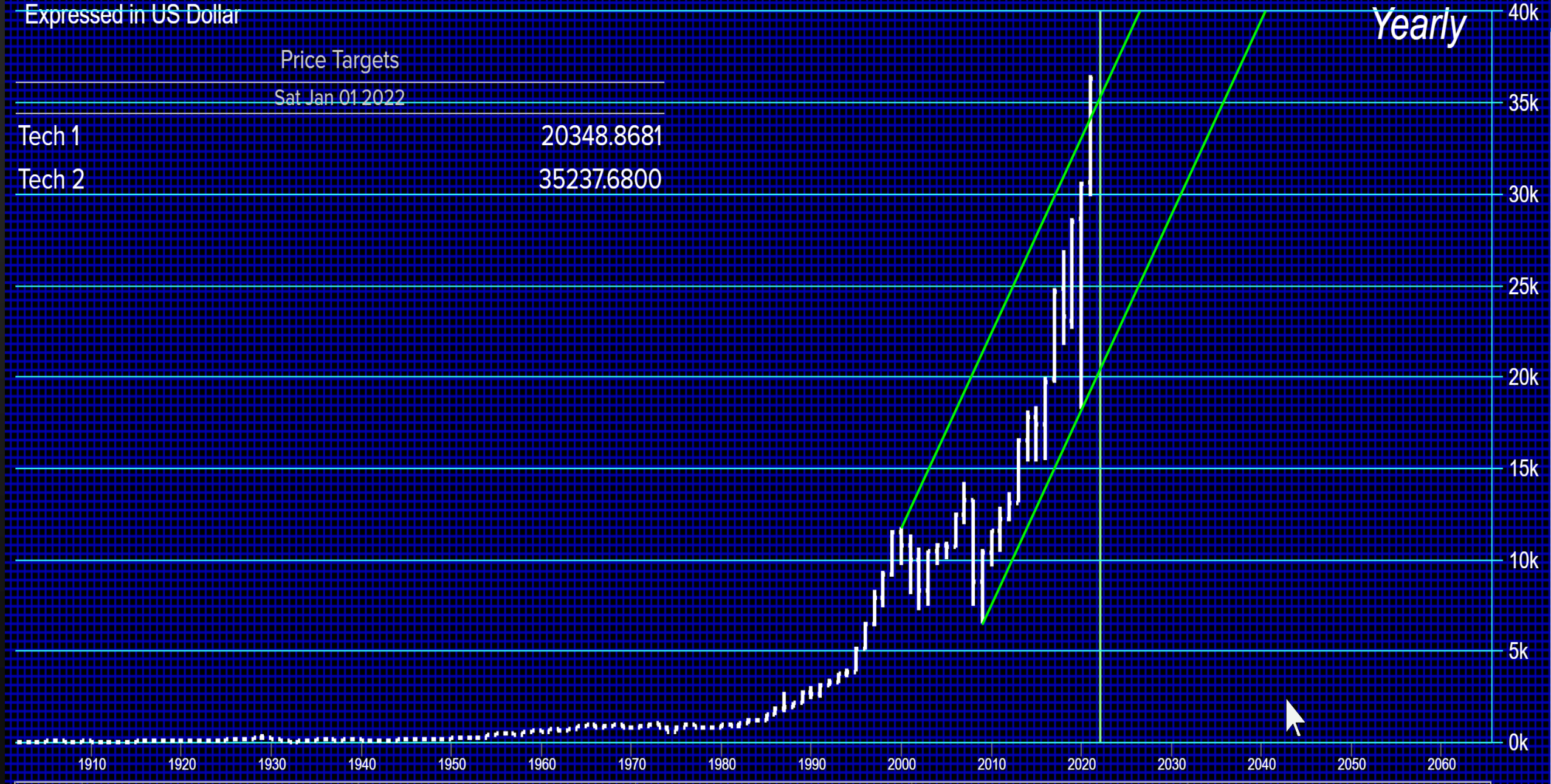
Yearly

Tech 1

20348.8681

Tech 2

35237.6800



ENERGY REALITY

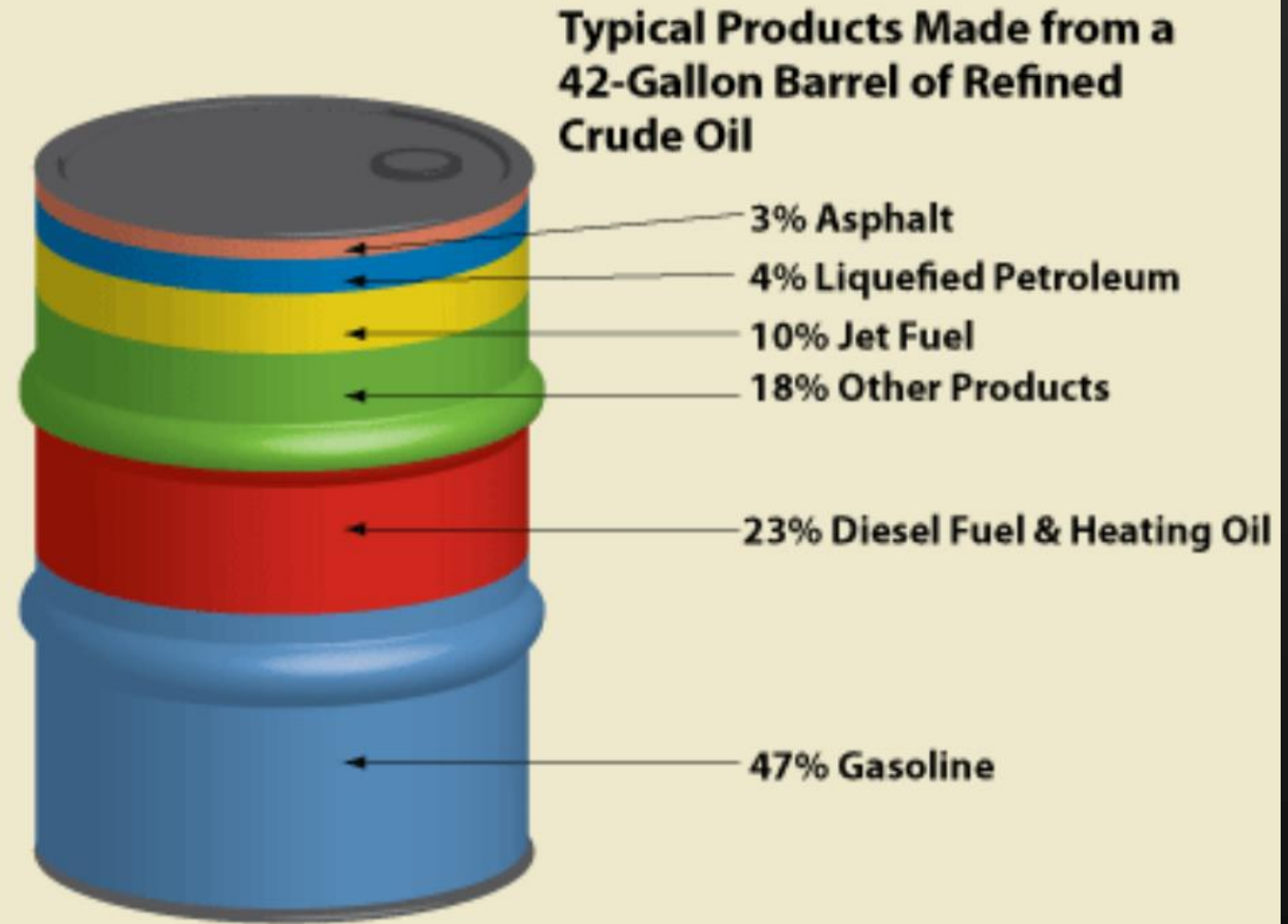
An Alternative for Tomorrow?

The International Energy Agency (I.E.A.) projects global energy demand will rise more than 25% by 2040, driven by **population growth** and rising incomes. Even in the I.E.A.'s most aggressive low-carbon scenario, oil and natural gas will meet approximately half of that demand.



**25% of Oil
Production is
for other
products**

Products Made from a Barrel of Crude Oil



Source: U.S. Department of Energy.

Petrochemical feedstock naphtha and other oils refined from crude oil are used as feedstocks for petrochemical crackers that produce the basic building blocks for making plastics



Independent Statistics & Analysis
U.S. Energy Information
Administration

[+ Sources & Uses](#)

[+ Topics](#)

[+ Geography](#)

FREQUENTLY ASKED QUESTIONS (FAQS)

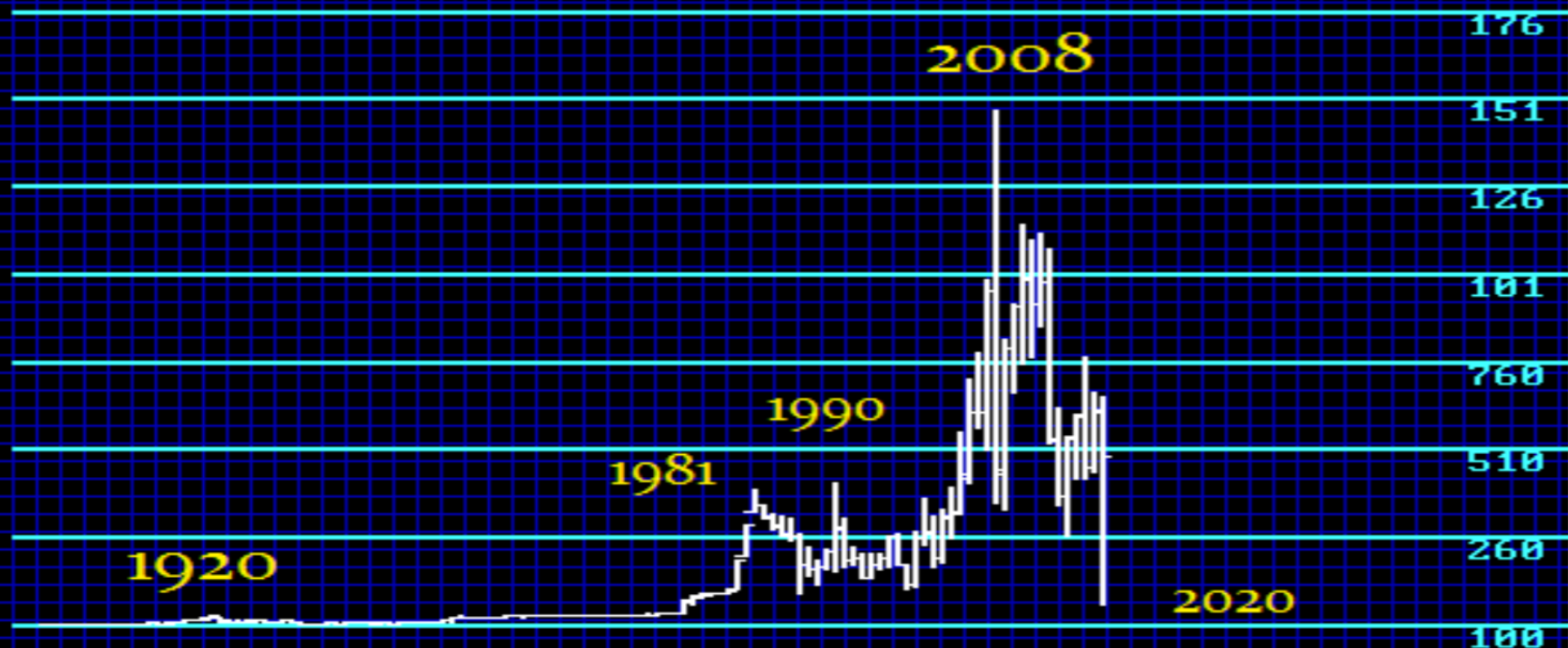
How much oil is used to make plastic?

Although crude oil is a source of raw material (feedstock) for making plastics, it is not the major source of feedstock for plastics production in the United States. Plastics are produced from natural gas, feedstocks derived from natural gas processing, and feedstocks derived from crude oil refining. The U.S. Energy Information Administration (EIA) is unable to determine the specific amounts or origin of the feedstocks that are actually used to manufacture plastics in the United States.

[Petrochemical feedstock naphtha and other oils](#) refined from crude oil are used as feedstocks for petrochemical crackers that produce the basic building blocks for making plastics. EIA data can only identify those oil-derived feedstocks specifically designated as petrochemical feedstock by petroleum refineries in EIA's refining surveys, which break out into [Naphtha For Petrochemical Feedstock Use](#) and [Other Oils For Petrochemical Feedstock Use](#). However, the petrochemical industry also consumes large quantities of [hydrocarbon gas liquids \(HGLs\)](#).

NY Crude Oil Futures

Yearly



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Range 195.39 . 0 Jan. 1, 1902 Jan. 1, 2020

02

52

02

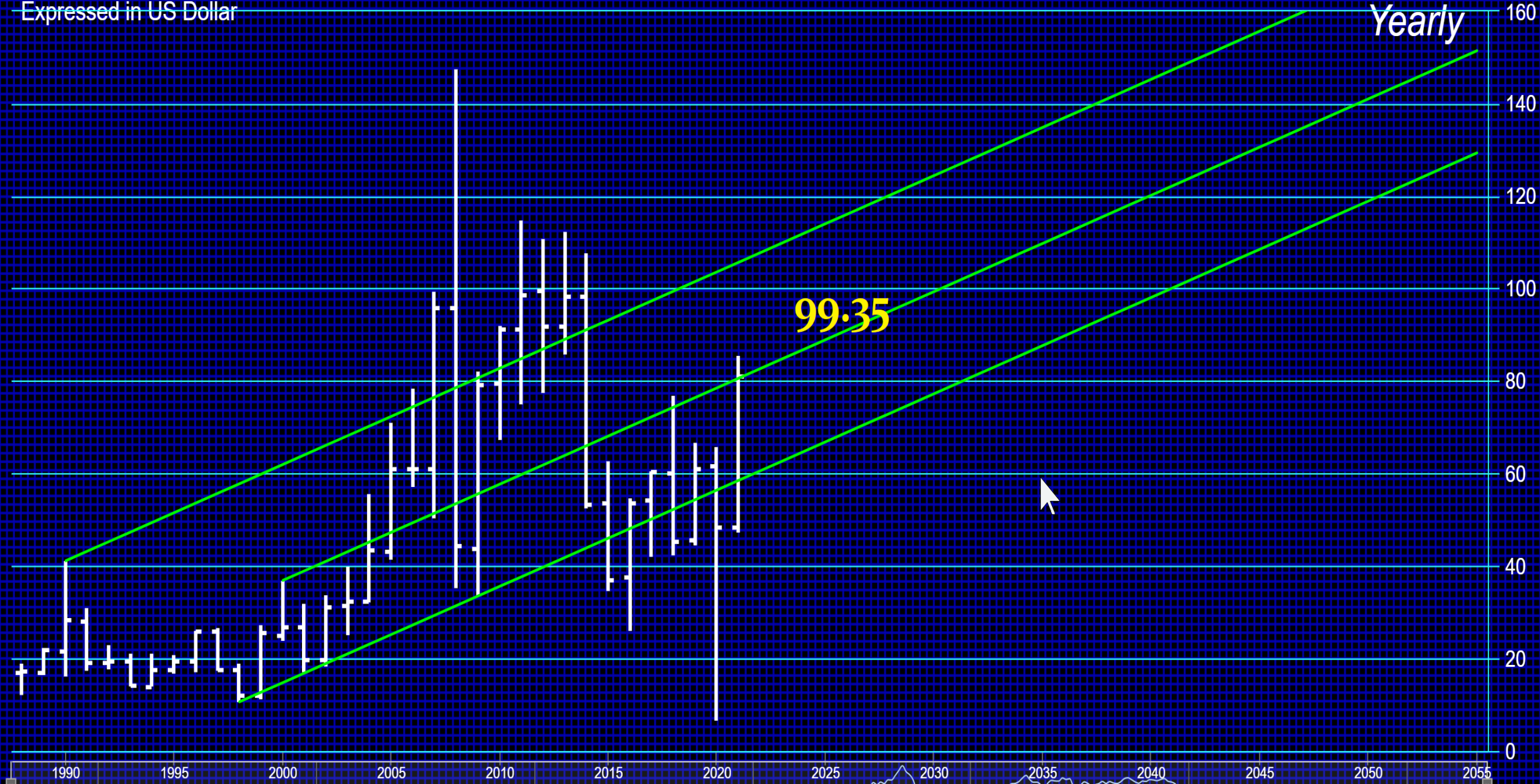
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NY Crude Oil Futures (CL)

CHART TOOLS

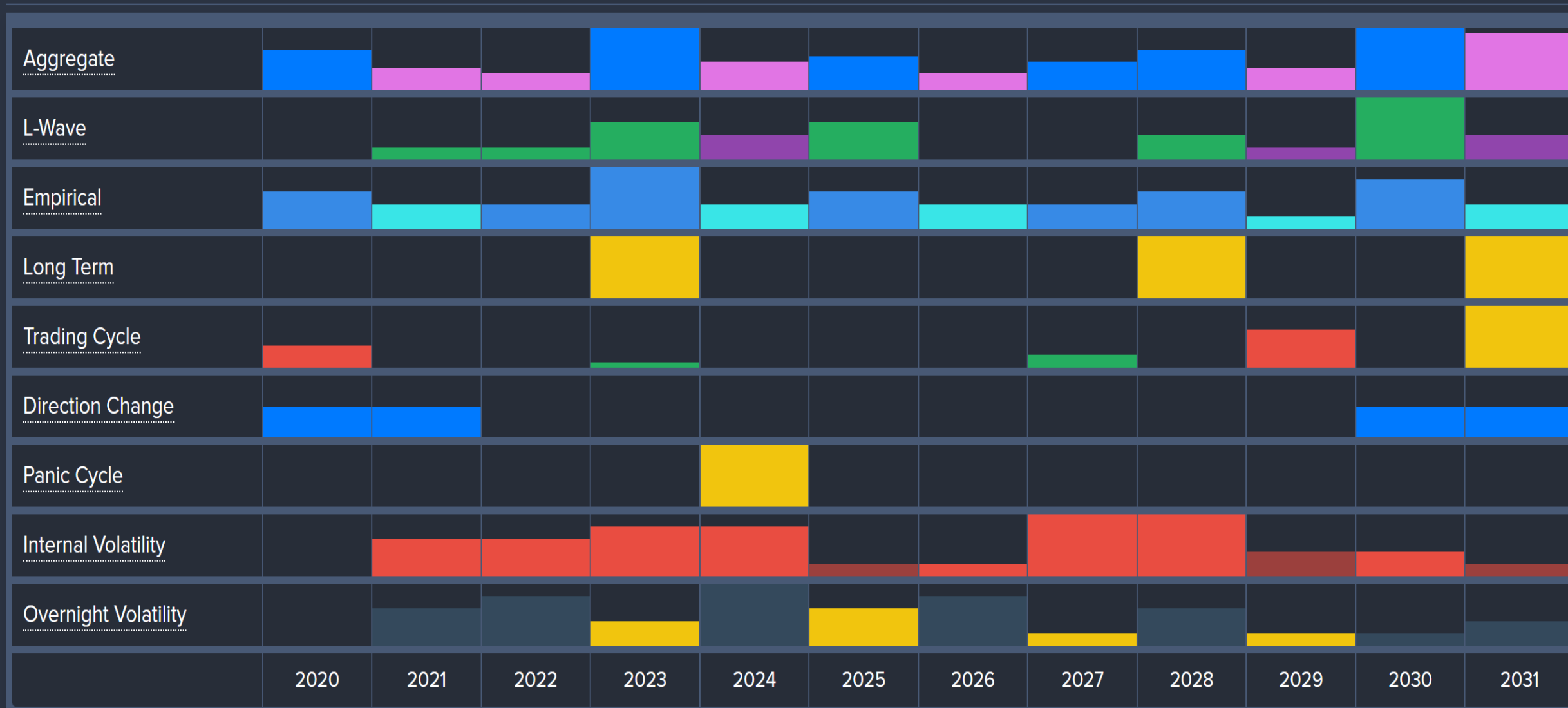
Expressed in US Dollar

Yearly



Yearly Timing Arrays

2022/23



NY Crude Oil Futures
Monthly Timing Arrays

Jan – Panic April



A still life composition featuring a dark grey plate of food, two cups of coffee, and various fruits and utensils on a dark, textured surface. The plate contains sliced hard-boiled eggs, almonds, figs, cheese, and cured meats. Two black cups filled with coffee are at the top. Several forks are on the right, and a bunch of grapes is on the left. The background is a dark, mottled grey.

