



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

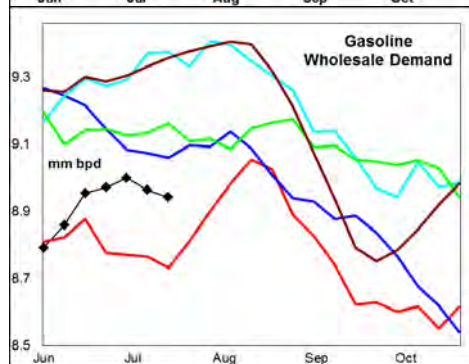
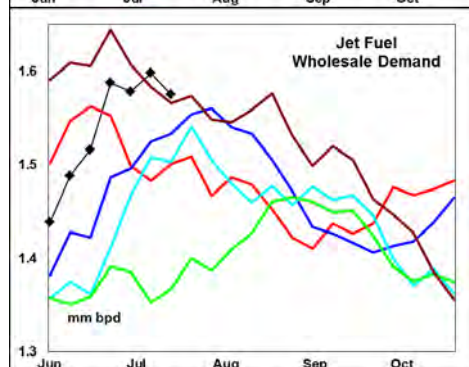
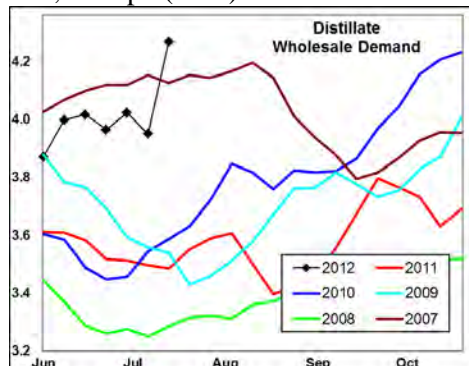
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, July 24, 2013



Major Fundamental Trends¹

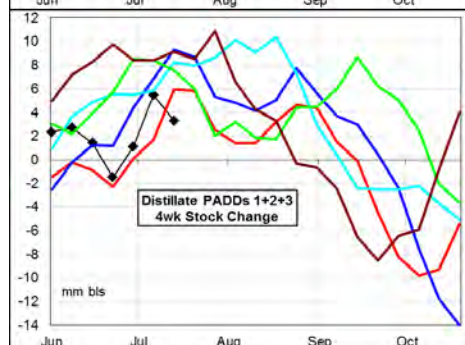
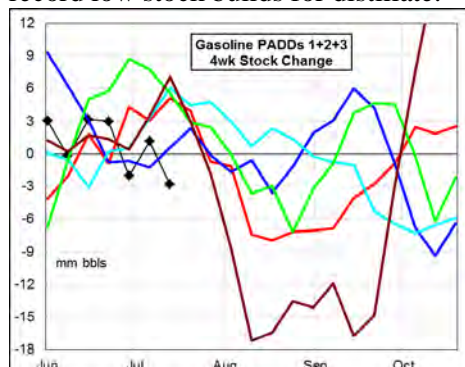
Wholesale transport fuel demand has witnessed a remarkable year on year increase during the last 4-wks. Distillate demand increased +620,000 bpd (+18%), jet fuel up +128,000 bpd (+9%) while gasoline increased 275,000 bpd (+3%).



While the increase likely includes sharply higher exports, the latest EIA estimates for exports saw distillate increase +209,000 bpd, with jet fuel nearly unchanged and gasoline -61,000 bpd lower. Also contributing the the surge in reported year on year growth, may be wholesale demand in 2012 was

likely understated for the period.

The surge in wholesale demand has led to stock draws for gasoline during the latest 4-wk period, compared to builds in prior years, and record low stock builds for distillate.



Demand for gasoline and distillate each surged last week, and likely include higher exports. Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +3.1%; distillate was +18% higher; jet fuel was +9% higher, and residual increased +11%.

Stocks forward coverage: Gasoline demand coverage declined on a -1.4 million barrel stock draw and +0.3 million bpd rise in wholesale demand. Coverage remains above the 5-year range.

Distillate coverage decreased on a -1.2 million barrel stock draw, and spike in wholesale demand. Coverage levels matched 5-year lows.

Jet fuel coverage fell on a -0.6 million barrel stock draw and robust demand. Coverage levels fell below the 5-year range.

Residual fuel oil coverage improved on the week with a +0.7 million barrel stock build and -155,000 bpd drop in demand. Coverage levels

ended the week at a level above the 3-year range.

Refinery utilization rates declined last week on a -206,000 bpd drop in crude oil runs. During the latest 4-wk period crude oil input was +434,000 bpd above a year ago.

Gasoline yield % on crude oil runs increased on a +166,000 bpd rise in output compared to the -206,000 bpd decline in crude oil runs. Yield % on crude oil runs ended the week at a level below the 5-year range.

Distillate yield % on crude oil runs were nearly unchanged on a -84,000 bpd drop in output compared to the decrease in crude oil thru put. The yield % on crude oil runs remains at a 5-yr high.

Jet fuel yield % on crude oil runs increased on a +36,000 bpd rise in output, compared to lower crude oil input. The yield % level was below the 5-year range.

Petroleum Imports/Exports: Imports of crude oil were higher last week, while gasoline imports fell to new record lows.

During the latest 4-wk period crude oil *imports* were -1.3 million bpd below last year; distillate imports increased +16,000 bpd; finished gasoline imports increased +39,000 bpd, gasoline blend stock imports were -389,000 bpd lower; jet fuel imports increased +52,000 bpd, while residual fuel oil imports were -28,000 bpd lower.

The latest weekly *export* estimate saw a +209,000 bpd jump in residual fuel, distillate +190,000 bpd, jet fuel +4,000 bpd and gasoline decreased -61,000 bpd.

Crude Oil stocks decreased -2.8 million barrels last week, including a -4.6 million barrel draw in the Midwest region. Stocks ended the week -15.9 million barrels below last year's record level (-4.2%). Stock levels ended the week -3.9% below last year in Cushing.

¹ Source is latest EIA Weekly Statistics



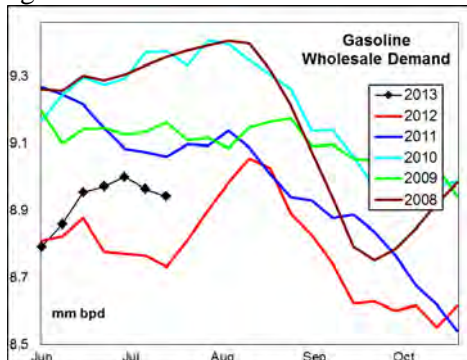
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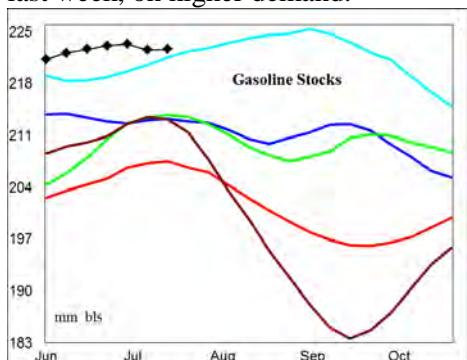
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Product Supply-Demand Trends

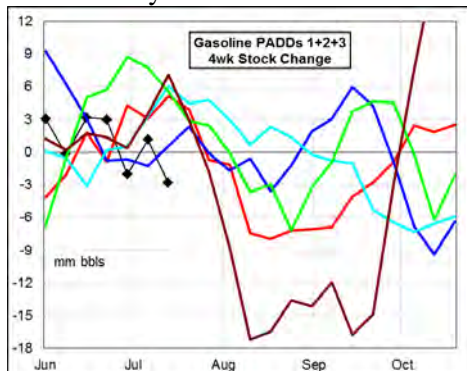
Gasoline wholesale demand increased +253,000 bpd on the week. The latest 4-wk average demand was +275,000 bpd above a year ago, and likely includes a rise in exports. Supply fell -229,000 bpd last week on a sharp drop in imports, partially offset by higher production. Supply for the latest 4-wk period was +130,000 bpd above a year ago.



Stocks decreased -1.4 million barrels last week, on higher demand.



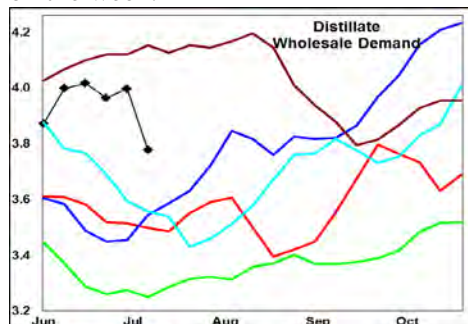
The latest 4-wk stock change in markets East of the Rockies was a -2.8 million barrel draw, a record draw for this time of year.



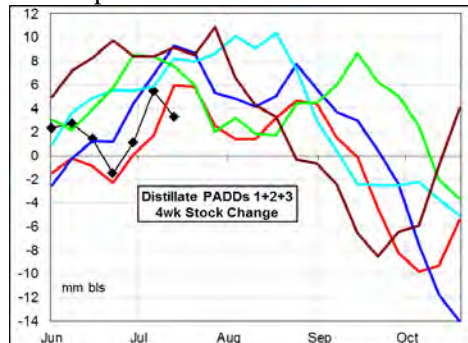
Robust demand, (including increased exports) has led to a +3.1% over a year ago for the most recent 4-wk period has reduced the rate of stock

building to a 5-year low. Look for a seasonal stock draw during the next 45-days. Stock levels remain very high PADDs 1, 3 and 5.

Distillate demand surged +0.5 million bpd on the week, a new record high level. The high level of demand likely includes some increase in exports. The latest 4-wk average demand was +620,000 bpd above a year ago, an +18% increase. Supply decreased -46,000 bpd last week although the level remains well above the historic range. The latest 4-wk average supply was +279,000 bpd above last year. Stocks decreased -1.2 million barrels on the week.



The latest 4-wk stock change in markets East of the Rockies was a +3.3 million barrel build, a record low build for the period.



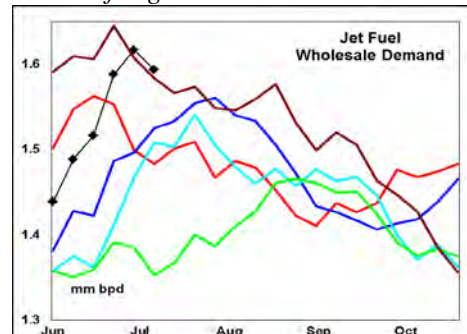
An exceptional increase in demand (likely including an increase in exports) of +18% over a year ago for the most recent 4-wk period has reduced the rate of stock building to a 5-year low. This fundamental trend points to a slower than normal rate of improvement in the supply balance.

Jet Fuel wholesale demand decreased -18,000 bpd last week, with the level matching 5-year highs. The latest 4-wk average demand was +128,000 bpd

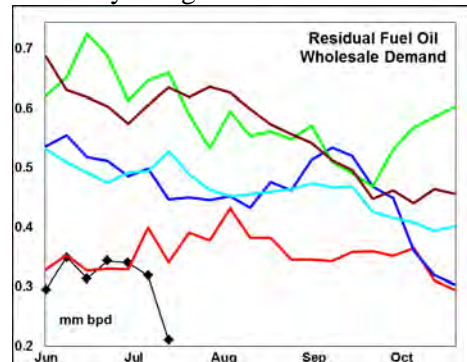
above last year, +9% increase.

Supplies decreased -17,000 bpd on the week, with production above the average of the last 3-years. Supply for the latest 4-wk period was +52,000 bpd above a year ago. Stocks fell below the 5-year range.

Look for demand to pull back from current record levels. 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 decreased -155,000 bpd last week. Demand for the latest 4-wk period was +33,000 bpd above a year ago.



Supply (production + imports) increased +113,000 bpd last week, on higher imports and production. Production levels and imports each increased to near the 5-year mid range. Stock levels matched the average of the last 3-years.

Stock levels remain above the 5-year range in the Midwest, while in the Gulf region stocks are +3.5 million barrels above last year and a record. Demand for the latest 4-wk period fell to record lows last week.



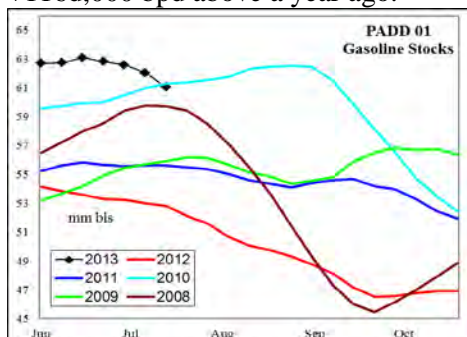
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PADD Supply Trends

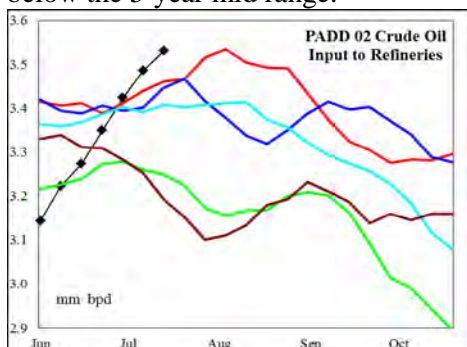
PADD 1 refinery crude oil runs fell -115,000 bpd last week, to a level that matched year ago runs. The latest 4-wk average crude oil thru put was +116d,000 bpd above a year ago.



Gasoline supply decreased -191,000 bpd on a drop in imports that was partially offset by higher production. Stocks declined -1.4 million barrels last week, to a level that matched 5-year highs.

Distillate supply was nearly unchanged last week. Stocks increased +0.5 million barrels with ULSD stock levels at 5-year highs.

Jet fuel stocks declined -0.5 million barrels last week, to a level below the 5-year mid range.



PADD 2 crude oil refinery runs increased +12,000 bpd on the week, with the level above the 5-year range. Runs for the latest 4-wk period were +52,000 bpd above prior 5-year highs. Crude oil stocks fell -4.6 million barrels last week, driven by the record refinery runs. Stocks ended the week -4% below a year ago in Cushing.

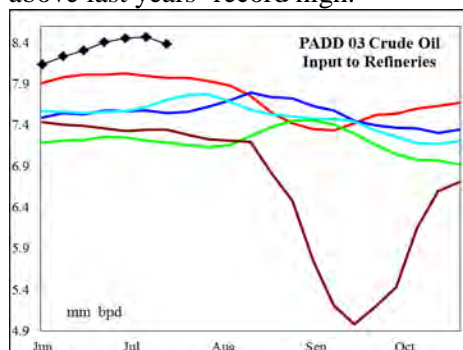
Gasoline production increased +65,000 bpd on the week, to a level that matched the 3-year average. Stocks increased +1.1 million barrels

although the level remains below the 5-year range.

Distillate supply increased +32,000 bpd last week, to a new season high level. Stocks decreased -0.4 million barrels on the week, to a level equal to the latest 3-year average.

Jet fuel production increased +12,000 bpd last week, to a level that matched 5-year highs. Stock levels remain below the 5-year range.

PADD 3 refinery runs decreased -146,000 bpd on the week with the level +5% above last year's record high. During the latest 4-wk period, average runs were +423,000 bpd above a year ago. Crude oil stocks increased +1.9 million barrels last week, a level -5% above last years' record high.



Gasoline supply increased +31,000 bpd on the week, with the latest 3-wk average +91,000 bpd above a year ago. Stocks decreased -1.3 million barrels with the level above the 5-year range.

Distillate supply was nearly unchanged on the week, with the latest 4-wk average supply +180,000 bpd above last year. Stocks decreased -0.8 million barrels on the week, with the level equal to a year ago.

Jet fuel supply increased +42,000 bpd on the week, with production matching historic highs. Stock levels fell to fresh 5-year lows.

Residual fuel oil supplies decreased -28,000 bpd to a level comparable with last year. Stock levels ended the week +19% above a year ago, and a record high.

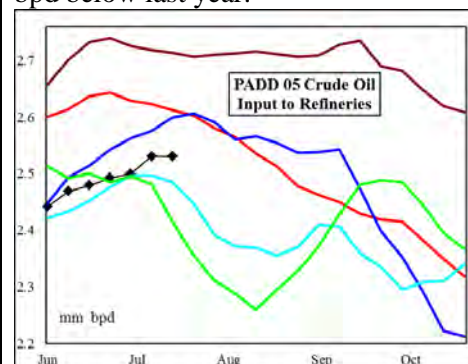
PADD 4 refinery crude runs increased +17,000 bpd on the week, ending the week at a level which matched the latest 3-year mid range.

Gasoline production declined -28,000 bpd on the week, to a level near the mid range of the last 3-years. Stocks declined -0.2 million barrels to a level at the low end of the historic range.

Distillate production decreased -9,000 bpd, with the level below the last 3-years. Stock levels ended the week near historic lows.

Jet fuel production fell last week below the 5-year range, although stock levels remain near the average of the last 3-years.

PADD 5 crude oil refinery runs increased +24,000 bpd on the week; a level below the last 2-years. The latest 4-wk average run rate was -102,000 bpd below last year.



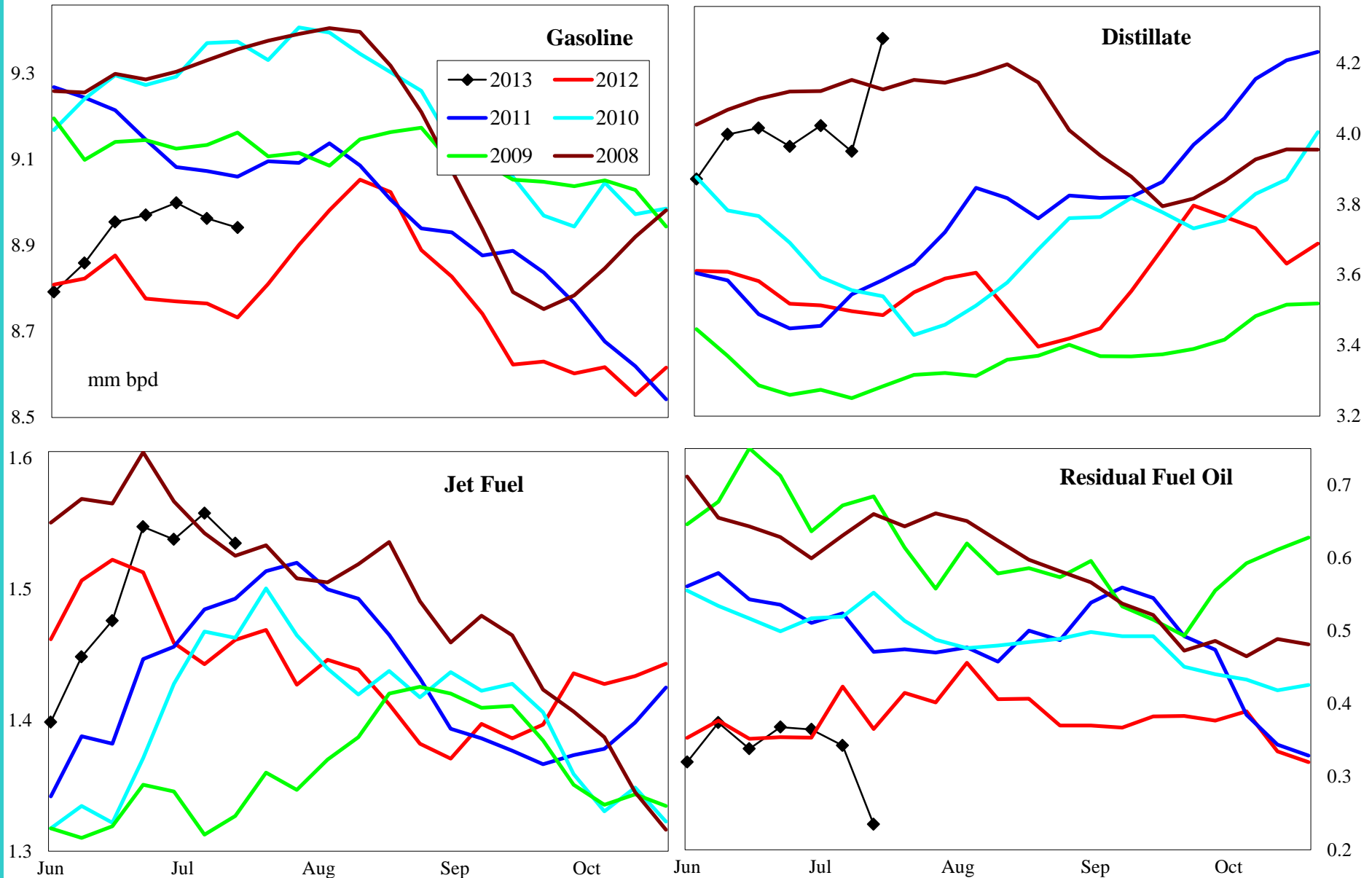
Gasoline supply increased +49,000 bpd on the week with production at a new 5-year high. The latest 4-wk average supply was +78,000 bpd above a year ago. Stocks increased +0.4 million barrels on the week, to a level near historic highs.

Distillate supply fell -64,000 bpd, with production below the last 2-years. The latest 4-wk average supply was -18,000 bpd below last year. Stocks decreased -0.2 million barrels on the week, to a level near historic highs.

Jet fuel supply decreased -27,000 bpd on the week, with the production falling below the 5-year range. Stocks fell -0.3 million barrels to a record low for this time of year.

Residual fuel oil supply during the latest 4-wk period was +28,000 bpd above last year with stock levels near the historic mid range.

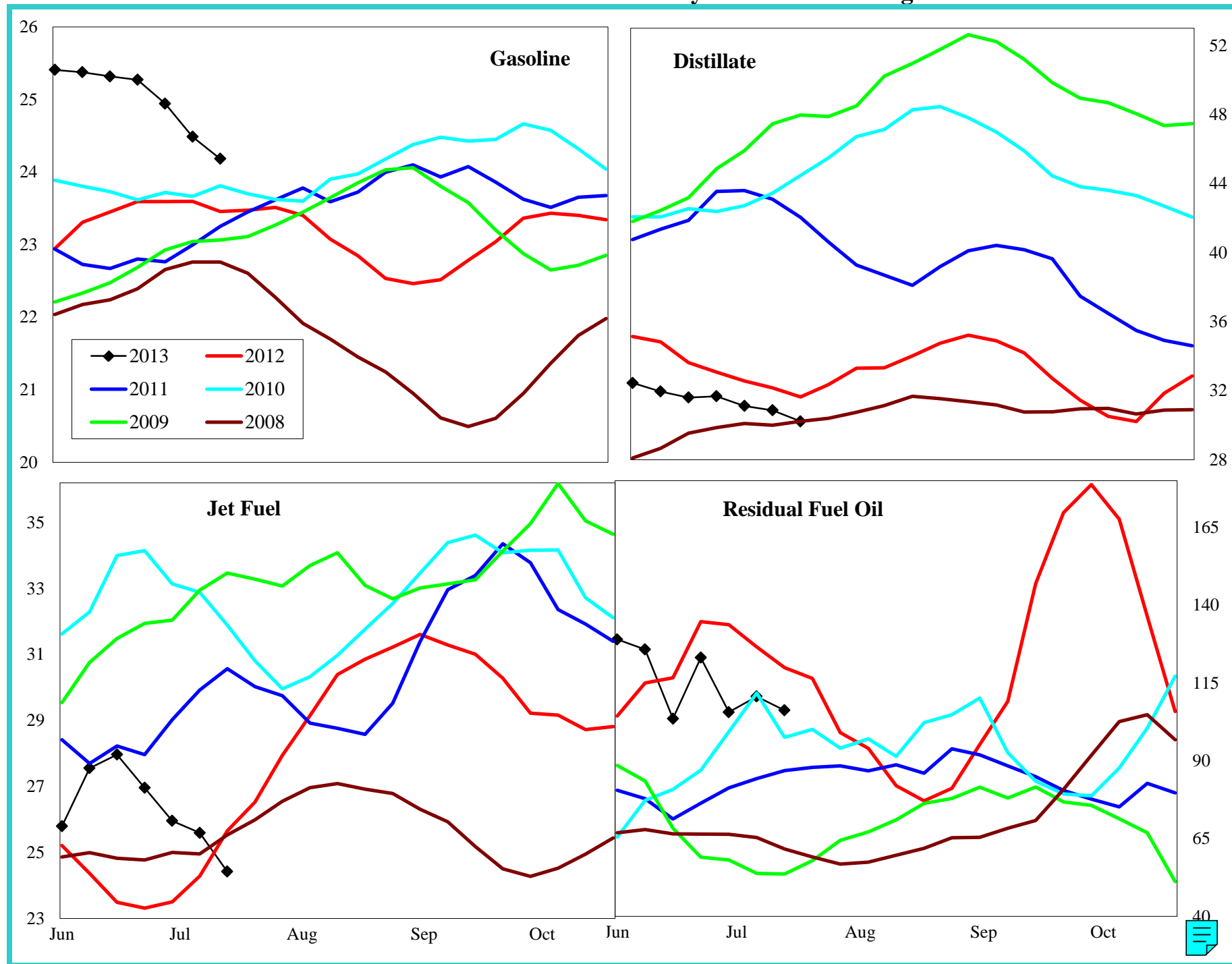
United States Wholesale Petroleum Demand



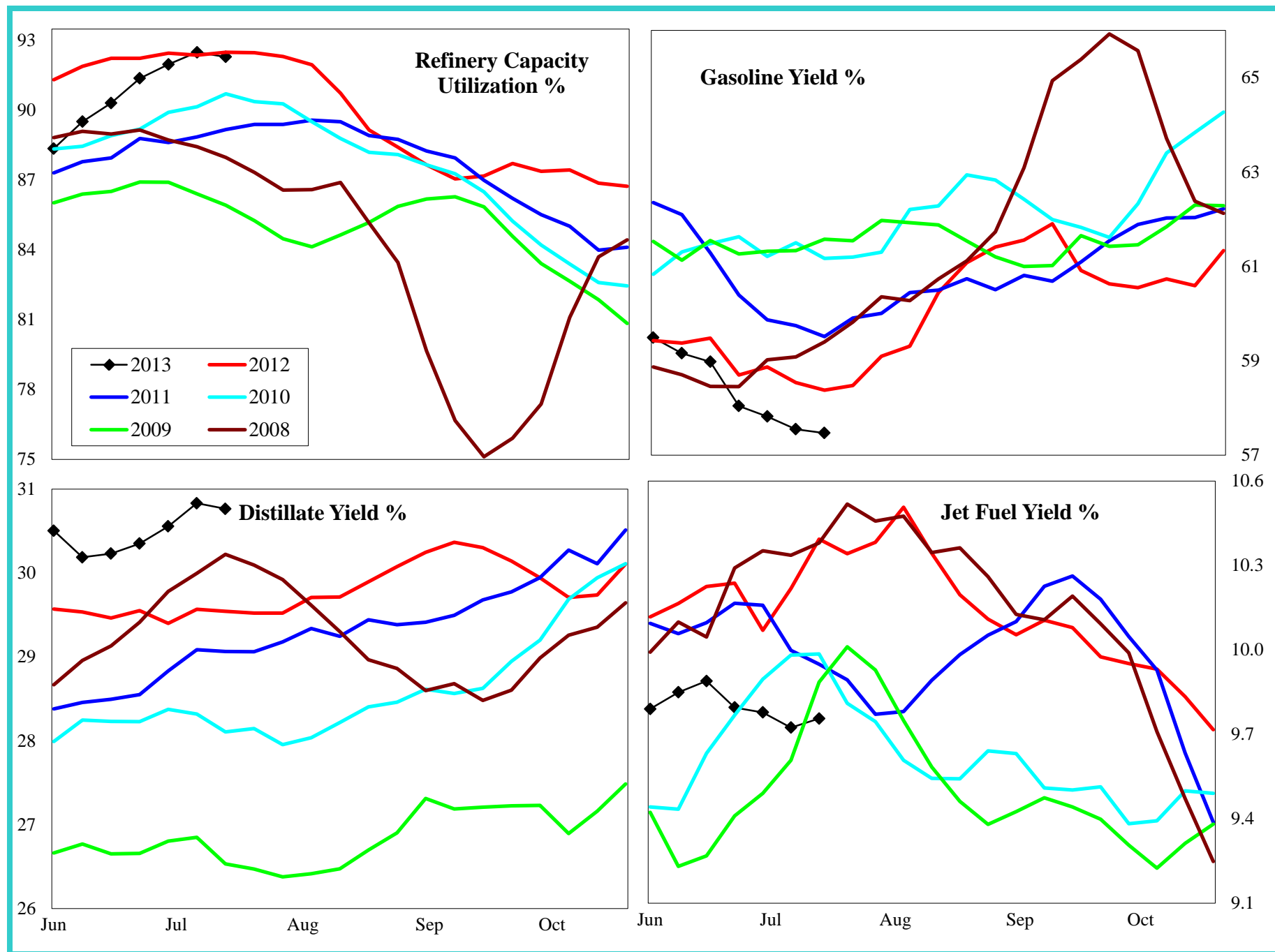
	000 bpd change from prior year				% change from prior year				
	4wk avg	Jun	May	Jan	4wk avg	Jun	May	Apr	
Gasoline	275	-116	-269	-51	3.1	-1.3	-3.0	-0.6	
Distillate	620	380	96	167	17.8	10.2	2.6	4.5	
Jet Fuel	128	-56	75	55	8.7	-3.6	5.3	4.0	
Resid	33	-100	111	-124	10.5	-26.9	37.8	-30.4	



