



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

A Fundamental Petroleum Trends Weekly Report

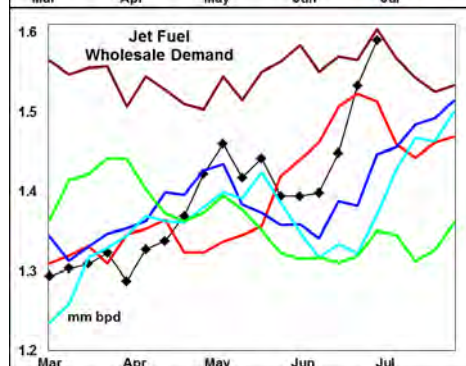
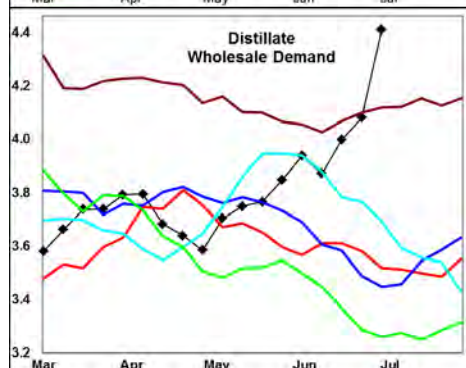
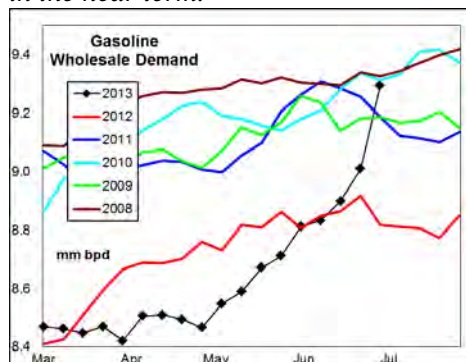
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, July 03, 2013



Major Fundamental Trends¹

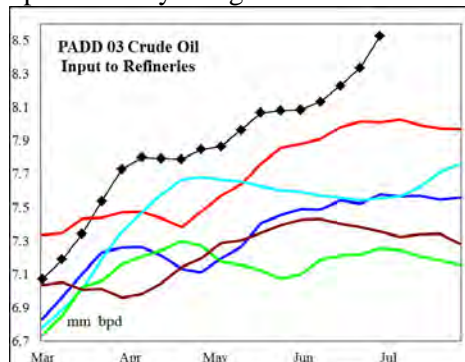
Wholesale demand for each of the four major refined fuels spiked last week for a combined week-on-week increase of over +1.4 million bpd.

The surge points to a restatement of inventories by the EIA, as the level of demand for each transport fuel matched 5-year highs. Look for a sharp pull back in wholesale demand in the near term.



Crude oil stocks fell -10 million barrels last week. The decrease resulted from a -0.9 million bpd drop in imports and +0.4 million bpd jump in refinery crude oil runs. Crude oil runs in the

Gulf region were nearly +0.5 million bpd above a year ago for the week.



Crude oil runs in the Midwest reached levels near the average of the last 3-years as BP started their new 250K crude unit outside of Chicago last week.

Look for season high refinery runs and a pull back in wholesale transport fuel demand to lead to meaningful stock builds during the next 60-days, subject to risk of hurricane disruptions on the Gulf.

Demand for distillate and jet fuel fell a combined -278,000 bpd on the week. Wholesale demand, measured over the last four weeks compared to a year ago: gasoline decreased -0.3%; distillate was +9.3% higher; jet fuel was -5.3% lower, and residual declined -1%.

Stocks forward coverage: Gasoline demand coverage fell on a +0.4 million bpd jump in demand and -1.7 million barrel stock draw for the week. Coverage remains at a record high for this time of year.

Distillate coverage fell on a +0.6 million bpd spike in demand and -2.4 million barrel stock draw for the week. Coverage levels match historic lows.

Jet fuel coverage fell on a +0.2 million bpd jump in demand and -0.4 million barrel stock draw. Coverage levels were below the historic mid range.

Residual fuel oil coverage fell on a +0.3 million bpd jump in demand and -1.3 million barrel stock draw. Coverage levels ended the week below the 5-year high.

Refinery utilization rates increased last week on a +386,000 bpd rise in crude oil runs. During the latest 4-wk period crude oil input was +15,000 bpd above a year ago.

Gasoline yield % on crude oil runs was nearly unchanged on a +249,000 bpd increase in output compared to the +386,000 bpd rise in crude oil runs. Yield % on crude oil runs ended the week at a 5-year low.

Distillate yield % on crude oil runs fell sharply on a -23,000 bpd decline in output compared to the increase in crude oil thru put. The yield % on crude oil runs remains above the 5-year range.

Jet fuel yield % on crude oil runs increased on a +85,000 bpd increase in output, compared to the increase crude oil input. The yield % level remains below the last 2-years.

Petroleum Imports/Exports: Imports of crude oil and gasoline fell -0.9 and -0.5 million bpd; respectively.

During the latest 4-wk period crude oil imports were -1.1 million bpd below last year; distillate imports increased +8,000 bpd; finished gasoline imports increased +8,000 bpd, gasoline blend stock imports were -163,000 bpd lower; jet fuel imports increased +66,000 bpd, while residual fuel oil imports were -103,000 bpd lower.

During the latest 4-wk period exports of gasoline were -71,000 bpd below last year, jet fuel was +30,000 bpd higher and distillate exports fell -278,000 bpd.

Crude Oil stocks plunged -10 million barrels last week. The decline was driven by a -0.9 million bpd drop in imports and +0.4 rise in refinery input. Stock levels ended the week +1 million barrels above prior 5-year highs, with Cushing +2.5 million barrels above a year ago.

¹ Source is latest EIA Weekly Statistics



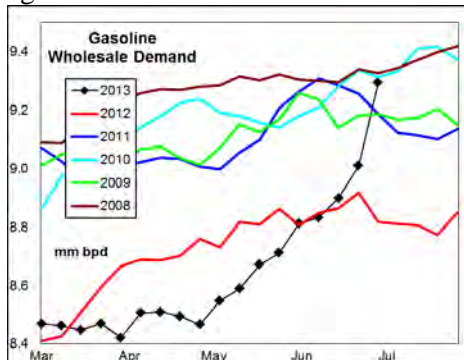
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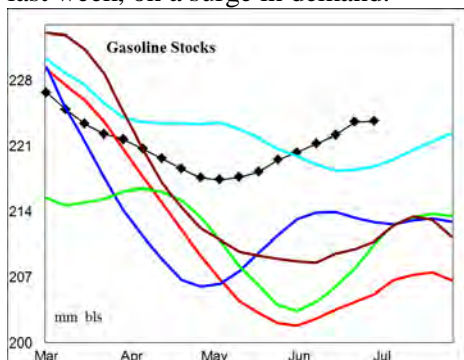
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Product Supply-Demand Trends

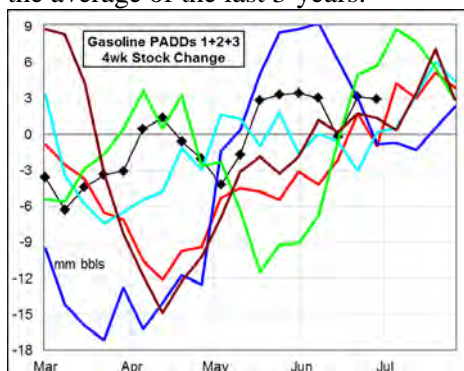
Gasoline wholesale demand jumped +0.4 million bpd last week, to a level near 5-year highs. The latest 4-wk average demand was nearly unchanged from a year ago. Supply fell -272,000 bpd last week on sharply lower imports. Supply for the latest 4-wk period was -98,000 bpd below a year ago.



Stocks decreased -1.7 million barrels last week, on a surge in demand.



The latest 4-wk stock build in markets East of the Rockies was a +3 million barrel build, +3.2 million barrels above the average of the last 3-years.

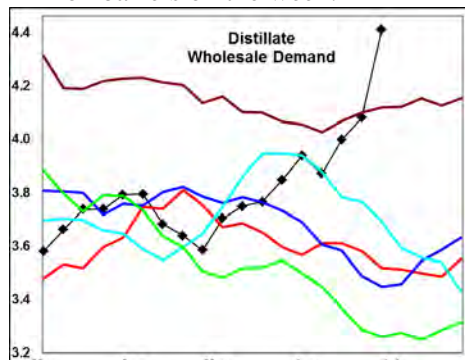


Wholesale demand has been trending higher relative to year ago levels for the last 90-days. Seasonally higher production has kept stock levels extremely high, with the increase

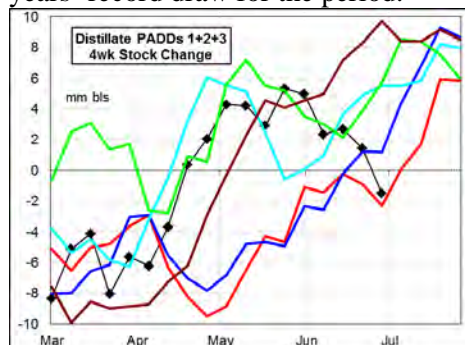
concentrated in the Gulf and East Coast regions.

Distillate demand spiked +556,000 bpd on the week, to a record high for the season. The latest 4-wk average demand was +393,000 bpd above a year ago.

Supply decreased -13,000 bpd last week, on lower production. The latest 4-wk average supply was +107,000 bpd above last year. Stocks fell -2.4 million barrels on the week.



The latest 4-wk stock change in markets East of the Rockies was a -1.4 million barrel draw, slightly above last years' record draw for the period.



The recent spike in wholesale demand has led to a near record stock draw for this time of year.

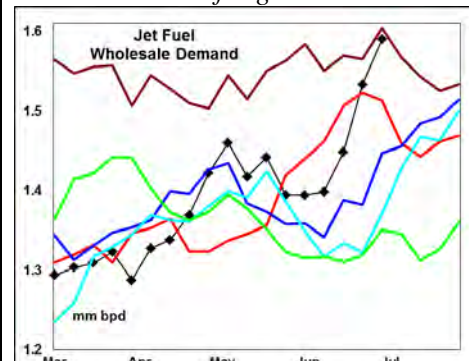
Look for a sharp pull back in seasonal demand, and higher seasonal production to lead to renewed stock builds during the summer quarter.

Jet Fuel wholesale demand jumped +164,000 bpd on the week to a level that matched 5-year highs. The latest 4-wk average demand was -100,000 bpd below last year.

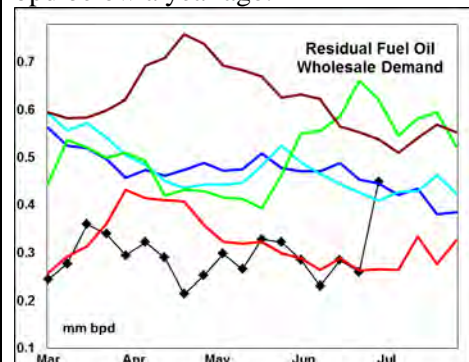
Supplies increased +50,000 bpd on the week, with production levels equal to 5-year highs. Supply for the latest 4-wk period was +28,000 bpd above a

year ago. Stocks decreased -0.4 million barrels on the week, to a level at the low end of the 5-year range.

Look for demand to pull back from the pre 4-th of July surge. Seasonally high production should lead to modest stock building during the next quarter. Stock levels remain very low in the Midwest and Gulf regions.



Residual fuel oil demand was jumped +0.3 million bpd last week. Demand for the latest 4-wk period was -37,000 bpd below a year ago.



Supply (production + imports) fell -138,000 bpd last week, on sharply lower imports. Production levels remain near 5-year lows. Stocks fell -1.3 million barrels on the week.

Stock levels remain extremely high in the Gulf region. Stocks continue to trend lower in the Midwest, although the level remains above the historic range. Demand for the latest 4-wk period matched the 5-year mid range.



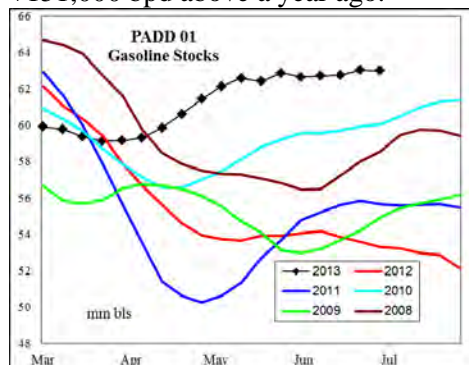
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PADD Supply Trends

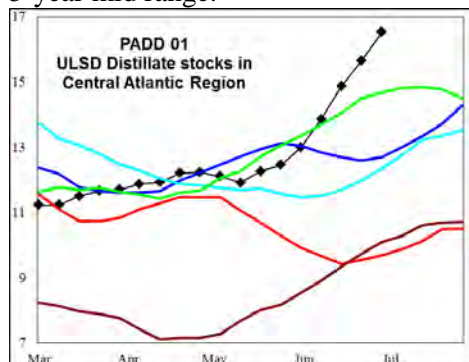
PADD 1 refinery crude oil runs increased +59,000 bpd last week, to a level +15% above last year. The latest 4-wk average crude oil thru put was +151,000 bpd above a year ago.



Gasoline supply fell -375,000 bpd on a -0.5 million bpd drop in imports. Stocks declined -0.8 million barrels with the level sharply above the historic range.

Distillate supply decreased -22,000 bpd on the week. Stocks increased +0.6 million barrels to a record high level.

Jet fuel stocks fell -0.4 million barrels last week, to a level below the 5-year mid range.



PADD 2 crude oil refinery runs increased +87,000 bpd on the week, with the level near the prior 3-year average. Runs for the latest 4-wk period were -176,000 bpd below last year. Crude oil stocks fell -1.9 million barrels last week, driven by the increase in refinery runs. Stocks ended the week +5% above a year ago at Cushing.

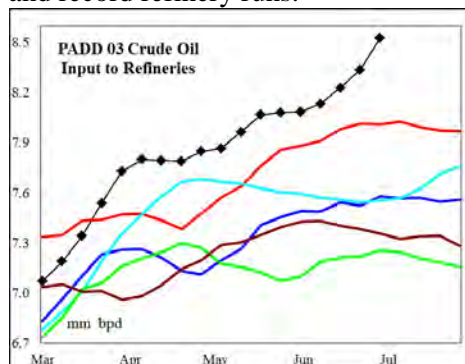
Gasoline production jumped +169,000 bpd on the week, to a record high level. Stocks fell -1.6 million

barrels to a level below the historic range.

Distillate supply increased +34,000 bpd last week, with the level below the last 3-years. Stocks decreased -0.7 million barrels on the week, to a level below the 5-year range.

Jet fuel production increased to a level that matched the 5-year high. Stocks increased +0.3 million barrels last week, although the level remains -9% below the 5-year range.

PADD 3 refinery runs increased +203,000 bpd on the week to a new all time high. During the latest 4-wk period, average runs were +272,000 bpd above a year ago. Crude oil stocks fell -6 million barrels last week, driven by a -0.6 million bpd drop in imports and record refinery runs.



Gasoline decreased -33,000 bpd on the week, to a level above last year. Stocks increased +1.7 million barrels to a new record high for this time of year.

Distillate supply decreased -43,000 bpd last week, with the level sharply above the 5-year range. The latest 4-wk average supply was +130,000 bpd above last year. Stocks declined -1.2 million barrels on the week, a level +7% above a year ago.

Jet fuel supply increased +42,000 bpd on the week, with production at a new record high. Stock levels remain at 5-year lows.

Residual fuel oil supplies increased +35,000 bpd to a level near last year. Stock levels ended the week at a record high level.

PADD 4 refinery crude runs declined -16,000 bpd on the week, ending the

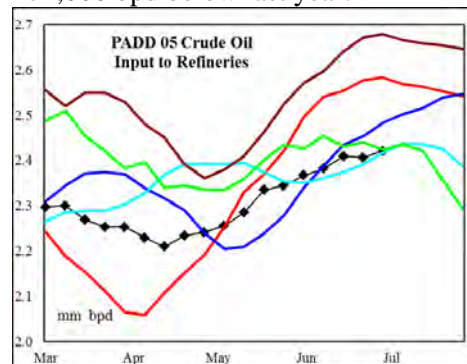
week at a level that matched 5-year lows.

Gasoline production decreased -5,000 bpd with the level equal to historic lows. Stocks declined -0.2 million barrels to a level well below -4% below last year.

Distillate production was unchanged on the week, with the level -41,000 bpd below last year. Stock levels ended the week comparable to the last 2-years.

Jet fuel production and stock levels were each near historic highs.

PADD 5 crude oil refinery runs increased +54,000 bpd on the week; to a level that matched 5-year lows. The latest 4-wk average run rate was -172,000 bpd below last year.



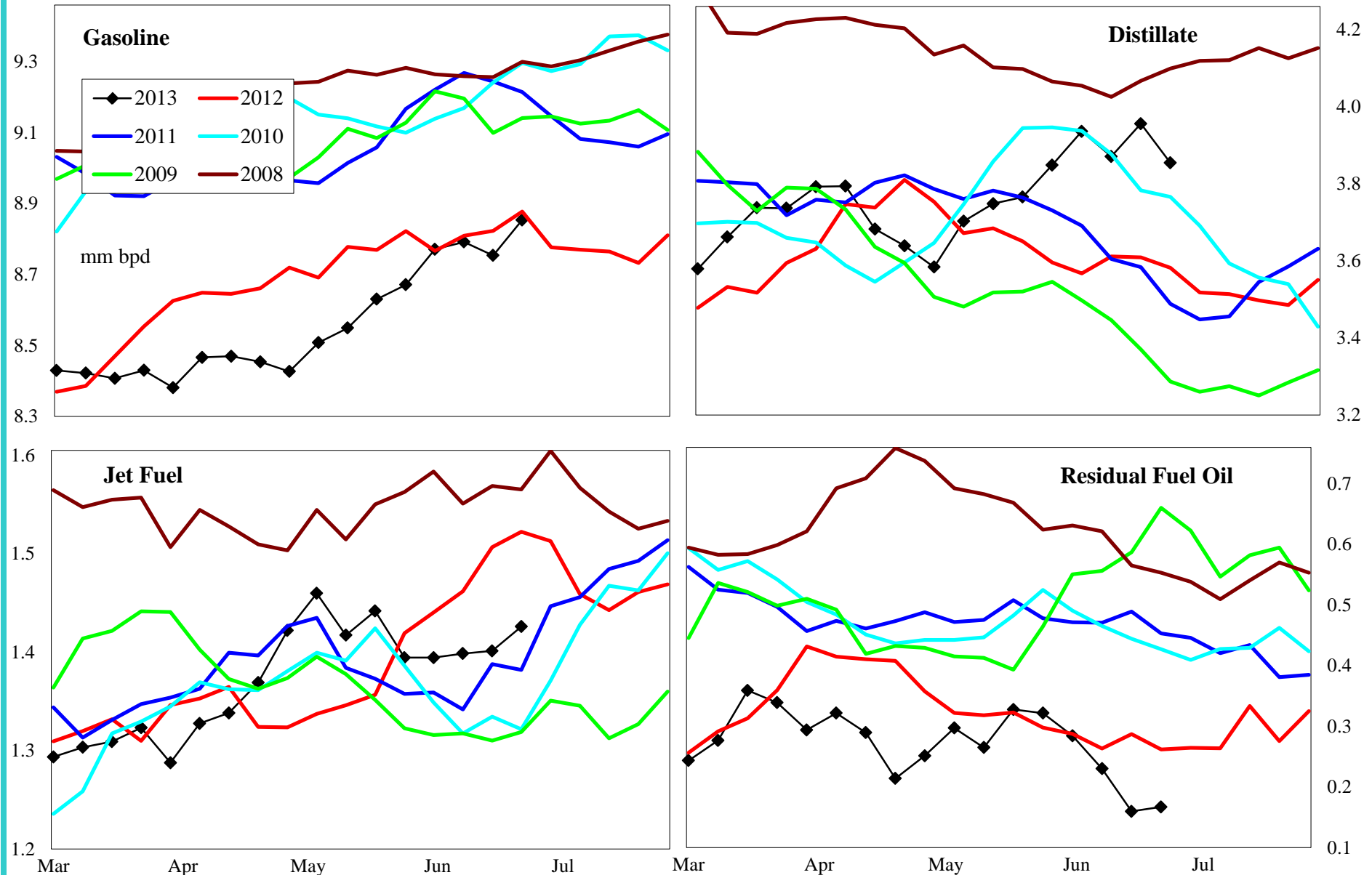
Gasoline supply increased +24,000 bpd on the week with production at a 5-year high. The latest 4-wk average supply was +38,000 bpd above a year ago. Stocks fell -0.8 million barrels last week, to a level that matched the 3-year mid range.

Distillate supply increased +18,000 bpd, on higher imports. The latest 4-wk average supply was +15,000 bpd above a year ago. Stocks fell -1.1 million barrels on the week, to a level that matched historic lows.

Jet fuel supply increased +18,000 bpd on the week, with the production level matching the 3-year mid range. Stocks were unchanged at a level near historic highs.

Residual fuel oil supply fell -79,000 bpd on the week. Stock levels matched 5-year lows.

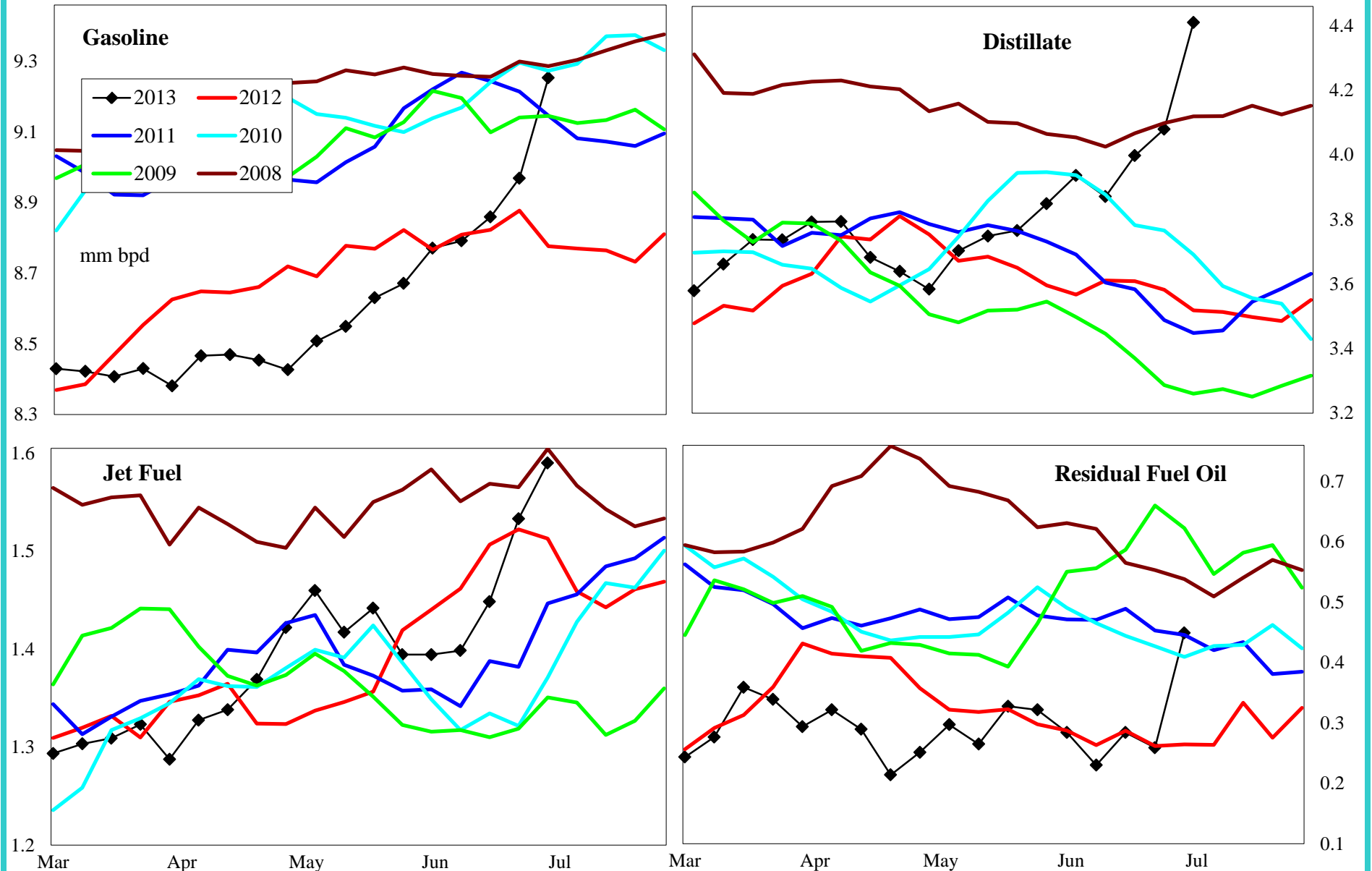
United States Wholesale Petroleum Demand



	000 bpd change from prior year				% change from prior year			
	4wk avg	May	Jan	Jan	4wk avg	May	Apr	Mar
Gasoline	-28	-269	-319	-17	-0.3	-3.0	-3.6	-0.2
Distillate	336	96	-68	66	9.3	2.6	-1.8	1.8
Jet Fuel	-82	75	63	-13	-5.3	5.3	4.6	-0.9
Resid	-3	111	-141	15	-1.1	37.8	-34.6	3.6



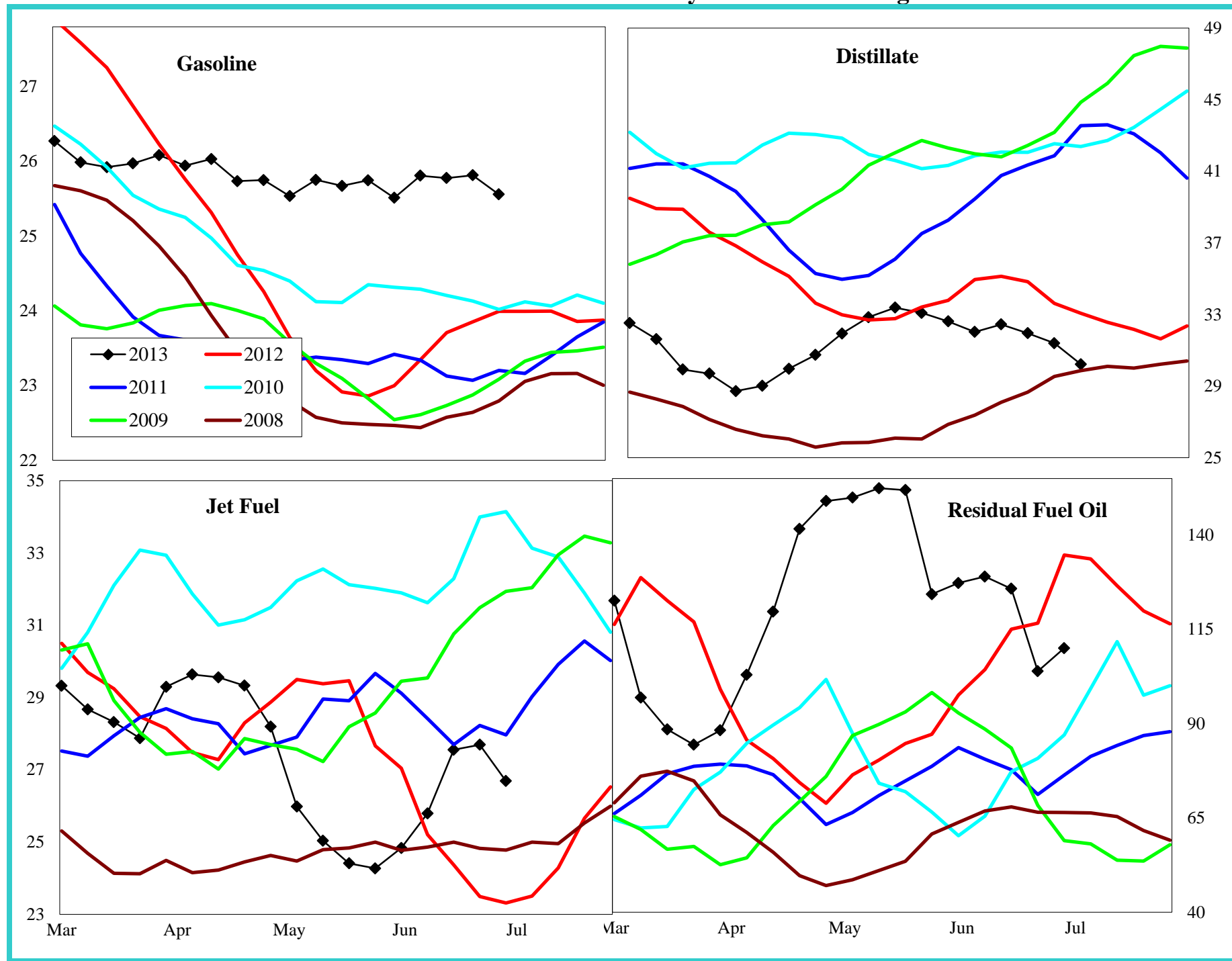
United States Wholesale Petroleum Demand



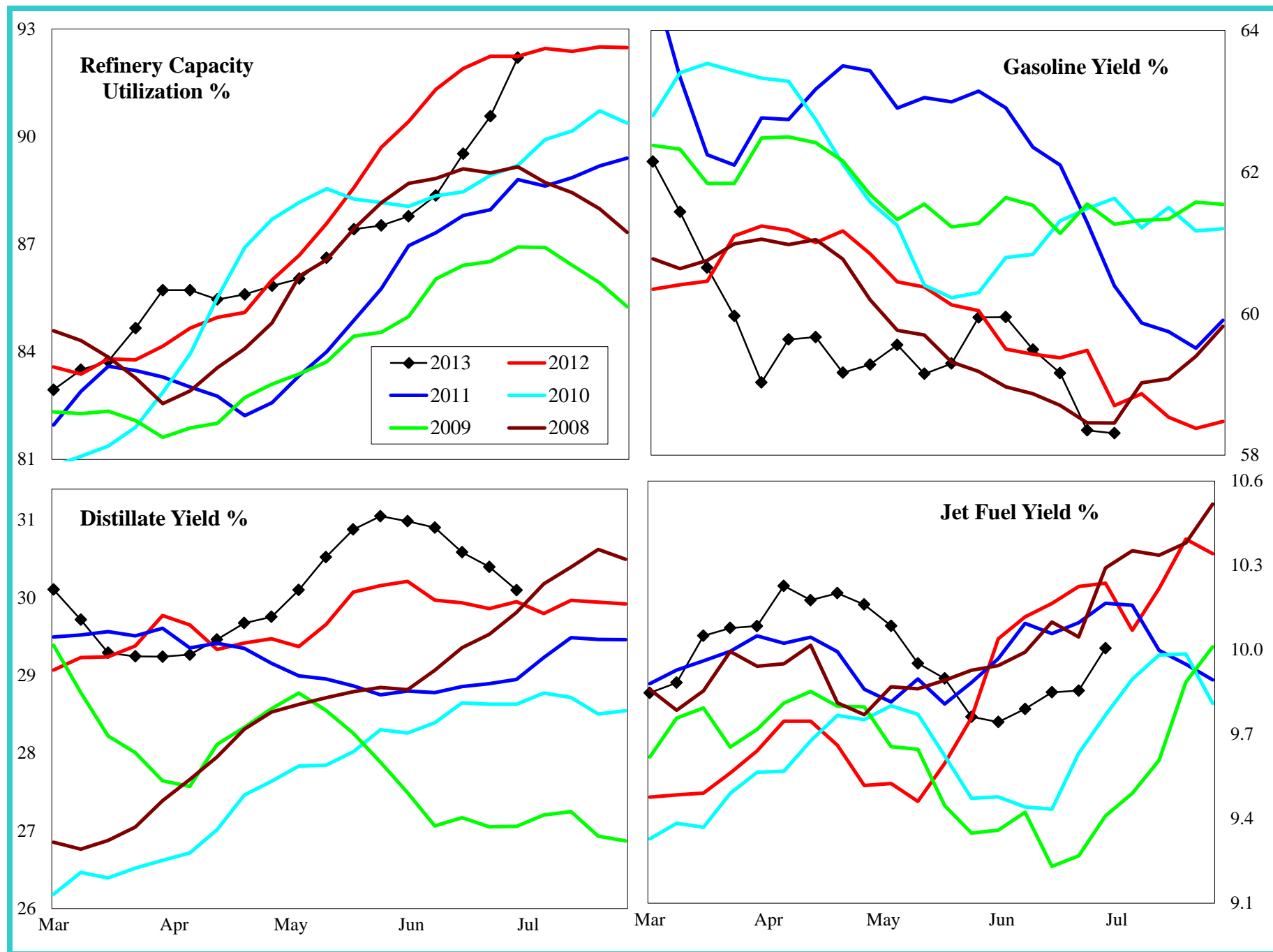
	000 bpd change from prior year				% change from prior year			
	4wk avg	May	Jan	Jan	4wk avg	May	Apr	Mar
Gasoline	2	-269	-319	-17	0.0	-3.0	-3.6	-0.2
Distillate	393	96	-68	66	10.6	2.6	-1.8	1.8
Jet Fuel	-100	75	63	-13	-6.3	5.3	4.6	-0.9
Resid	-37	111	-141	15	-12.0	37.8	-34.6	3.6



