

# US Weekly Petroleum Status Report - Ethanol

	Ethanol Production		Change		Ethanol Stocks		Change		Days of
6/3/2022	1039	(32)	-2.6%	23,636	675	18.4%	22.1		
6/10/2022	1060	21	3.4%	23,197	(439)	12.6%	22.3		
6/17/2022	1055	(5)	0.7%	23,476	279	11.2%	22.0		
6/24/2022	1051	(4)	-0.7%	22,746	(730)	5.4%	22.3		
7/1/2022	1044	(7)	-2.2%	23,490	744	11.1%	21.8		
7/8/2022	1005	(39)	-3.5%	23,606	116	11.7%	23.4		
7/15/2022	1034	29	0.6%	23,553	(53)	4.6%	22.8		
7/22/2022	1021	(13)	0.7%	23,328	(225)	2.6%	23.1		
7/29/2022	1043	22	3.0%	23,394	66	3.3%	22.4		
8/5/2022	1022	(21)	3.7%	23,256	(138)	4.4%	22.9		

Source: EIA and FI

## US Weekly Ethanol By PADD

	5-Aug	29-Jul		Weekly	4-Week	YOY
	2022	2022	Change	Percent	Percent	Percent
<b>Ethanol Stocks</b>						
Total Stocks	23256	23394	(138)	-0.6%	-1.3%	4.4%
East Coast PADD 1	7511	7624	(113)	-1.5%	-1.1%	9.6%
Midwest PADD 2	8844	8785	59	0.7%	0.8%	8.0%
Gulf Coast PADD 3	4027	4055	(28)	-0.7%	-3.1%	5.6%
Rocky Mt. PADD 4	384	364	20	5.5%	0.8%	0.5%
West Coast PADD 5	2490	2567	(77)	-3.0%	-6.1%	-18.0%
	5-Aug	29-Jul		Weekly	4-Week	Percent
<b>Plant Production</b>	2022	2022	Change	Percent	Percent	Percent
Total Production	1022	1043	(21)	-2.0%	-1.2%	3.7%
East Coast PADD 1	12	12	0	0.0%	0.0%	
Midwest PADD 2	965	984	(19)	-1.9%	-0.8%	3.5%
Gulf Coast PADD 3	22	25	(3)	-12.0%	-15.4%	
Rocky Mt. PADD 4	14	15	(1)	-6.7%	-6.7%	
West Coast PADD 5	8	7	1	14.3%	-11.1%	

Source: EIA and FI

Source: EIA and FI

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Source: Reuters, Bloomberg, EIA, CME and FI

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# US Weekly Petroleum Status Report

	<b>Ethanol Production</b> <b>000 Barrels Per Day</b>	Change from Last Week	Change from Last Month	Change from Last Year	<b>Ethanol Stocks</b> <b>000 Barrels</b>	Change from Last Week	Change from Last Month	Change from Last Year	Days of Ethanol Inventory
7/30/2021	<b>1013</b>	(1)	-5.1%	8.8%	<b>22,649</b>	(84)	7.1%	11.3%	22.4
8/6/2021	<b>986</b>	(27)	-5.3%	7.4%	<b>22,276</b>	(373)	5.4%	12.8%	23.0
8/13/2021	<b>973</b>	(13)	-5.4%	5.1%	<b>21,558</b>	(718)	-4.3%	6.4%	22.9
8/20/2021	<b>933</b>	(40)	-8.0%	0.2%	<b>21,223</b>	(335)	-6.6%	4.0%	23.1
8/27/2021	<b>905</b>	(28)	-10.7%	-1.8%	<b>21,110</b>	(113)	-6.8%	1.1%	23.5
9/3/2021	<b>923</b>	18	-6.4%	-1.9%	<b>20,390</b>	(720)	-8.5%	2.0%	22.9
9/10/2021	<b>937</b>	14	-3.7%	1.2%	<b>20,010</b>	(380)	-7.2%	1.1%	21.8
9/17/2021	<b>926</b>	(11)	-0.8%	2.2%	<b>20,111</b>	101	-5.2%	0.6%	21.6
9/24/2021	<b>914</b>	(12)	1.0%	3.7%	<b>20,220</b>	109	-4.2%	2.7%	22.0
10/1/2021	<b>978</b>	64	6.0%	6.0%	<b>19,931</b>	(289)	-2.3%	1.3%	20.7
10/8/2021	<b>1032</b>	54	10.1%	10.1%	<b>19,847</b>	(84)	-0.8%	-0.8%	19.3
10/15/2021	<b>1096</b>	64	18.4%	20.0%	<b>20,080</b>	233	-0.2%	1.8%	18.1
10/22/2021	<b>1106</b>	10	21.0%	17.5%	<b>19,925</b>	(155)	-1.5%	1.7%	18.2
10/29/2021	<b>1107</b>	1	13.2%	15.2%	<b>20,129</b>	204	1.0%	2.3%	18.0
11/5/2021	<b>1039</b>	(68)	0.7%	6.3%	<b>20,286</b>	157	2.2%	0.6%	19.4
11/12/2021	<b>1060</b>	21	-3.3%	10.2%	<b>20,081</b>	(205)	0.0%	-0.6%	19.1
11/19/2021	<b>1079</b>	19	-2.4%	9.0%	<b>20,164</b>	83	1.2%	-3.4%	18.6
11/26/2021	<b>1035</b>	(44)	-6.5%	6.3%	<b>20,301</b>	137	0.9%	-4.4%	19.5
12/3/2021	<b>1090</b>	55	4.9%	10.0%	<b>20,464</b>	163	0.9%	-7.3%	18.6
12/10/2021	<b>1087</b>	(3)	2.5%	13.6%	<b>20,883</b>	419	4.0%	-9.0%	18.8
12/17/2021	<b>1051</b>	(36)	-2.6%	7.7%	<b>20,705</b>	(178)	2.7%	-10.6%	19.9
12/24/2021	<b>1059</b>	8	2.3%	13.4%	<b>20,676</b>	(29)	1.8%	-12.0%	19.6
12/31/2021	<b>1048</b>	(11)	-3.9%	12.1%	<b>21,359</b>	683	4.4%	-8.3%	19.7
1/7/2022	<b>1006</b>	(42)	-7.5%	6.9%	<b>22,911</b>	1552	9.7%	-3.3%	21.2
1/14/2022	<b>1053</b>	47	0.2%	11.4%	<b>23,592</b>	681	13.9%	-0.2%	21.8
1/21/2022	<b>1035</b>	(18)	-2.3%	10.9%	<b>24,476</b>	884	18.4%	3.7%	22.8
1/28/2022	<b>1041</b>	6	-0.7%	11.2%	<b>25,854</b>	1378	21.0%	6.3%	23.5
2/4/2022	<b>994</b>	(47)	-1.2%	6.1%	<b>24,799</b>	(1055)	8.2%	4.2%	26.0
2/11/2022	<b>1009</b>	15	-4.2%	10.8%	<b>25,483</b>	684	8.0%	4.9%	24.6
2/18/2022	<b>1024</b>	15	-1.1%	55.6%	<b>25,507</b>	24	4.2%	11.9%	24.9
2/25/2022	<b>997</b>	(27)	-4.2%	17.4%	<b>24,933</b>	(574)	-3.6%	11.2%	25.6
3/4/2022	<b>1028</b>	31	3.4%	9.6%	<b>25,271</b>	338	1.9%	14.5%	24.3
3/11/2022	<b>1026</b>	(2)	1.7%	5.7%	<b>25,945</b>	674	1.8%	21.6%	24.6
3/18/2022	<b>1042</b>	16	1.8%	13.0%	<b>26,148</b>	203	2.5%	19.9%	24.9
3/25/2022	<b>1036</b>	(6)	3.9%	7.4%	<b>26,529</b>	381	6.4%	25.6%	25.2
4/1/2022	<b>1003</b>	(33)	-2.4%	2.9%	<b>25,903</b>	(626)	2.5%	25.5%	26.4
4/8/2022	<b>995</b>	(8)	-3.0%	5.7%	<b>24,803</b>	(1100)	-4.4%	20.9%	26.0
4/15/2022	<b>947</b>	(48)	-9.1%	0.6%	<b>24,342</b>	(461)	-6.9%	19.0%	26.2
4/22/2022	<b>963</b>	16	-7.0%	1.9%	<b>23,965</b>	(377)	-9.7%	21.4%	25.3
4/29/2022	<b>969</b>	6	-3.4%	1.8%	<b>23,887</b>	(78)	-7.8%	16.9%	24.7
5/6/2022	<b>991</b>	22	-0.4%	1.2%	<b>24,140</b>	253	-2.7%	24.5%	24.1
5/13/2022	<b>991</b>	0	4.6%	-4.0%	<b>23,791</b>	(349)	-2.3%	22.4%	24.4
5/20/2022	<b>1014</b>	23	5.3%	0.3%	<b>23,712</b>	(79)	-1.1%	24.9%	23.5
5/27/2022	<b>1071</b>	57	10.5%	3.6%	<b>22,961</b>	(751)	-3.9%	17.2%	22.1
6/3/2022	<b>1039</b>	(32)	4.8%	-2.6%	<b>23,636</b>	675	-2.1%	18.4%	22.1
6/10/2022	<b>1060</b>	21	7.0%	3.4%	<b>23,197</b>	(439)	-2.5%	12.6%	22.3
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7/22/2022	<b>1021</b>	(13)	-2.9%	0.7%	<b>23,328</b>	(225)	2.6%	2.6%	23.1
7/29/2022	<b>1043</b>	22	-0.1%	3.0%	<b>23,394</b>	66	-0.4%	3.3%	22.4
8/5/2022	<b>1022</b>	(21)	1.7%	3.7%	<b>23,256</b>	(138)	-1.5%	4.4%	22.9

