

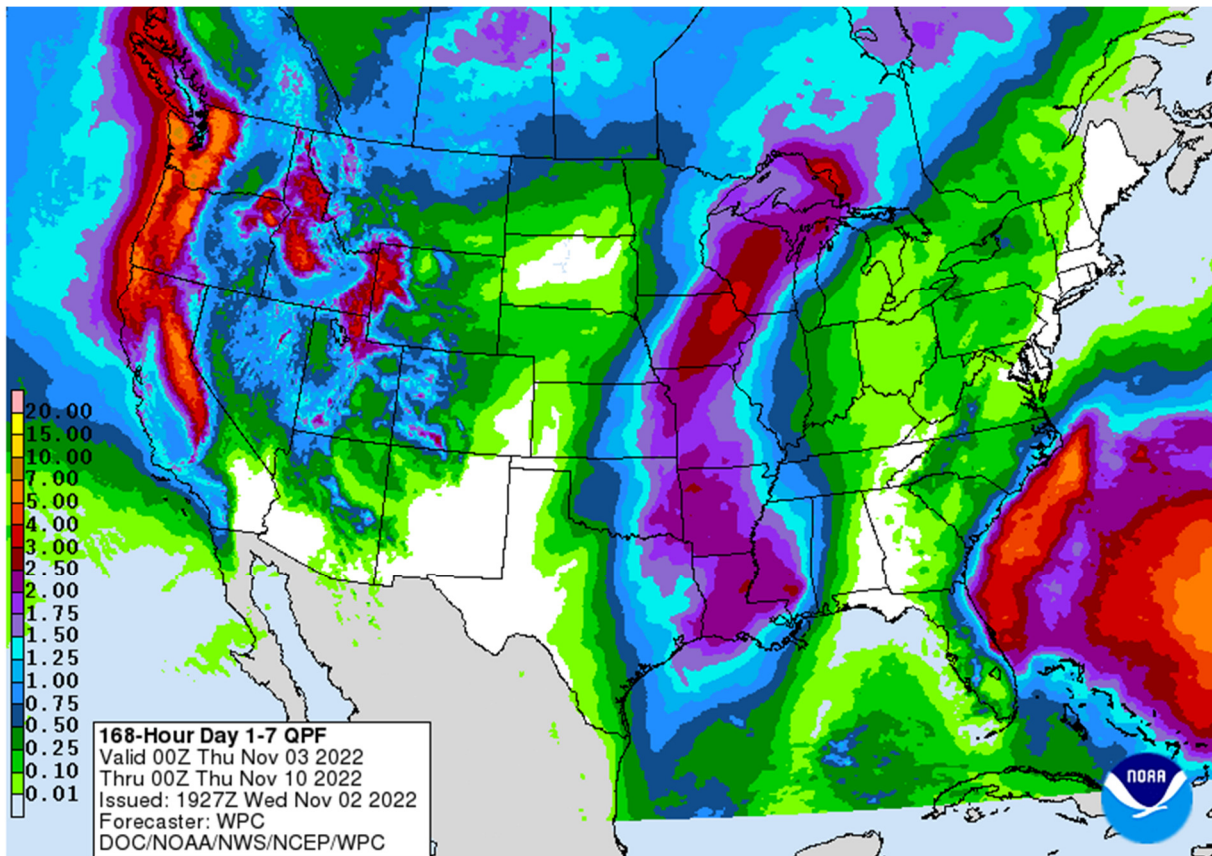


*Ukraine corridor reopens Thursday after Russia agreed to allow grain shipping to resume. The Russian defense ministry received written guarantees from Ukraine not to use the grain corridor for military action against Russia. Tensions are still running high. This afternoon Ukraine's president said Russia fired missiles that flew across the Black Sea corridor. Wheat and corn prices sank. Soybean oil was very strong, lifting soybeans higher. Meal ended moderately lower. China green lighted imports of Brazilian corn. World export developments were light on Wednesday.*

	Corn	Bean	Chi. Wheat	Meal	Oil
FI Est. Managed Money F&O	263	100	(33)	87	106

**Weather**

*Western NE will see rain Thursday. NE, KS, western OK, and western TX will see rain Friday. The Midwest will see light rain Thursday through Friday bias northwestern areas. Northeastern areas of Brazil will see rain this week. Argentina will see net drying over the next 5 days.*



**Terry Reilly** Grain Research

Futures International | One Lincoln Centre, Suite 1450

18 W 140 Butterfield Rd. | Oakbrook Terrace, Il. 60181

W: 312.604.1366 | [treilly@futures-int.com](mailto:treilly@futures-int.com)

## World Weather, INC.

### MOST IMPORTANT WEATHER FOR THE COMING WEEK

- Brazil's western and southern crop areas have turned drier and will remain in this mode for the next full week
  - Showers that develop late next week will be erratic and light initially, but should increase in the following weekend with a more "normal" weather pattern for a La Nina year expected by the middle of this month
- Northeastern Brazil will see the most active weather over the balance of this week with some locally heavy rainfall possible
- Temperatures turned quite cool across Brazil, Paraguay, Bolivia and eastern Argentina earlier this week and that trend will prevail into Friday
  - Argentina will trend much warmer late this week and into the weekend with some cooling expected once again during the second week of the forecast
- Argentina was dry Tuesday and will continue dry for a full week with some rain expected to begin again in portions of the nation during the Nov. 10-16 period
  - The precipitation will not likely be very great in eastern areas
- Little change in the U.S. outlook was noted overnight
  - Mostly dry conditions will prevail in the high Plains region from western Texas through eastern Colorado and western Kansas to western South Dakota during the next ten days
  - Rain is expected Friday into Sunday from Oklahoma, eastern Texas and Arkansas through Missouri and eastern Kansas to Wisconsin and Illinois
    - The moisture may give rise to a slight increase in runoff, but no changes of significance are likely for the lower Missouri, Mississippi or Ohio Rivers
  - Limited rain is expected in eastern U.S. Midwest and Southeastern States during the coming seven days
  - U.S. Delta will receive some rain late this weekend and early next week with dry weather likely for several days thereafter
    - Only light amounts of rain are expected
- Recent rain in the U.S. Pacific Northwest was welcome, but much more is needed
  - Additional rain is expected this weekend into next week
    - The precipitation should occur in waves disfavoring the Yakima Valley while the mountainous areas are wettest
- Bitter cold air will pool in western Canada the remainder of this week and it will seep into the northern U.S. Plains and far western United States during the weekend and especially next week
- Snow cover will increase in Canada's Prairies during the coming week to ten days
  - Warm soil temperatures will help limit frost development in the ground so that melting snow in the spring might get into the ground a little better for improved planting moisture in 2023
  - The snow cover may help improve the potential for colder weather in the U.S. later in November and December
- Ontario and Quebec weather will be mostly good for advancing corn and soybean harvesting and winter crop planting during the next ten days
  - Precipitation days will be limited and moisture totals should be light
- Western Europe will begin getting more significant rain Thursday through the weekend
- Eastern Europe will remain drier biased for much of the next ten days
  - Temperatures will be warmer than usual for an extended period of time
  - Drought remains in the lower Danube River Basin
  - Dryness will also prevail in parts of Spain

**Terry Reilly** Grain Research

Futures International | One Lincoln Centre, Suite 1450

18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

W: 312.604.1366 | [treilly@futures-int.com](mailto:treilly@futures-int.com)

- Relief from low water supply in western Europe will resume, albeit slowly in the next ten days
- Western CIS crop moisture is still rated favorably and precipitation will continue to come and go periodically over the next ten days ensuring favorable soil moisture for the winter
  - Seasonal cooling has most winter crops becoming dormant or semi-dormant except in Russia's Southern Region, Ukraine and parts of Belarus where crop development is still occurring
  - Temperatures will be warmer than usual for much of the next ten days west of the Ural Mountains
- Southern India will receive frequent rainfall over the next ten days maintaining concern over the potential for flooding in Tamil Nadu, far southern Andhra Pradesh and parts of Kerala
  - Good harvest and planting weather will continue elsewhere in the nation
- Indonesia, Malaysia, southern Vietnam and parts of the Philippines will continue wet over the next ten days with bouts of local flooding possible
- Tropical Storm Nalgae was located 58 miles southeast of Hong Kong at 1500 GMT today moving north northwesterly at 7 mph with maximum sustained wind speeds getting to 46 mph.
  - The storm will turn to the west and possibly west southwest today moving it away from Hong Kong, but rain from the system will continue in many southeastern China crop areas into Friday
  - Very little damage is expected from the system due to light wind speeds and an absence of excessive rain
- Hurricane Lisa was located 60 miles north of the Isla Roatan, Honduras moving westerly at 15 mph and producing maximum sustained wind speeds of 75 mph.
  - Lisa will move across Belize tonight and northern Guatemala Thursday before impacting southeastern Mexico late Thursday and Friday
  - The storm will be downgraded as a tropical storm over northeastern Guatemala late tonight and early Thursday and then to a depression late Thursday night or early Friday as its center moved toward the Gulf of Campeche
    - The storm is not expected to redevelop into a threatening storm, but its circulation center will persist over the Gulf of Campeche through the weekend and waves of rain will continue in coastal areas
    - There is no potential for this storm to come northward to impact the United States
- Tropical Storm Martin was located over open water in the northern Atlantic Ocean 755 miles east northeast of Bermuda moving east northeasterly at 15 mph and producing maximum sustained wind speeds of 65 mph
  - Martin will become a hurricane today and will lose its tropical characteristics Thursday going into to Friday, but it will be viable mid-latitude storm system producing rough seas, strong wind and heavy rain – over open water
  - The storm may have some influence on the U.K. next week, but mostly the storm will help produce a warm and moist airflow across the European continent keeping temperatures above normal and inducing some waves of rain in the central and west
- An area of disturbed tropical weather near the Greater Antilles late this week has some potential to evolve into a tropical or subtropical depression during the weekend and movement of this system could bring a little rain to the Carolinas and/or Virginia next week
  - The system will be closely monitored, but there is no active weather in the Greater Antilles this morning associated with this potential event
- Australia reported light rain in southeastern parts of the nation Tuesday and early today
  - The precipitation will linger today and end Thursday
  - Drier biased weather is expected for a full week in eastern Australia immediately after this disturbance passes off to the east Thursday
    - The drier weather will be ideal for maturing winter crops and their harvest in Queensland and northeastern New South Wales

**Terry Reilly** Grain Research

Futures International | One Lincoln Centre, Suite 1450

18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

W: 312.604.1366 | [treilly@futures-int.com](mailto:treilly@futures-int.com)

- Drier weather in eastern Australia may be ending just in time to protect crops from a more serious decline in production and quality following weeks of heavy rain, but much of that will be determined by rainfall later this month and in December when crops are maturing and being harvested
- China will experience restricted precipitation during the coming week, although some rain will fall over the next few days in the far southeast and in crop areas from Sichuan into Yunnan and Guizhou
  - Most of the precipitation will be light
- China's wheat production region is expecting some very well timed rainfall next week from the Yellow River Valley southward into the northern Yangtze River Basin
  - The moisture could vary from 0.30 to 1.00 inch and locally more collectively over the week next week
  - Improved wheat emergence and establishment is expected
  - Some of this moisture will also reach into northern Rapeseed production areas improving crop establishment there as well
- South Africa weather will continue to be well balanced over the next two weeks favoring fieldwork and crop development
  - Sufficient rain will fall to maintain an excellent planting outlook
  - Western wheat, barley and canola areas will experience good maturation and harvest weather
- Mexico's seasonal rains have largely diminished for the season and good crop maturation and harvest weather is expected into next week
  - Some rain will evolve in the southeast briefly Thursday into the weekend because of moisture from the tropical cyclone Lisa
- Central America precipitation is expected to be light to moderate and sporadic for a while, but heavy rain is likely from Belize through northern Guatemala to eastern Chiapas and Tabasco, Mexico as a tropical cyclone moves inland
- West-central Africa rainfall will occur periodically enough to support southern coffee, cocoa, sugarcane, rice and other crops during the next couple of weeks
  - The precipitation will be greatest near the coast except in Cameroon where there could be some heavy rain
- East-central Africa rainfall will be sufficient to support coffee and cocoa as well as a few other crops
  - Rain will fall in portions of Ethiopia, Tanzania and Uganda
- Today's Southern Oscillation Index was +19.18 and it will move erratically lower over the next few days

Source: World Weather INC

## **Bloomberg Ag Calendar**

Wednesday, Nov. 2:

- Indonesian Palm Oil Conference in Bali, day 1
- EIA weekly US ethanol inventories, production, 10:30am
- HOLIDAY: Brazil

Thursday, Nov. 3:

- Indonesian Palm Oil Conference in Bali, day 2
- USDA weekly net-export sales for corn, soybeans, wheat, cotton, pork and beef, 8:30am
- HOLIDAY: Japan

Friday, Nov. 4:

- Indonesian Palm Oil Conference in Bali, day 3
- FAO World Food Price Index
- FranceAgriMer weekly update on crop conditions
- ICE Futures Europe weekly commitments of traders report

**Terry Reilly** Grain Research

Futures International | One Lincoln Centre, Suite 1450

18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

W: 312.604.1366 | [treilly@futures-int.com](mailto:treilly@futures-int.com)

- CFTC commitments of traders weekly report on positions for various US futures and options, 3:30pm

Source: Bloomberg and FI

USDA US Export Sales Projections in 000 Metric Tons							
		Trade Estimates*	FI Estimates		Last Week		Year Ago
		10/27/2022	10/27/2022		Last Week		10/28/2021
<b>Beans</b>	2022-23	<b>700-1600</b>	900-1250	2022-23	1026.4		1863.9
	NC	<b>0-75</b>	0	NC	0.0		0.0
<b>Meal</b>	2022-23	<b>150-400</b>	200-350	Sales	217.2	Sales	226.6
	NC	<b>0-10</b>	0.0				
	Shipments	NA	100-200	Shipments	138.5	Shipments	211.1
<b>Oil</b>	2022-23	<b>0-20</b>	0-5	Sales	2.5	Sales	11.2
	NC	<b>0-10</b>	0.0				
	Shipments	NA	0-5	Shipments	1.5	Shipments	10.2
<b>Corn</b>	2022-23	<b>250-600</b>	300-600	2022-23	264.1		1223.8
	NC	<b>0-75</b>	0	NC	0.0		0.6
<b>Wheat</b>	2022-23	<b>200-600</b>	250-450	2022-23	533.2		400.1
	NC	<b>0-50</b>	0.0	NC	0.0		0.0

Source: FI & USDA \*Trade estimates provided by Reuters

n/c= New Crop

## Macros

FOMC Hikes By 75Bps; Target Range Stands At 3.75% - 4.00%

- Interest Rate On Reserves Balances Raised By 75Bps To 3.90% From 3.15%

108 Counterparties Take \$2.230 Tln At Fed Reverse Repo Op (prev \$2.201 Tln, 102 Bids)

US ADP Employment Change Oct: 239K (est 185K; prev 208K)

US DoE Crude Oil Inventories (W/W) 28-Oct: -3.115M (est -200K; prev +2.588M)

- Distillate: +427K (est -500K; prev +170K)

- Cushing: +1.267M (prev +667K)

- Gasoline: -1.257M (est -1.000M; prev -1.478M)

- Refinery Utilization: +1.70% (est +0.50%; prev -0.60%)

## Corn

- Corn futures were sharply lower on the Black Sea shipping deal and China customs posting an updated list of approved Brazilian corn exporters. The list includes 136 corn export facilities. With China posting the list, we think it's a green light for importers to start sourcing Brazilian corn, but how much will they take before the second crop get harvested remains questionable. We think the bulk of Brazil corn imports will not happen until June 2023, when the second crop gets cut. Brazil tends to use their first crop for domestic use, and with the recent ethanol boom and rising animal unit population, they will need it more than ever.
- China's 2023 import quota for corn is 7.2 million tons, same as 2022. USDA's Attaché back in early October forecast MY2022-23 corn imports at 18 MMT and estimates MY2021-22 corn imports at 23 MMT.