FOOD SHORTAGE

-Cycle Prelude to War & Disease-

Food & Drinks

China is urging families to stock up on food as supply challenges multiply

By Laura He, Yong Xiong, CNN Business

CNN 1 day ago



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www.cnn.com

Food Crisis

The miracle of the Green Revolution was made possible by cheap fossil fuels to supply crops with artificial fertilizer, pesticides, and irrigation.

“Eating Oil” was the title of a book which was published in 1978 following the first oil crisis in 1973 (1). The aim of the book was to investigate the extent to which food supply in industrialised countries relied on fossil fuels. In the summer of 2000 the degree of dependence on oil in the UK food system was demonstrated once again when protestors blockaded oil refineries and fuel distribution depots. The fuel crises disrupted the distribution of food and industry leaders warned that their stores would be out of food within days. The lessons of 1973 have not been heeded.

Elm Farm Research Centre



Eating Oil

This paper, edited by Lawrence Woodward, is a summary version of the report “Eating Oil: Food Supply in a Changing Climate” produced by Sustain and Elm Farm Research Centre.

The original report was written by Dr Andy Jones.

Elm Farm Research Centre

is an international research, advisory and educational organisation based in the UK. The business of Elm Farm Research Centre is to develop and support sustainable land-use.

INTRODUCTION

“Eating Oil” was the title of a book published in 1978 following the first oil crisis in 1973⁽¹⁾. The aim was to investigate the extent to which food supply in industrialised countries relied on fossil fuels. In the summer of 2000 the degree of dependence on oil in the UK food system was demonstrated once again when protestors blockaded oil refineries and fuel distribution depots. The ‘fuel crisis’ disrupted the distribution of food and industry leaders warned that their stores would be out of food within days. The lessons of 1973 had not been heeded.

FERTILIZER SHORTAGE

Food Crisis



World ▾ Business ▾ Legal ▾ Markets ▾ Breakingviews ▾ Technology ▾ Investigations ▾ Sports ▾

November 4, 2021
2:36 PM EDT
Last Updated 3 days ago

Energy

Nitrogen fertilizer shortage threatens to cut global crop yields -CF Industries

2 minute read

By Rod Nickel



WAR ON GOLD

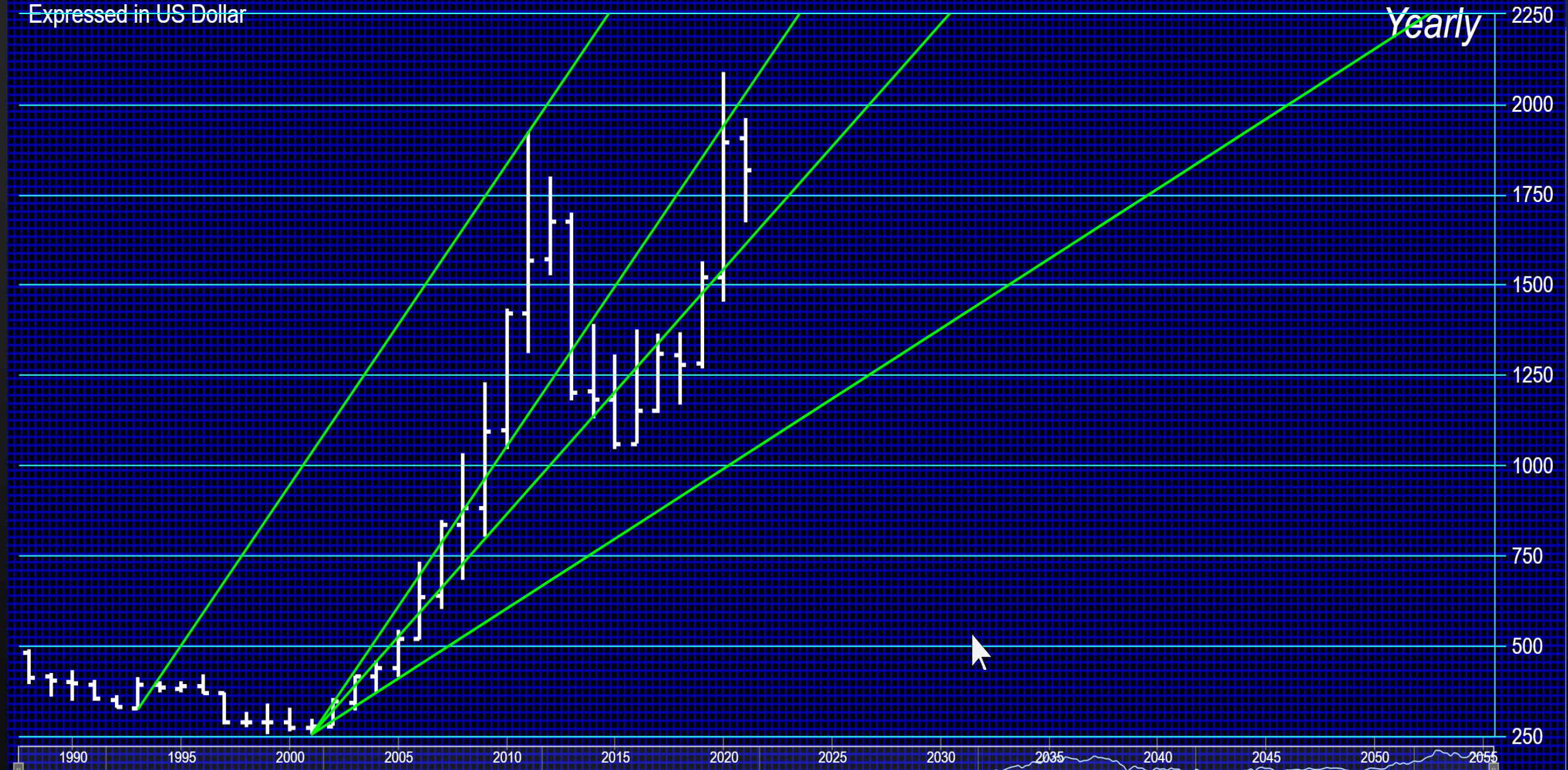


NY Gold Nearest Futures

CHART TOOLS

Expressed in US Dollar

Yearly



2022



NY Gold Nearest Futures

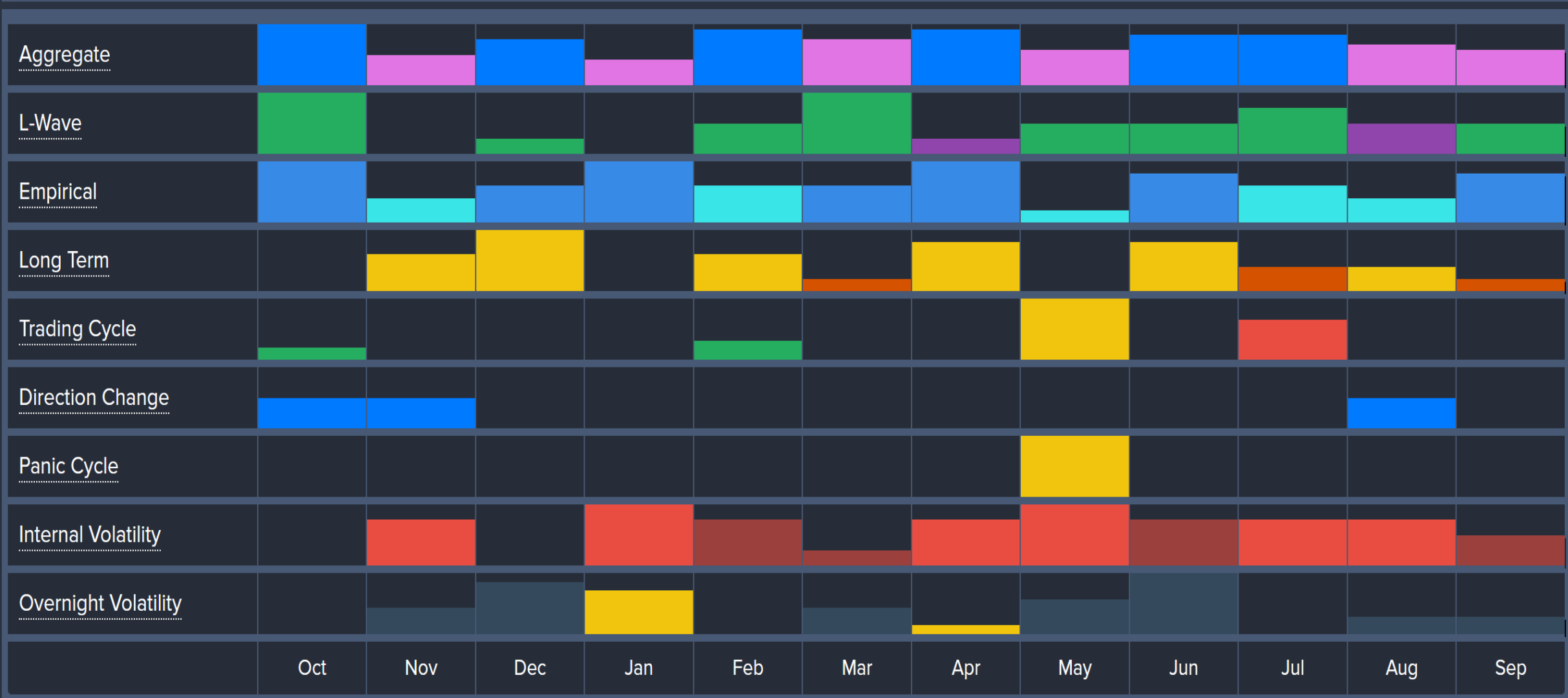
Expressed in US Dollar

Price Targets	
Tue Feb 01 2022	
Tech 1	1783.2000
Tech 2	1557.8000
Tech 3	1634.7000