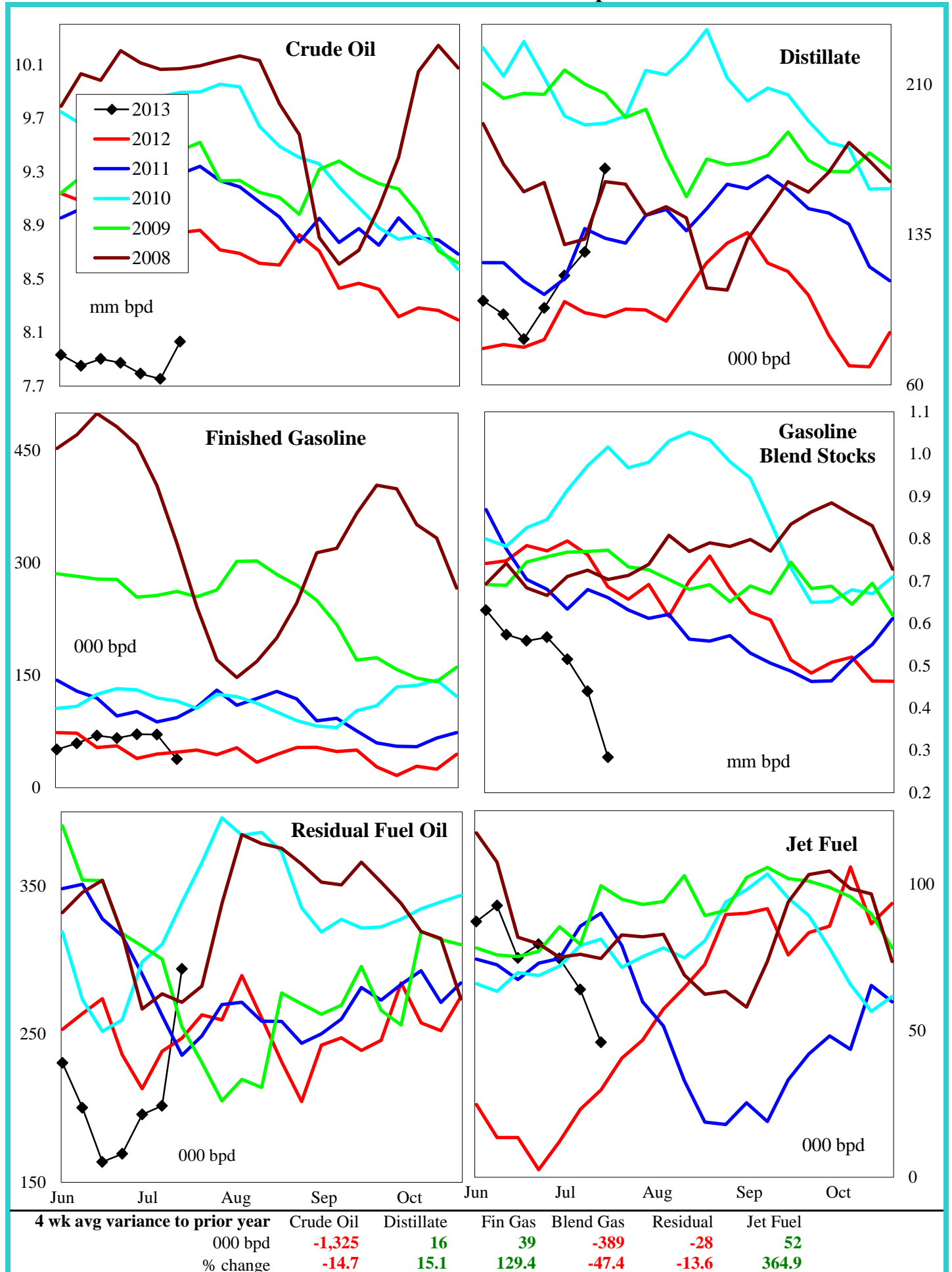
United States Product Stocks: Days Forward Coverage



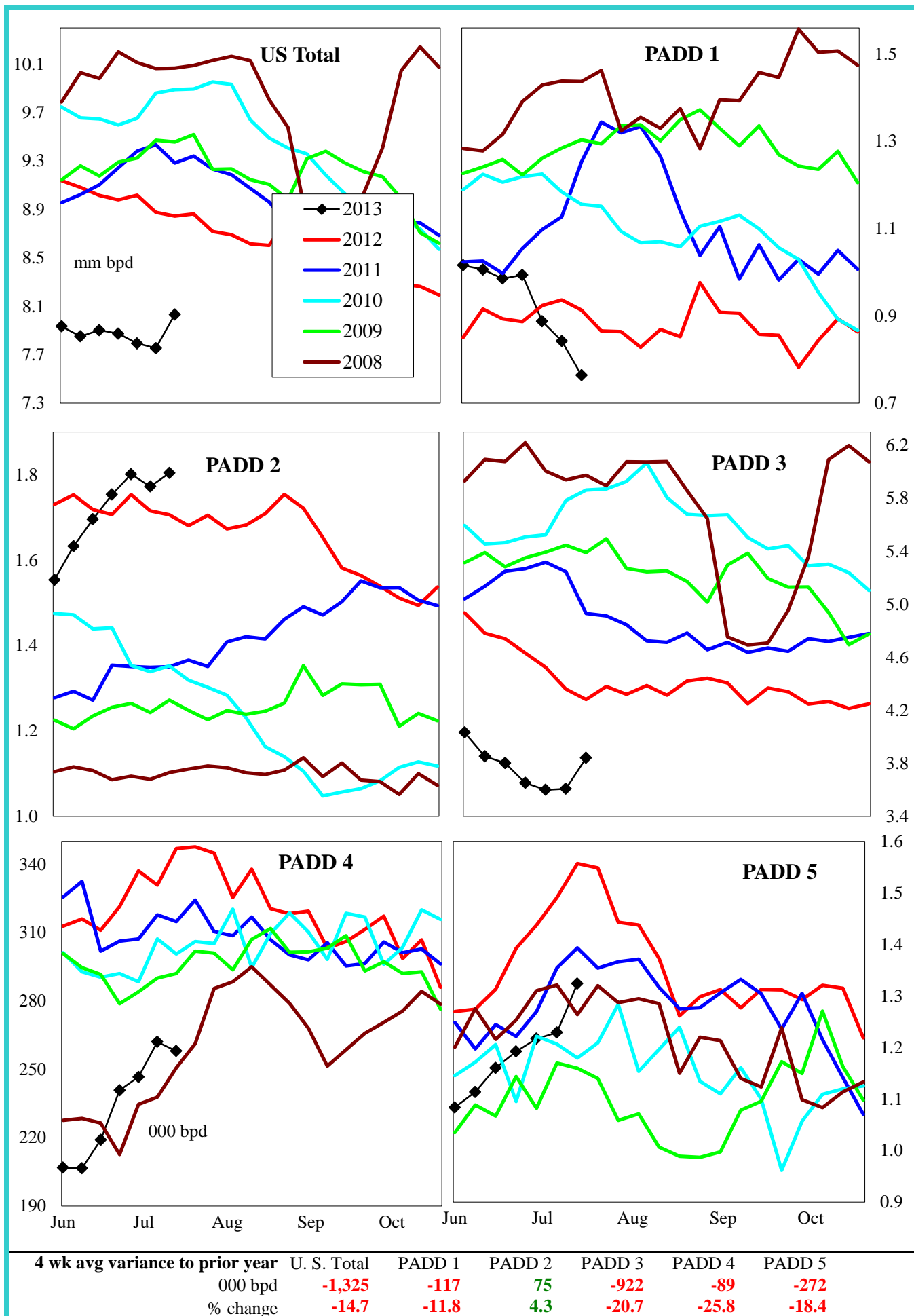
United States Refinery Percent Utilization Rate and Product Yields



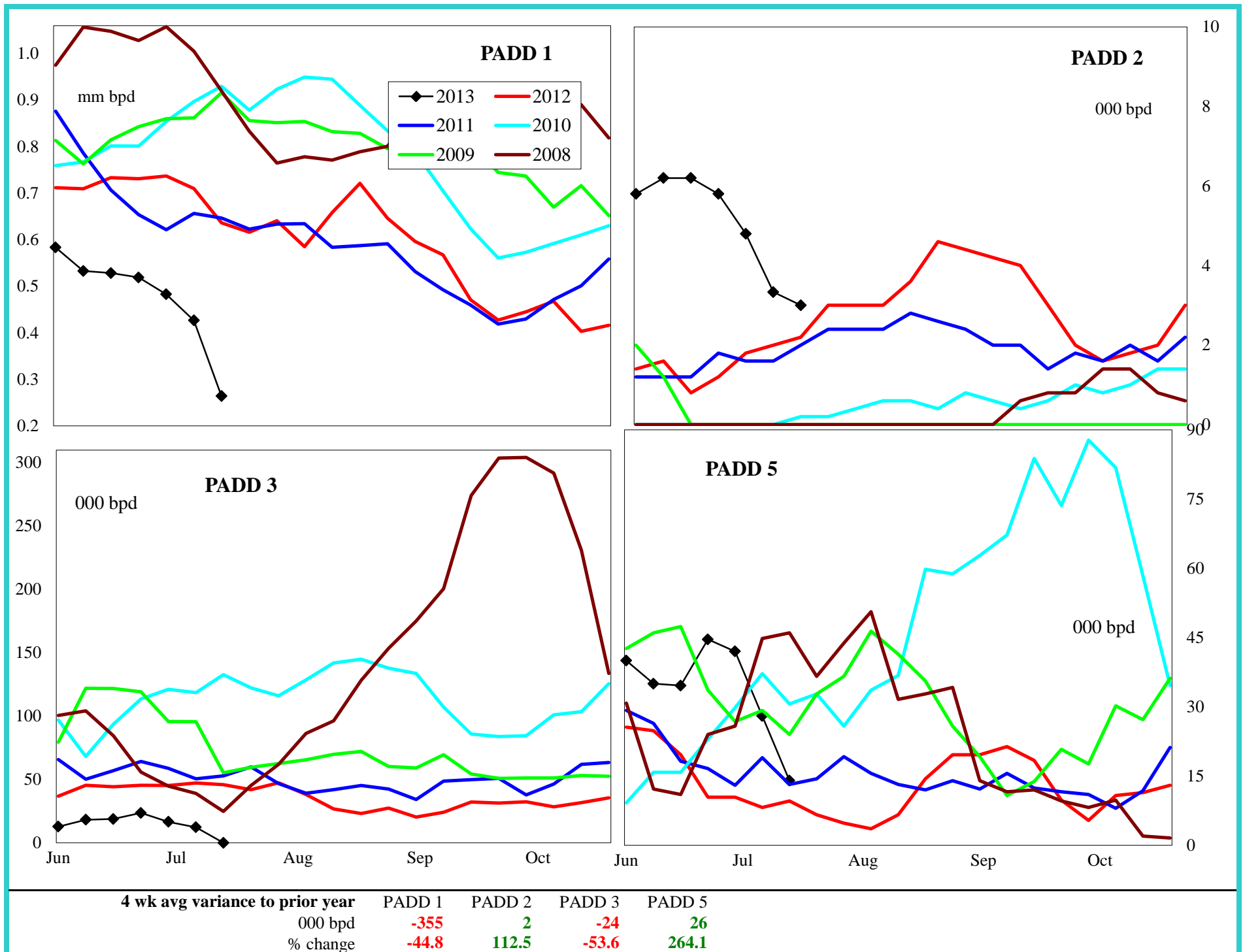
United States Petroleum Imports



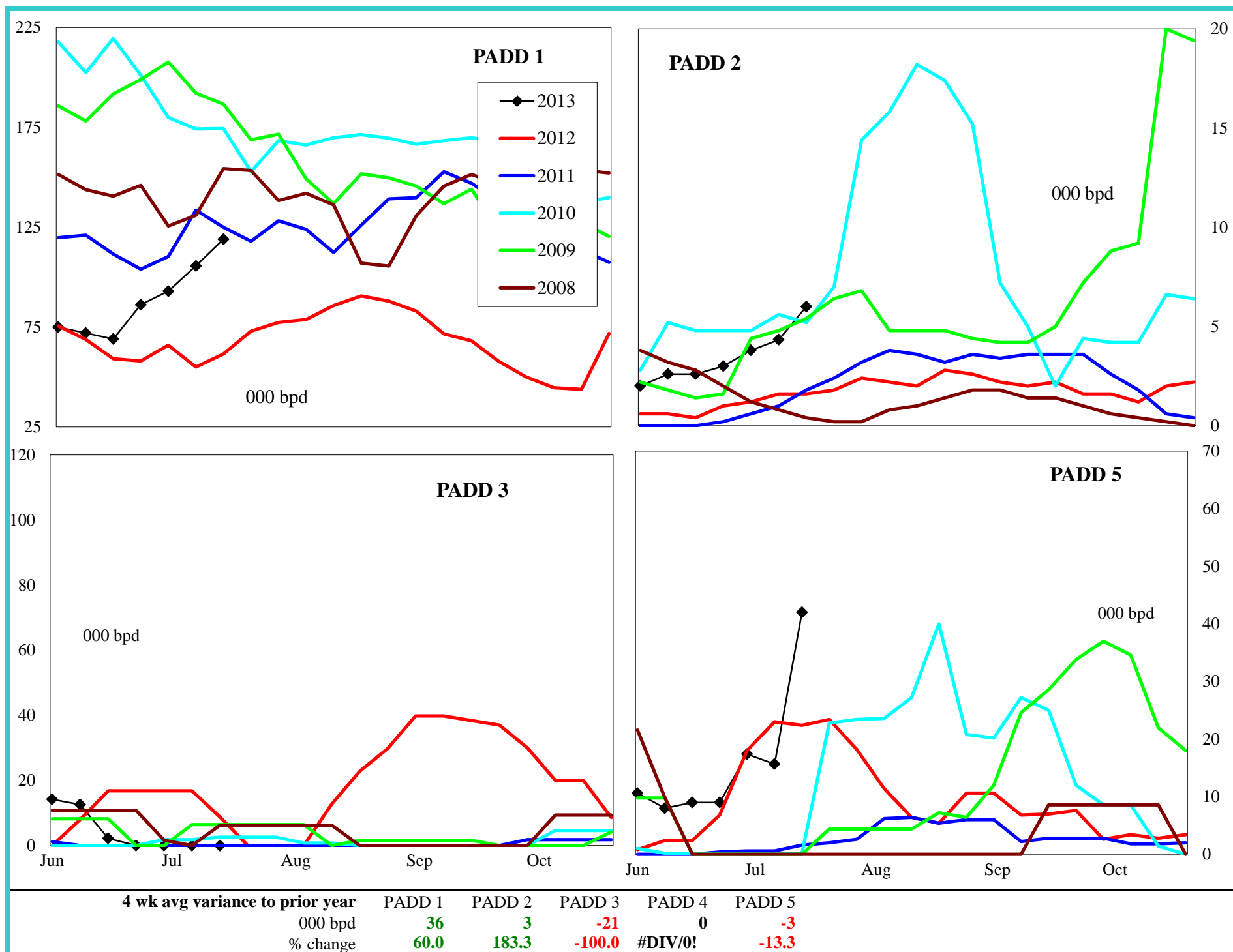
Crude Oil Imports by PADD



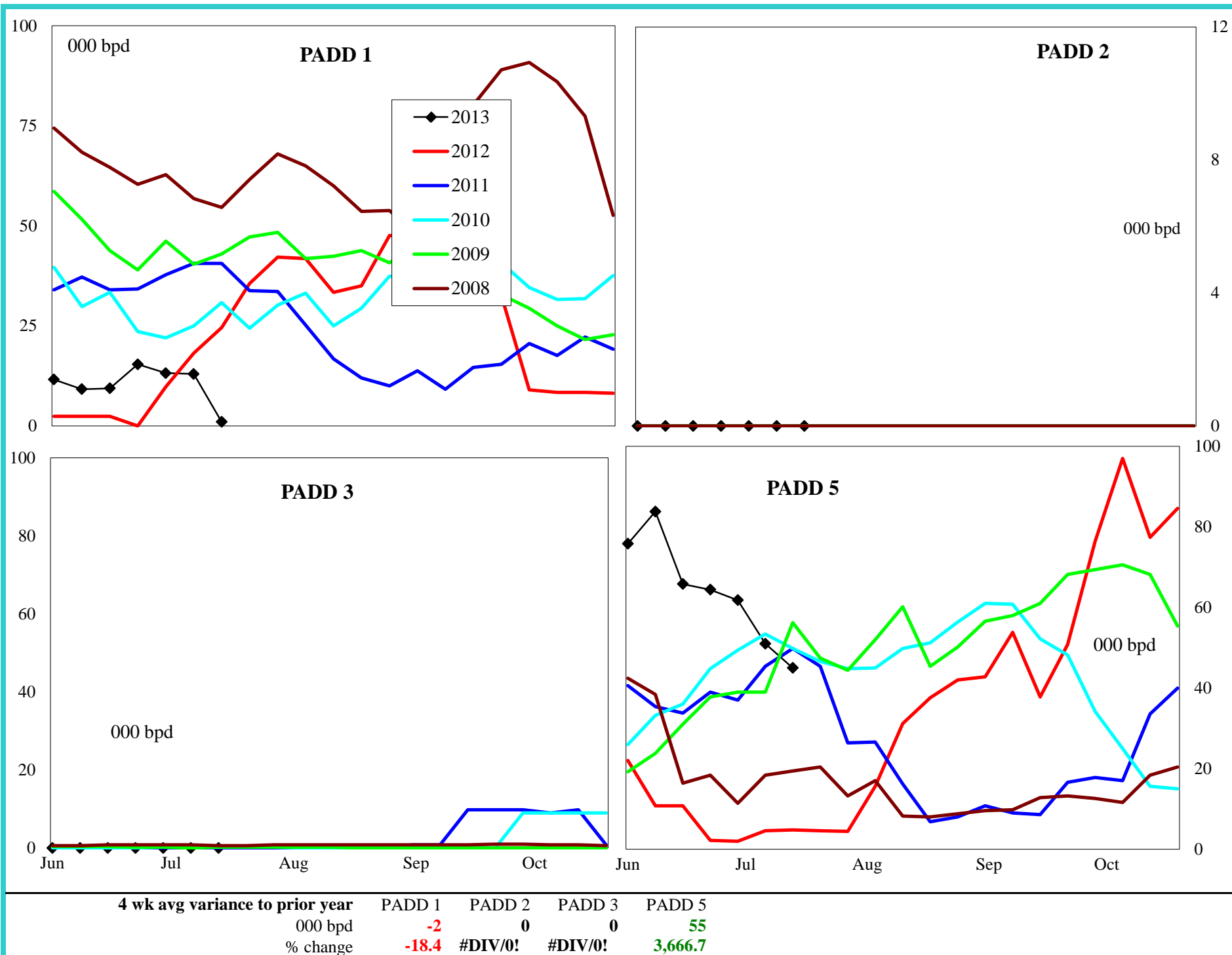
Gasoline Imports by PADD (Finished + Blend Stocks)