4-week average change:

4

4-week average change:

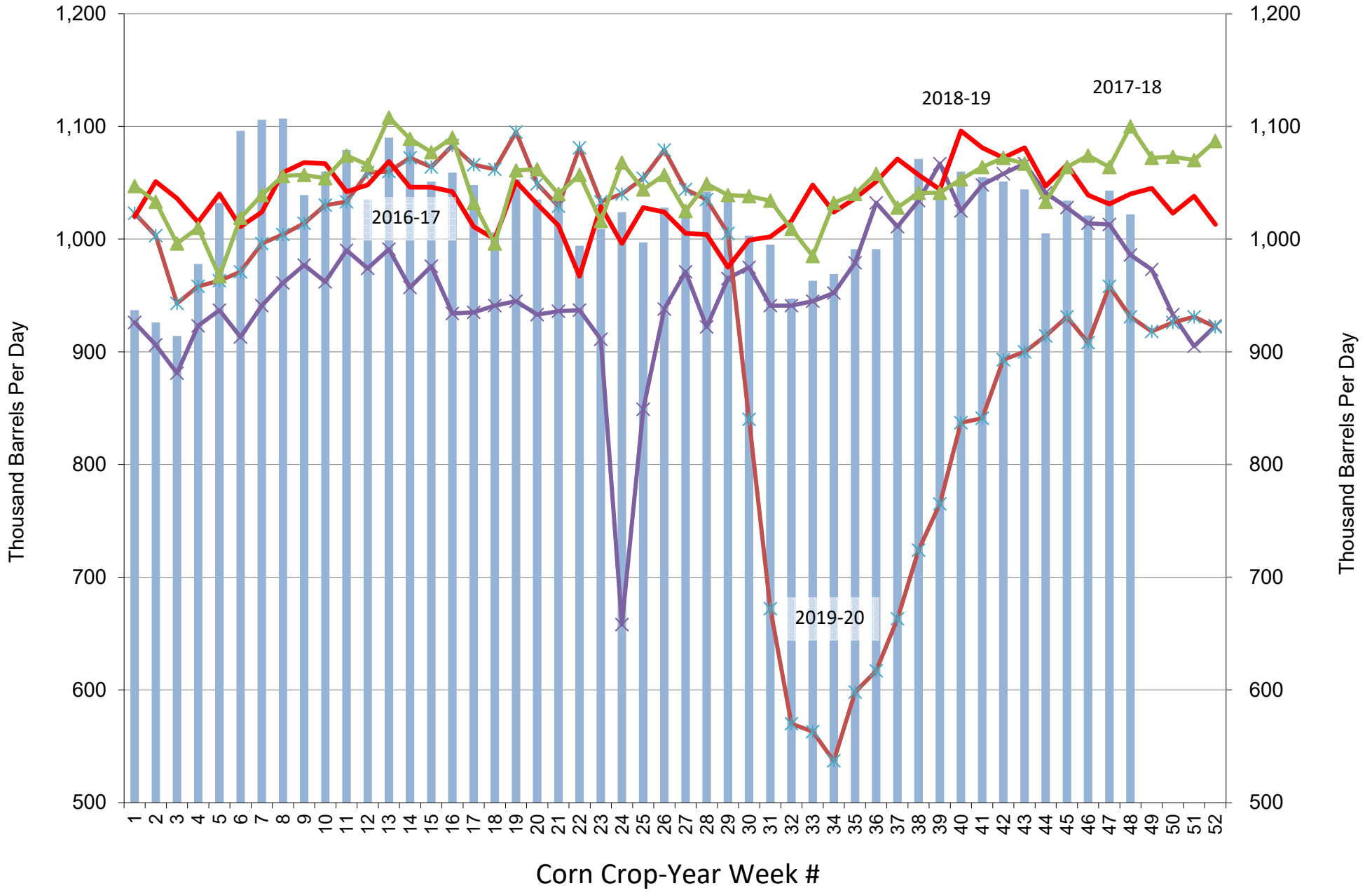
-88

**CY** 929 2019-20 season average  
**CY** 959 2020-21 season average  
**CY to Date:** 1028 2021-22 season average

YOY Δ  
**-10.3%**  
**3.3%**  
**7.2%**

Source: Reuters, EIA, FI

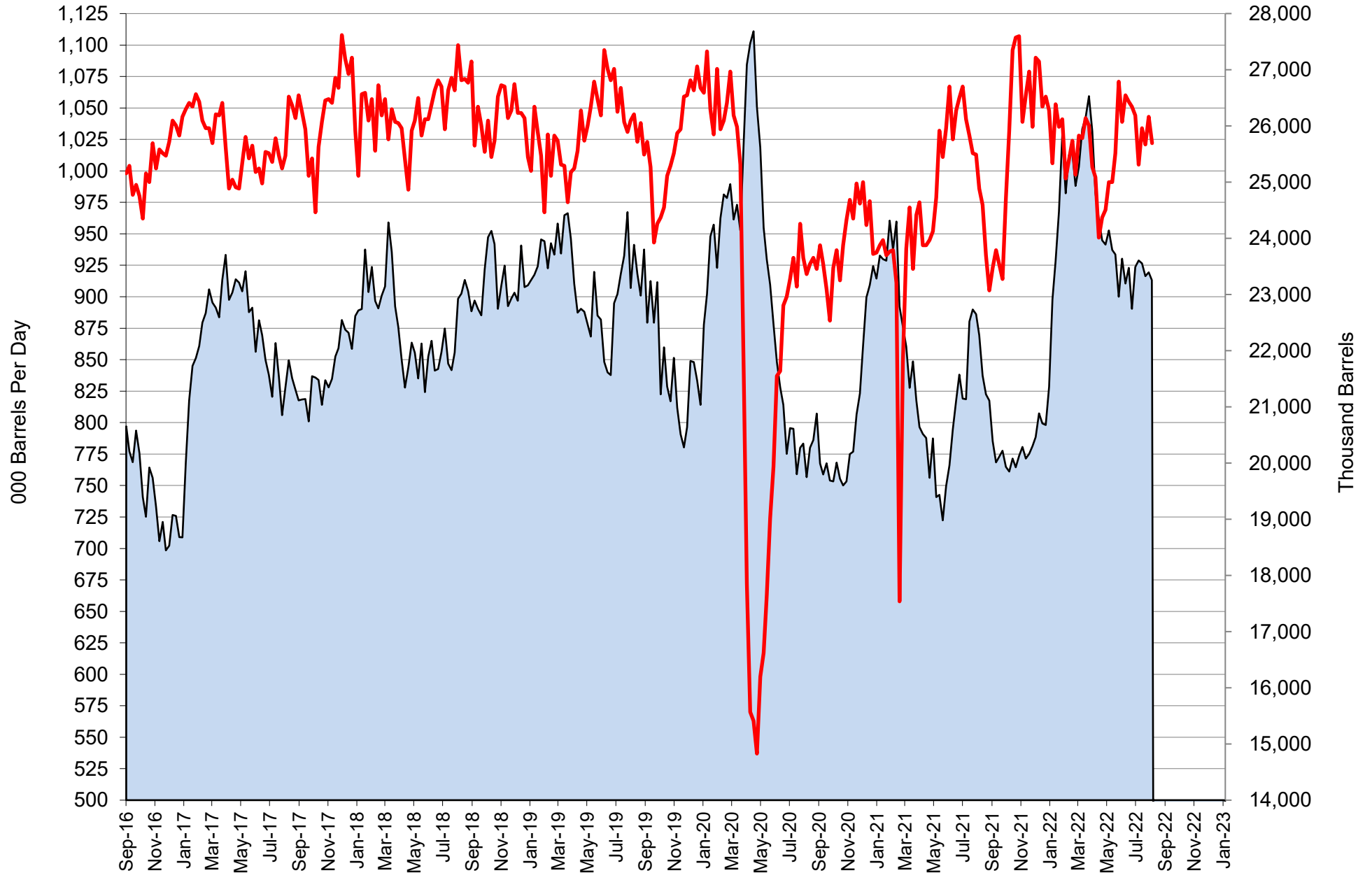