NY Gold Nearest Futures

Monthly Timing Arrays



US - Dow / Gold Ratio

Expressed in US Dollar

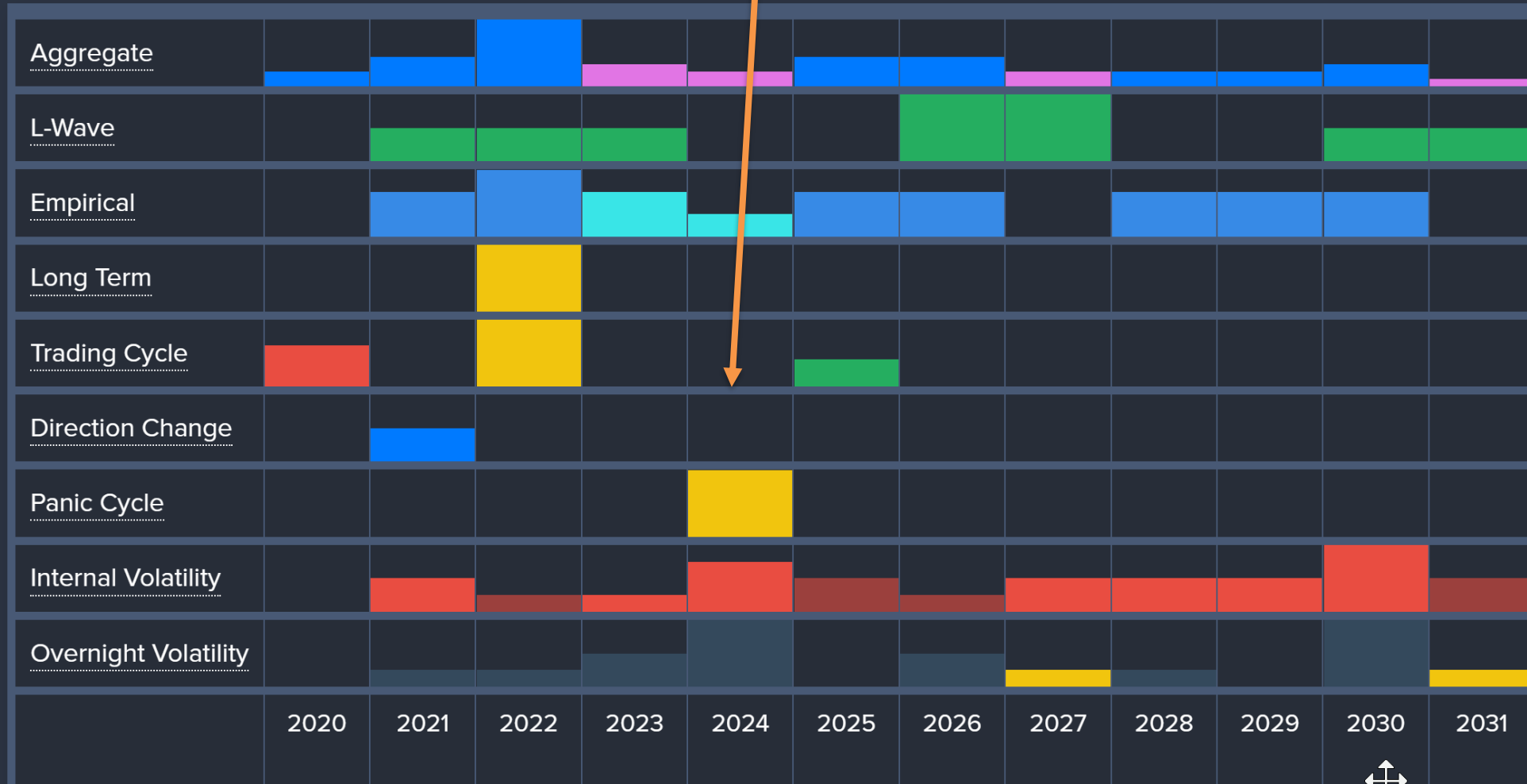
CHART TOOLS

Yearly



US - Dow / Gold Ratio

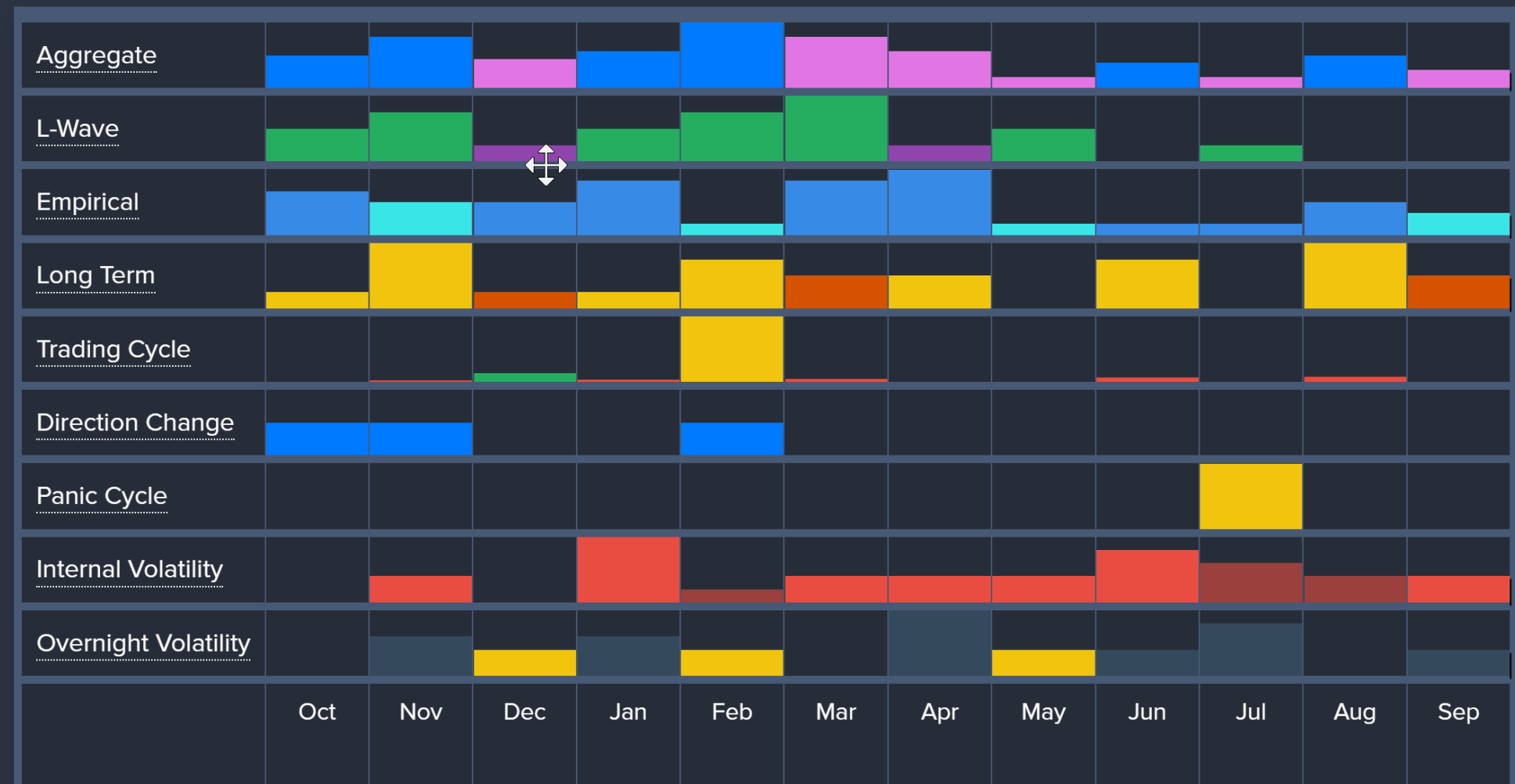
Yearly Timing Arrays



US - Dow / Gold Ratio

Monthly Timing Arrays

Feb

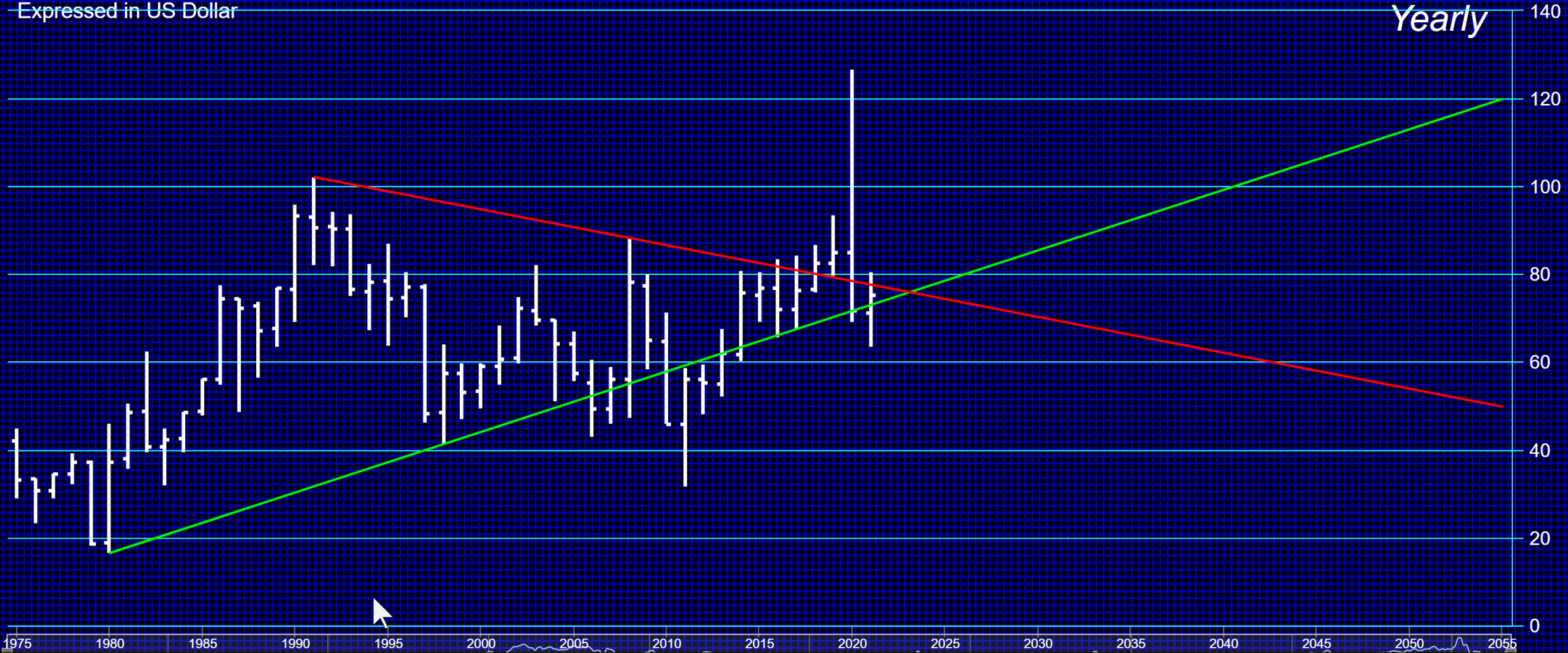


Gold / Silver Ratio

Expressed in US Dollar

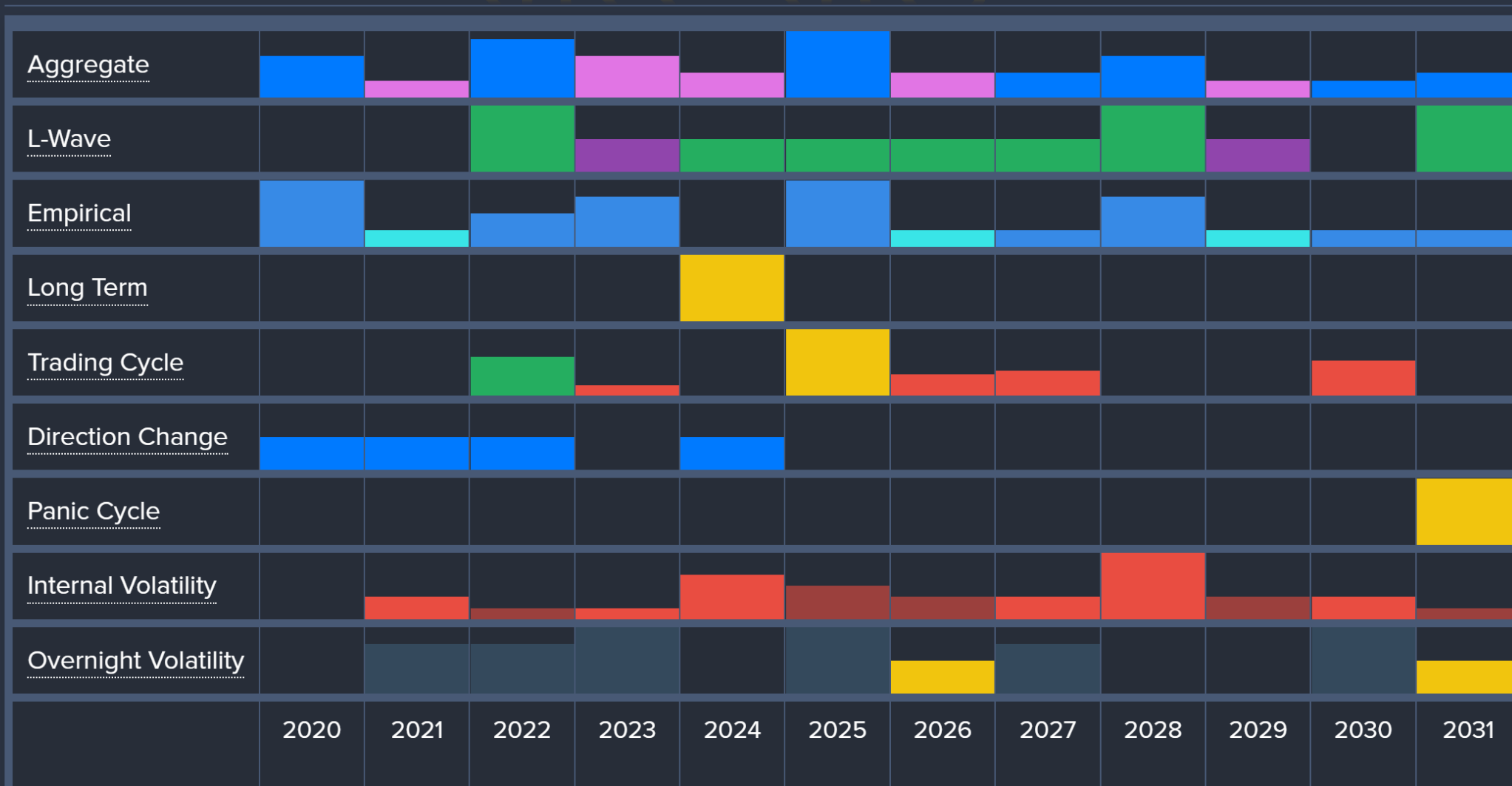
CHART TOOLS

Yearly



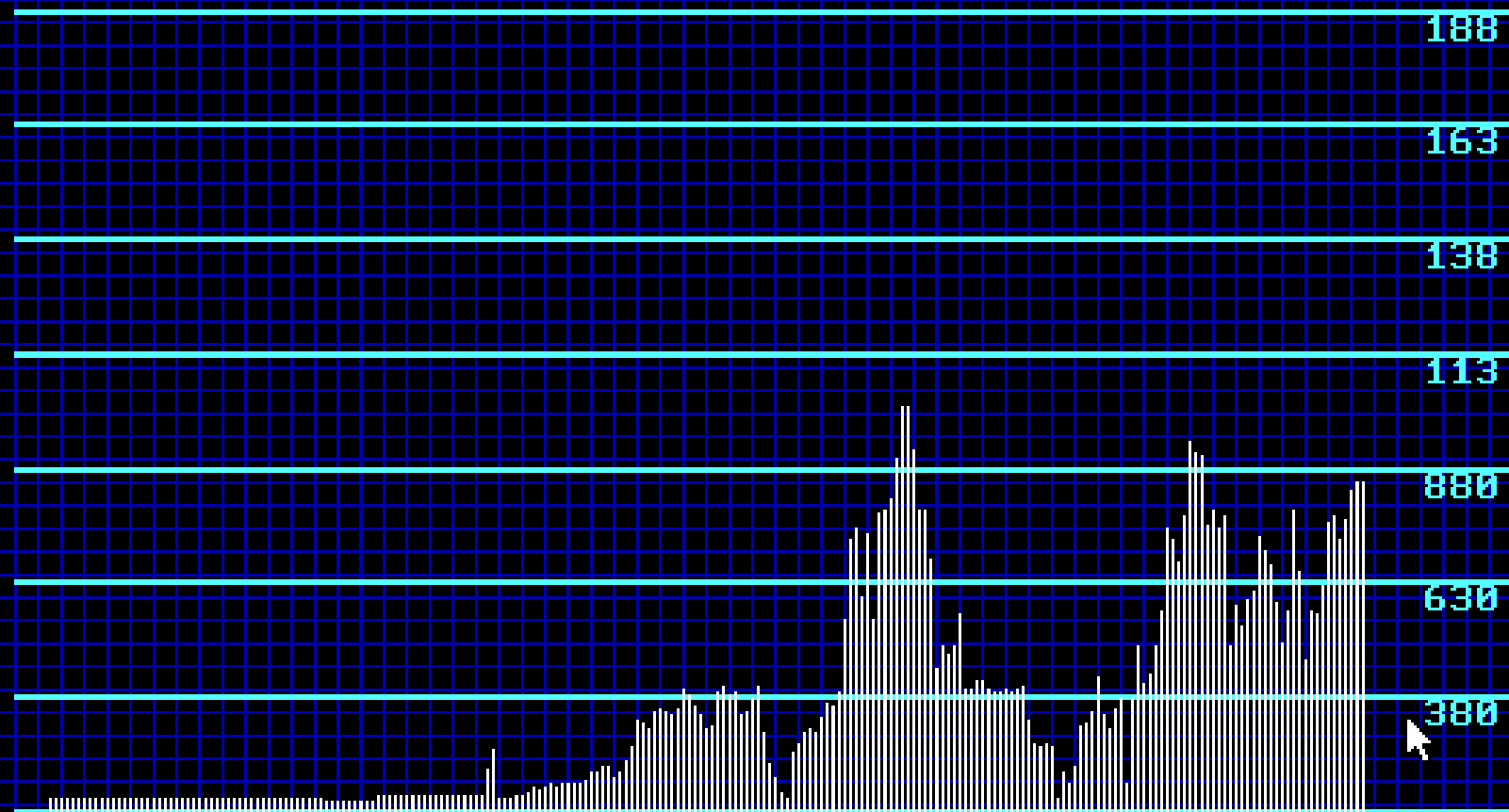
Yearly Timing Arrays

2022 2025



NY Spot Gold/Silver Ratio

Yearly



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Range 1232.80 . 0 Jan. 1, 1792 Jan. 1, 2021

92

42

92

42

92

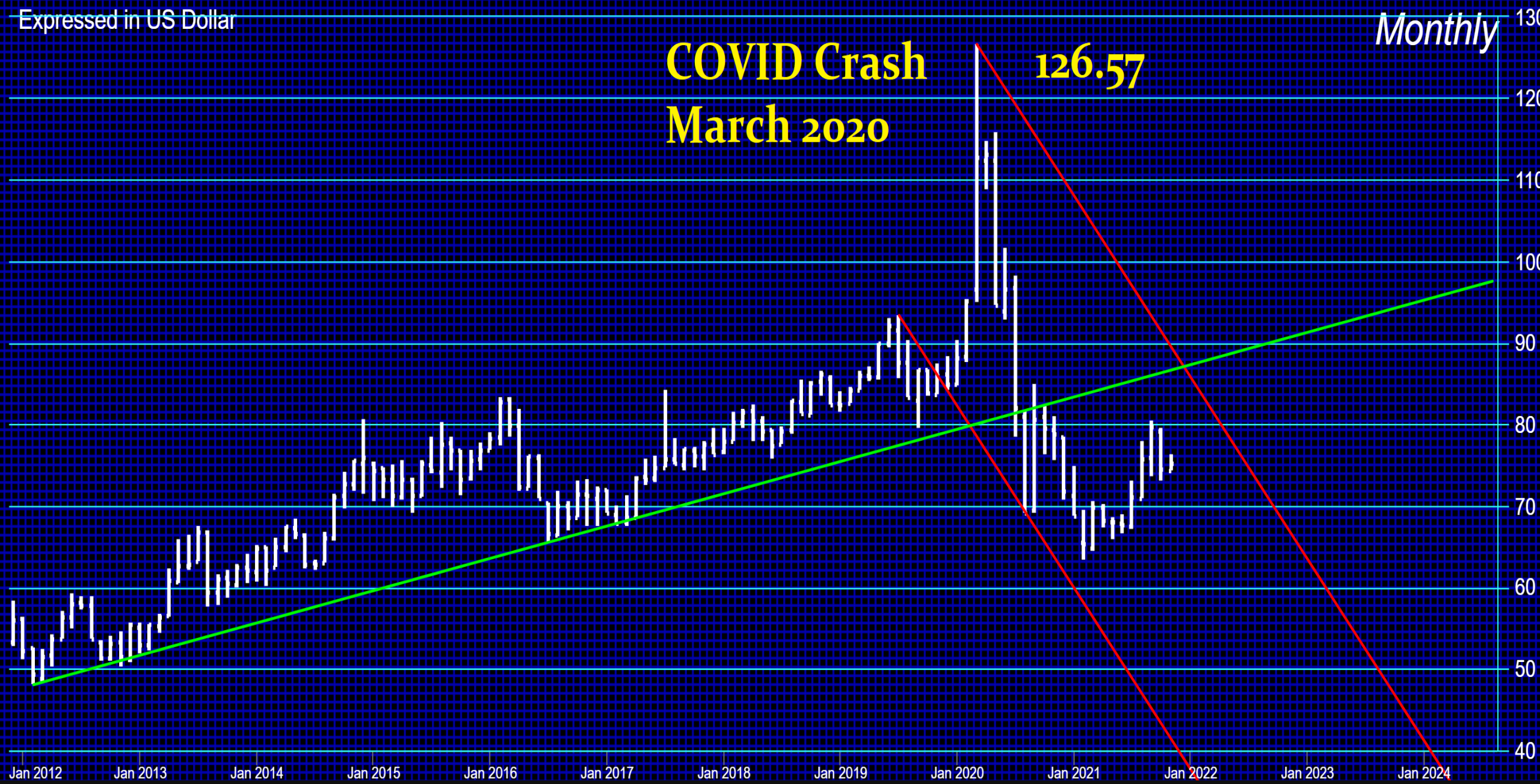
Gold / Silver Ratio

Expressed in US Dollar

Monthly

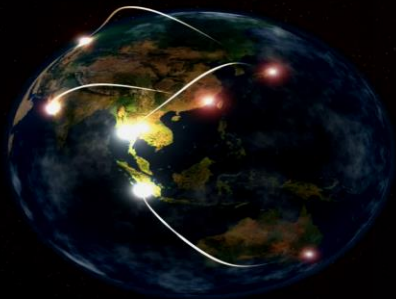
COVID Crash
March 2020

126.57



Monthly Timing Arrays





WAR ON GOLD

Platinum / Gold Ratio

Expressed in US Dollar

CHART TOOLS

Yearly



Yearly Timing Arrays

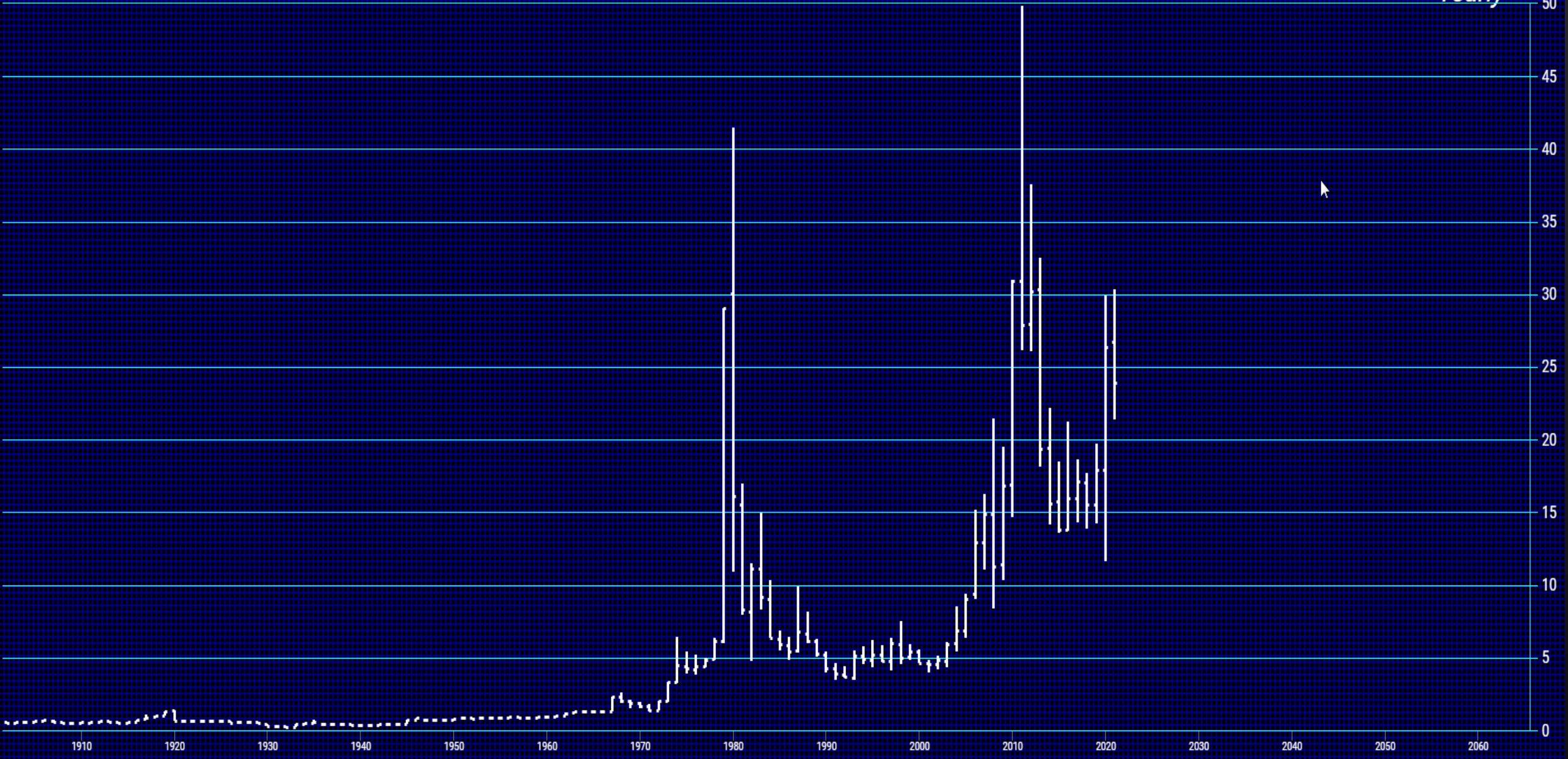
Aggregate												
L-Wave												
Empirical												
Long Term												
Trading Cycle												
Direction Change												
Panic Cycle												
Internal Volatility												
Overnight Volatility												
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030

NY Silver COMEX Futures

Expressed in US Dollar

CHART TOOLS

Yearly



NY Silver COMEX Futures

Yearly Timing Arrays



NY Silver COMEX Futures

Expressed in US Dollar

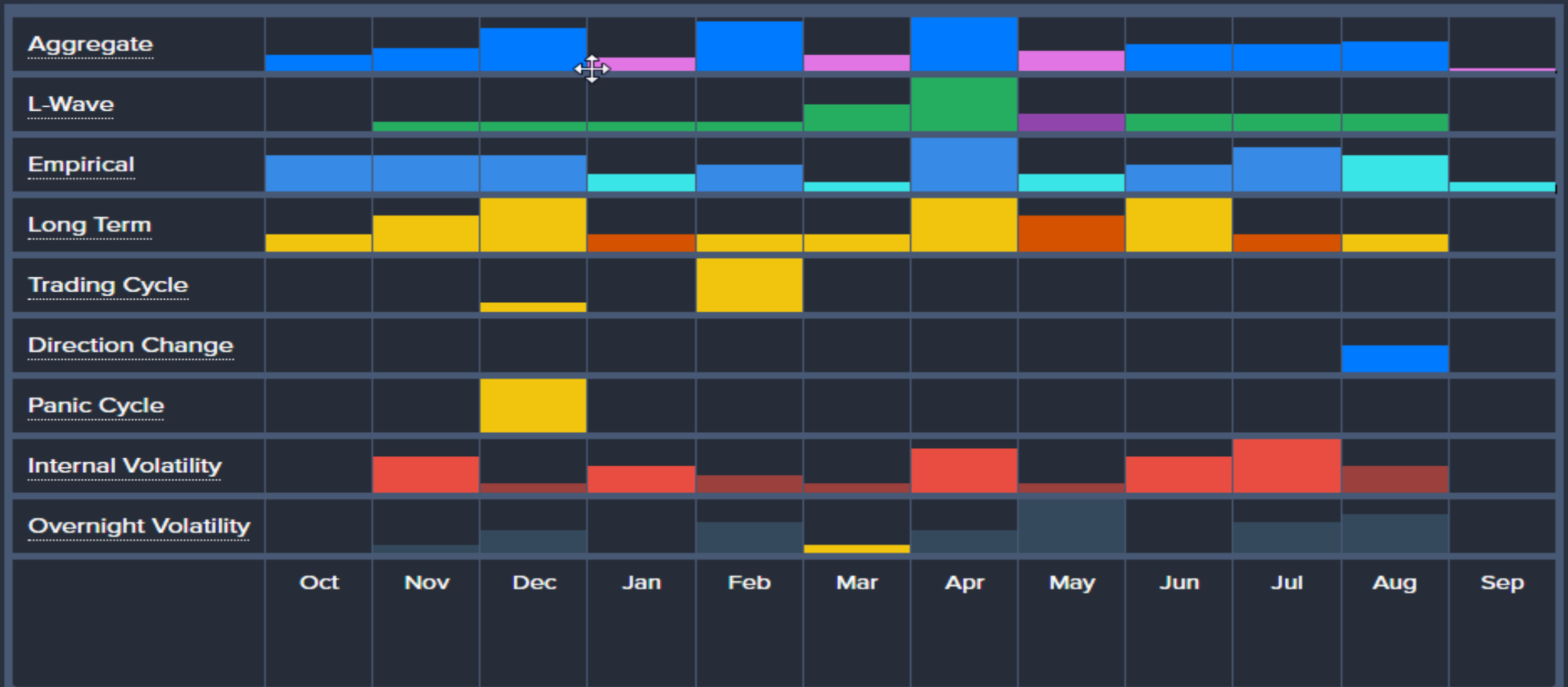
CHART TOOLS

Monthly



NY Silver COMEX Futures

Monthly Timing Arrays



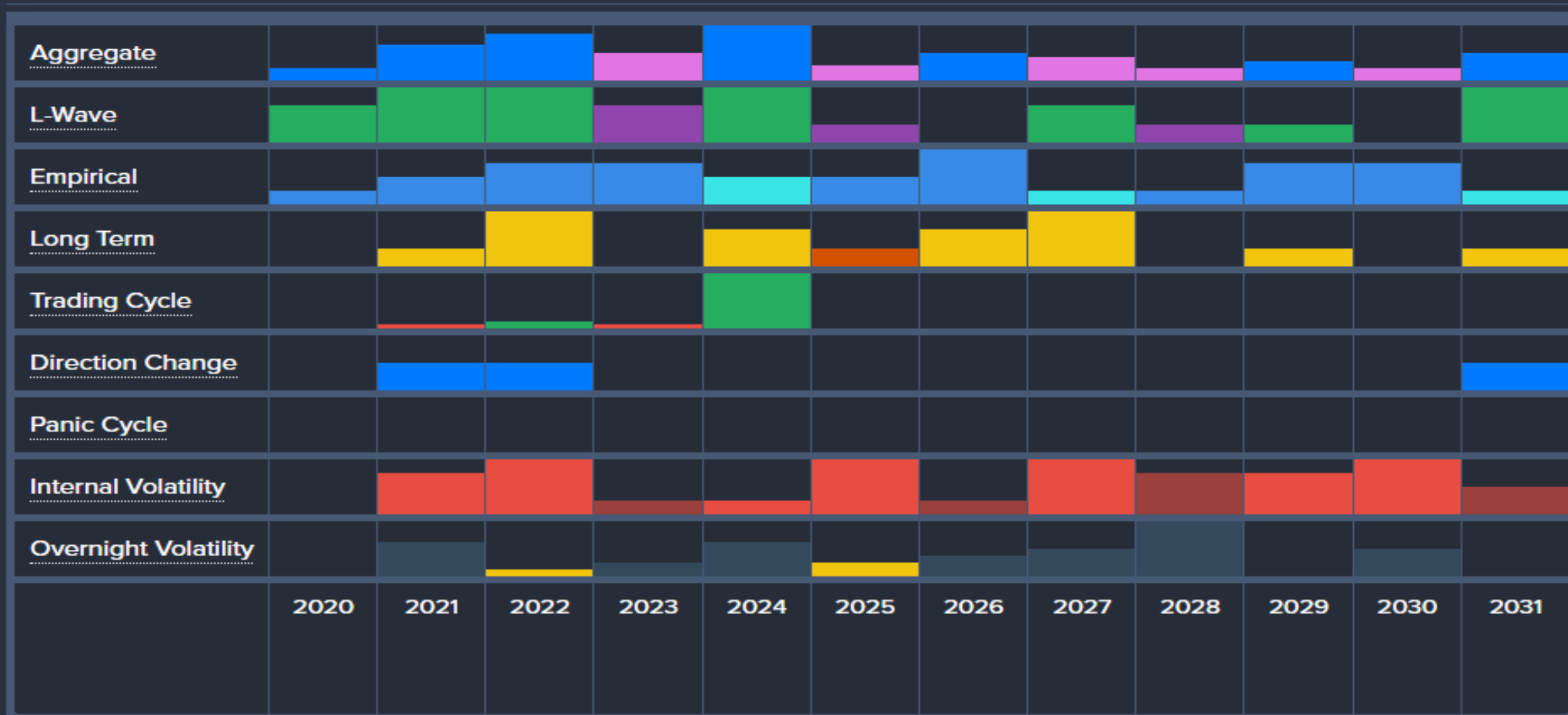
NY Copper Nearest Futures (HG)