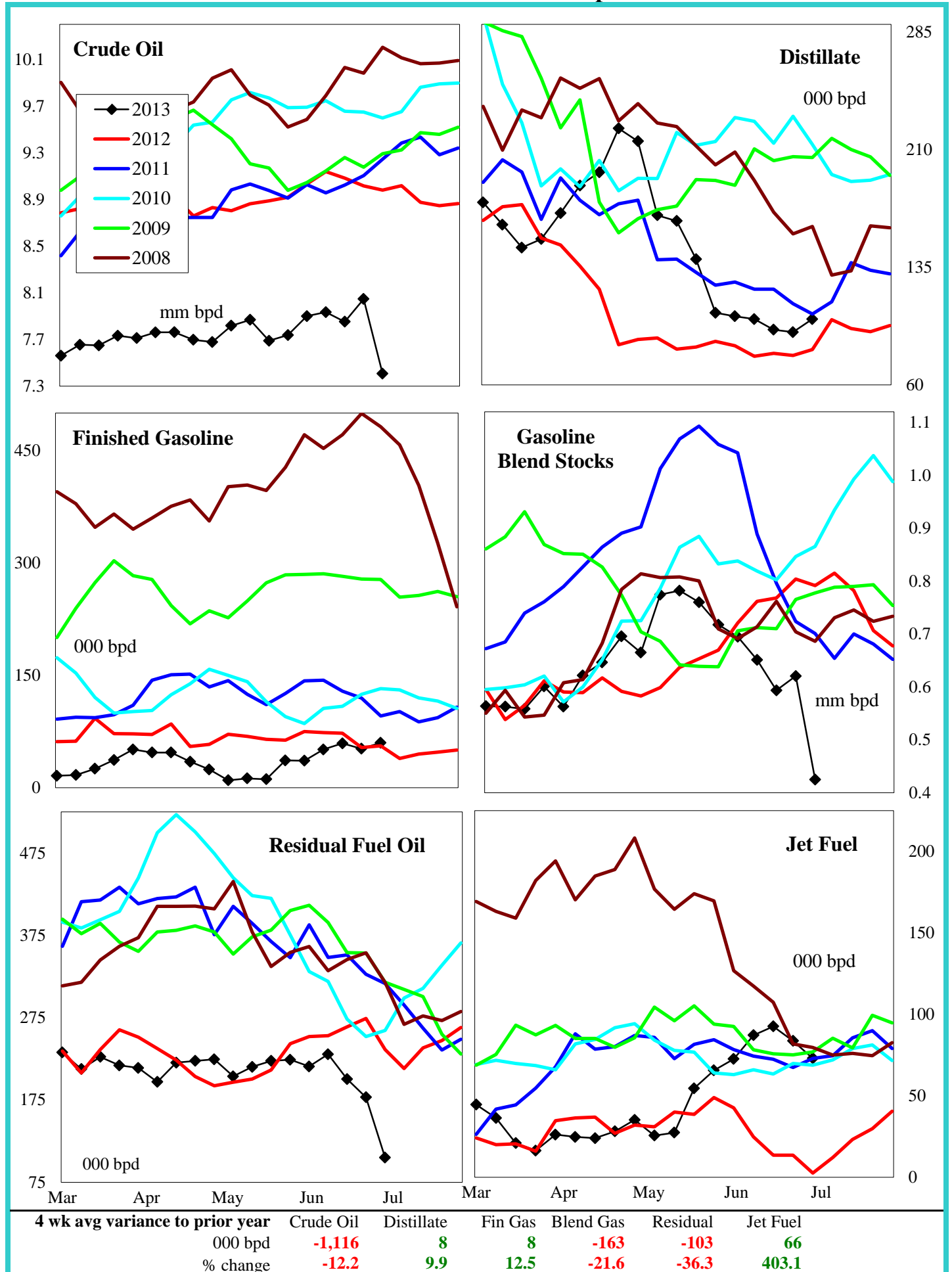
United States Product Stocks: Days Forward Coverage



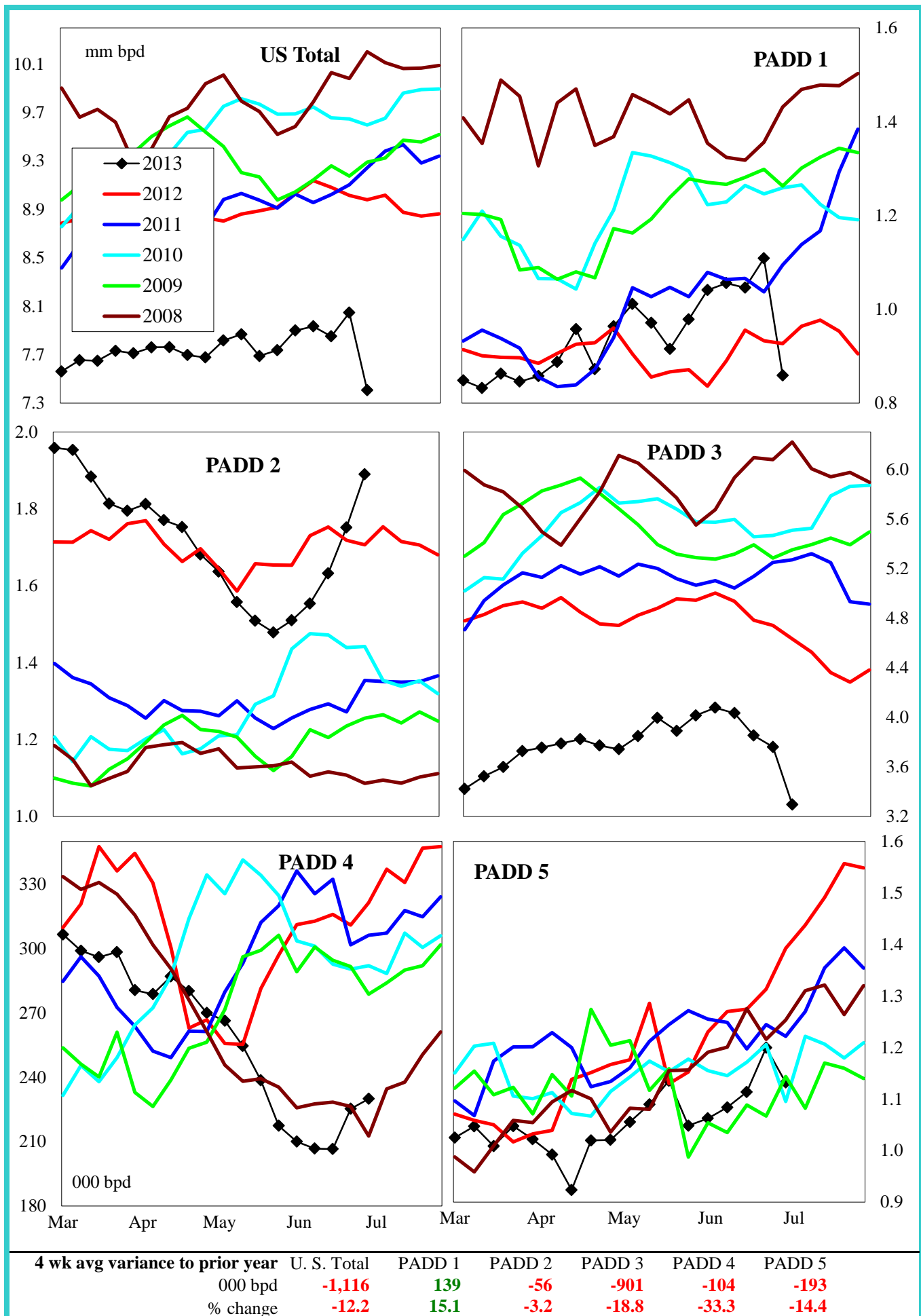
United States Refinery Percent Utilization Rate and Product Yields



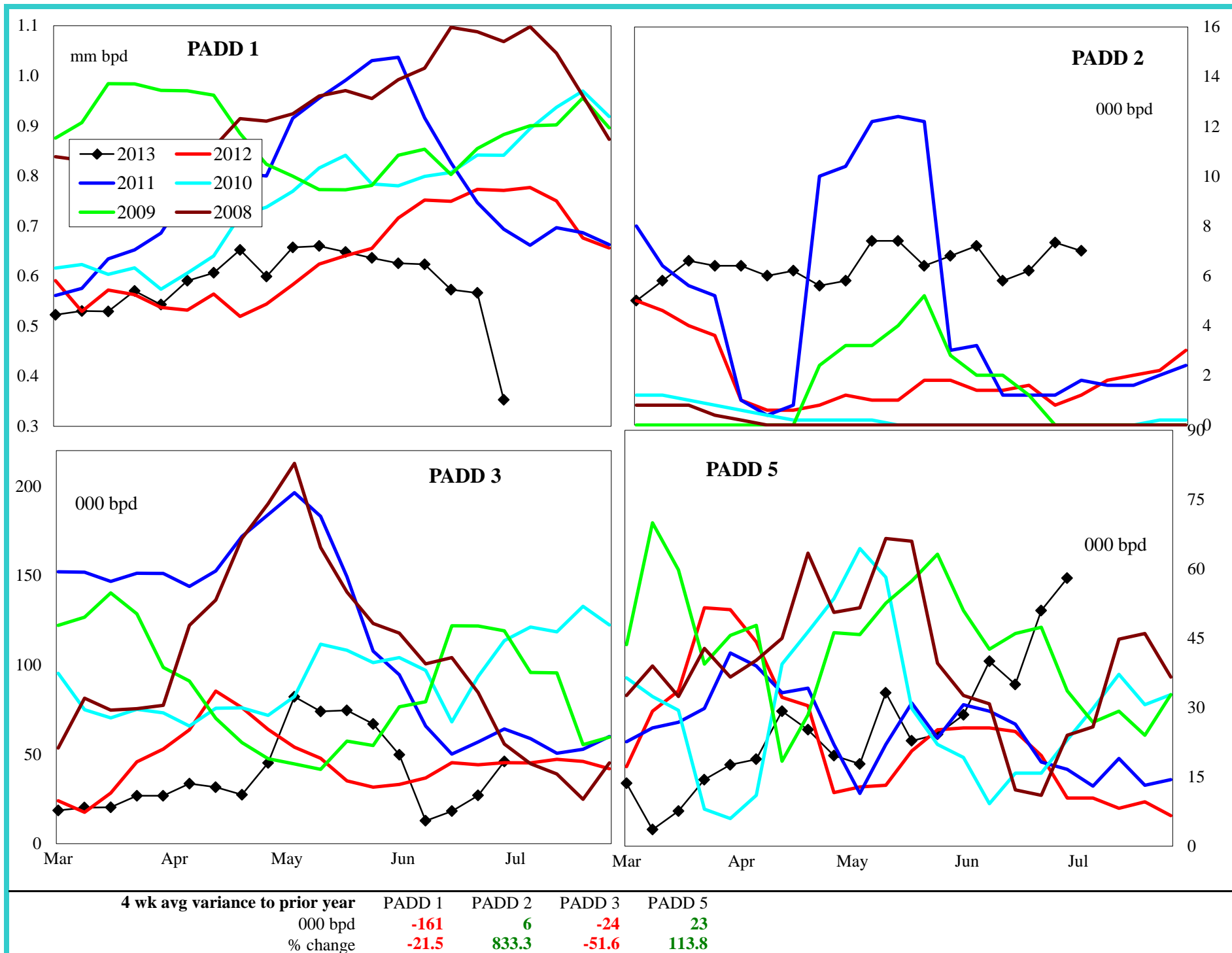
United States Petroleum Imports



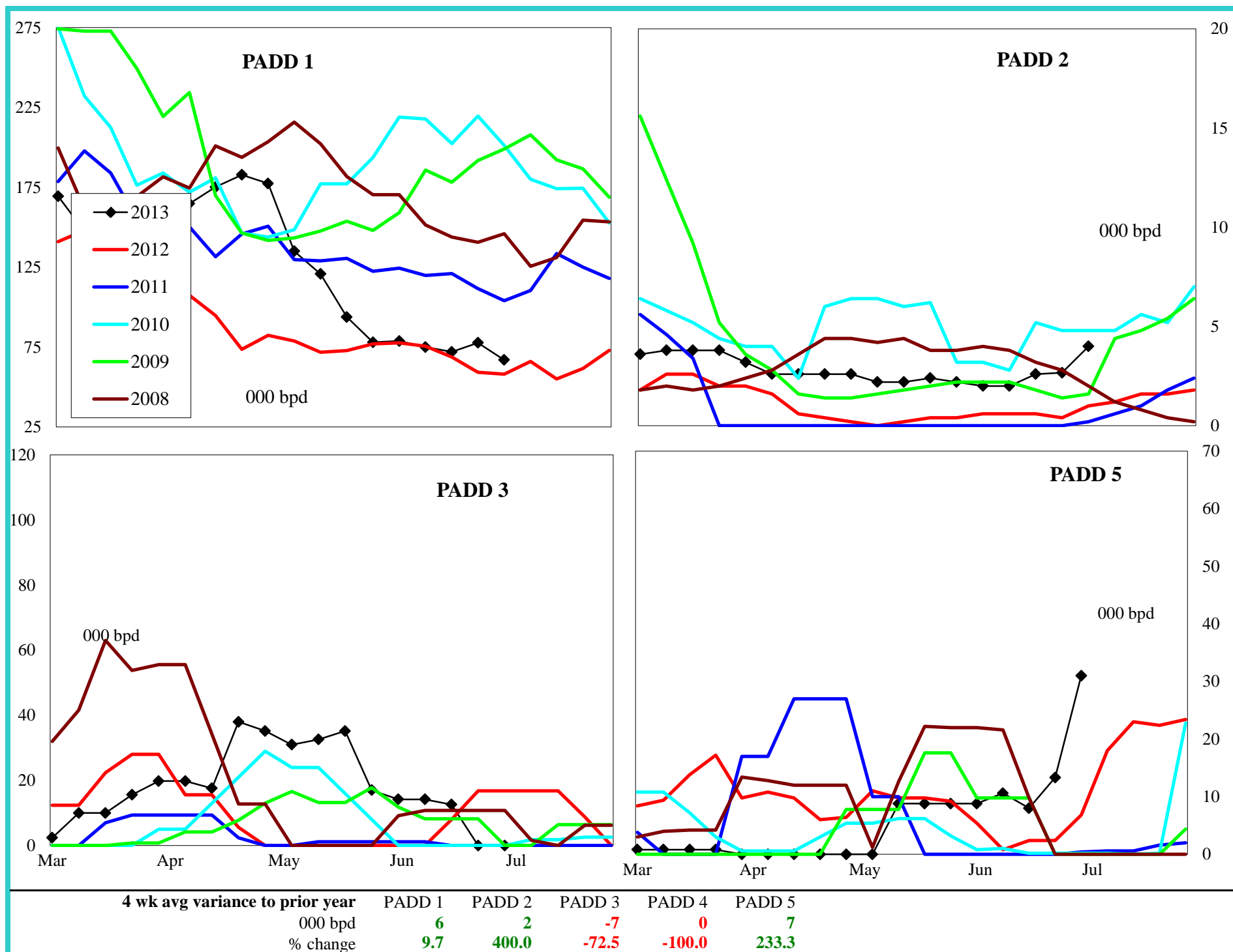
Crude Oil Imports by PADD



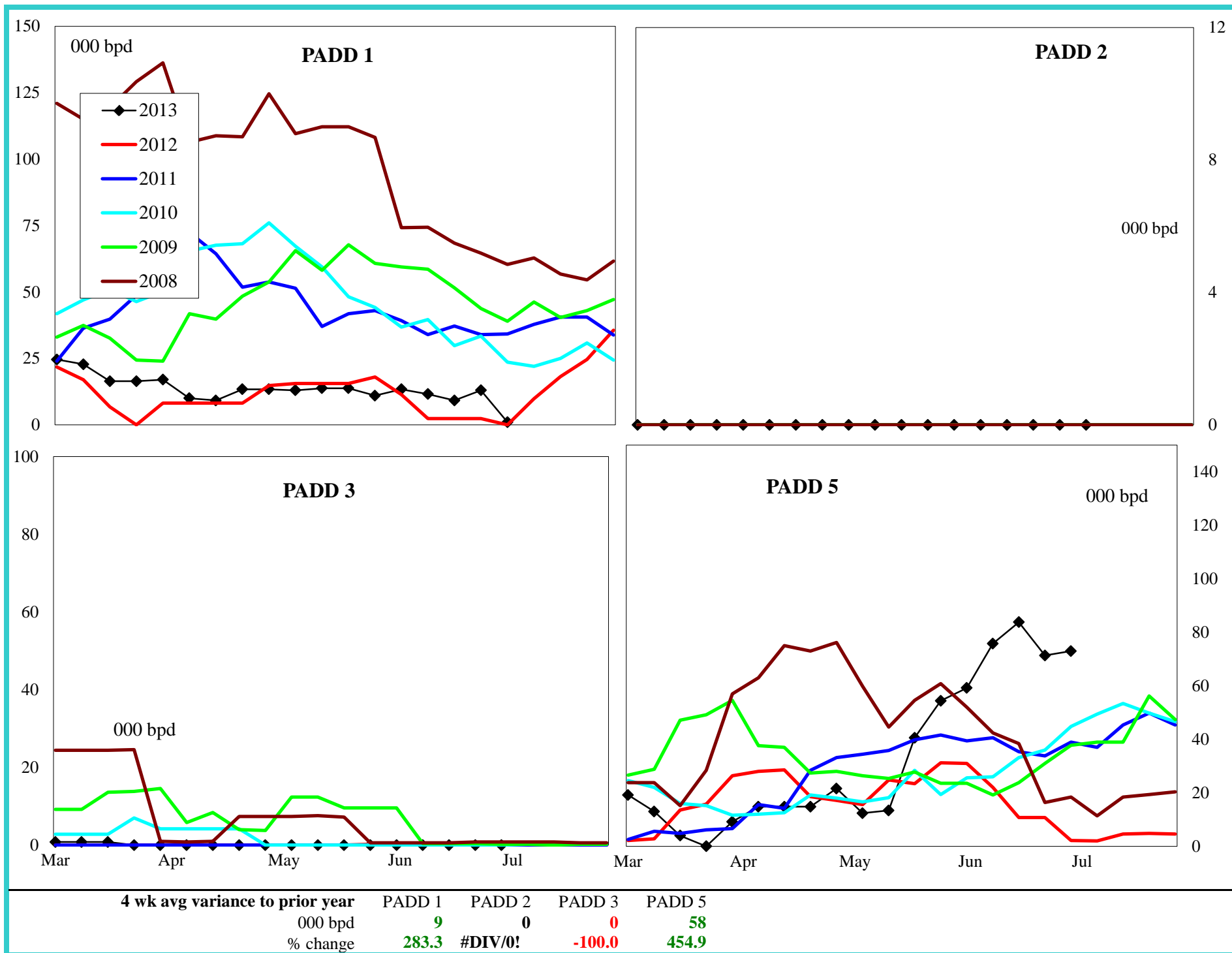
Gasoline Imports by PADD (Finished + Blend Stocks)



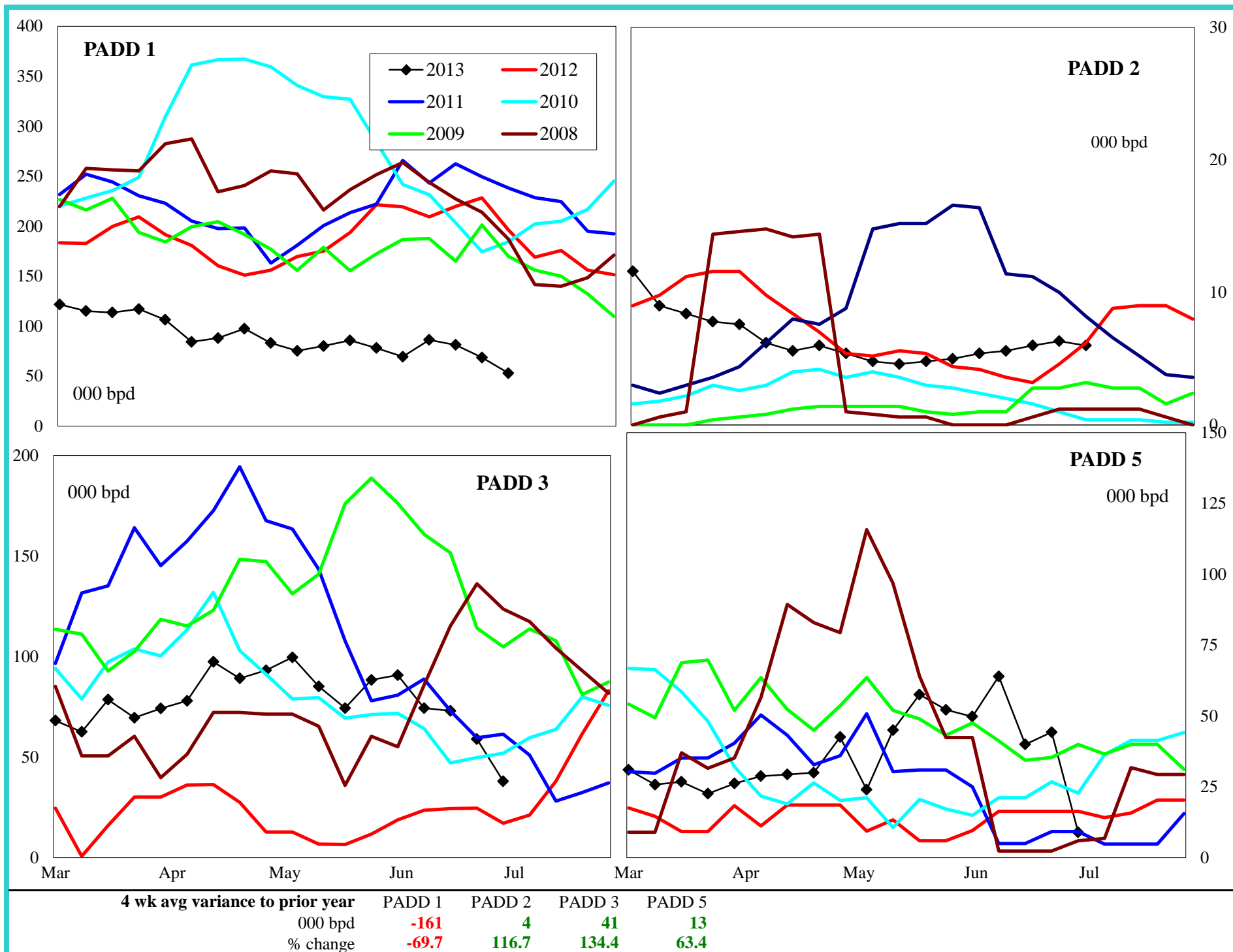
Distillate Imports by PADD



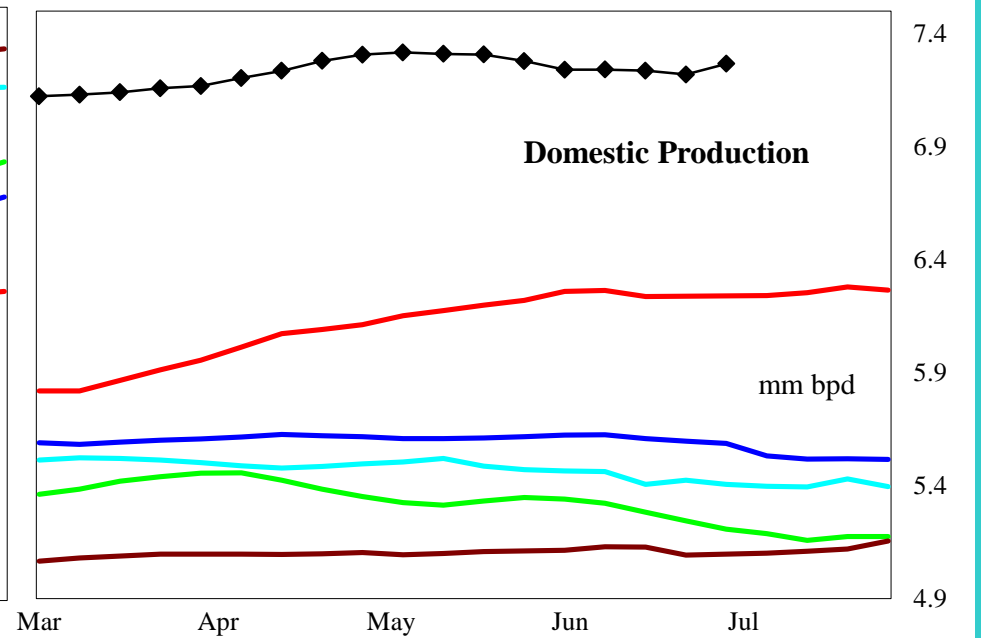
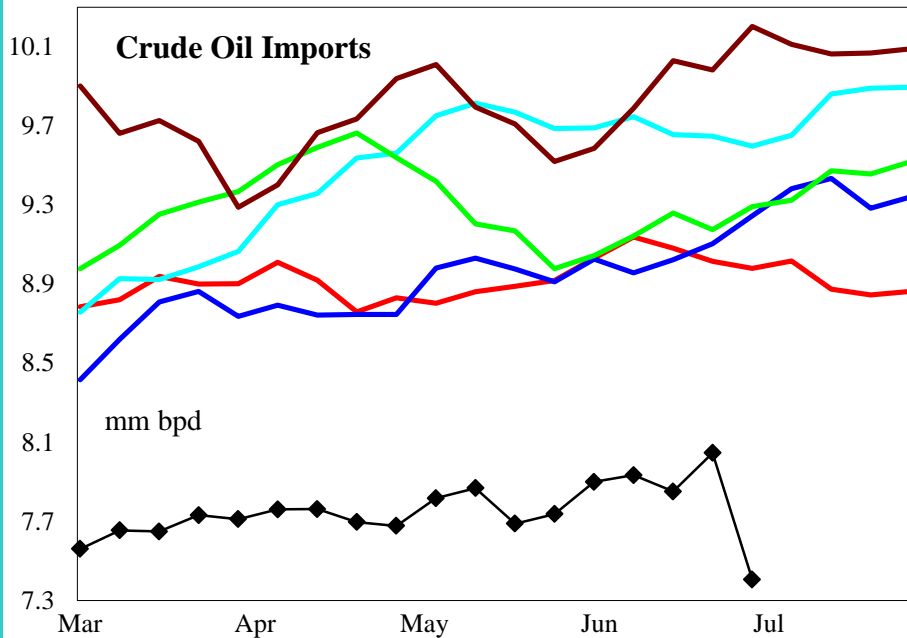
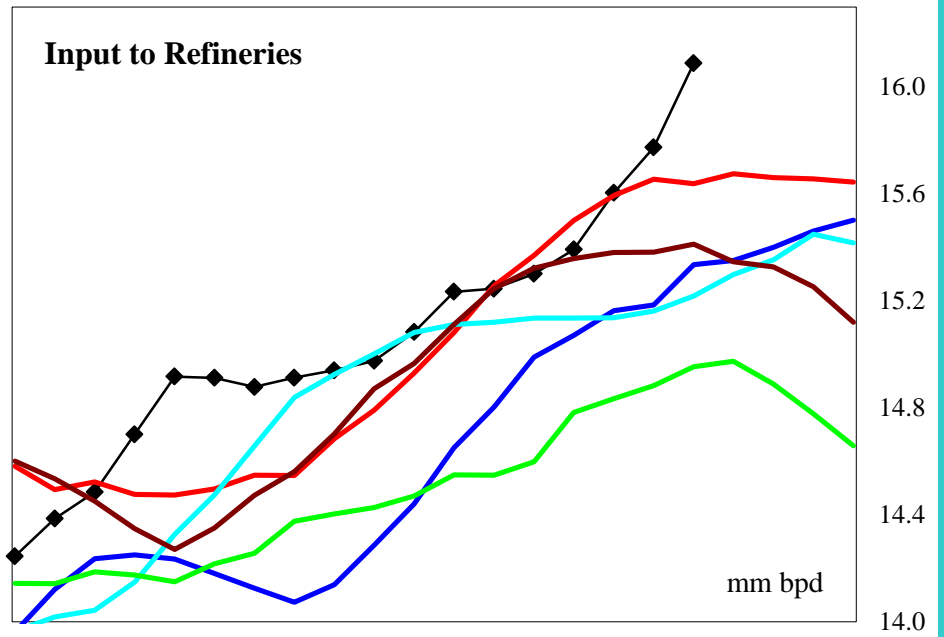
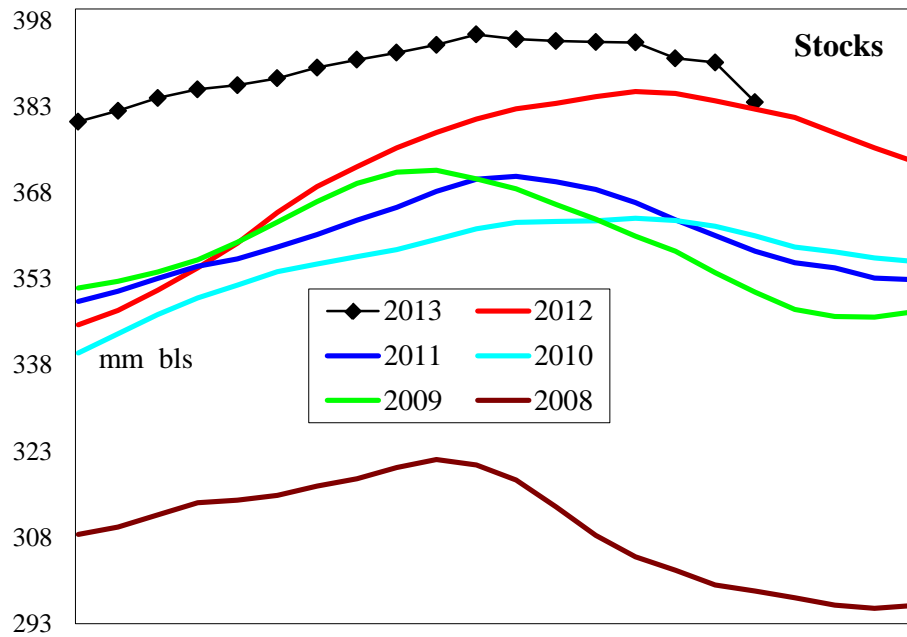
Jet Fuel Imports by PADD



Residual Fuel Oil Imports by PADD



United States Crude Oil Supply and Demand Balance



4 wk avg variance to prior year

000 bpd (000 bbls stks)