**Terry Reilly** Grain Research

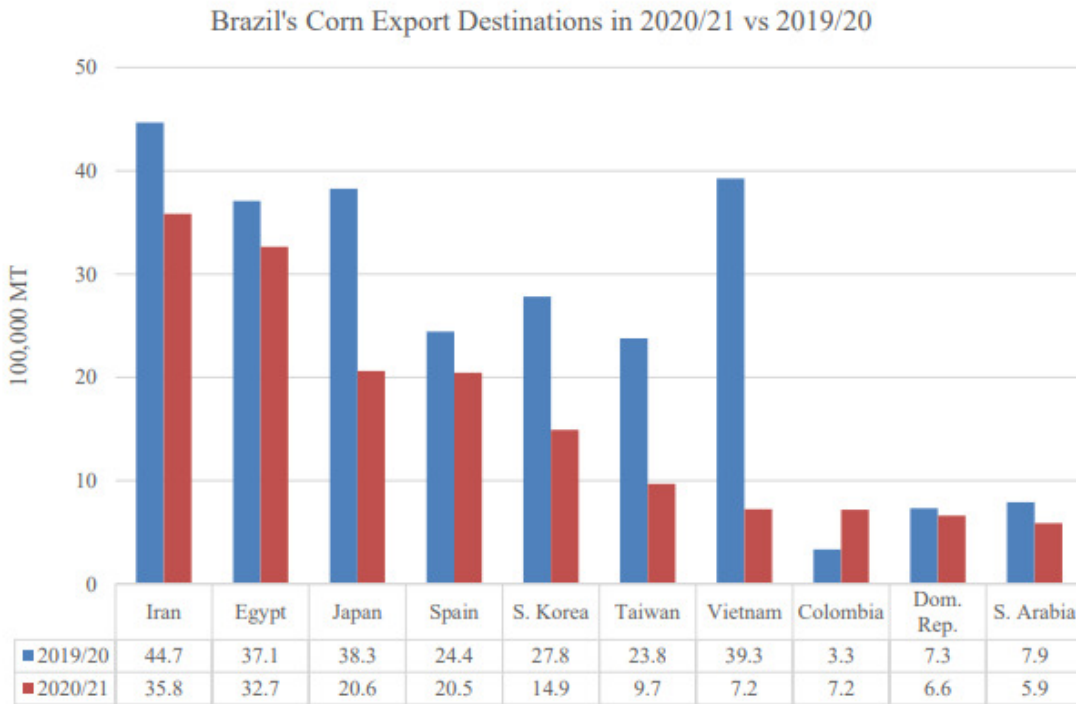
Futures International | One Lincoln Centre, Suite 1450

18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

W: 312.604.1366 | [treilly@futures-int.com](mailto:treilly@futures-int.com)



- Note Brazil October corn exports were 7.2 million tons versus 1.8 million tons year ago.
- Iran, Egypt, Japan and Vietnam are major importers of Brazilian corn.



Source: SECEX, Chart by Post Brasilia

*Pulled from the USDA Brazil grain and feed annual*

- StoneX estimated the US corn crop at 14.109 billion bushels from previous 14.056 billion (174.5 versus 173.9 previous). USDA is at 13.895 billion. We are using 13.831 billion.
- For the USDA a week from today, we look for the US corn yield to be lowered from 171.9 bu/acre to 171.4 based on the last US crop rating. We see USDA trimming US corn exports by 50 million bushels to 2.100 billion.
- The US could see a rail strike as early as November 19.
- USDA's weekly Broiler Report showed eggs set in the United States down 2 percent and chicks placed up 3 percent. Cumulative placements from the week ending January 8, 2022, through October 29, 2022, for the United States were 8.10 billion. Cumulative placements were up 2 percent from the same period a year earlier.
- US weekly ethanol production increased 7,000 barrels to 1.040 million and stocks decreased 59,000 barrels to 22.232 million. A Bloomberg poll looked for weekly US ethanol production to be up 5,000 thousand and stocks up 51,000. US ethanol production is highest since end of July 2022. Stocks are highest since the third week of September. US gasoline stocks decreased 1.26 million barrels to 206.6 million and gasoline demand fell 270,000 barrels to 8.660 million.

**Terry Reilly** Grain Research

Futures International | One Lincoln Centre, Suite 1450

18 W 140 Butterfield Rd. | Oakbrook Terrace, Il. 60181

W: 312.604.1366 | [treilly@futures-int.com](mailto:treilly@futures-int.com)

## US Weekly Petroleum Status Report - Ethanol

	Ethanol Production		Change		Ethanol Stocks		Change		Days of Inv.
	Mbbl	Last Week	Last Year	Mbbl	Last Week	Last Year			
9/2/2022	989	19	7.2%	23,138	(395)	13.5%	23.8		
9/9/2022	963	(26)	2.8%	22,843	(295)	14.2%	24.0		
9/16/2022	901	(62)	-2.7%	22,501	(342)	11.9%	25.4		
9/23/2022	855	(46)	-6.5%	22,691	190	12.2%	26.3		
9/30/2022	889	34	-9.1%	21,685	(1,006)	8.8%	25.5		
10/7/2022	932	43	-9.7%	21,863	178	10.2%	23.3		
10/14/2022	1016	84	-7.3%	21,844	(19)	8.8%	21.5		
10/21/2022	1033	17	-6.6%	22,291	447	11.9%	21.1		
10/28/2022	1040	7	-6.1%	22,232	(59)	10.4%	21.4		

Source: EIA and FI

## US Weekly Ethanol By PADD

	28-Oct 2022	21-Oct 2022	Change	Weekly Percent	4-Week Percent	YOY Percent
<b>Ethanol Stocks</b>						
Total Stocks	22232	22291	(59)	-0.3%	1.7%	10.4%
East Coast PADD 1	7034	7290	(256)	-3.5%	-4.0%	22.0%
Midwest PADD 2	8279	8110	169	2.1%	5.0%	7.7%
Gulf Coast PADD 3	3823	3857	(34)	-0.9%	7.8%	8.8%
Rocky Mt. PADD 4	340	331	9	2.7%	0.9%	-0.9%
West Coast PADD 5	2756	2703	53	2.0%	-0.5%	-2.3%
<b>Plant Production</b>						
Total Production	1040	1033	7	0.7%	11.6%	-6.1%
East Coast PADD 1	12	12	0	0.0%	20.0%	
Midwest PADD 2	981	974	7	0.7%	11.4%	-6.7%
Gulf Coast PADD 3	25	23	2	8.7%	47.1%	
Rocky Mt. PADD 4	15	15	0	0.0%	7.1%	
West Coast PADD 5	8	8	0	0.0%	0.0%	

Source: EIA and FI

Export developments.

- None reported

**Terry Reilly** Grain Research

Futures International | One Lincoln Centre, Suite 1450

18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

W: 312.604.1366 | [treilly@futures-int.com](mailto:treilly@futures-int.com)

Corn	Change	Oats	Change	Ethanol	Settle			
DEC2	686.50	(11.25)	DEC2	390.25	(9.25)	NOV2	2.62	Spot DDGS IL
MAR3	692.25	(10.25)	MAR3	397.75	(9.00)	DEC2	2.47	NYM Chi. ETH
MAY3	691.75	(10.00)	MAY3	398.75	(5.50)	JAN3	2.37	+ Corn
JUL3	686.00	(9.25)	JUL3	400.25	(3.50)	FEB3	2.37	Ethanol Crush
SEP3	638.50	(6.25)	SEP3	393.00	(3.50)	MAR3	2.38	2.42
DEC3	624.75	(4.75)	DEC3	393.00	(3.50)	APR3	2.39	

Soybean/Corn	Ratio	Spread	Change	Wheat/Corn	Ratio	Spread	Change	
NOV2	DEC2	2.10	753.50	15.50	DEC2	1.23	158.50	(46.25)
MAR3	MAR3	2.11	770.25	18.50	MAR3	1.25	171.75	(44.75)
MAY3	MAY3	2.12	777.75	18.50	MAY3	1.26	181.00	(42.00)
JUL3	JUL3	2.15	786.75	18.50	JUL3	1.27	187.00	(37.25)
SEP3	SEP3	2.22	778.25	15.50	SEP3	1.38	239.50	(37.25)
NOV3	DEC3	2.24	776.00	13.50	DEC3	1.42	262.00	(35.25)

#### US Corn Basis & Barge Freight

Gulf Corn	BRAZIL Corn Basis	Chicago	+10 z unch	
OCT +210 / 240 z unch/up15	NOV +40 / 75 z	dn20/up7	Toledo	-35 z unch
NOV +178 / 200 z unch	DEC +72 / 83 z	dn3/dn7	Decatur	+10 z unch
DEC +155 / 170 z unch	JAN +85 / 90 h	unch	Dayton	-20 z unch
JAN +125 / 140 h unch	0		Cedar Rapic	-35 z dn10
FEB +120 / 140 h unch			Burns Harb	-20 z unch

USD/ton:	Ukraine Odessa \$	200.00	Memphis-Cairo Barge Freight (offer)						
US Gulf 3YC Fob Gulf Seller (RTRS)	371.5	358.9	346.6	333.6	325.7	317.2	BrgF MTCT NOV	1700	unchanged
China 2YC Maize Cif Dalian (DCE)	386.3	388.3	390.0	391.3	393.8	396.8	BrgF MTCT DEC	1050	unchanged
Argentina Yellow Maize Fob UpRiver	-281.8	-	-321.6	-			BrgF MTCT FH JAN	900	unchanged

Source: FI, DJ, Reuters & various trade sources

Updated 10/31/22

December corn is seen in a \$6.75-\$7.25 range. March \$6.50-\$7.50 range.

#### Soybeans

- CBOT soybeans traded two-sided, ending higher from strength in soybean oil and uncertainty over the impact of the recent roadblocks across Brazil affecting soybean deliveries to ports and crush plants. Soybean meal finished moderately lower.
- Soybean oil was sharply higher after Malaysian palm oil reached a 12-week high. Brazil is expected to increase their biodiesel mandate from 10 percent to 14 percent sometime in January, then again to 15 percent in March.
- There was talk of Canadian canola oil making its way to Houston for the energy pipeline.
- Canadian canola imports have been long used for biodiesel production. Earlier this year the EPA approved Canadian canola for renewable diesel, but this still might have to be finalized. The import rumor may reflect stock building (may go into storage). The latest EIA biodiesel report showed SBO oil use during the month of August rising 14 percent from Aug 2021, while the combined major feedstock use increasing 23 percent from a year ago. Jan-Aug SBO use is up 19 percent from the same period in 2021. For the month of August, canola accounted for roughly 6 percent of the combined feedstock use (Jan-Aug 5%). Feedback welcome.
- StoneX estimated the US soybean crop at 4.413 billion bushels from previous 4.442 billion (50.9 versus 51.3 previous). USDA is at 4.313 billion. We are using 4.309 billion.

**Terry Reilly** Grain Research

Futures International | One Lincoln Centre, Suite 1450

18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

W: 312.604.1366 | [treilly@futures-int.com](mailto:treilly@futures-int.com)



- Argentina sold 71 percent of their 44 million ton soybean crop . October 20-26 sales were 323,100 tons, up from 164,000 tons previous week.
- CBOT deliveries for November soybeans were 401 contracts with no major commercial stoppers.
- China plans to auction off 500,000 tons of soybeans from reserves on November 11.

