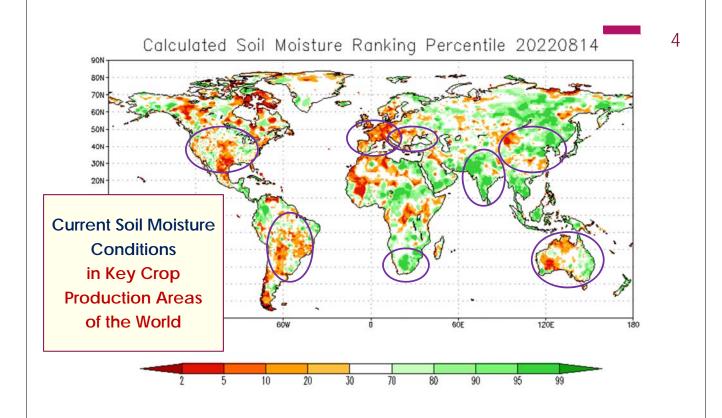




Topics to Address

- ► Global Grain Supply-Demand Trends
- ► Rising Energy Costs
- ▶ Ukraine Russia Conflict
- ► China Geopolitical & Global Economic Risks
- ► Brazil & Argentina Crop Production Issues
- ► Other Countries in Crisis & possible ramifications

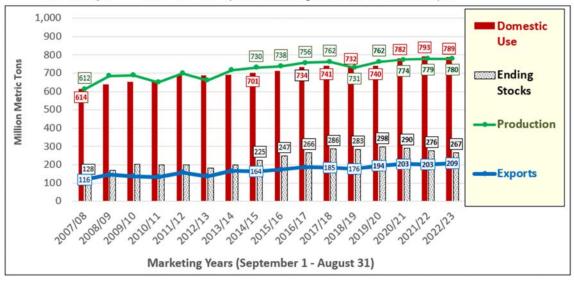




World Wheat Usage & Ending Stocks: MY 2007/08 - "New Crop" 2022/23 as of the August 12, 2022 USDA WASDE Report Production **Total Use** 1,000 "New Crop" MY 2021/22 267.3 mmt End Stocks 33.9% Stocks-to-Use Million Metric Tons 793 789 ** 8 year low** 750 Versus MY 2014/15 225.1 mmt End Stocks 32.1% Stocks-to-Use 500 **Exports** û 5.3% /year 286 298 276 267 250 Production Trade **End Stocks** Usage ■ 2007/08 ■ 2008/09 2009/10 2010/11 2011/12 2012/13 2013/14 2014/15■ 2015/16 ■ 2016/17 ■ 2017/18 ■ 2018/19 ■ 2019/20 ■ 2020/21 □ 2021/22 □ 2022/23

World Wheat Supply-Demand Trends

MY 2006/07 - "New" MY 2022/23 as of the August 12, 2022 USDA WASDE report



"World Less-China" Wheat Usage & Ending Stocks:

MY 2007/08 - "New" MY 2022/23, as of the August 12, 2022 USDA WASDE Report



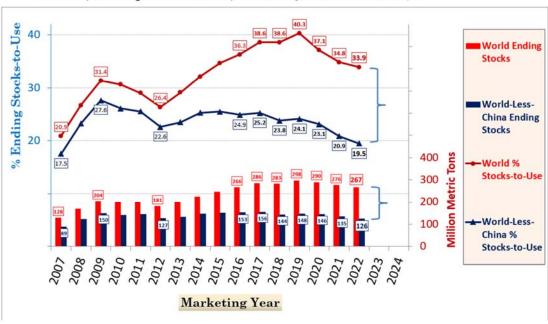
World Less-China Wheat Supply-Demand Trends