% change

Stocks

896

0.2

Input

15

0.1

Imports

-1,116

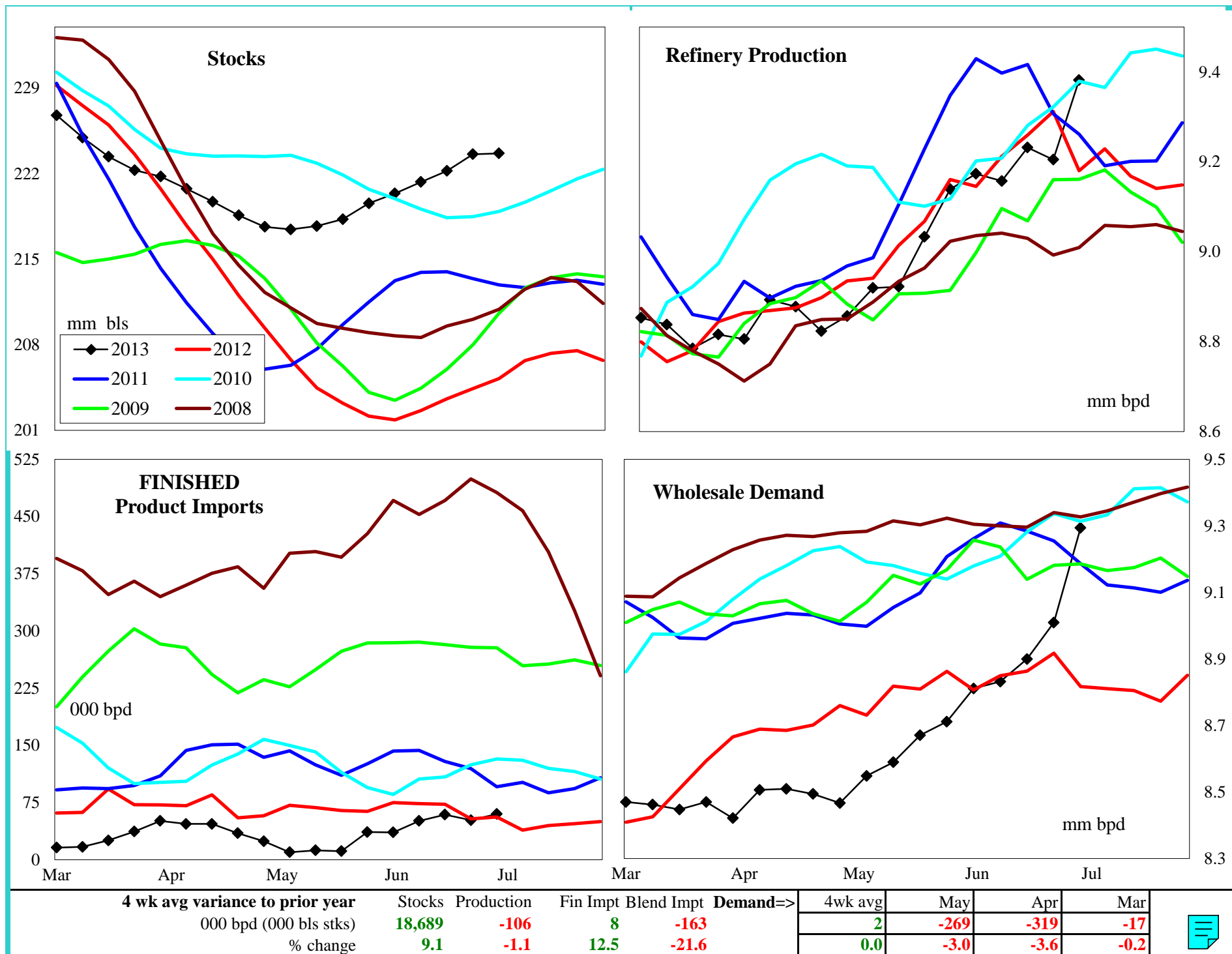
-12.2

U.S. Production

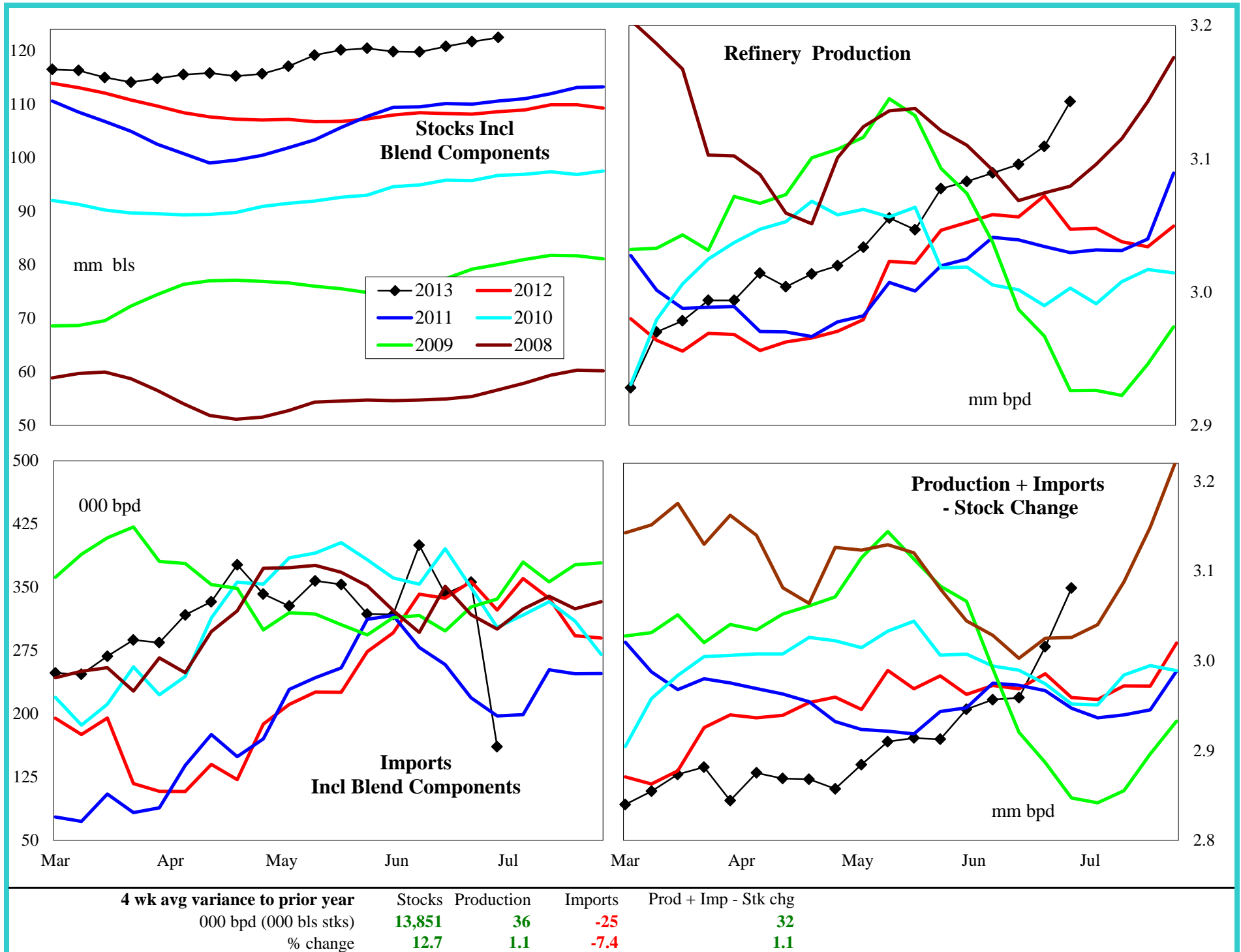
985

15.8

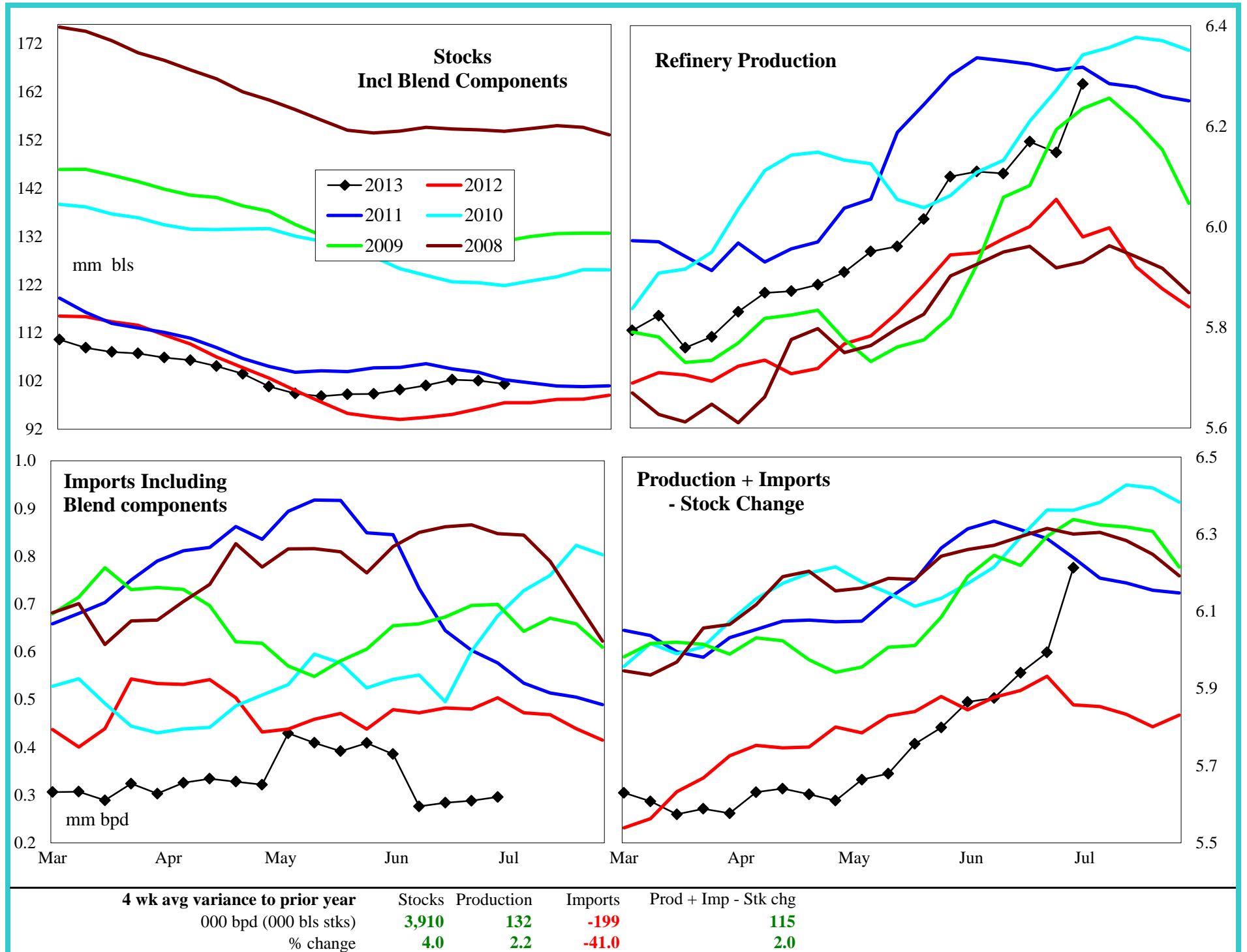
United States Gasoline Supply and Demand Balance



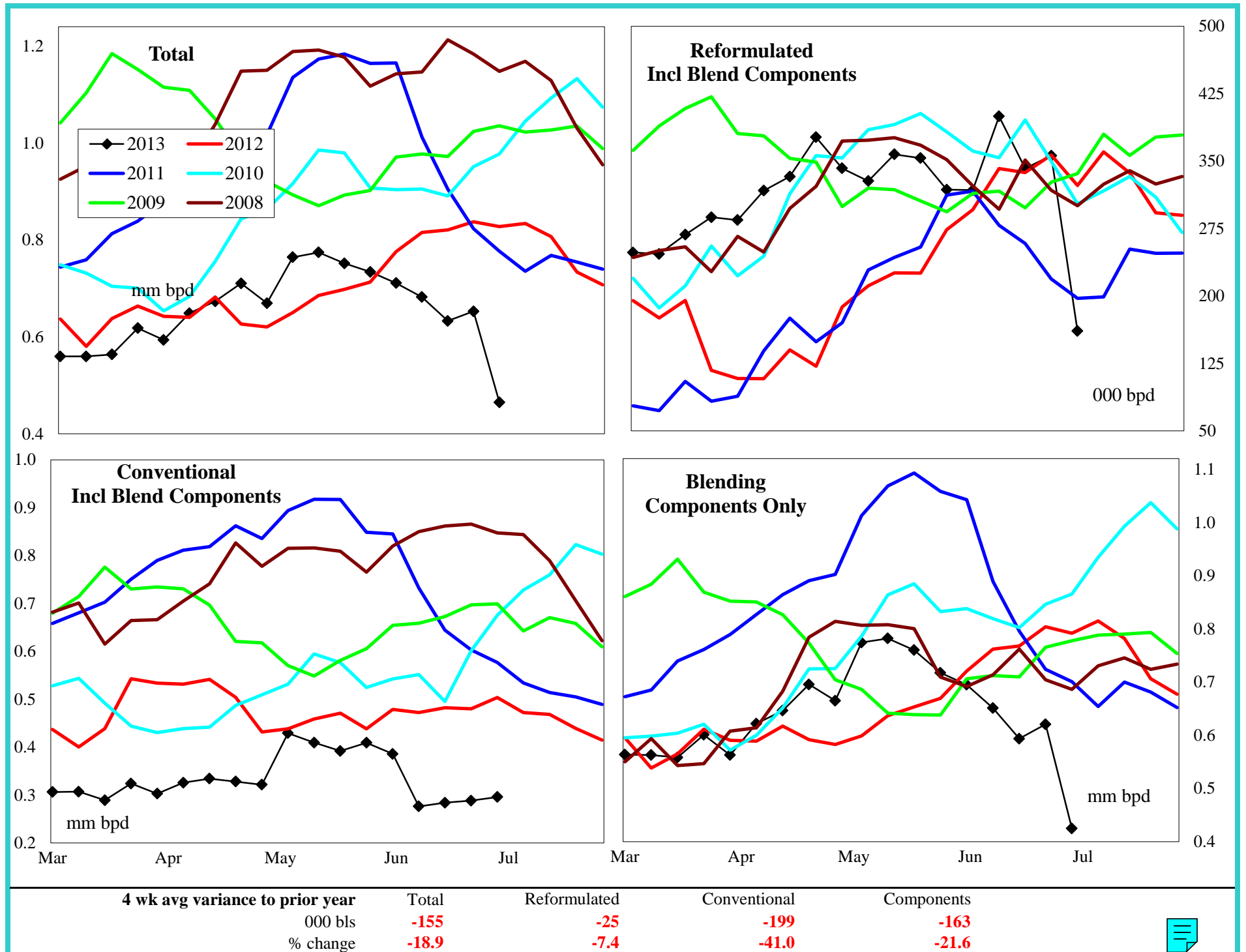
United States Reformulated Gasoline Supply



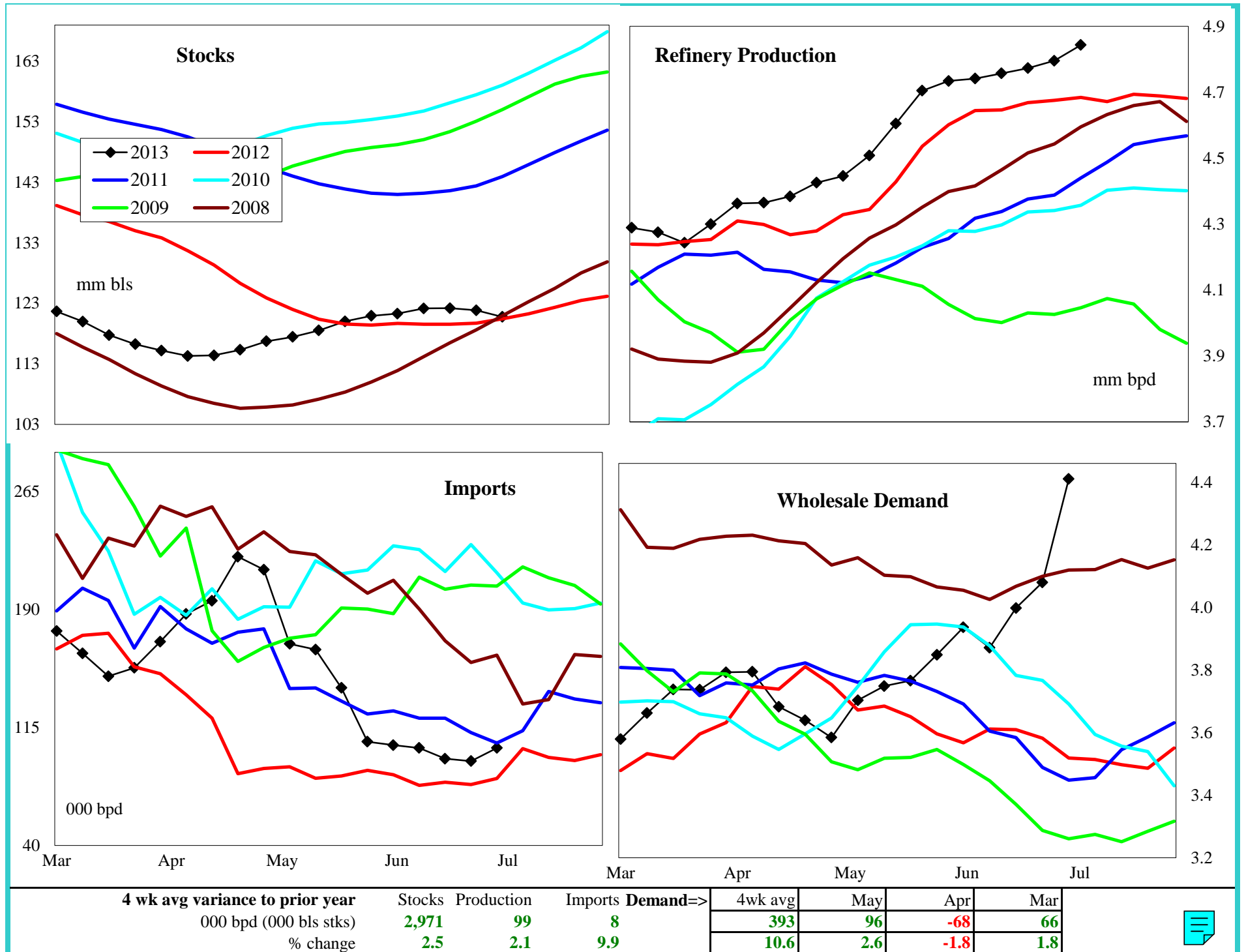
United States Conventional Gasoline Supply



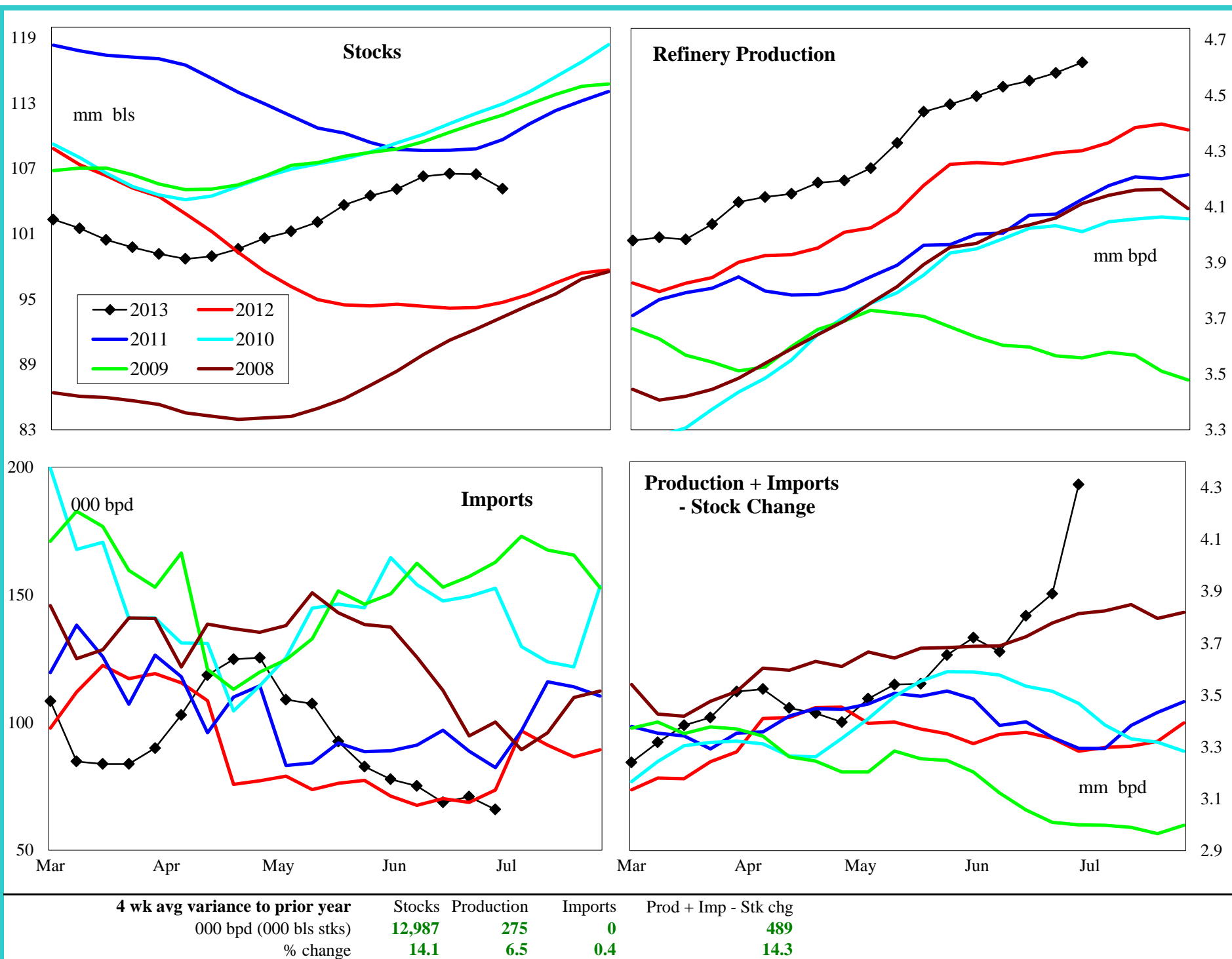
United States Gasoline Imports by Type



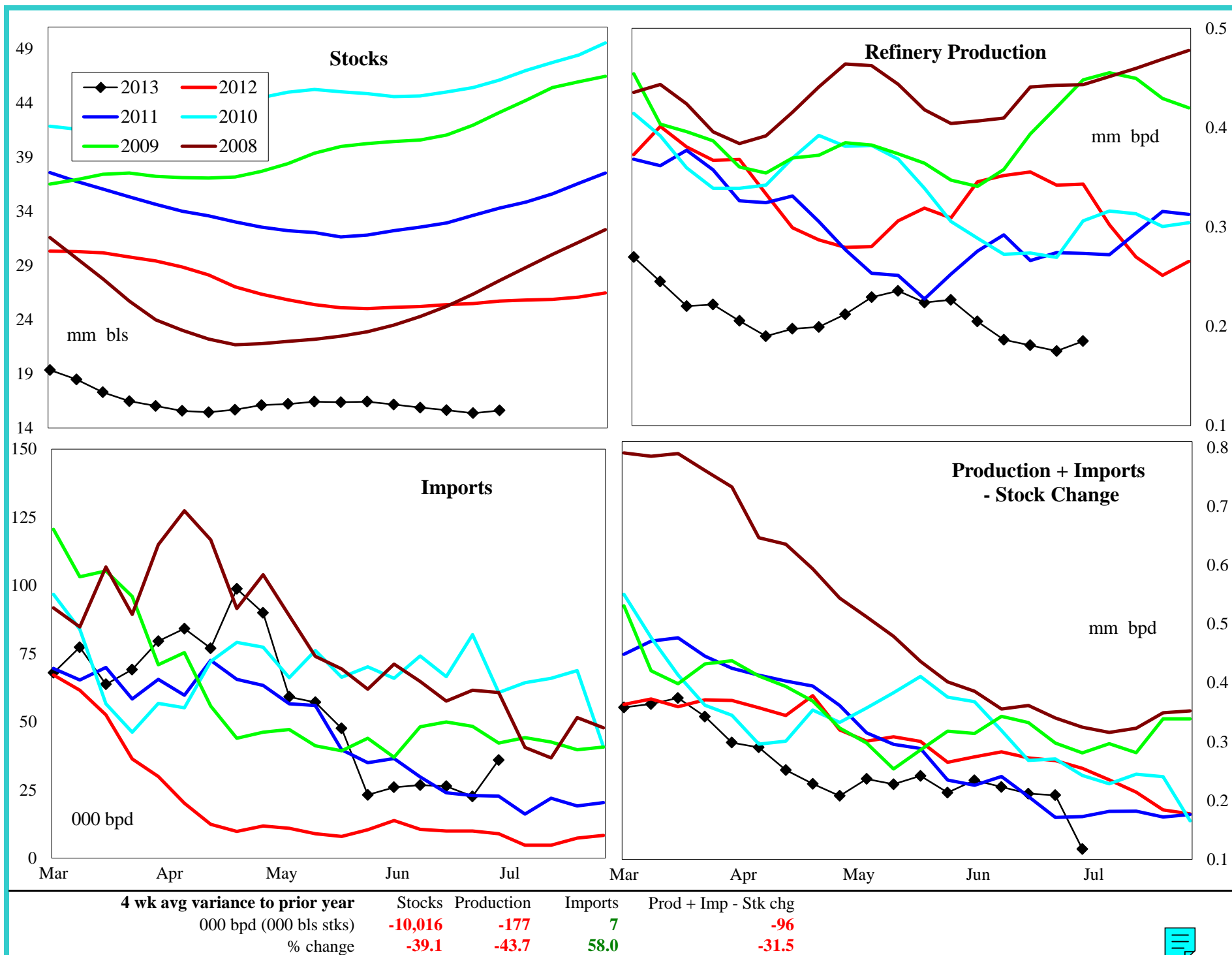
United States Distillate Supply and Demand Balance



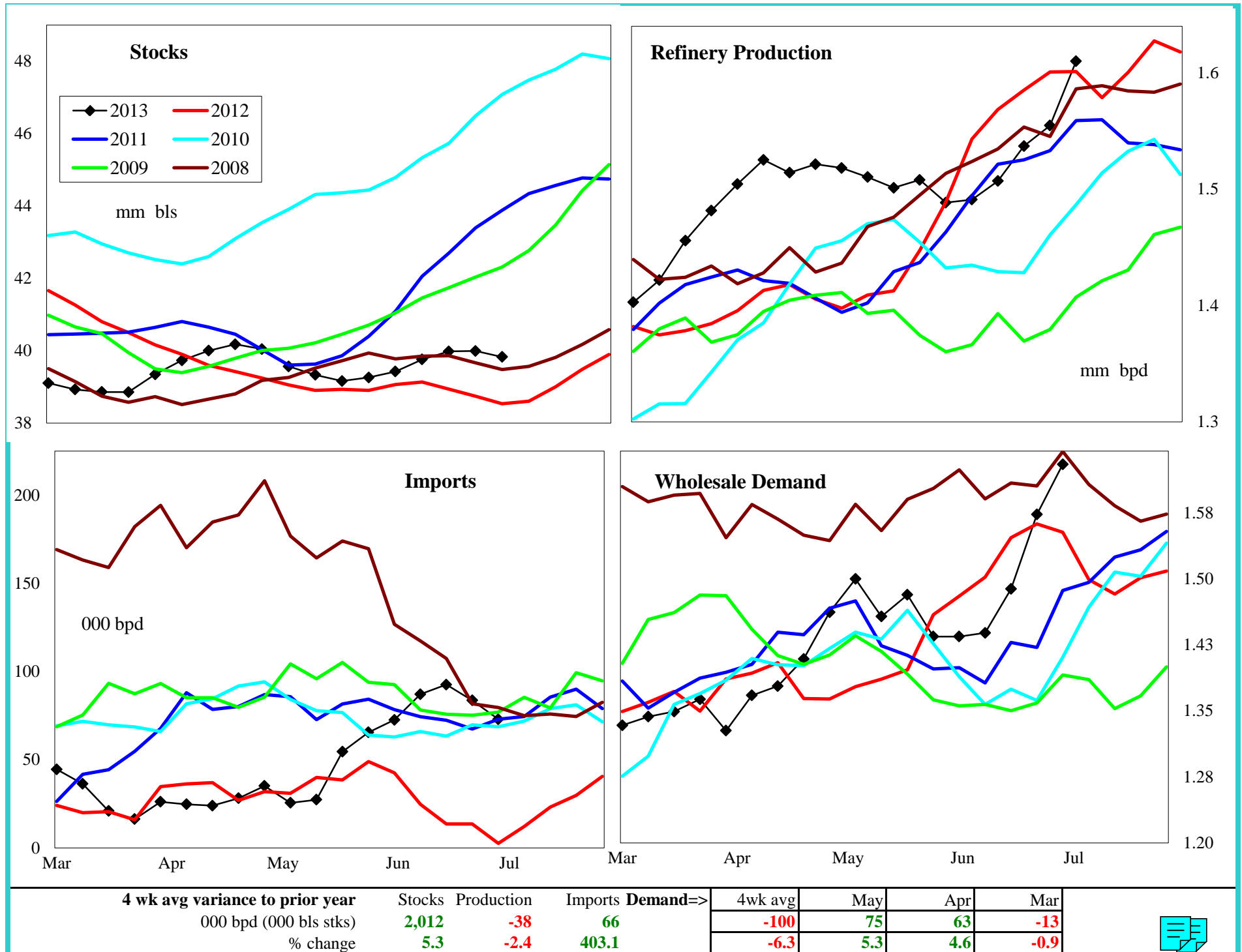
United States Low Sulfur Distillate Supply



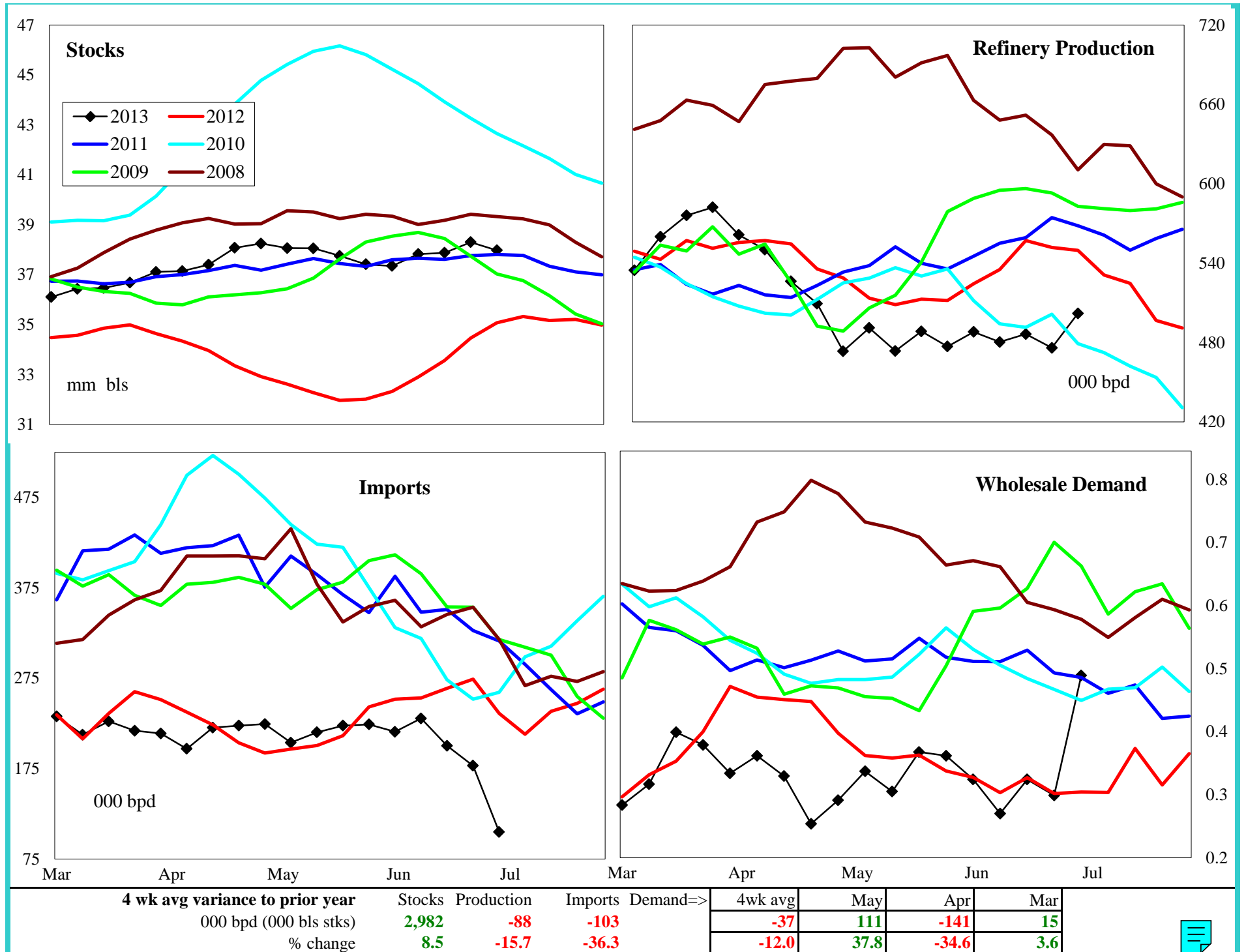
United States High Sulfur Distillate Supply