#### Export Developments

- None reported

Soybeans		Change	Soybean Meal		Change	Soybean Oil		Change
NOV2	1440.00	4.25	DEC2	424.30	(0.50)	DEC2	75.66	2.29
JAN3	1454.50	6.75	JAN3	416.70	(1.10)	JAN3	73.32	2.26
MAR3	1462.50	8.25	MAR3	408.50	(1.50)	MAR3	71.17	2.32
MAY3	1469.50	8.50	MAY3	404.90	(1.30)	MAY3	69.48	2.30
JUL3	1472.75	9.25	JUL3	404.30	(0.90)	JUL3	67.96	2.34
AUG3	1453.50	9.25	AUG3	399.90	(0.50)	AUG3	66.71	2.35
SEP3	1416.75	9.25	SEP3	394.70	0.80	SEP3	65.61	2.25

Soybeans	Spread	Change	SoyMeal	Spread	Change	SoyOil	Spread	Change
Nov-Mar	22.50	4.00	Oct-Dec	-7.60	(0.60)	Oct-Dec	-2.34	(0.03)

Electronic Beans Crush		Oil as %	Meal/Oil \$	Meal	Oil
Month	Margin	of Oil&Meal	Con. Value	Value	Value
NOV2/DEC2	283.26	DEC2 47.13%	\$ (2,966)	933.46	832.26
JAN3	227.07	JAN3 46.80%	\$ (2,322)	916.74	806.52
MAR3	192.56	MAR3 46.56%	\$ (1,852)	898.70	782.87
MAY3	167.52	MAY3 46.18%	\$ (1,198)	890.78	764.28
JUL3	140.84	JUL3 45.67%	\$ (346)	889.46	747.56
AUG3	136.55	AUG3 45.48%	\$ (36)	879.78	733.81
SEP3	149.54	SEP3 45.39%	\$ 104	868.34	721.71
NOV3/DEC3	156.85	OCT3 45.47%	\$ (30)	854.04	712.25
JAN4	136.10	DEC3 45.25%	\$ 312	852.72	704.88
MAR4	134.58	JAN4 45.18%	\$ 432	850.74	701.03

#### US Soybean Complex Basis

OCT +150 / 180 x dn5/dn4	DECATUR	+20 f unch
NOV +218 / 130 x dn2/dn13	ILSBM (truck)	Z-5 11/1/2022
DEC +175 / 195 f unch	CIF Meal	Z+40 11/1/2022
JAN +150 / 185 f unch/up5	Oil FOB NOLA	500 10/28/2022
FEB +117 / h unch	Decatur Oil	400 10/28/2022
	BRNS HRBR	-25 x unch
	C. RAPIDS	-20 f unch

Brazil Soybeans Paranagua fob	Brazil Meal Paranagua	Brazil Oil Paranagua
DEC +240 / +250 x up10/unch	DEC +15 / +25 z dn9/dn2	NOV -1200 / -1140 z unch
FEB +60 / +100 h dn10/up4	JAN +25 / +30 f unch/dn2	DEC -1200 / -1100 z unch/up20
MCH +61 / +65 h dn2/dn3	FEB +20 / +28 f unch/dn2	JAN -1050 / -850 f unch
APR +50 / +56 k dn4/dn3	MCH +10 / +14 h up1/dn4	FEB na na
MAY +55 / +61 k dn3/dn2	APR -2 / +5 k unch/dn1	MCH -1050 / -850 f unch
Argentina meal (ST)	460 43.1	Argentina oil Spot fob 63.0 -10.36

Source: FI, DJ, Reuters & various trade sources

Updated 10/31/22

Soybeans – November is seen in a \$13.75-\$14.30 range, January \$13.25-\$15.00

**Terry Reilly** Grain Research

Futures International | One Lincoln Centre, Suite 1450

18 W 140 Butterfield Rd. | Oakbrook Terrace, Il. 60181

W: 312.604.1366 | [treilly@futures-int.com](mailto:treilly@futures-int.com)

*Soybean meal – December \$400-\$440, January \$400-\$475*  
*Soybean oil – December 71-76, January wide 64.00-74.00 range*

## **Wheat**

- CBOT wheat traded sharply lower after Russia agreed to allow grain shipping to resume across the Black Sea grain export corridor. The Russian defense ministry received written guarantees from Ukraine not to use the grain corridor for military action against Russia. Russia warned they can pull the plug at any time if they find Ukraine using the corridor for war efforts.
- Argentina may postpone wheat export licenses to ensure local supplies. We are hearing its official. The local Argentina cash price of wheat softened. Brazil is expected to turn to North American supplies to fulfill any shortfalls in imports.
- Paris December wheat was down 17 euros earlier at 341.25 euros a ton.

## **Export Developments.**

- Jordan passed on 120,000 tons of barley for March/April shipment.
- Jordan is back in for 120,000 tons of barley for March/April shipment after passing November 2.
- Today China planned to auction off 40,000 tons of wheat from state reserves.
- China plan to auction off 40,000 tons of wheat from state reserves on November 9.
- Result awaited: Iraq seeks 50,000 tons of wheat on October 30, nearly one week later than their original close date.
- Jordan issued an import tender for 120,000 tons of hard milling wheat set to close November 15 for March/April shipment.

## **Rice/Other**

- South Korea's Agro-Fisheries & Food Trade Corp. seeks 50,500 tons of rice from the US and/or EU on November 9 for arrival between February and June.

Chicago Wheat		Change	KC Wheat		Change	MN Wheat Settle		Change
DEC2	845.00	(57.50)	DEC2	941.25	(48.75)	DEC2	949.25	(40.50)
MAR3	864.00	(55.00)	MAR3	939.00	(47.50)	MAR3	960.50	(38.75)
MAY3	872.75	(52.00)	MAY3	936.50	(46.50)	MAY3	966.25	(38.00)
JUL3	873.00	(46.50)	JUL3	931.50	(41.25)	JUL3	962.75	(37.00)
SEP3	878.00	(43.50)	SEP3	929.50	(39.50)	SEP3	937.25	(30.00)
DEC3	886.75	(40.00)	DEC3	933.00	(37.50)	DEC3	937.25	(29.25)
MAR4	886.75	(37.75)	MAR4	926.50	(34.75)	MAR4	938.25	(29.25)

Chicago Rice		Change					Change	
NOV2	17.19	(0.040)	JAN3	17.59	(0.060)	MAR3	17.89	(0.060)

US Wheat Basis					
Gulf SRW Wheat		Gulf HRW Wheat		Chicago mill	
OCT	+90 / 105 z unch	OCT	+180 z unch	Toledo	-25 z unch
NOV	+95 / 110 z unch	NOV	+175 z up12	PNW US Soft White 10.5% protein BID	
DEC	+110 / 120 z unch	DEC	+163 z unch	PNW Nov	910 +15.00
0-Jan		JAN	+168 h unch	PNW Dec	910 +12.00
0-Jan		FEB	+168 h unch	PNW Jan	915 +14.00
				PNW Feb	915 +1.00

Paris Wheat		Change	OI	OI Change	World Prices \$/ton		Change
DEC2	340.75	(17.00)	135,697	(11,686)	US SRW FOB	\$405.00	\$7.40
MAR3	341.50	(15.75)	125,846	(830)	US HRW FOB	\$450.00	\$4.10
MAY3	341.00	(14.25)	59,462	543	Rouen FOB 11%	\$342.30	(\$9.00)
SEP3	324.00	(11.00)	50,759	(670)	Russia FOB 12%	\$310.00	(\$12.50)
EUR	0.9822				Ukr. FOB feed (Odessa)	\$280.00	\$0.00
					Arg. Bread FOB 12%	\$487.49	\$1.38

Source: FI, DJ, Reuters & various trade sources

Updated 10/31/22

Chicago – December \$8.50-\$9.50, March \$8.00 to \$10.00

KC – December \$9.50-\$10.25, March 8.50-\$10.50

MN – December \$9.50-\$10.30, March \$9.00 to \$10.50

**Terry Reilly** Grain Research

Futures International | One Lincoln Centre, Suite 1450

18 W 140 Butterfield Rd. | Oakbrook Terrace, IL 60181

W: 312.604.1366 | [treilly@futures-int.com](mailto:treilly@futures-int.com)

## US Weekly Ethanol By PADD

Ethanol Stocks	28-Oct	21-Oct	Change	Weekly	4-Week	YOY
	2022	2022		Percent	Percent	Percent
Total Stocks	22232	22291	(59)	-0.3%	1.7%	10.4%
East Coast PADD 1	7034	7290	(256)	-3.5%	-4.0%	22.0%
Midwest PADD 2	8279	8110	169	2.1%	5.0%	7.7%
Gulf Coast PADD 3	3823	3857	(34)	-0.9%	7.8%	8.8%
Rocky Mt. PADD 4	340	331	9	2.7%	0.9%	-0.9%
West Coast PADD 5	2756	2703	53	2.0%	-0.5%	-2.3%
Plant Production	28-Oct	21-Oct	Change	Weekly	4-Week	Percent
	2022	2022		Percent	Percent	Percent
Total Production	1040	1033	7	0.7%	11.6%	-6.1%
East Coast PADD 1	12	12	0	0.0%	20.0%	
Midwest PADD 2	981	974	7	0.7%	11.4%	-6.7%
Gulf Coast PADD 3	25	23	2	8.7%	47.1%	
Rocky Mt. PADD 4	15	15	0	0.0%	7.1%	
West Coast PADD 5	8	8	0	0.0%	0.0%	

Source: EIA and FI

Source: EIA and FI

Page 1	Weekly Ethanol Snapshot	Page 12	Net Ethanol Blend
Page 2	Ethanol Table	Page 13	Selected Commodities Indexed vs. WTI \$
Page 3	Production Chart	Page 14	Ethanol-RBOB
Page 4	Production and Stocks	Page 15	Ethanol Crush with implied costs
Page 5	Ethanol Stocks	Page 16	Chicago Ethanol with straight corn crush
Page 6	PADD Ethanol Stocks	Page 17	CBOT corn crush with IL DDGS
Page 7	Gasoline Ethanol Stocks	Page 18	Disclaimer
Page 8	Gasoline Supplied		
Page 9	Ethanol Imports		
Page 10	US Annualized Implied Corn Use		
Page 11	Net Ethanol Consumption		

Source: Reuters, Bloomberg, EIA, CME and FI

Created by Terry Reilly

Futures International

[treilly@futures-int.com](mailto:treilly@futures-int.com)

## US Weekly Petroleum Status Report

	Ethanol Production 000 Barrels Per Day	Change from Last Week	Change from Last Month	Change from Last Year	Ethanol Stocks 000 Barrels	Change from Last Week	Change from Last Month	Change from Last Year	Days of Ethanol Inventory
3/4/2022	1028	31	3.4%	9.6%	25,271	338	1.9%	14.5%	24.3
3/11/2022	1026	(2)	1.7%	5.7%	25,945	674	1.8%	21.6%	24.6
3/18/2022	1042	16	1.8%	13.0%	26,148	203	2.5%	19.9%	24.9
3/25/2022	1036	(6)	3.9%	7.4%	26,529	381	6.4%	25.6%	25.2
4/1/2022	1003	(33)	-2.4%	2.9%	25,903	(626)	2.5%	25.5%	26.4
4/8/2022	995	(8)	-3.0%	5.7%	24,803	(1100)	-4.4%	20.9%	26.0
4/15/2022	947	(48)	-9.1%	0.6%	24,342	(461)	-6.9%	19.0%	26.2
4/22/2022	963	16	-7.0%	1.9%	23,965	(377)	-9.7%	21.4%	25.3
4/29/2022	969	6	-3.4%	1.8%	23,887	(78)	-7.8%	16.9%	24.7
5/6/2022	991	22	-0.4%	1.2%	24,140	253	-2.7%	24.5%	24.1
5/13/2022	991	0	4.6%	-4.0%	23,791	(349)	-2.3%	22.4%	24.4
5/20/2022	1014	23	5.3%	0.3%	23,712	(79)	-1.1%	24.9%	23.5
5/27/2022	1071	57	10.5%	3.6%	22,961	(751)	-3.9%	17.2%	22.1
6/3/2022	1039	(32)	4.8%	-2.6%	23,636	675	-2.1%	18.4%	22.1
6/10/2022	1060	21	7.0%	3.4%	23,197	(439)	-2.5%	12.6%	22.3
6/17/2022	1055	(5)	4.0%	0.7%	23,476	279	-1.0%	11.2%	22.0
6/24/2022	1051	(4)	-1.9%	-0.7%	22,746	(730)	-0.9%	5.4%	22.3
7/1/2022	1044	(7)	0.5%	-2.2%	23,490	744	-0.6%	11.1%	21.8
7/8/2022	1005	(39)	-5.2%	-3.5%	23,606	116	1.8%	11.7%	23.4
7/15/2022	1034	29	-2.0%	0.6%	23,553	(53)	0.3%	4.6%	22.8
7/22/2022	1021	(13)	-2.9%	0.7%	23,328	(225)	2.6%	2.6%	23.1
7/29/2022	1043	22	-0.1%	3.0%	23,394	66	-0.4%	3.3%	22.4
8/5/2022	1022	(21)	1.7%	3.7%	23,256	(138)	-1.5%	4.4%	22.9
8/12/2022	983	(39)	-4.9%	1.0%	23,446	190	-0.5%	8.8%	23.7
8/19/2022	987	4	-3.3%	5.8%	23,807	361	2.1%	12.2%	23.8
8/26/2022	970	(17)	-7.0%	7.2%	23,533	(274)	0.6%	11.5%	24.5
9/2/2022	989	19	-3.2%	7.2%	23,138	(395)	-0.5%	13.5%	23.8
9/9/2022	963	(26)	-2.0%	2.8%	22,843	(295)	-2.6%	14.2%	24.0
9/16/2022	901	(62)	-8.7%	-2.7%	22,501	(342)	-5.5%	11.9%	25.4
9/23/2022	855	(46)	-11.9%	-6.5%	22,691	190	-3.6%	12.2%	26.3
9/30/2022	889	34	-10.1%	-9.1%	21,685	(1006)	-6.3%	8.8%	25.5
10/7/2022	932	43	-3.2%	-9.7%	21,863	178	-4.3%	10.2%	23.3
10/14/2022	1016	84	12.8%	-7.3%	21,844	(19)	-2.9%	8.8%	21.5
10/21/2022	1033	17	20.8%	-6.6%	22,291	447	-1.8%	11.9%	21.1
10/28/2022	1040	7	17.0%	-6.1%	22,232	(59)	2.5%	10.4%	21.4

4-week average change:

38

4-week average change:

137

YOY Δ

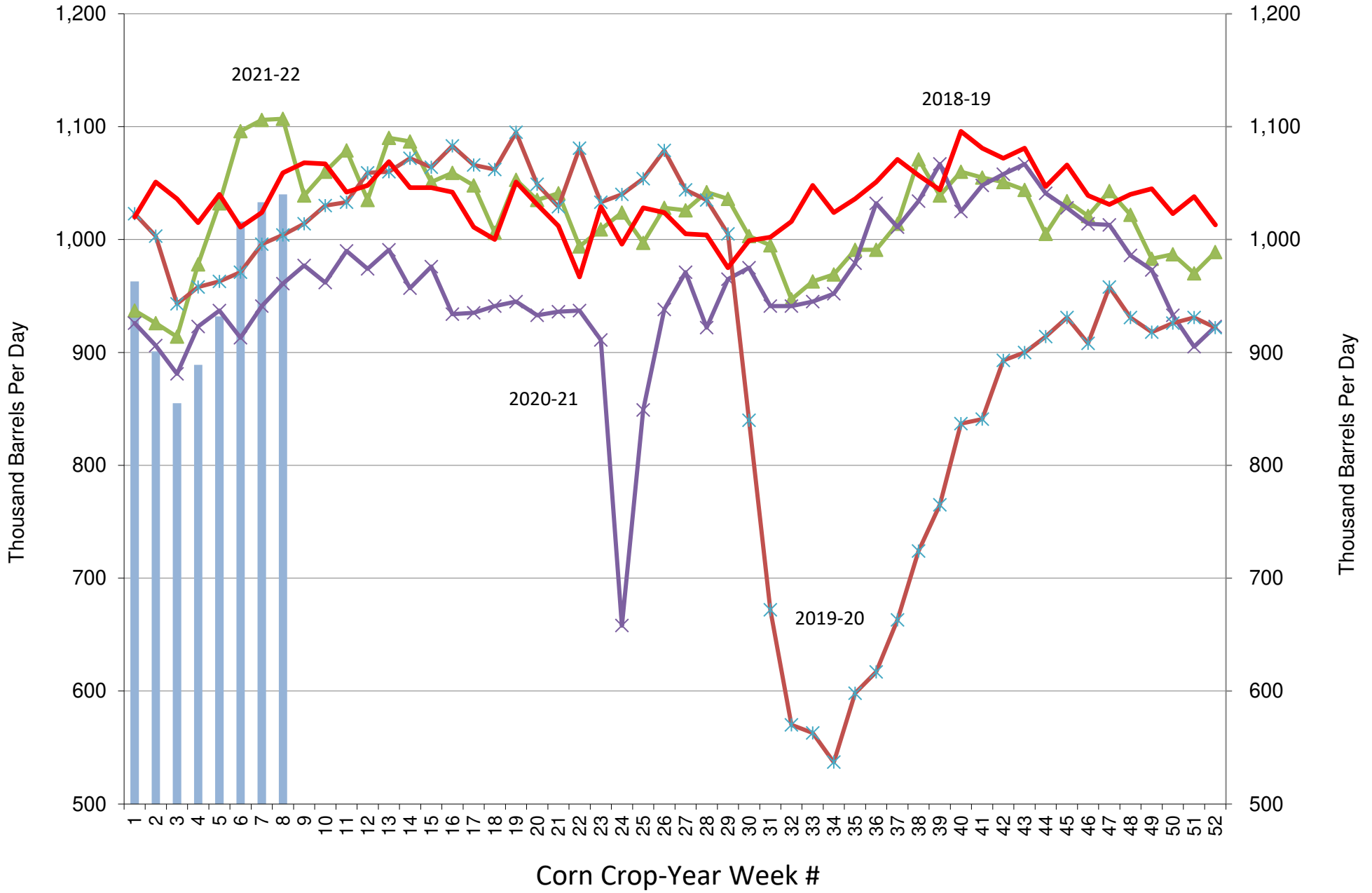
CY 21-22  
CY to Date:

1024 2021-22 season average  
938 2021-22 season average

6.8%  
-8.5%

Source: Reuters, EIA, FI

# US Weekly Ethanol Production

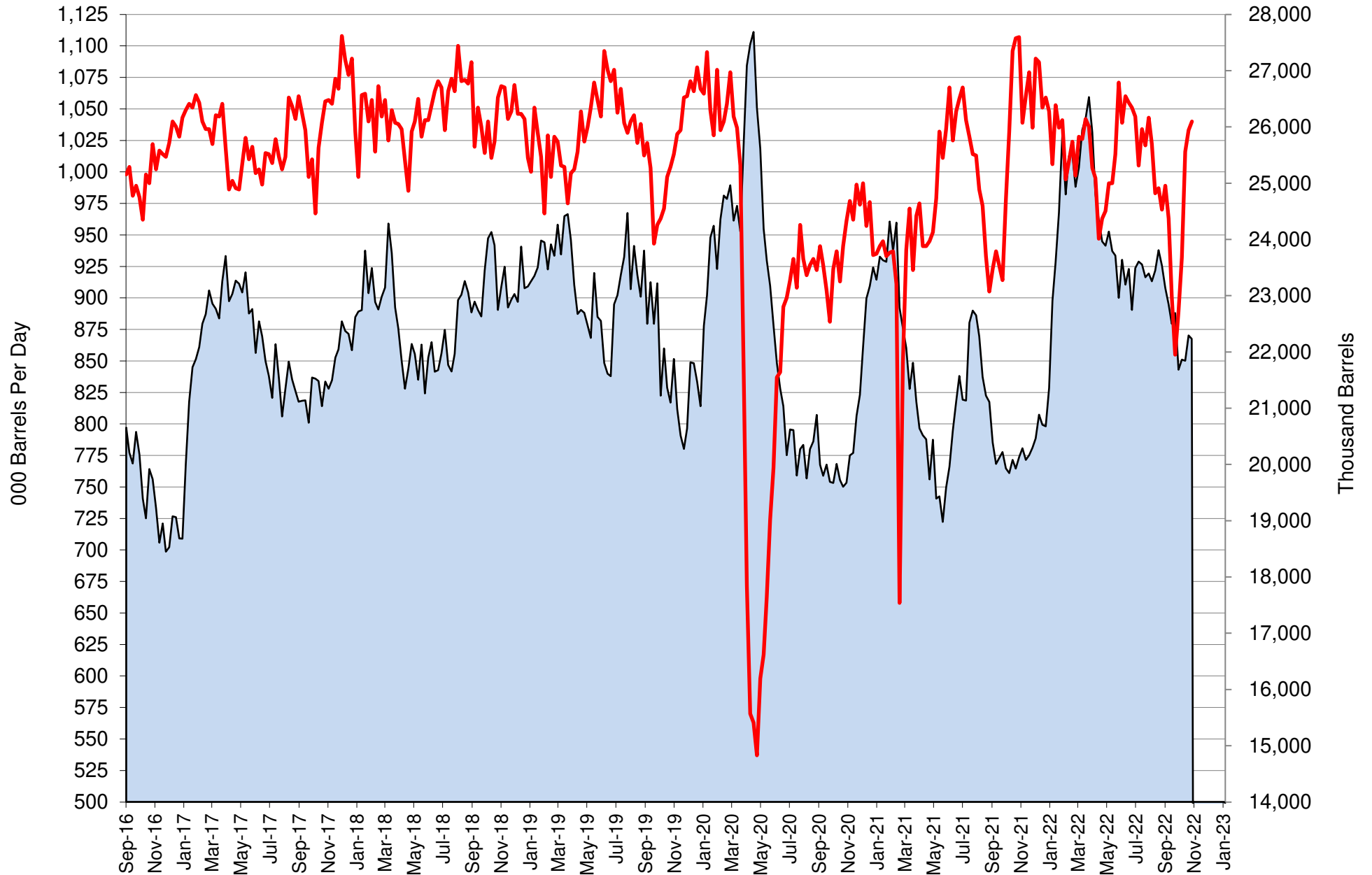


Source: EIA & FI

■ 2022-23   
 ▲ 2021-22   
 ✕ 2020-21   
 ✕ 2019-20   
 — 2018-19



# US Weekly Ethanol Production and Stocks

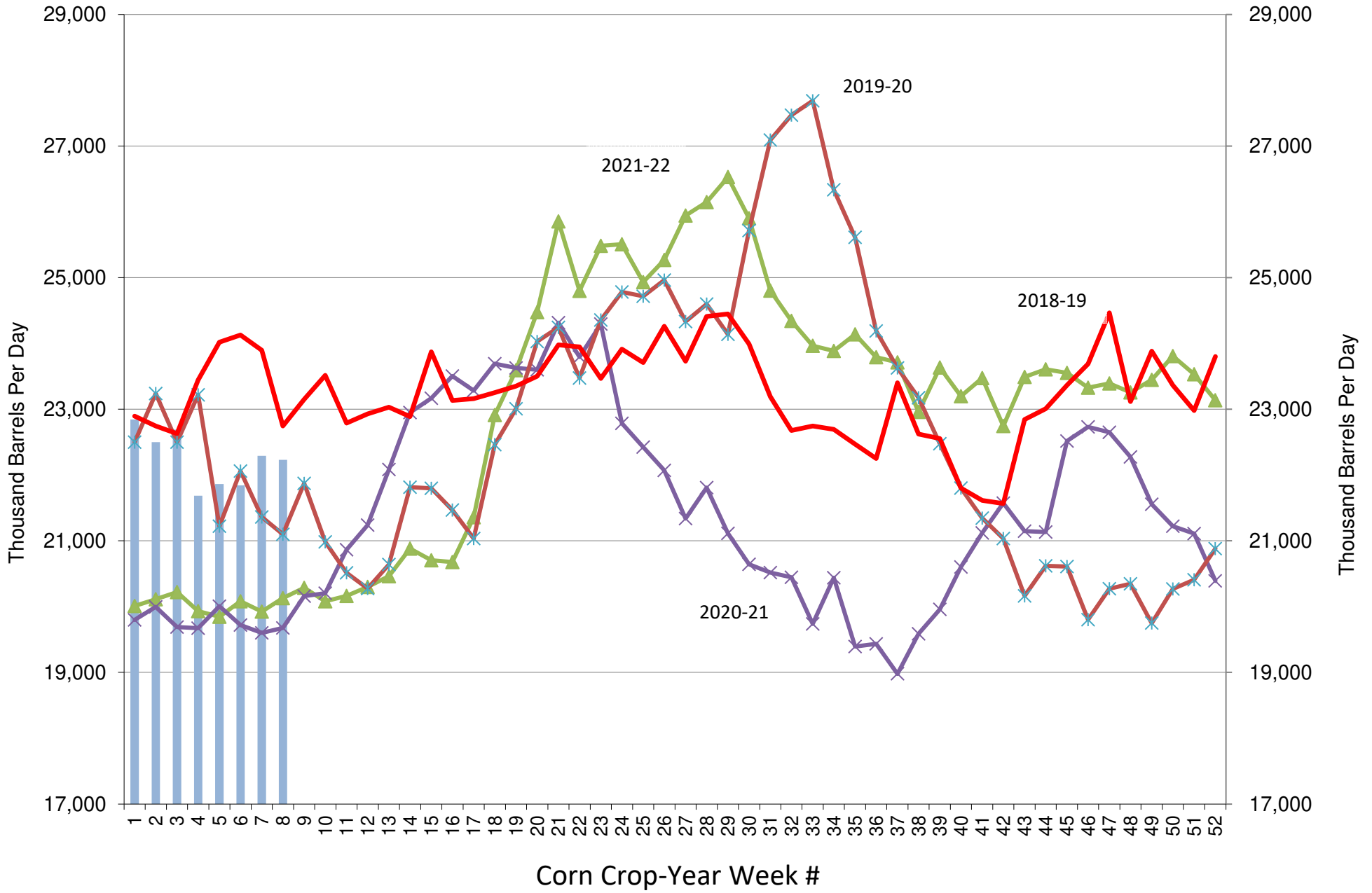


Source: EIA & FI

Stocks (1000bd)

Production (1000bd)

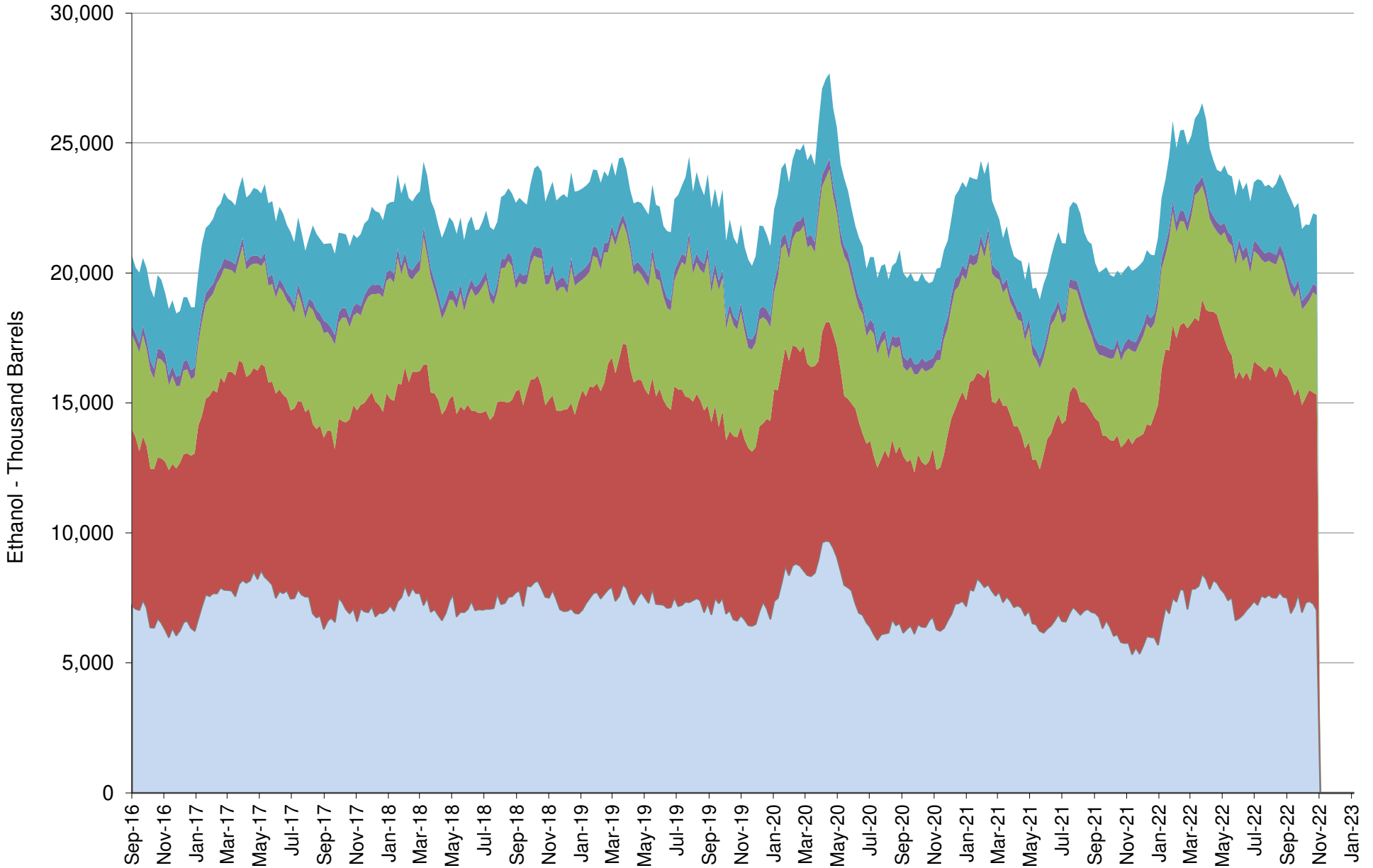
# US Weekly Ethanol Stocks (corn crop year)