Expressed in US Dollar

CHART TOOLS



Yearly Timing Arrays

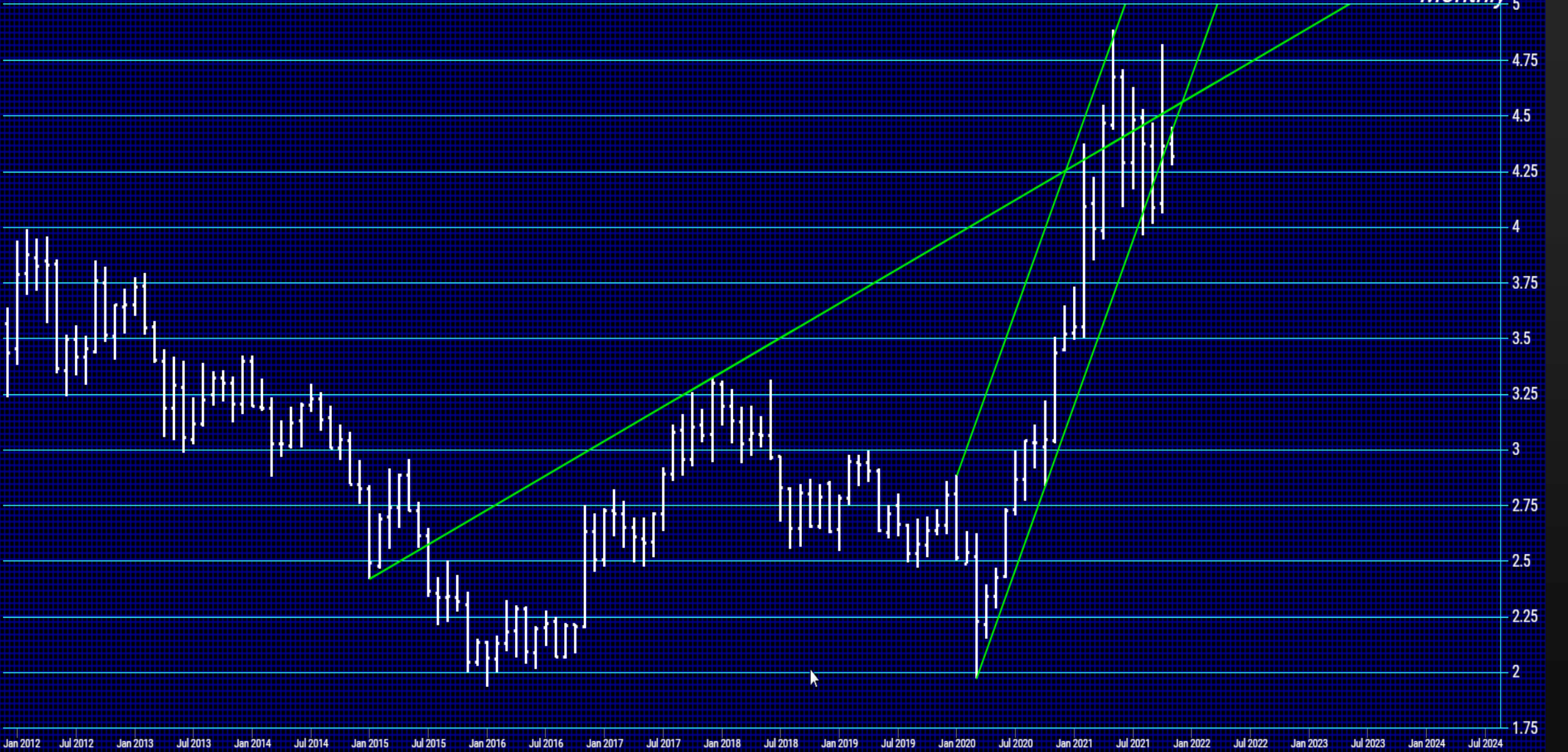


NY Copper Nearest Futures (HG)

Expressed in US Dollar

CHART TOOLS

Monthly



NY Copper Nearest Futures

Monthly Timing Arrays

Aggregate												
L-Wave												
Empirical												
Long Term												
Trading Cycle												
Direction Change												
Panic Cycle												
Internal Volatility												
Overnight Volatility												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep

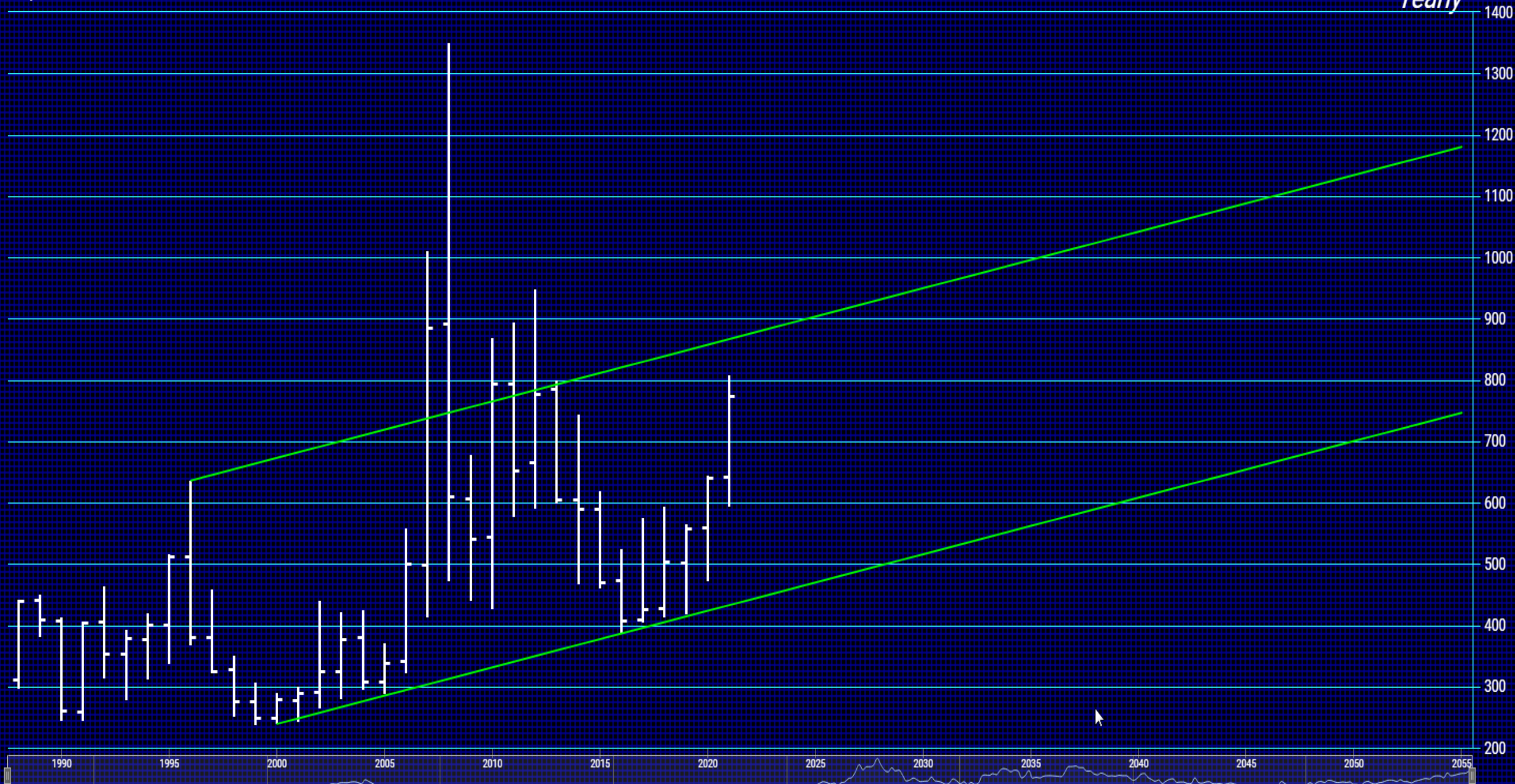
Agriculture



Wheat CBT Futures (W)

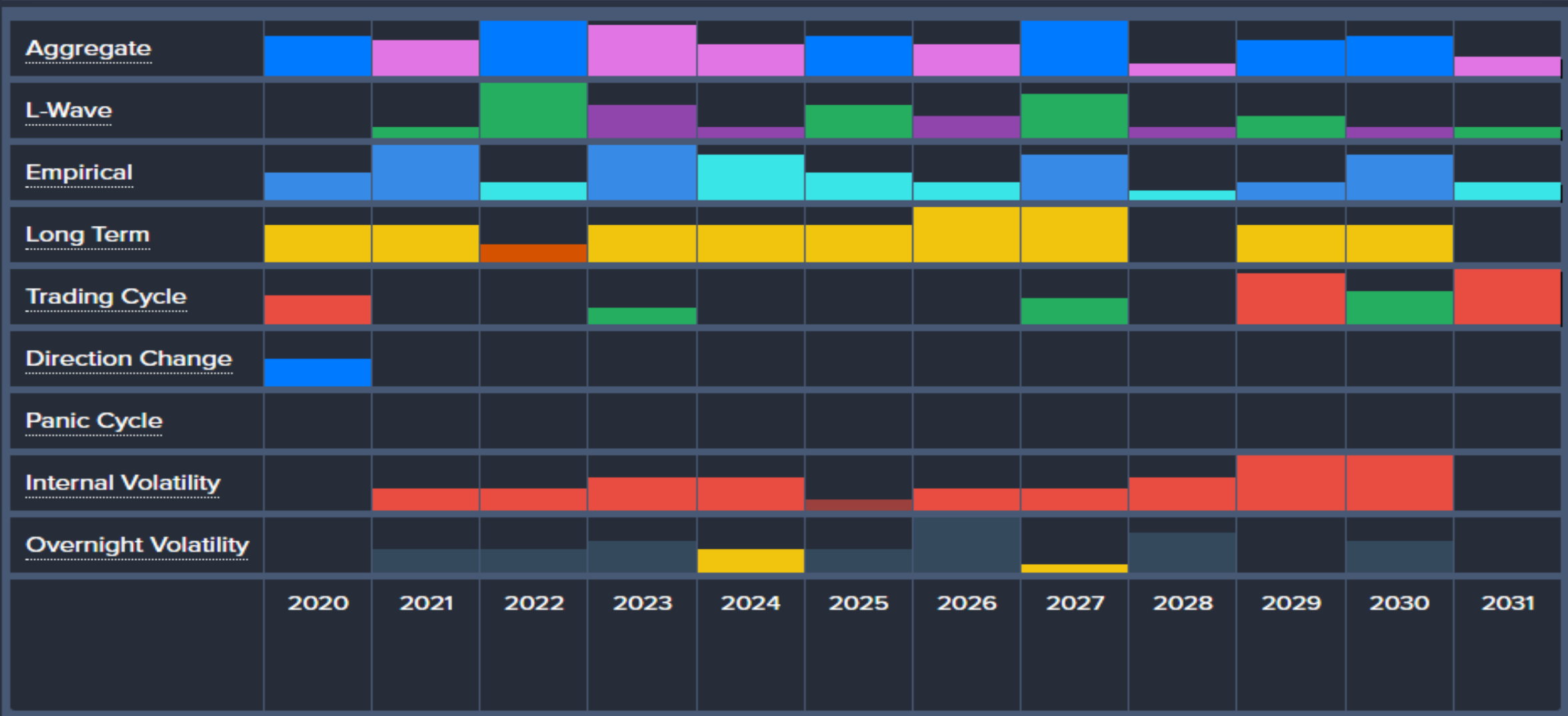
Expressed in US Dollar

Yearly



Wheat CBT Futures

Yearly Timing Arrays

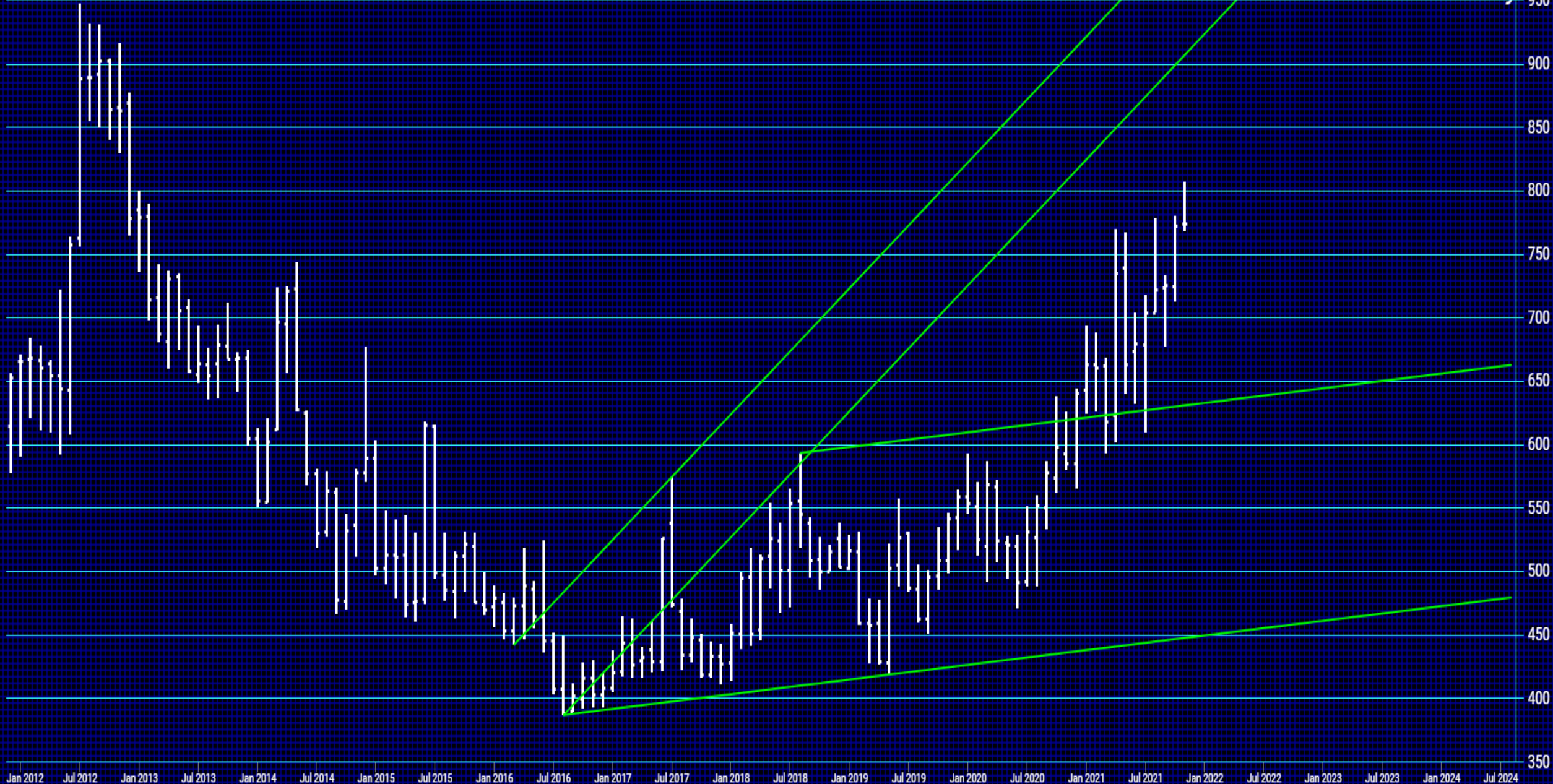


Wheat CBT Futures (W)