MY 2007/08 - "New Crop" MY 2022/23 as of the August 12, 2022 USDA WASDE report

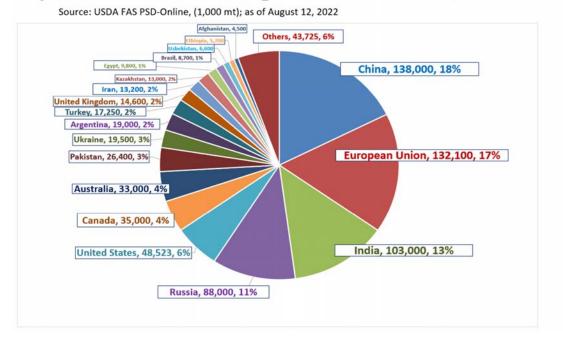


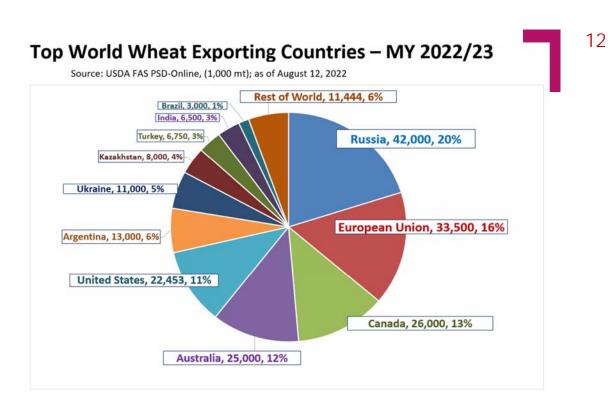
World vs "World Less-China" Ending Stocks & % Stocks-to-Use

MY 2007/08 through "New" MY 2022/23 as of the August 12, 2022 USDA WASDE report



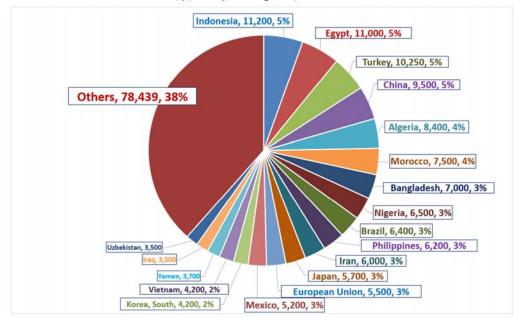
Top World Wheat Producing Countries - "New Crop" MY 2022/23





Top World Wheat Importing Countries - "New Crop" MY 2022/23

Source: USDA FAS PSD-Online, (1,000 mt); as of August 12, 2022



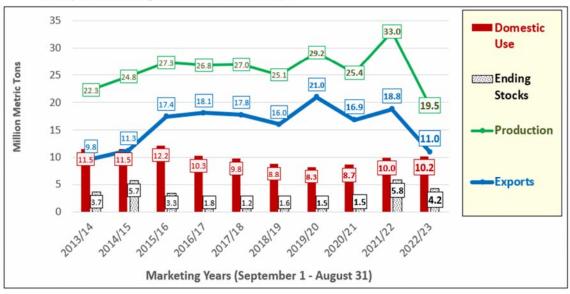
Ukraine Wheat S-D Trends: MY 2013/14 - "New Crop" MY

2022/23 as of the August 12, 2022 USDA WASDE report



Ukraine Wheat S-D Trends: MY 2013/14 - "New Crop" MY

2022/23 as of the August 12, 2022 USDA WASDE report



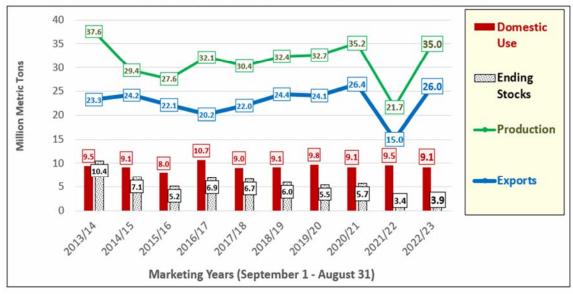
Russia Wheat Supply-Demand Trends: MY 2013/14 -