Source: EIA & FI

■ 2022-23   
 ▲ 2021-22   
 × 2020-21   
 ✱ 2019-20   
 — 2018-19

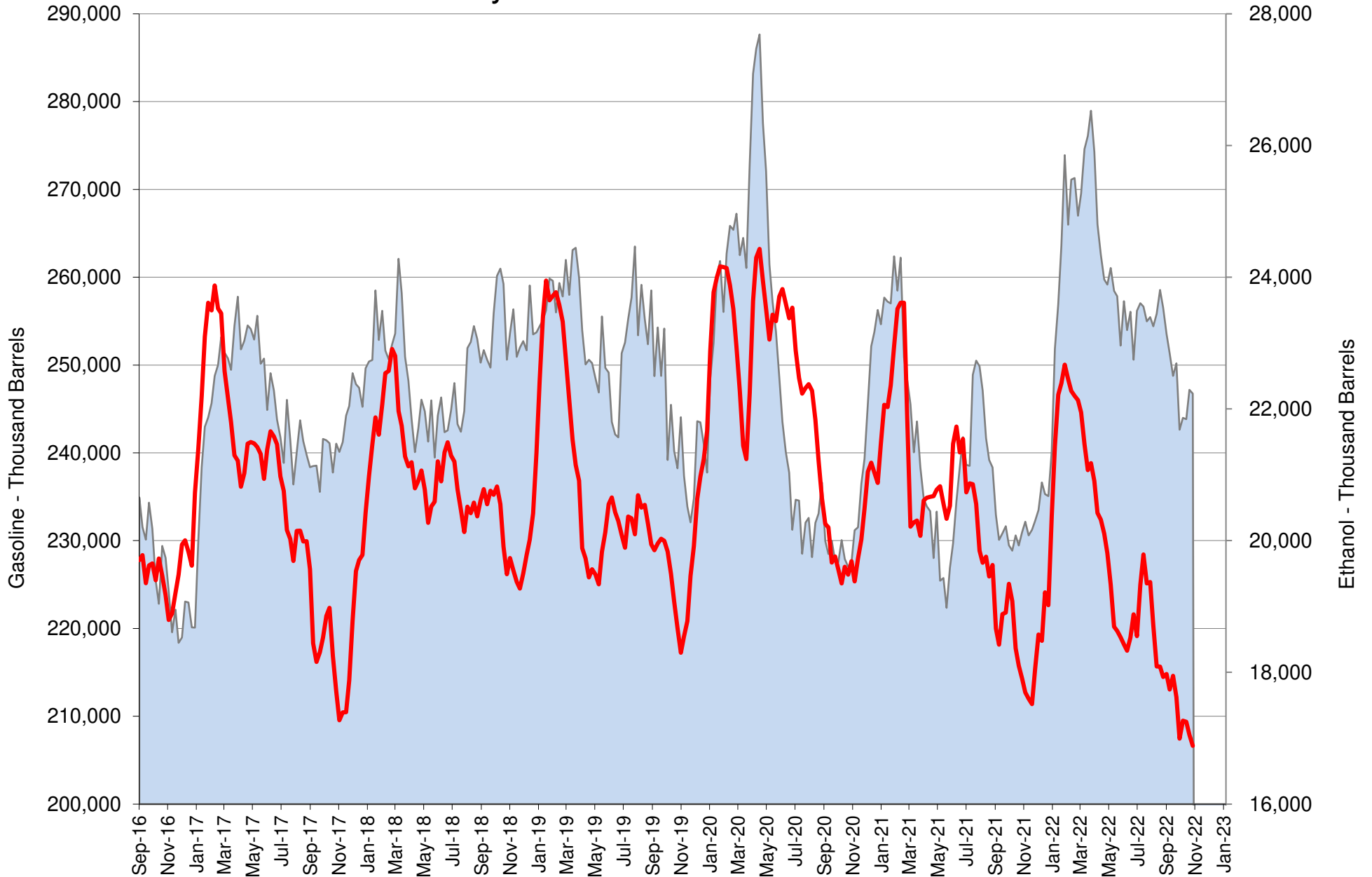
# US Weekly Ethanol Stocks by PADD



Source: EIA & FI

■ PADD1 ■ PADD2 ■ PADD3 ■ PADD4 ■ PADD5

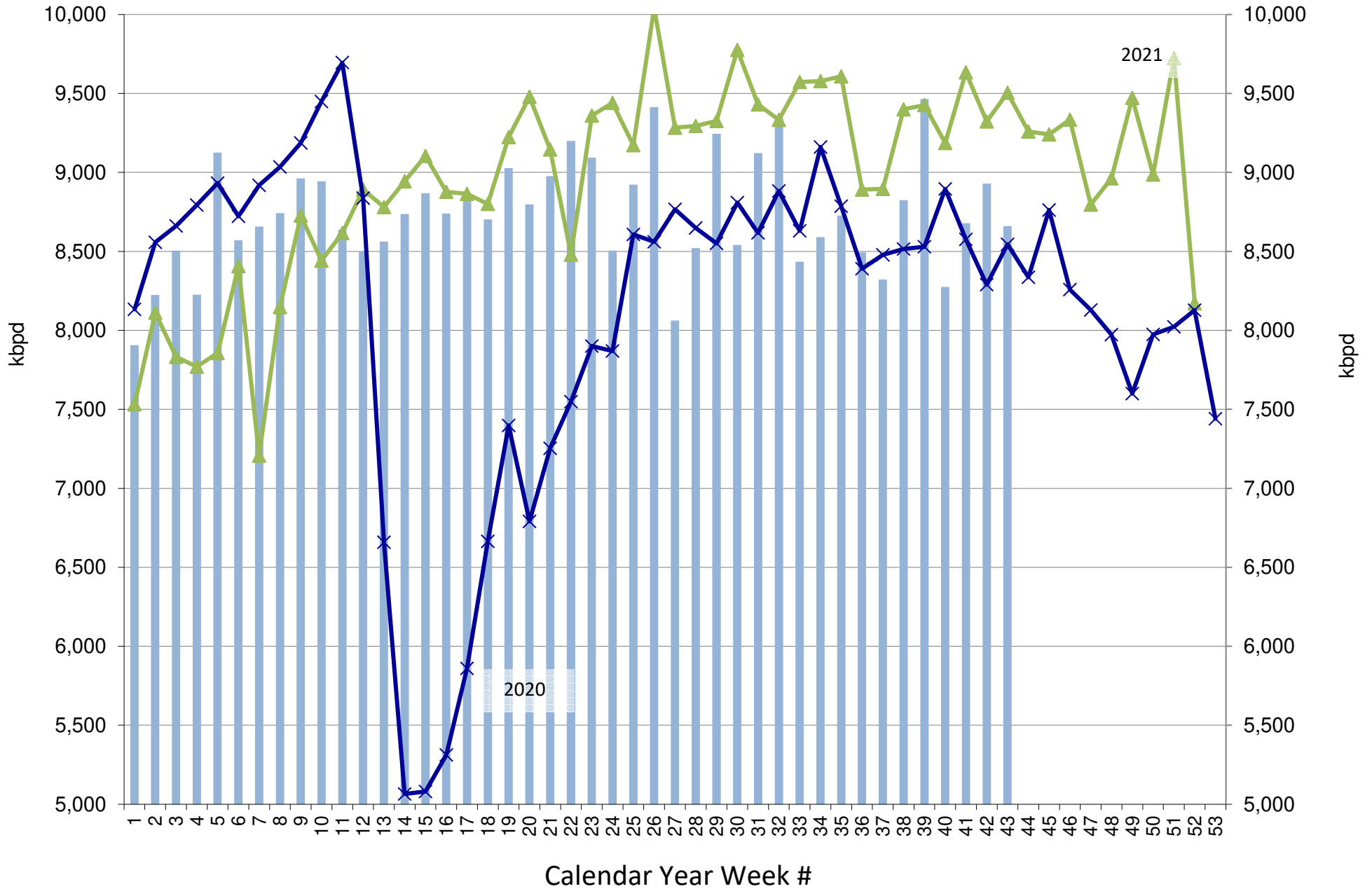
# US Weekly Gasoline and Ethanol Stocks



Source: EIA & FI

Stocks (1000bd) US Gasoline Ending Stocks (thousand barrels)

# US Weekly Gasoline Product Supplied



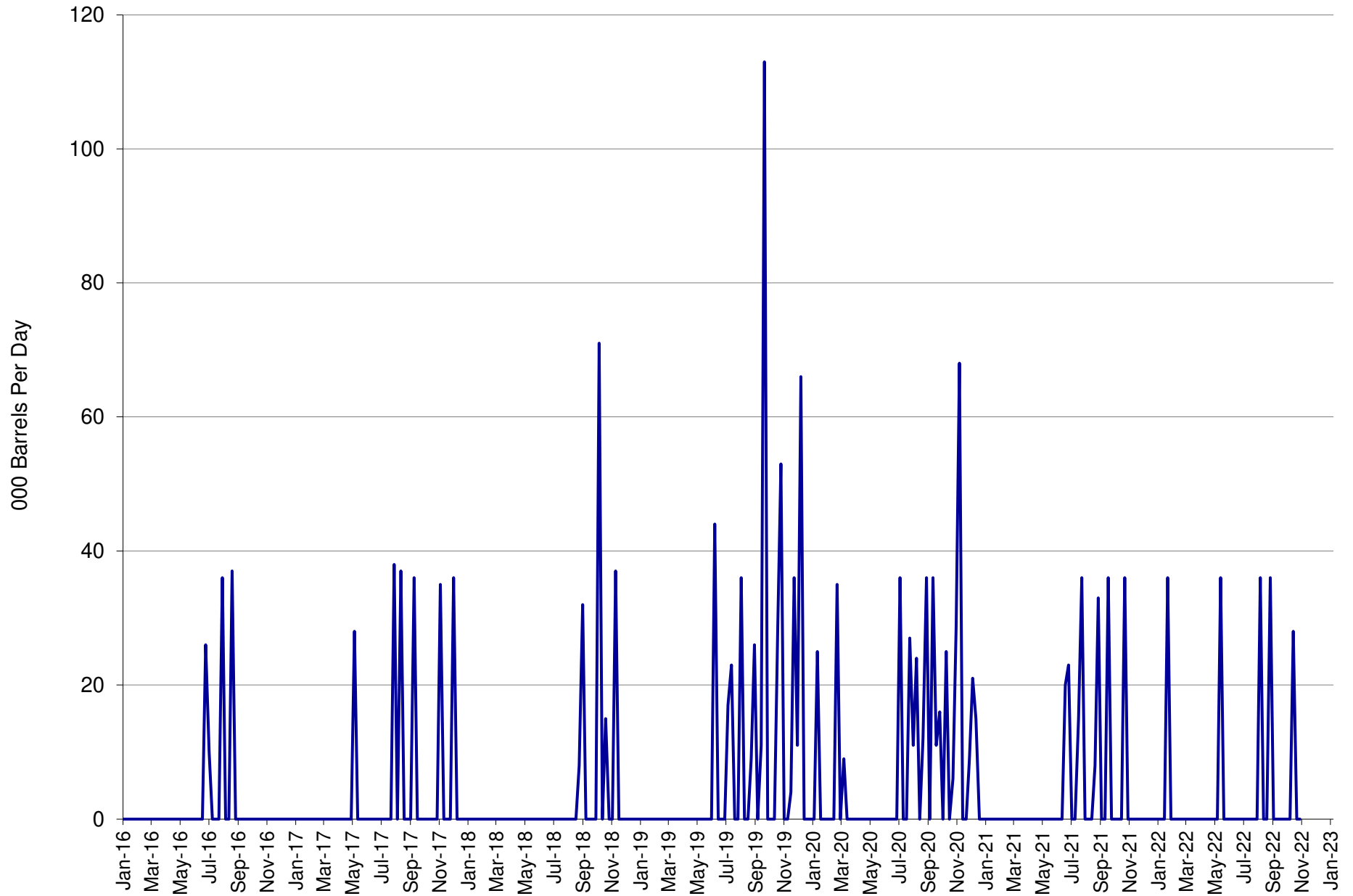
Source: EIA & FI

Gasoline Product Supplied (kbpd)

2021

2020

# US Weekly Ethanol Imports

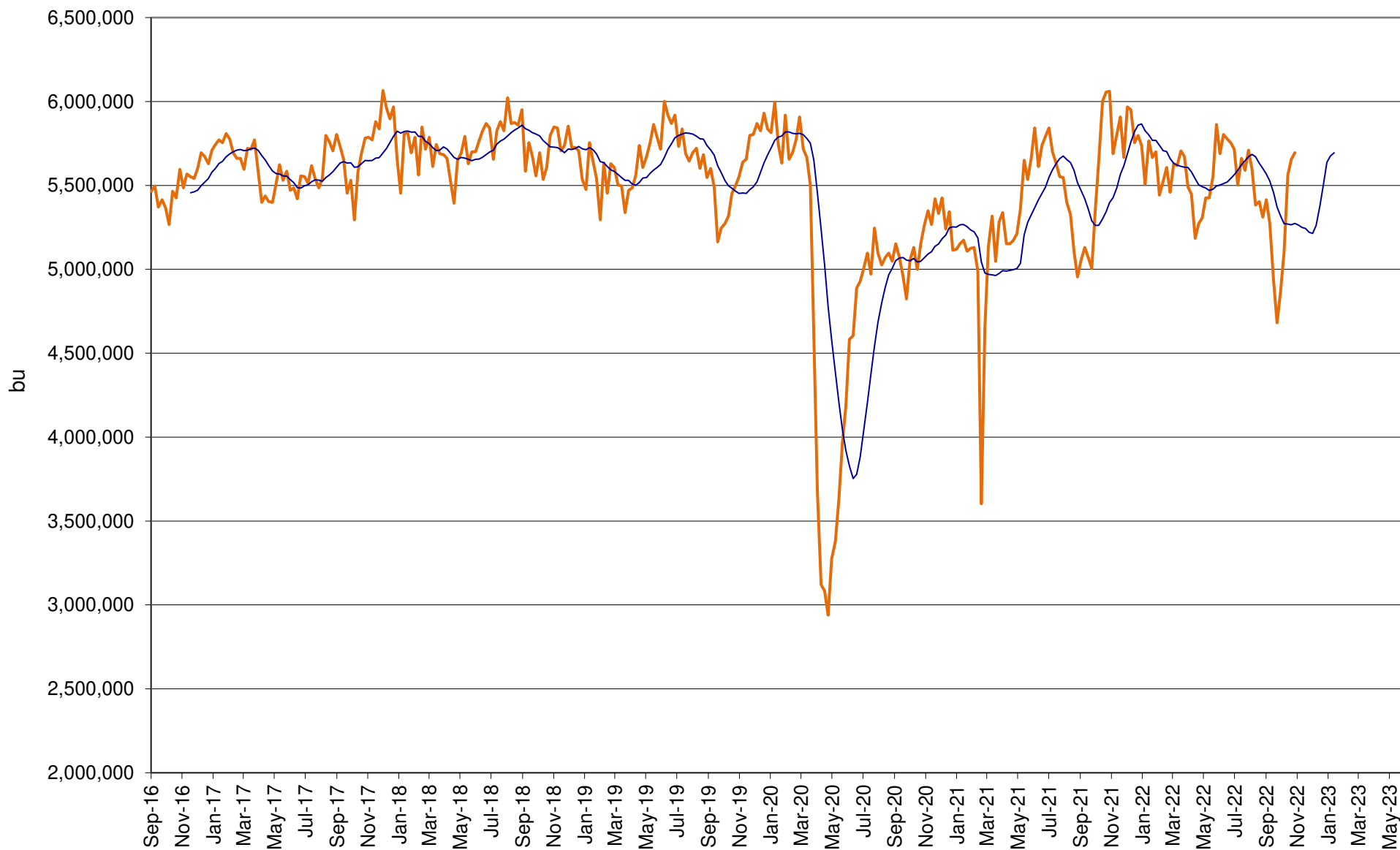


Source: EIA & FI

— Imports (BPD)