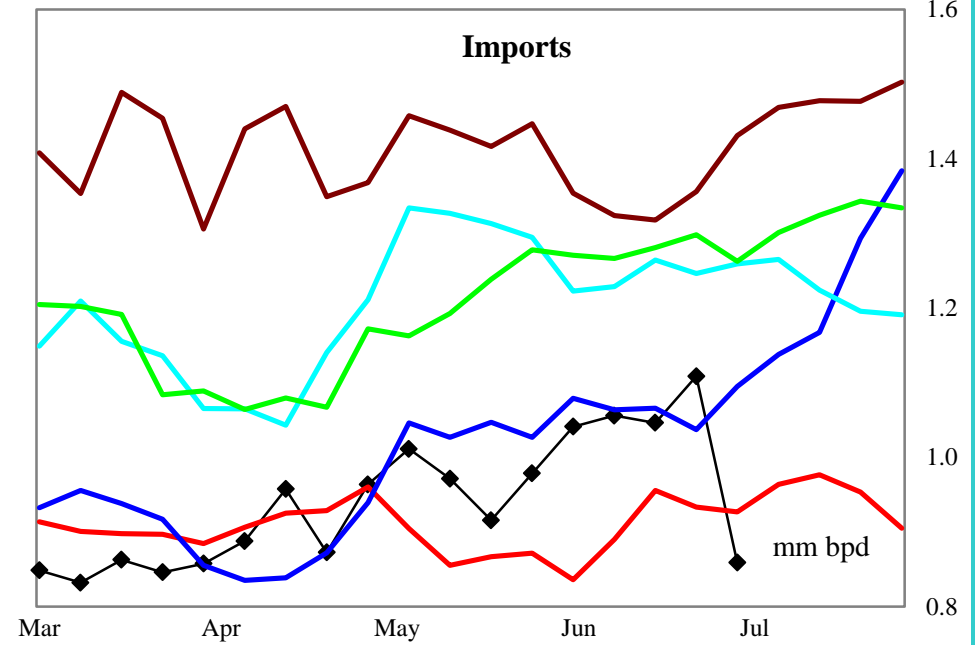
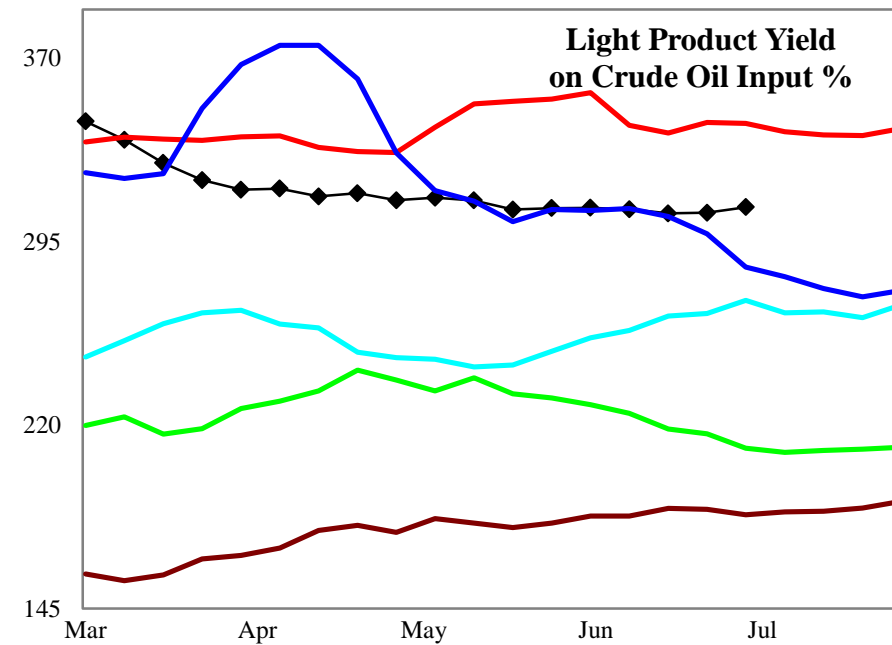
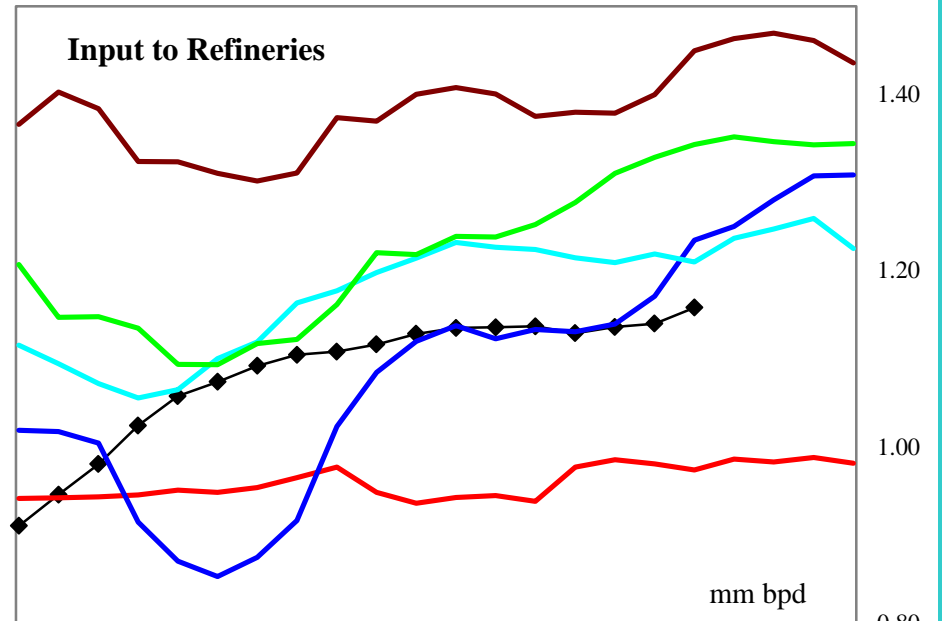
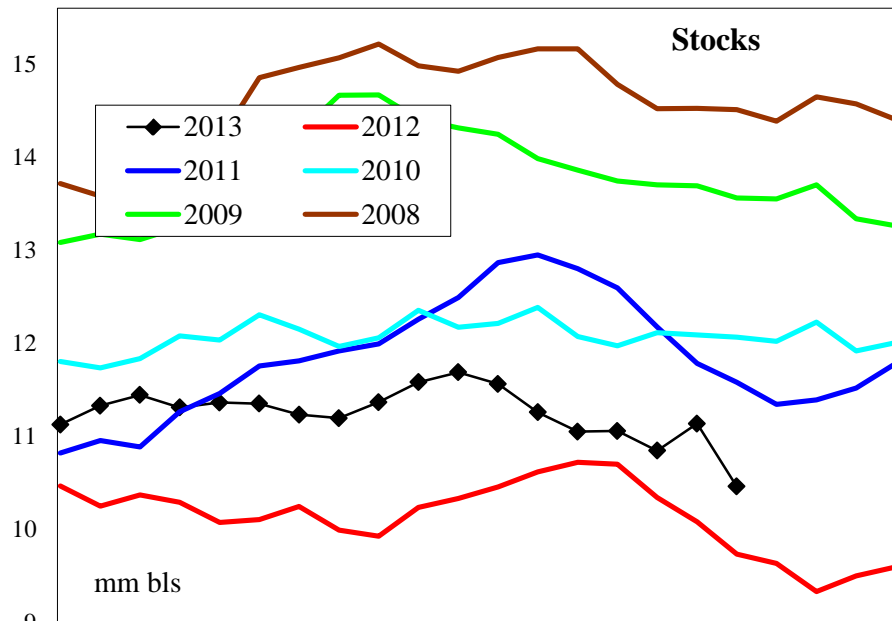
United States Jet Fuel Supply and Demand Balance



United States Residual Fuel Oil Supply and Demand Balance



PADD 1 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

726

7.2

Input

151

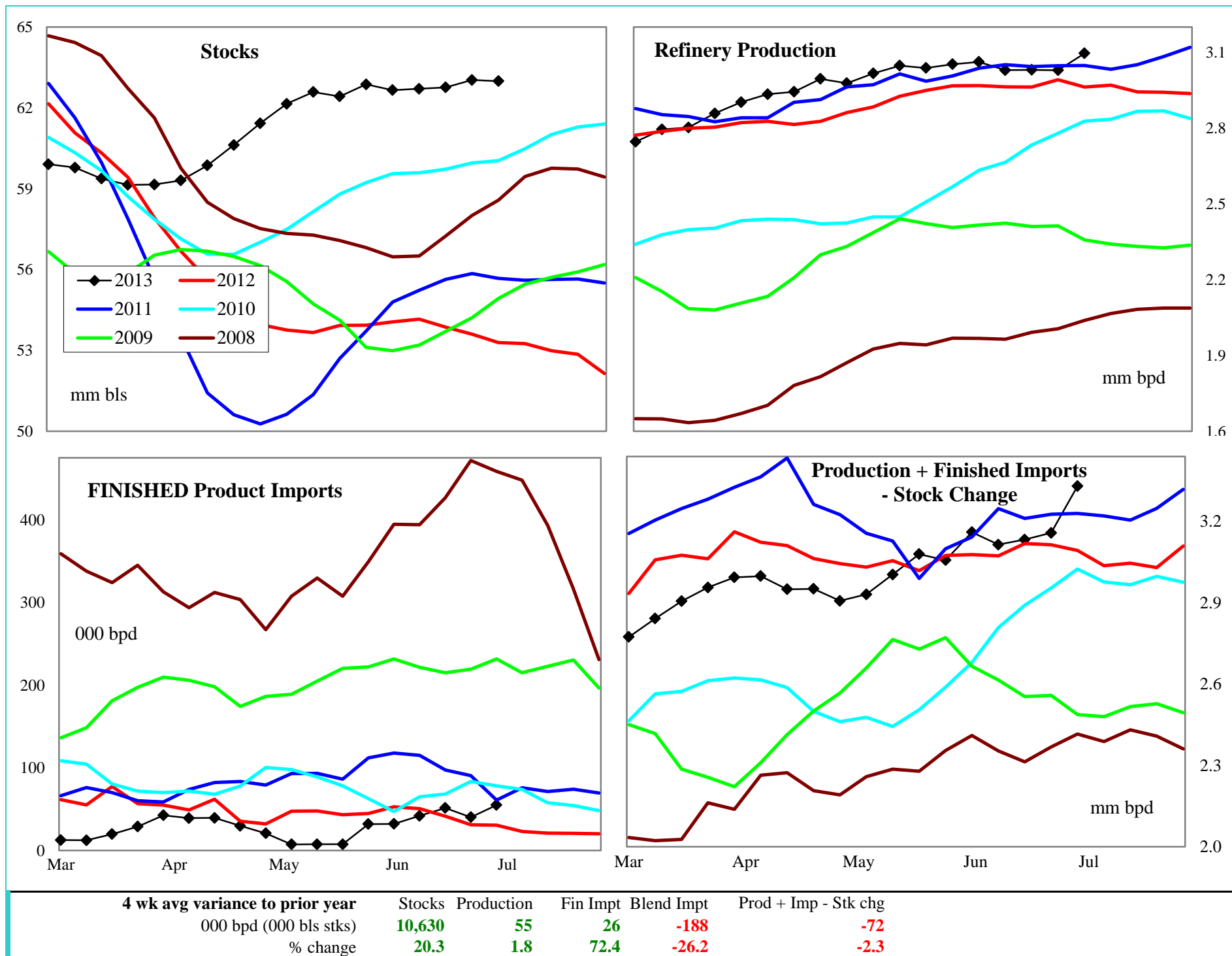
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Imports

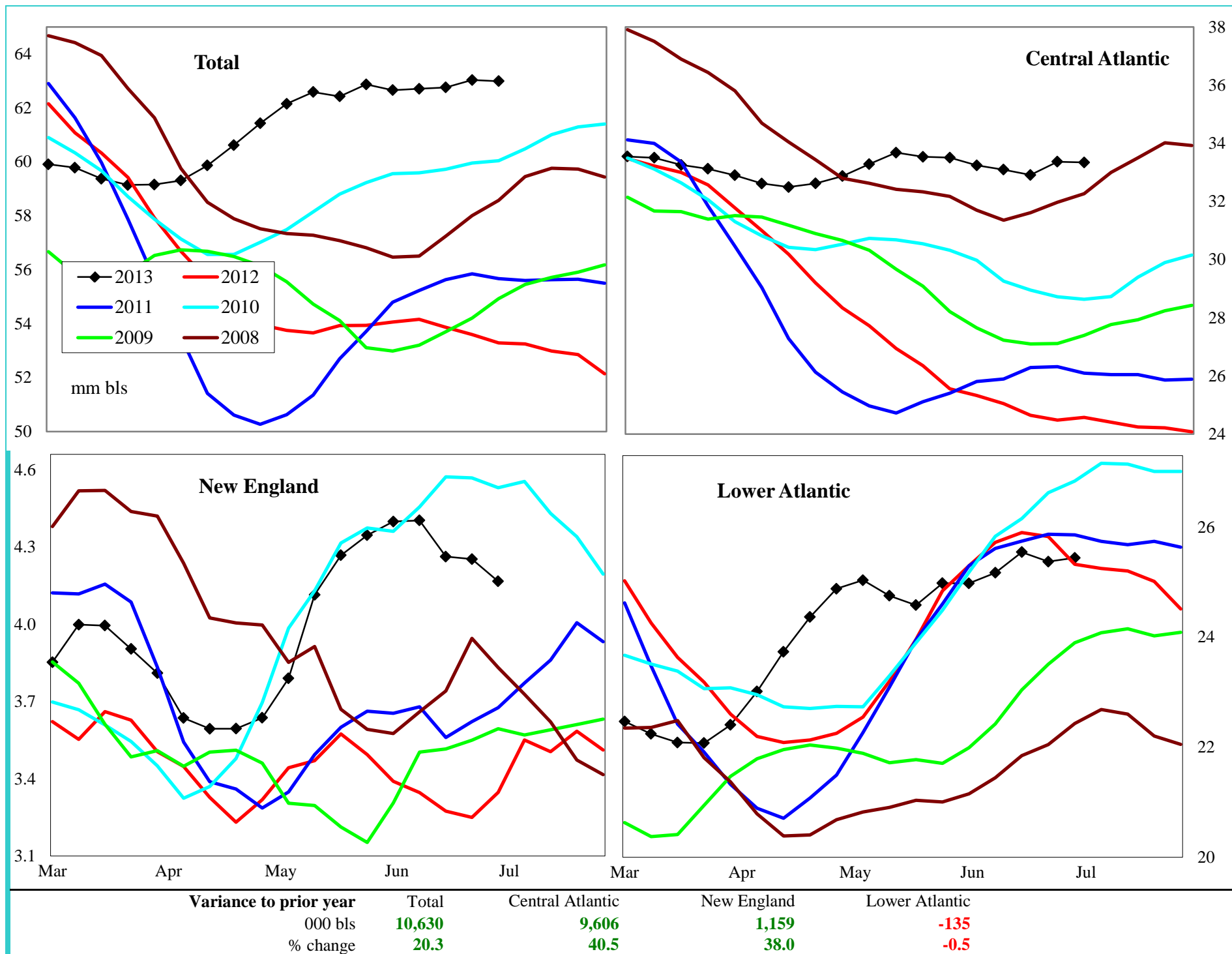
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15.1