"New Crop" MY 2022/23 as of the August 12, 2022 USDA WASDE report



Canada Wheat Supply-Demand Trends

MY 2013/14 - "New Crop" MY 2022/23 as of the August 12, 2022 USDA WASDE report



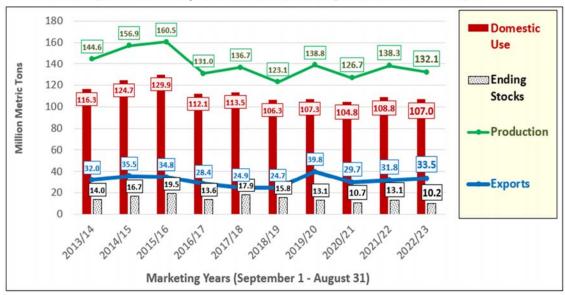
Australia Wheat Supply-Demand Trends

MY 2013/14 - "New Crop" MY 2022/23 as of the August 12, 2022 USDA WASDE report



European Union Wheat S-D Trends

MY 2013/14 - "New Crop" MY 2022/23 as of the August 12, 2022 USDA WASDE report



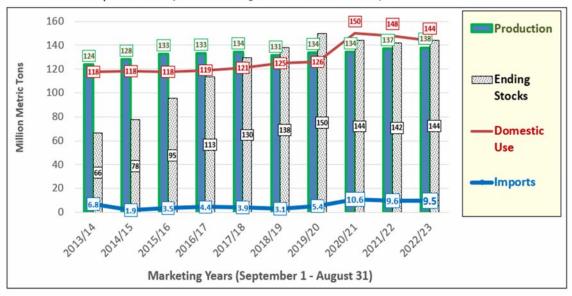
Argentina Wheat S-D Trends MY 2013/14 - "New Crop" MY

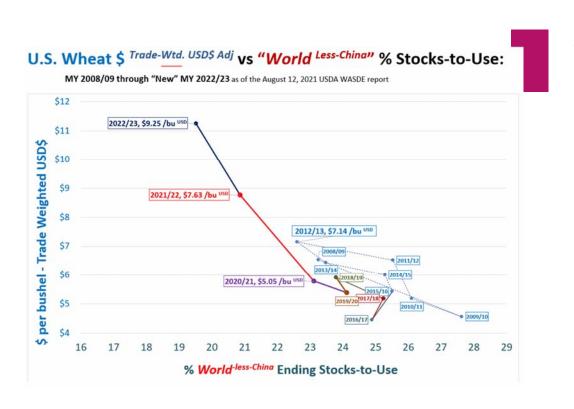
2022/23 as of the August 12, 2022 USDA WASDE report



China Wheat Supply-Demand Trends: MY 2013/14 -

"New Crop" MY 2022/23 as of the August 12, 2022 USDA WASDE report

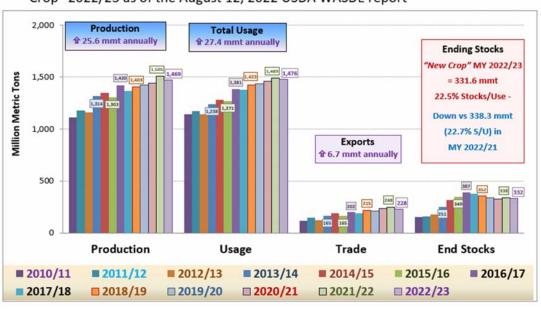






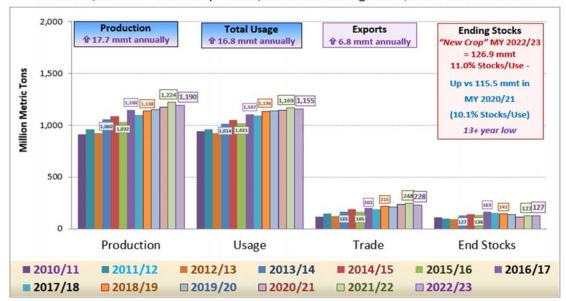
World Coarse Grain Supply-Demand: MY 2007/08 thru "New

Crop" 2022/23 as of the August 12, 2022 USDA WASDE report



"World Less-China" Coarse Grain Supply-Demand:

MY 2007/08 thru "New Crop" 2022/23 as of the August 12, 2022 USDA WASDE



World Corn Supply-Demand Trends: MY 2007/08 - "New Crop" MY

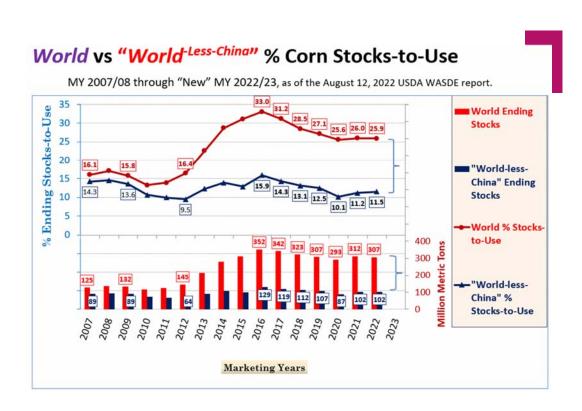
2022/23 as of the August 12, 2022 USDA WASDE report



"World Less-China" Corn Supply-Demand: MY 2007/078 - "New Crop"

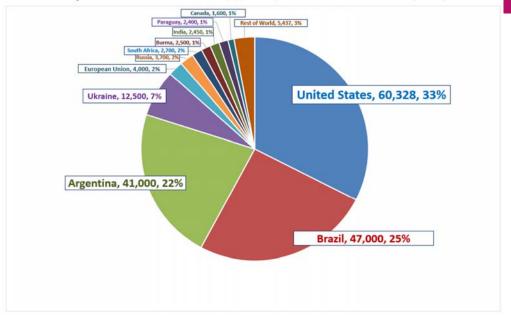
 $MY\ 2022/23$ as of the August 12, 2022 USDA WASDE report





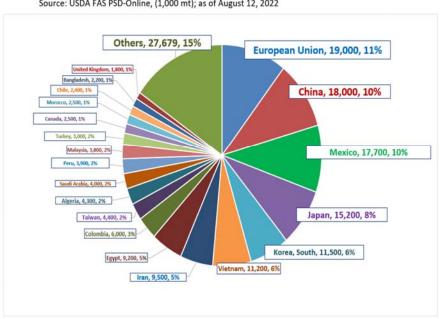
Top Projected World Corn Exporting Countries - "New Crop" MY

2022/23 Source: USDA FAS PSD-Online, (1,000 mt); 9/1/2019 - 8/31/2022 as of August 12, 2022



Top World Corn Importing Countries - "New Crop" MY 2022/23

Source: USDA FAS PSD-Online, (1,000 mt); as of August 12, 2022



Ukraine Corn Supply-Demand: MY 2006/07 - "New Crop" MY

2022/23, as of the August 12, 2022 USDA WASDE report



Brazil Corn Supply-Demand: MY 2007/08 – "New Crop" MY 2022/23 as of the August 12, 2022 USDA WASDE report



Argentina Corn Supply-Demand: MY 2007/08 - "New Crop" MY 2022/23

as of the August 12, 2022 USDA WASDE report



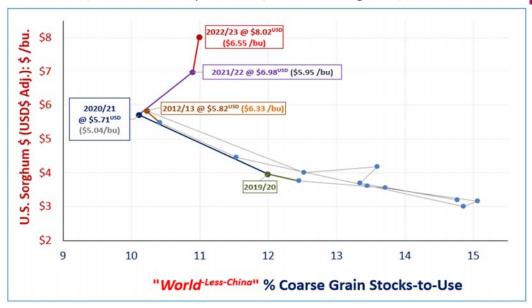
China Corn Supply-Demand: MY 2007/08 - "New Crop" MY

2022/23 as of the August 12, 2022 USDA WASDE report



U.S. Sorghum \$'s USD\$ Adj. vs World Coarse Grain Less-China % S/U

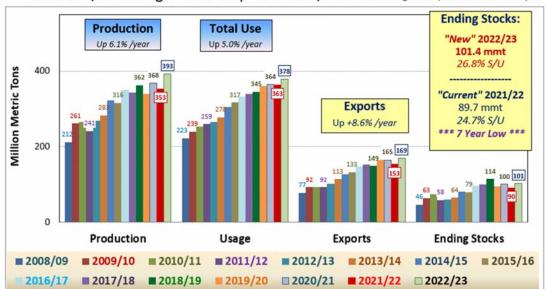
MY 1975/76 thru "New Crop" MY 2022/23 as of the August 12, 2022 USDA WASDE