# US Annualized Implied Corn Use

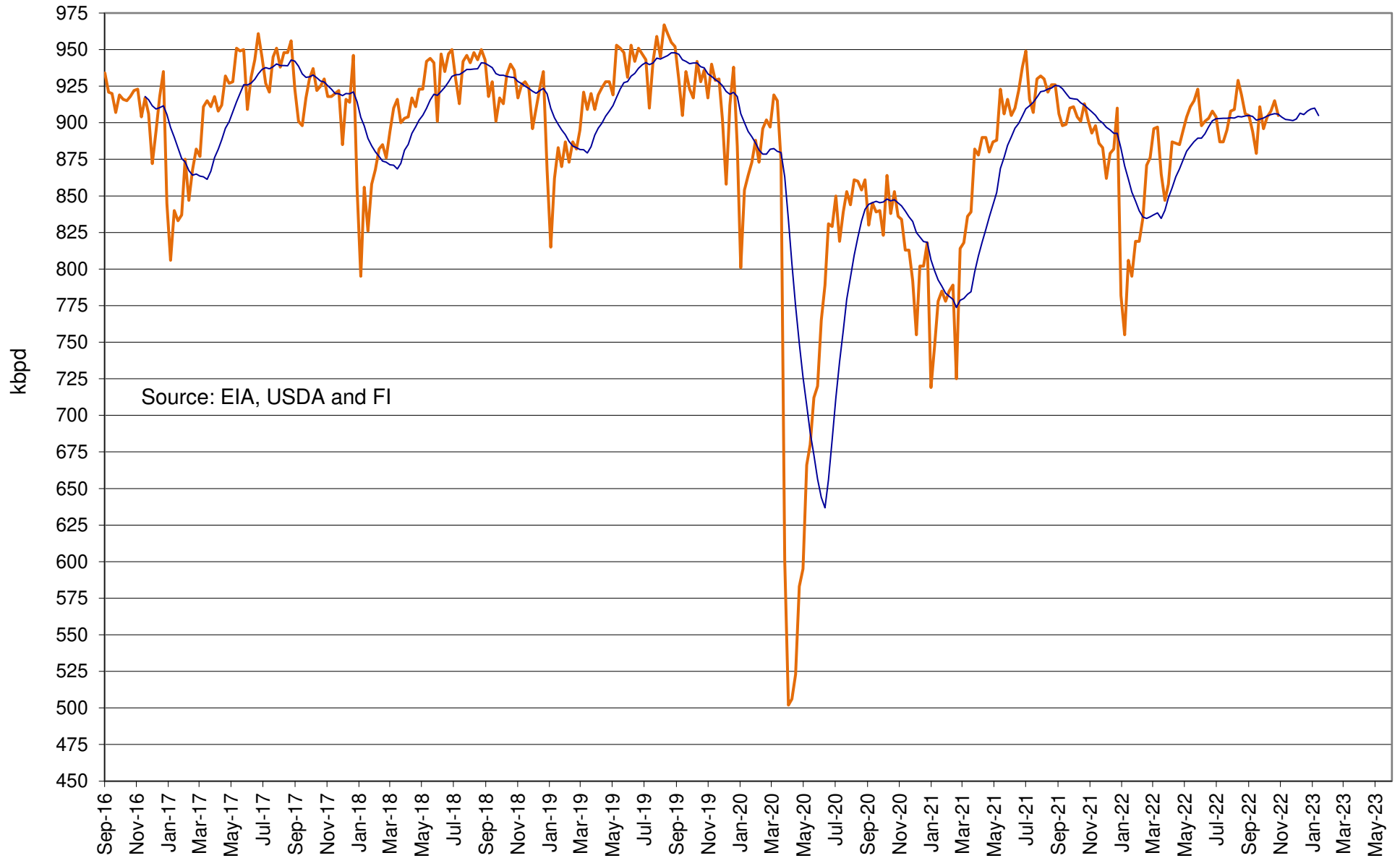


Source: EIA, USDA and FI

— US

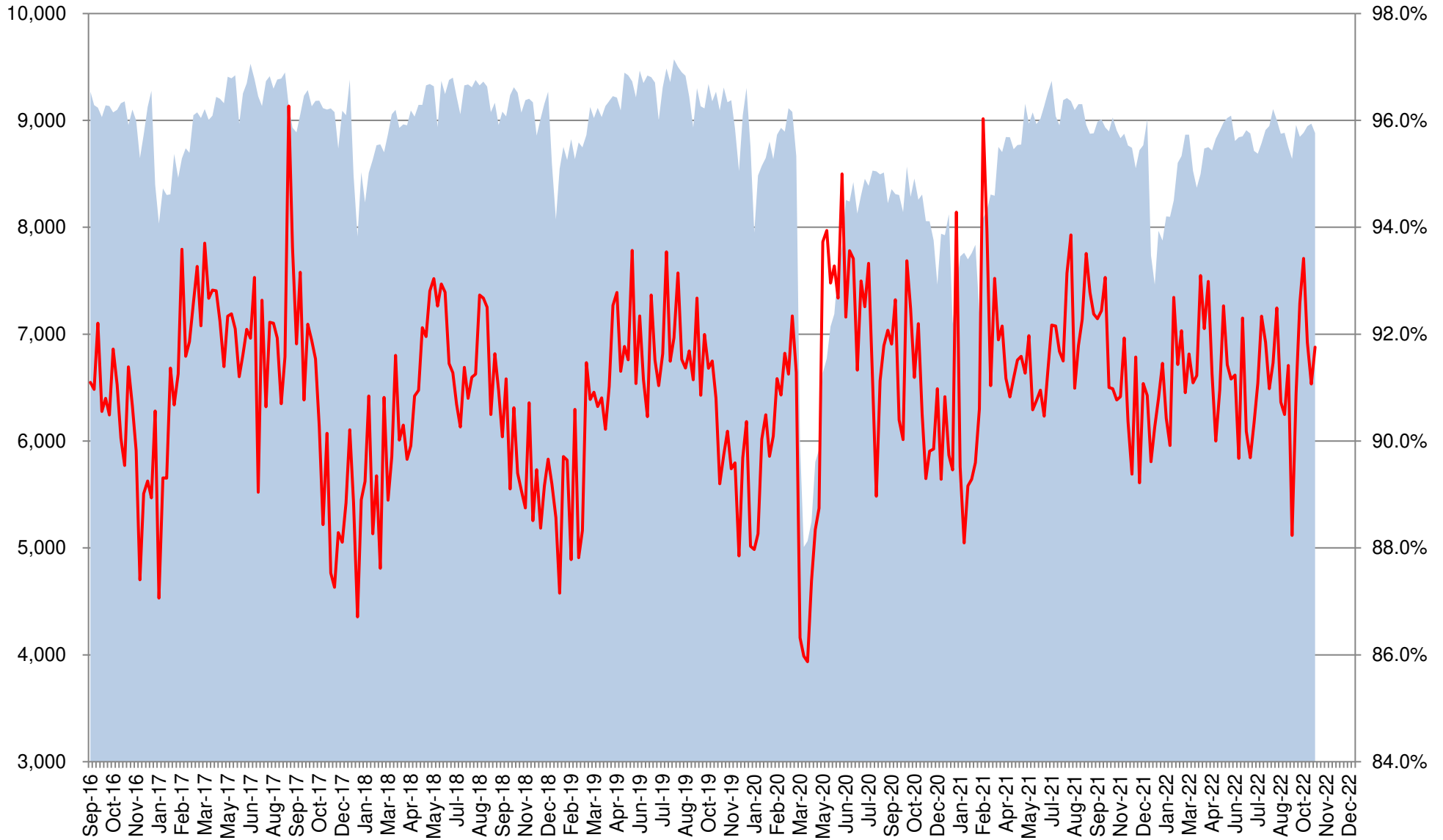
— 12 per. Mov. Avg. (US)

# Refinery and Blender Net Input of Oxygenates Fuel Ethanol



— Refinery and Blender Net Input of Oxygenates Fuel Ethanol — 12 per. Mov. Avg.