# US Weekly Ethanol Production



Source: EIA & FI

■ 2021-22   
 ✕ 2020-21   
 ✕ 2019-20   
 — 2018-19   
 ▲ 2017-18

# US Weekly Ethanol Production and Stocks

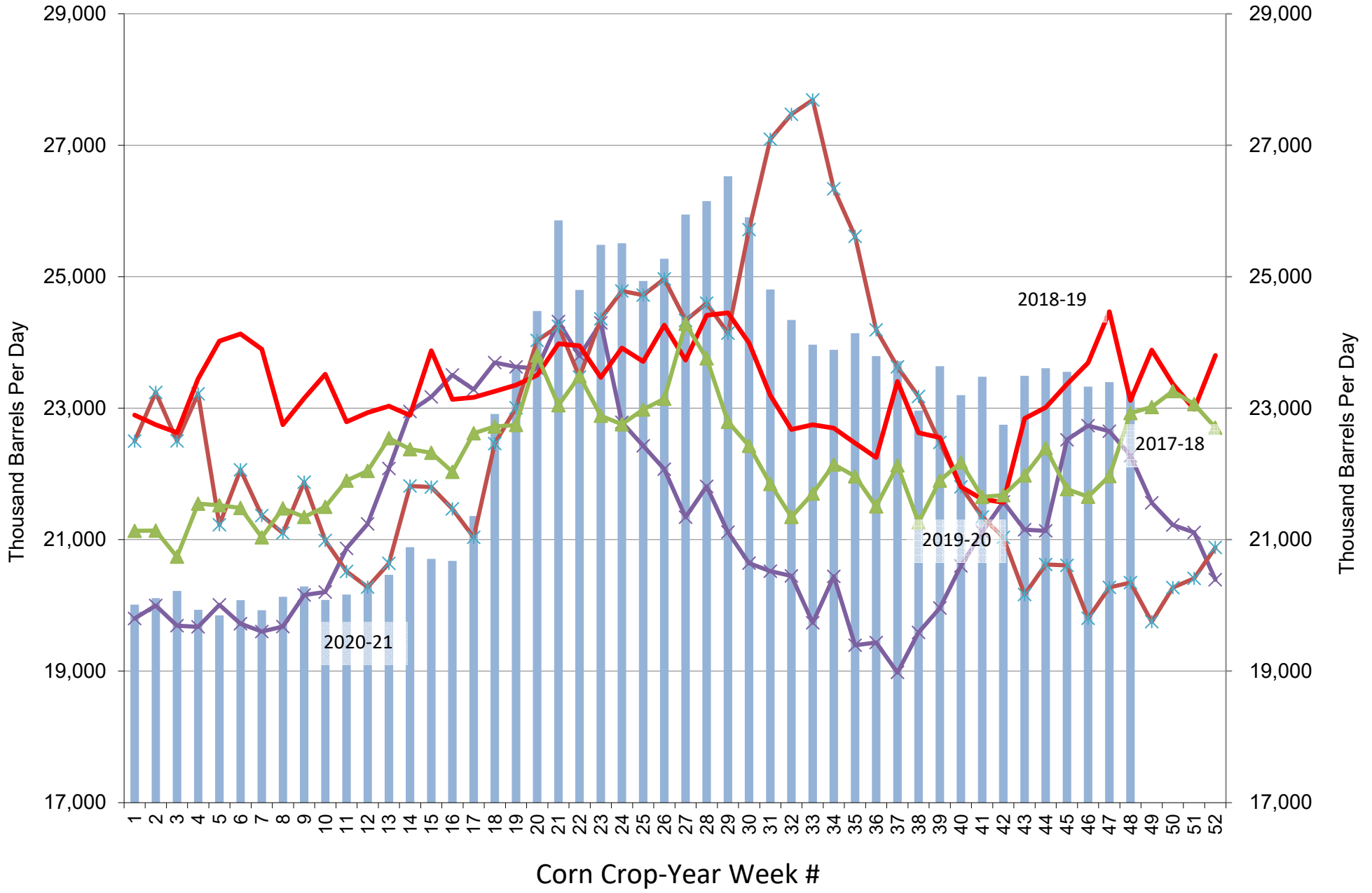


Source: EIA & FI

Stocks (1000bd)

Production (1000bd)

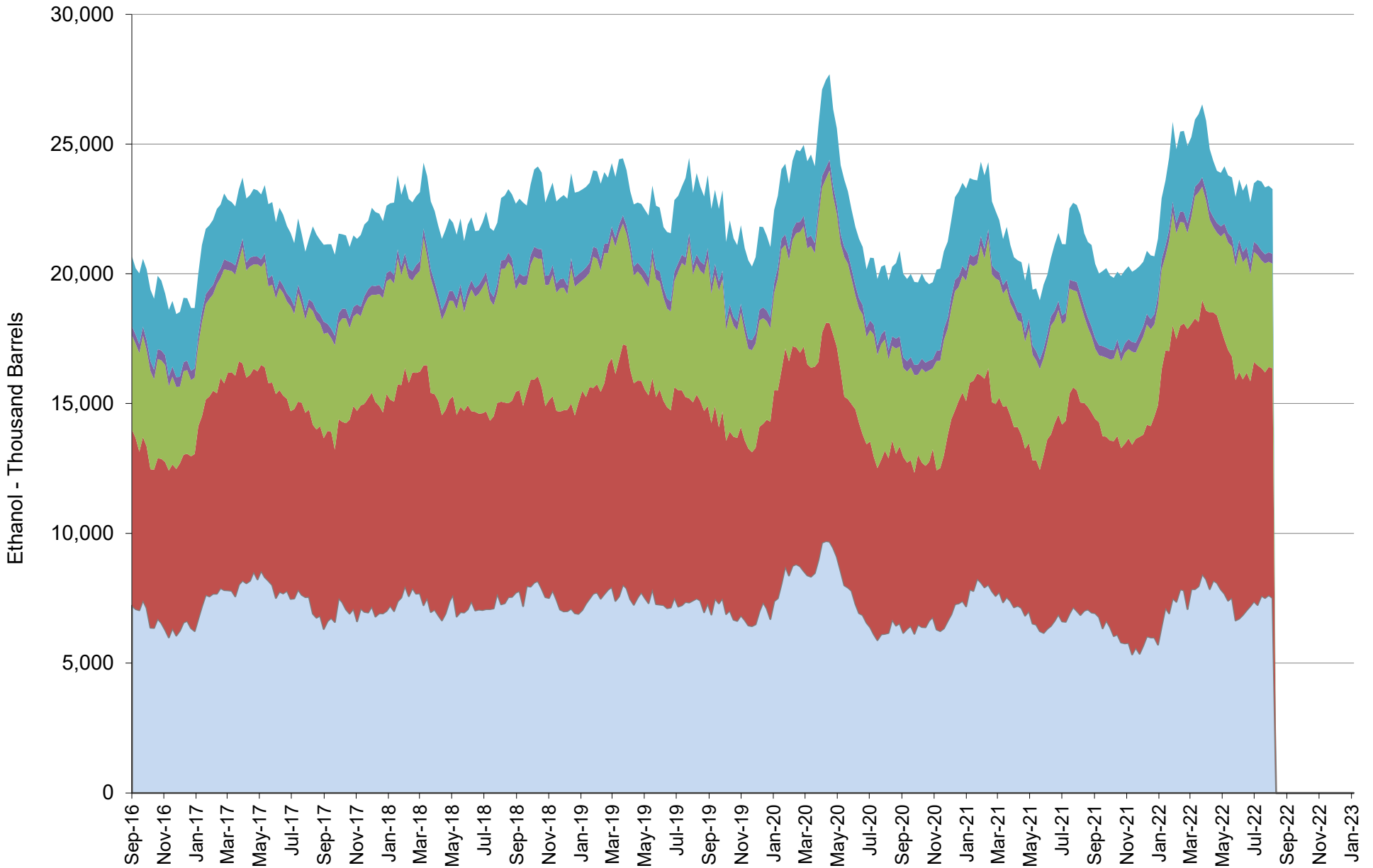
# US Weekly Ethanol Stocks (corn crop year)