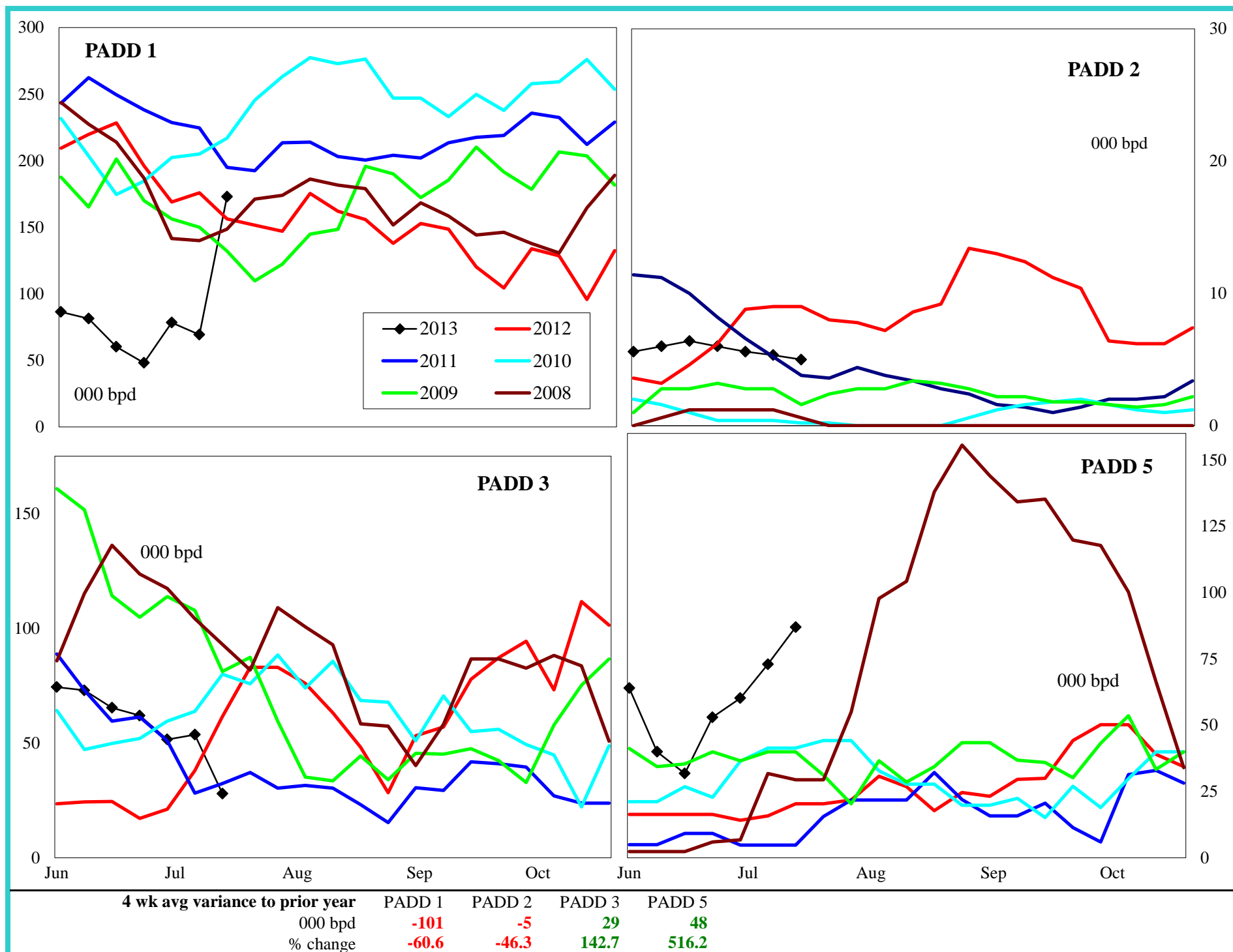
Distillate Imports by PADD



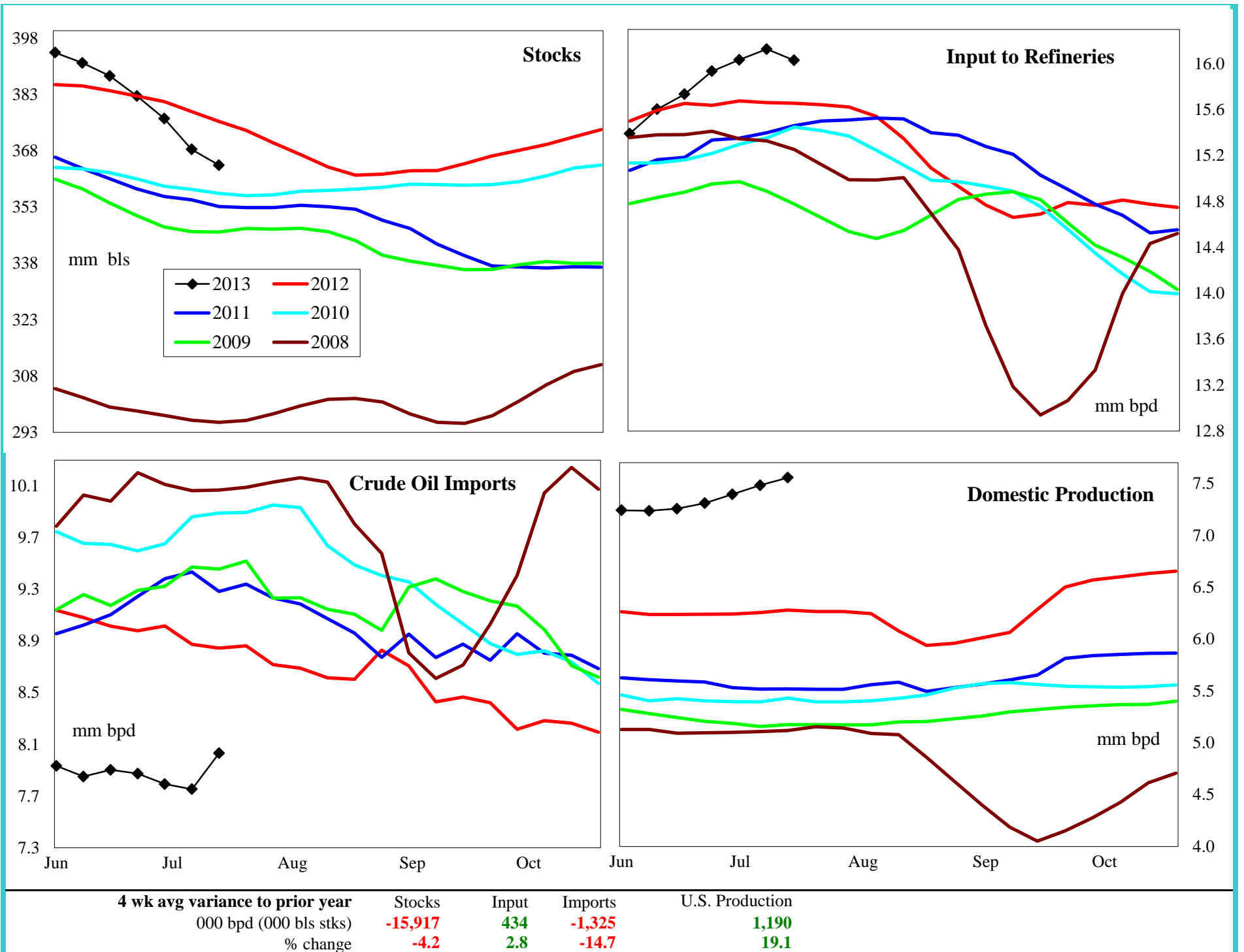
Jet Fuel Imports by PADD



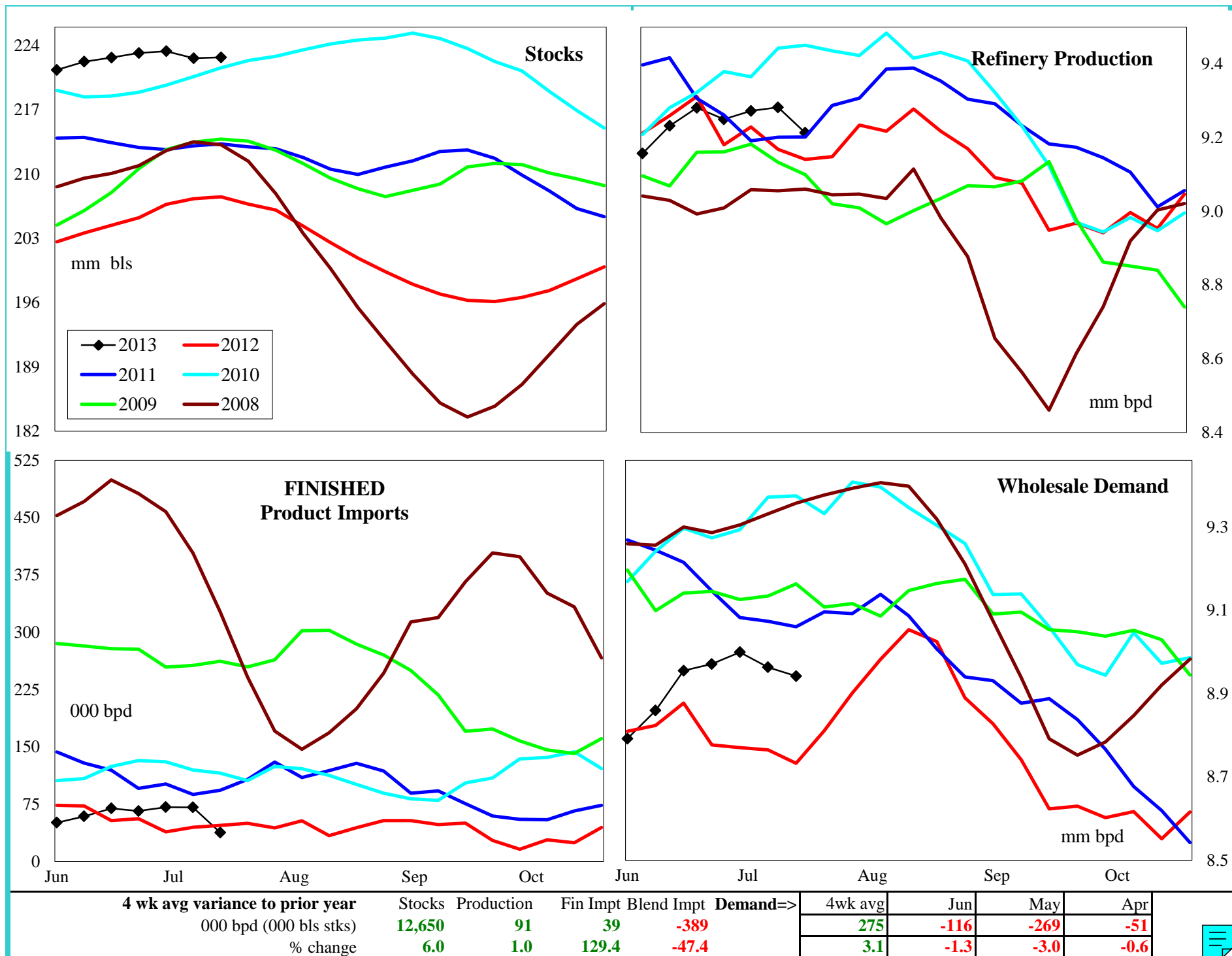
Residual Fuel Oil Imports by PADD



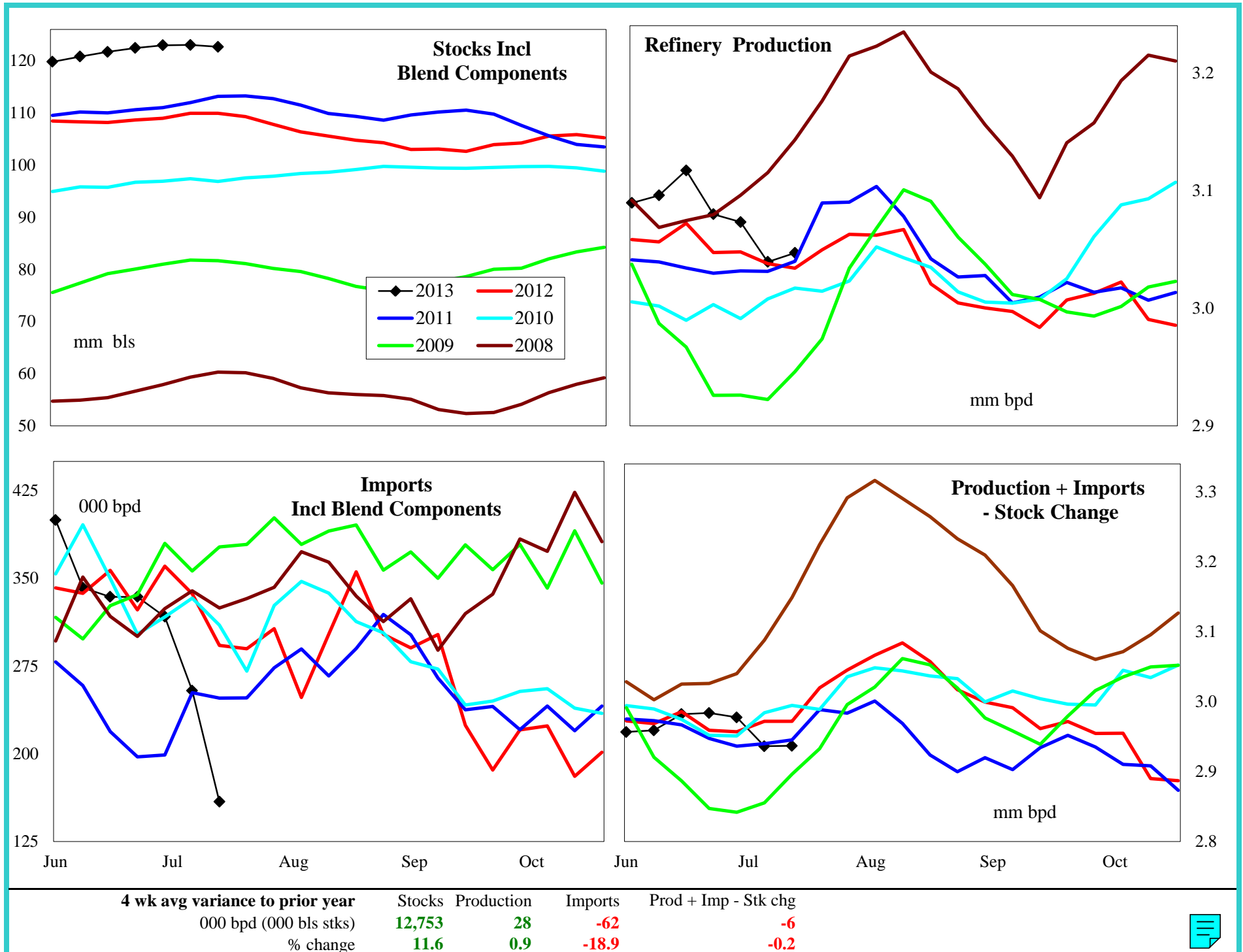
United States Crude Oil Supply and Demand Balance



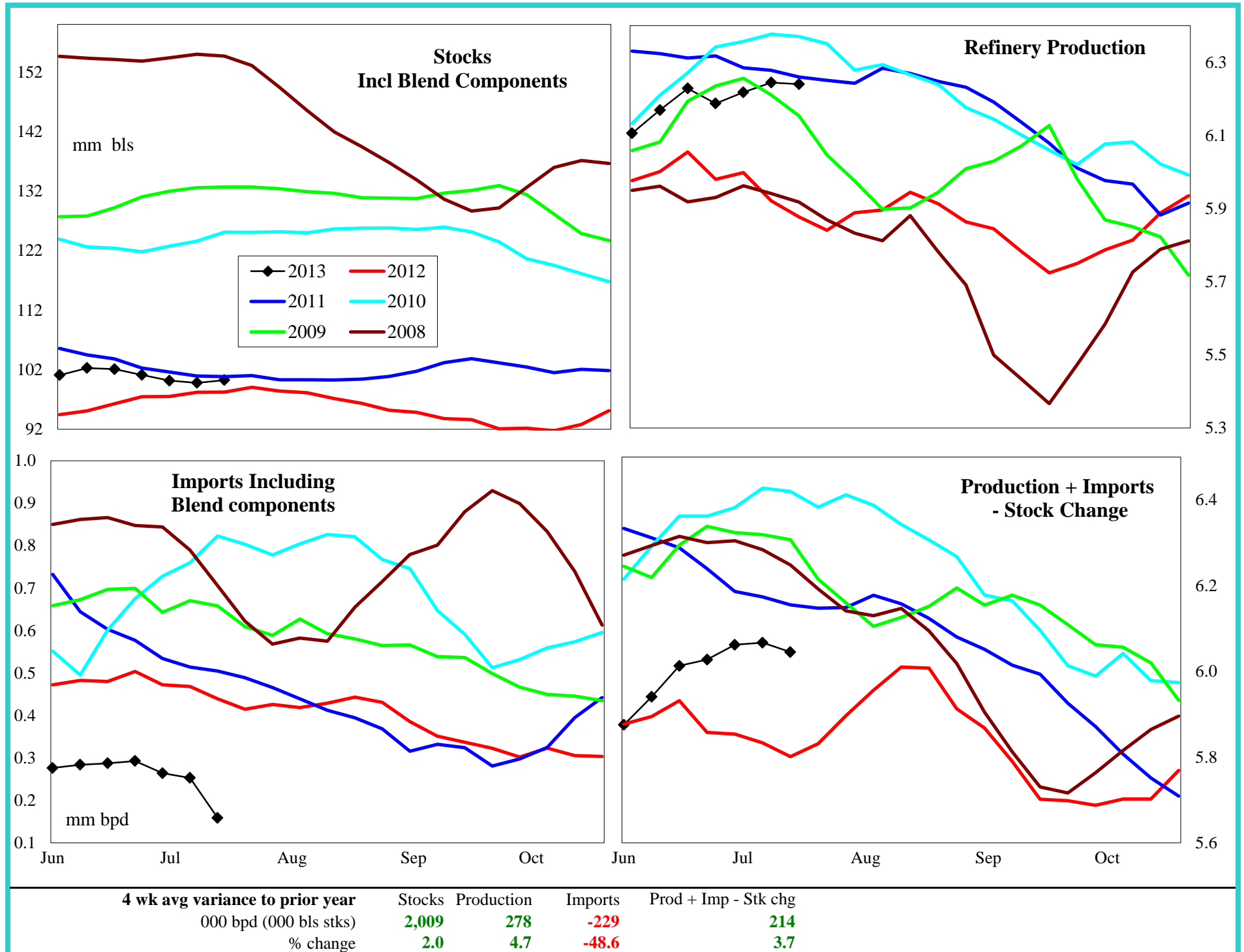
United States Gasoline Supply and Demand Balance



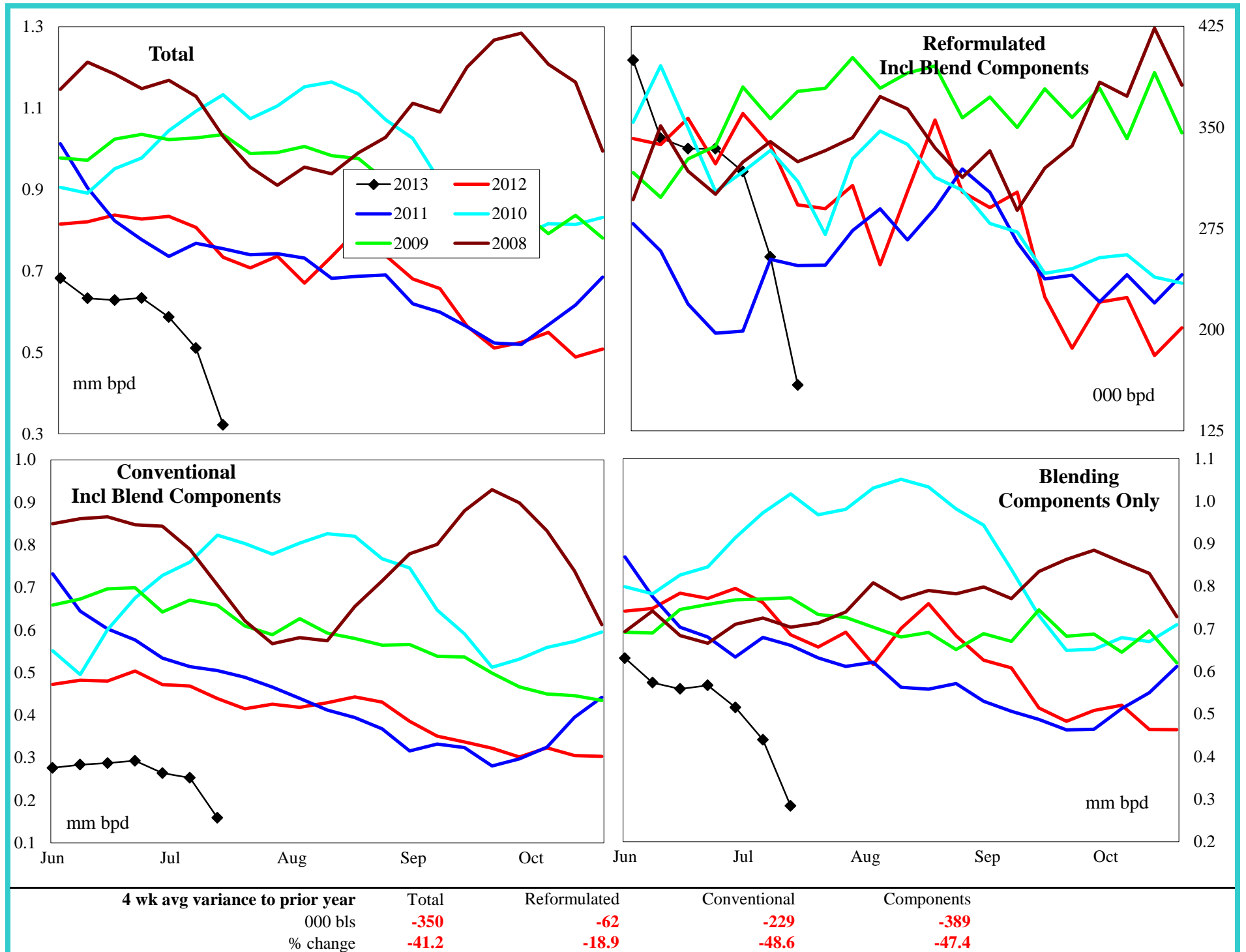
United States Reformulated Gasoline Supply



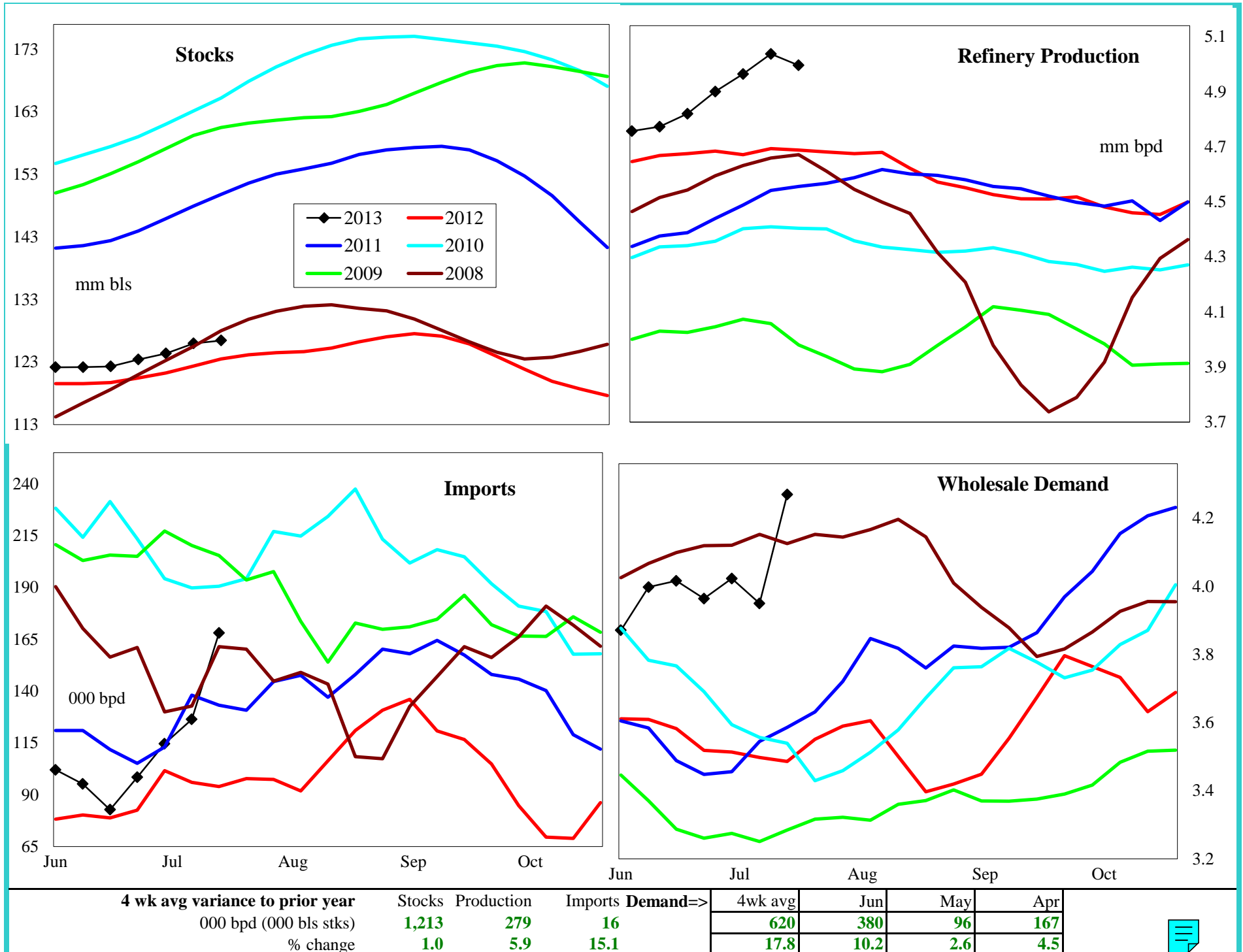
United States Conventional Gasoline Supply



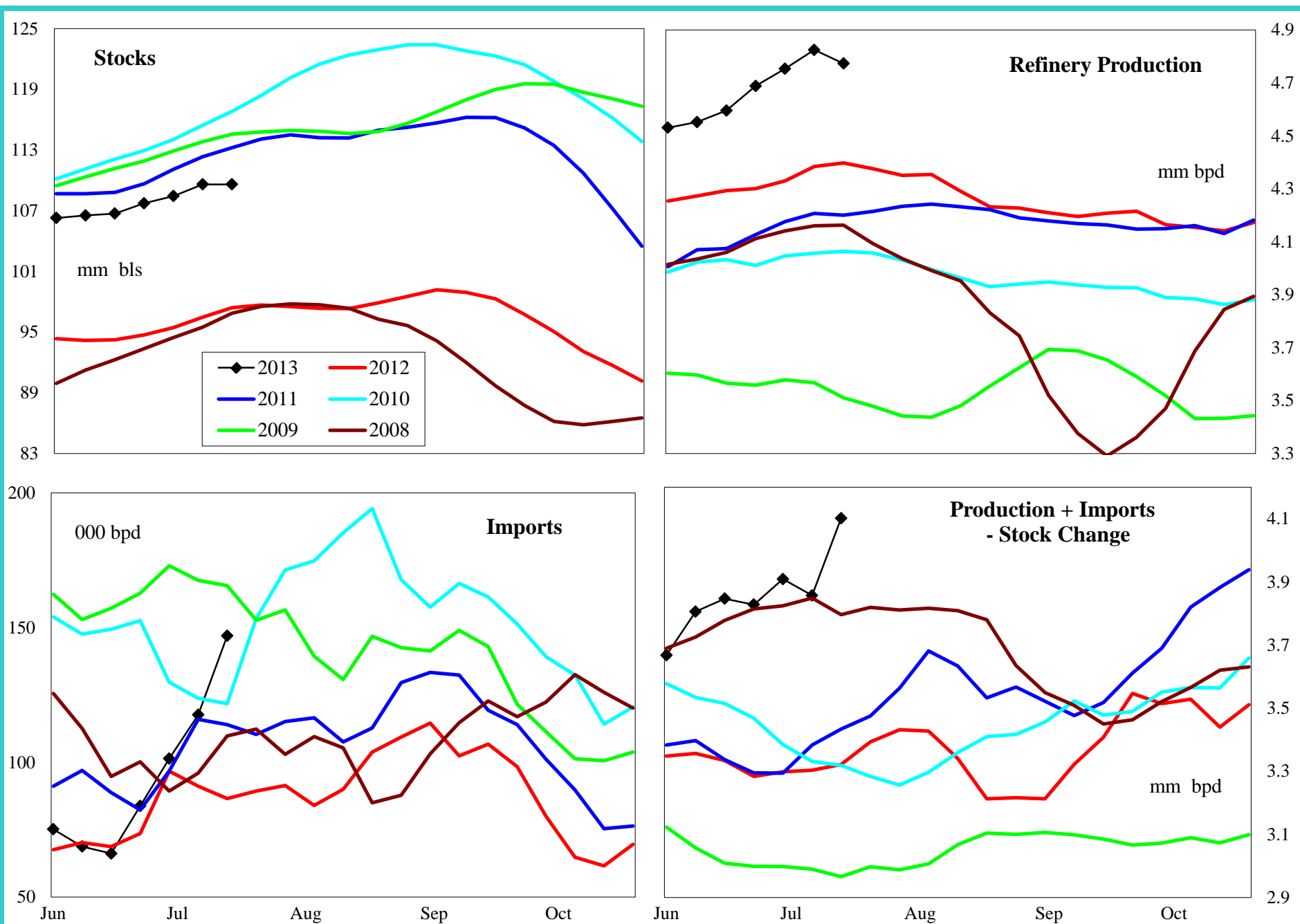
United States Gasoline Imports by Type



United States Distillate Supply and Demand Balance



United States Low Sulfur Distillate Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

10,759

10.9

Production

387

8.8

Imports

6

6.3

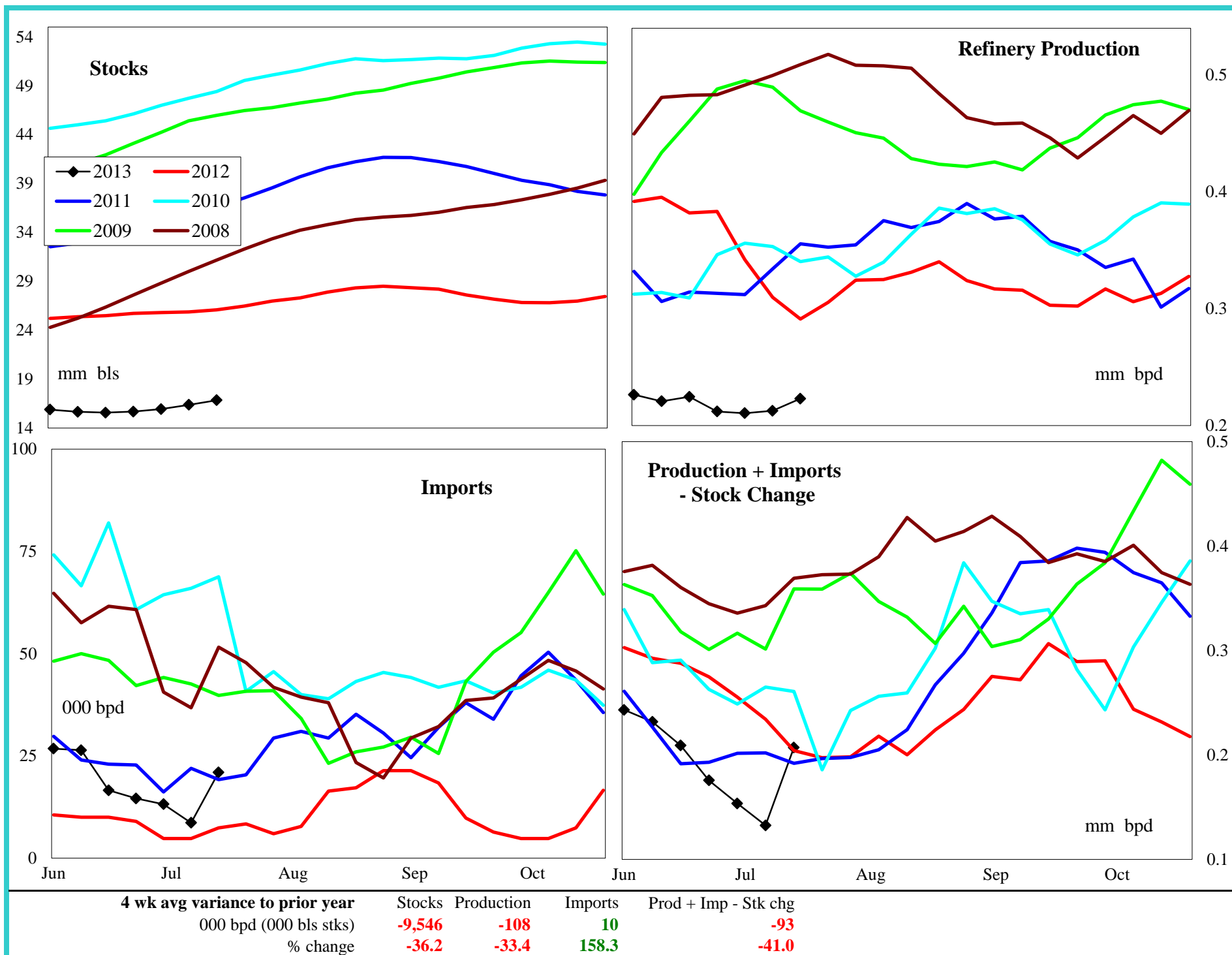
Prod + Imp - Stk chg

713

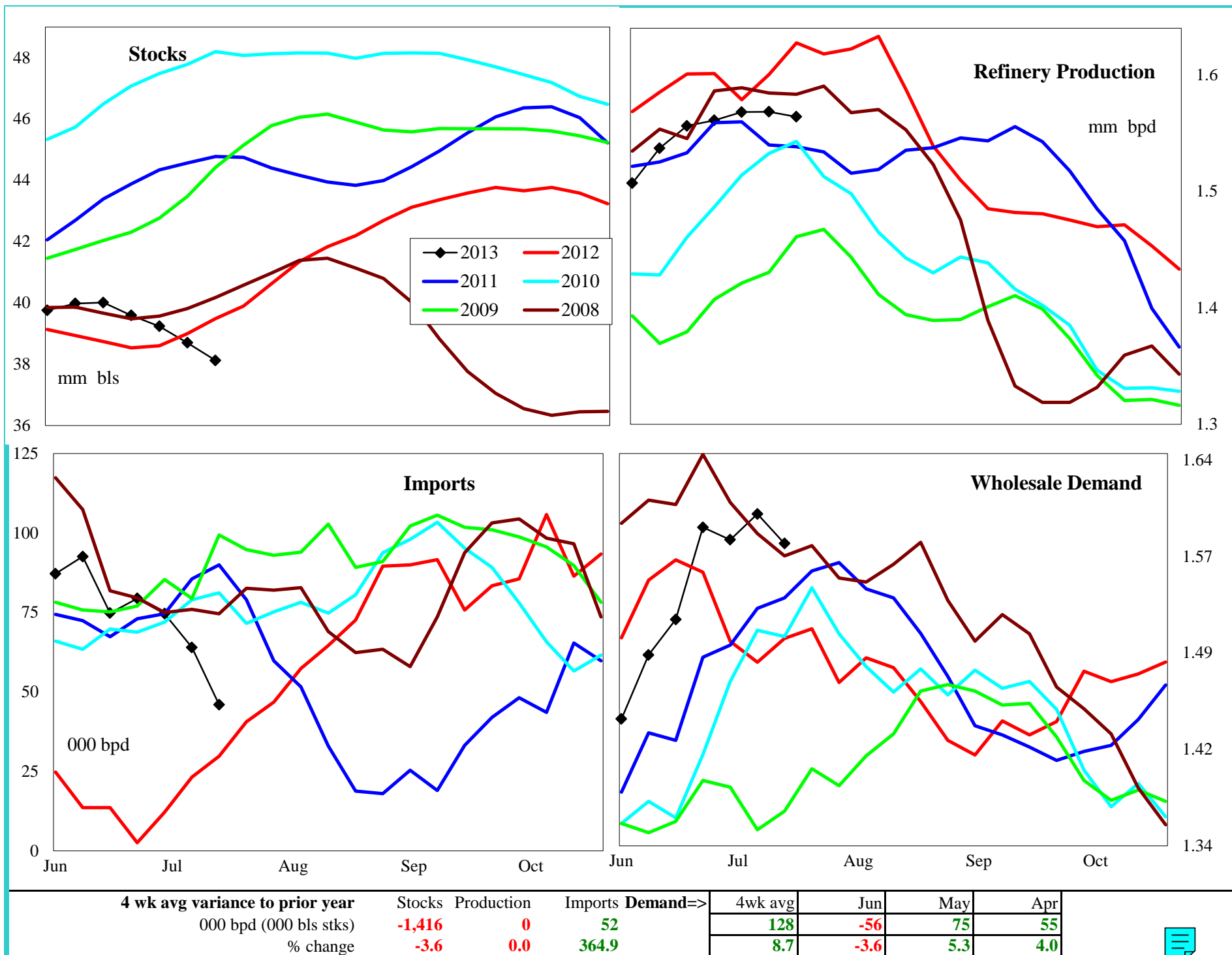
21.9



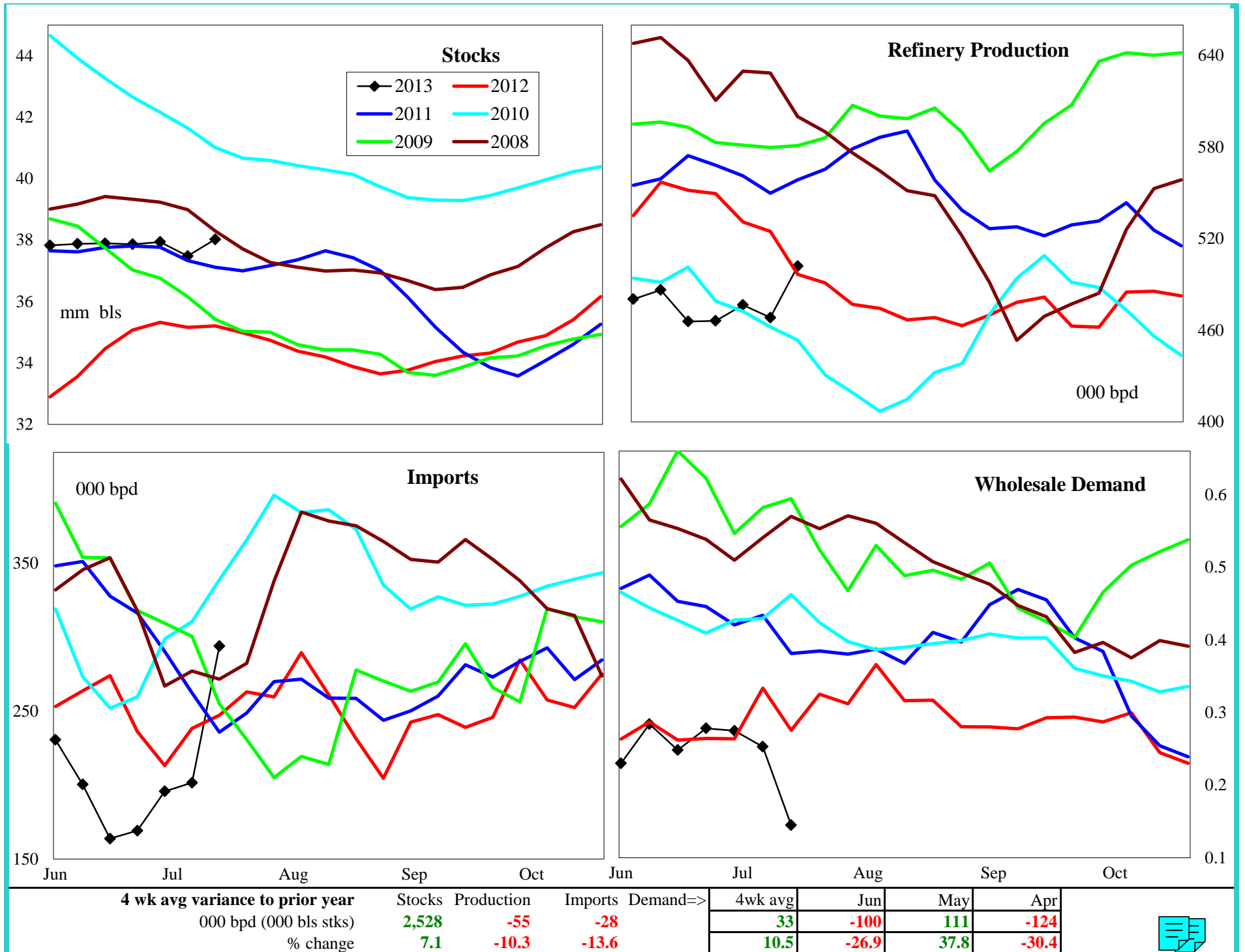
United States High Sulfur Distillate Supply