Expressed in US Dollar

CHART TOOLS

Monthly



Wheat CBT Futures

Monthly Timing Arrays

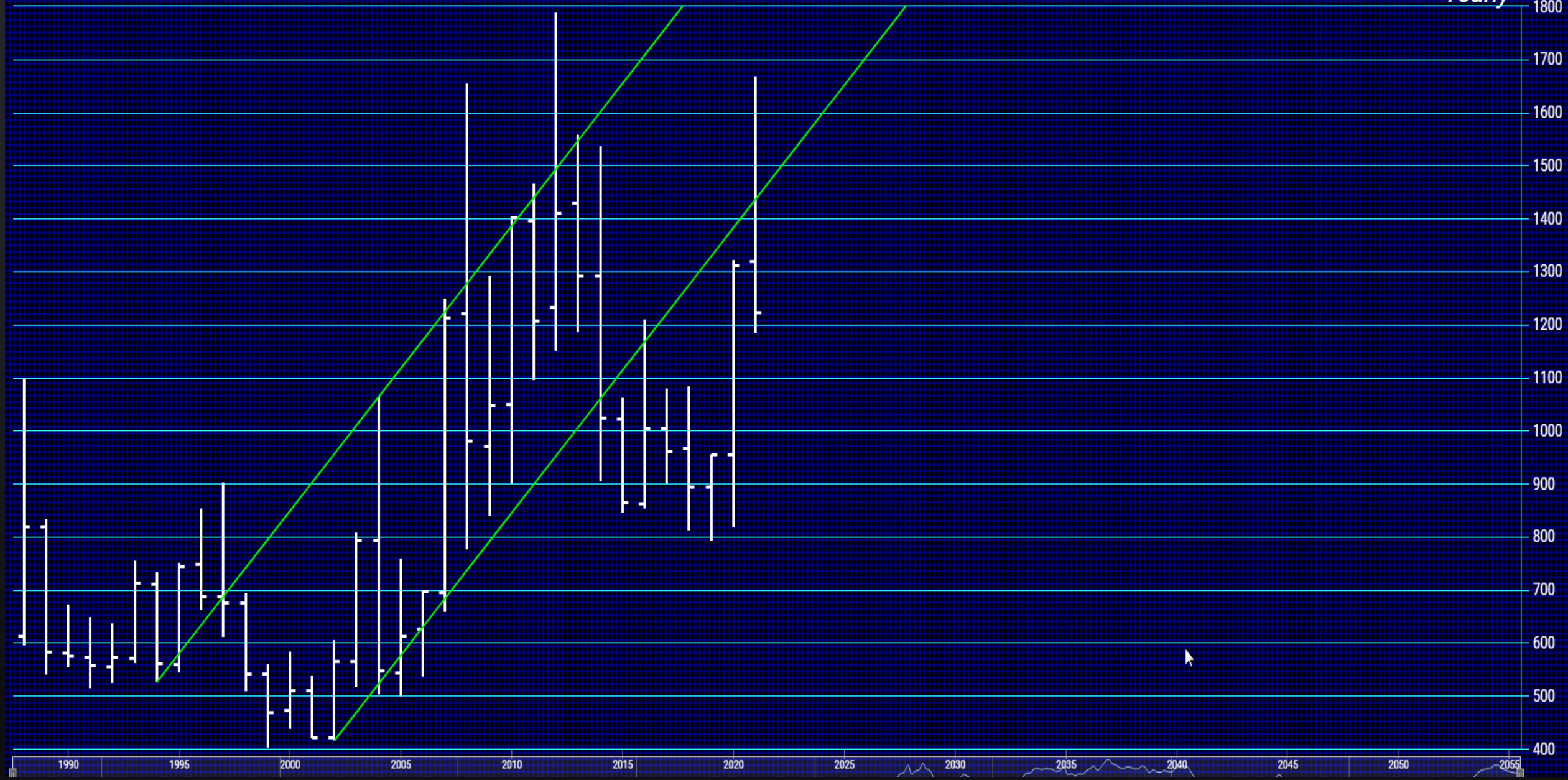
Apr Jun



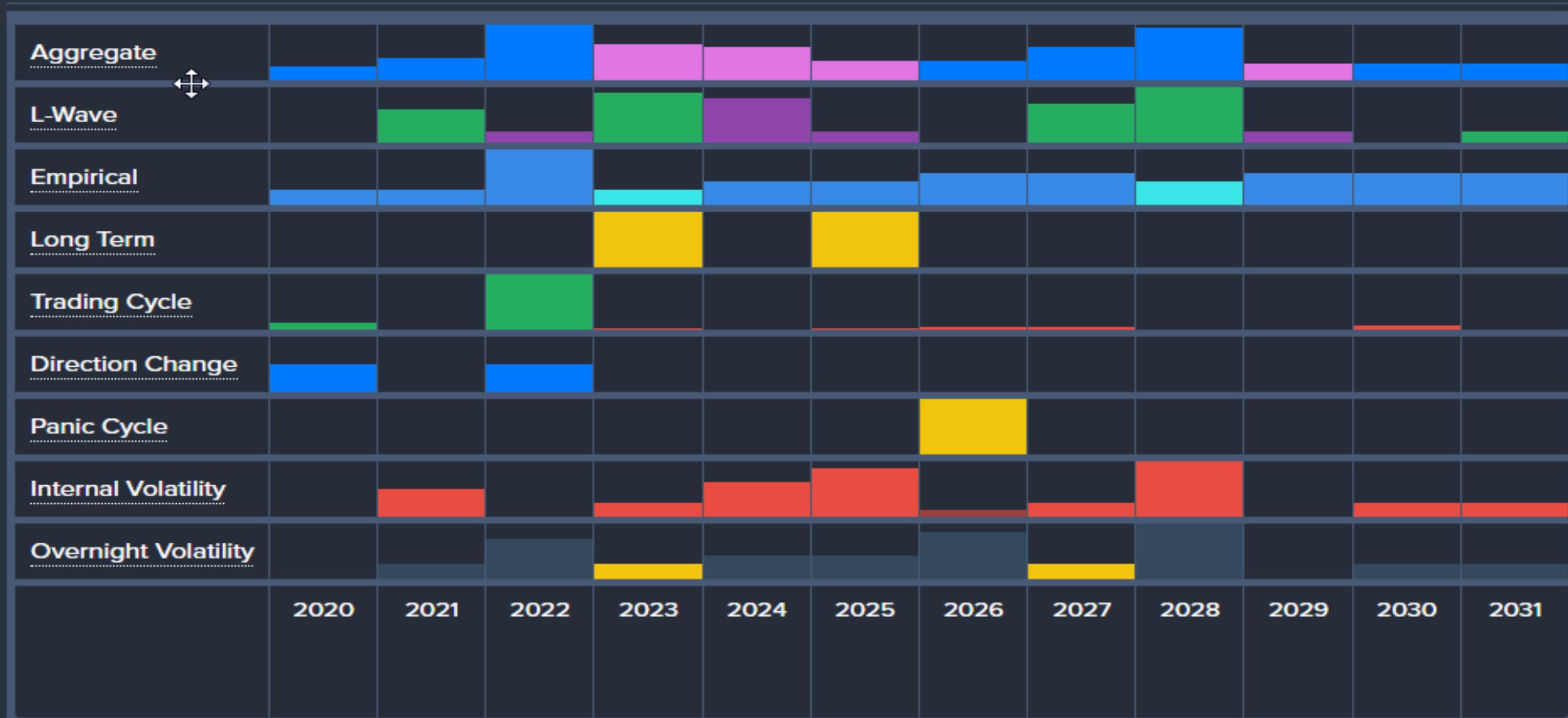
Soybeans CBT Futures (S)

Expressed in US Dollar

Yearly



Yearly Timing Arrays

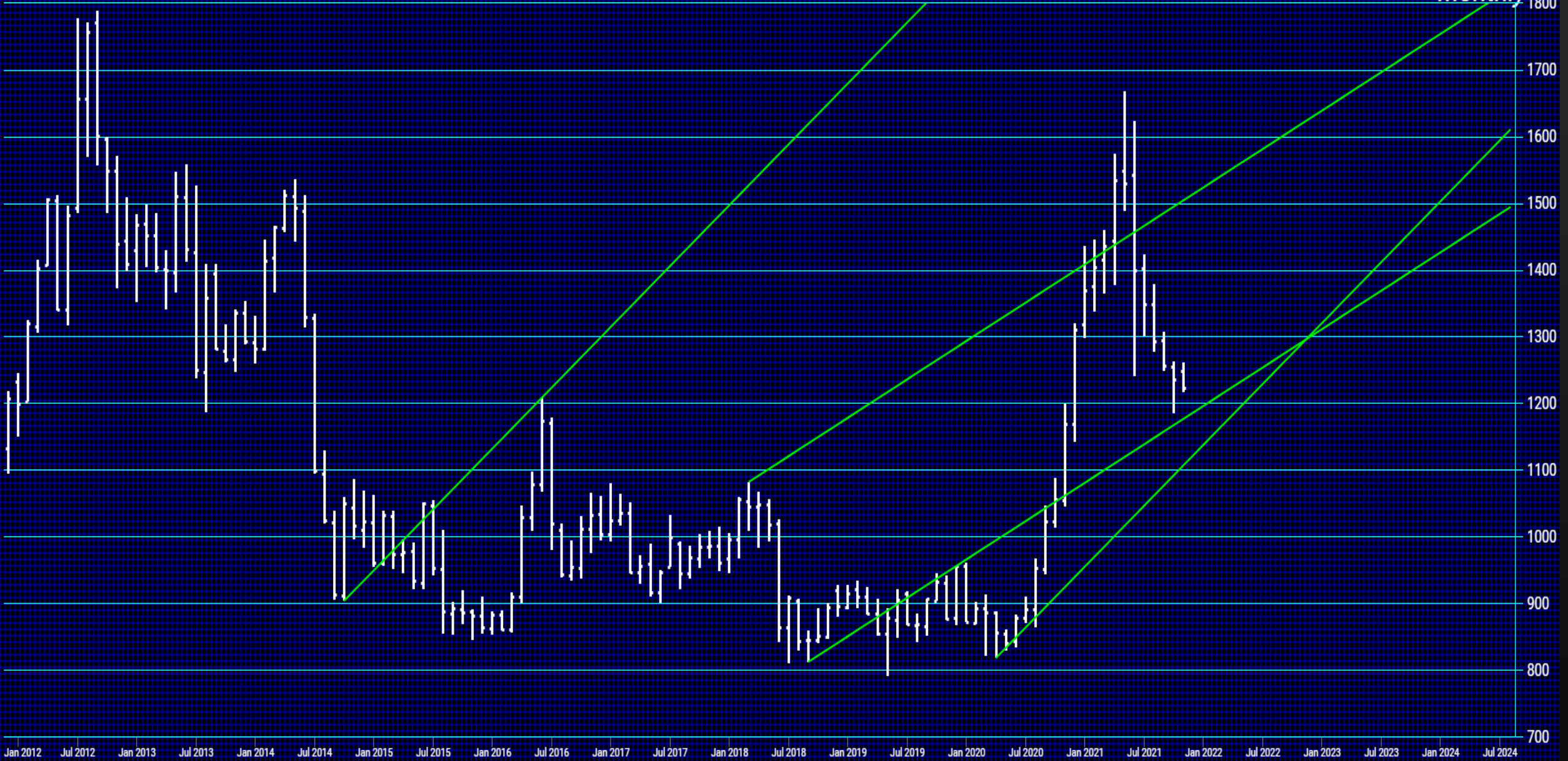


Soybeans CBT Futures (S)

Expressed in US Dollar

CHART TOOLS

Monthly



Soybeans CBT Futures

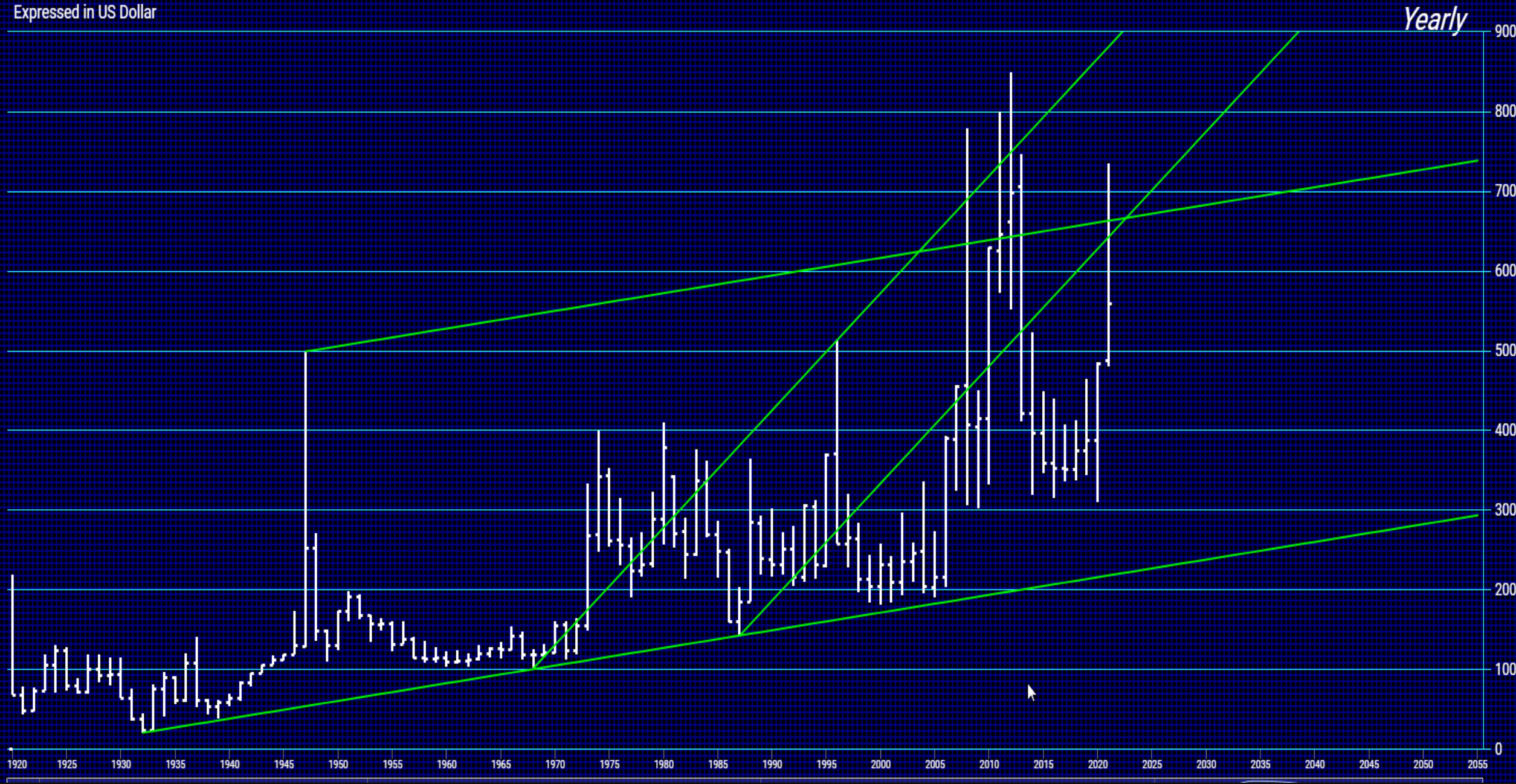
Monthly Timing Arrays

Aggregate												
L-Wave												
Empirical												
Long Term												
Trading Cycle												
Direction Change												
Panic Cycle												
Internal Volatility												
Overnight Volatility												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep

Corn (CBOT) (C)

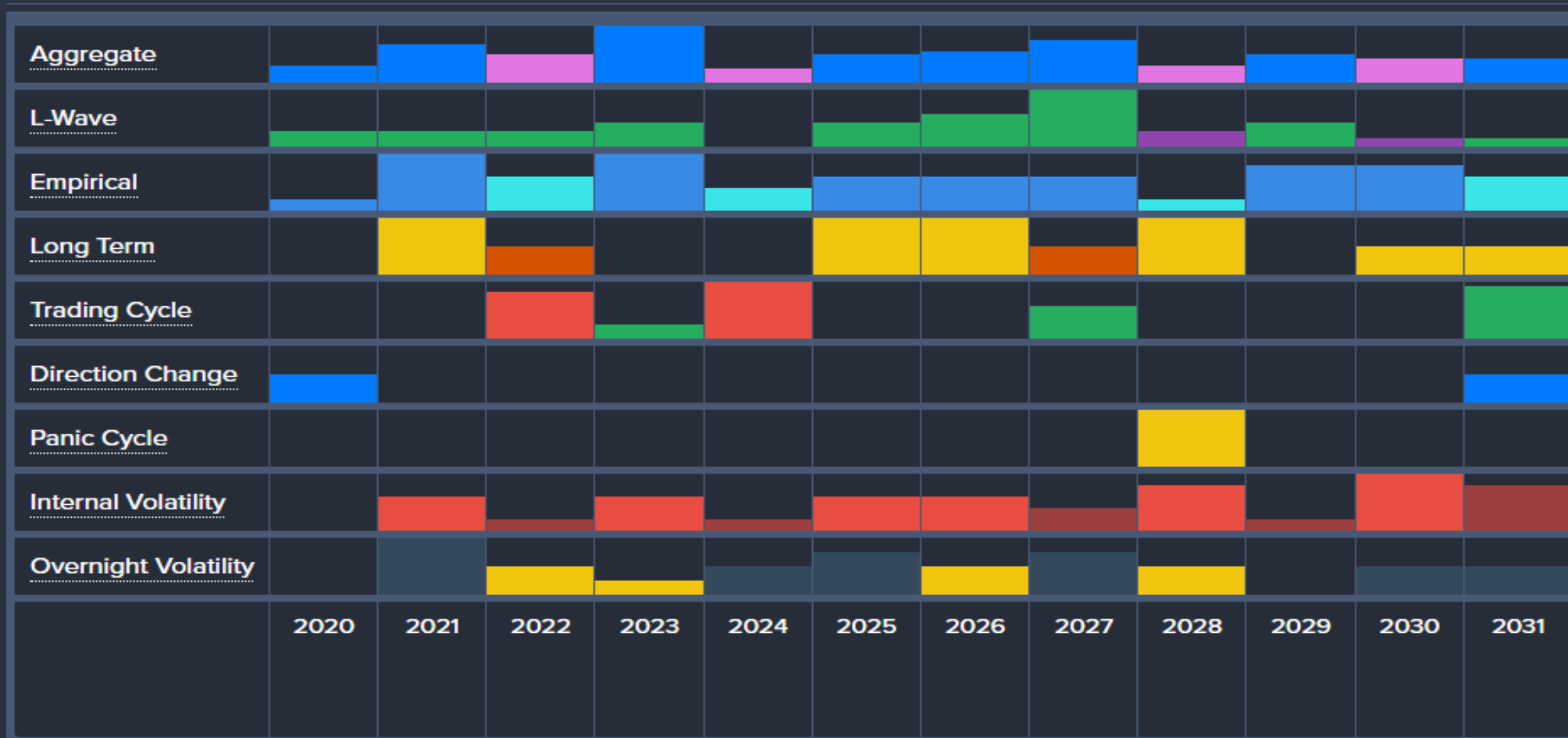
Expressed in US Dollar

CHART TOOLS



Corn (CBOT)

Yearly Timing Arrays



Corn (CBOT) (C)

Expressed in US Dollar

CHART TOOLS

Monthly

750
700
650
600
550
500
450
400
350
300

J. May 2018 Sep 2018 Jan 2019 May 2019 Sep 2019 Jan 2020 May 2020 Sep 2020 Jan 2021 May 2021 Sep 2021 Jan 2022 May 2022 Sep 2022 Jan 2023 May 2023 Sep 2023 Jan 2024 May 2024



Corn (CBOT)

Monthly Timing Arrays

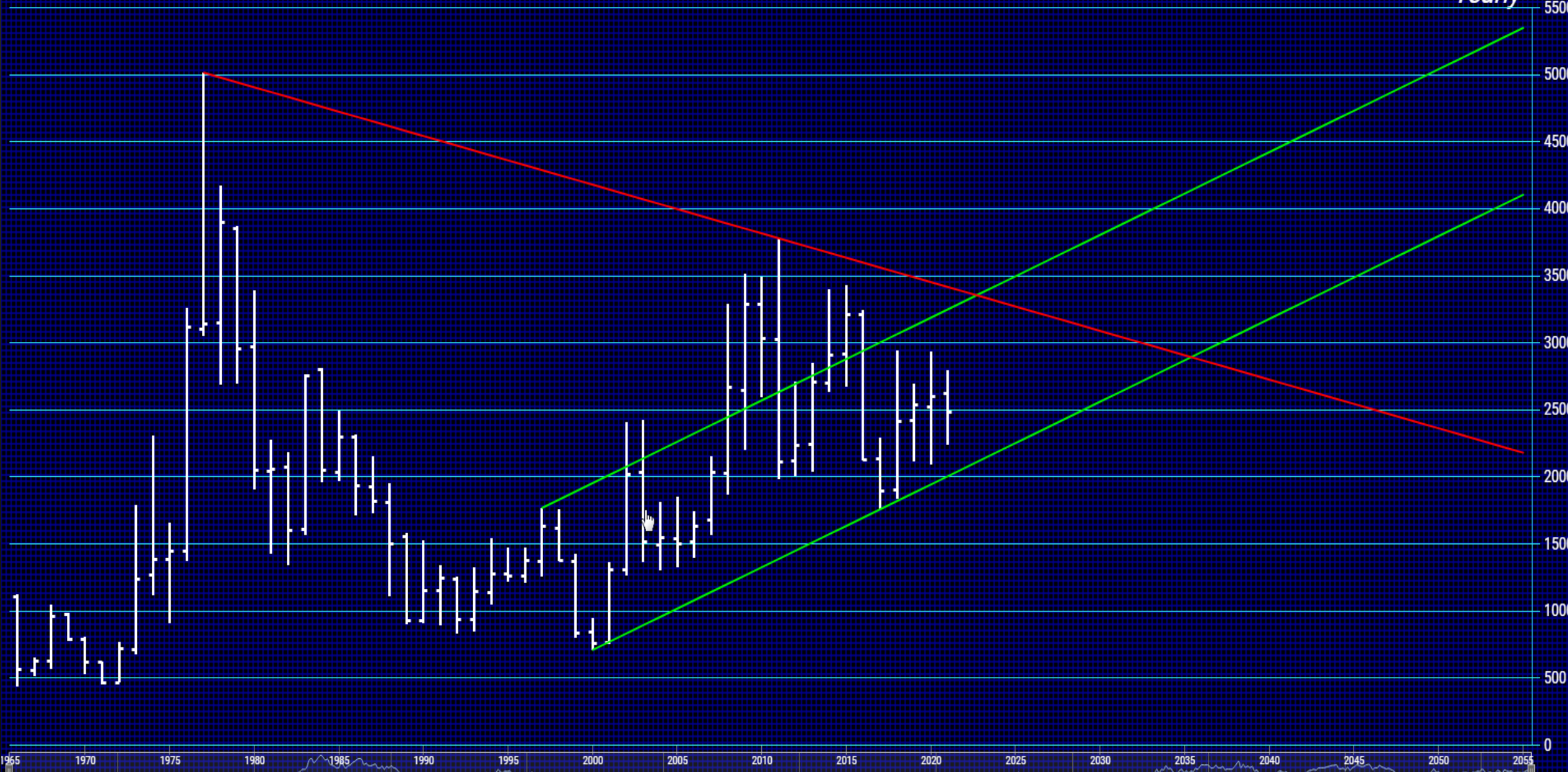


Cocoa (NYCSCE) (CC)