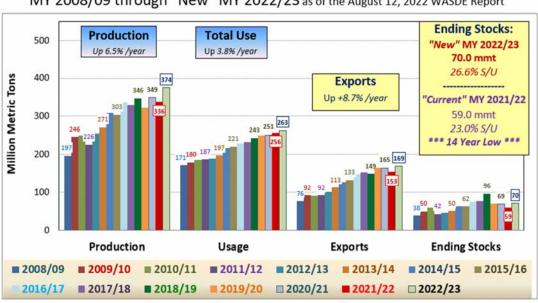
World Soybean Usage & Ending Stocks

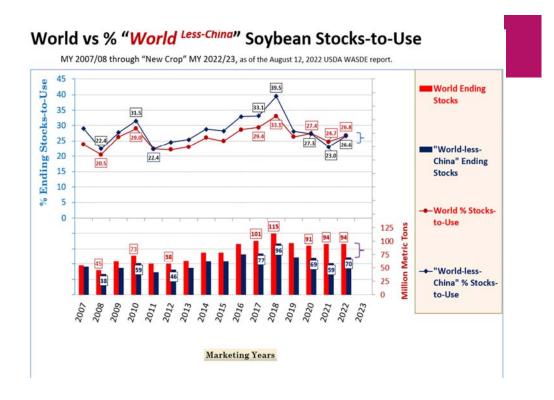
MY 2008/09 through "New Crop" MY 2022/23 as of the August 12, 2022 WASDE Report



"World Less-China" Soybean Use & Ending Stocks

MY 2008/09 through "New" MY 2022/23 as of the August 12, 2022 WASDE Report





World Soybean Supply-Demand

MY 2007/08 - "New" MY 2022/23 as of the August 12, 2022 USDA WASDE Report



World Soybean Meal Supply-Demand

MY 2007/08 - "New Crop" MY 2022/23 as of the August 12, 2022 USDA WASDE Report



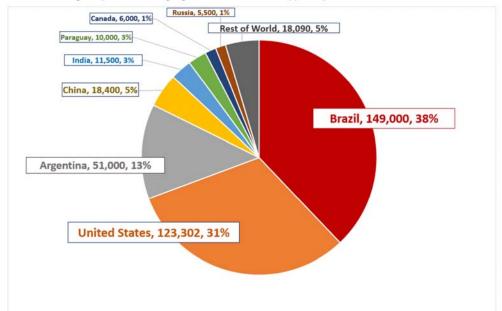
World Soybean Oil Supply-Demand

MY 2007/08 - "New Crop" MY 2022/23 as of the August 12, 2022 USDA WASDE Report



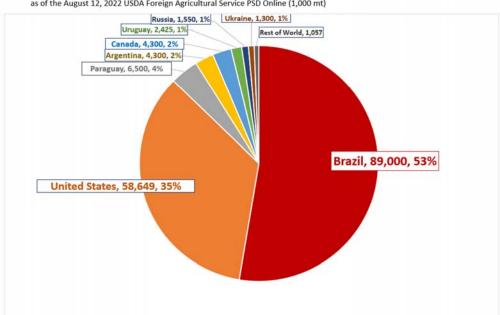
Top Soybean Producing Countries: "New Crop" MY 2022/23

as of the August 12, 2022 USDA Foreign Agricultural Service PSD Online (1,000 mt)



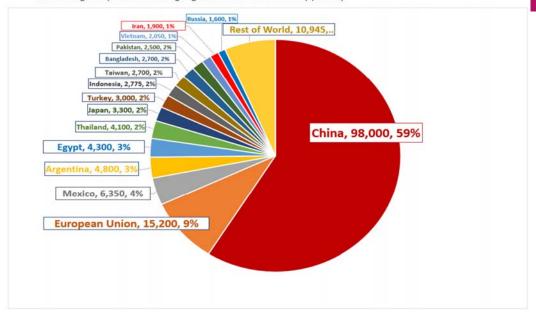


as of the August 12, 2022 USDA Foreign Agricultural Service PSD Online (1,000 mt)



Top World Soybean Import Buyers: "New" MY 2022/23

as of the August 12, 2022 USDA Foreign Agricultural Service PSD Online (1,000 mt)