Source: EIA & FI

■ 2021-22   
 ✕ 2020-21   
 ✕ 2019-20   
 — 2018-19   
 ▲ 2017-18

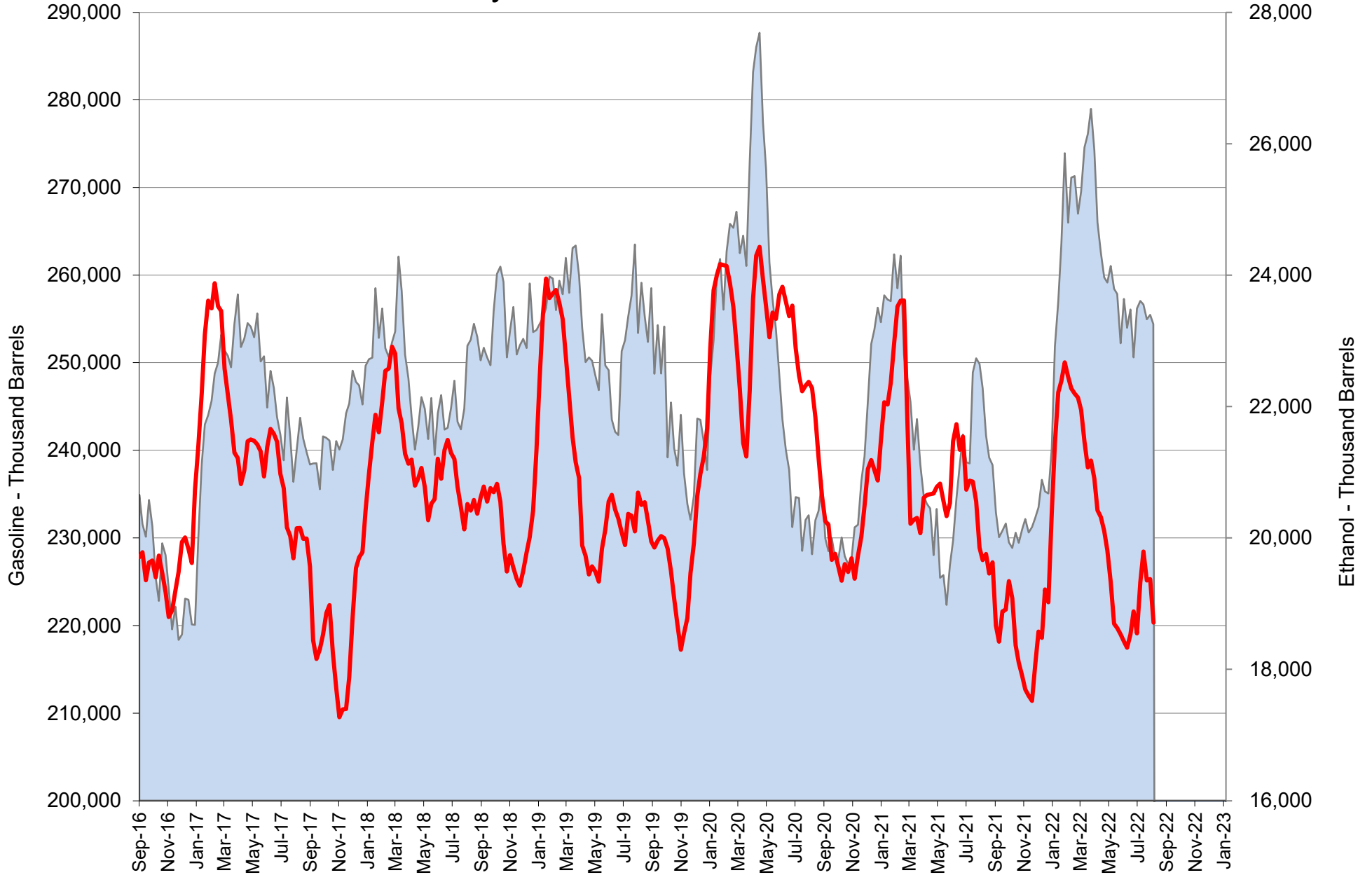
# US Weekly Ethanol Stocks by PADD



Source: EIA & FI

■ PADD1 ■ PADD2 ■ PADD3 ■ PADD4 ■ PADD5

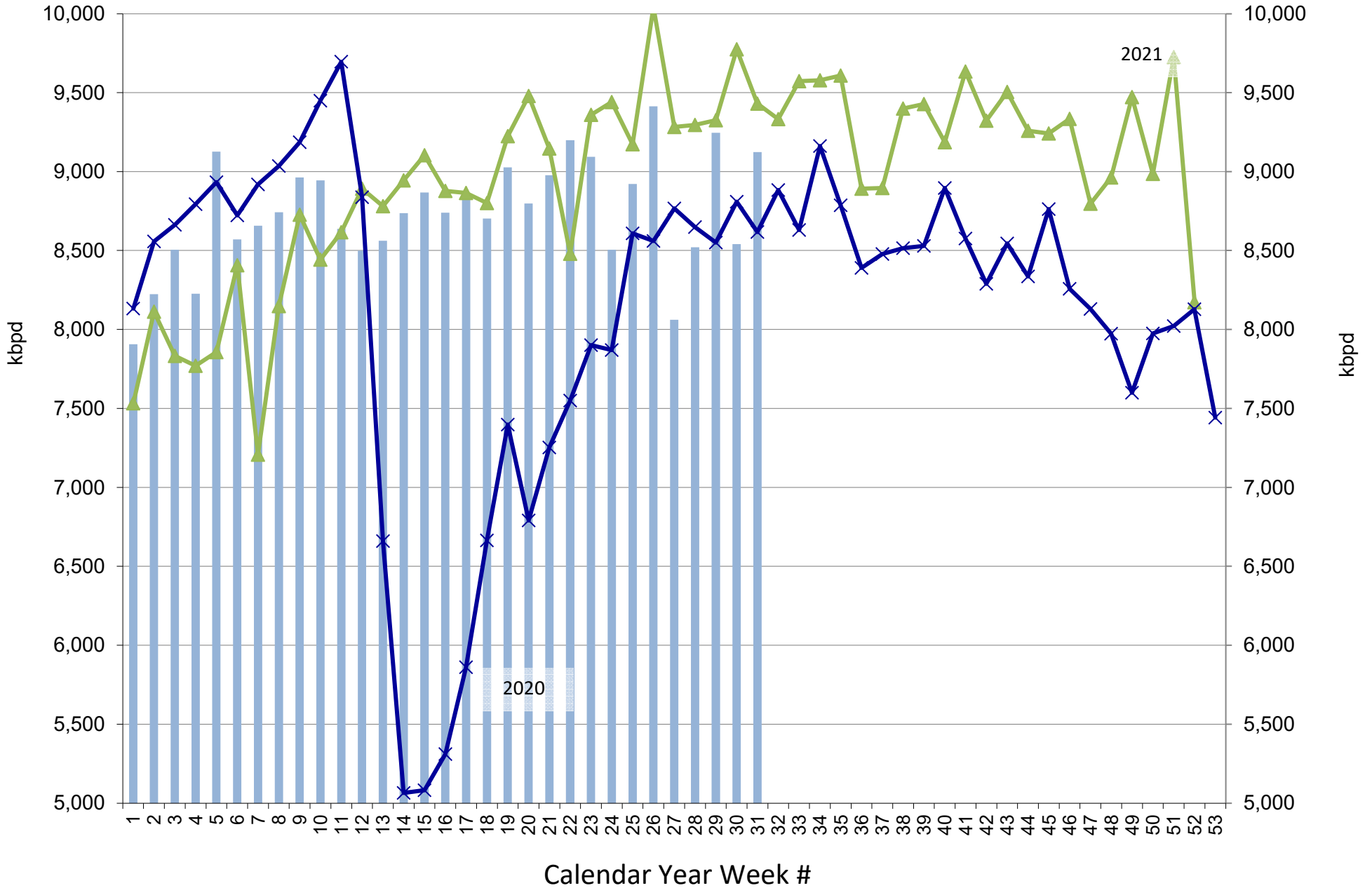
# US Weekly Gasoline and Ethanol Stocks



Source: EIA & FI