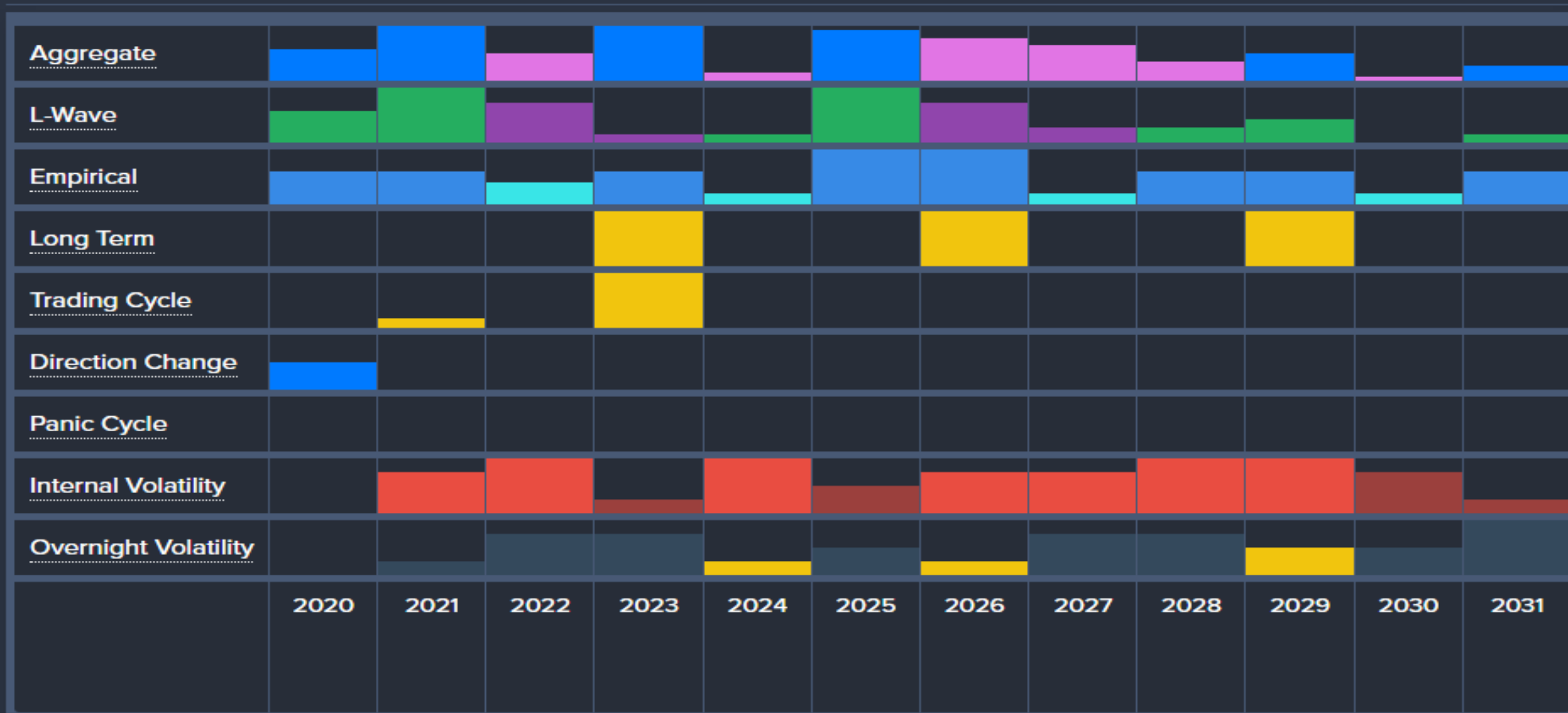
Expressed in US Dollar

CHART TOOLS

Yearly



Yearly Timing Arrays

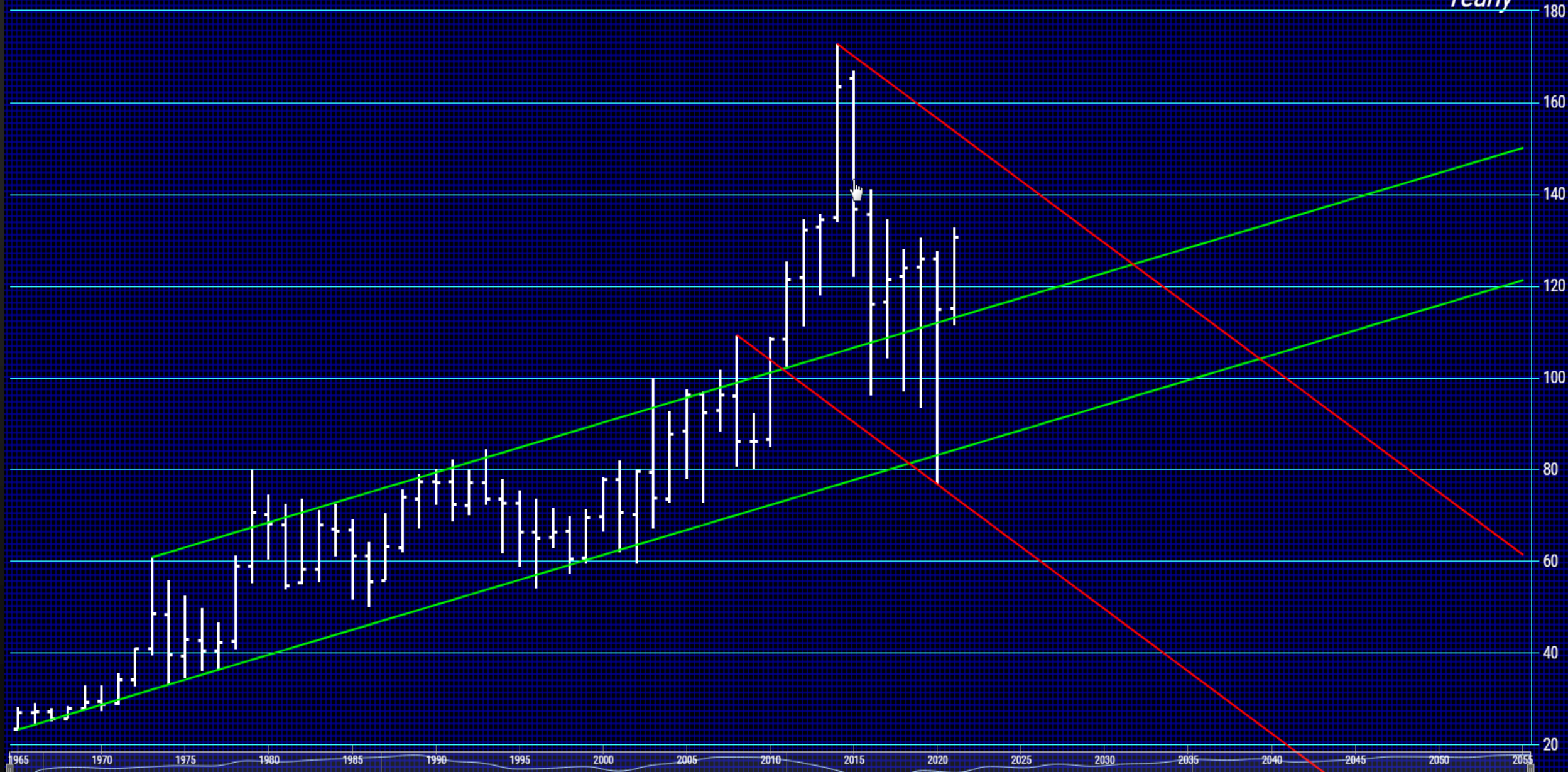


Live Cattle Futures (CME) (LC)

Expressed in US Dollar

CHART TOOLS

Yearly



Live Cattle Futures (CME)

Yearly Timing Arrays

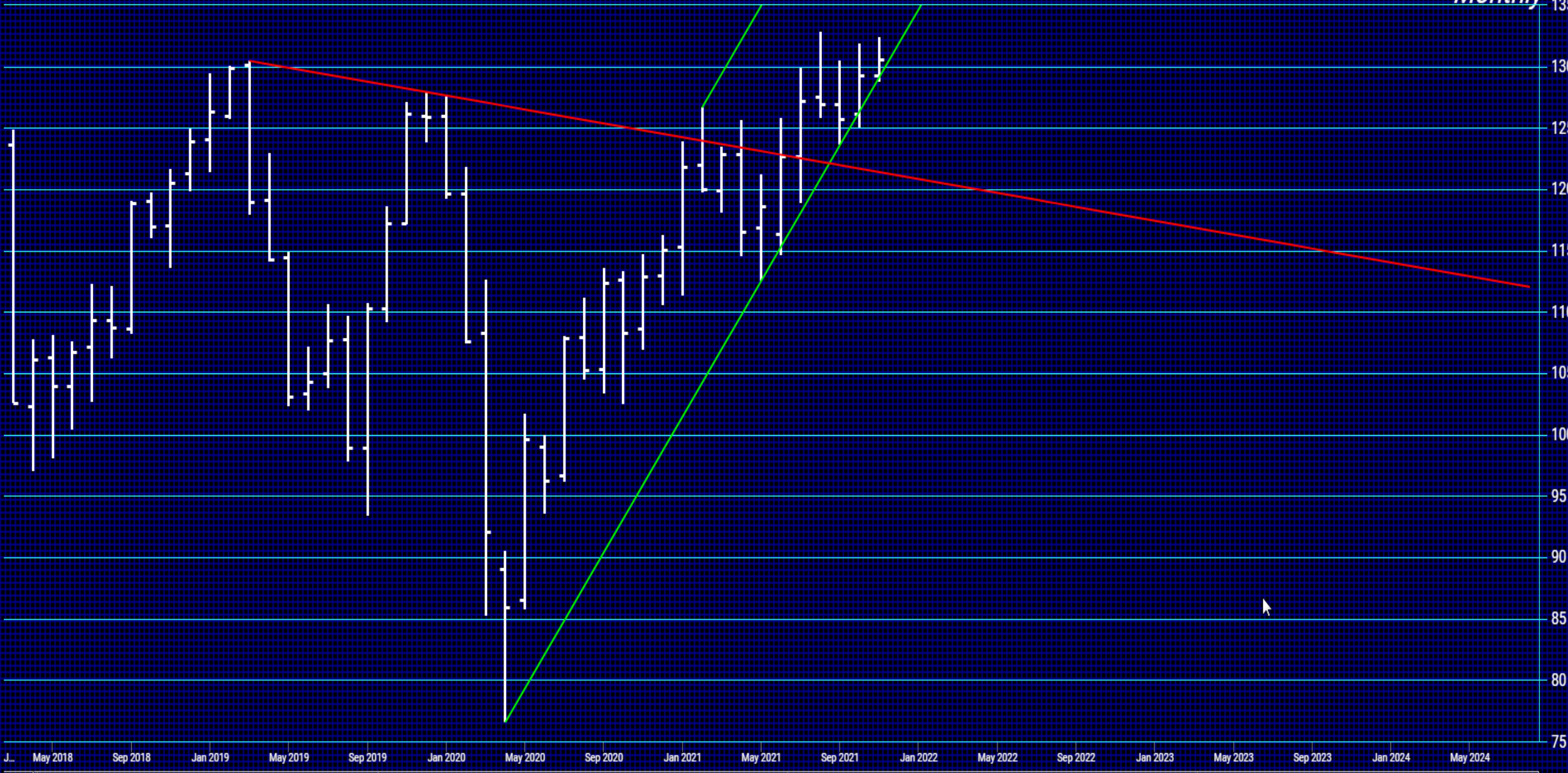


Live Cattle Futures (CME) (LC)

Expressed in US Dollar

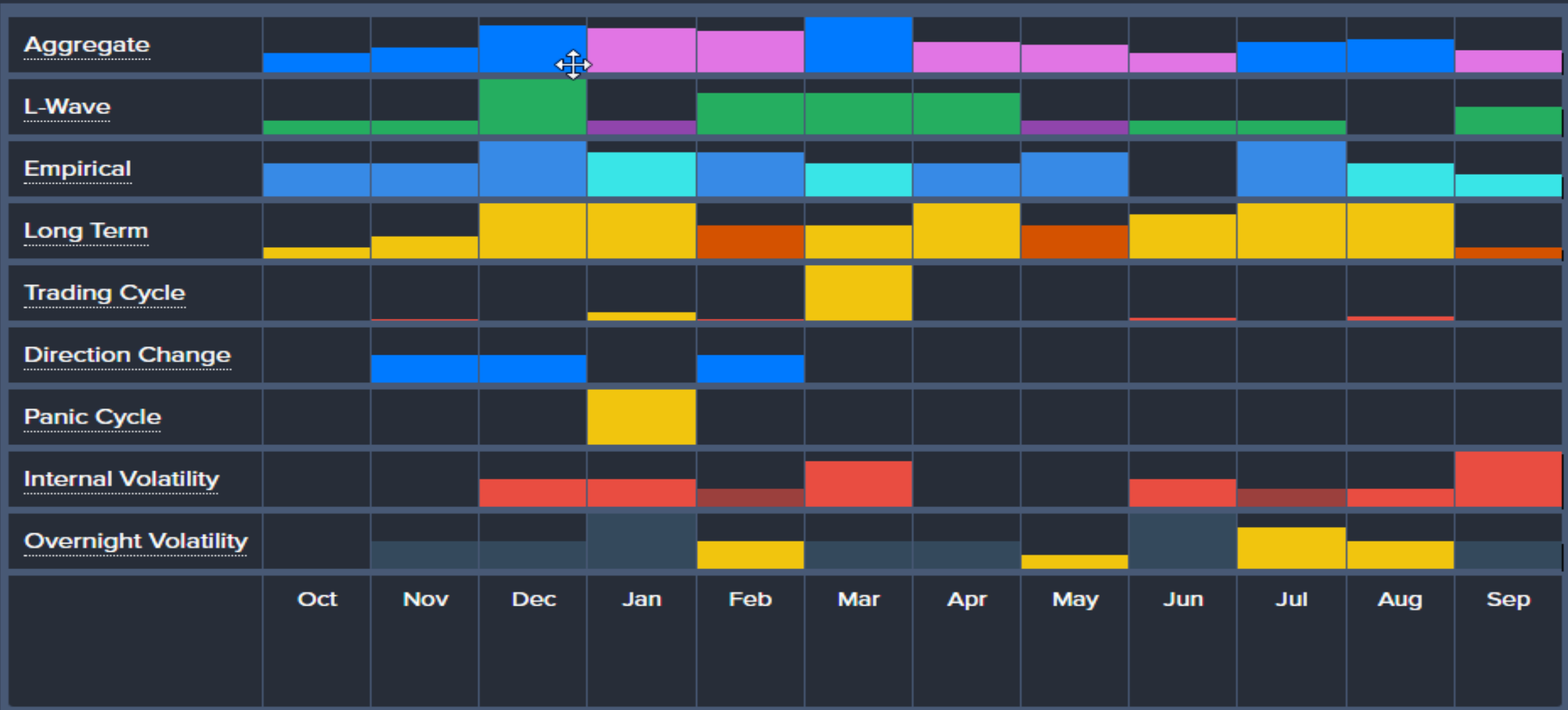
CHART TOOLS

Monthly



Live Cattle Futures (CME)

Monthly Timing Arrays



Scandinavia Markets



Bucking the COVID Trend

*By Martin Armstrong
October 2021*

Denmark - OMX Copenhagen Index (^KFX)

Expressed in Denmark Krone

CHART TOOLS

Yearly



Denmark - OMX Copenhagen Index

Yearly Timing Arrays



Denmark - OMX Copenhagen Index

Monthly Timing Arrays

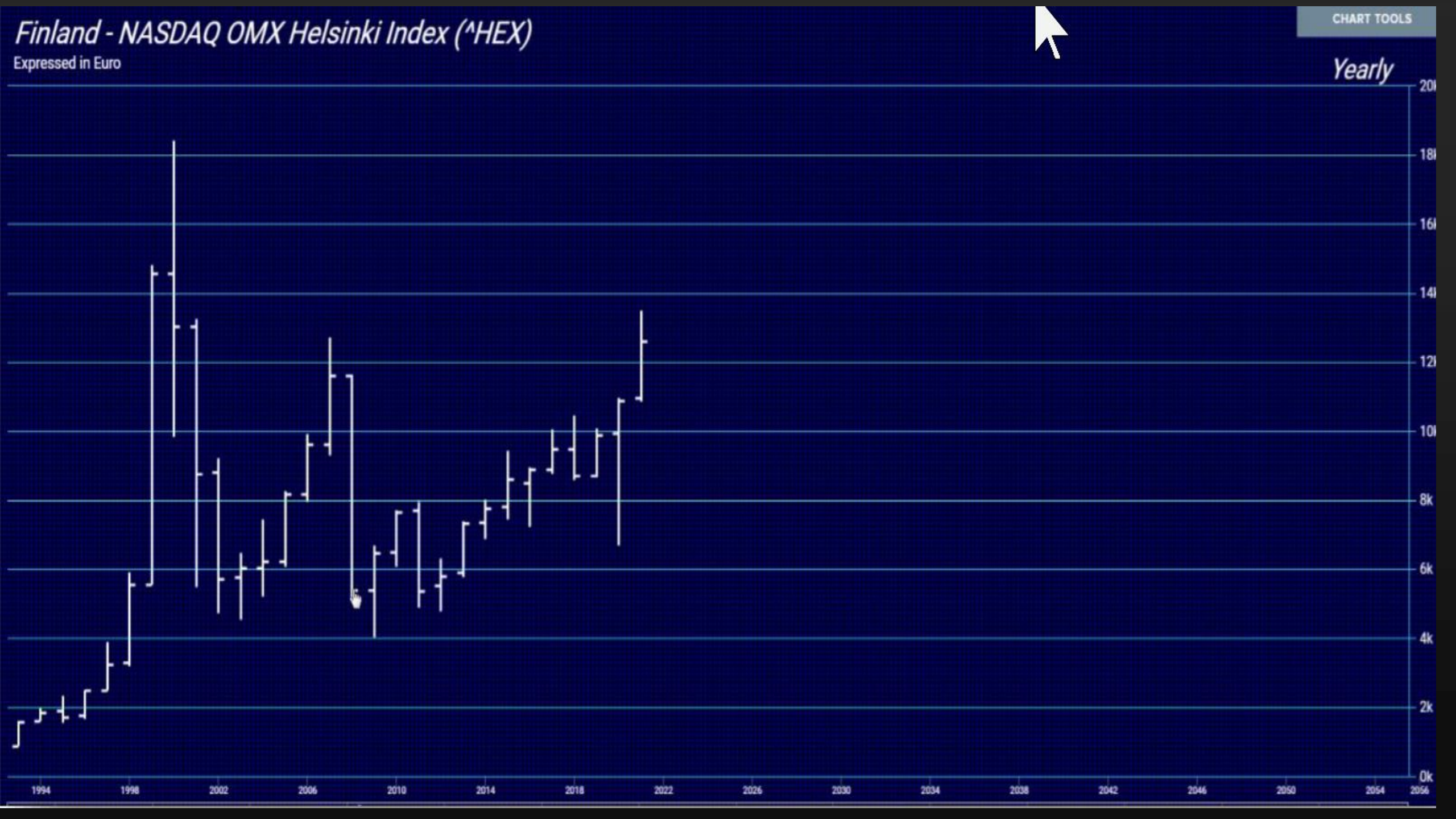


Finland - NASDAQ OMX Helsinki Index (^HEX)