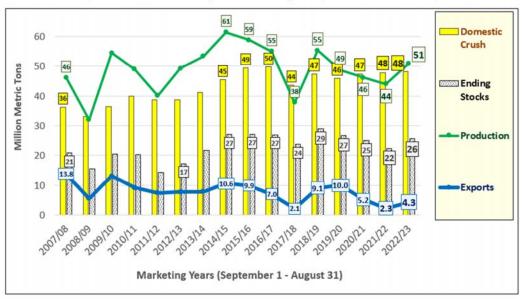
Brazil Soybean Supply-Demand

MY 2007/08 - "New" MY 2022/23 as of the August 12, 2022 USDA WASDE Report



Argentina Soybean Supply-Demand

MY 2007/08 - "New" MY 2022/23 as of the August 12, 2022 USDA WASDE Report



China Soybean Supply-Demand

MY 2007/08 - "New" MY 2022/23 as of the August 12, 2022 USDA WASDE Report



China Soybean Meal Supply-Demand

MY 2007/08 – "Current" MY 2021/22 as of the August 12, 2022 USDA WASDE Report



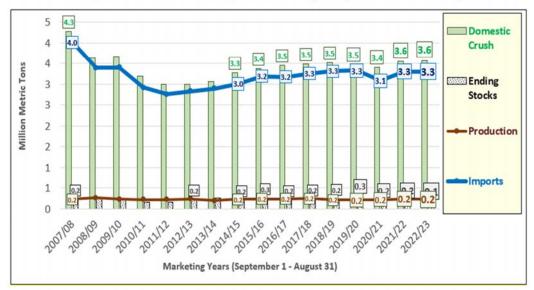
China Soybean Oil Supply-Demand

MY 2007/08 - "Current" MY 2021/22 as of the August 12, 2022 USDA WASDE Report



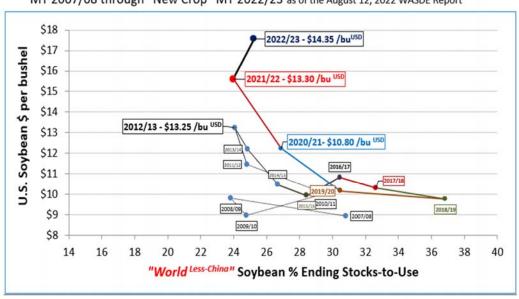
Japan Soybean Supply-Demand

MY 2007/08 - "Current" MY 2021/22 as of the August 12, 2022 USDA WASDE Report

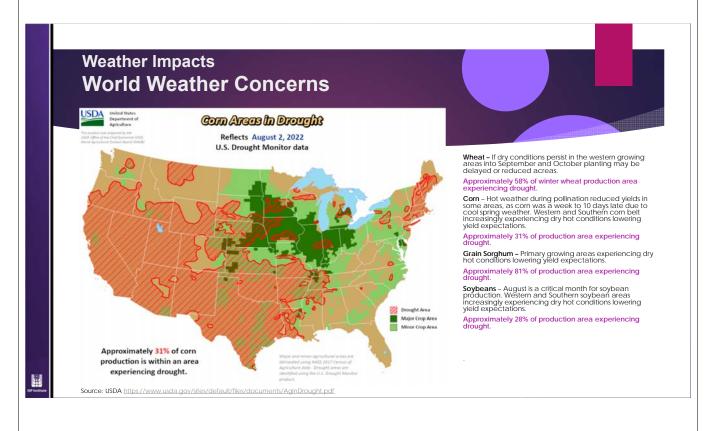


U.S. Soybean \$ USD\$ Adj vs "World Less-China" % Stks/Use

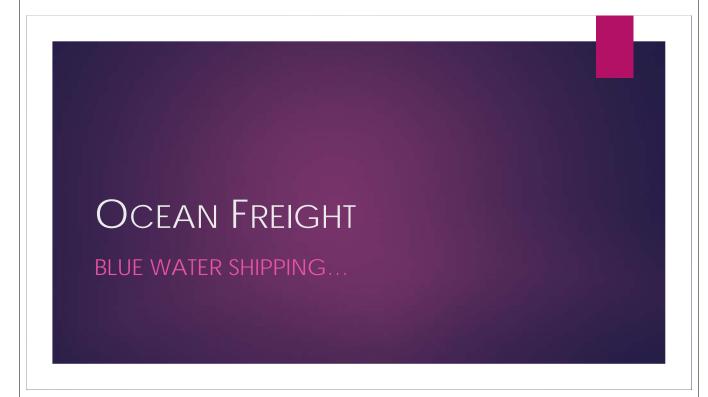
MY 2007/08 through "New Crop" MY 2022/23 as of the August 12, 2022 WASDE Report