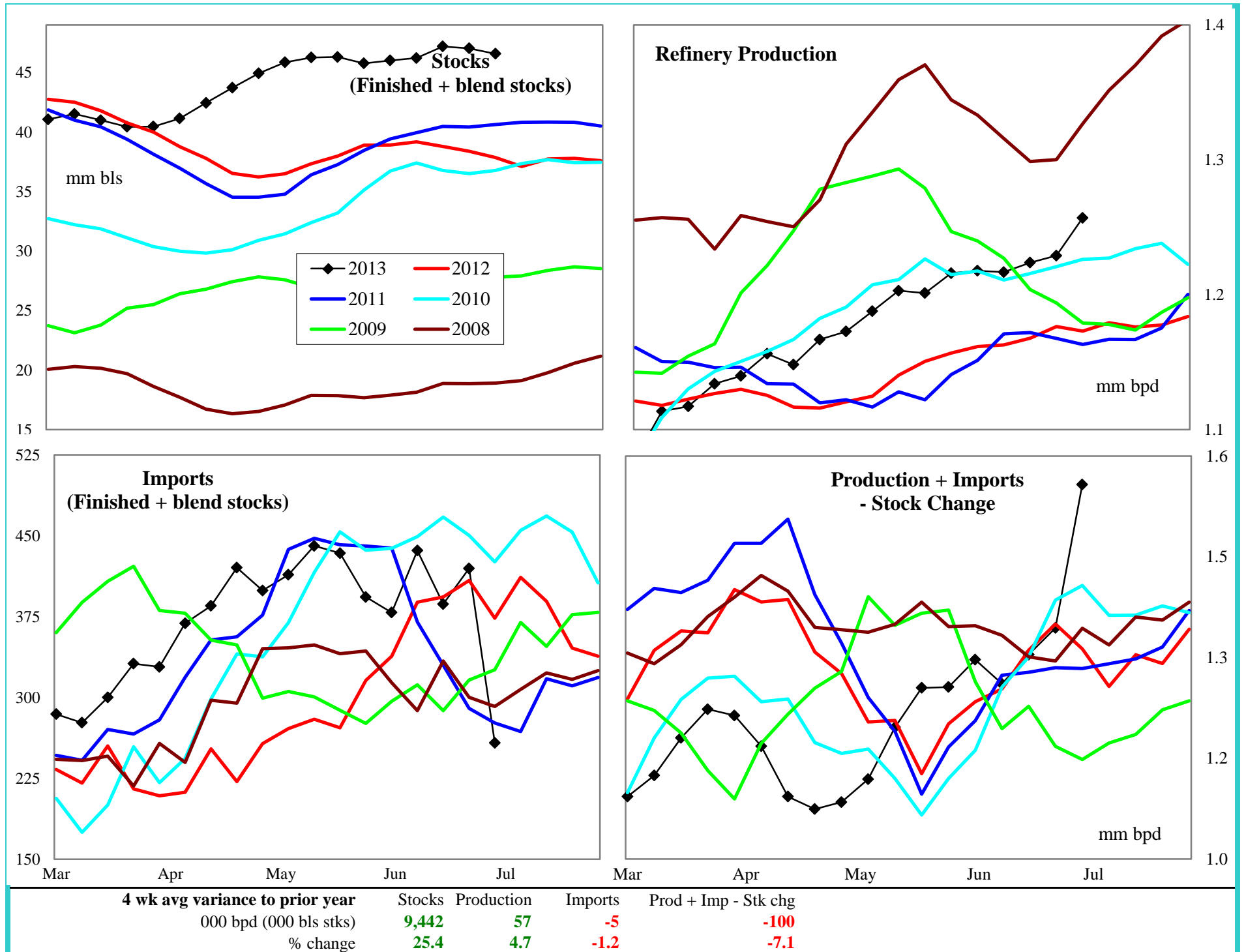
PADD 1 Gasoline Supply



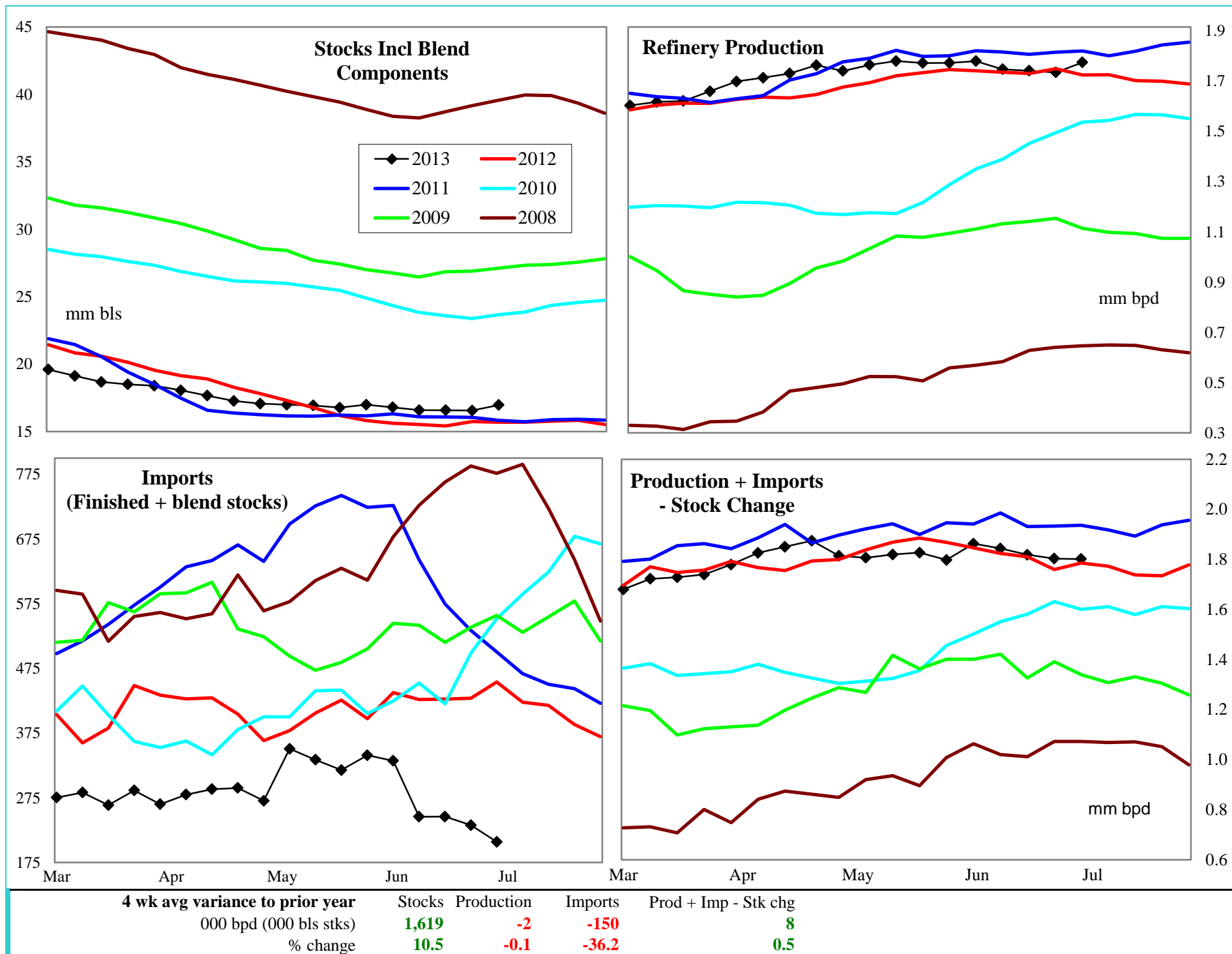
PADD 1 Gasoline Stocks by Region



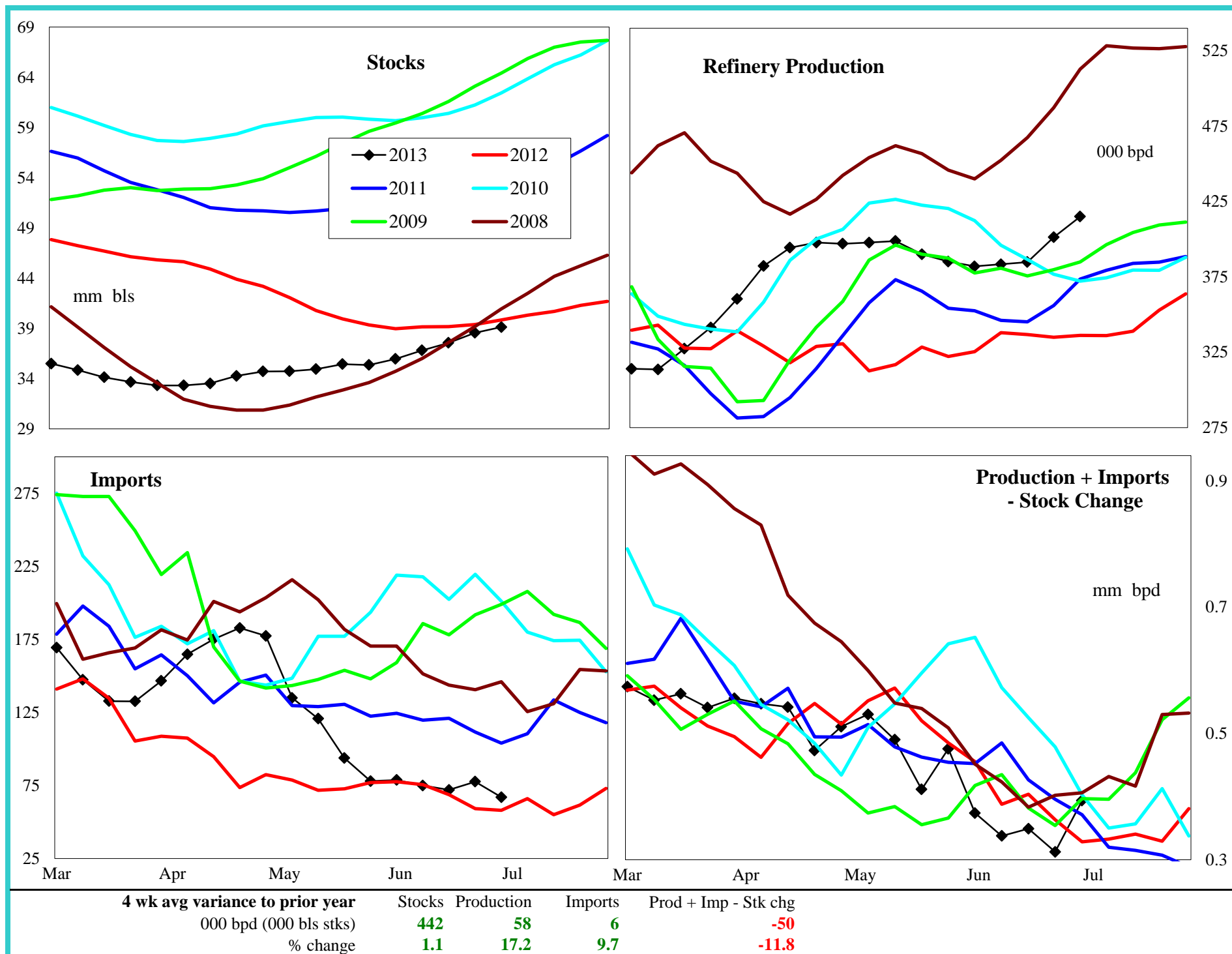
PADD 1 Reformulated Gasoline Supply



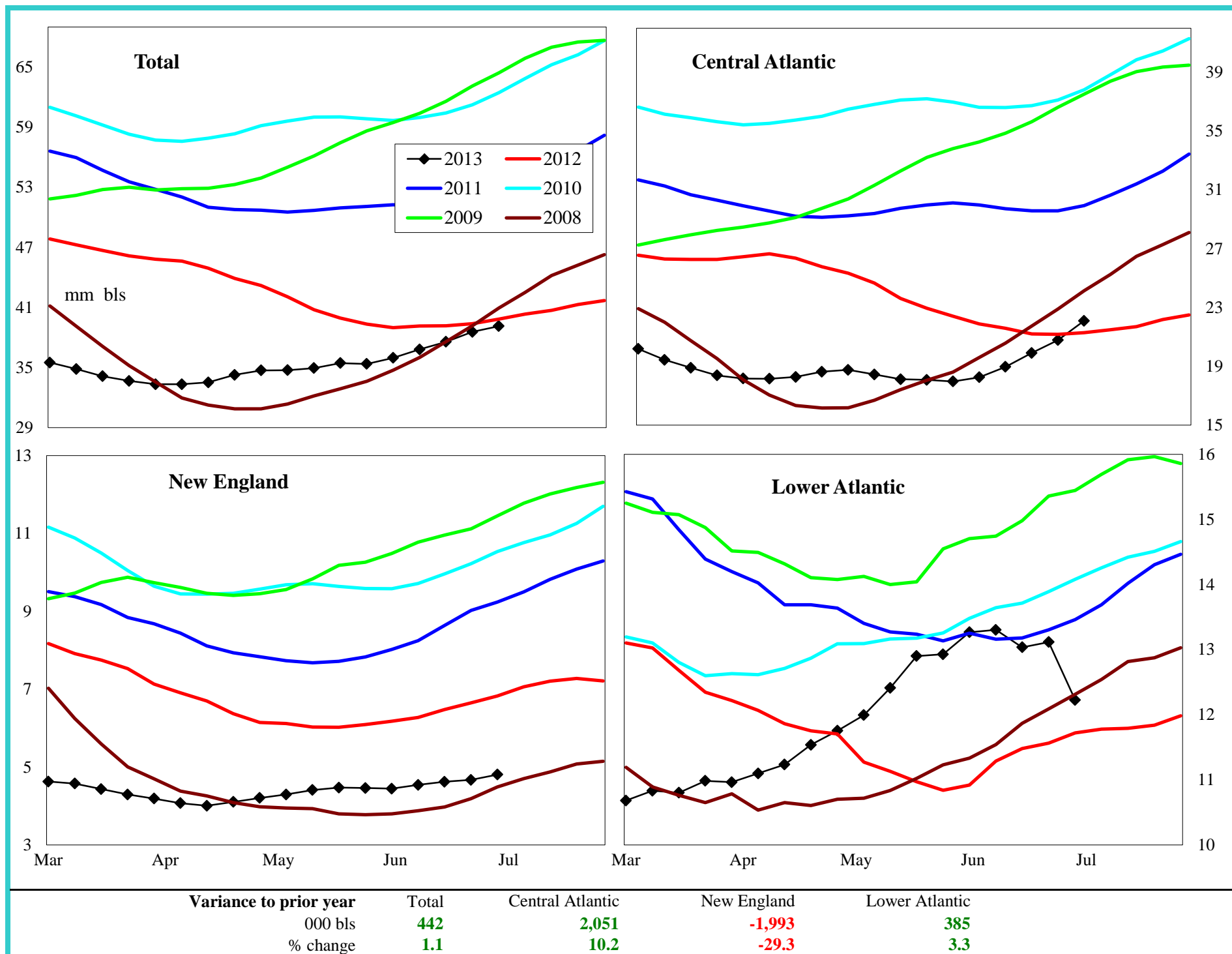
PADD 1 Conventional Gasoline Supply



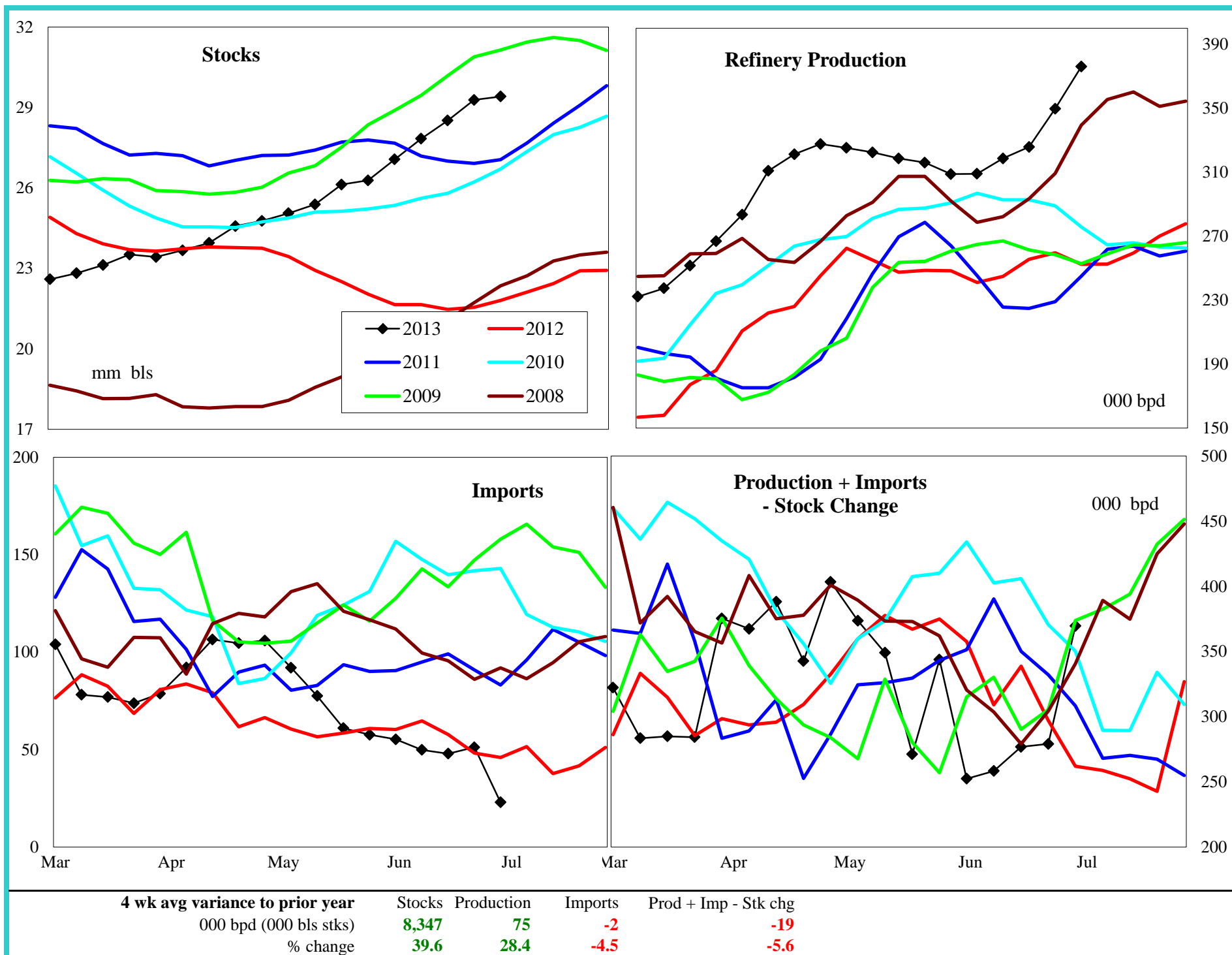
PADD 1 Distillate Supply



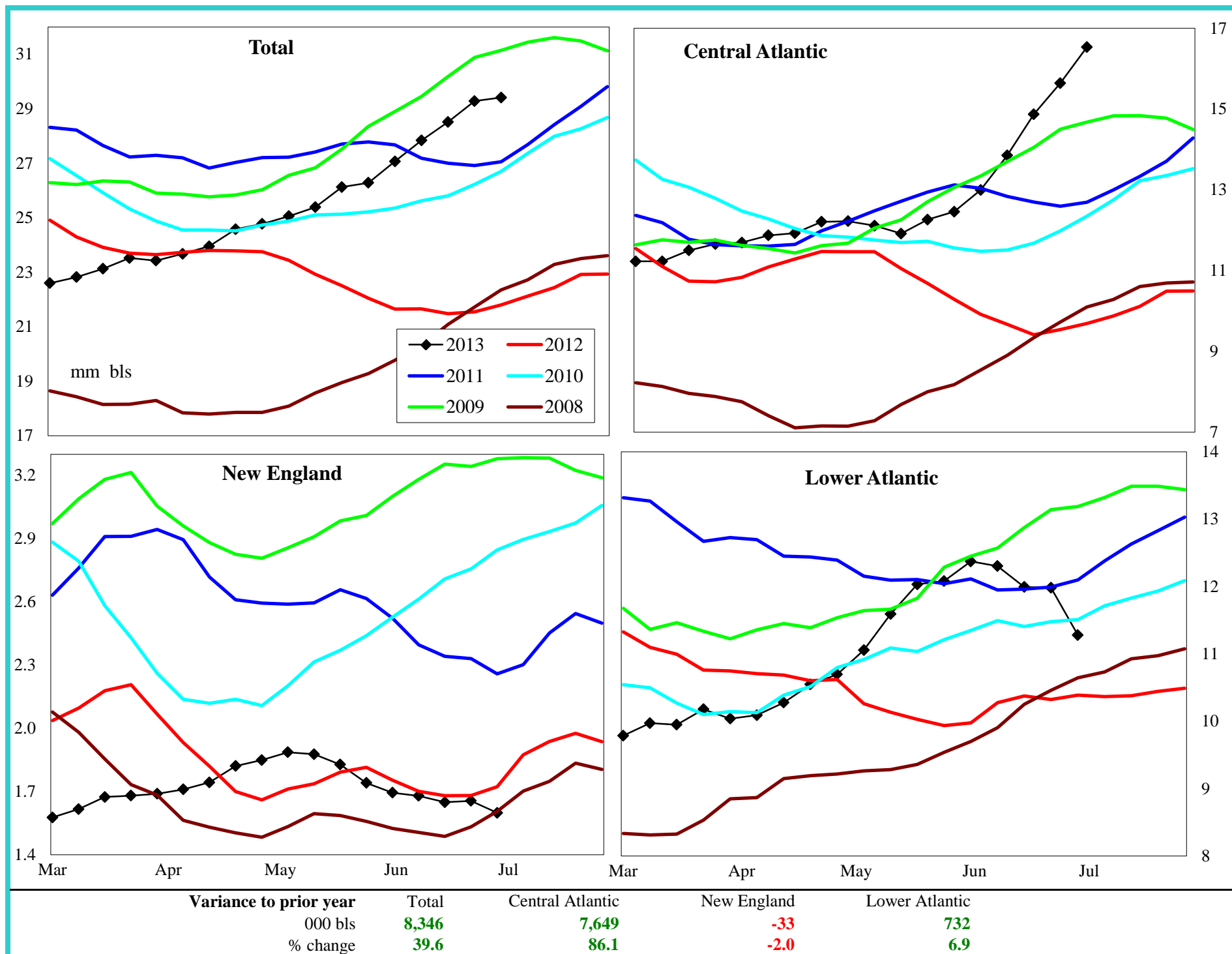
PADD 1 Distillate Stocks by Region



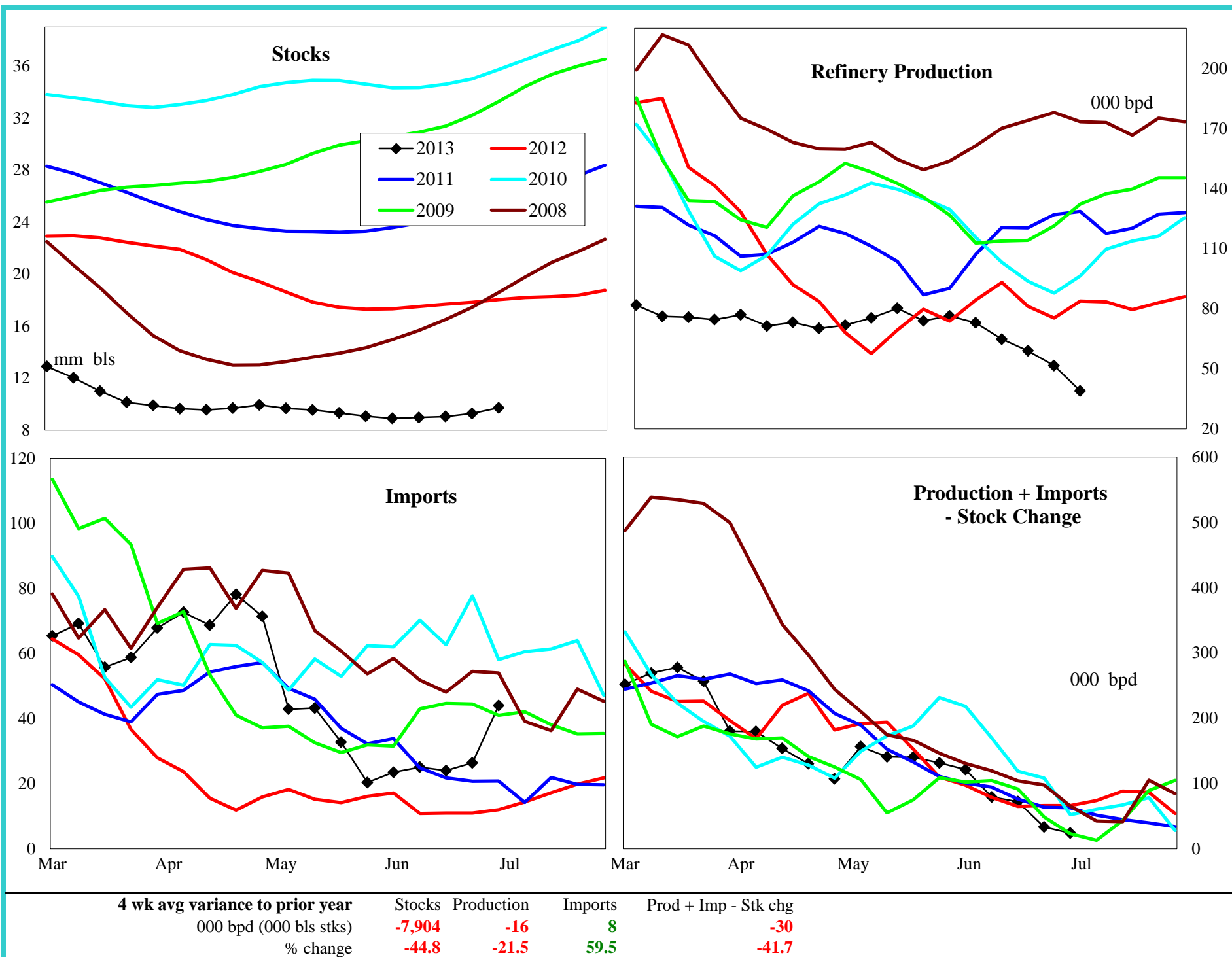
PADD 1 Low Sulfur Distillate Supply



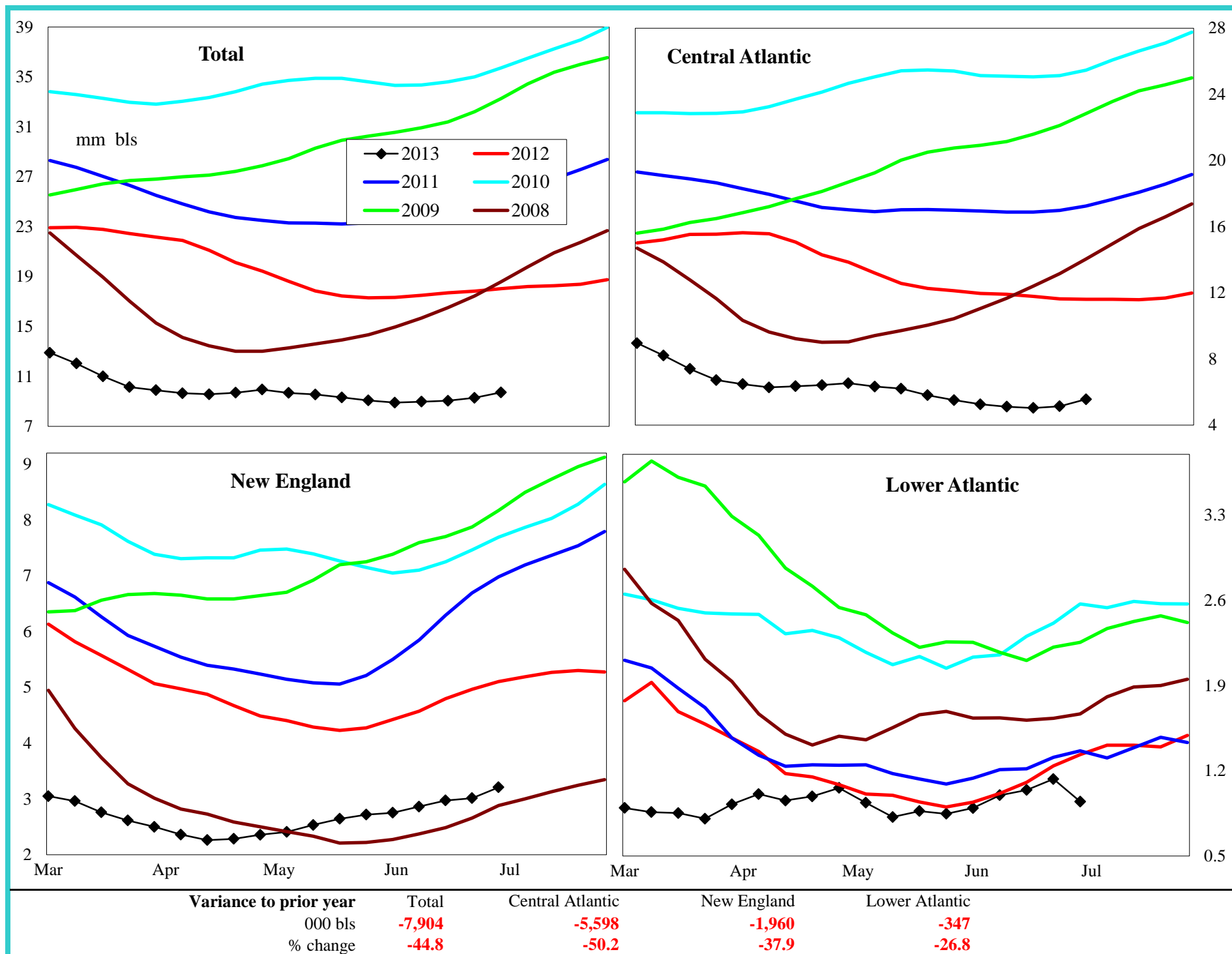
PADD 1 Low Sulfur Distillate Stocks by Region



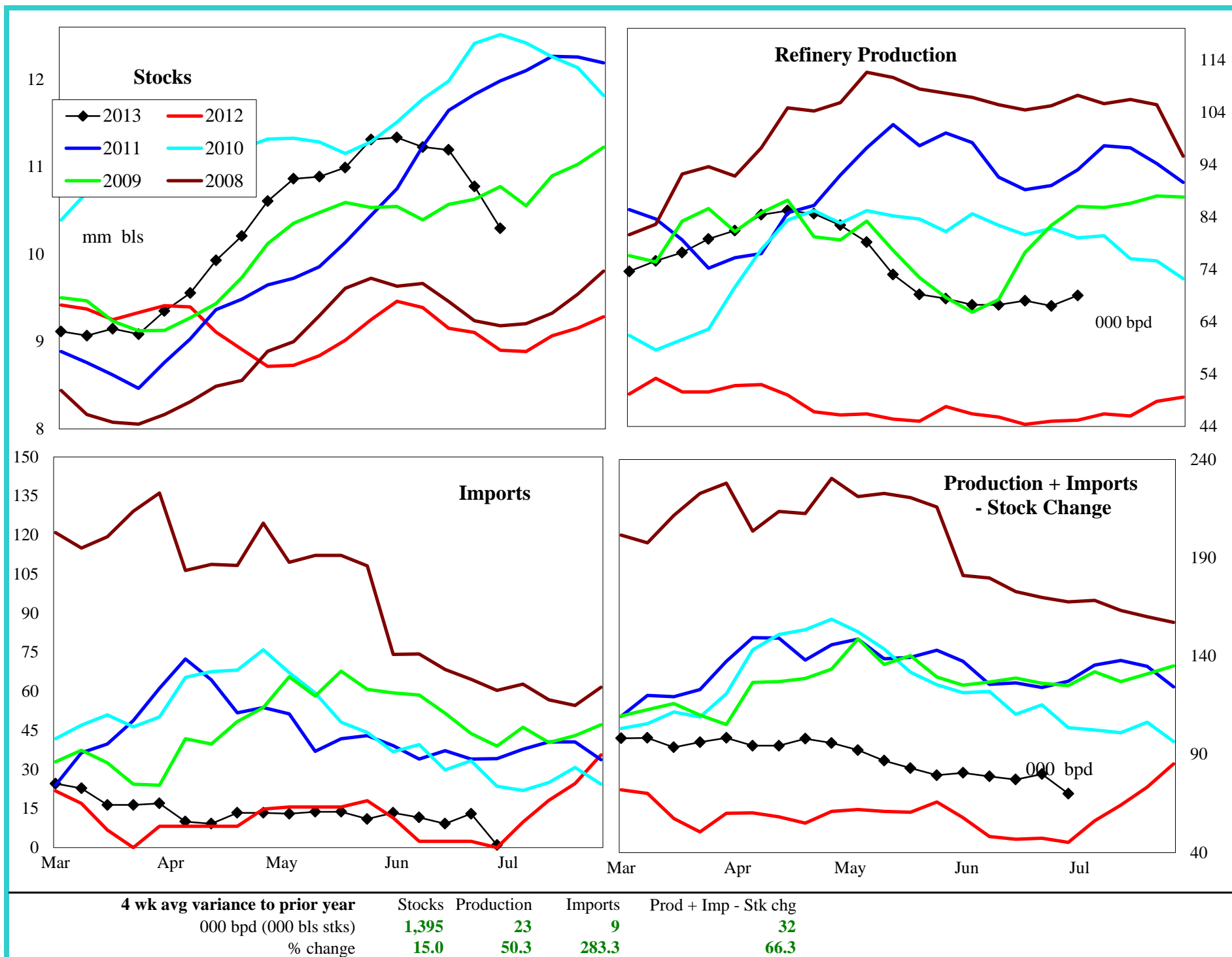
PADD 1 High Sulfur Distillate Supply



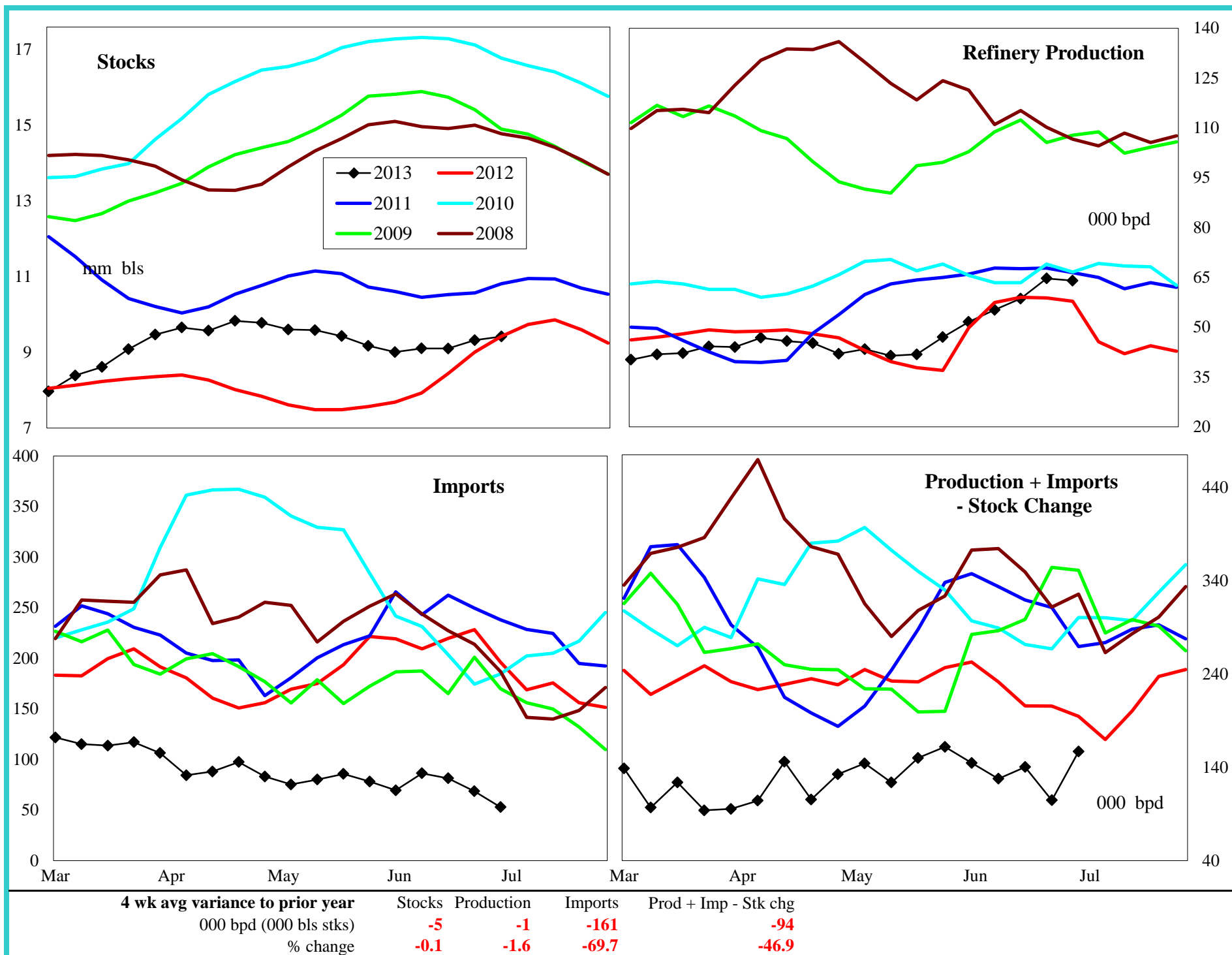
PADD 1 High Sulfur Distillate Stocks by Region