# US Net Blender Input of Fuel Ethanol and % Blend of Net Production of Finished Motor Gasoline

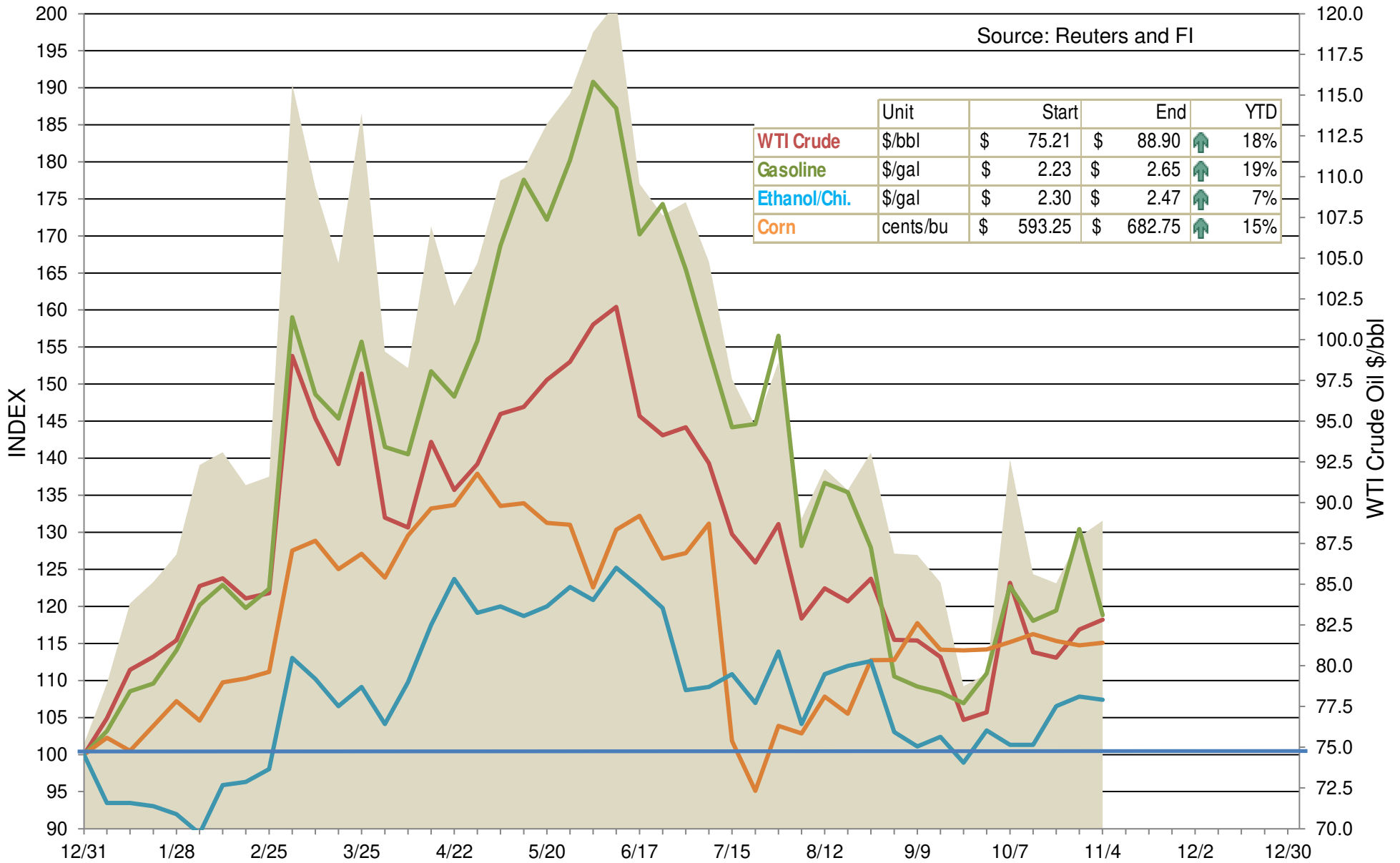


Source: EIA, USDA and FI

■ Total Blend Etoh

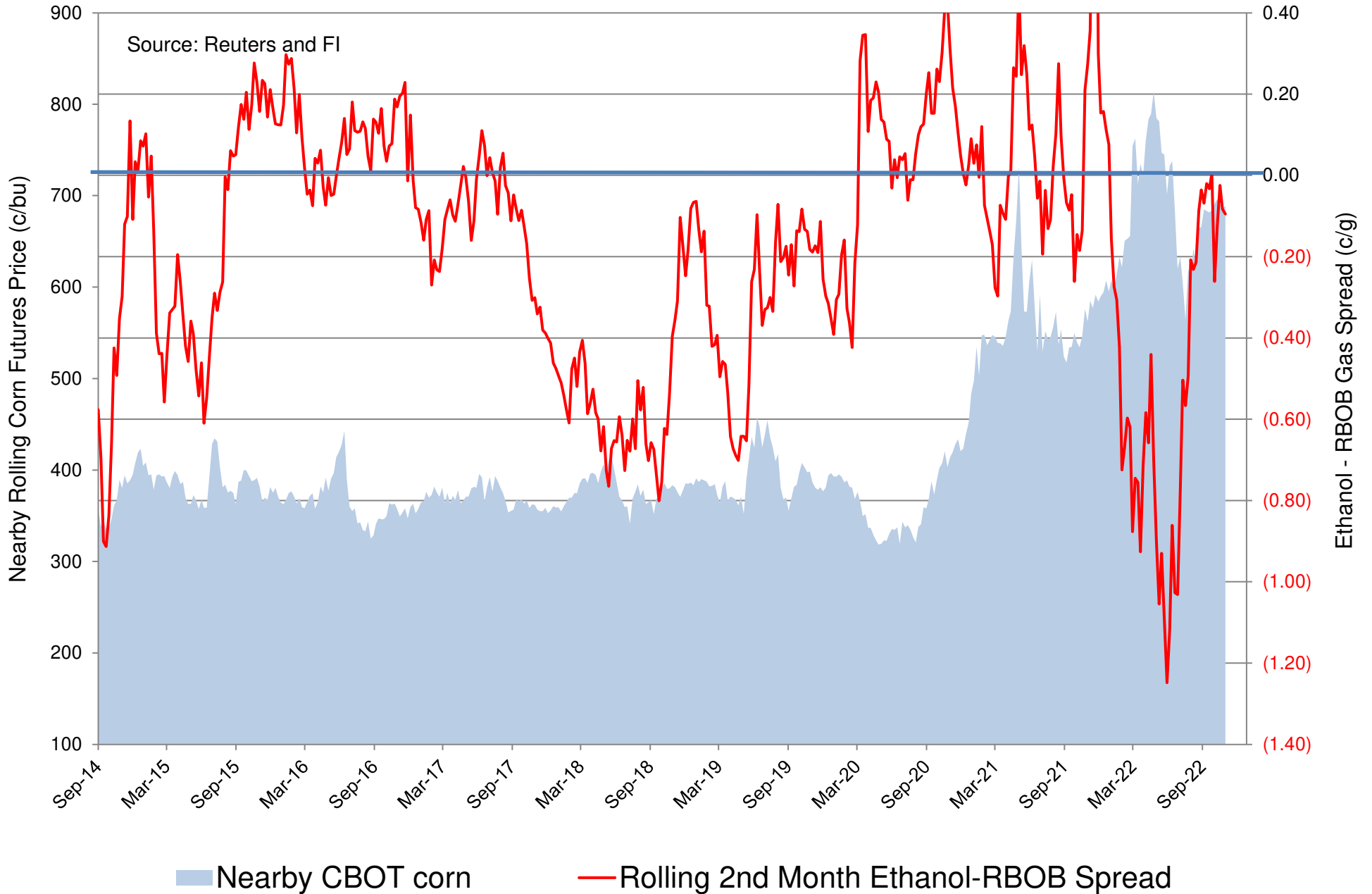
— Etoh Blend %

# Indexed Commodity Prices Starting January 2022 versus WTI Crude Nearby Futures

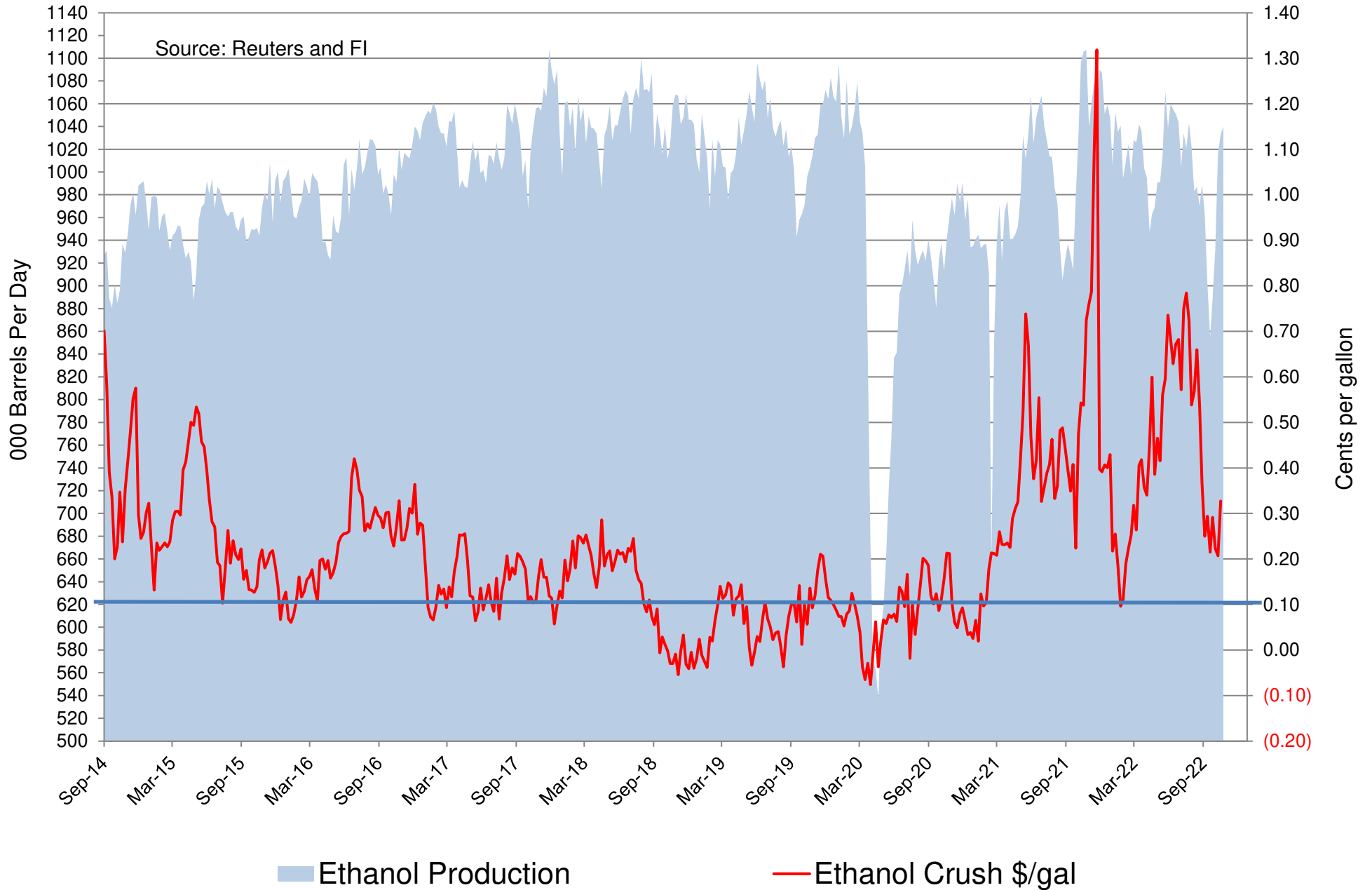


WTI Crude \$/bbl
  WTI Crude Index
  Gasoline Index
  Corn Index
  Ethanol/Chi. Index

# CBOT Second Month Corn Futures versus Second Month Ethanol - RBOB Futures Spread

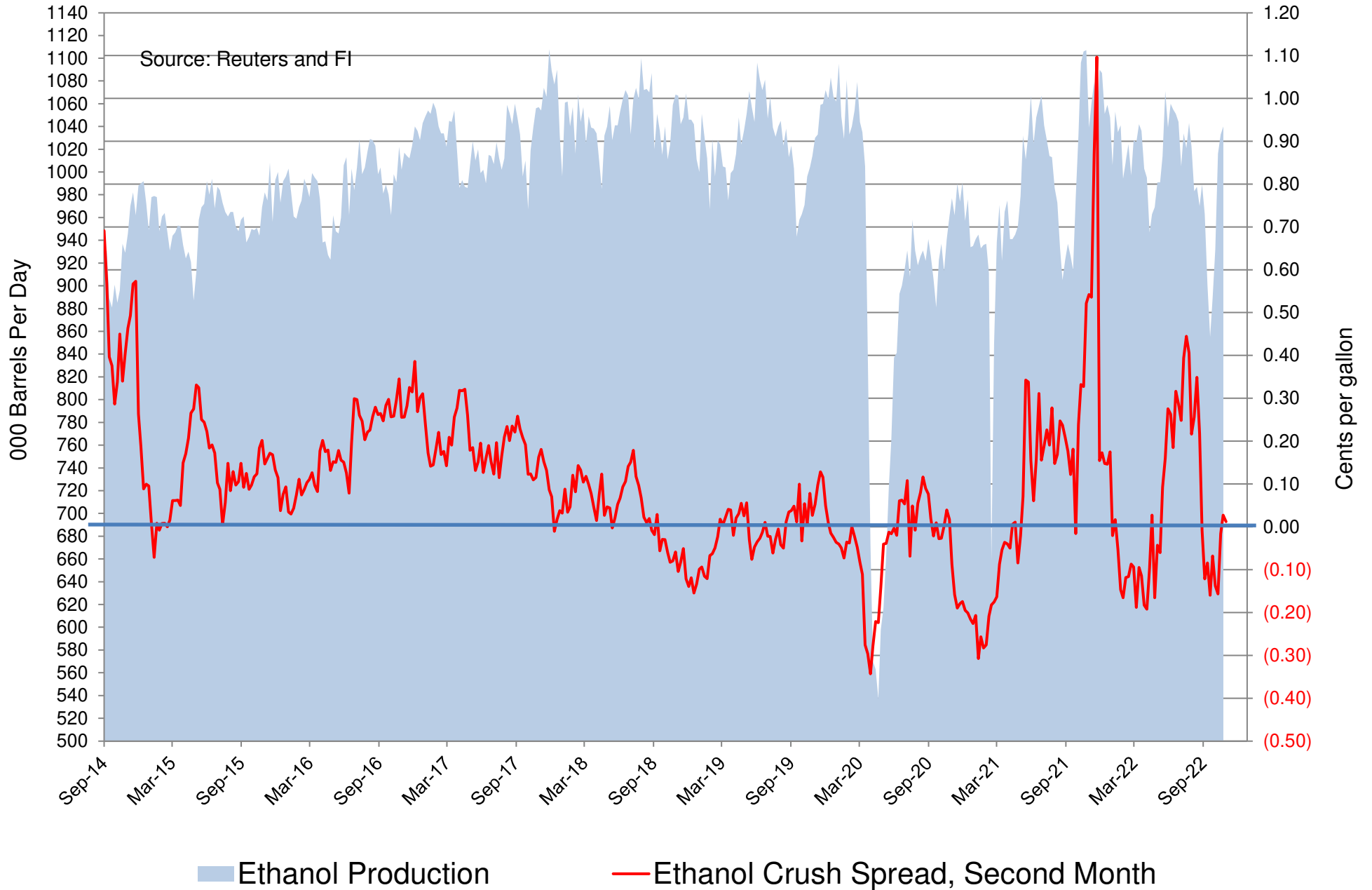


# CBOT Second Month Corn Crush Spread versus Weekly Ethanol Production (uses Chicago ethanol and IL DDGS w/ implied costs)