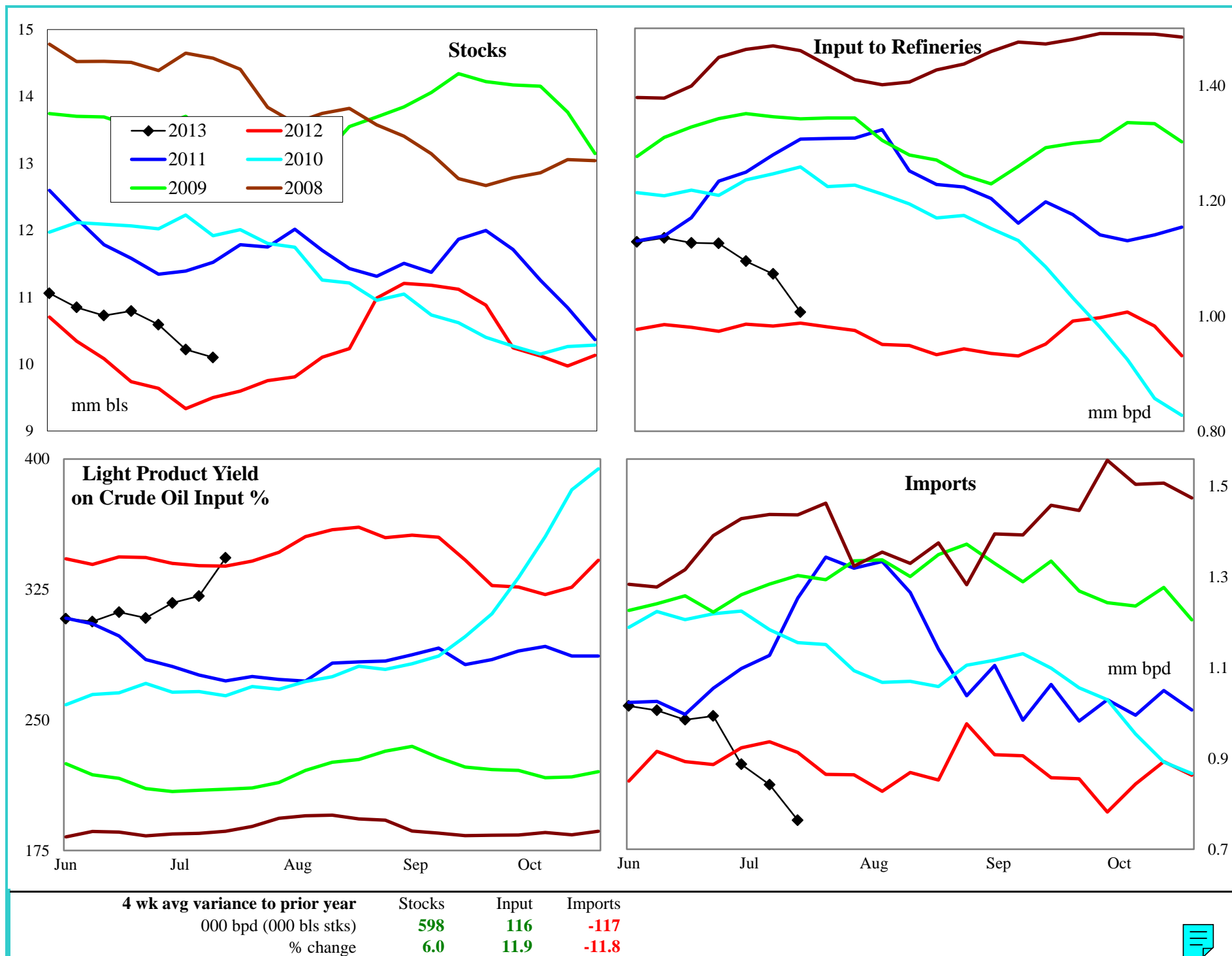
United States Jet Fuel Supply and Demand Balance



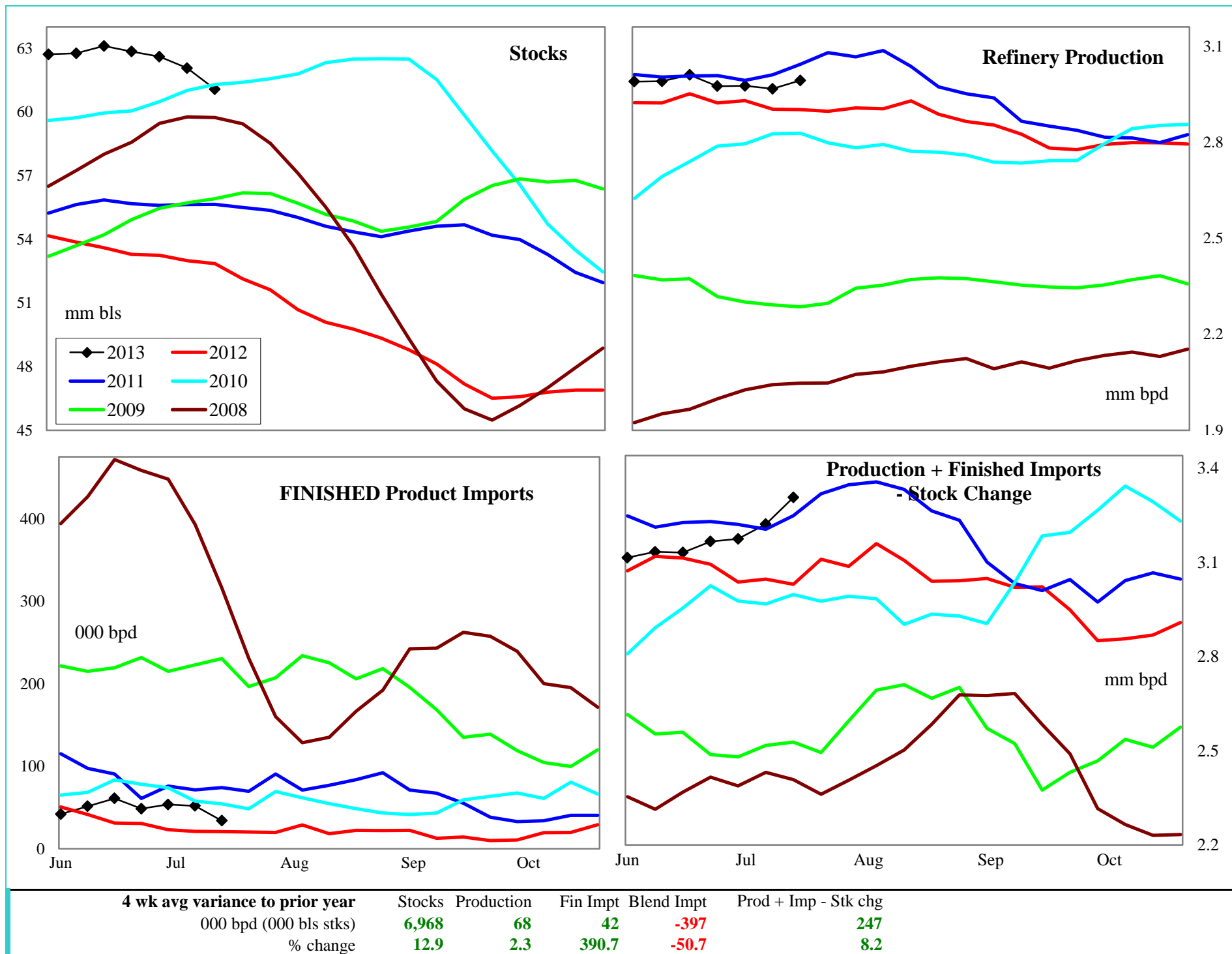
United States Residual Fuel Oil Supply and Demand Balance