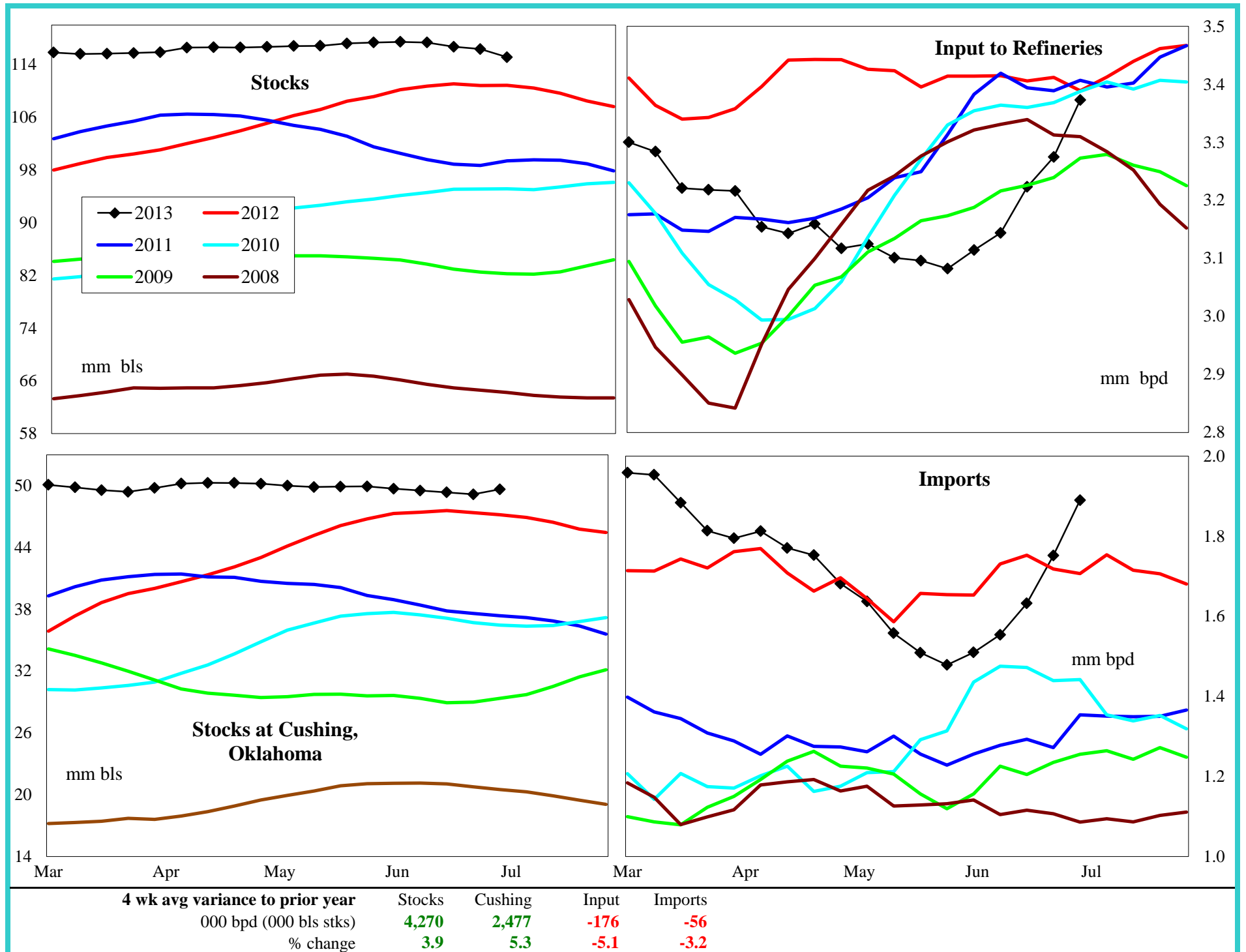
PADD 1 Jet Fuel Supply



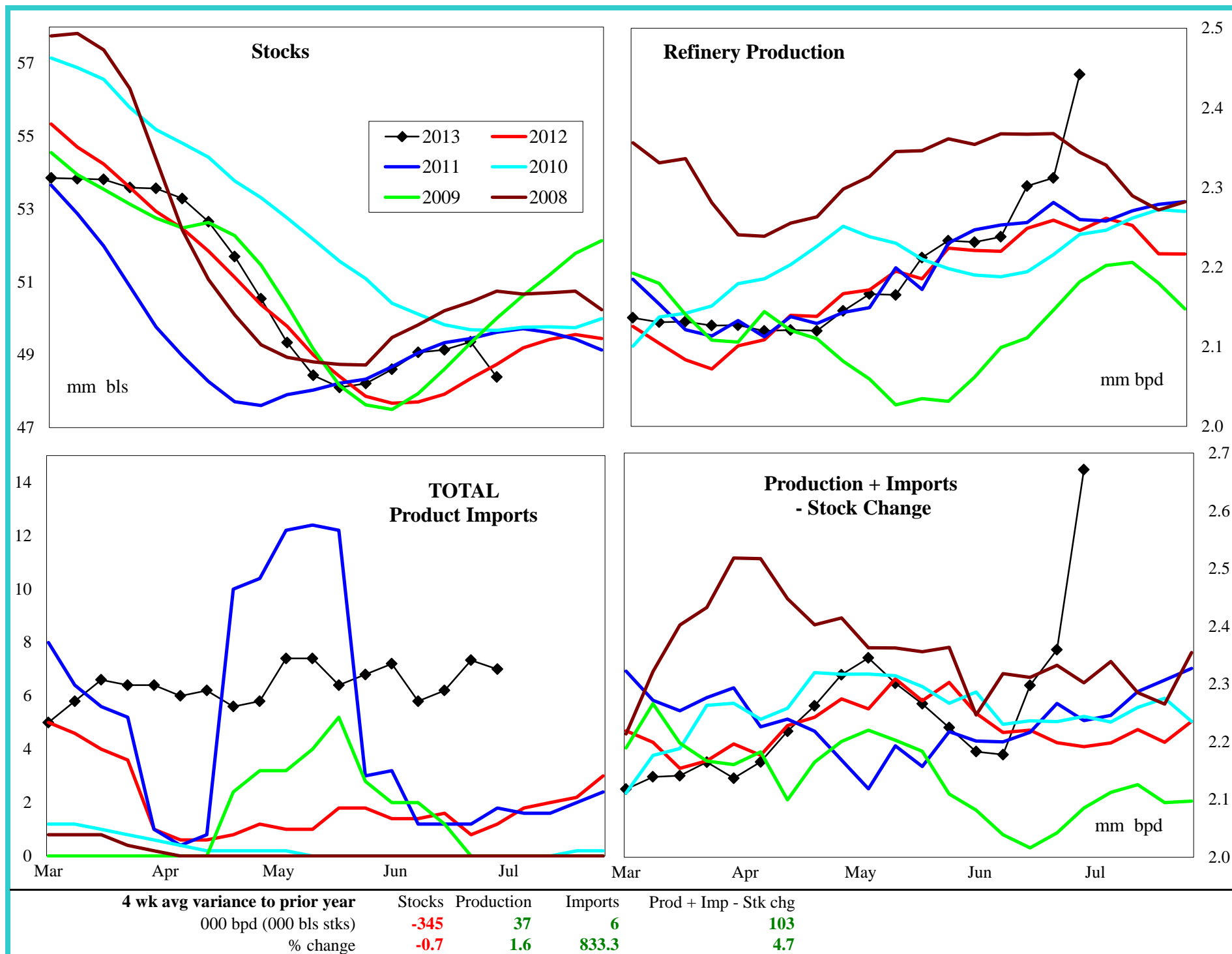
PADD 1 Residual Fuel Oil Supply



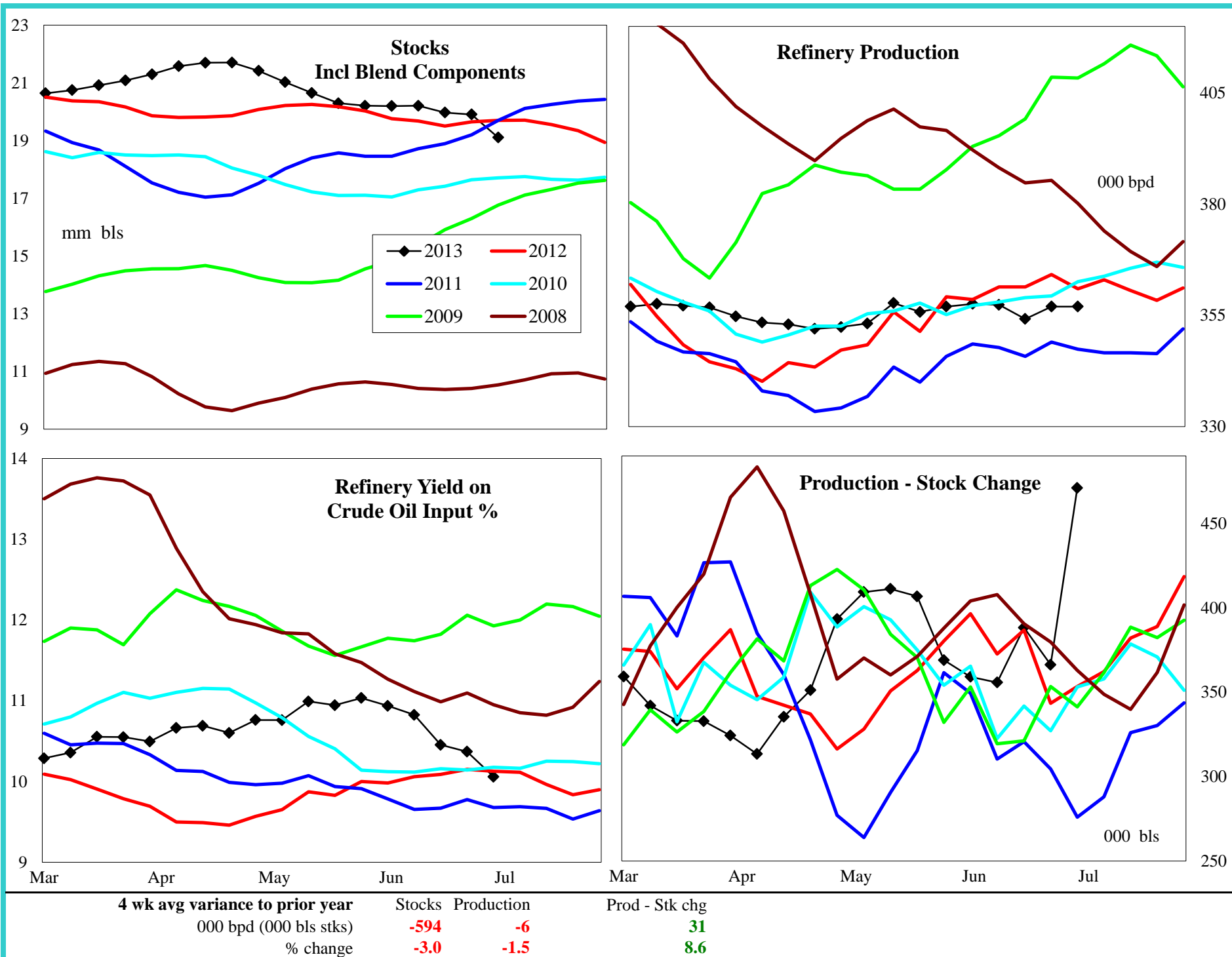
PADD 2 Crude Oil Supply and Refining



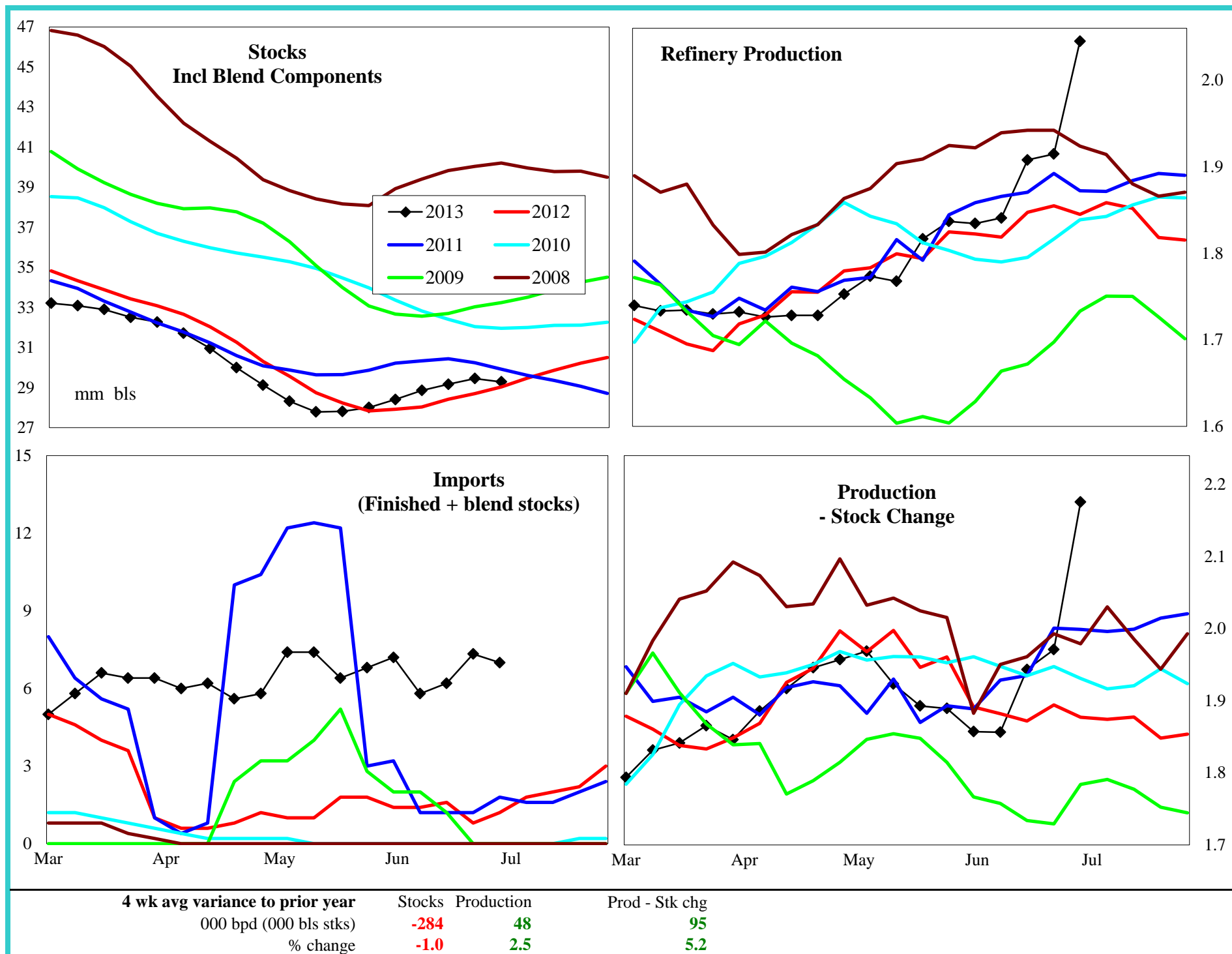
PADD 2 Gasoline Supply



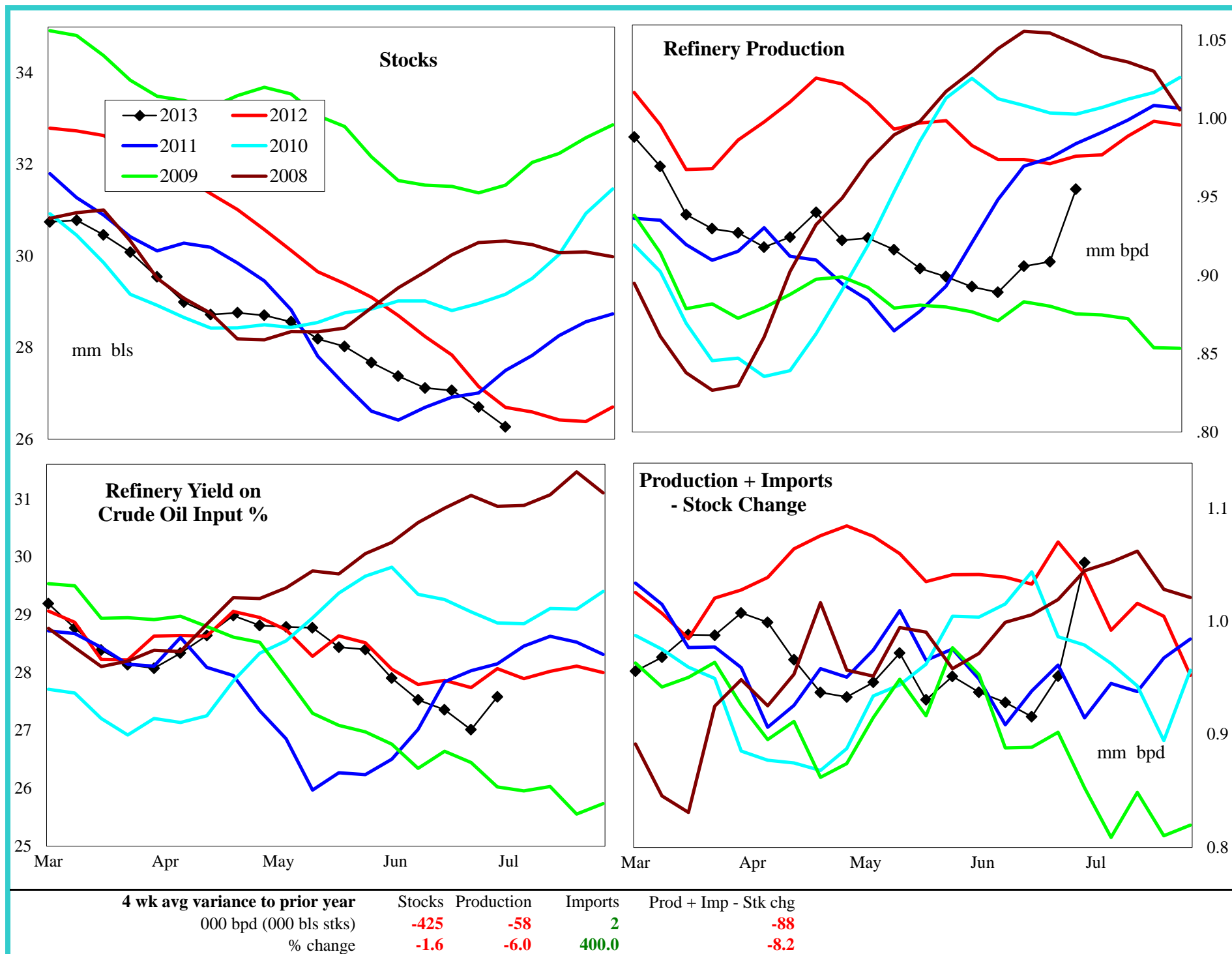
PADD 2 Reformulated Gasoline Supply



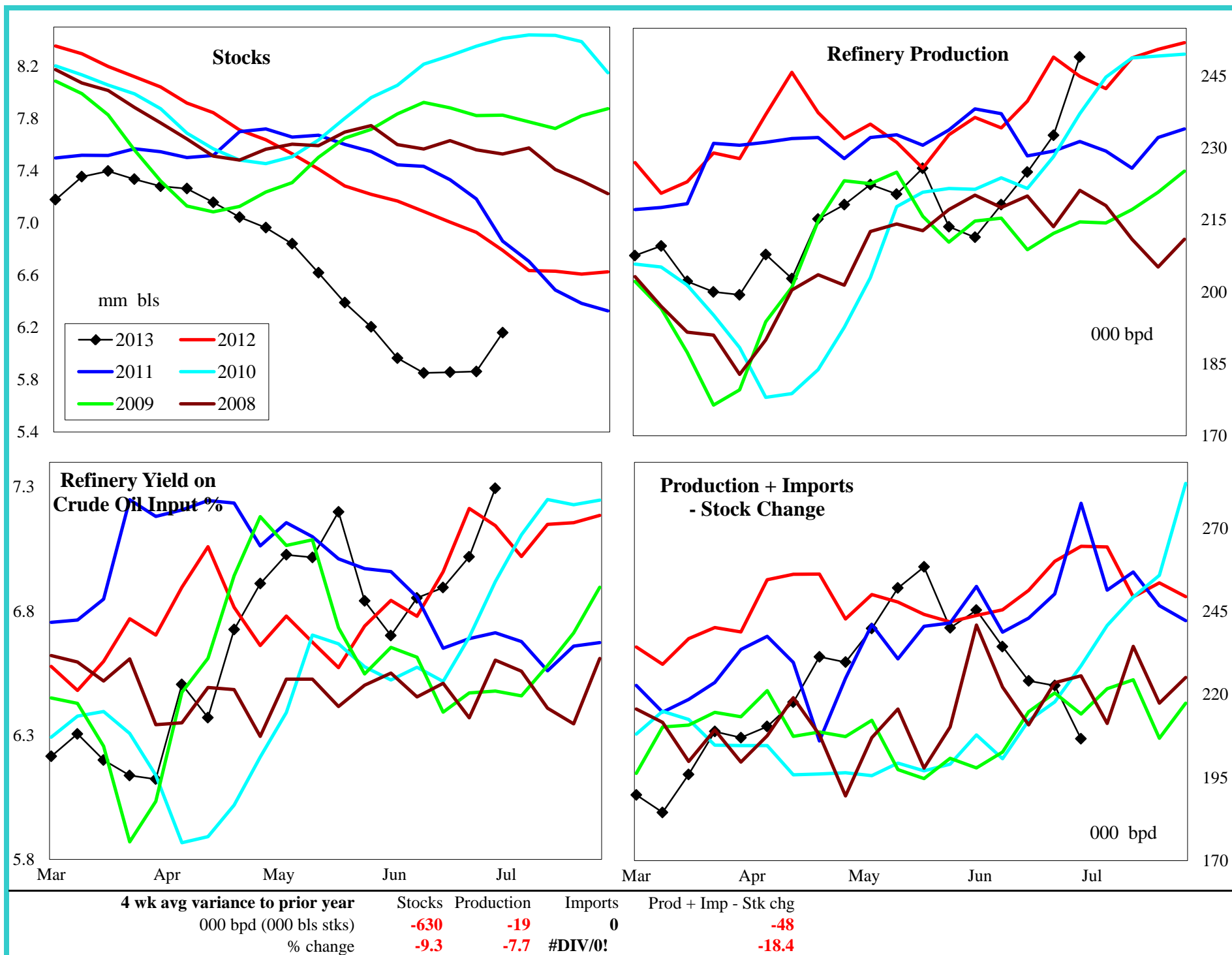
PADD 2 Conventional Gasoline Supply



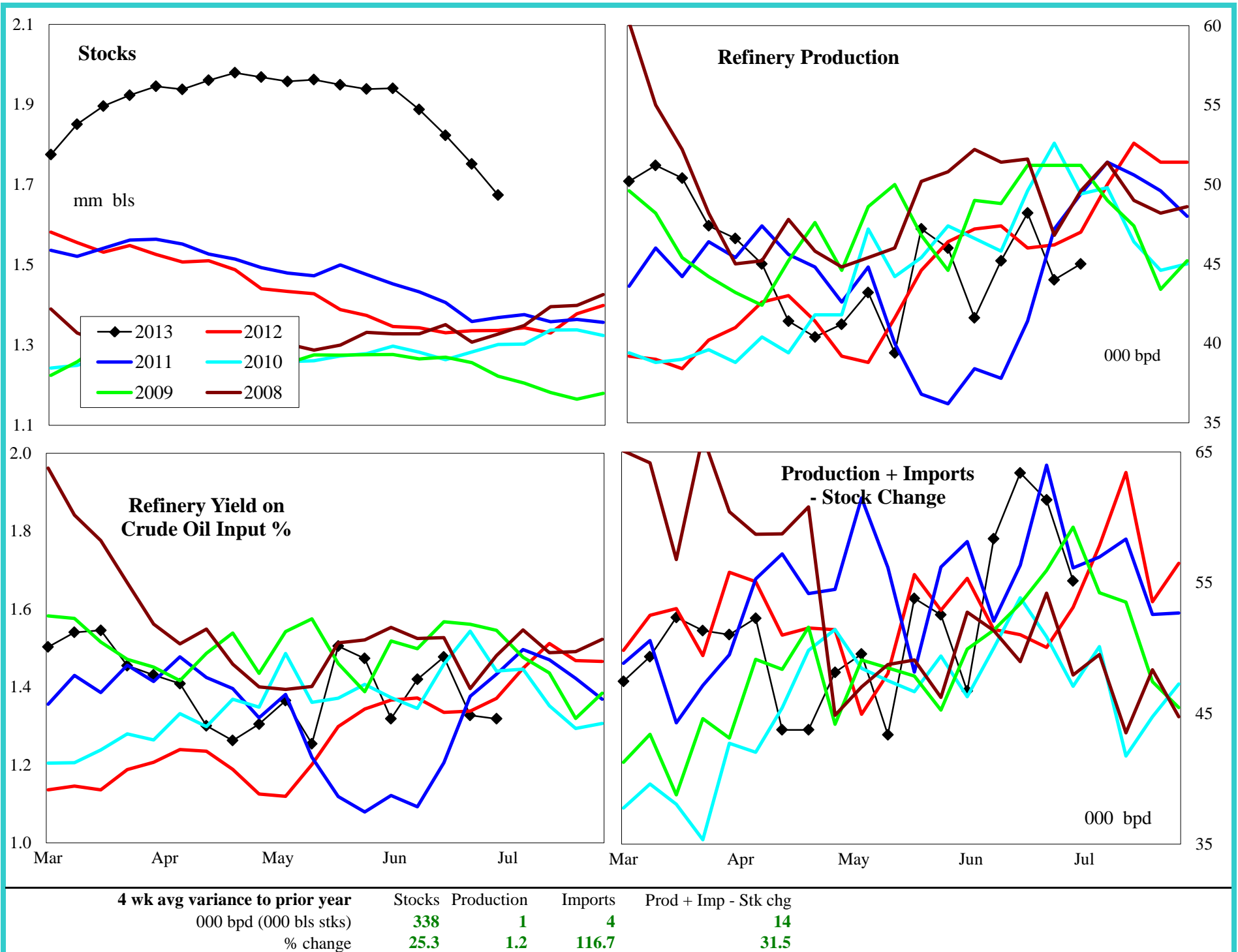
PADD 2 Distillate Supply



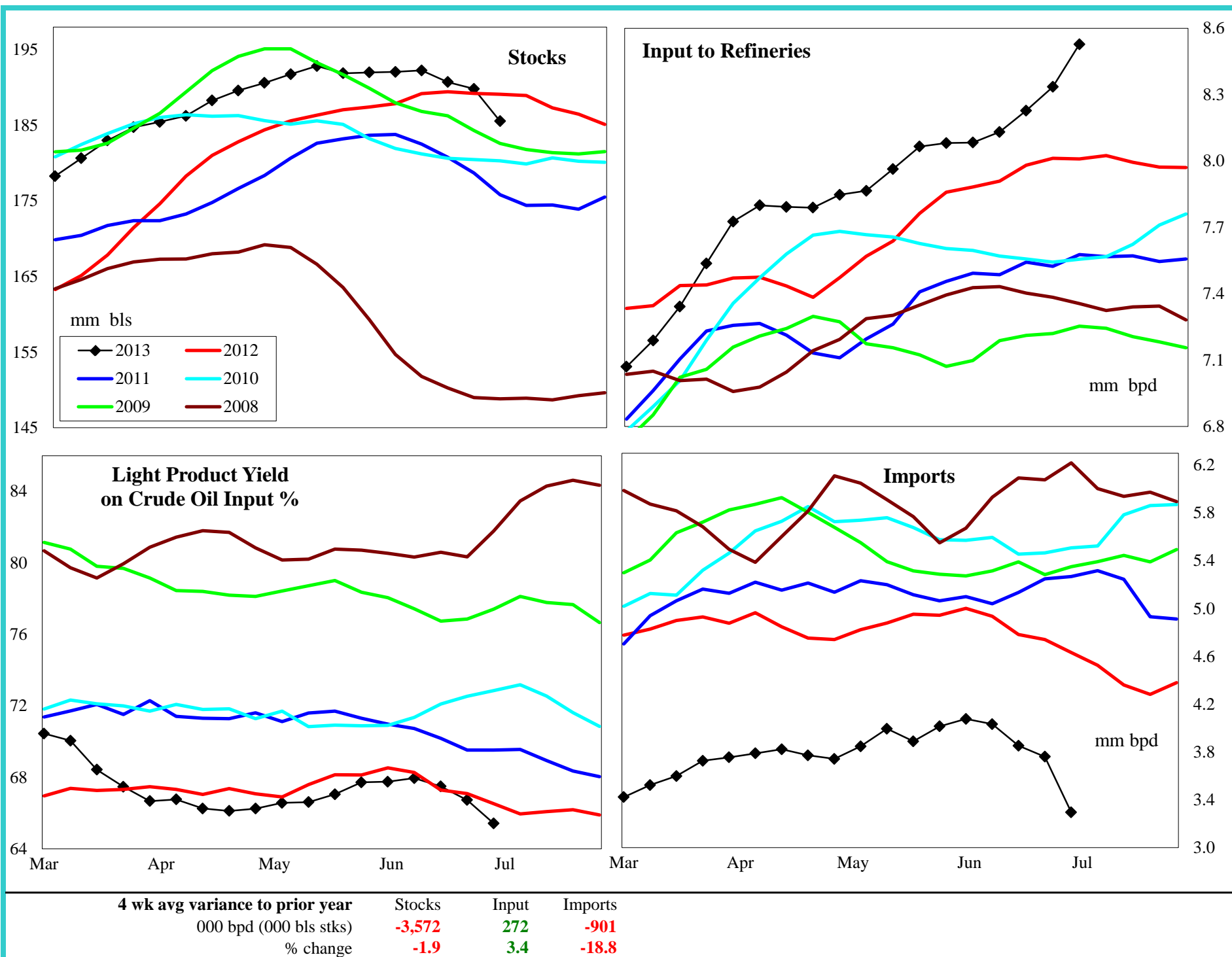
PADD 2 Jet Fuel Supply



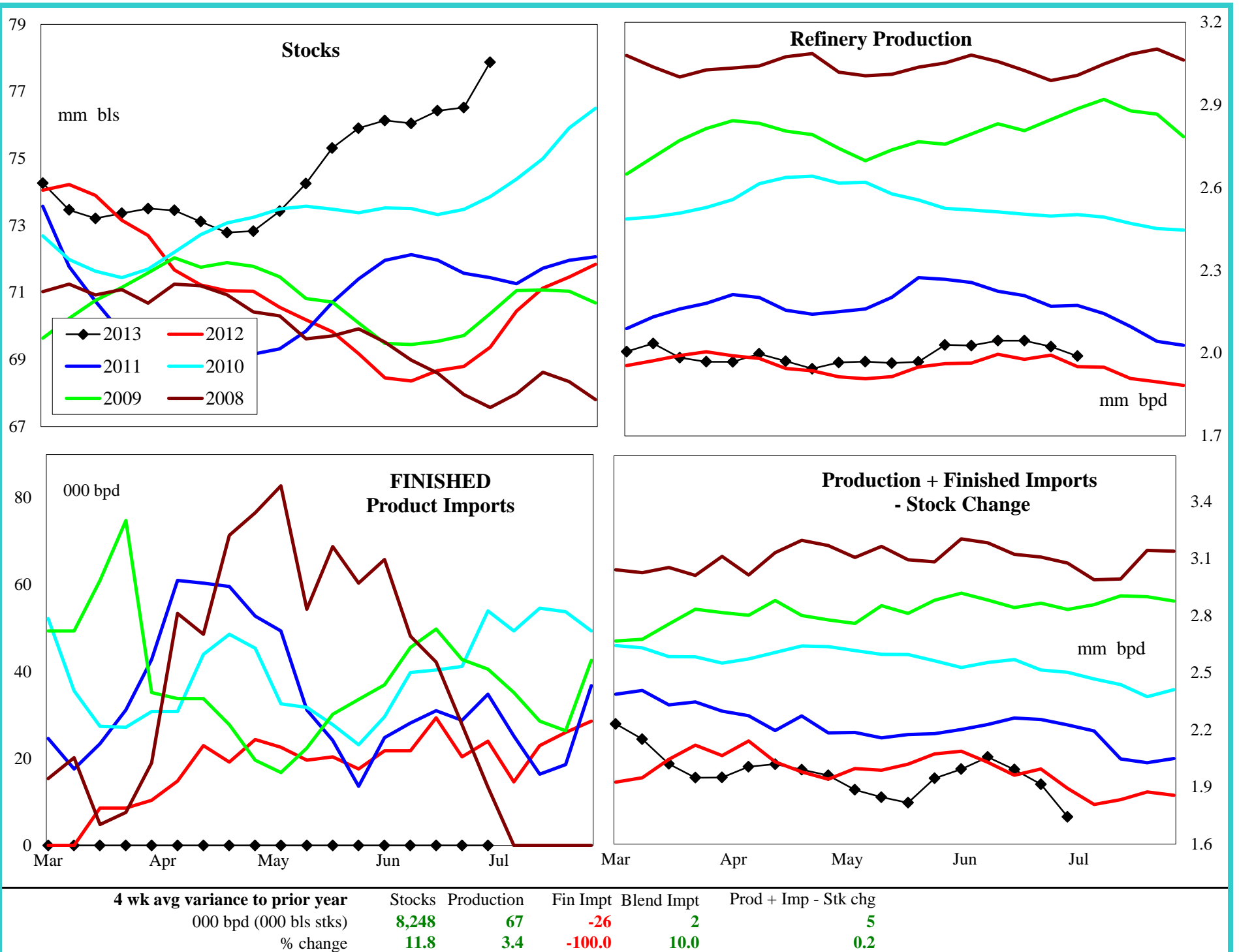
PADD 2 Residual Fuel Oil Supply



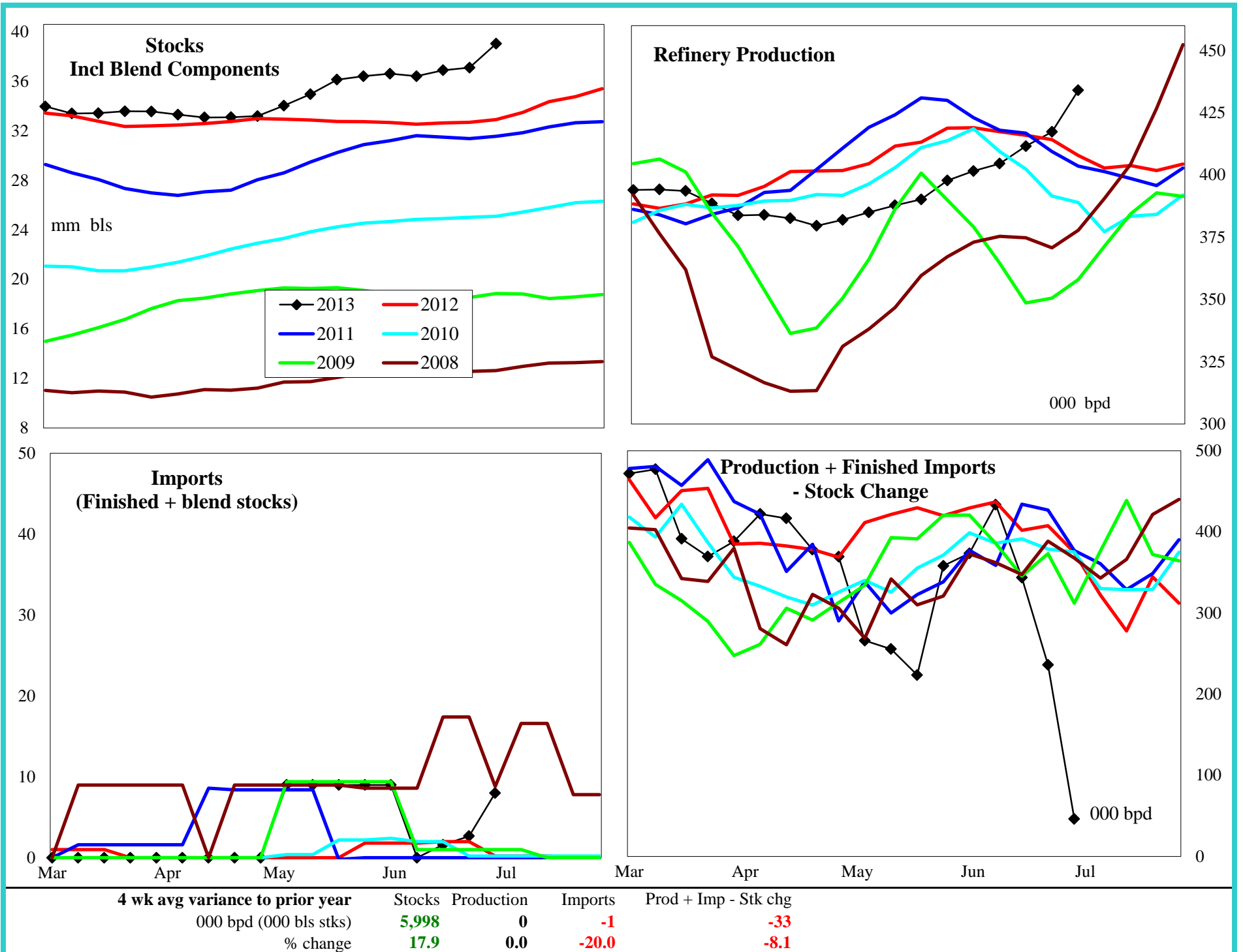
PADD 3 Crude Oil Supply and Refining



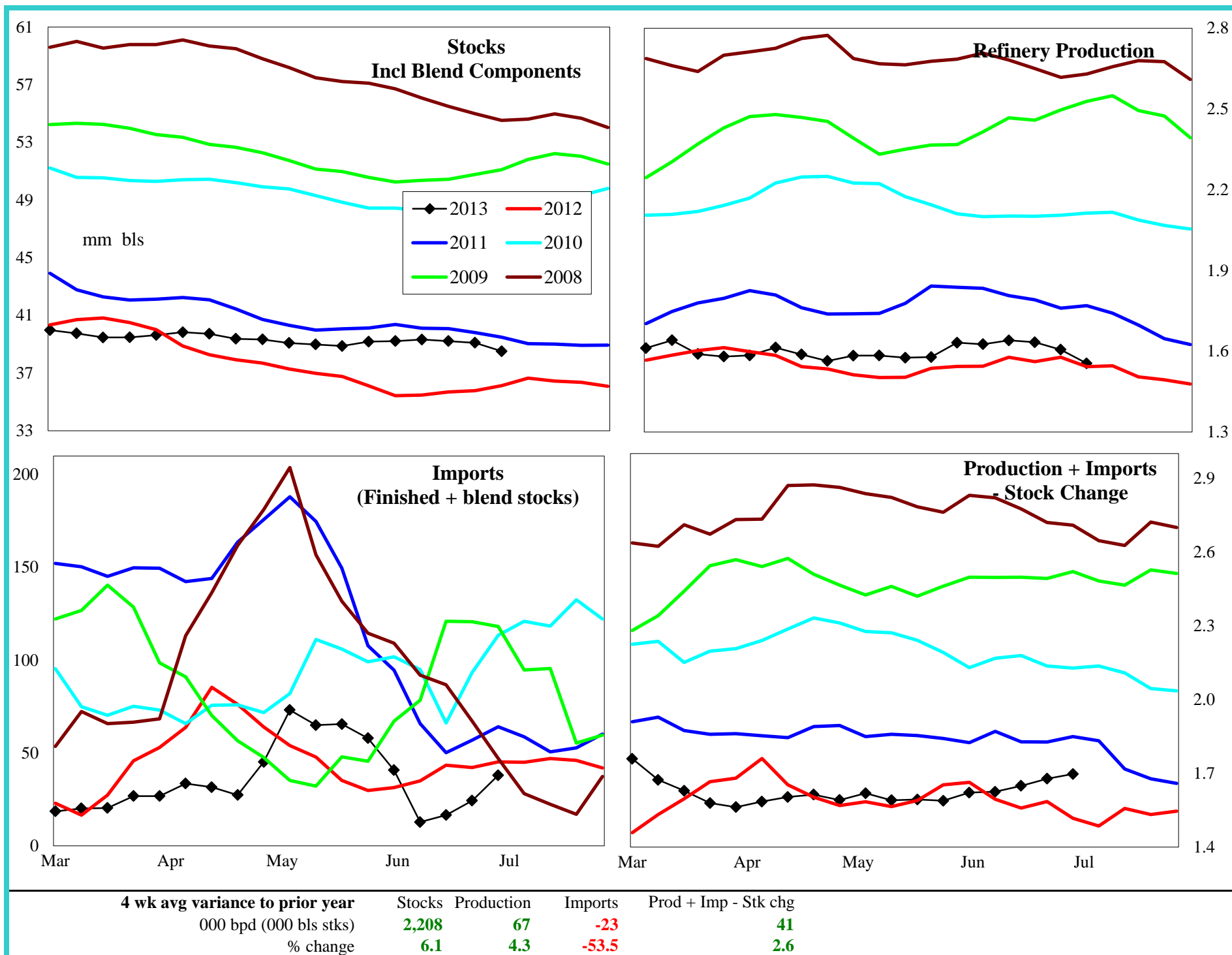
PADD 3 Gasoline Supply



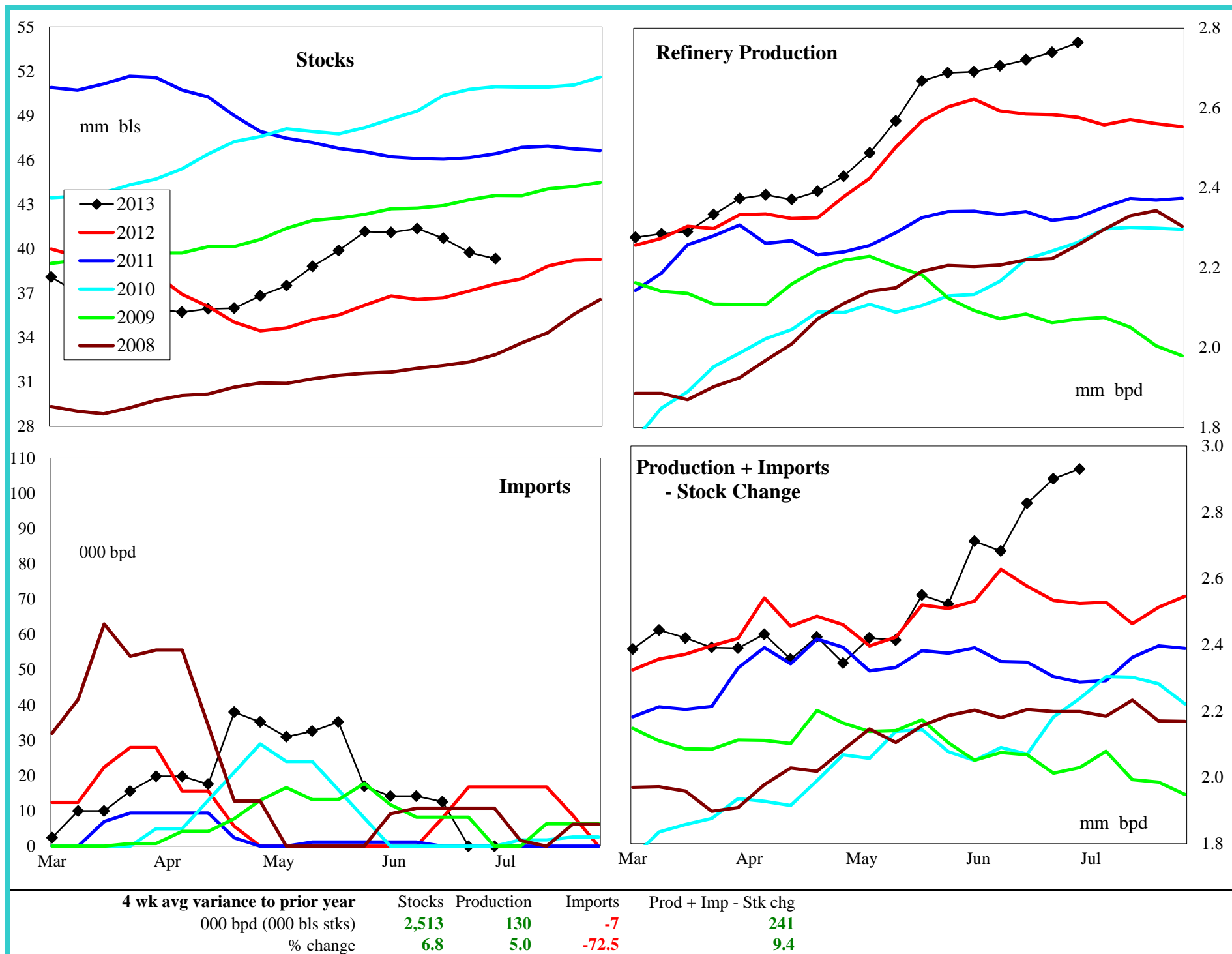