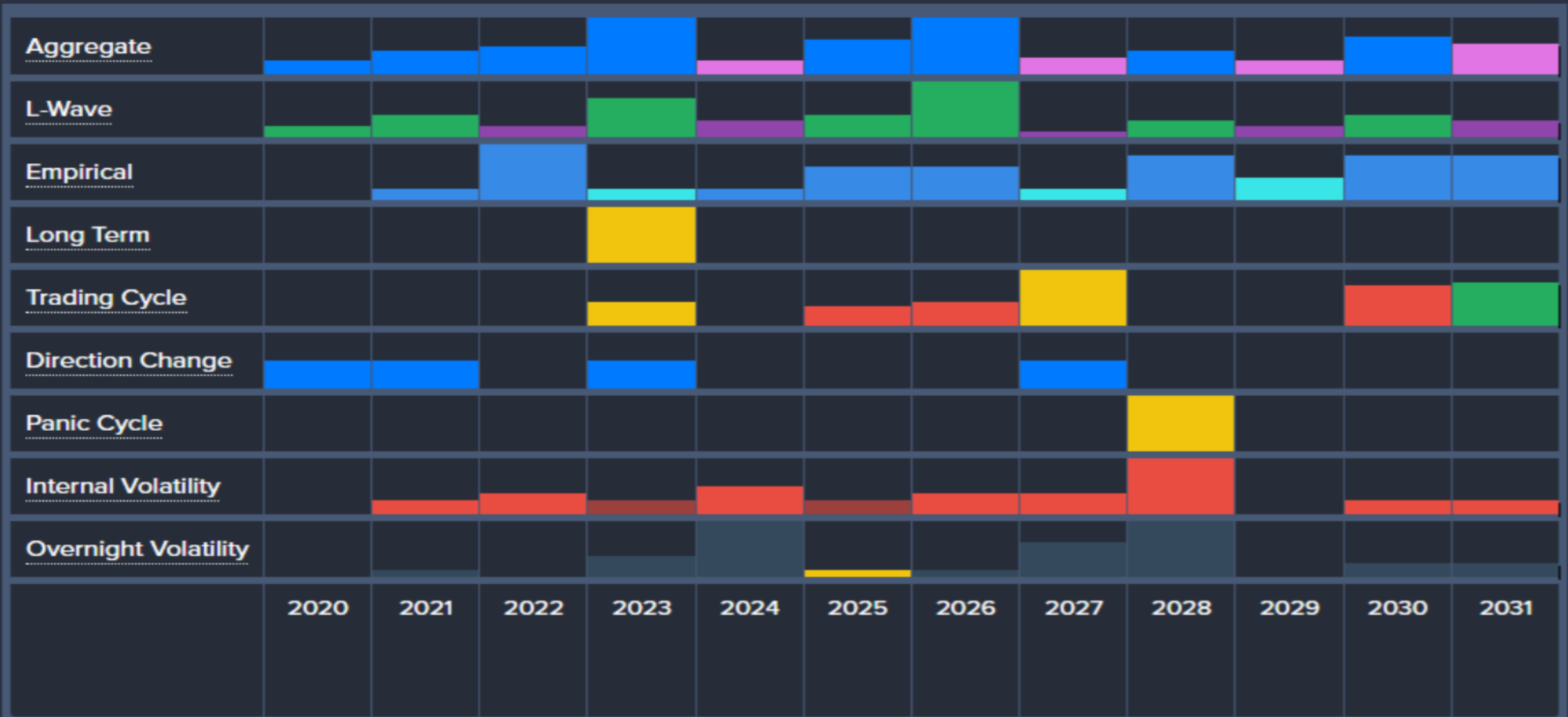
Expressed in Euro

CHART TOOLS

Yearly



Yearly Timing Arrays



Finland - NASDAQ OMX Helsinki Index

Monthly Timing Arrays





Iceland - OMX Iceland All Share Index

Yearly Timing Arrays

Aggregate												
L-Wave												
Empirical												
Long Term												
Trading Cycle												
Direction Change												
Panic Cycle												
Internal Volatility												
Overnight Volatility												
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031

Iceland - OMX Iceland All Share Index

Monthly Timing Arrays



Norway - OBX Index

Expressed in Norway Krone

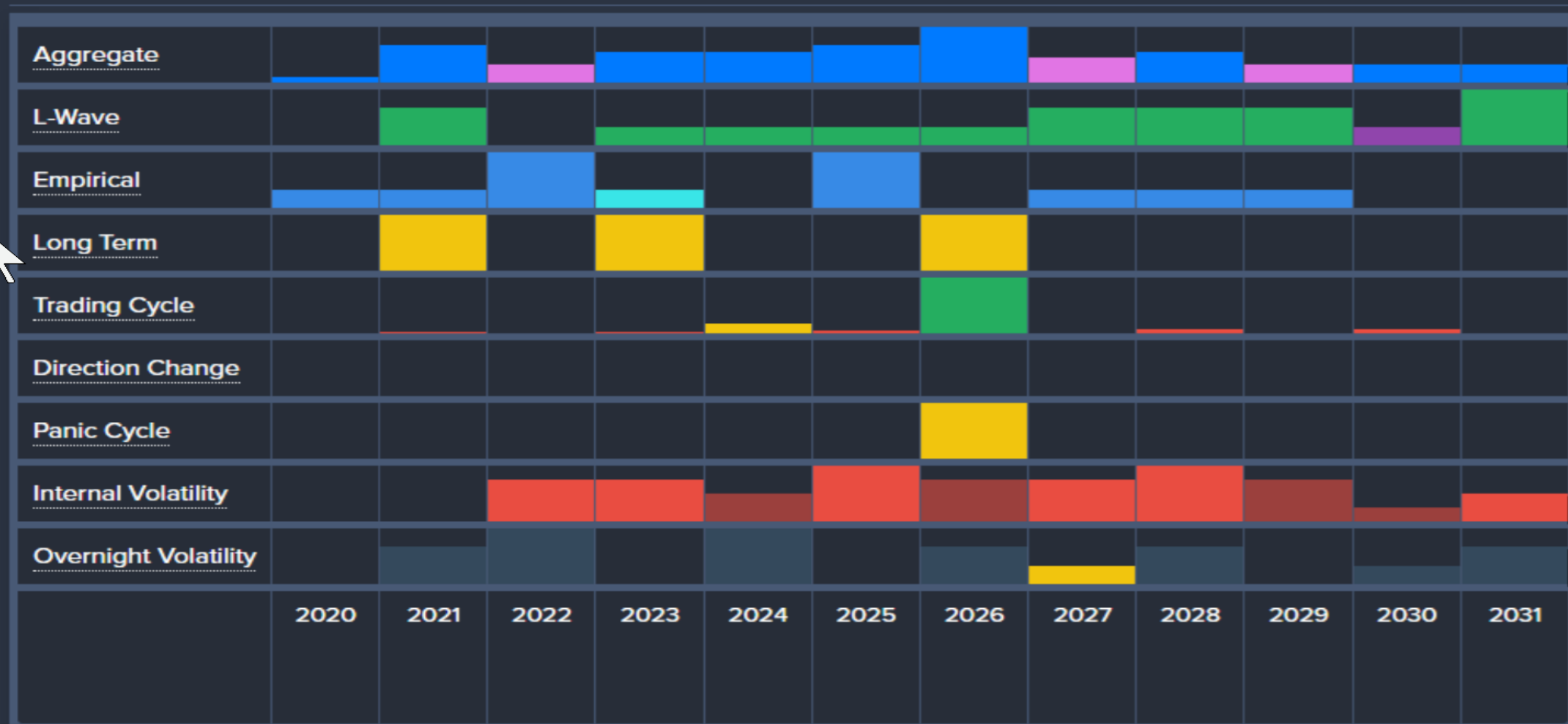
CHART TOOLS

Yearly



Norway - OBX Index

Yearly Timing Arrays



Norway - OBX Index

Monthly Timing Arrays

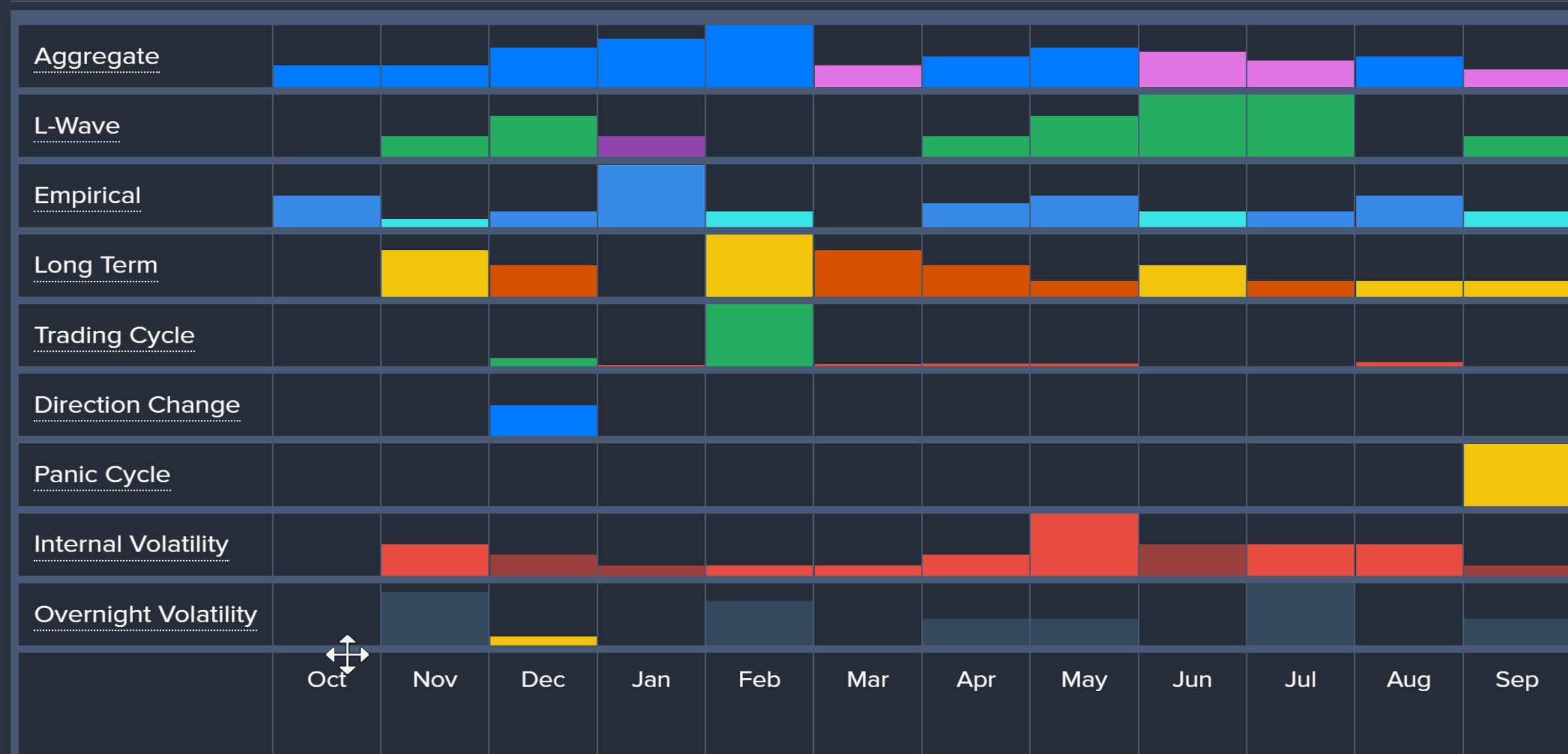


CHART TOOLS

Yearly



Yearly Timing Arrays



Sweden - OMX Stockholm Index

Monthly Timing Arrays



Australia/ &
New Zealand
Leading the Way Down



Death by Economic Suicide

By Martin Armstrong
October 2021



Australian Dollar Spot (USDAUD)

CHART TOOLS

Expressed in Australian Dollar

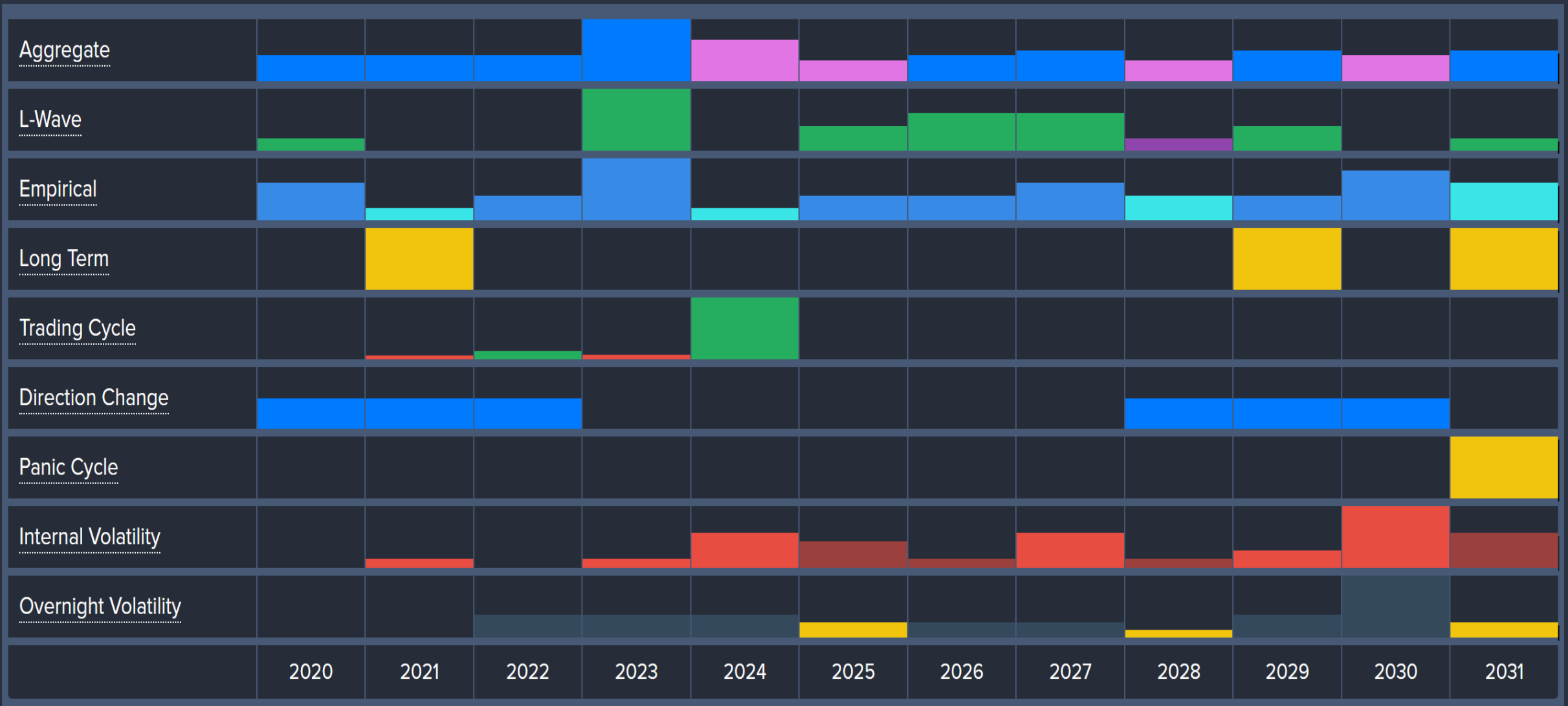
Yearly



Australian Dollar Futures

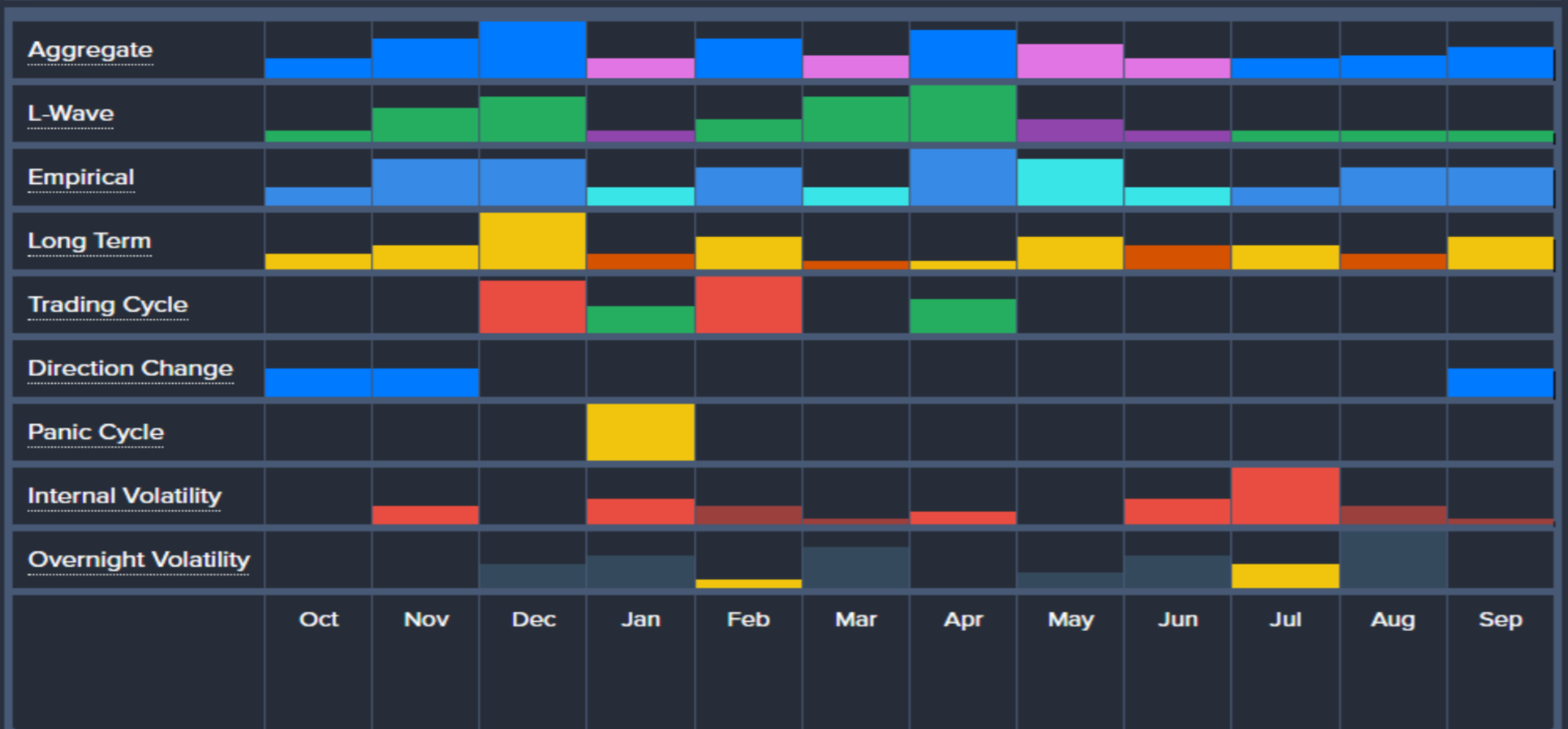
Yearly Timing Arrays

2023



Australian Dollar Spot

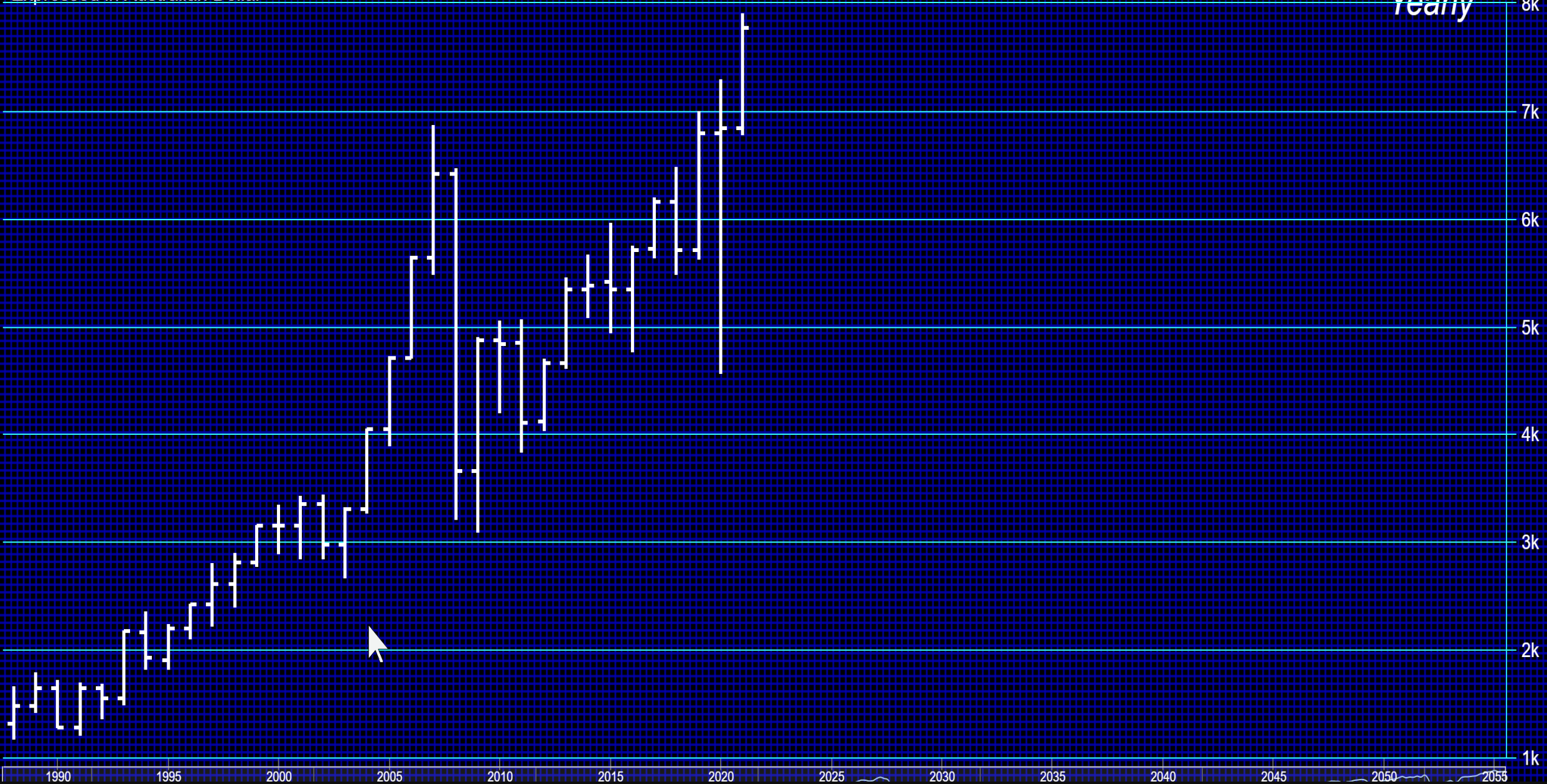
Monthly Timing Arrays



Australia - All Ordinaries Index (^AORD)