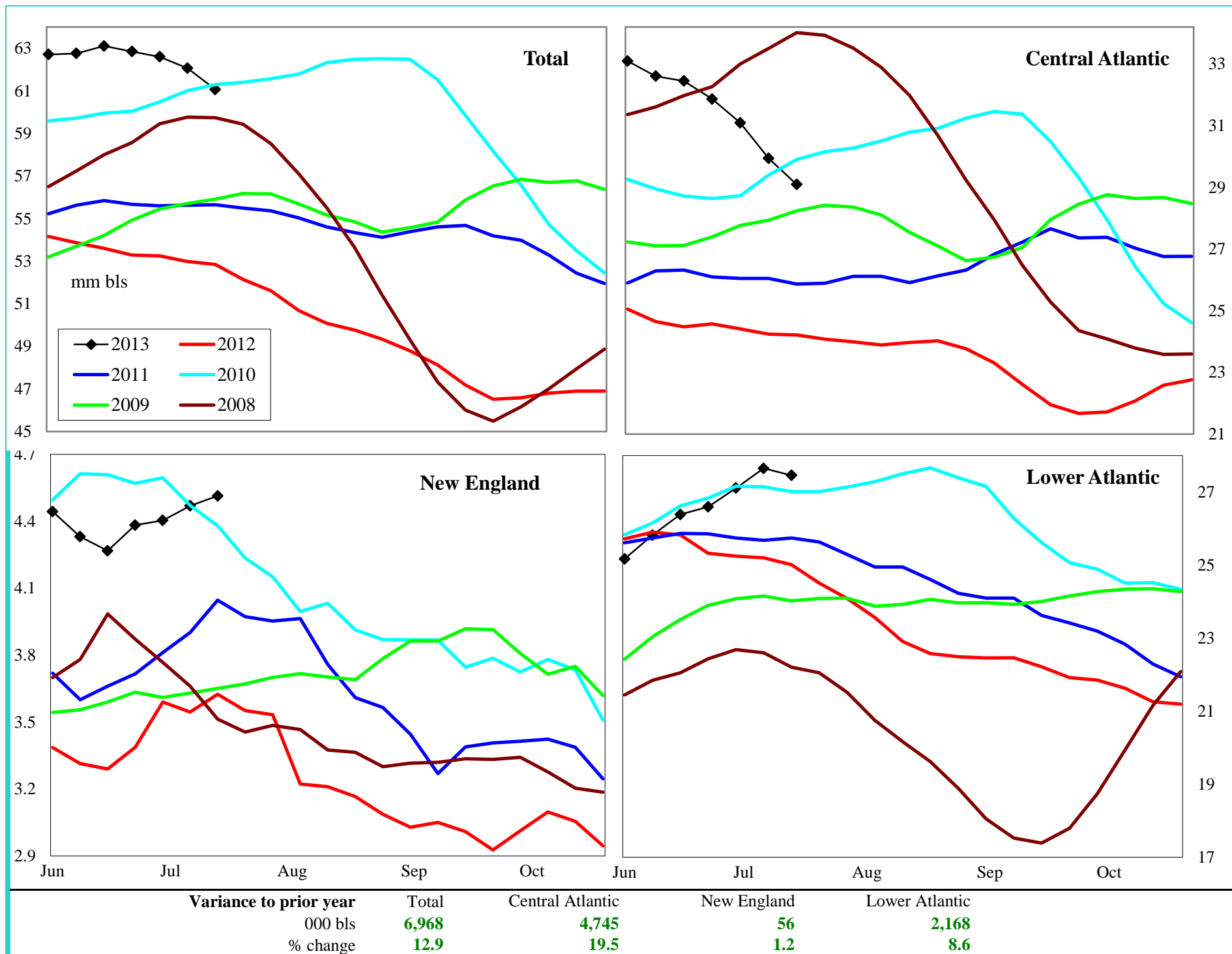
PADD 1 Crude Oil Supply and Refining



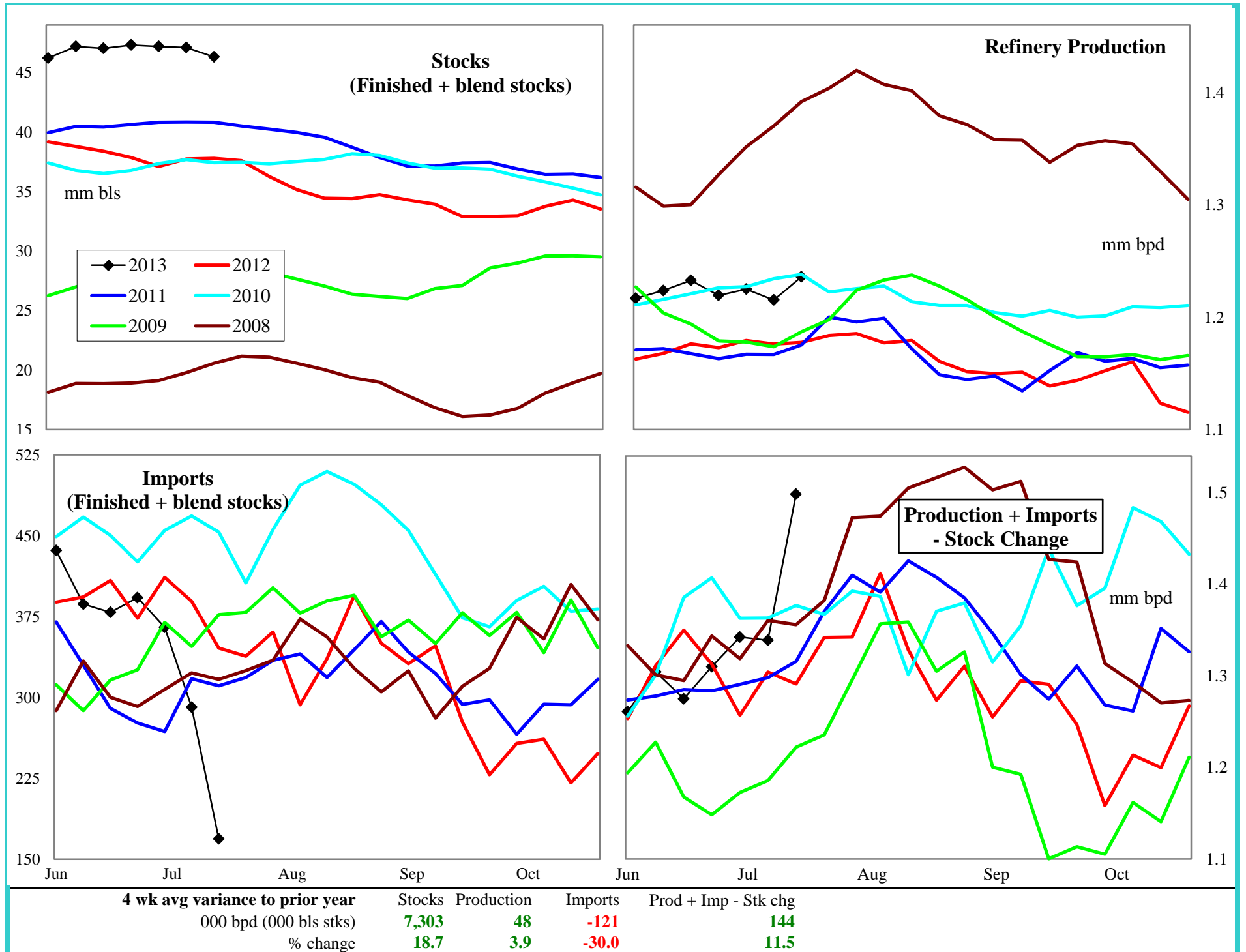
PADD 1 Gasoline Supply



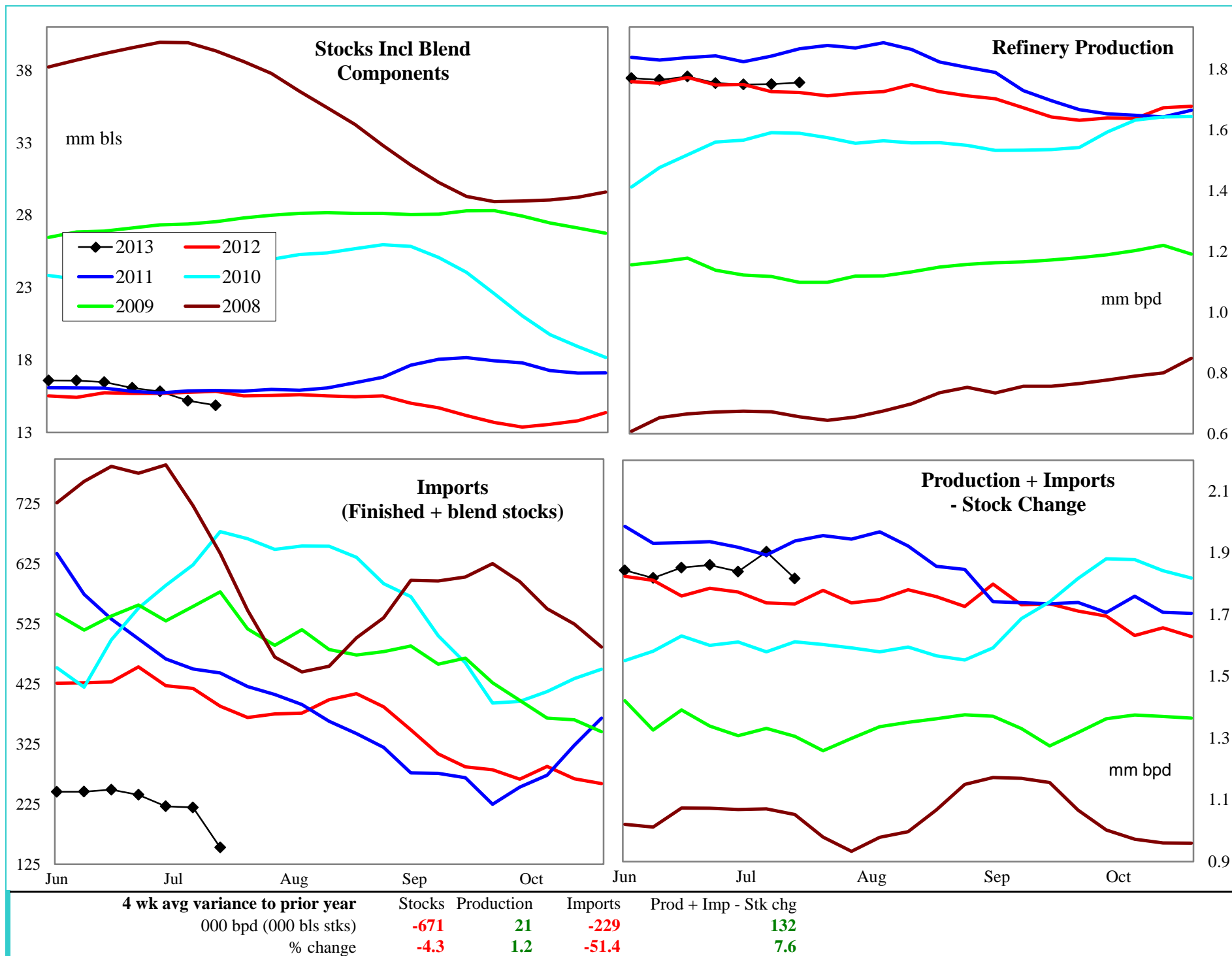
PADD 1 Gasoline Stocks by Region



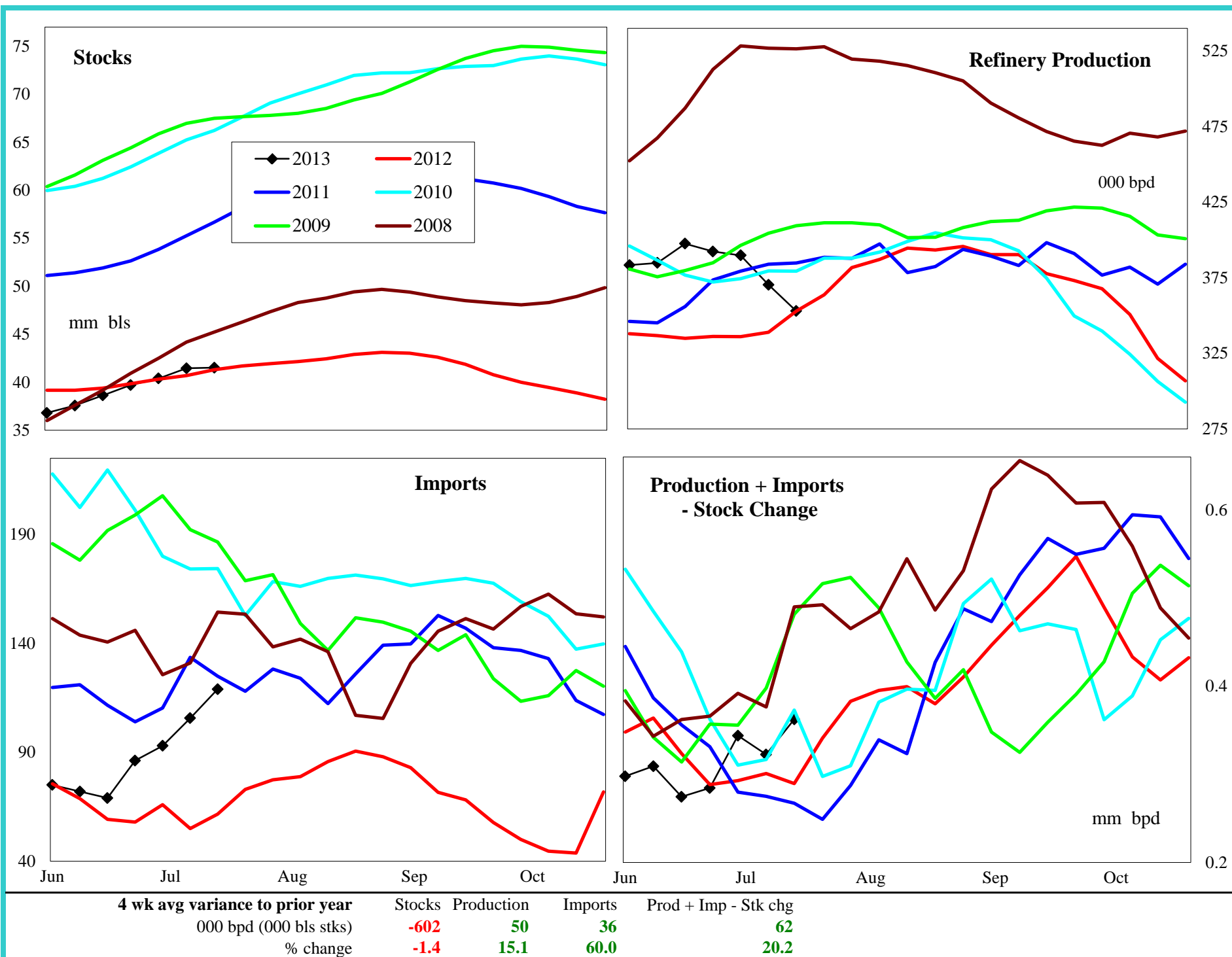
PADD 1 Reformulated Gasoline Supply



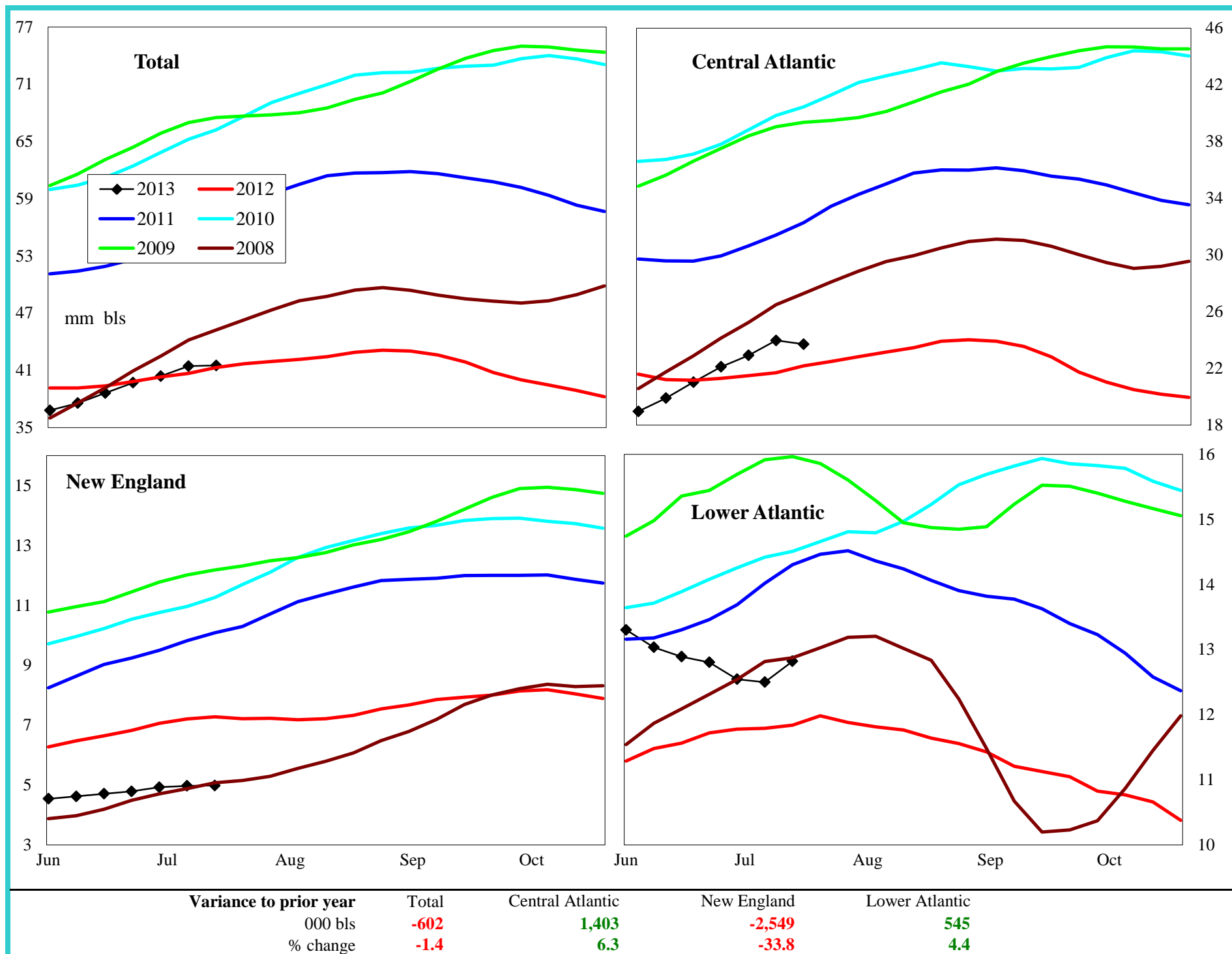
PADD 1 Conventional Gasoline Supply



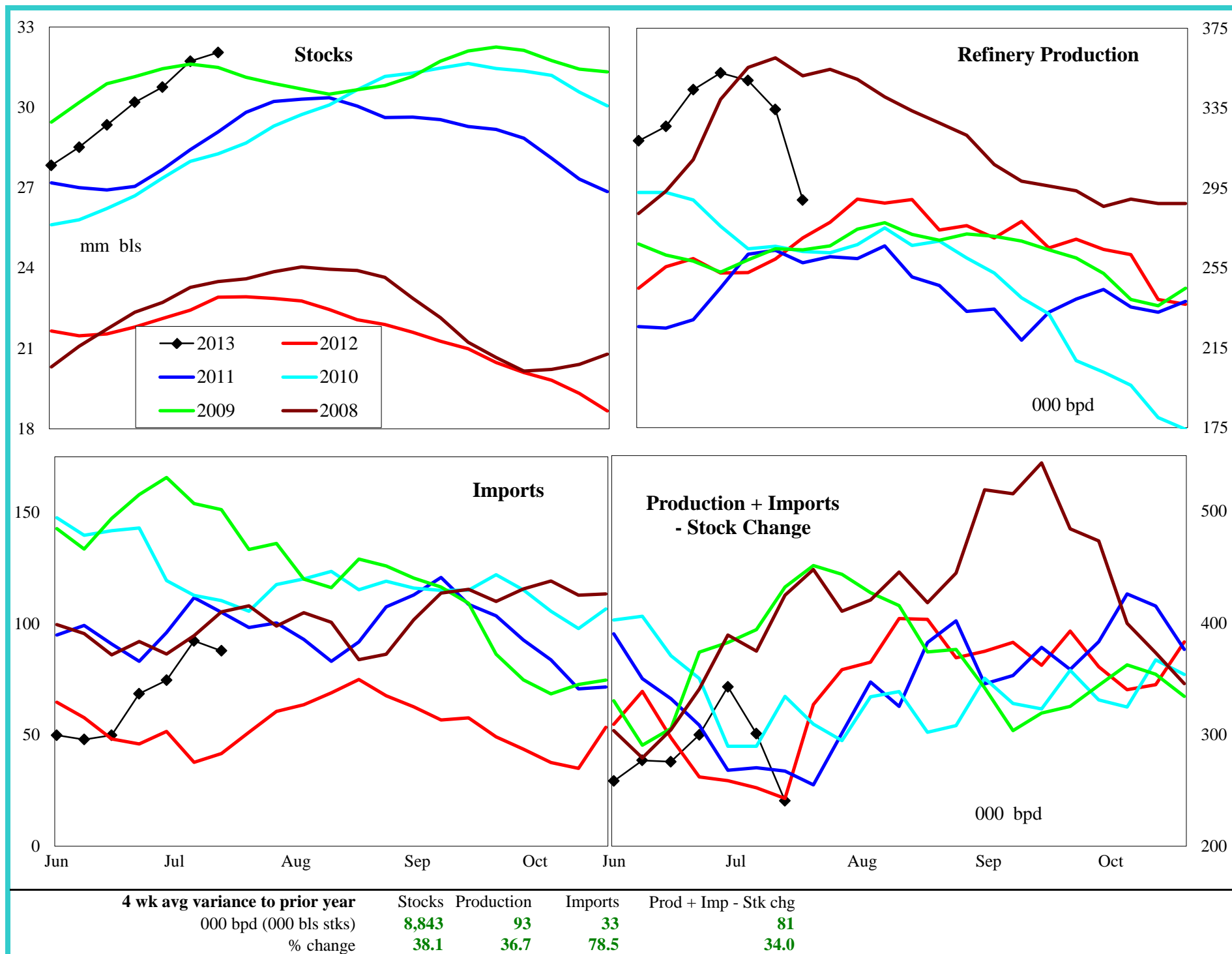
PADD 1 Distillate Supply



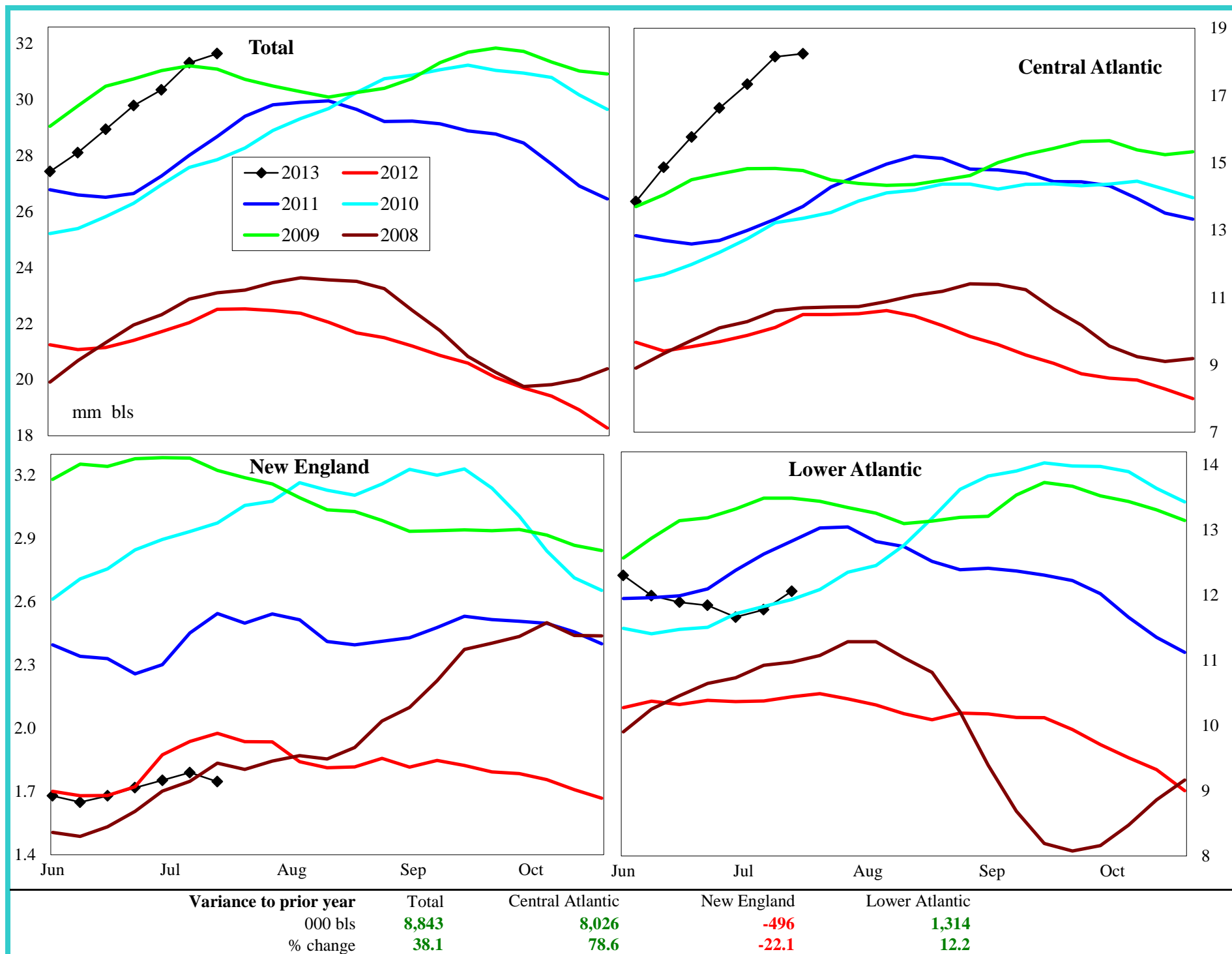
PADD 1 Distillate Stocks by Region



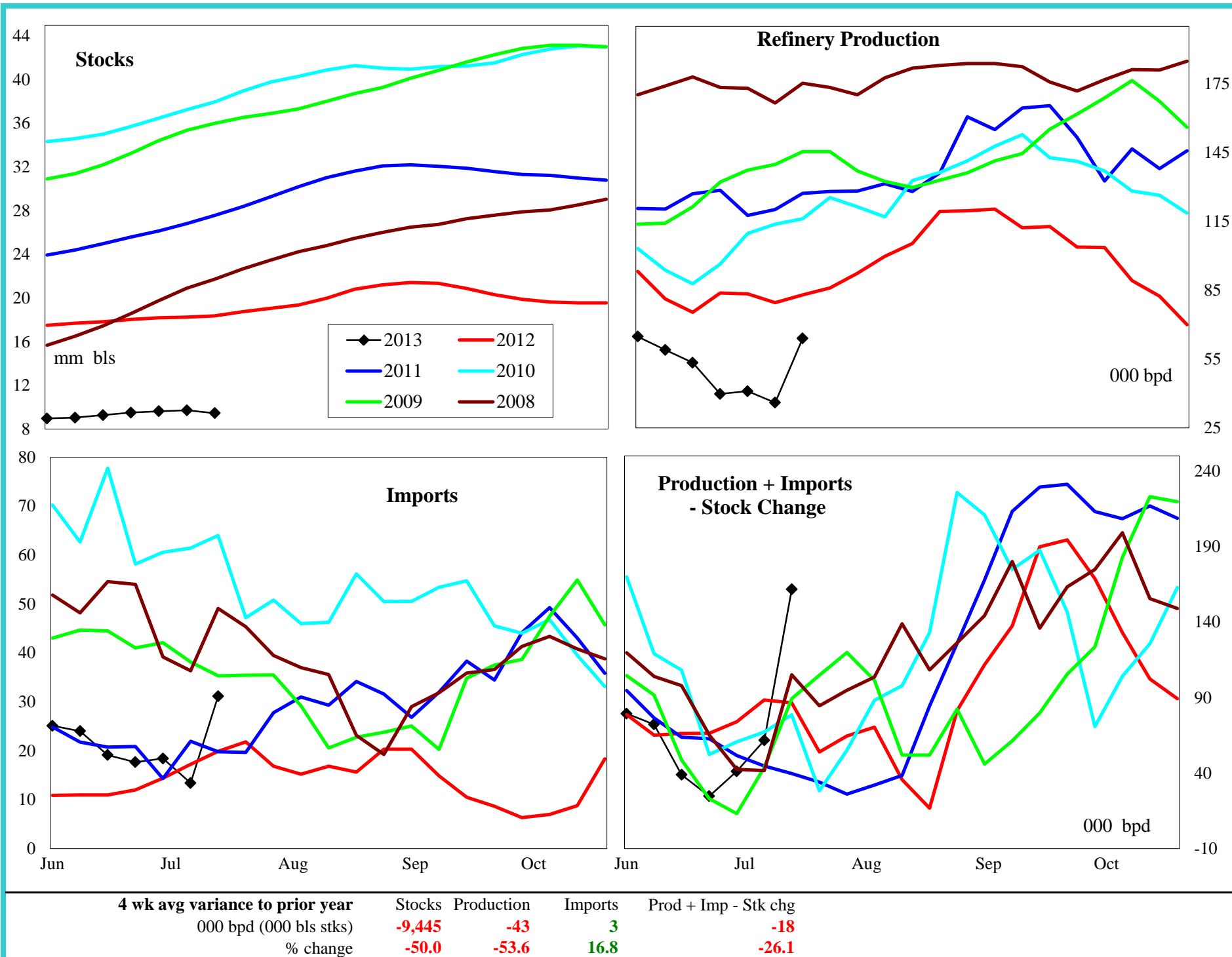
PADD 1 Low Sulfur Distillate Supply



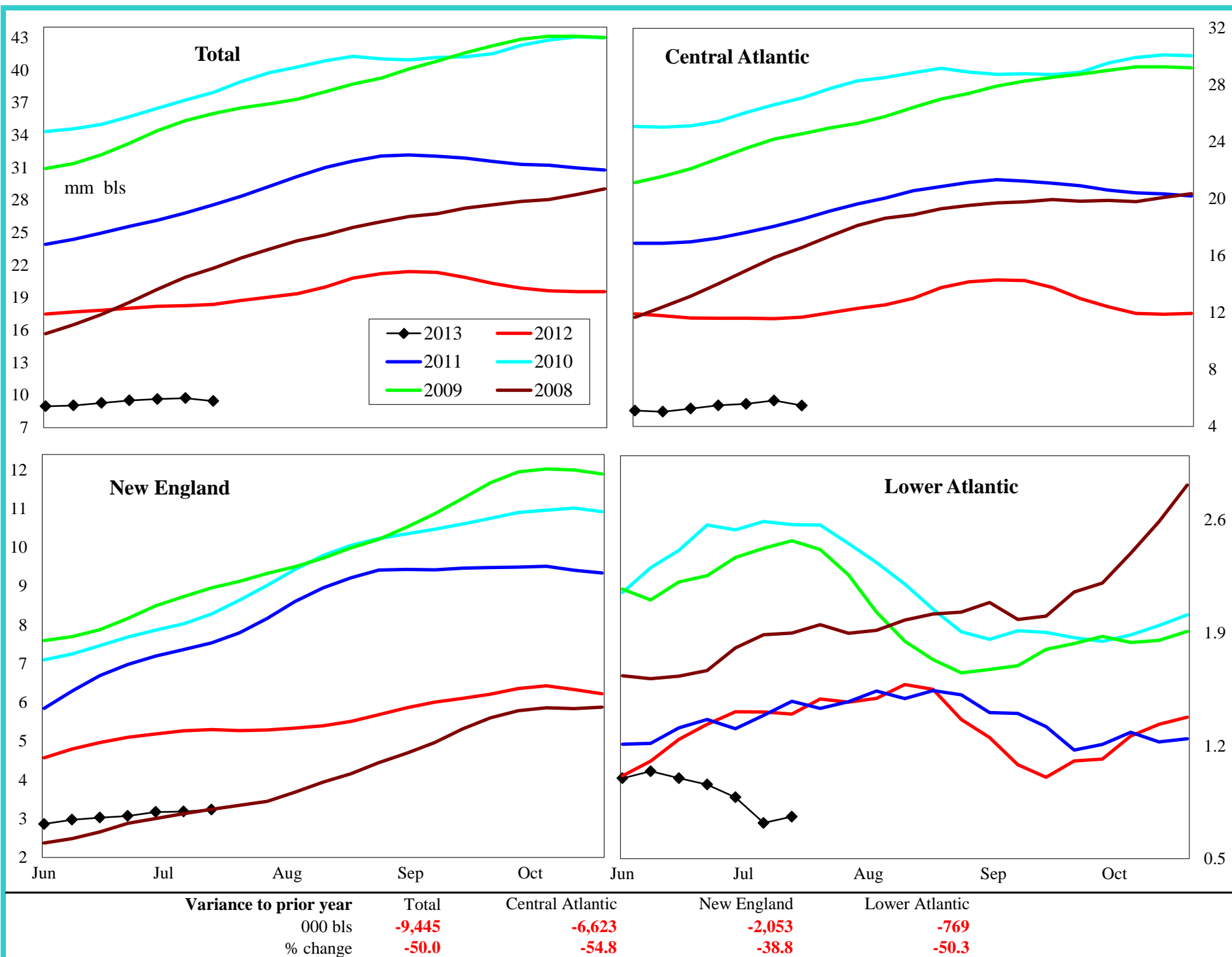
PADD 1 Low Sulfur Distillate Stocks by Region



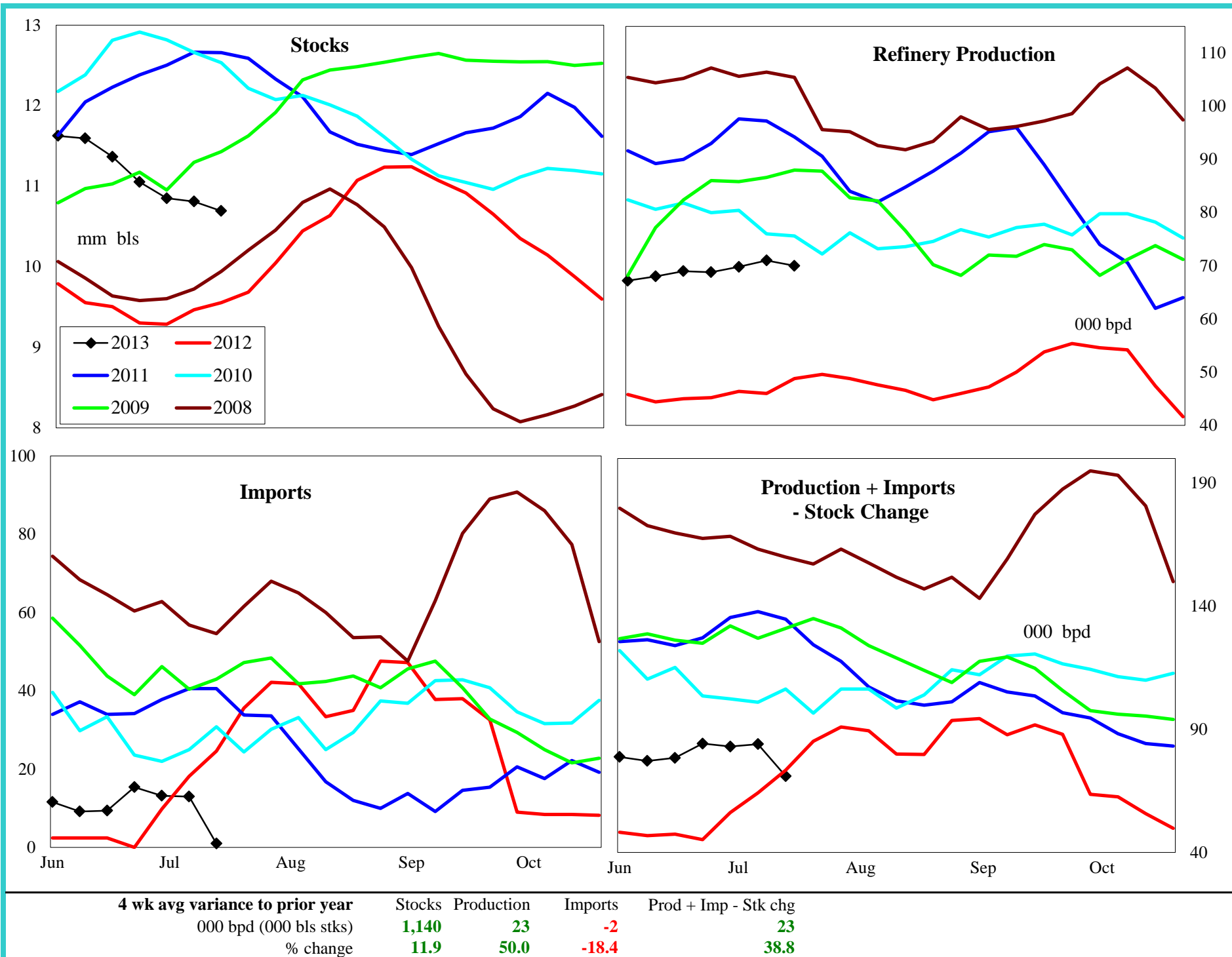
PADD 1 High Sulfur Distillate Supply



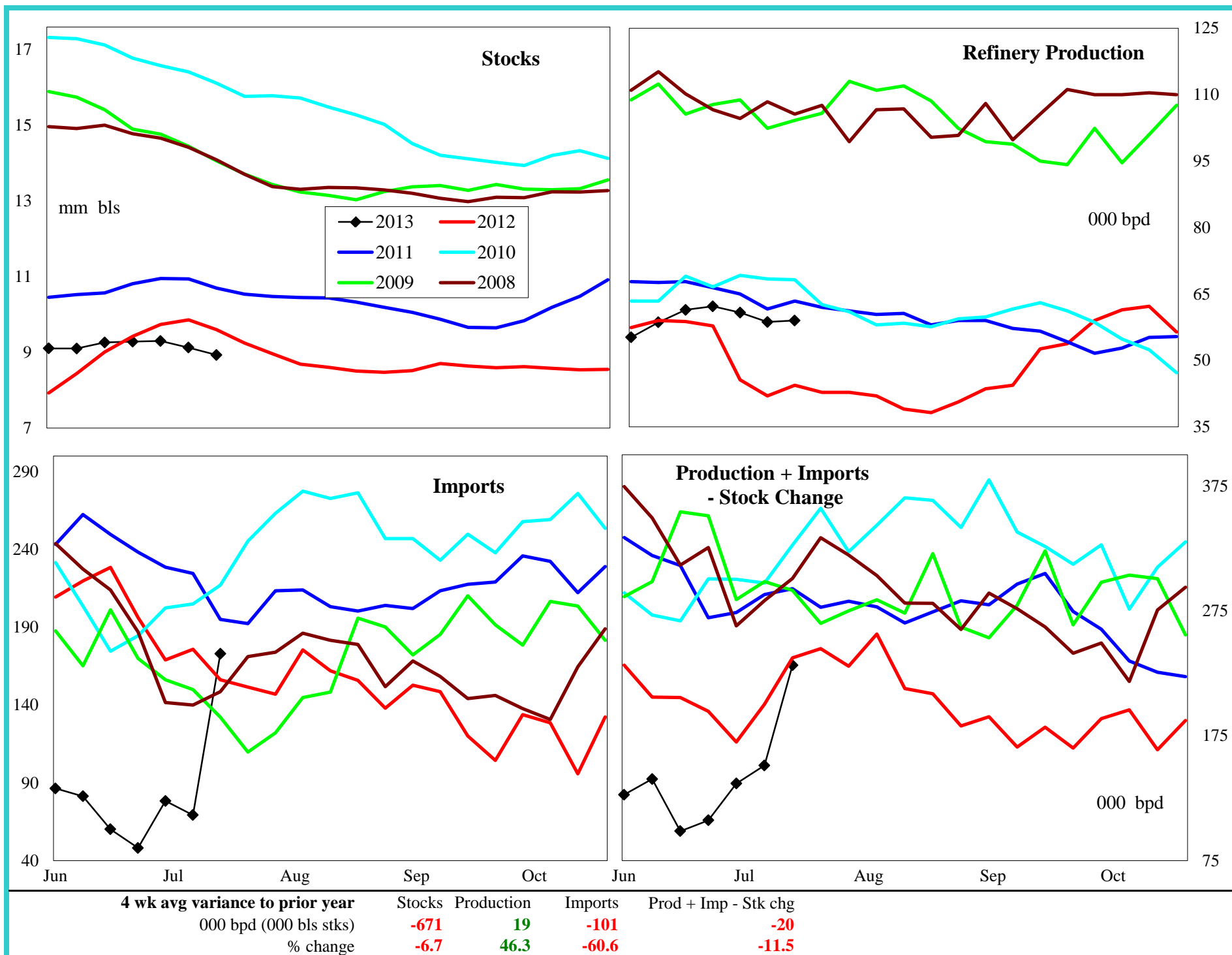
PADD 1 High Sulfur Distillate Stocks by Region