WEATHER WEATHER IMPACTS FROM AROUND THE WORLD...



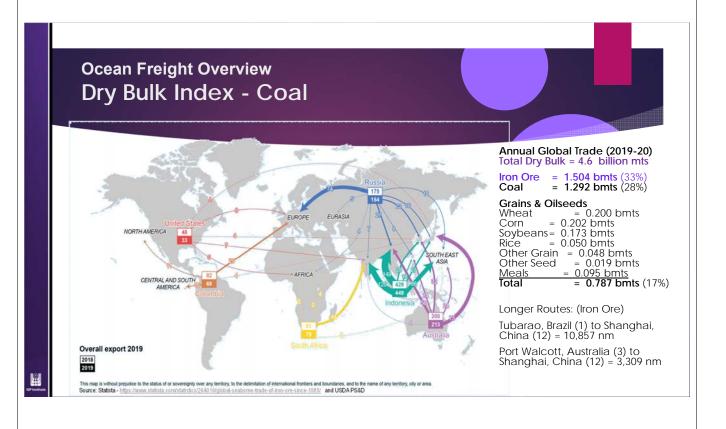


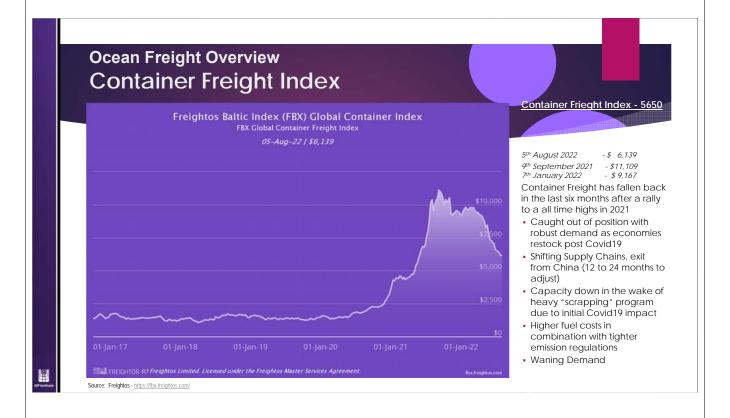


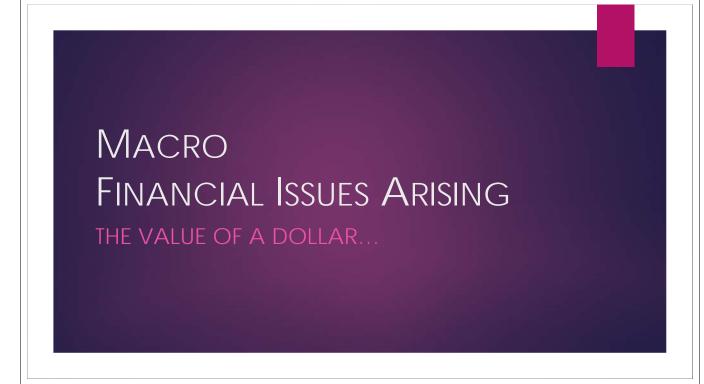
















Current Market Outlook & Issues U.S. Dollar Index U.S. Dollar Index – 106.531 High 109.294 Interest Rate Differential driving value as other currencies decline; U.S. Dollar showing strength as "flight to safety" and relatively higher U.S. interest rates. U.S. inflation rates at 9.1%, approaching double digits levels. U.S. CPI at 6.1% Clobal foreign exchange rates Currencies genetic but 35 dollar, year-o-date change Residential The same of the same o