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

# US Weekly Gasoline Product Supplied



Source: EIA & FI

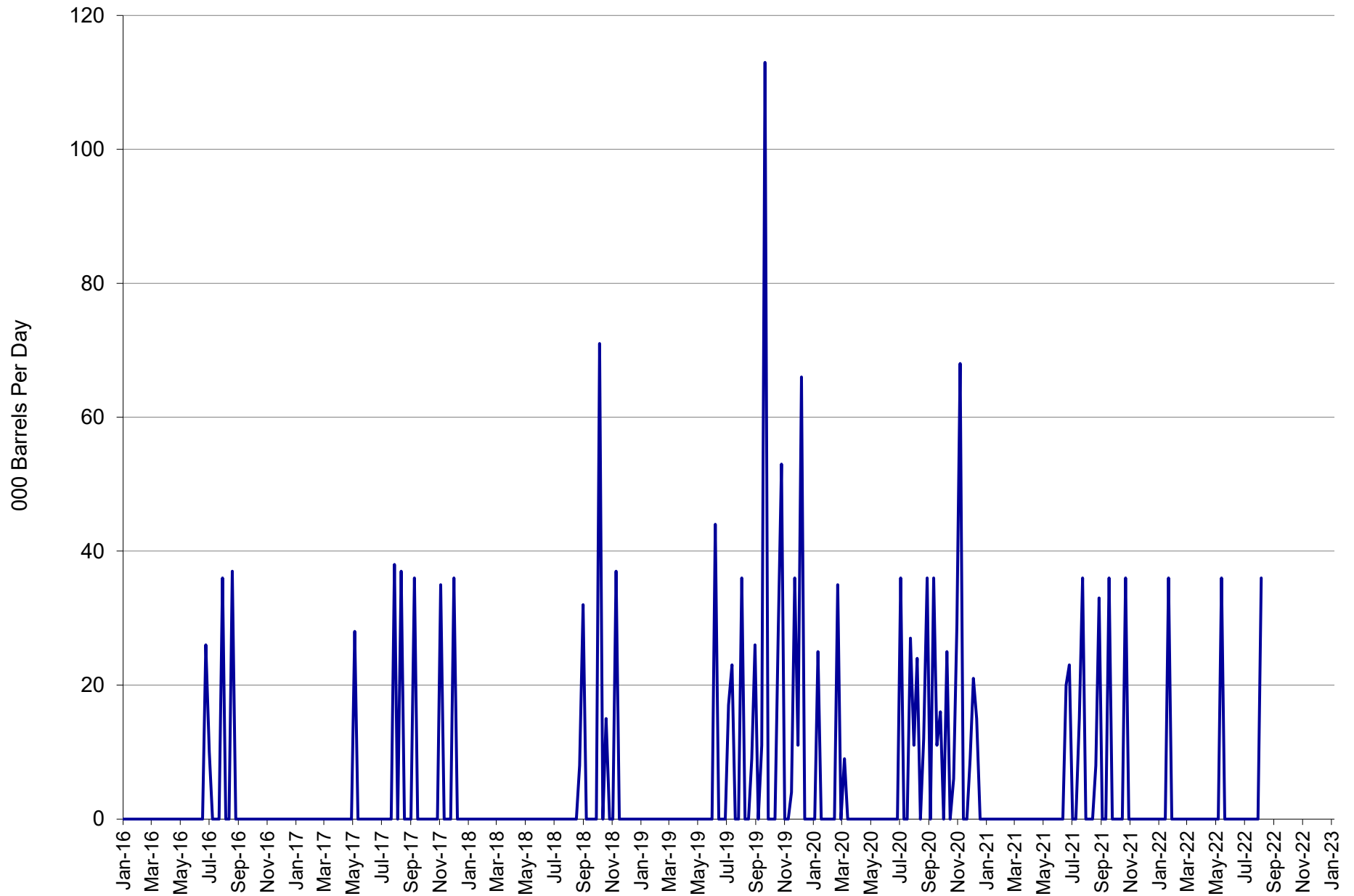
Gasoline Product Supplied (kbpd)

2021

2020



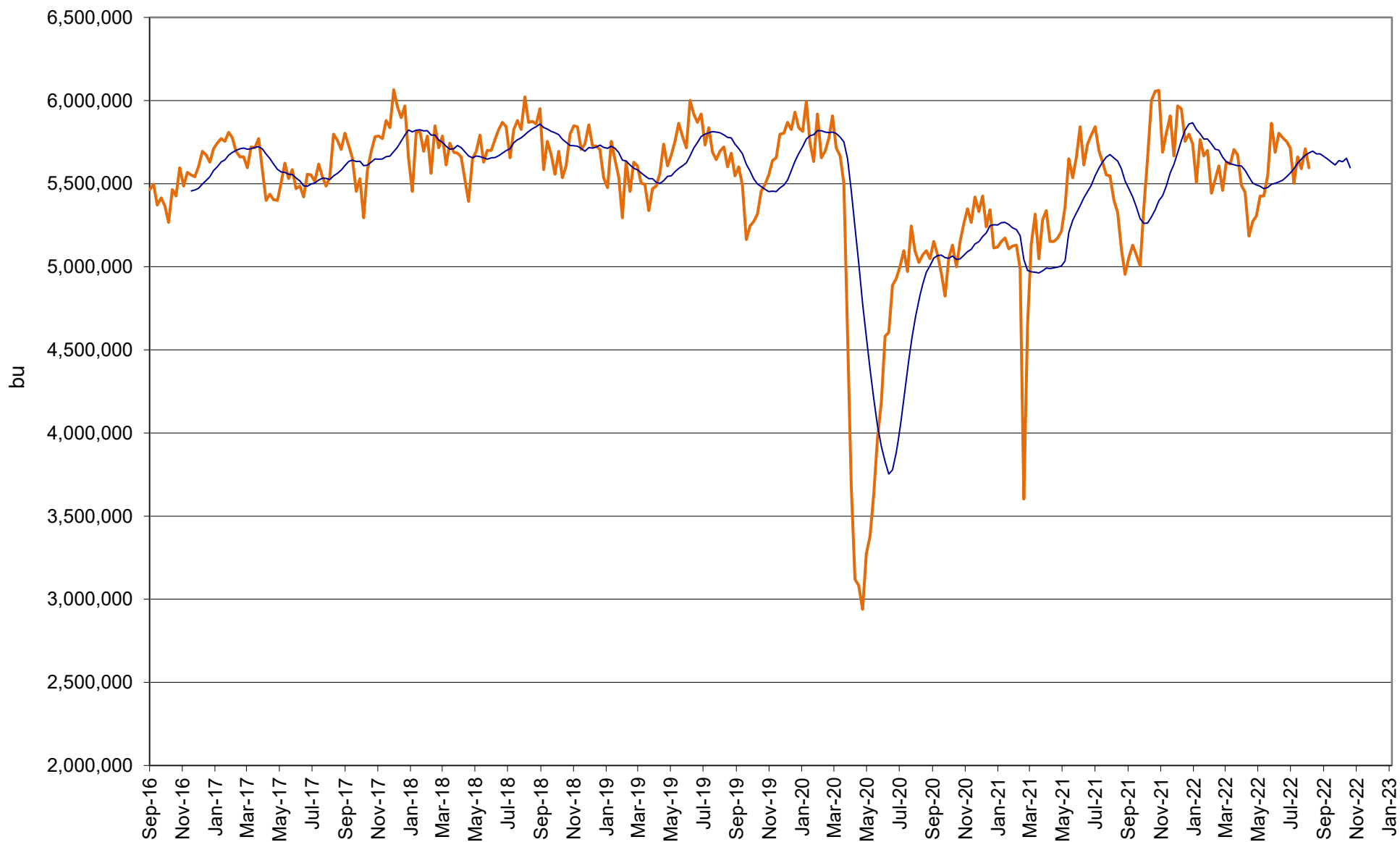
# US Weekly Ethanol Imports



Source: EIA & FI

— Imports (BPD)