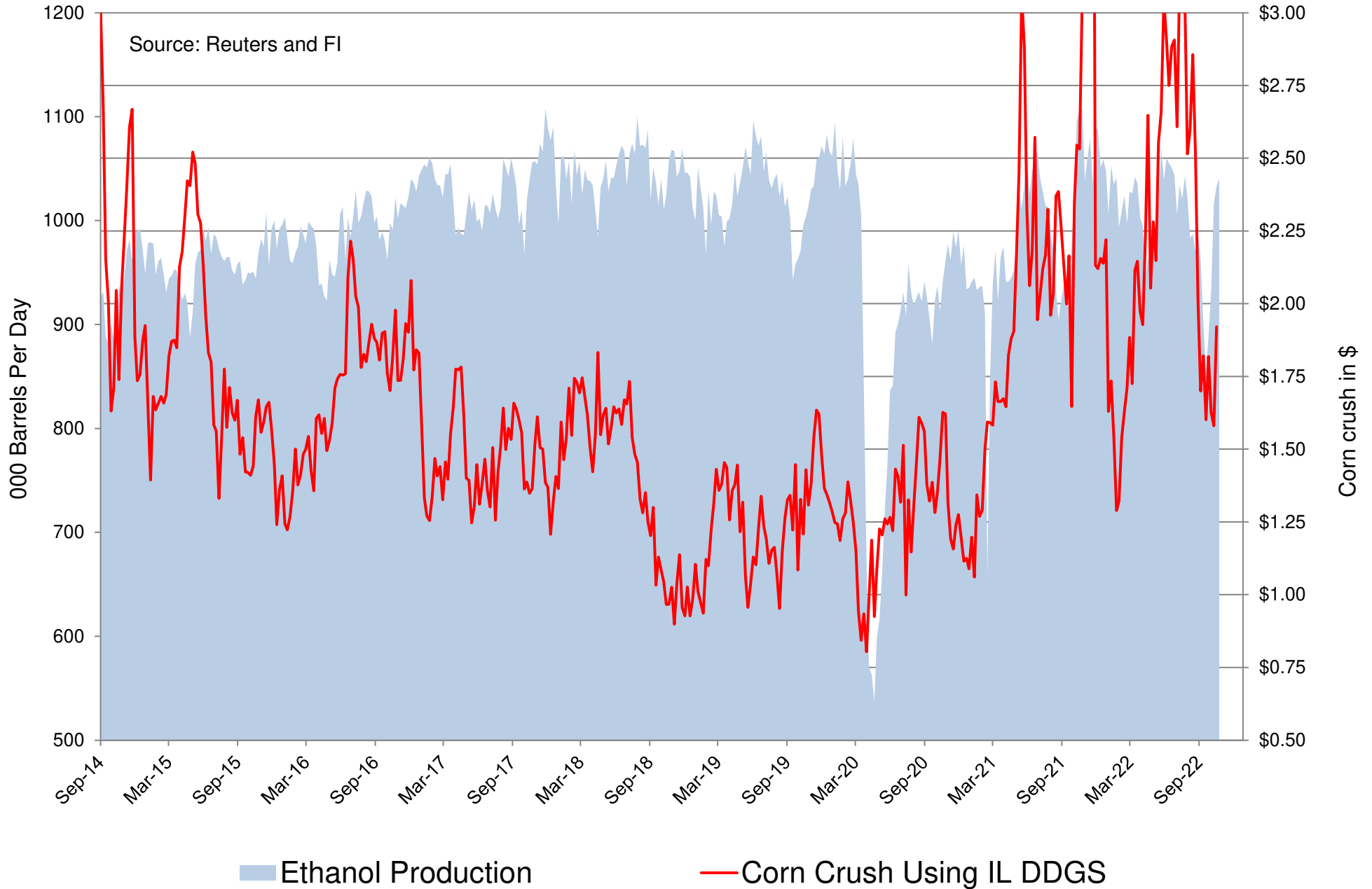




# Chicago Platts Second Month Corn Crush Spread versus Weekly Ethanol Production (Straight Calculation)



# CBOT Second Month Corn Crush Spread with IL DDGS versus Weekly Ethanol Production (straight 3-commodity calculation)



## CASH CRUSHING MARGINS

as of 11/1

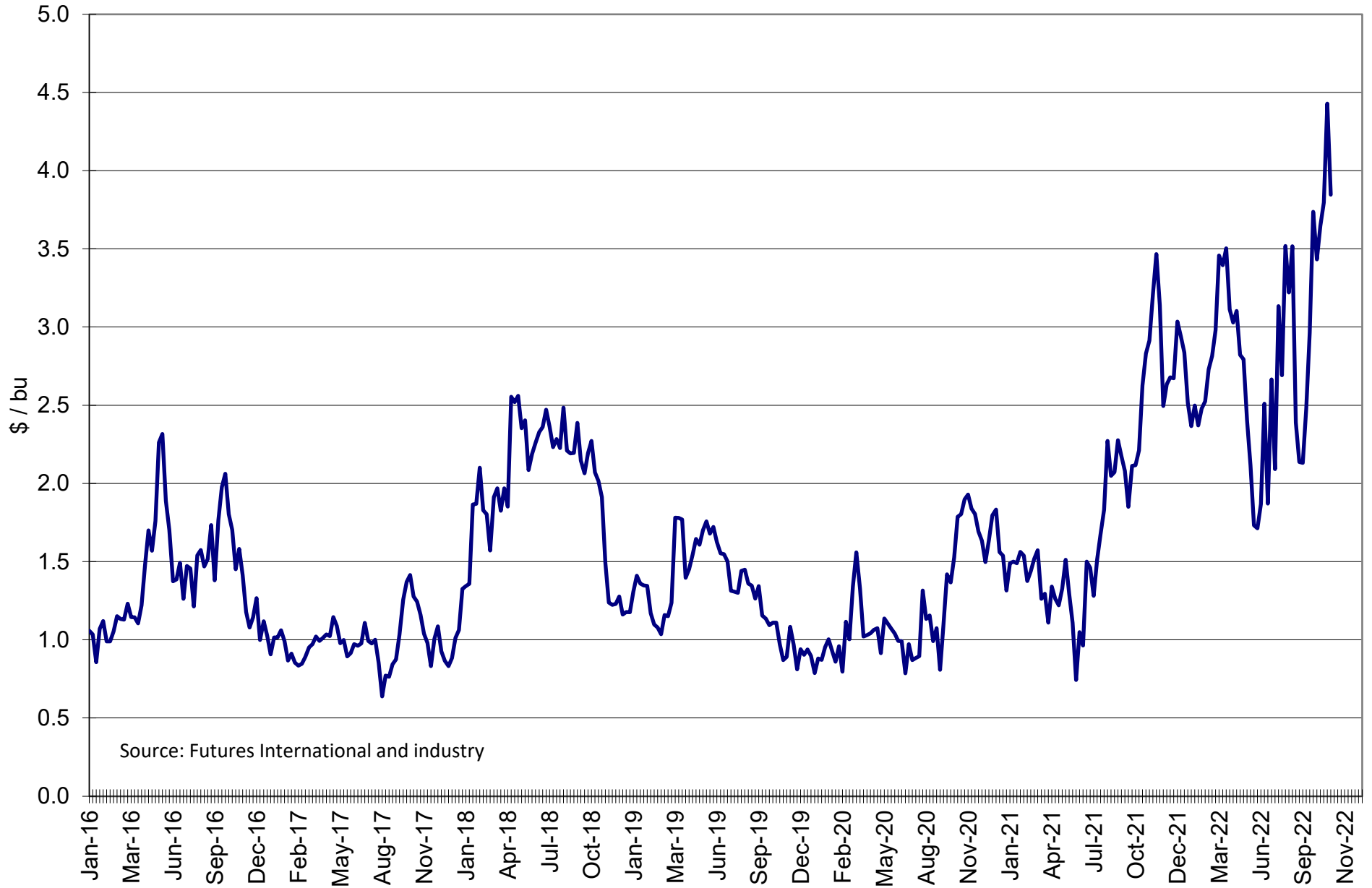
	<b>Decatur</b>	<b>Mt. Vernon</b>	<b>Sidney</b>	<b>Des Moines</b>	<b>Council Bluff</b>
	<b>Illinois</b>	<b>Indiana</b>	<b>Ohio</b>	<b>Iowa</b>	<b>Iowa</b>
Meal Basis 48%	-5	10	-2	-25	-25
Oil Basis (cents/lb)	4.00	3.50	3.50	8.00	8.00
Bean Basis (cents/bu)	20	5	-5	25	35
Meal Value (\$/bu)	9.83	10.18	9.90	9.36	9.36
Oil Value (\$/bu)	8.69	8.69	8.69	9.63	9.63
Oil % of Total Value	46.92	46.05	46.74	50.71	50.71
Cash Crush (\$/bu)	3.85	4.35	4.17	4.27	4.17

November positions for soybeans

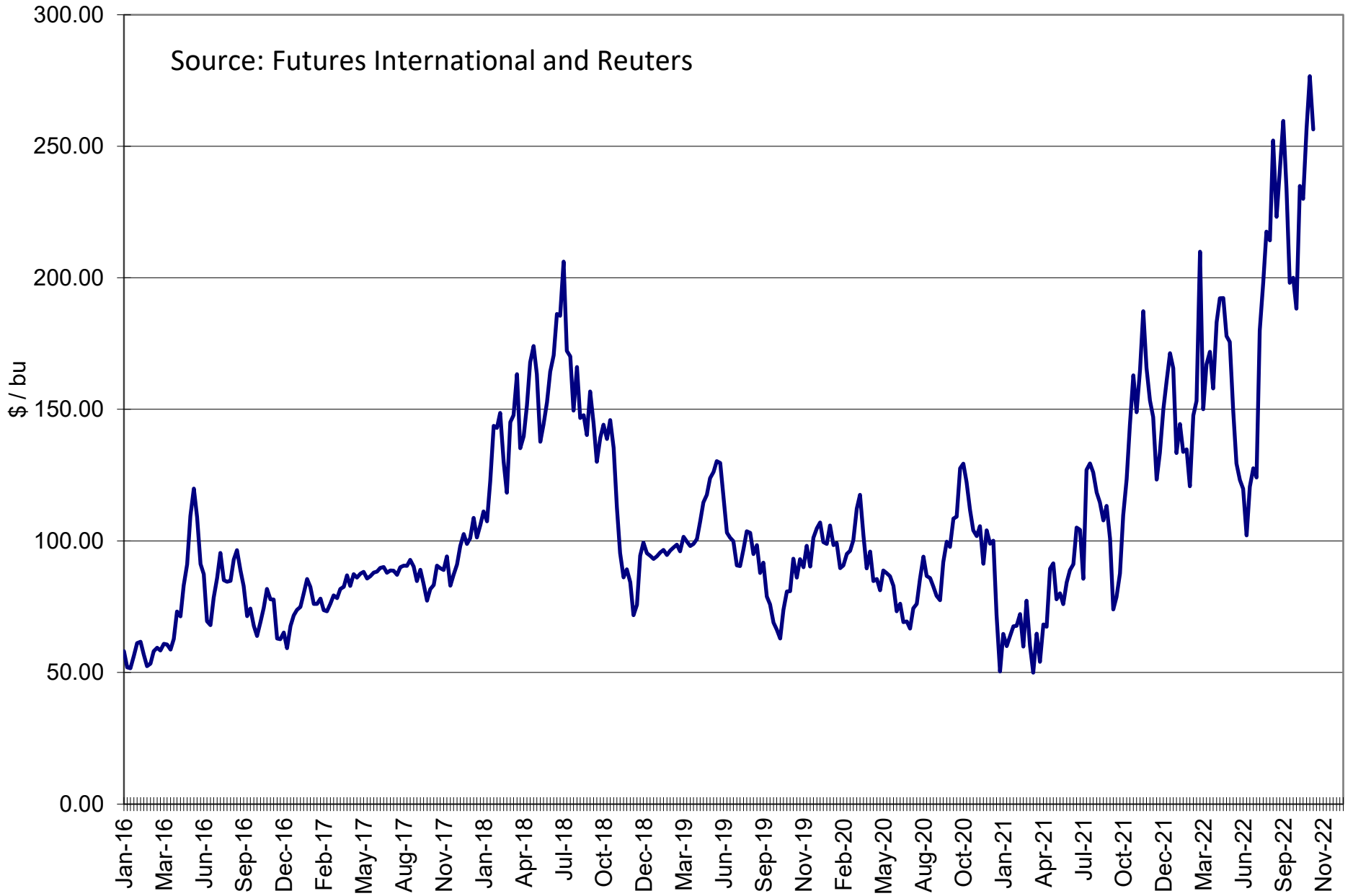
11/1/2022	3.85	4.35	4.17	4.27	4.17
10/25/2022	4.43	4.96	4.58	4.72	4.47
10/18/2022	3.80	4.58	4.00	4.48	4.10
10/11/2022	3.65	4.23	3.85	4.34	4.11
10/4/2022	3.43	3.87	3.58	4.16	4.01
9/27/2022	3.74	4.20	4.23	4.95	4.95
9/20/2022	2.96	3.33	4.63	5.41	5.26
9/13/2022	2.48	3.11	3.80	5.28	4.63
9/6/2022	2.13	2.79	4.00	4.62	4.67
8/30/2022	2.14	3.04	4.61	4.31	4.76
8/23/2022	2.39	3.00	4.60	3.99	4.54
8/16/2022	3.52	3.09	5.16	4.45	4.90
8/9/2022	3.22	2.59	4.41	4.79	4.64
8/2/2022	3.52	3.39	4.69	5.34	5.14
7/26/2022	2.69	2.43	3.59	3.79	3.79
7/19/2022	3.13	2.92	3.15	3.26	3.31
7/12/2022	2.09	2.51	2.83	2.76	3.01
7/5/2022	2.67	3.07	3.29	4.30	4.35
6/28/2022	1.87	2.65	2.44	3.92	3.82
6/21/2022	2.51	2.47	1.98	3.88	3.48
6/14/2022	1.87	1.91	1.39	3.13	2.73
6/7/2022	1.71	2.09	1.98	3.18	3.13
5/31/2022	1.73	2.00	2.05	3.27	3.10
5/24/2022	2.11	2.58	2.43	3.40	3.50
5/17/2022	2.40	2.84	2.87	3.42	3.64
5/10/2022	2.79	3.31	3.26	4.14	4.14
5/3/2022	2.82	3.37	3.32	4.15	4.24
5/3/2022	2.85	3.44	3.37	4.15	4.33

Source: FI, NOPA, various trade sources

# Decatur Illinois Cash Crush Margin



# CBOT Soybean Rolling Second Position Crush Margin



# CBOT Rolling Second Position Oil Share of Product Value Percent



## USDA Export Sales Estimates/Results in 000 tons

	ESTIMATED 10/27/2022			10/20/2022 Last Week			10/28/2021 Year Ago		
<b>Beans</b>	22/23	900-1250		22/23	1,026.4		21/22	1,863.9	
	n/c	0.0		23/24	0.0		22/23	0.0	
					Sales to China	1,115.6		Sales to China	1,207.3
<b>Meal</b>			Shipped			Shipped			Shipped
	22/23	200-350	100-200	22/23	217.2	138.5	20/21	226.6	211.1
	n/c	0.0		n/c	0.2		n/c	0.0	
<b>Oil</b>			Shipped			Shipped			Shipped
	22/23	0-5	0-5	22/23	2.5	1.5	20/21	11.2	10.2
	n/c	0.0		n/c	0.0		n/c	0.0	
					Sales to China	0.0		Sales to China	0.0
<b>Corn</b>	22/23	300-600		22/23	264.1		21/22	1,223.8	
	n/c	0.0		23/24	0.0		22/23	0.6	
					Sales to China	157.8		Sales to China	0.0
<b>Wheat</b>	22/23	250-450		22/23	533.2		22/23	400.1	
	n/c	0.0		n/c	0.0		22/23	0.0	

o/c=Old Crop, n/c= New Crop

Source: Futures International and USDA

## Traditional Daily Estimate of Funds 11/1/22

(Neg)-"Short" Pos-"Long"

	Corn	Bean	Chi. Wheat	Meal	Oil
<b>Est.</b>	<b>336.8</b>	<b>79.4</b>	<b>10.1</b>	<b>118.1</b>	<b>98.2</b>
2-Nov	(8.0)	3.0	(20.0)	(1.0)	6.0
3-Nov					
4-Nov					
7-Nov					
8-Nov					
<b>FI Est. of Futures Only 11/1/22</b>	<b>328.8</b>	<b>82.4</b>	<b>(9.9)</b>	<b>117.1</b>	<b>104.2</b>
<b>FI Est. Futures &amp; Options</b>	<b>311.8</b>	<b>87.8</b>	<b>(14.1)</b>	<b>109.6</b>	<b>104.5</b>
Futures only record long "Traditional Funds"	547.7 1/26/2021	280.9 11/10/2020	86.5 8/7/2018	167.5 5/1/2018	160.2 11/1/2016
Futures only record short	(235.0) 6/9/2020	(118.3) 4/30/2019	(130.0) 4/25/2017	(49.5) 3/1/2016	(69.8) 9/18/2018
Futures and options record net long	557.6 1/12/2021	270.9 10/6/2020	64.8 8/7/2012	132.1 5/1/2018	159.2 1/1/2016
Futures and options record net short	(270.6) 4/26/2019	(132.0) 4/30/2019	(143.3) 4/25/2017	(64.1) 3/1/2016	(77.8) 9/18/2018

## Managed Money Daily Estimate of Funds 11/1/22

	Corn	Bean	Chi. Wheat	Meal	Oil
Latest CFTC Fut. Only	248.9	75.5	(36.8)	86.5	95.7
Latest CFTC F&O	264.4	75.4	(36.1)	86.0	95.2
FI Est. Managed Money F&O	263	100	(33)	87	106

## Index Funds Latest Positions (as of last Tuesday)

Index Futures & Options	361.5	115.5	102.5	NA	102.2
-------------------------	-------	-------	-------	----	-------

Source: Reuters, CFTC & FI (FI est. are noted with latest date)



# Disclaimer

TO CLIENTS/PROSPECTS OF FUTURES INTERNATIONAL, SEE RISK DISCLOSURE BELOW:

THIS COMMUNICATION IS CONVEYED AS A SOLICITATION FOR ENTERING INTO A DERIVATIVES TRANSACTION.

Any trading recommendations and market or other information to Customer by Futures International (FI), although based upon information obtained from sources believed by FI to be reliable may not be accurate and may be changed without notice to customer. FI makes no guarantee as to the accuracy or completeness of any of the information or recommendations furnished to Customer. Customer understands that FI, its managers, employees and/or affiliates may have a position in commodity futures, options or other derivatives which may not be consistent with the recommendations furnished by FI to Customer.

The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. In purchasing an option, the risk is limited to the premium paid, and all commissions and fees involved with the trade. When an option is shorted or written, the writer of the option has unlimited risk with respect to the option written. The use of options strategies such as a straddles and strangles involve multiple option positions and may substantially increase the amount of commissions and fees paid to execute the strategy. Option prices do not necessarily move in tandem with cash or futures prices. Each person must consider whether a particular trade, combination of trades or strategy is suitable for that person's financial means and objectives.

This material may include discussions of seasonal patterns, however, futures prices have already factored in the seasonal aspects of supply and demand, and seasonal patterns are no indication of future market trends. Finally, past performance is not indicative of future results.

This communication may contain links to third party websites which are not under the control of FI and FI is not responsible for their content. Products and services are offered only in jurisdictions where solicitation and sale are lawful, and in accordance with applicable laws and regulations in each such jurisdiction.