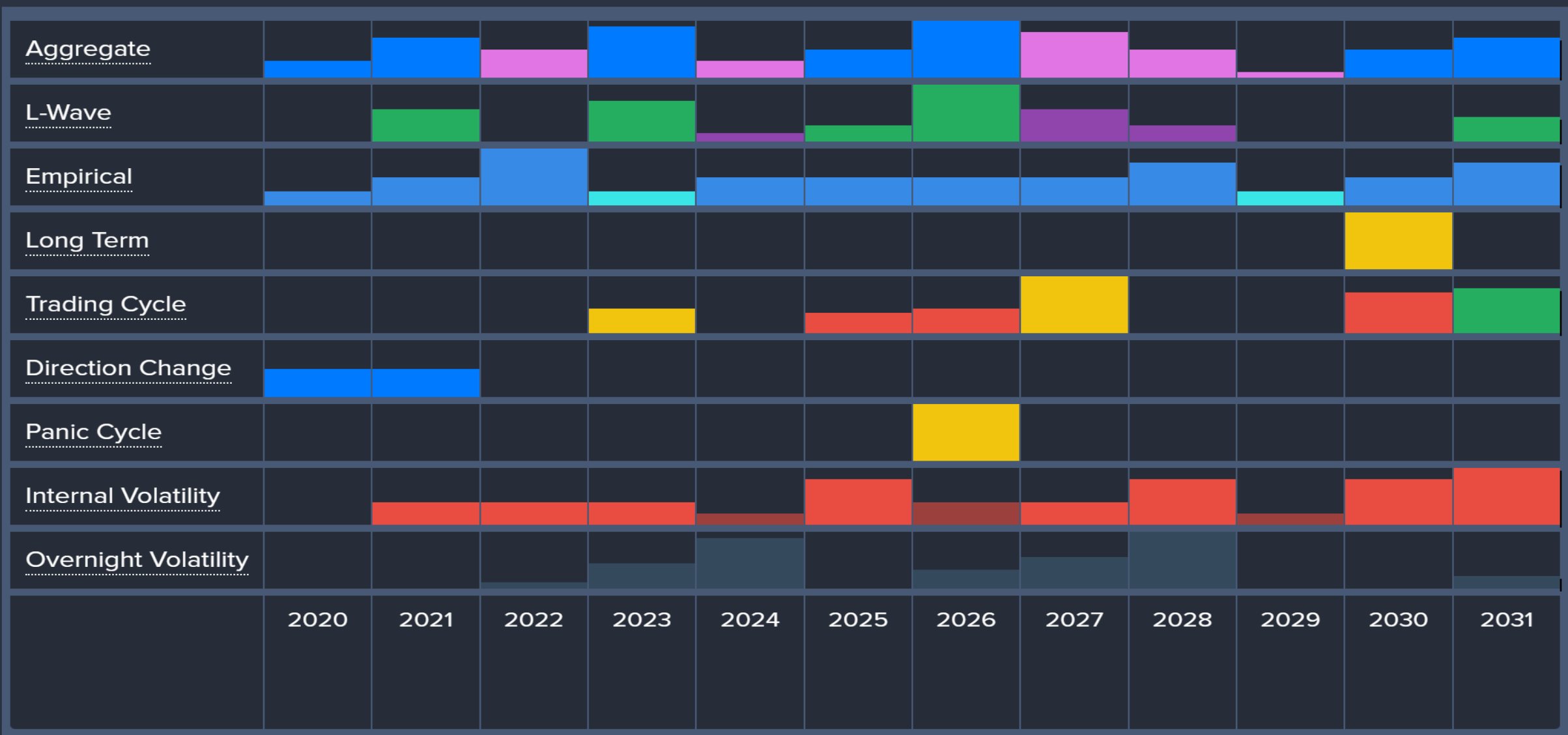
Expressed in Australian Dollar

Yearly



Australia - All Ordinaries Index

Yearly Timing Arrays



Monthly Timing Arrays

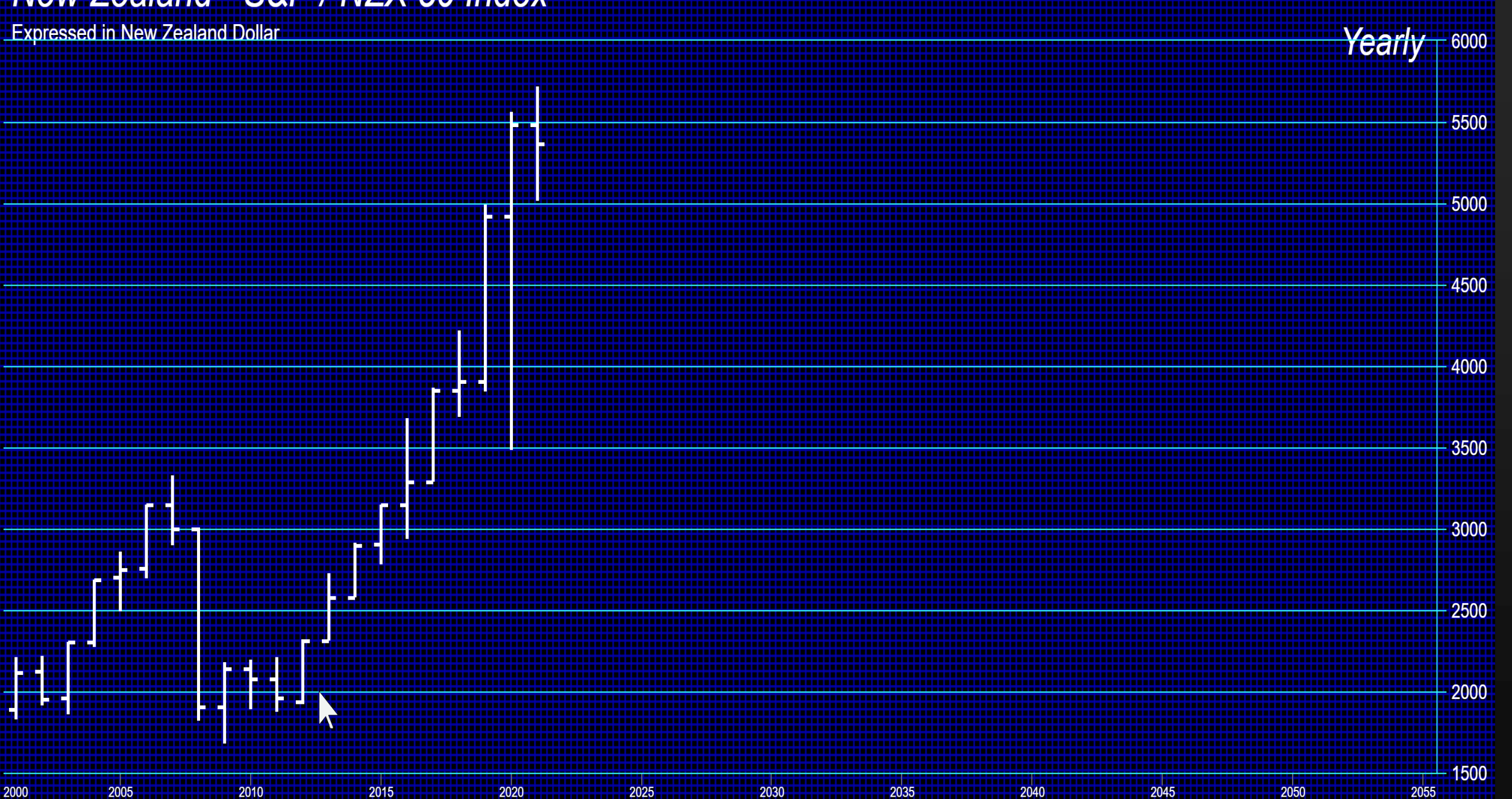


New Zealand - S&P / NZX 50 Index

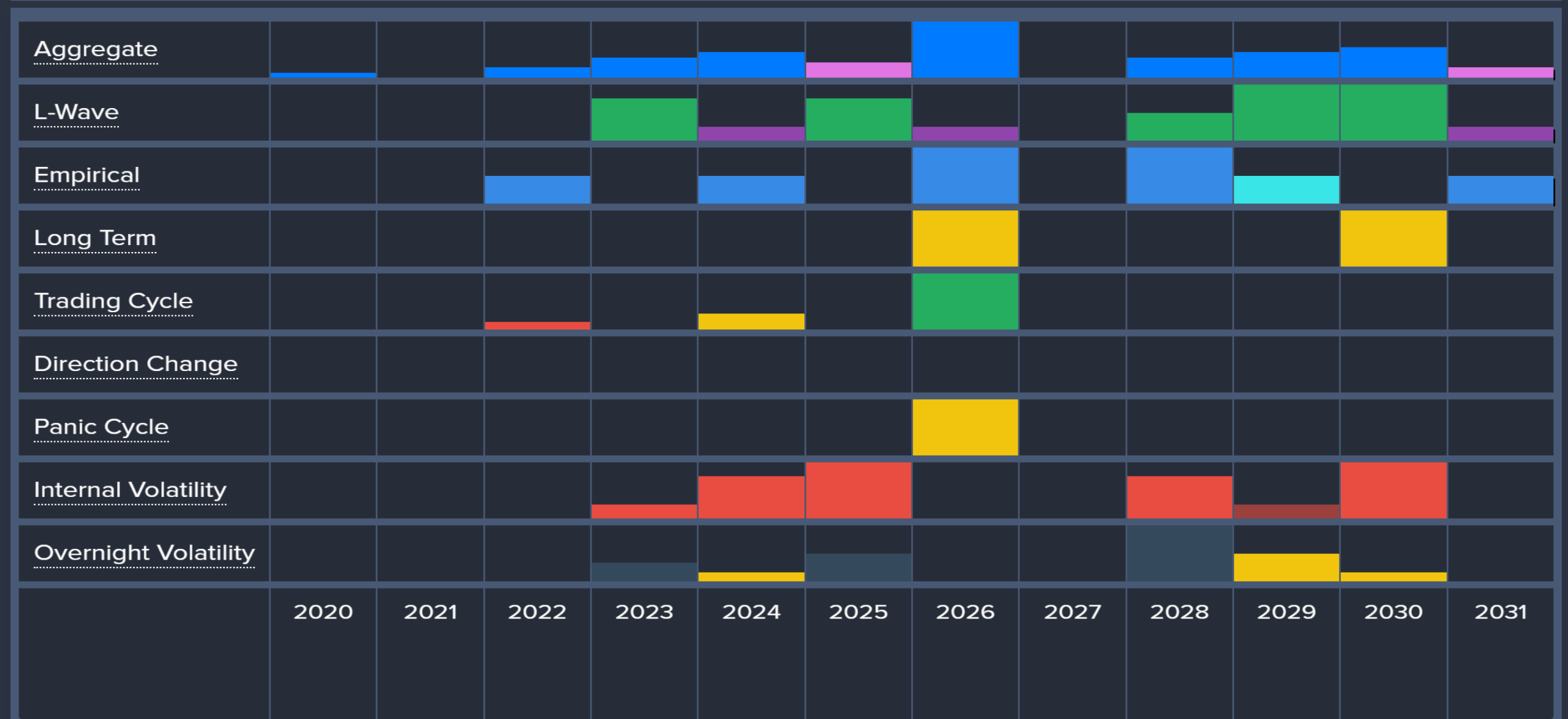
Expressed in New Zealand Dollar

CHART TOOLS

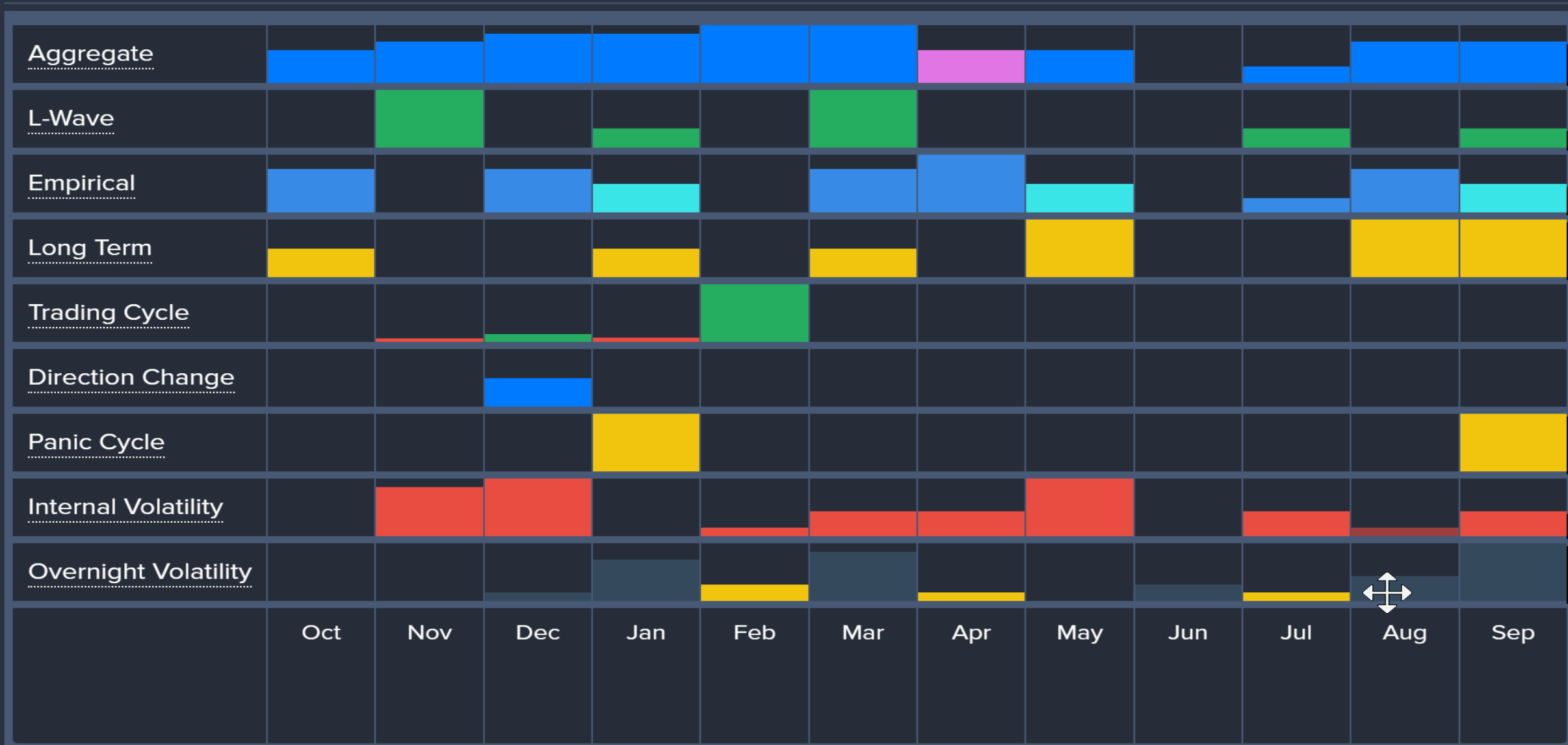
Yearly



Yearly Timing Arrays



Monthly Timing Arrays

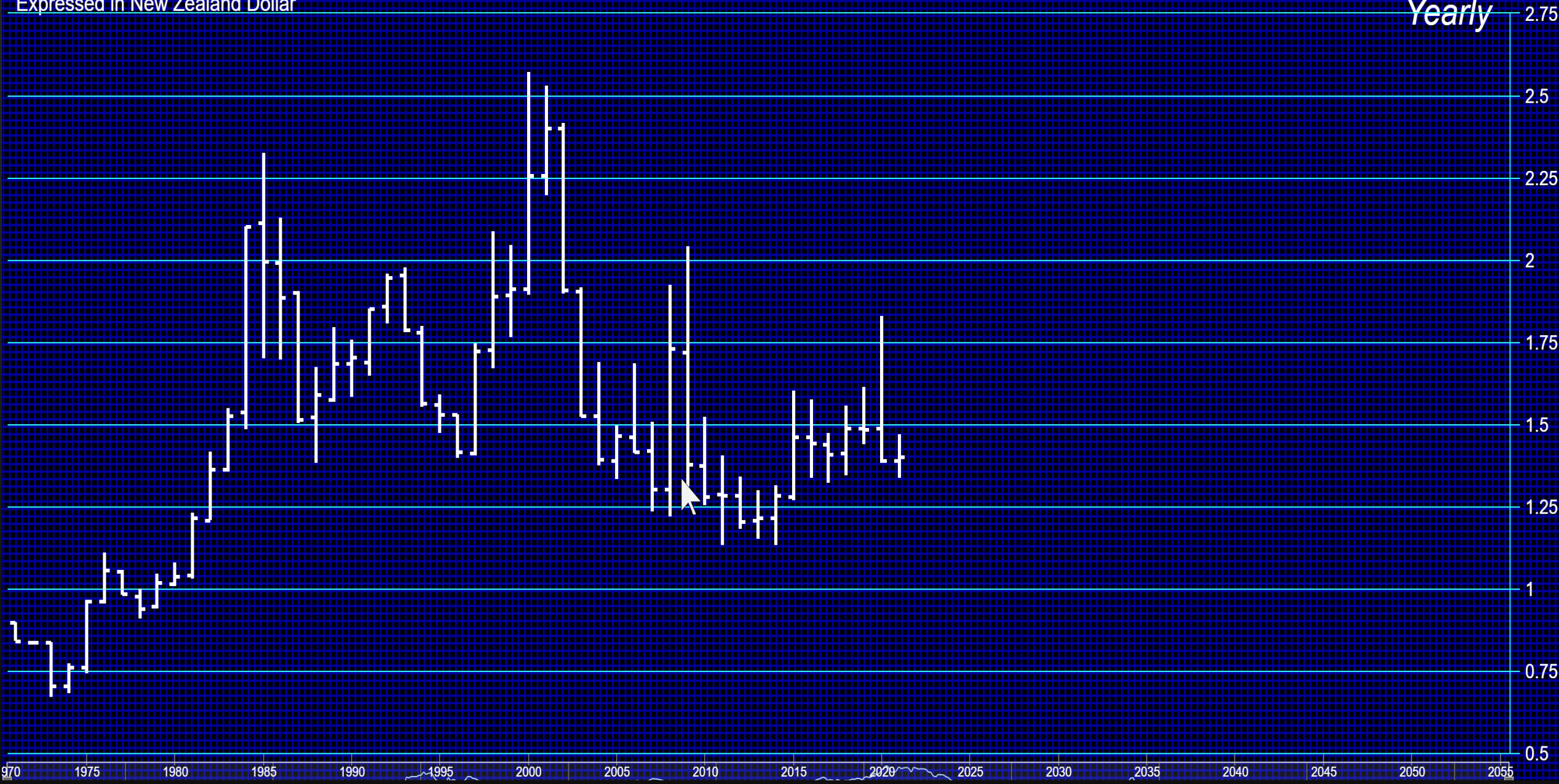


New Zealand Dollar (USDNZD)

Expressed in New Zealand Dollar

CHART TOOLS

Yearly



New Zealand Dollar

Yearly Timing Arrays