# US Annualized Implied Corn Use

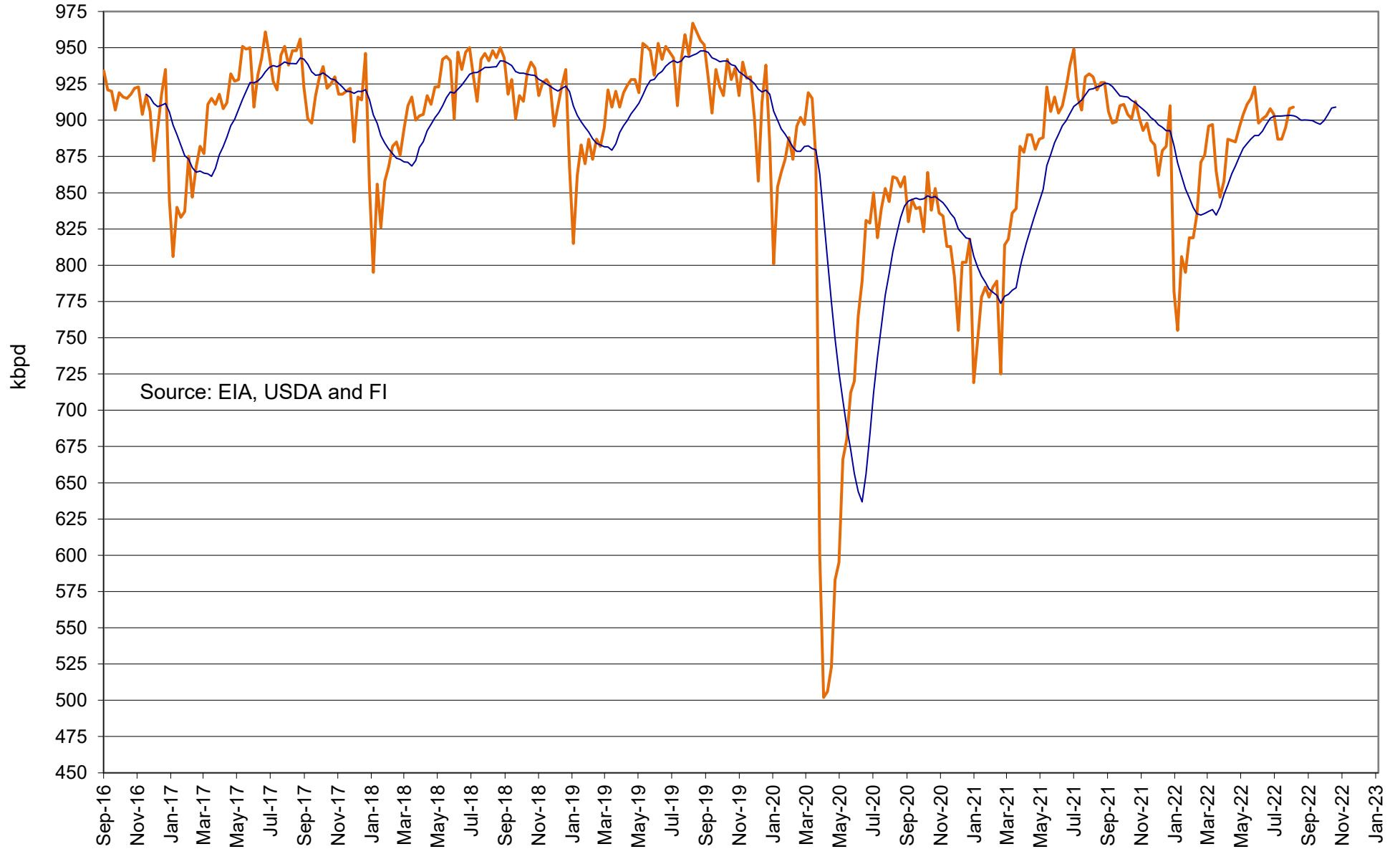


Source: EIA, USDA and FI

— US

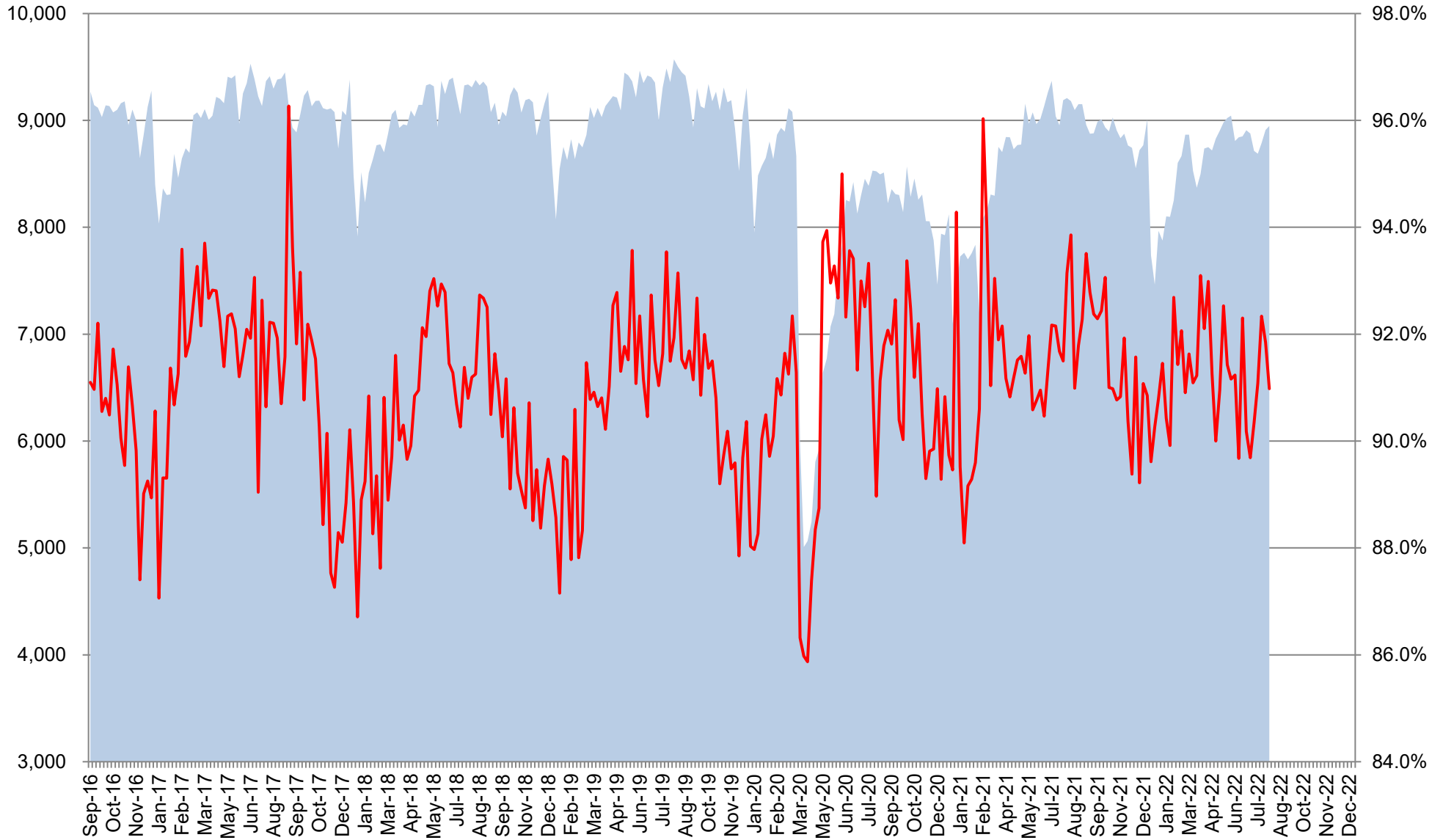
— 12 per. Mov. Avg. (US)