PADD 3 Reformulated Gasoline Supply



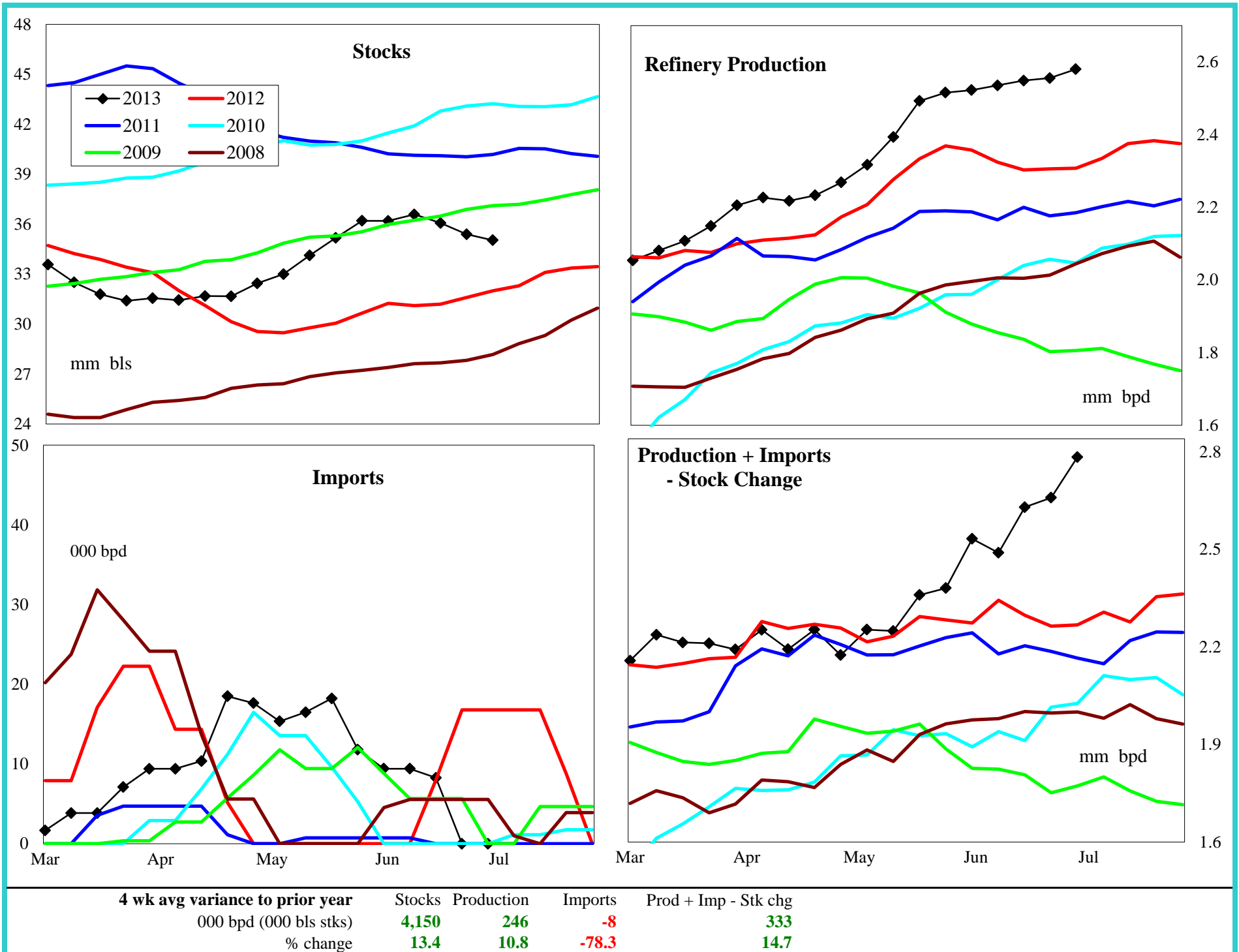
PADD 3 Conventional Gasoline Supply



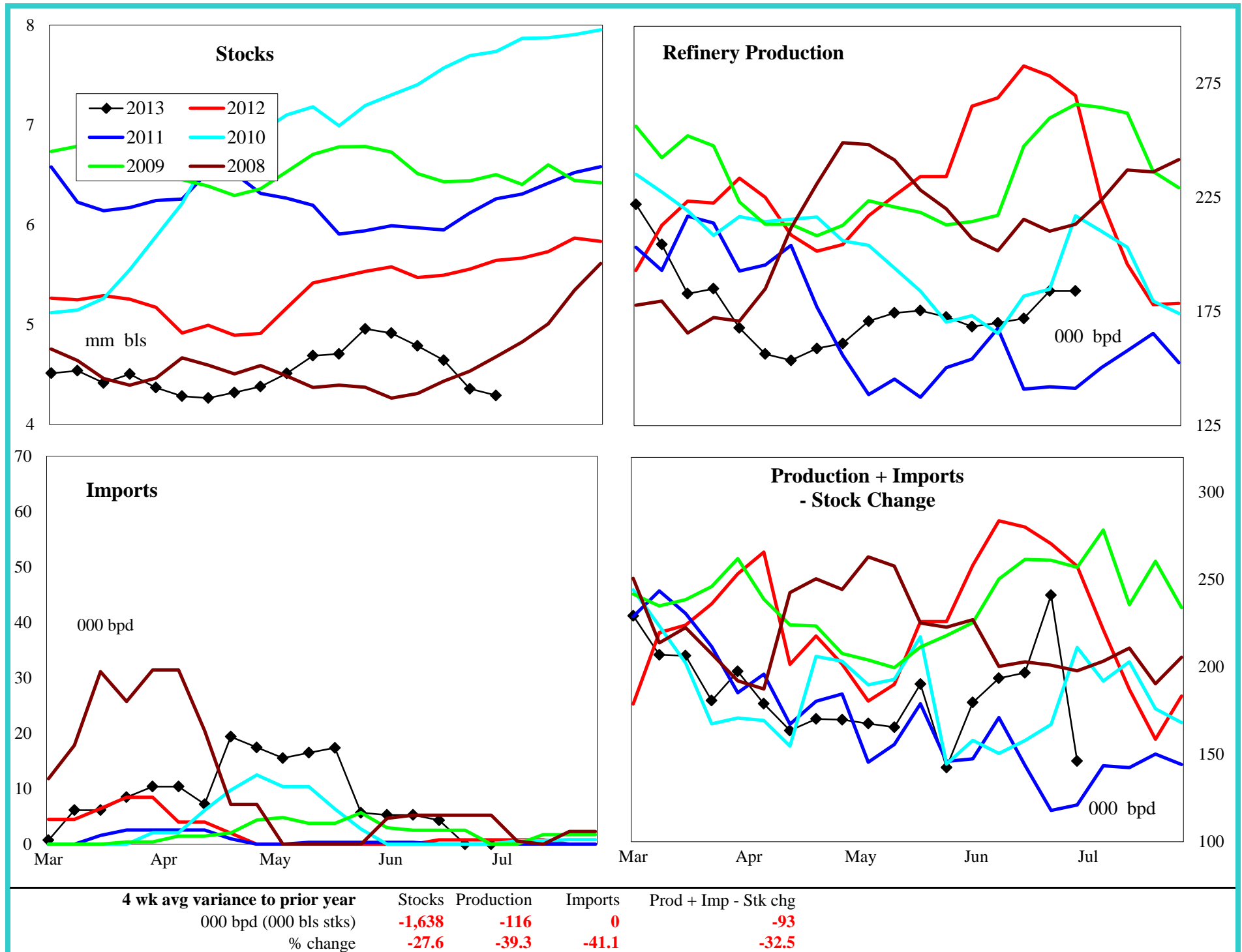
PADD 3 Distillate Supply



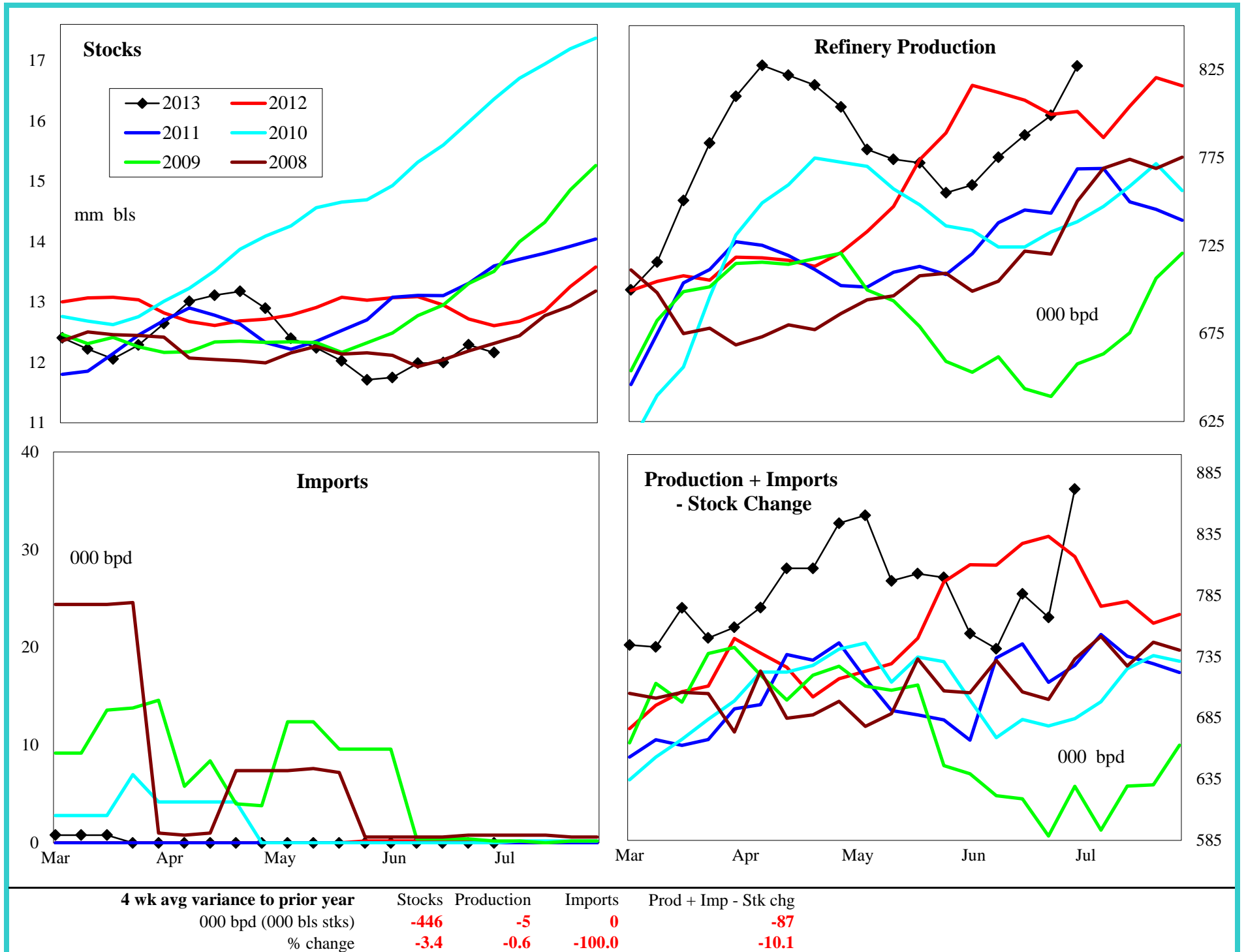
PADD 3 Low Sulfur Distillate Supply



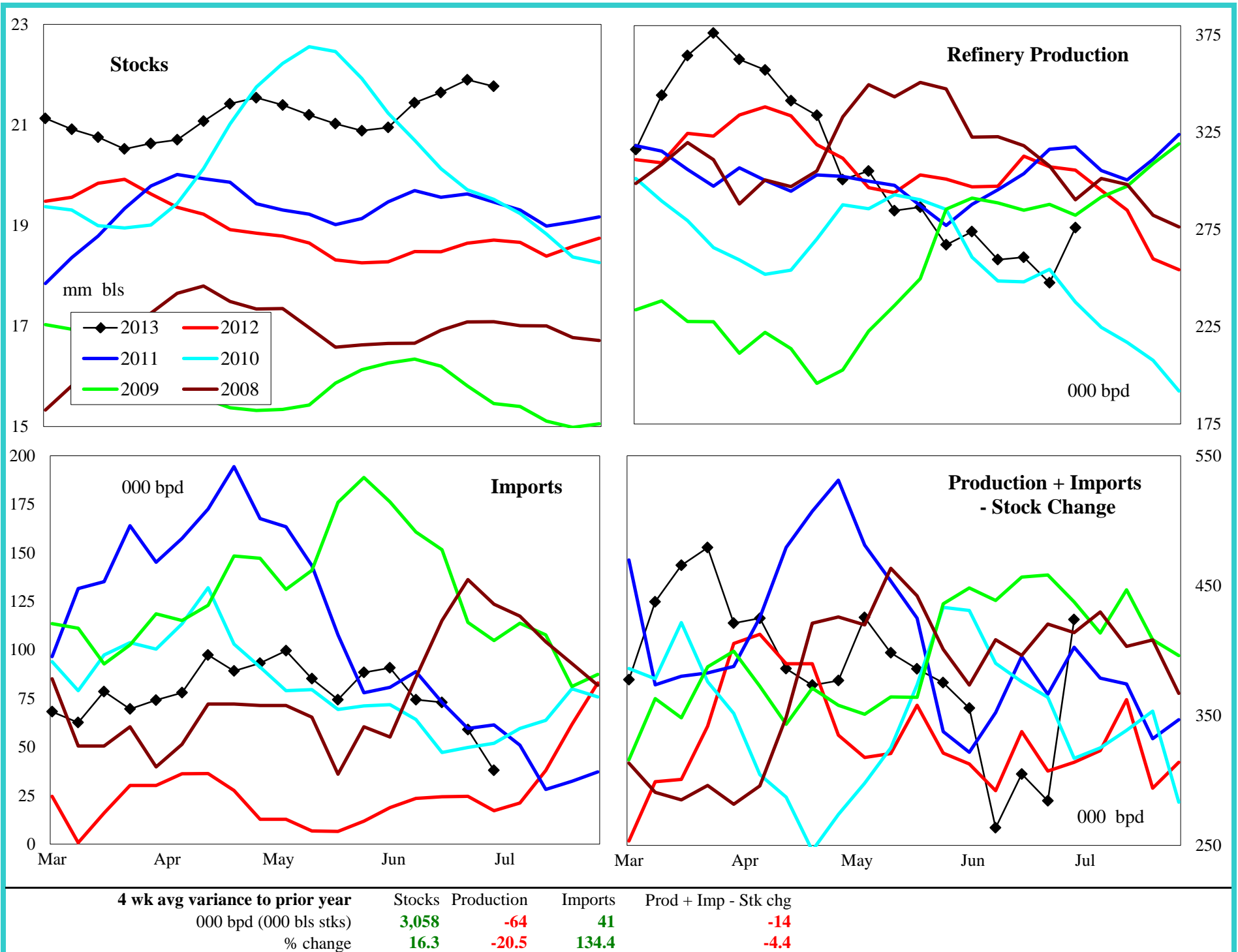
PADD 3 High Sulfur Distillate Supply



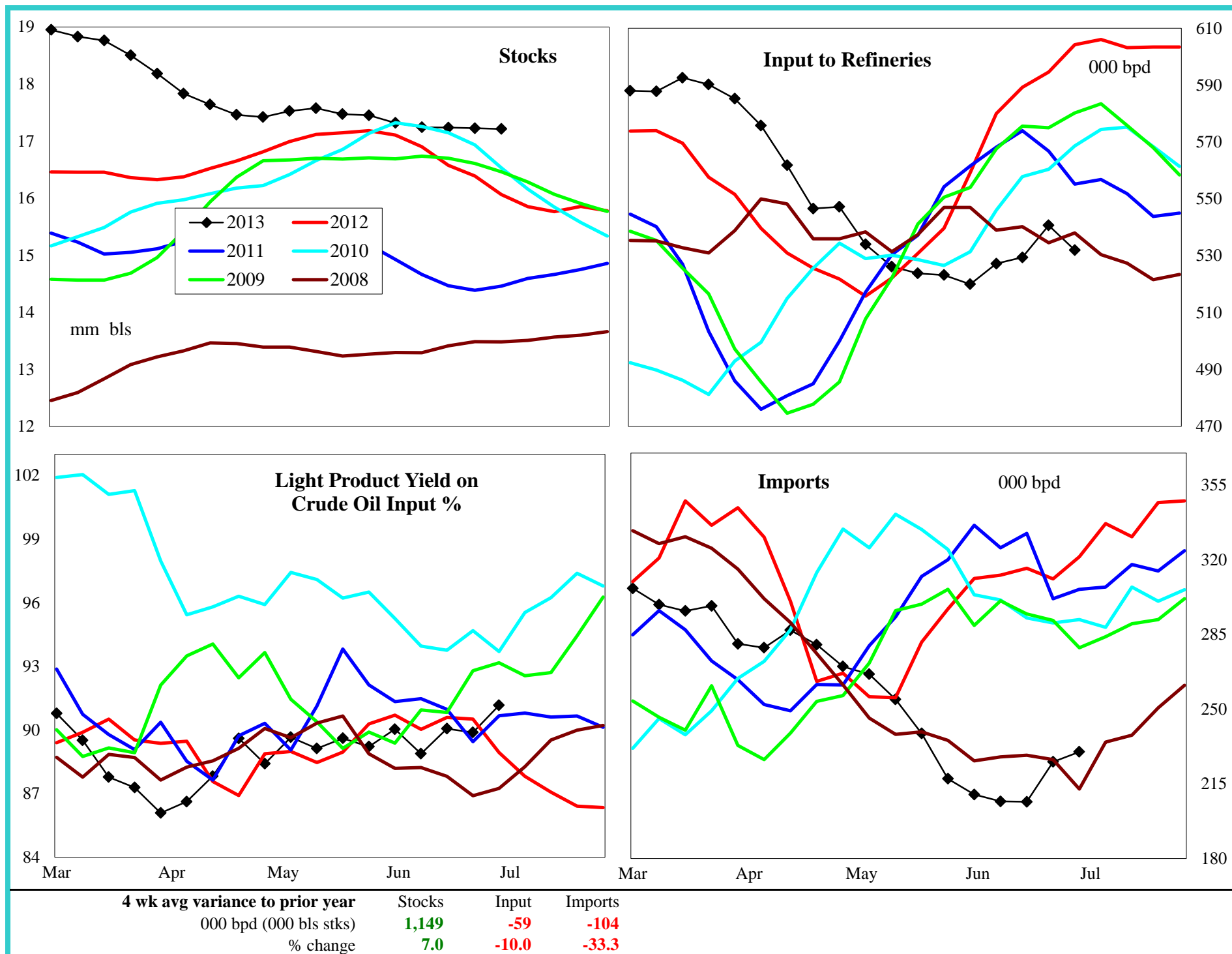
PADD 3 Jet Fuel Supply



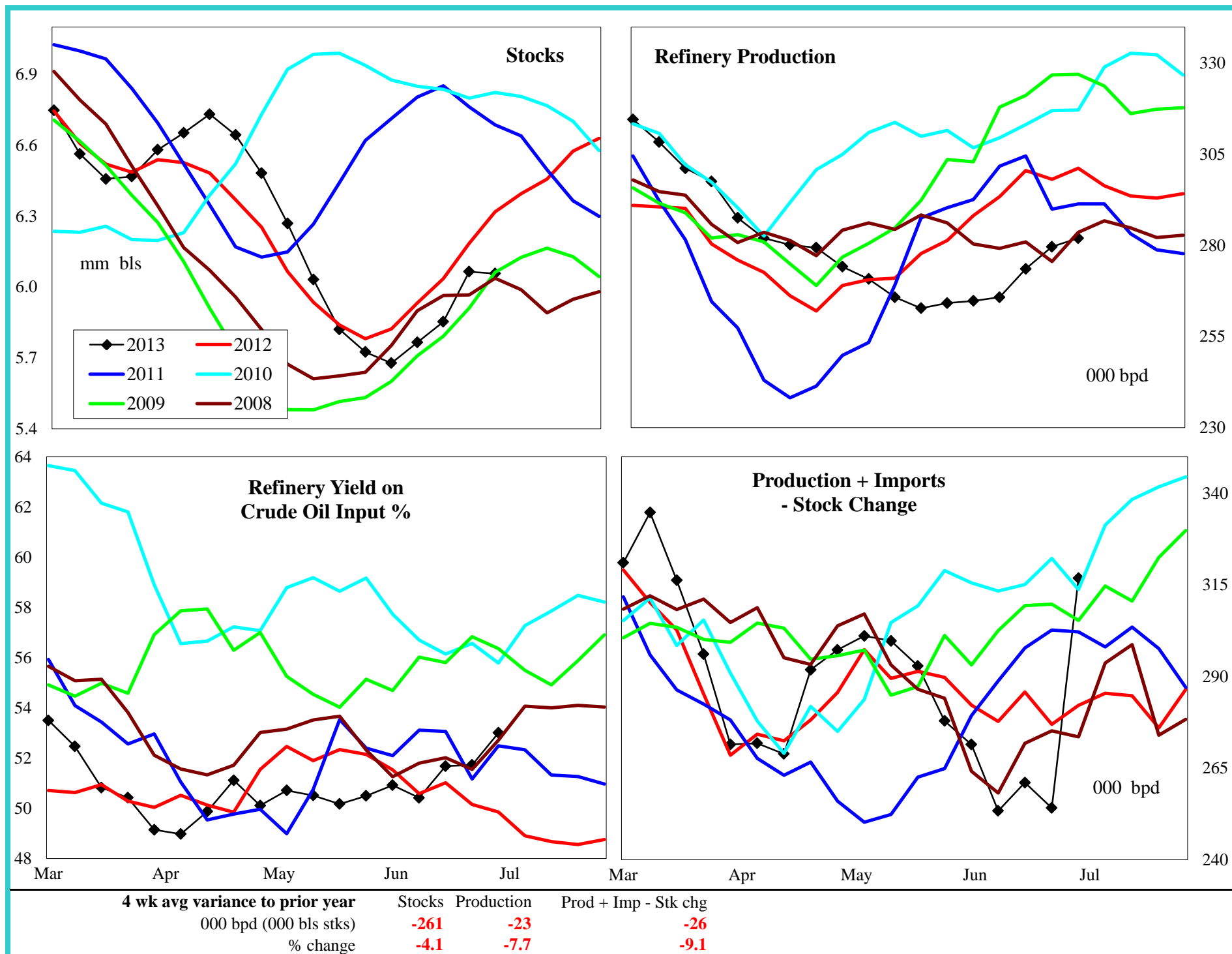
PADD 3 Residual Fuel Oil Supply



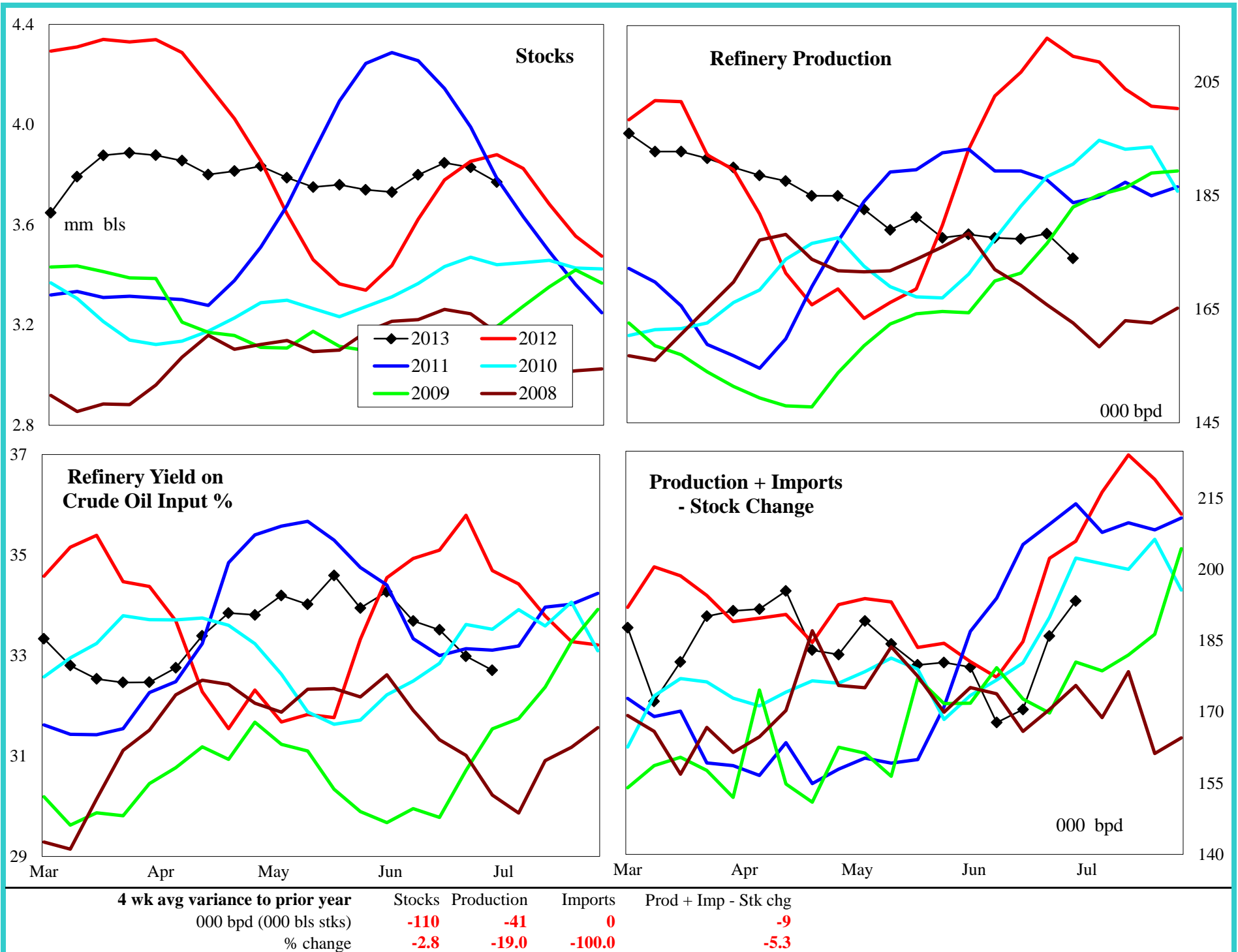
PADD 4 Crude Oil Supply and Refining



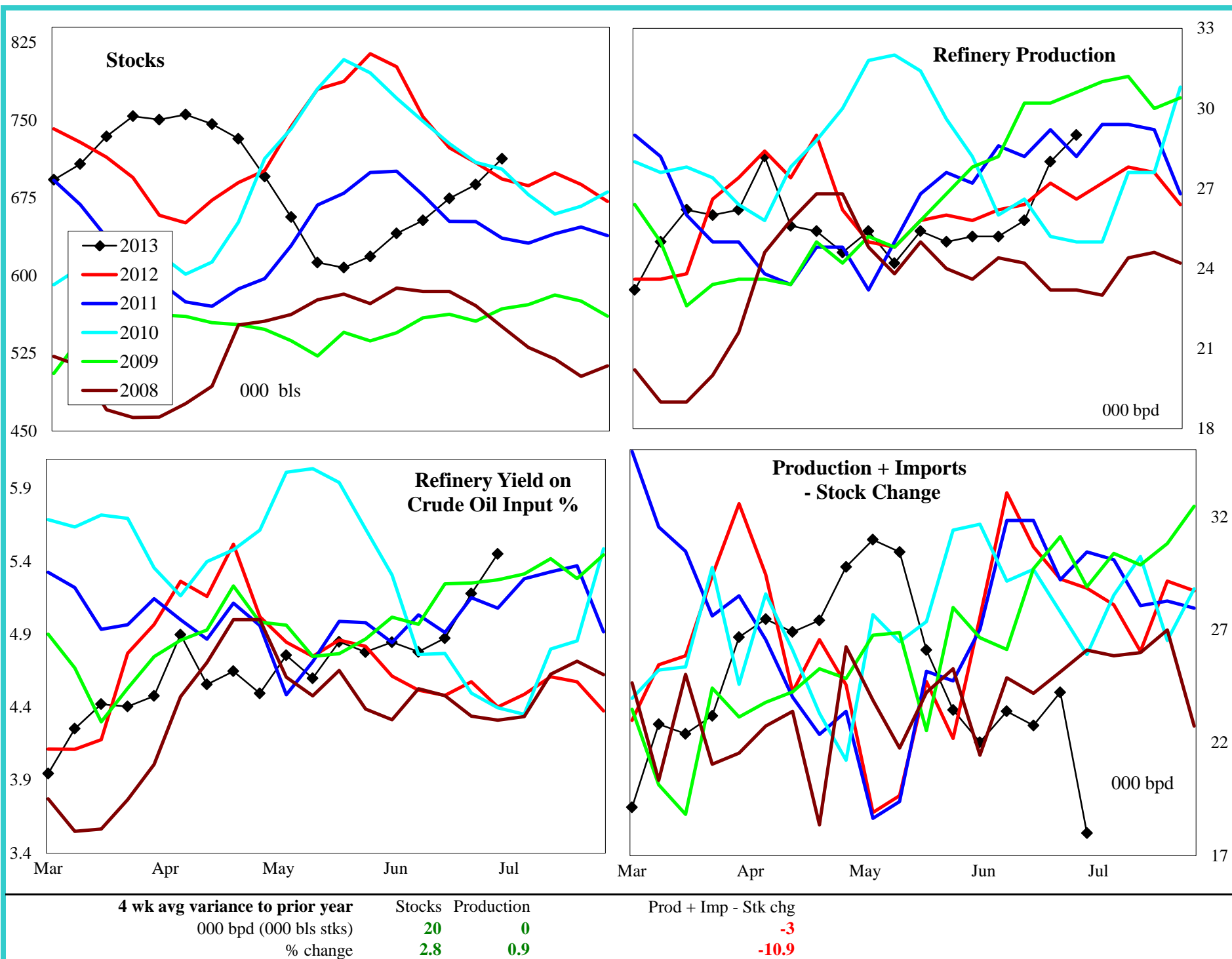
PADD 4 Gasoline Supply



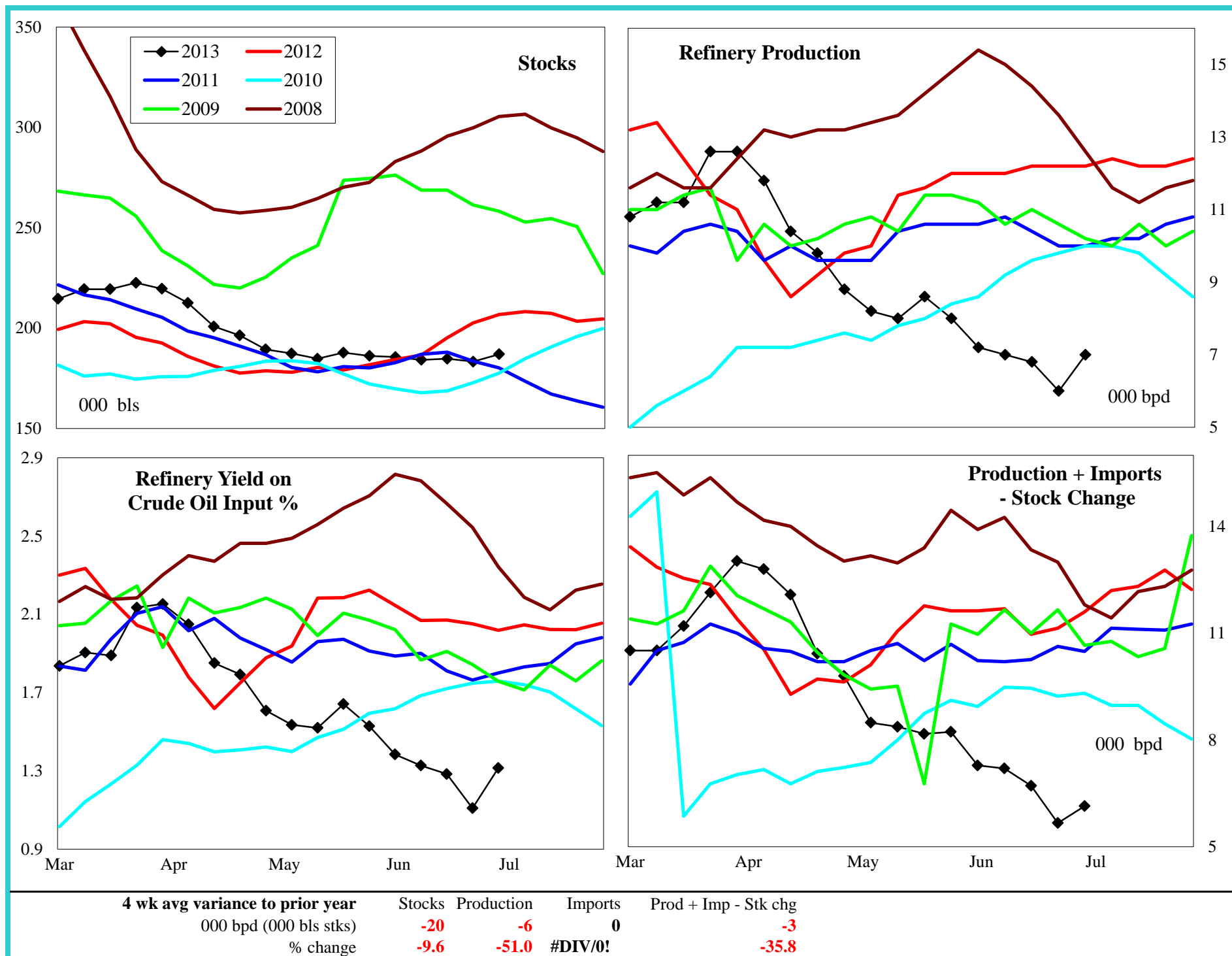
PADD 4 Distillate Supply



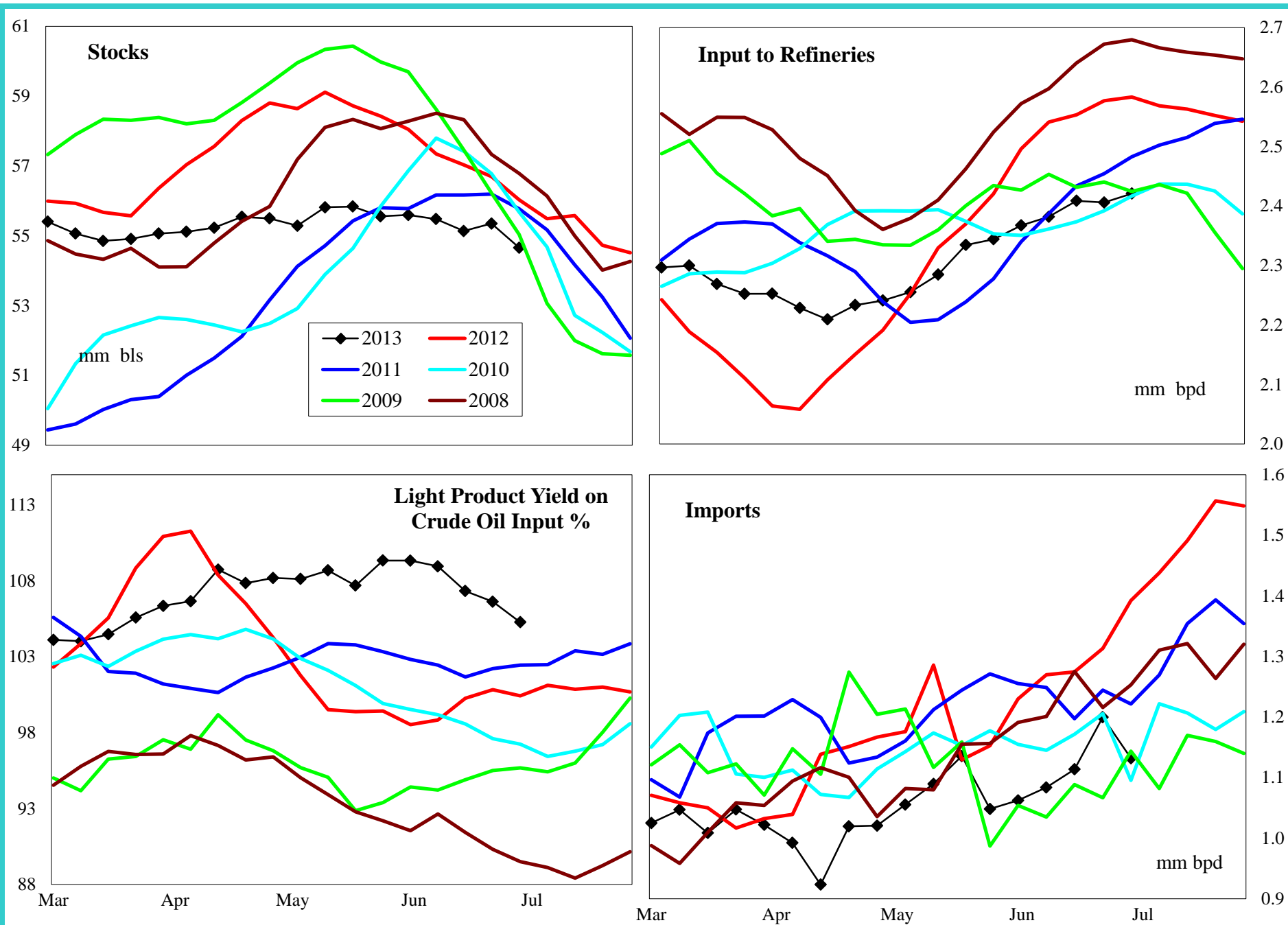
PADD 4 Jet Fuel Supply



PADD 4 Residual Fuel Oil Supply



PADD 5 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-1,372