# 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

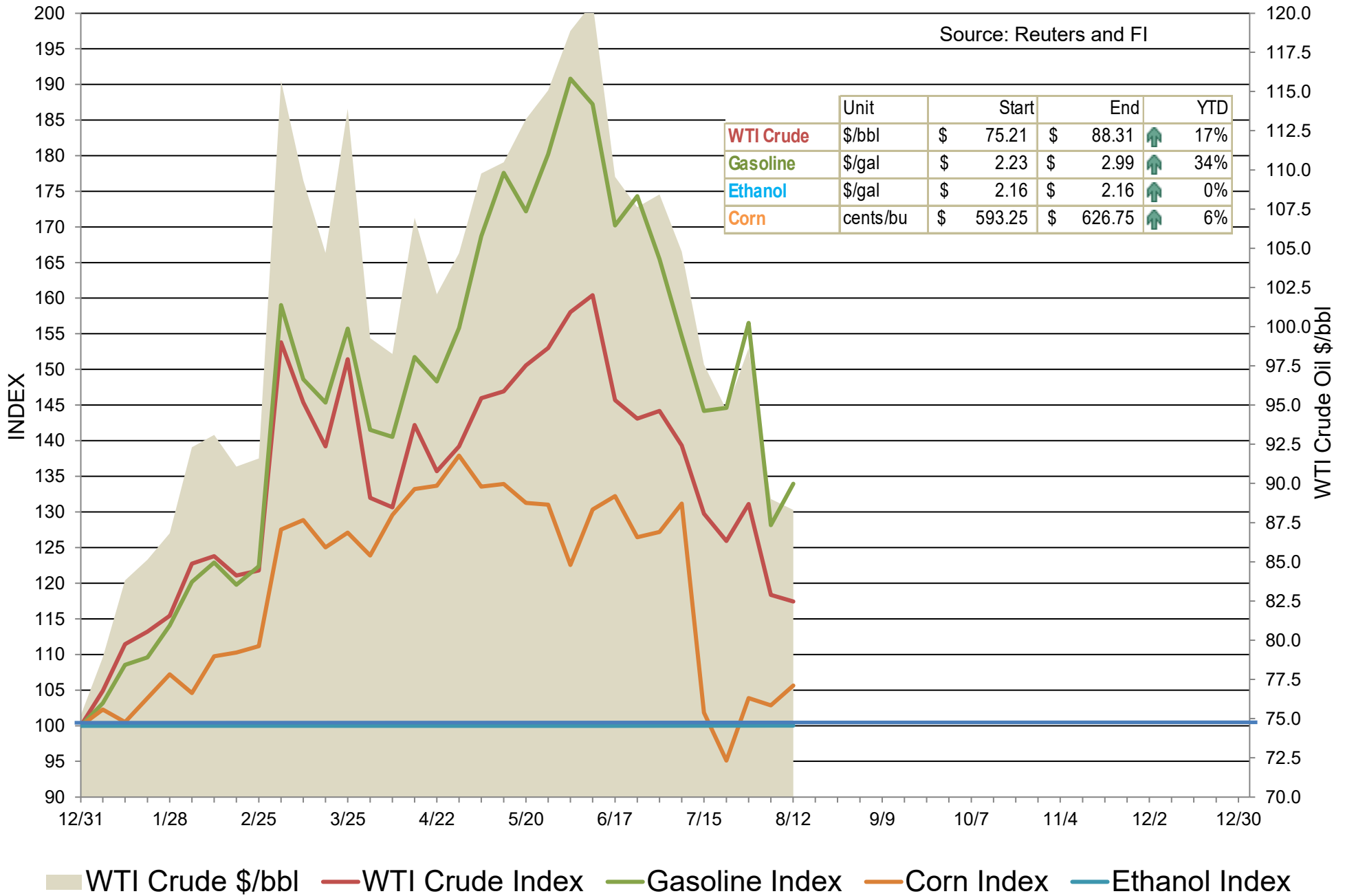


Source: EIA, USDA and FI

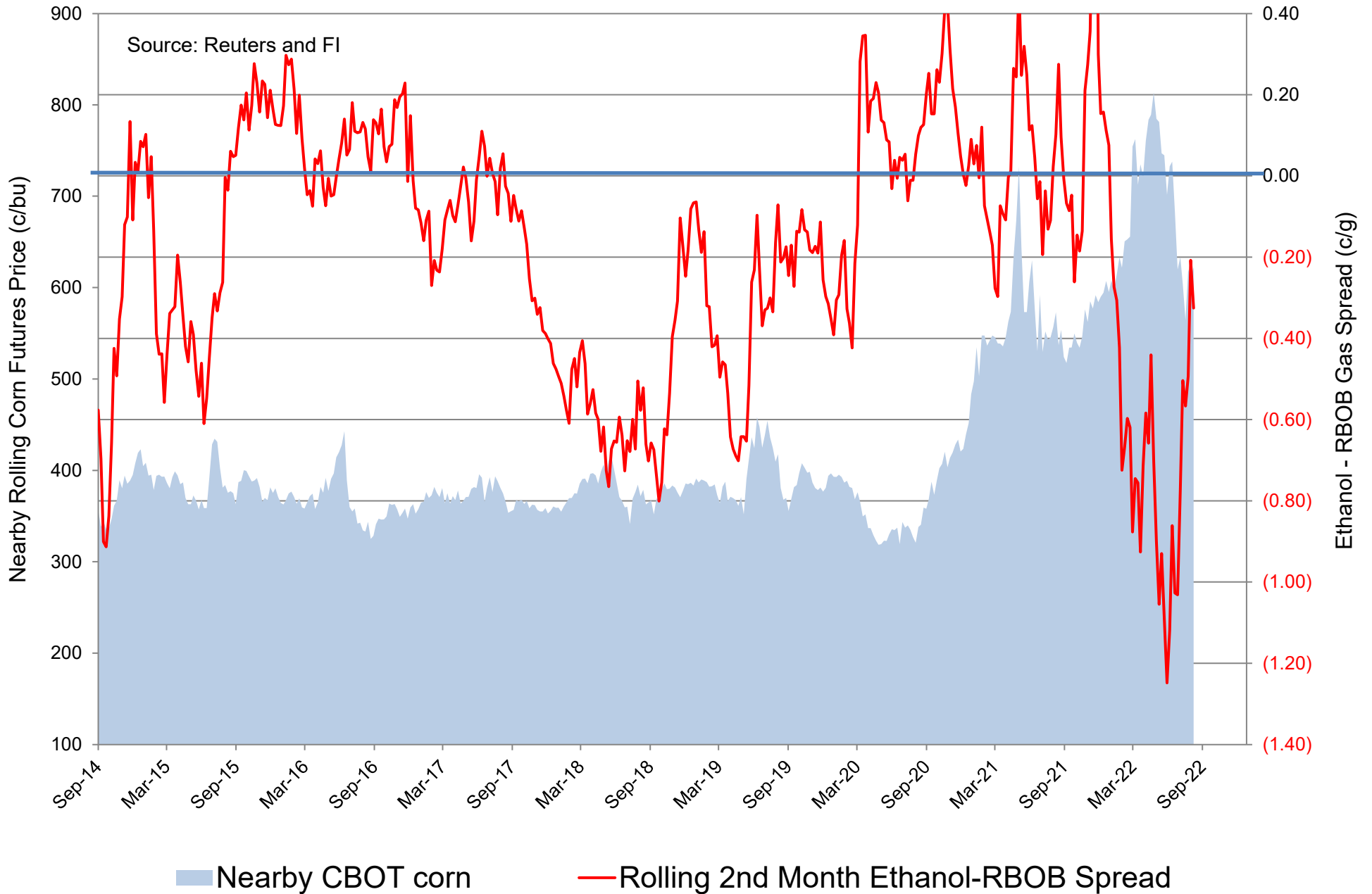
■ Total Blend Etoh

— Etoh Blend %

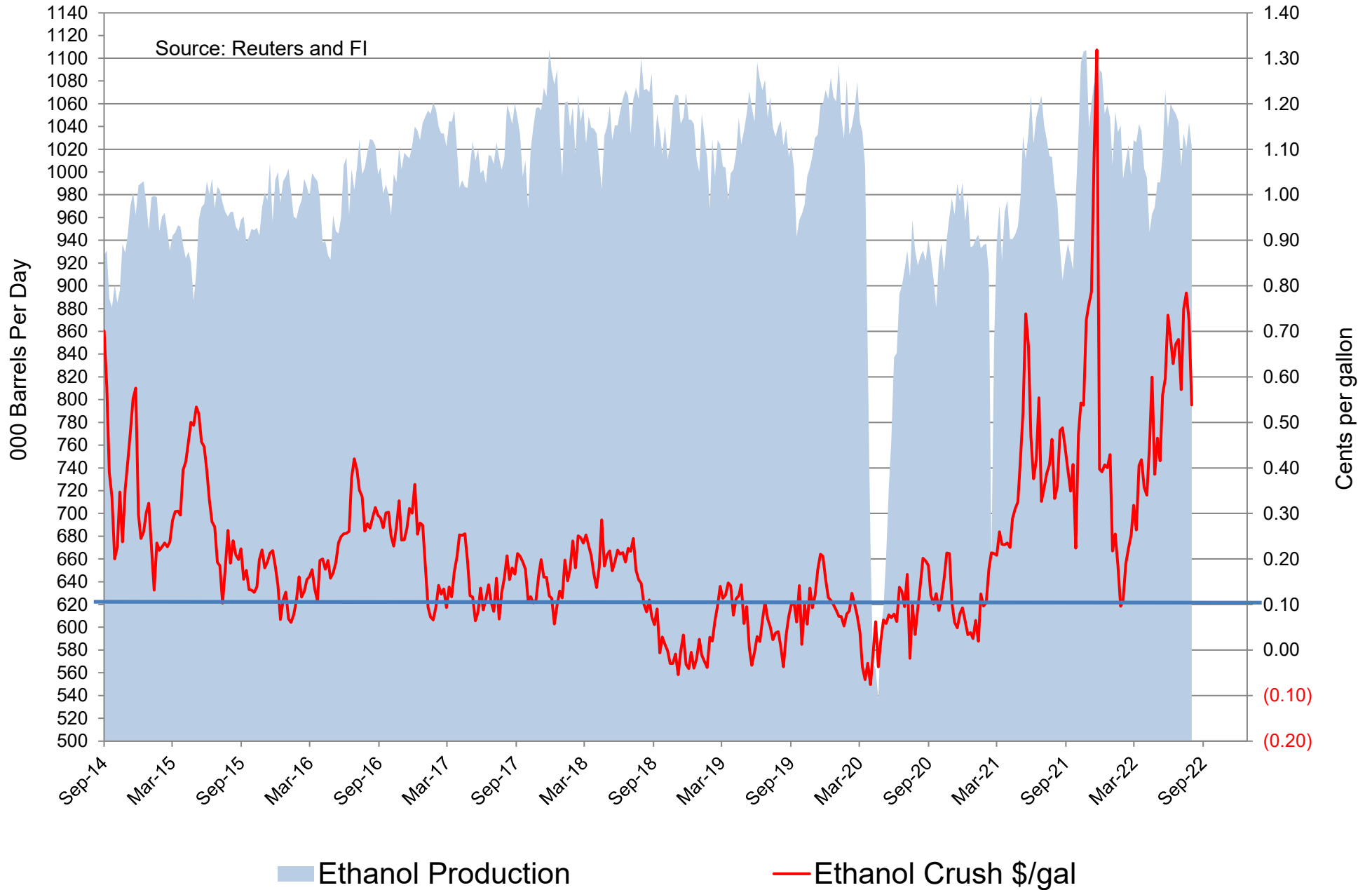
# Indexed Commodity Prices Starting January 2022 versus WTI Crude Nearby Futures