-2.4

Input

-172

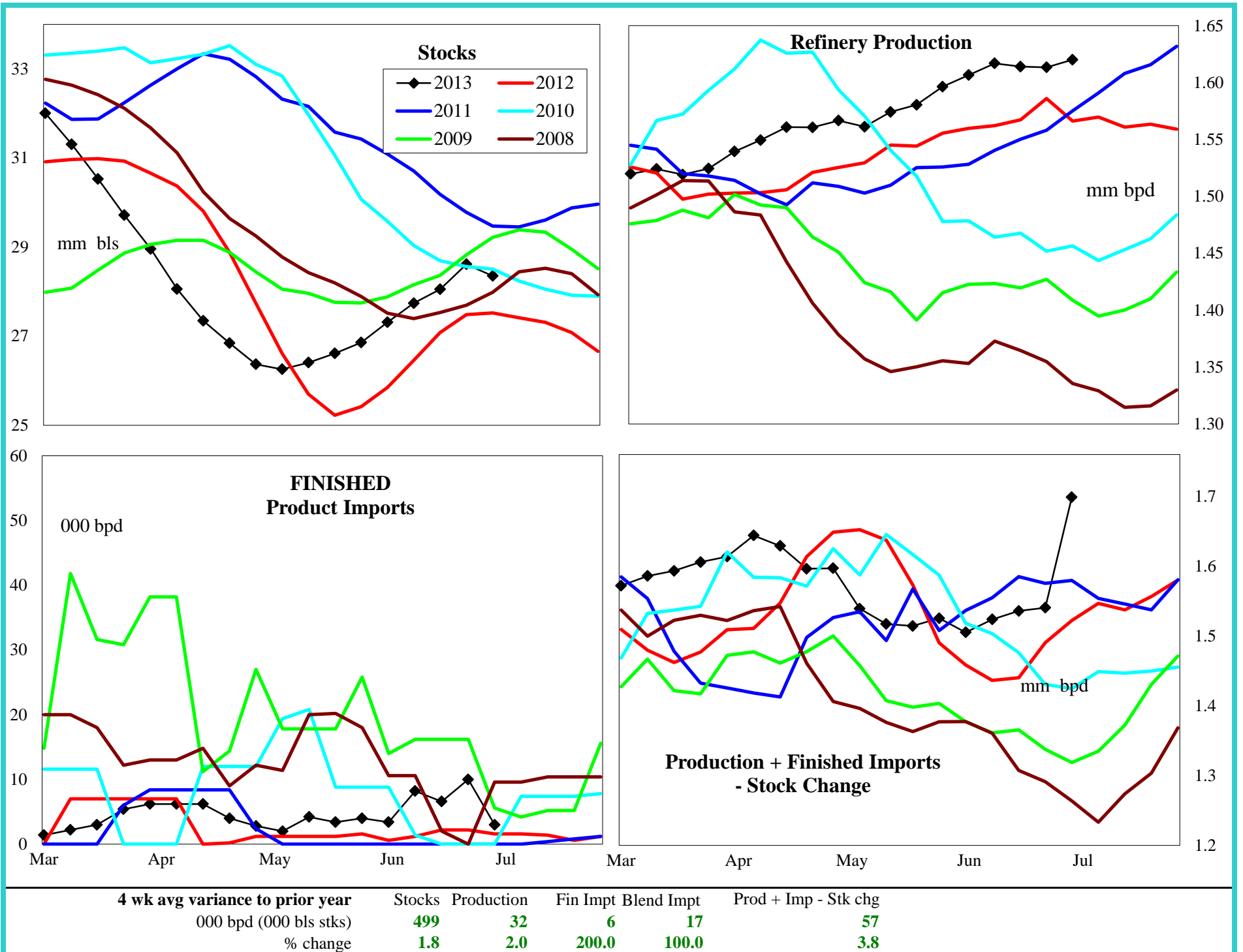
-6.6

Imports

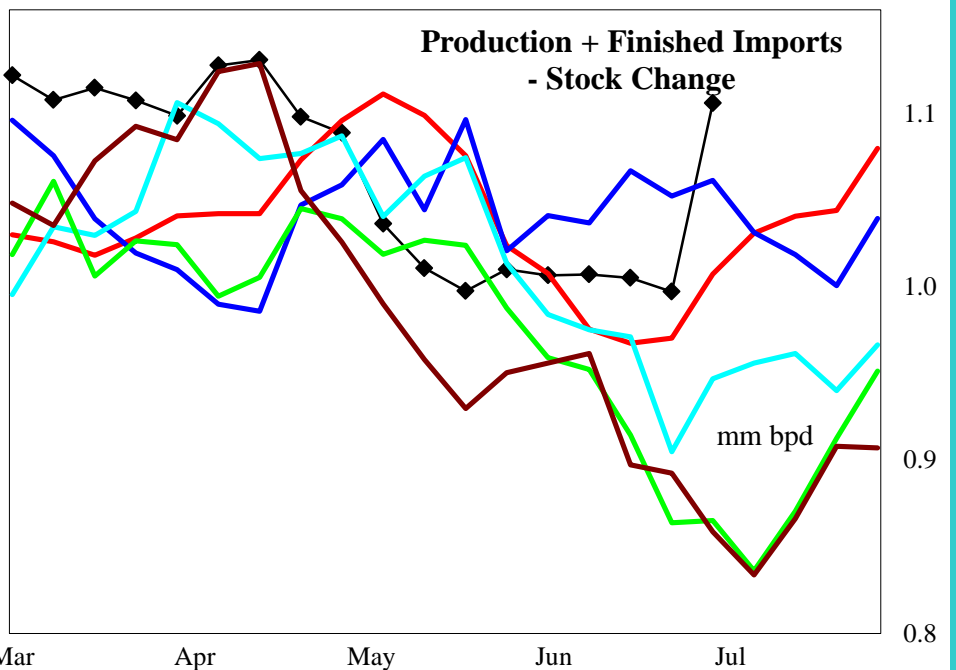
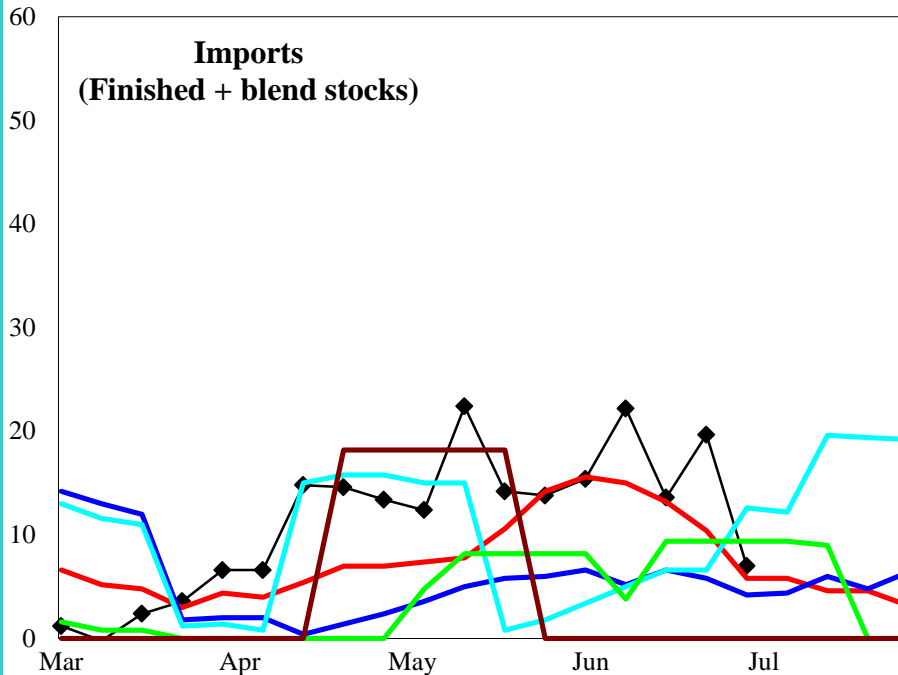
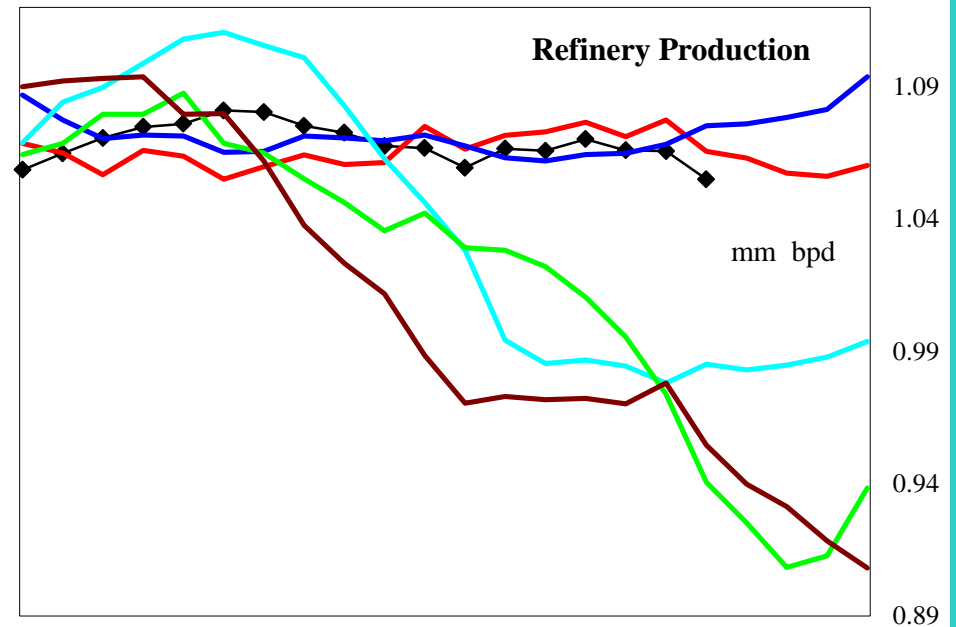
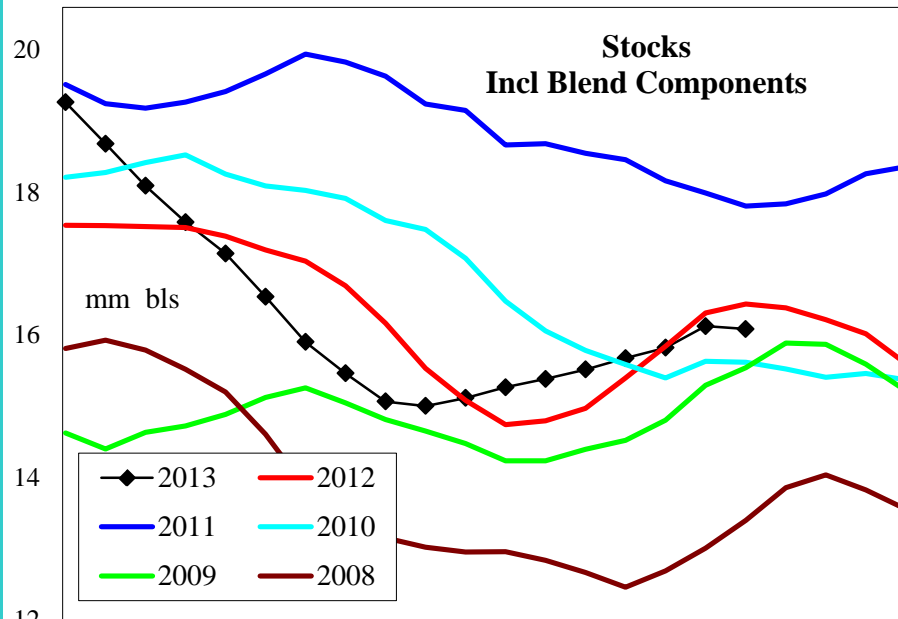
-193

-14.4

PADD 5 Gasoline Supply



PADD 5 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bbls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

-517

-11

6

25

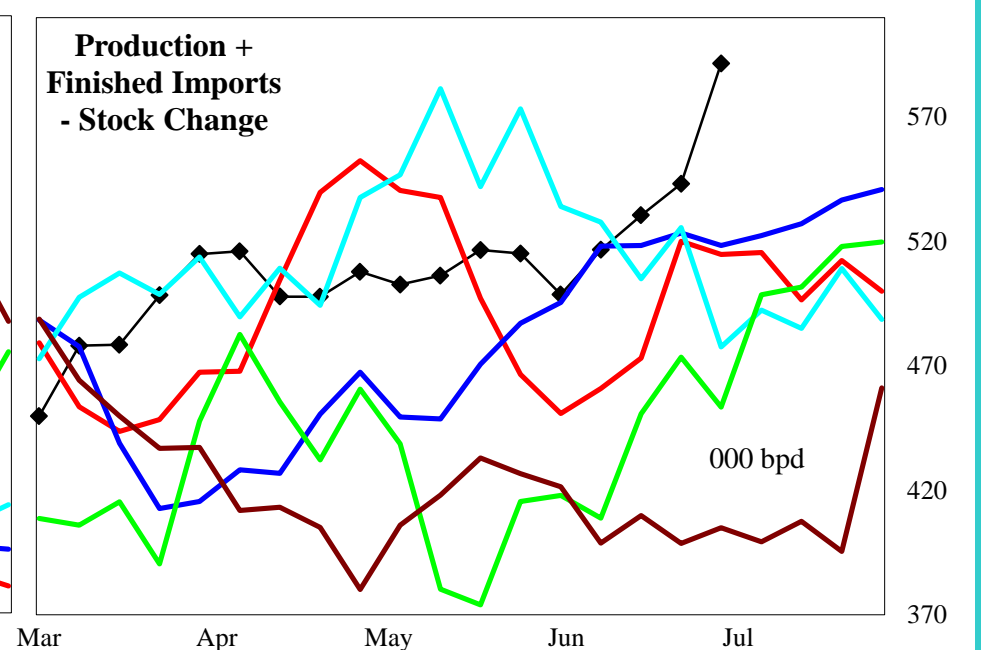
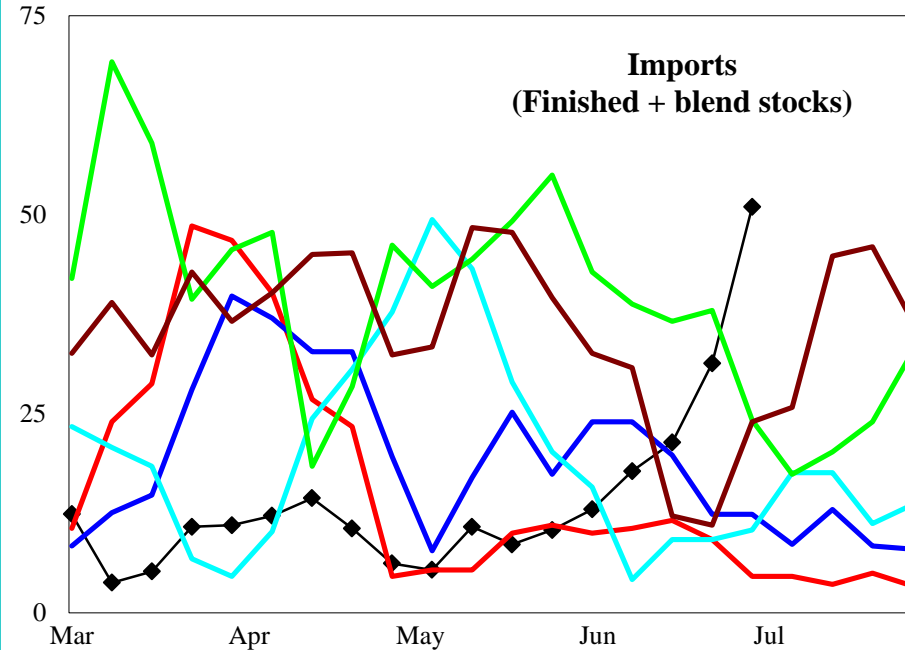
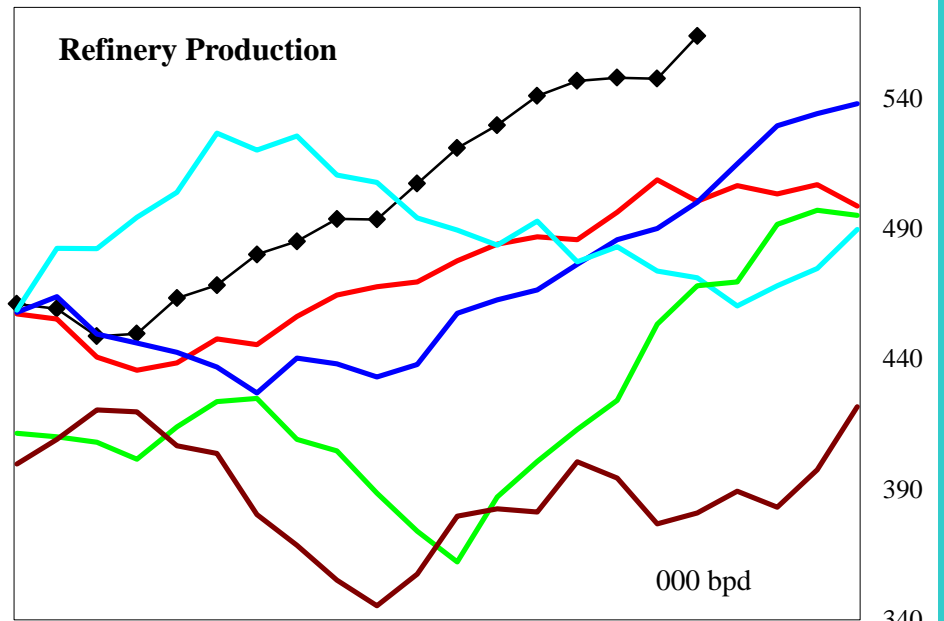
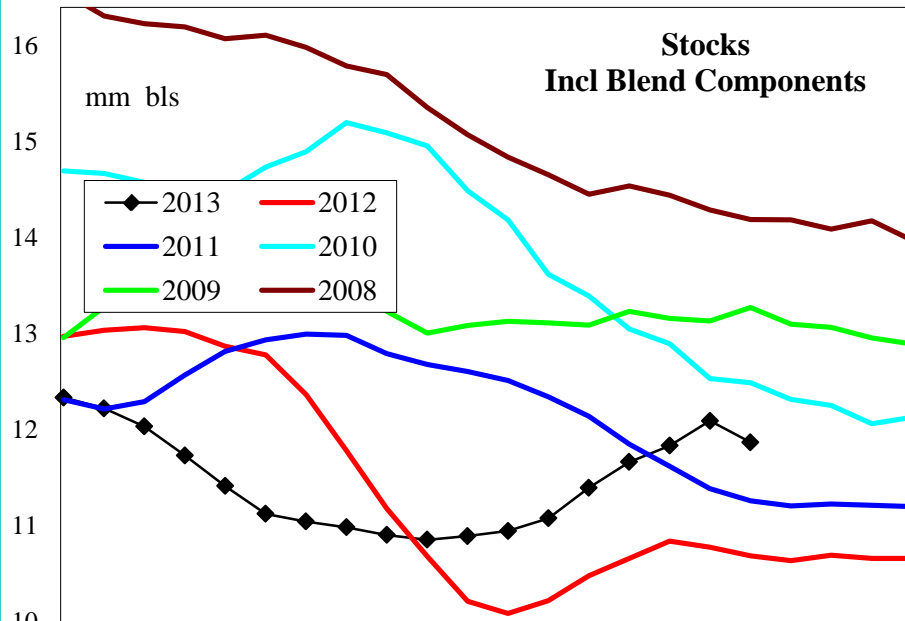
-3.0

-1.0

51.1

2.5

PADD 5 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,016

9.4

Production

42

8.4

Imports

17

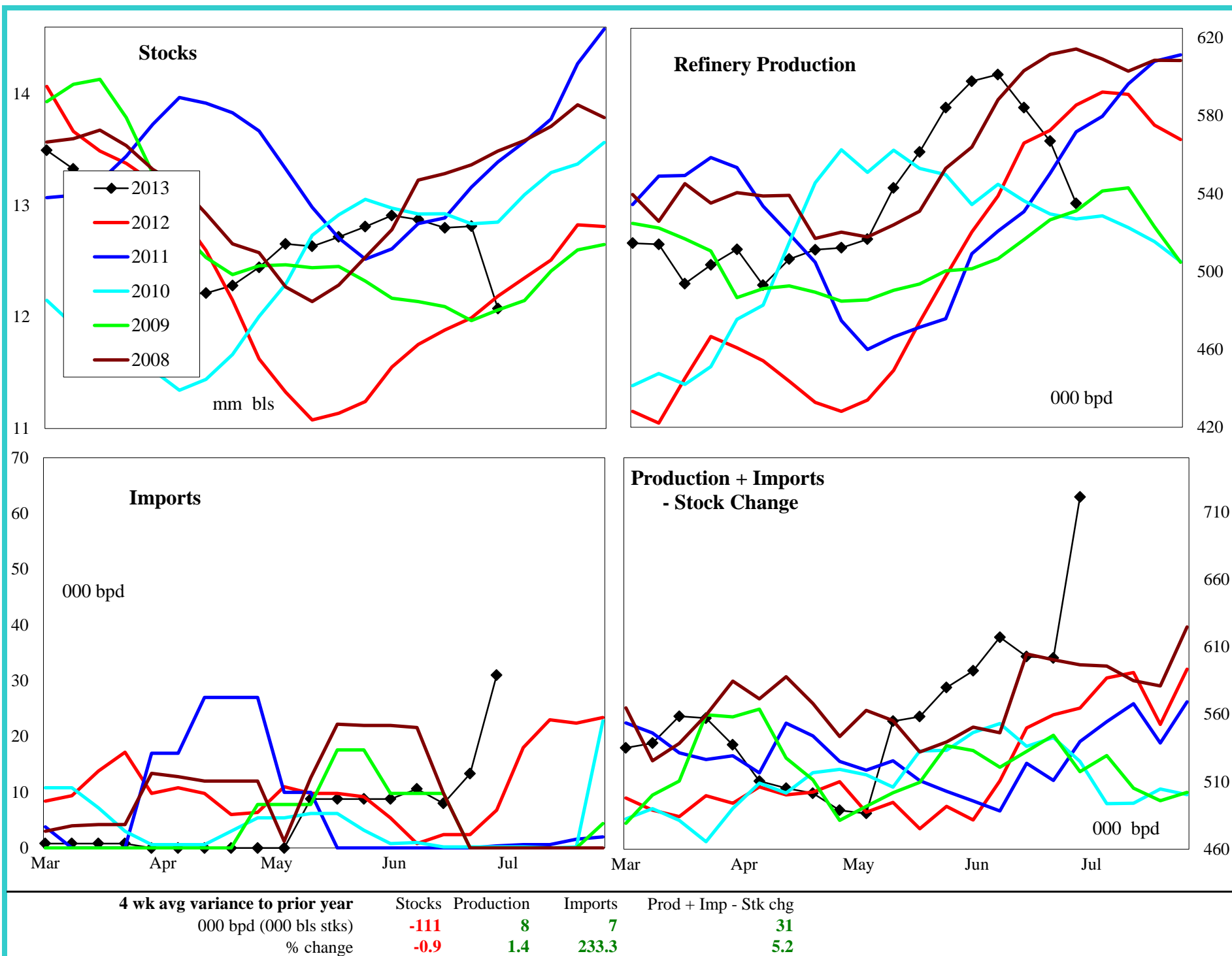
194.3

Prod + Imp - Stk chg

32

6.3

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply