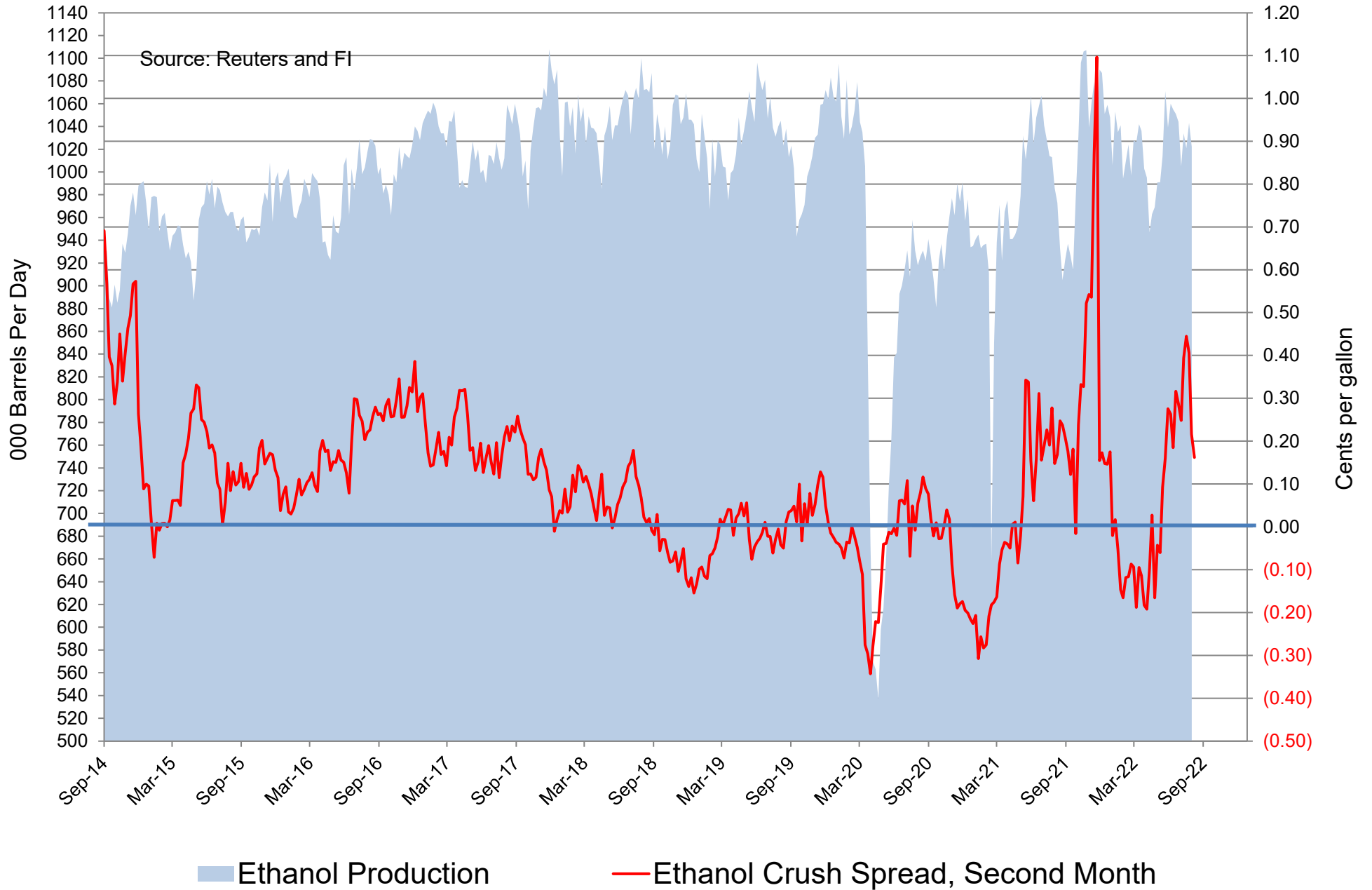
# CBOT Second Month Corn Futures versus Second Month Ethanol - RBOB Futures Spread



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

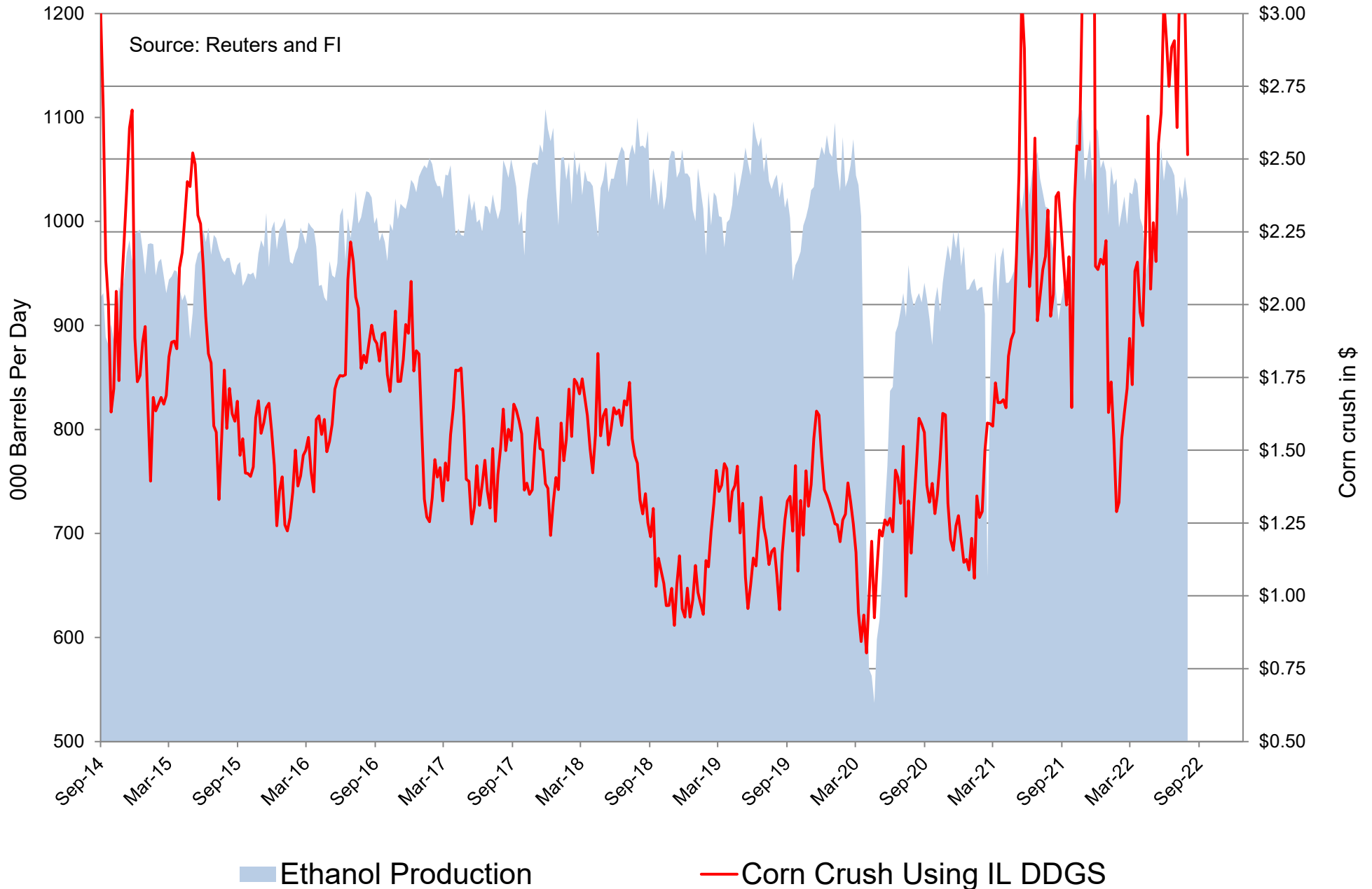


# Chicago Platts Second Month Corn Crush Spread versus Weekly Ethanol Production (Straight Calculation)





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



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