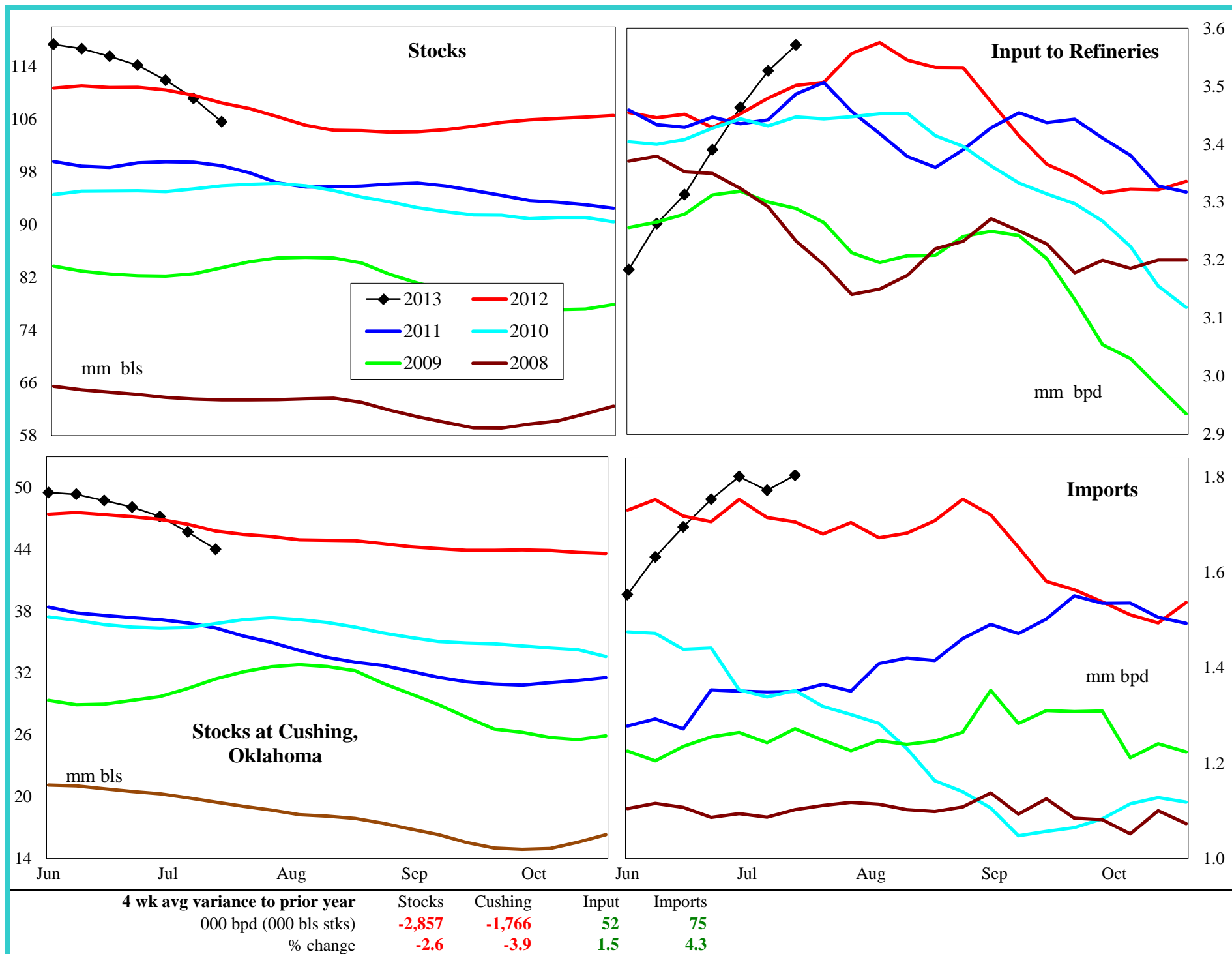
PADD 1 Jet Fuel Supply



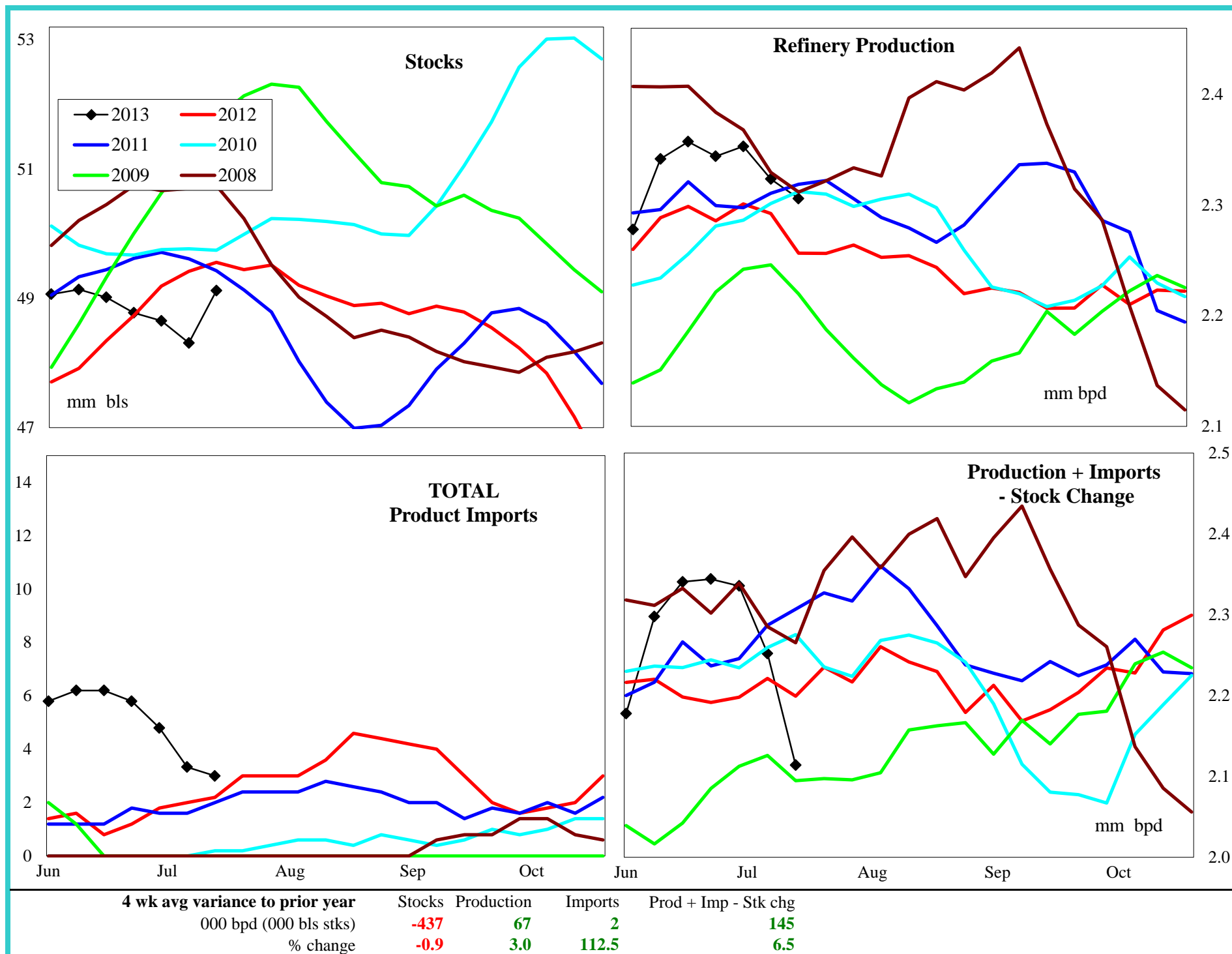
PADD 1 Residual Fuel Oil Supply



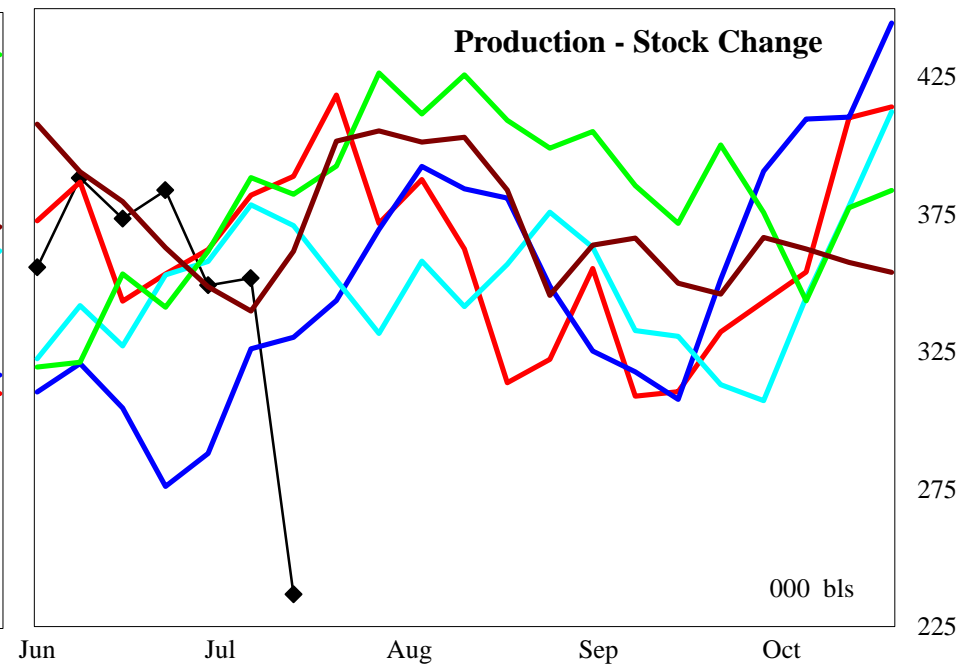
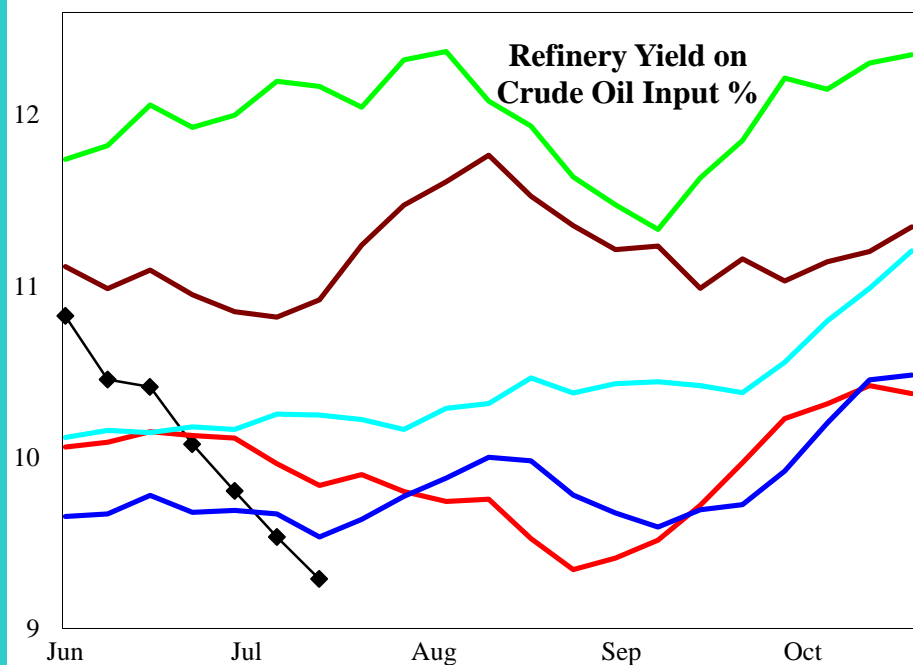
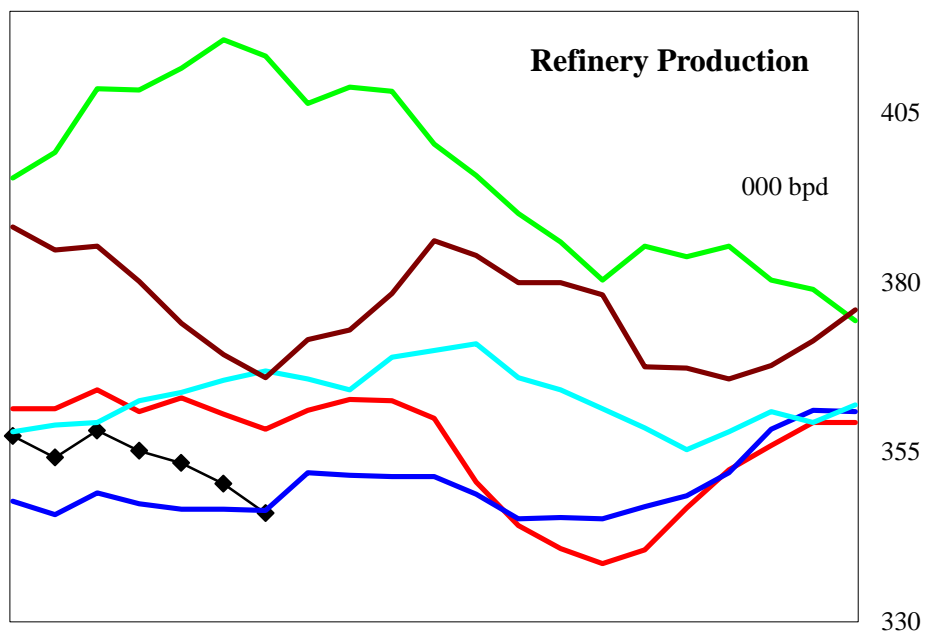
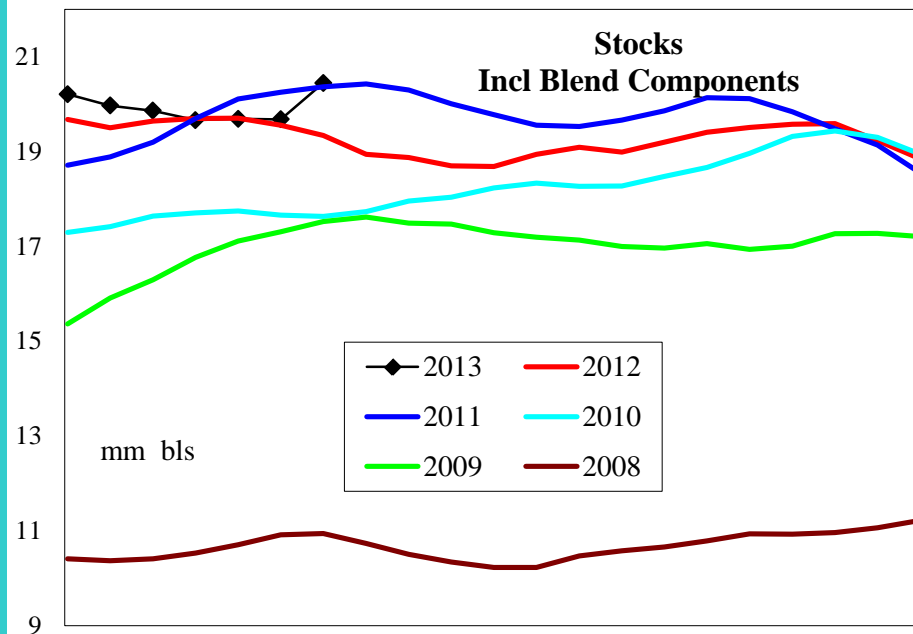
PADD 2 Crude Oil Supply and Refining



PADD 2 Gasoline Supply



PADD 2 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,104

5.7

Production

-10

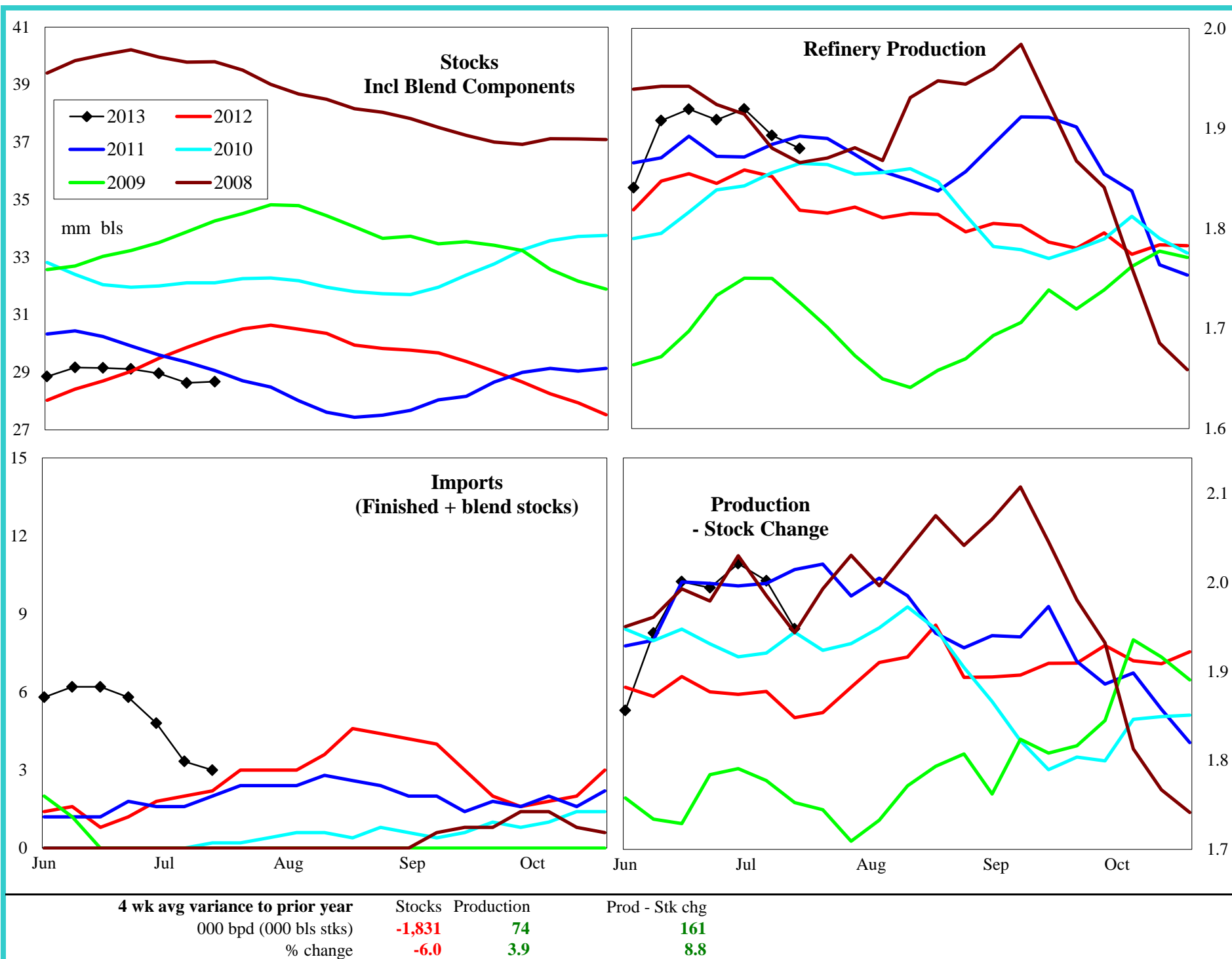
-2.6

Prod - Stk chg

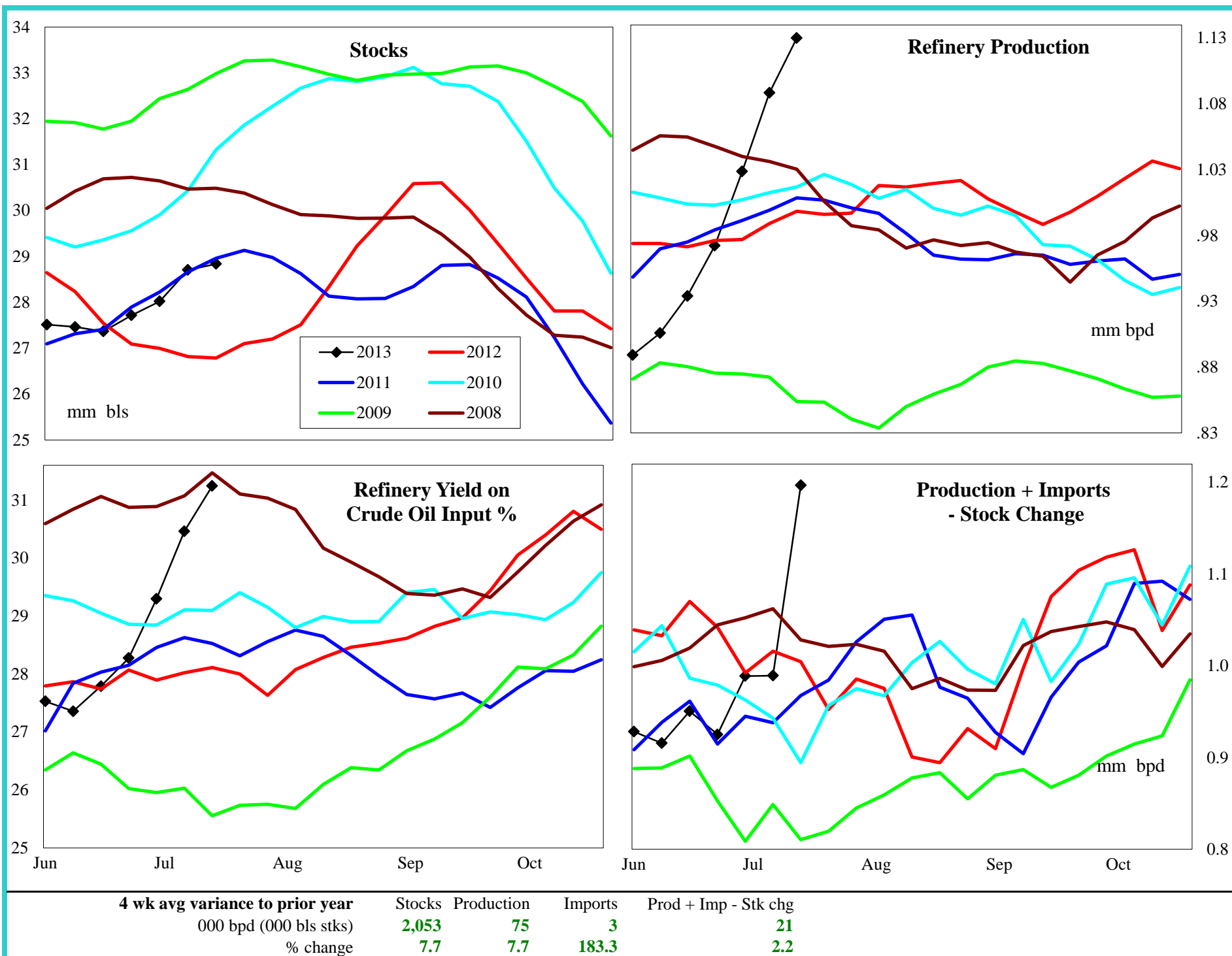
-41

-11.1

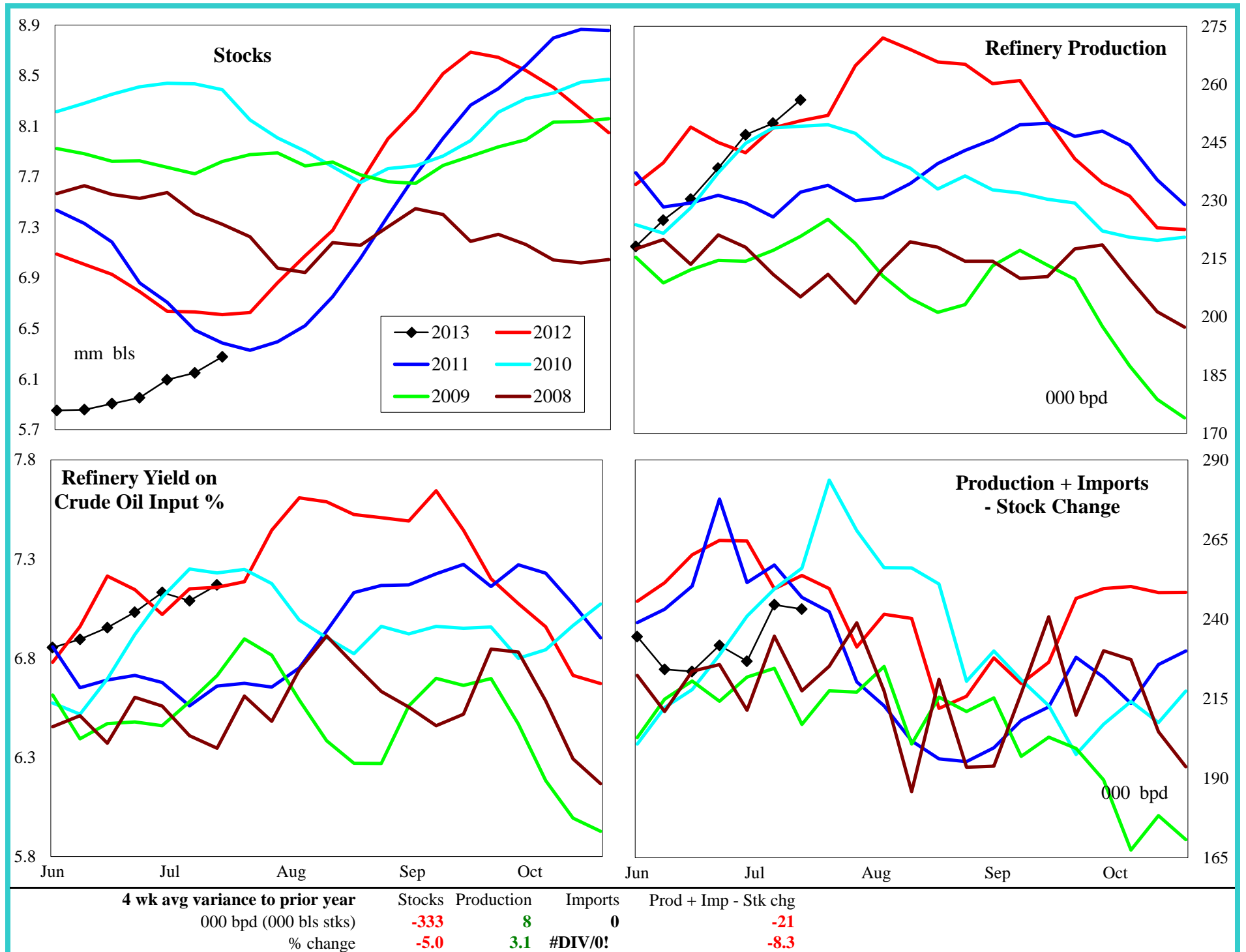
PADD 2 Conventional Gasoline Supply



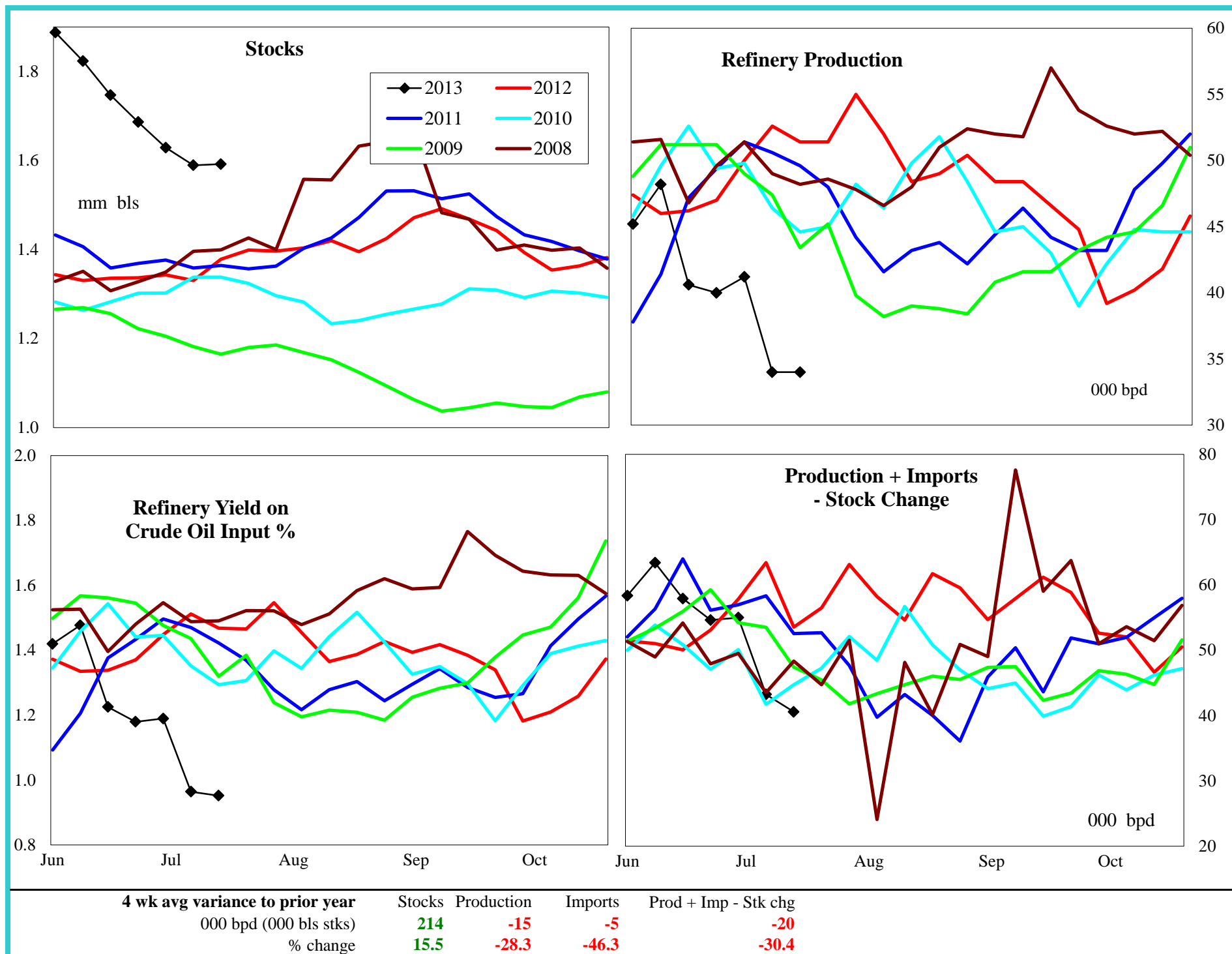
PADD 2 Distillate Supply



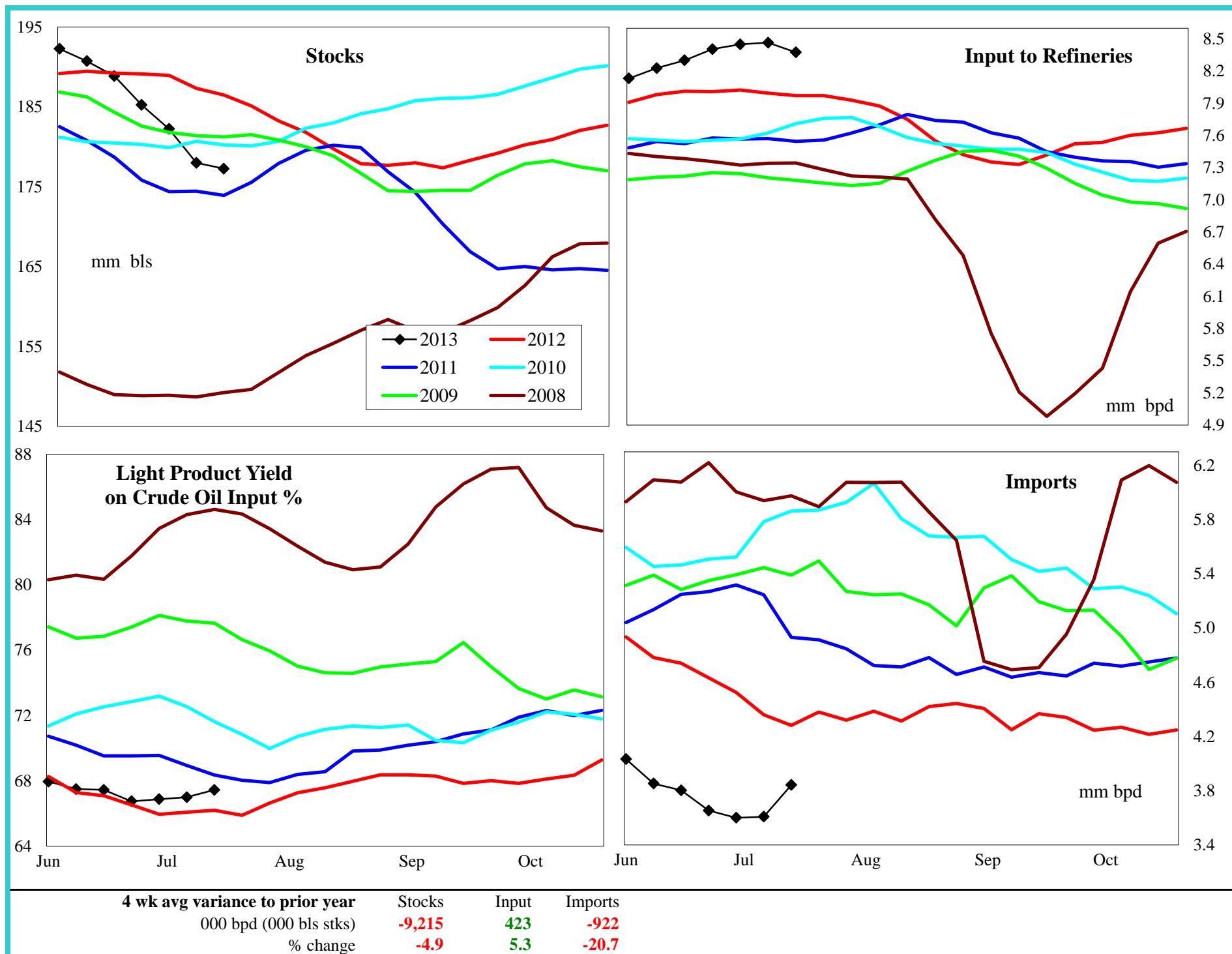
PADD 2 Jet Fuel Supply



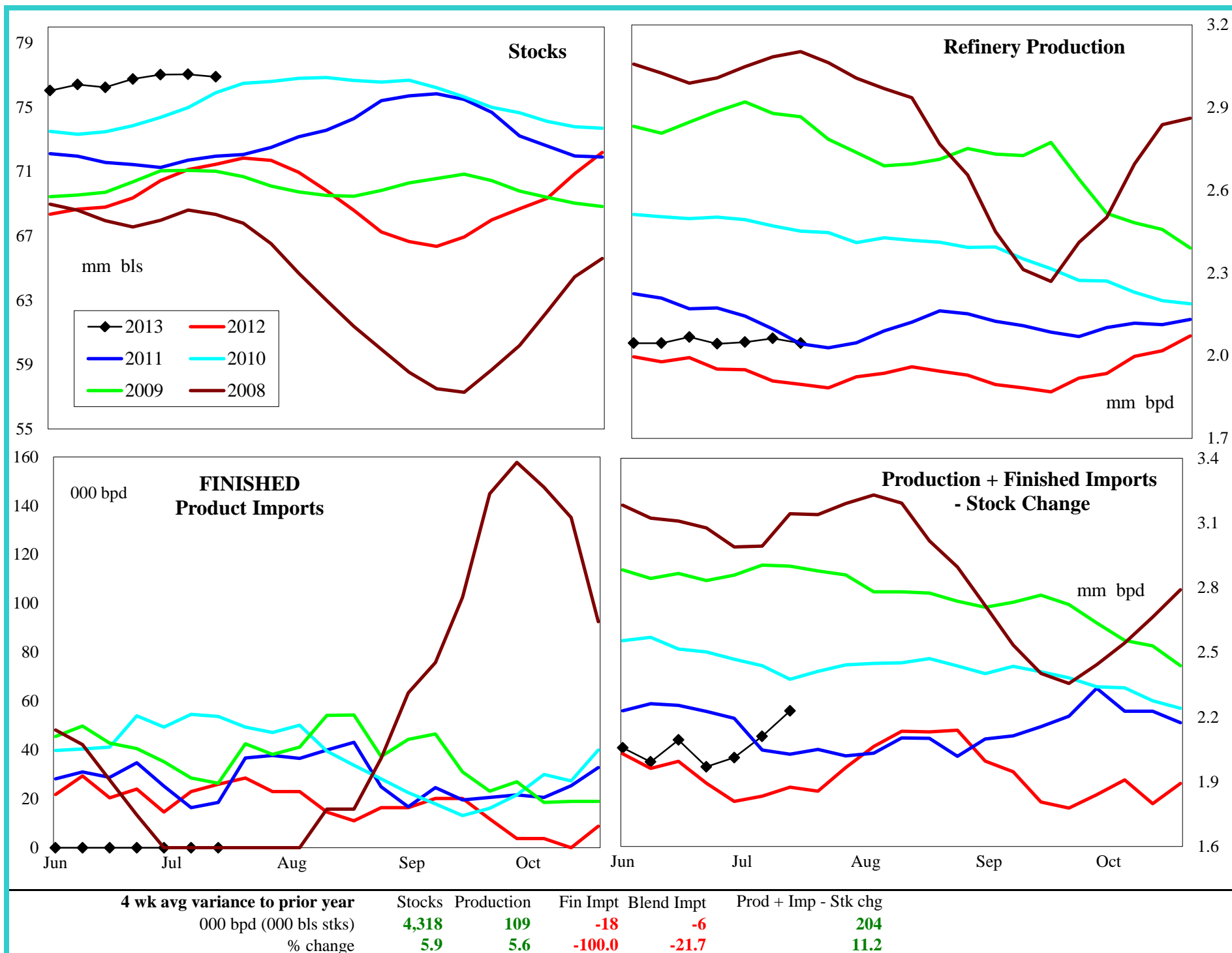
PADD 2 Residual Fuel Oil Supply



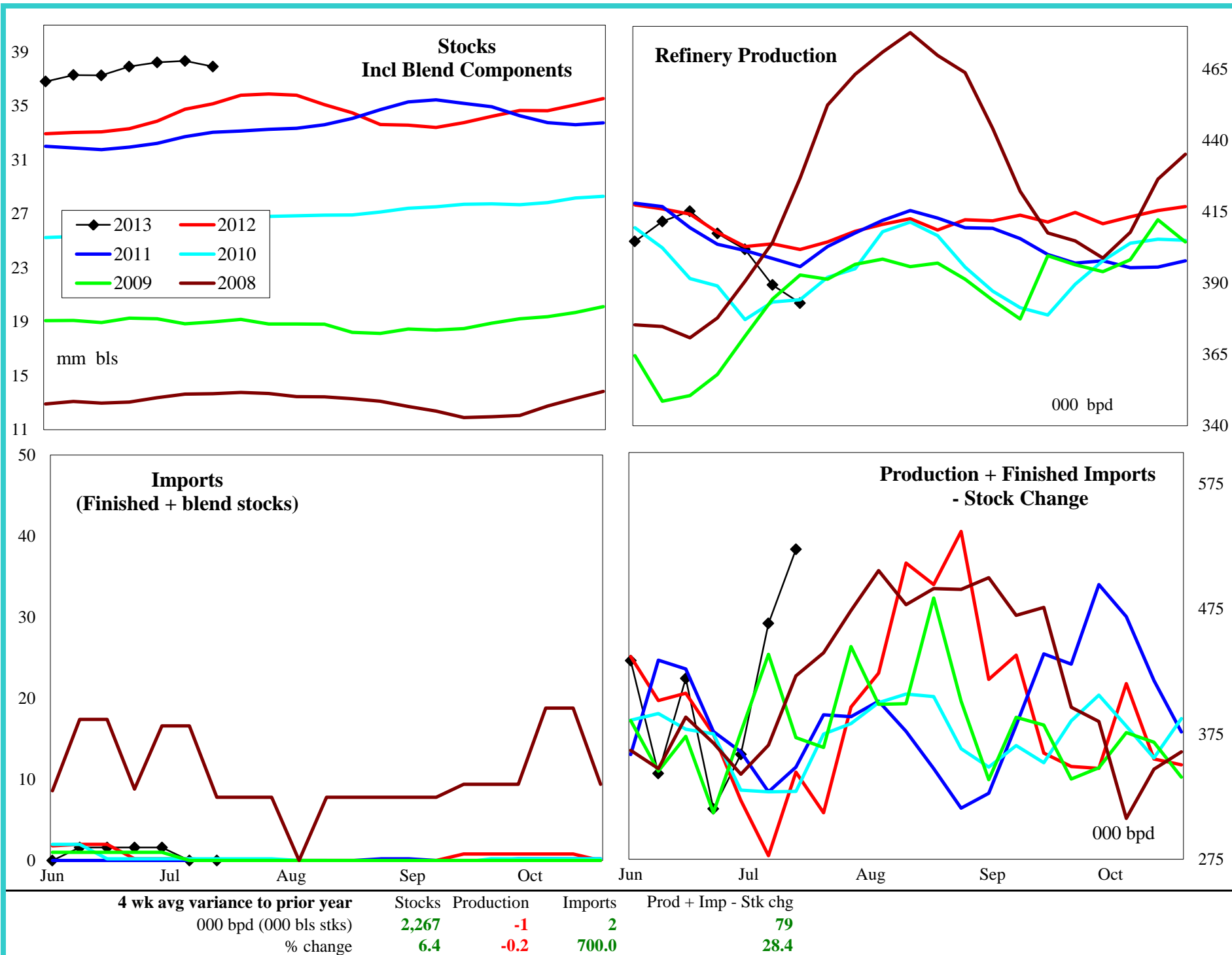
PADD 3 Crude Oil Supply and Refining



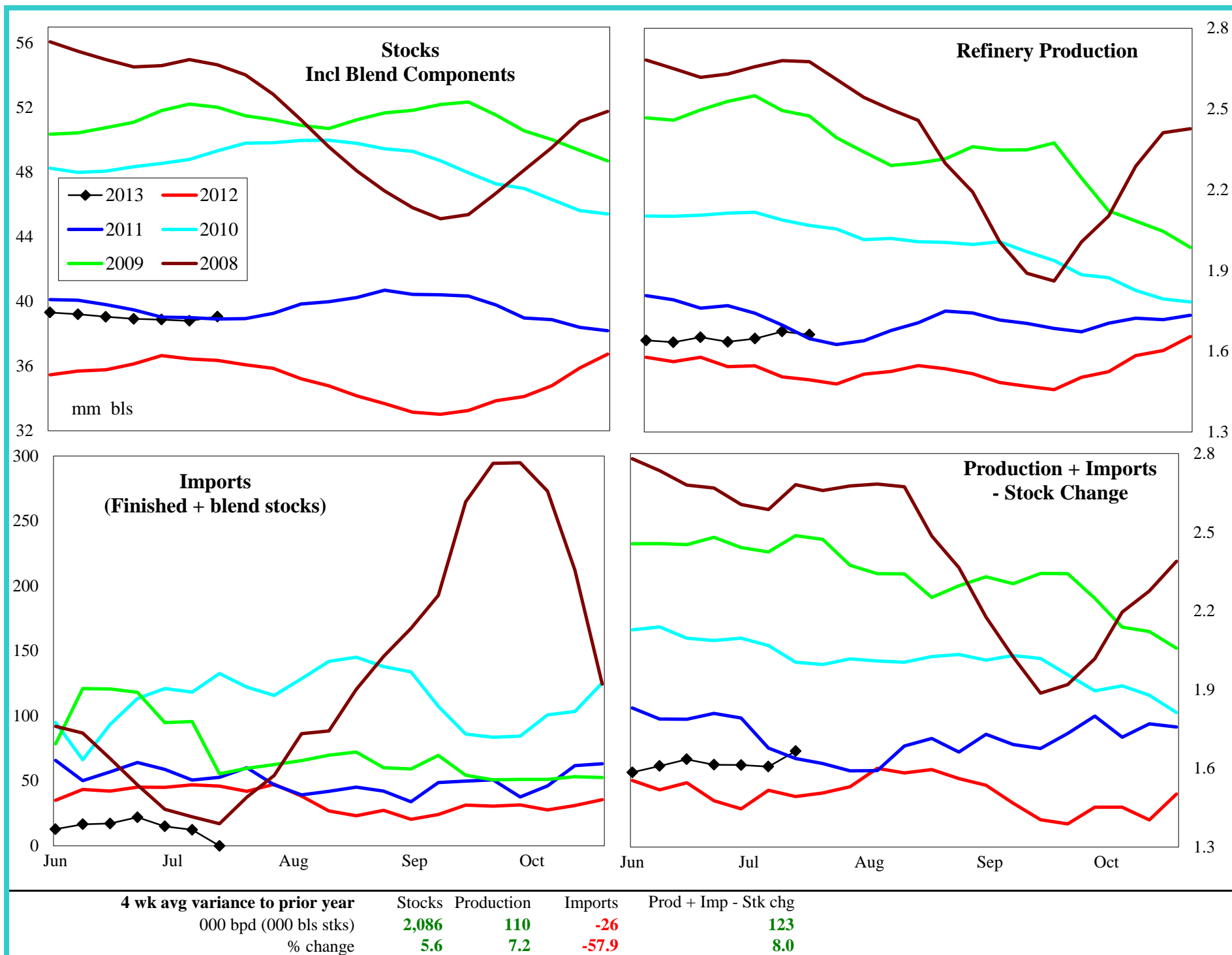
PADD 3 Gasoline Supply



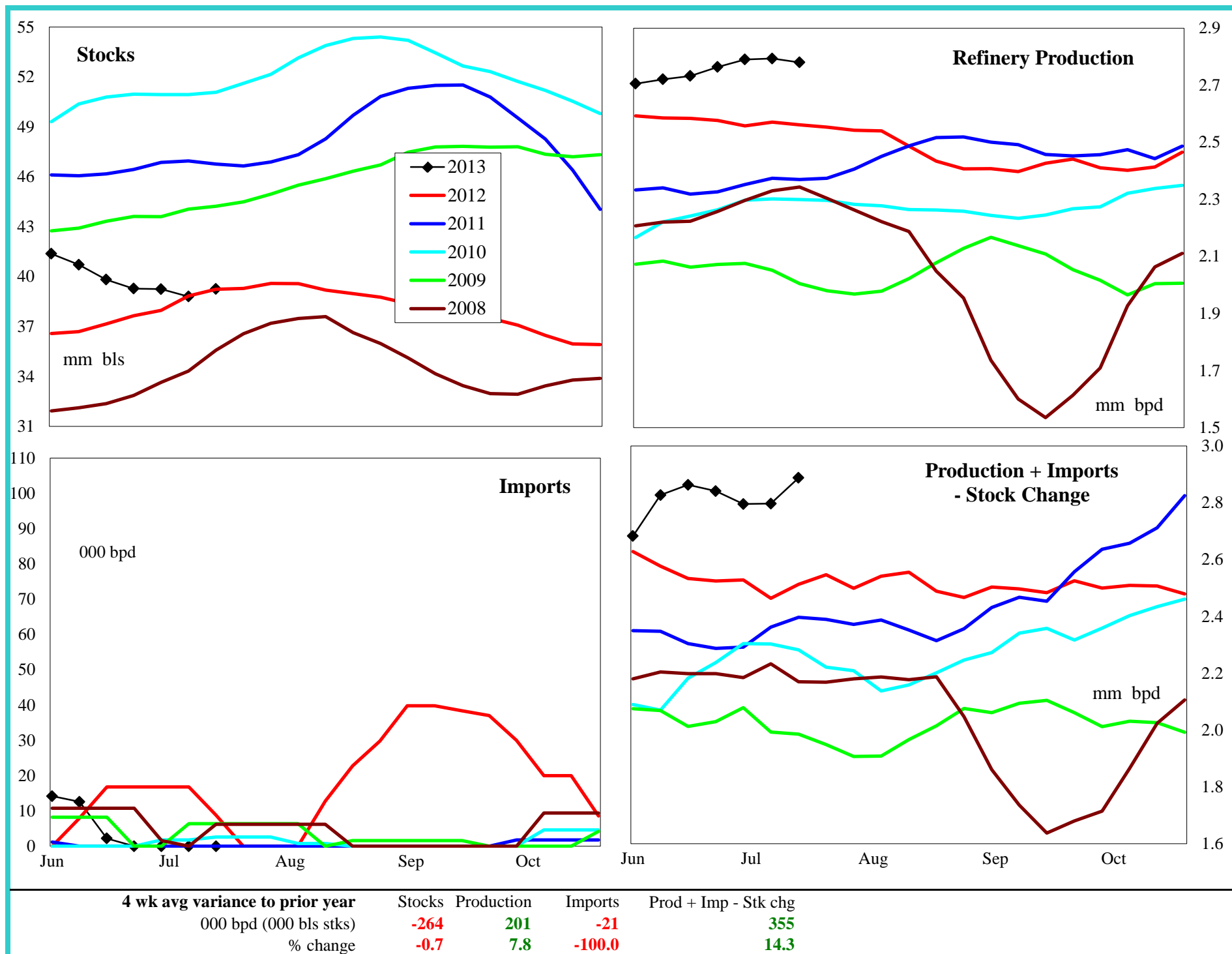
PADD 3 Reformulated Gasoline Supply



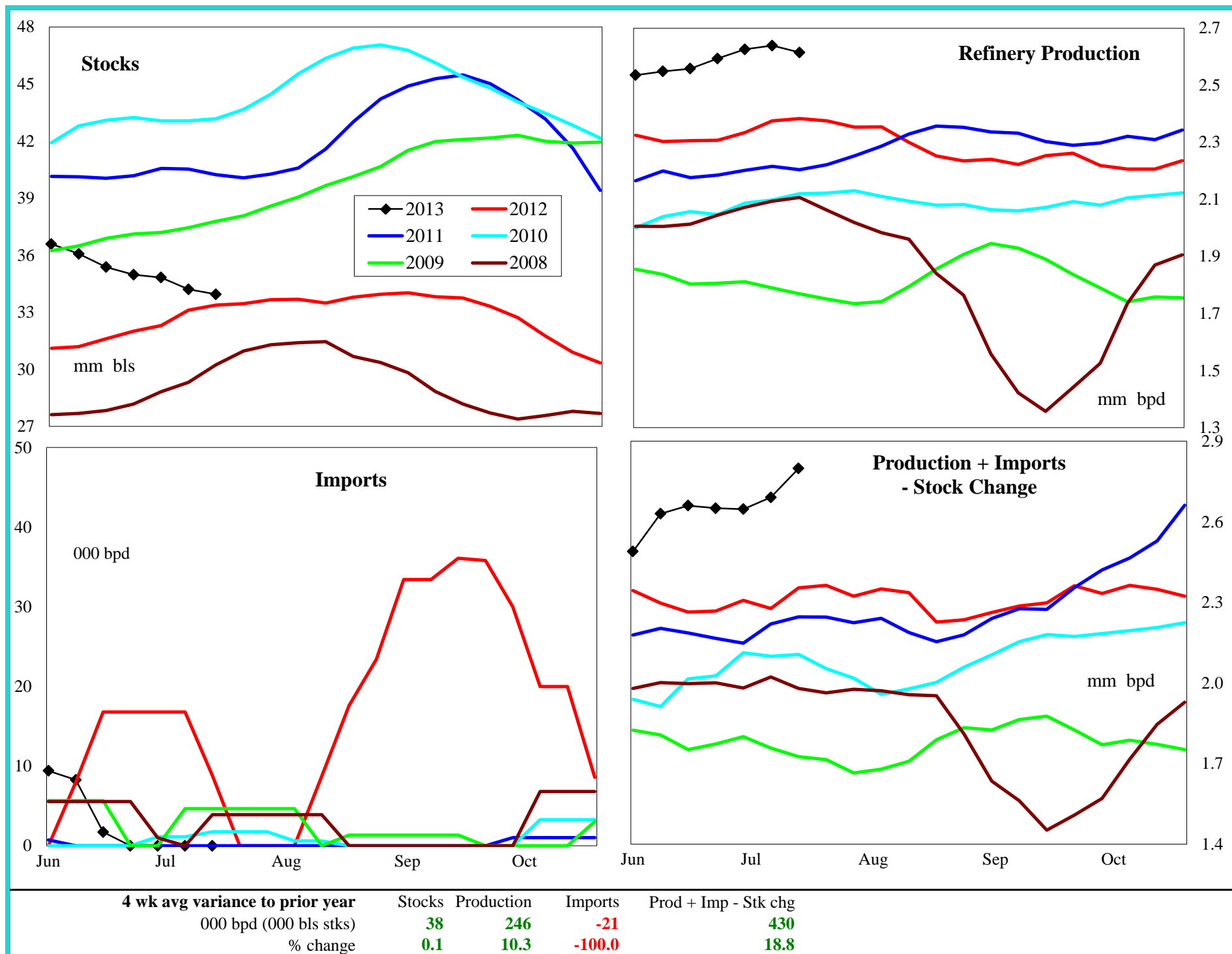
PADD 3 Conventional Gasoline Supply



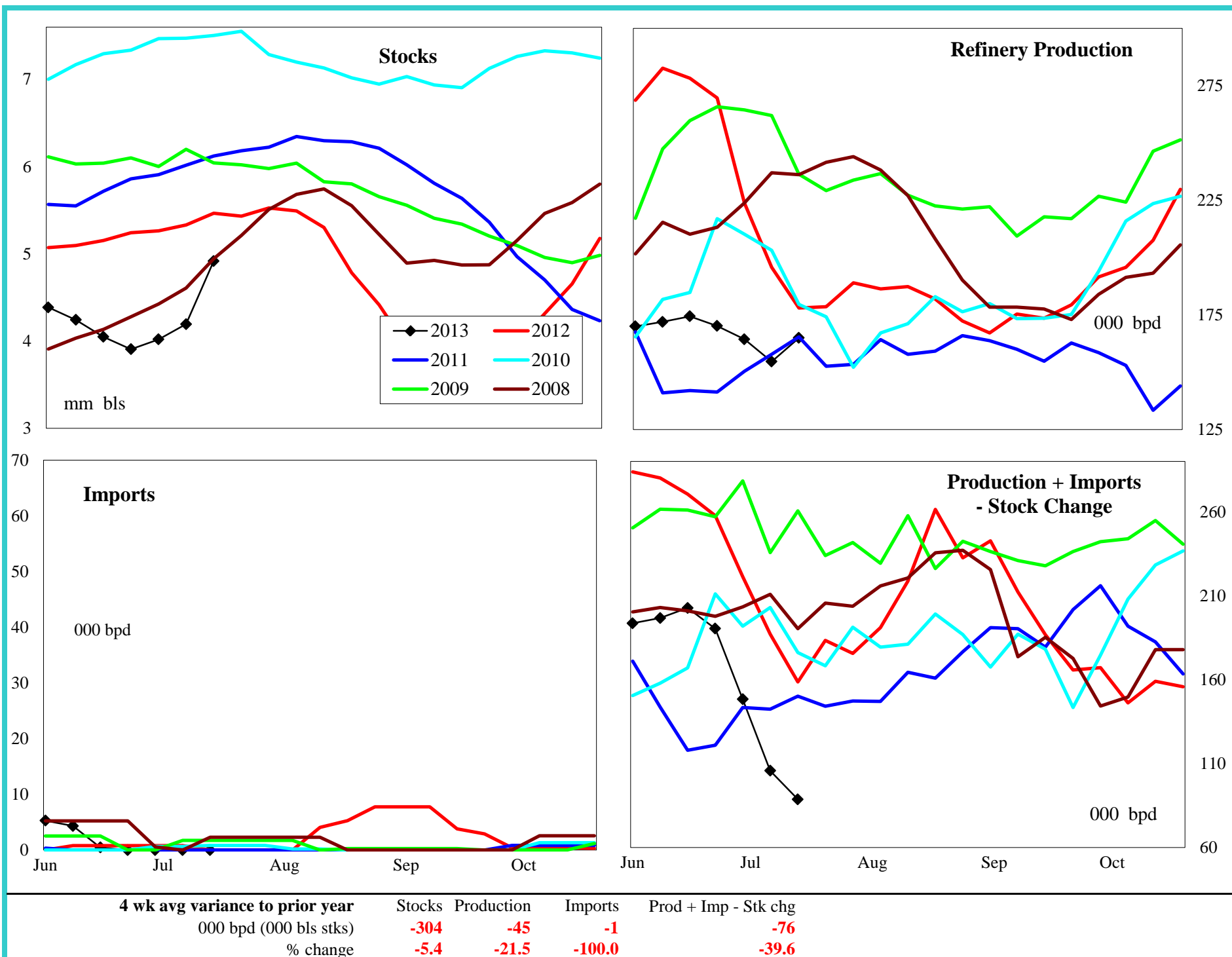
PADD 3 Distillate Supply



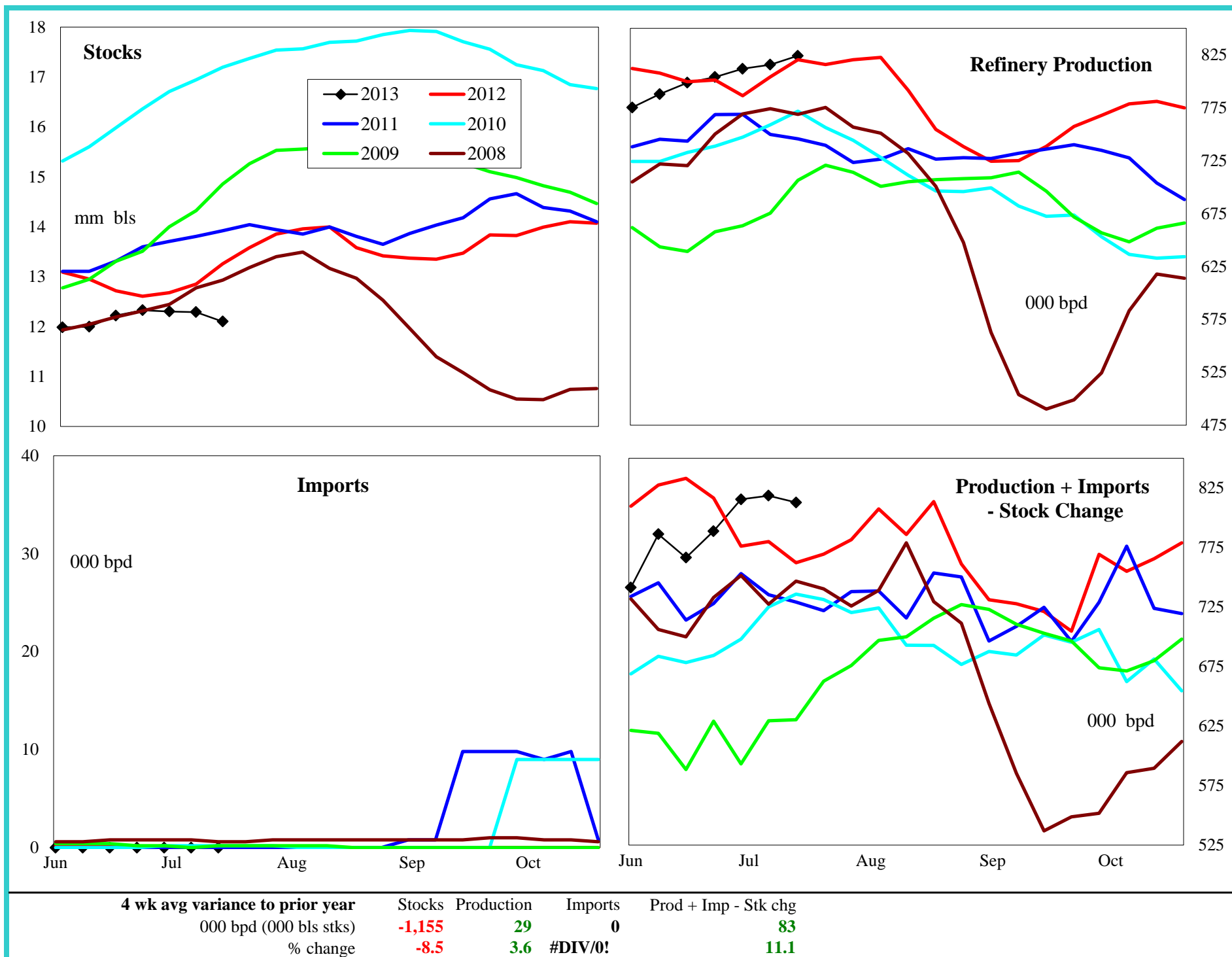
PADD 3 Low Sulfur Distillate Supply



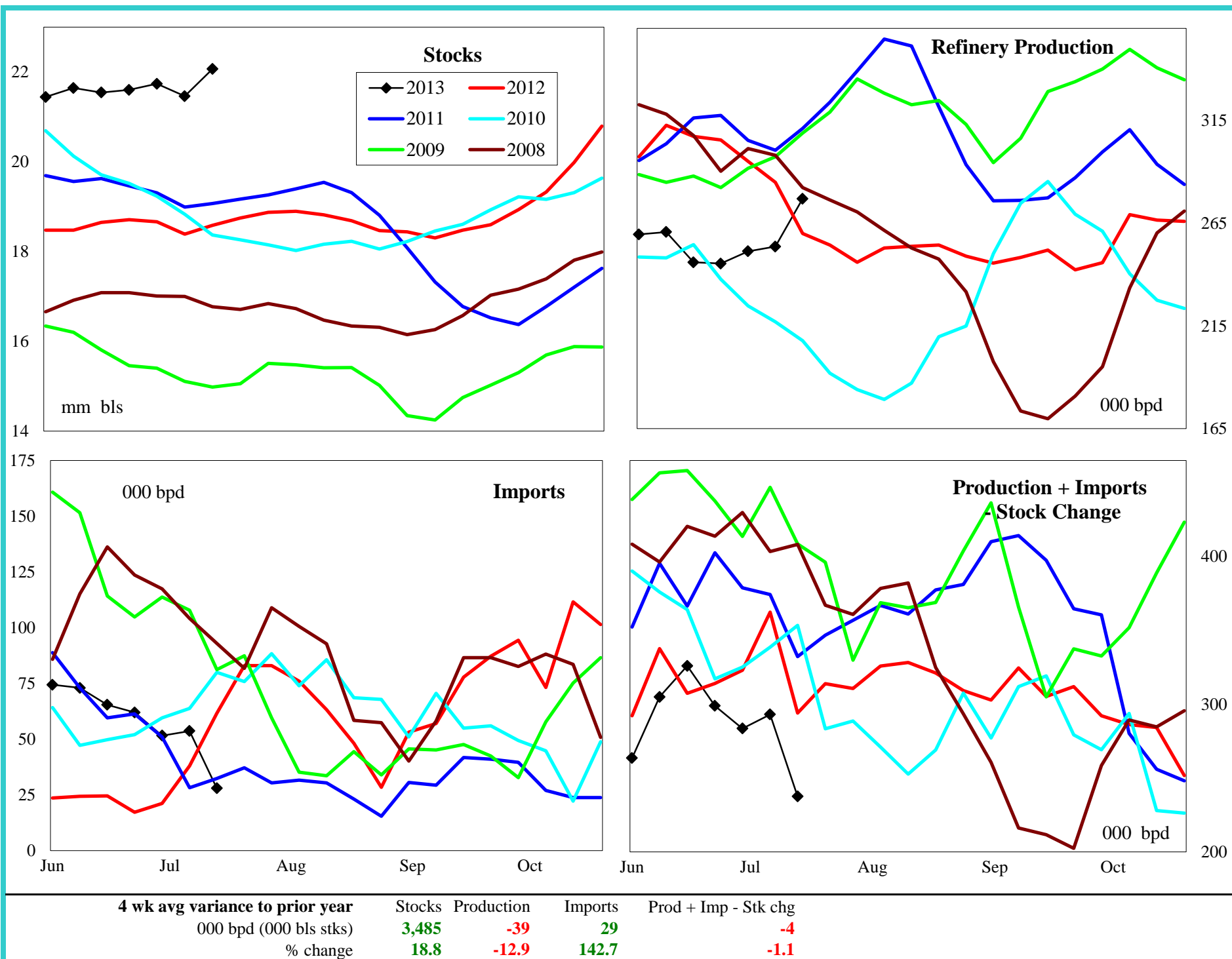
PADD 3 High Sulfur Distillate Supply



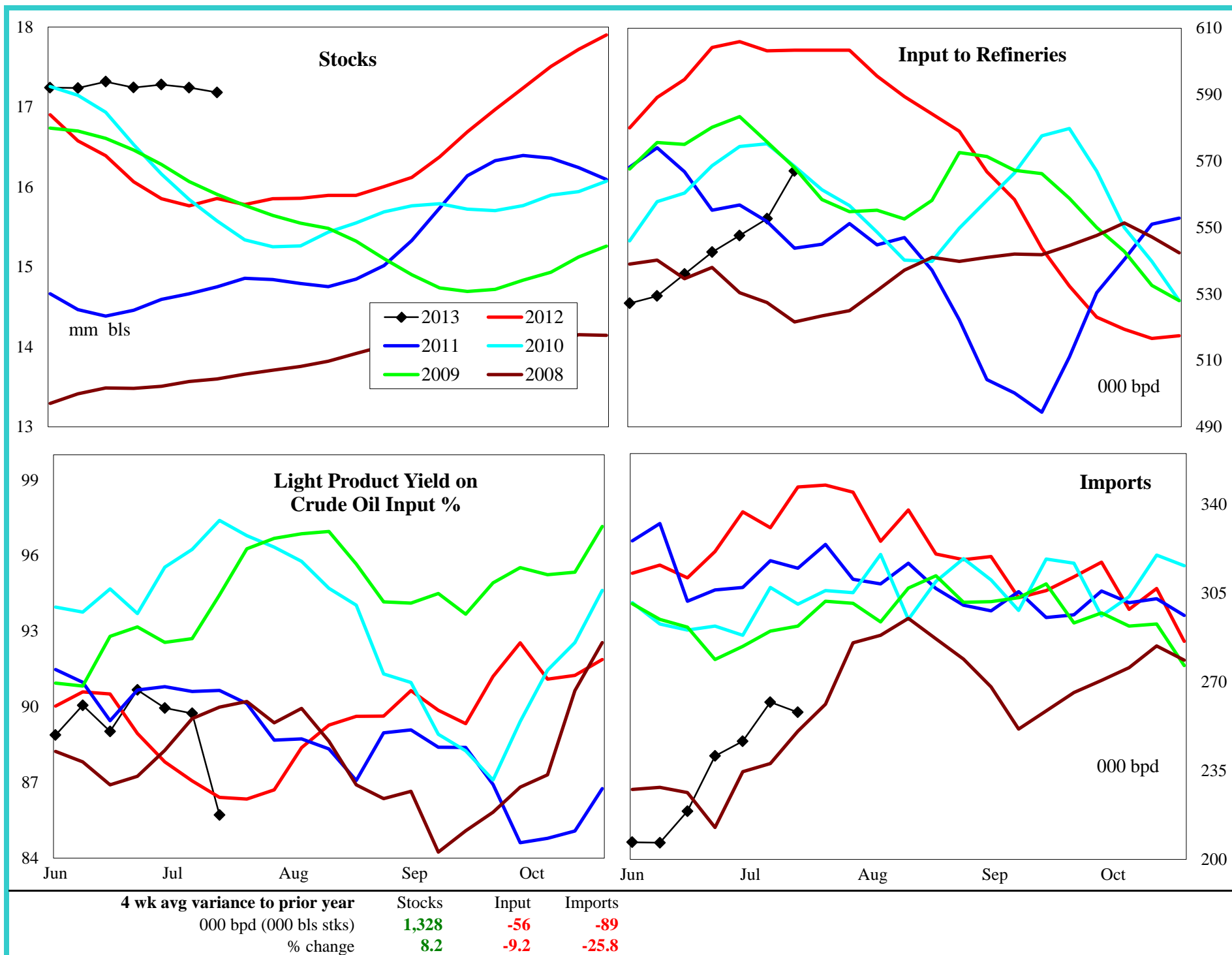
PADD 3 Jet Fuel Supply



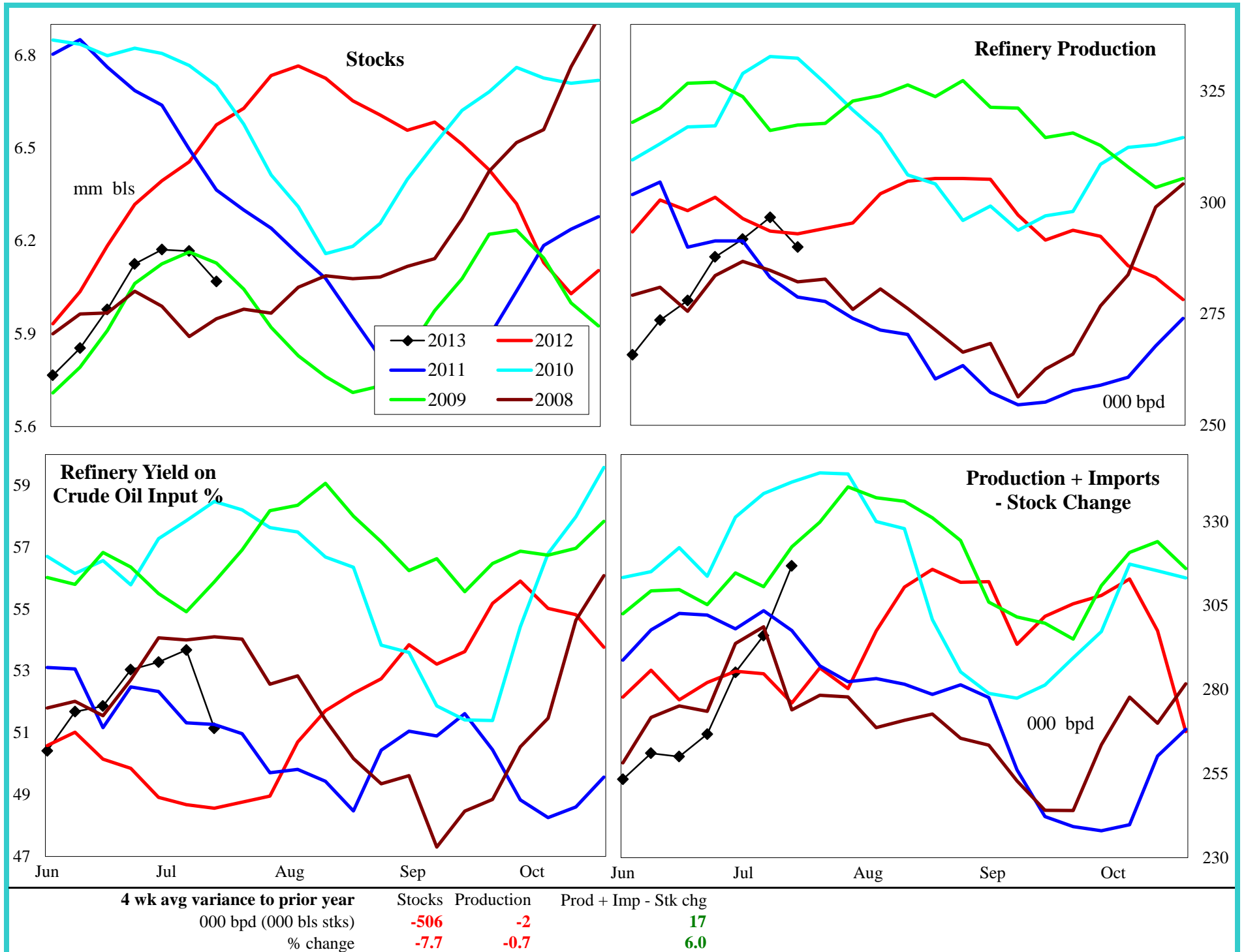
PADD 3 Residual Fuel Oil Supply



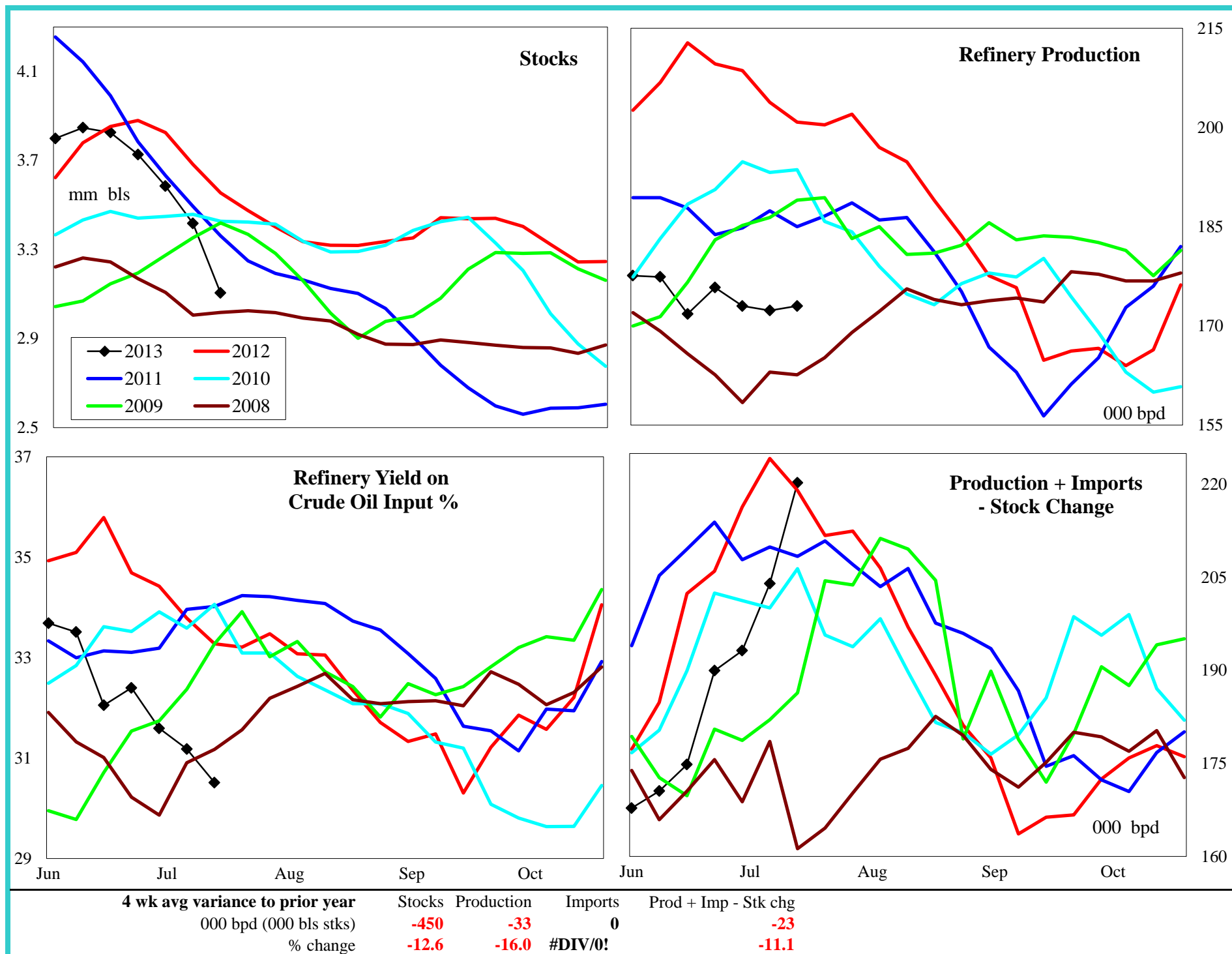
PADD 4 Crude Oil Supply and Refining



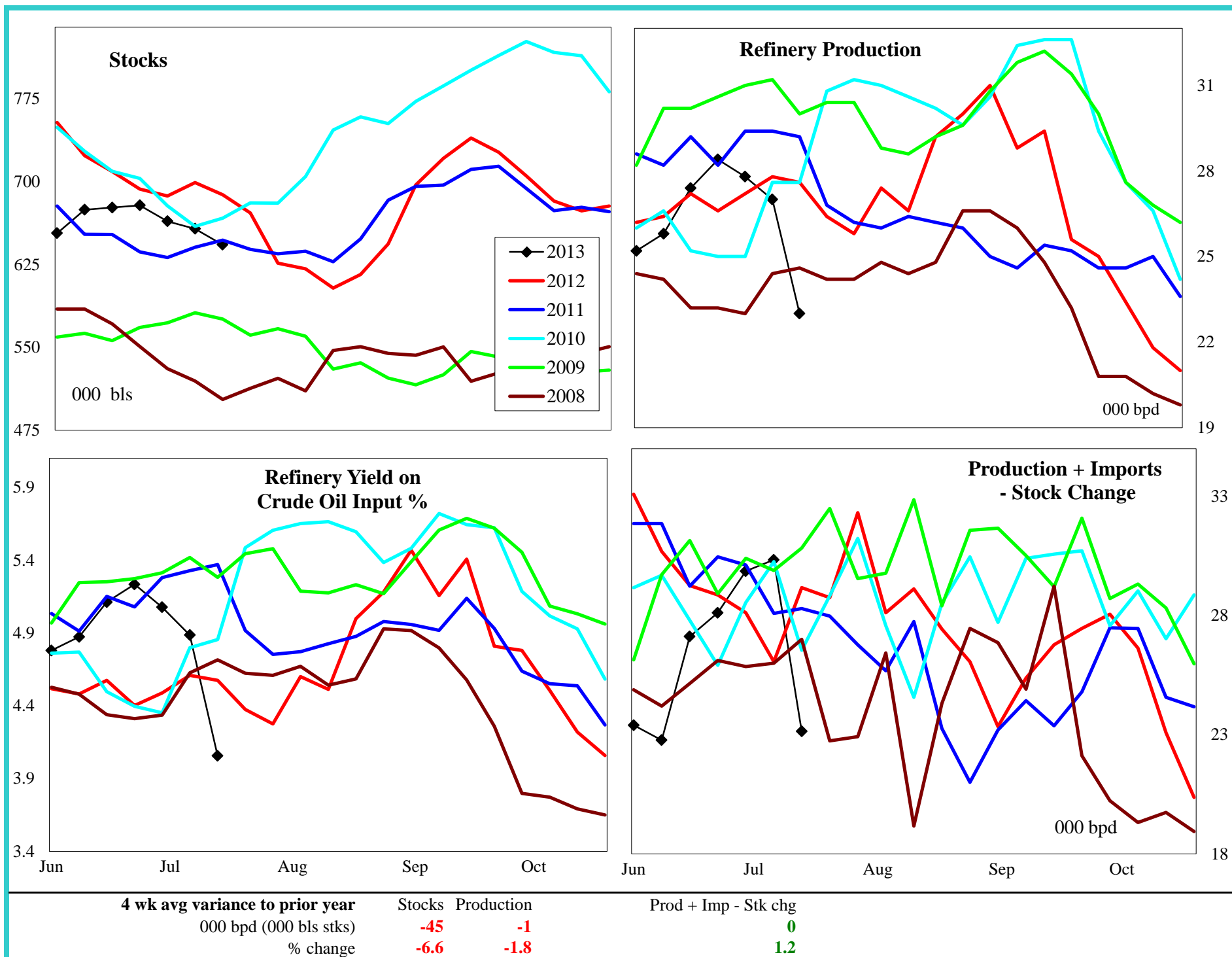
PADD 4 Gasoline Supply



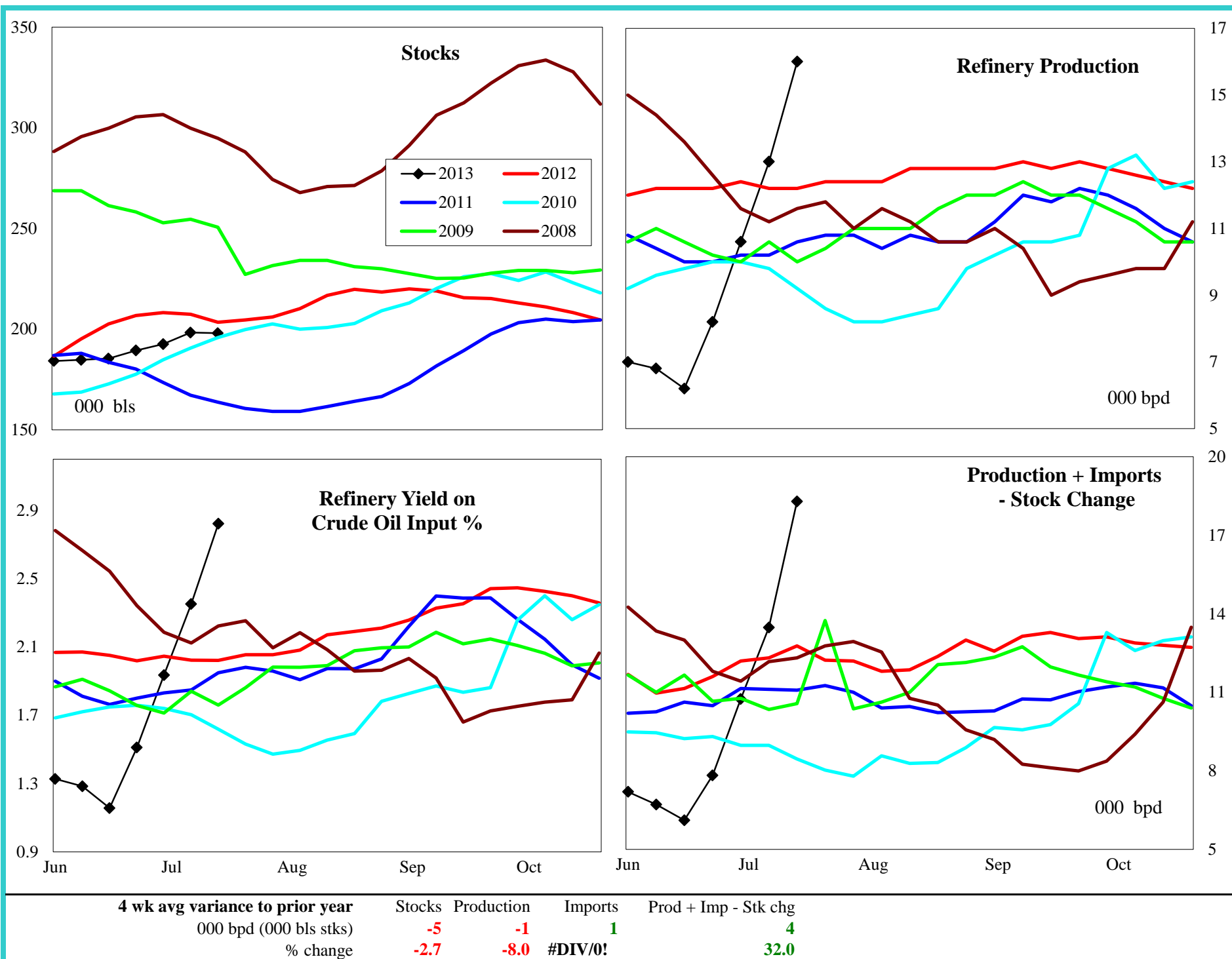
PADD 4 Distillate Supply



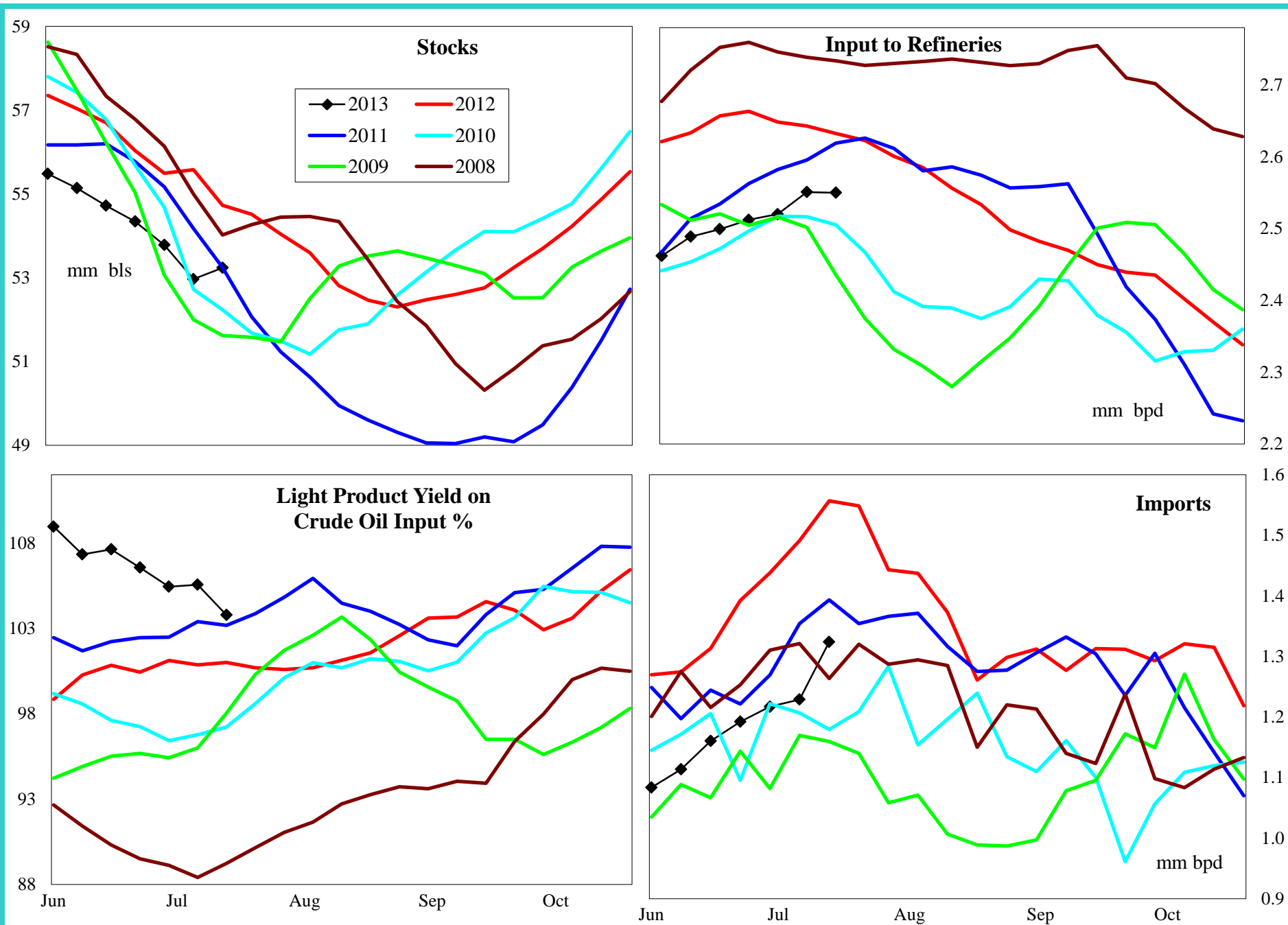
PADD 4 Jet Fuel Supply



PADD 4 Residual Fuel Oil Supply



PADD 5 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bbls stks)

% change

Stocks

-1,491

-2.7

Input

-102

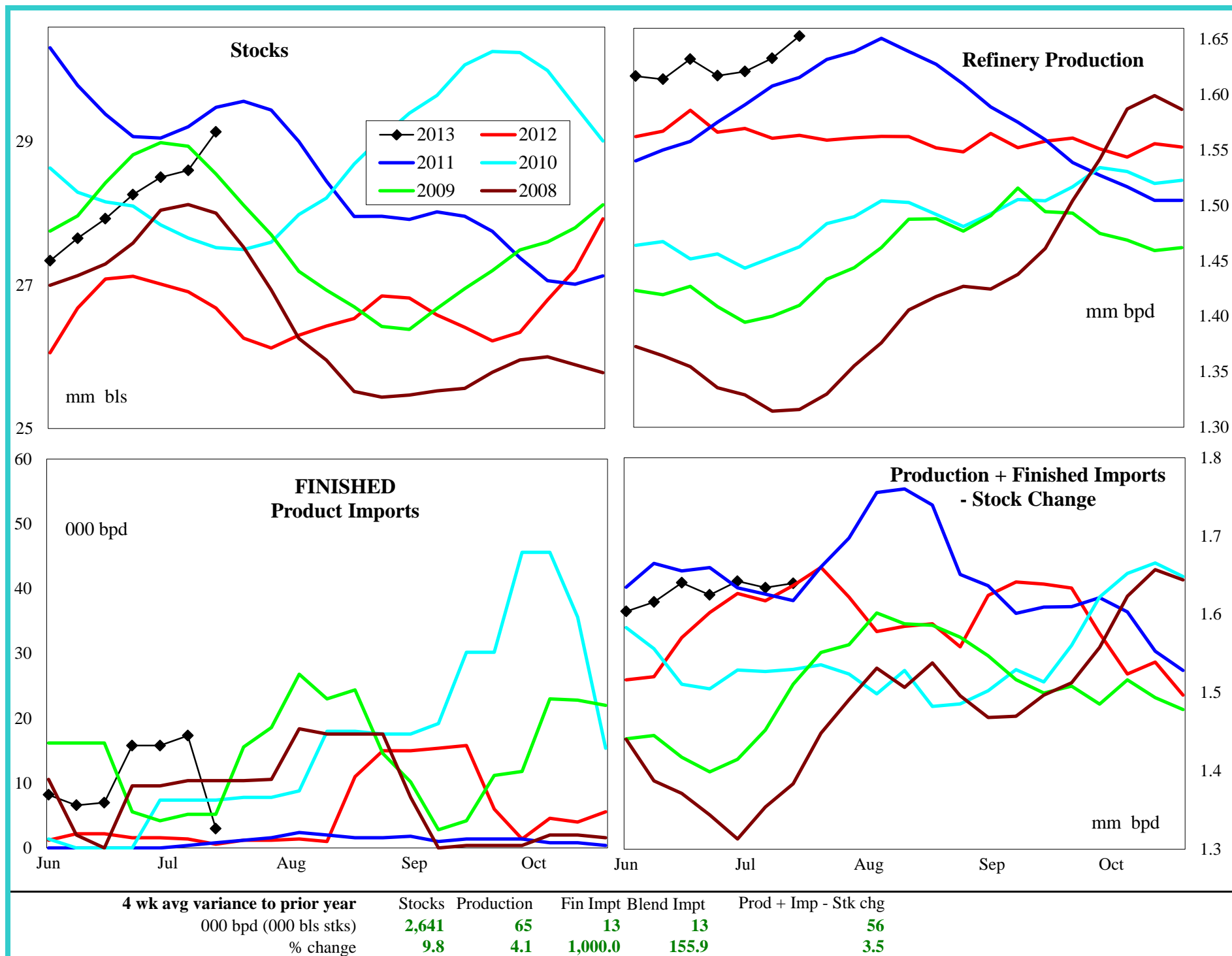
-3.9

Imports

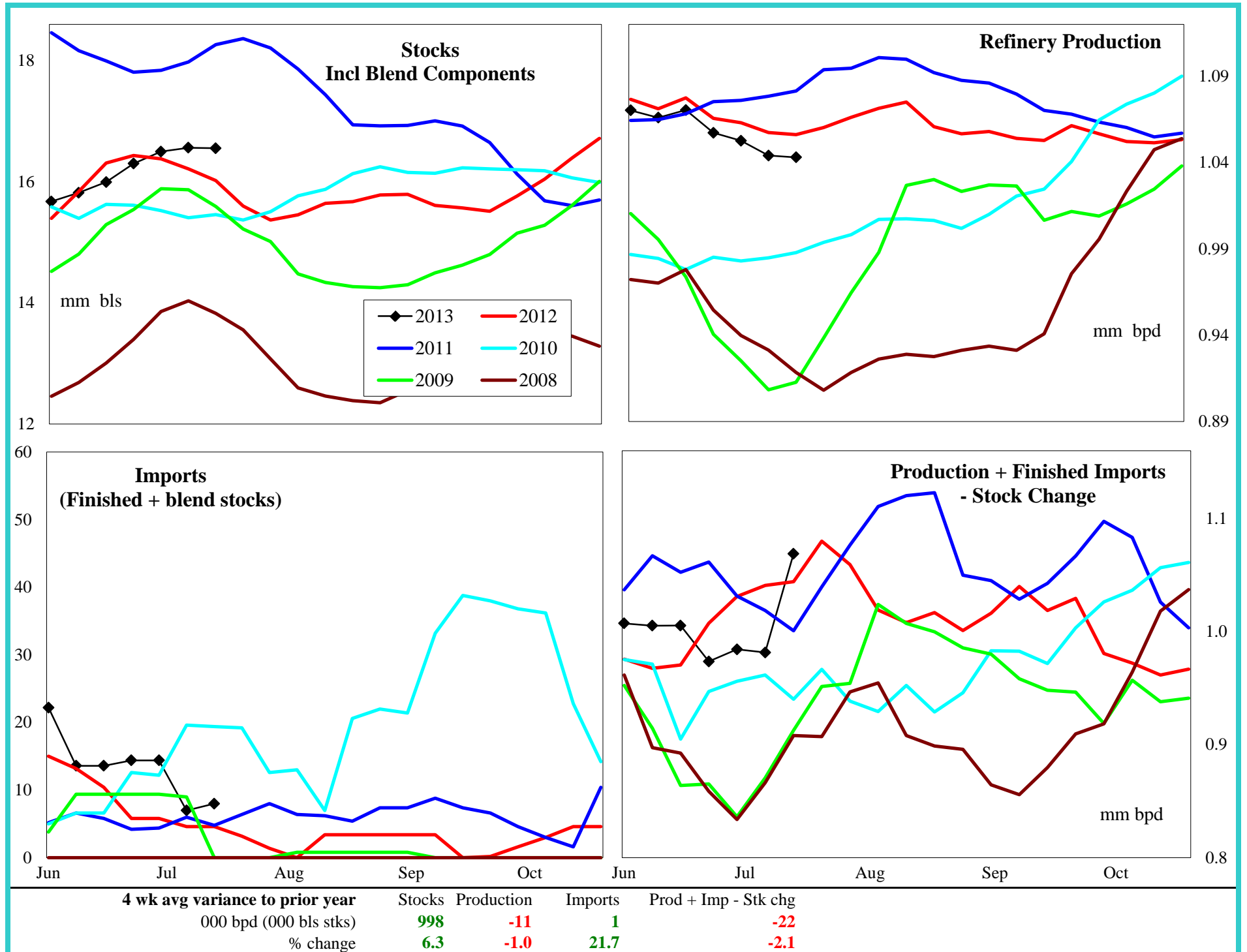
-272

-18.4

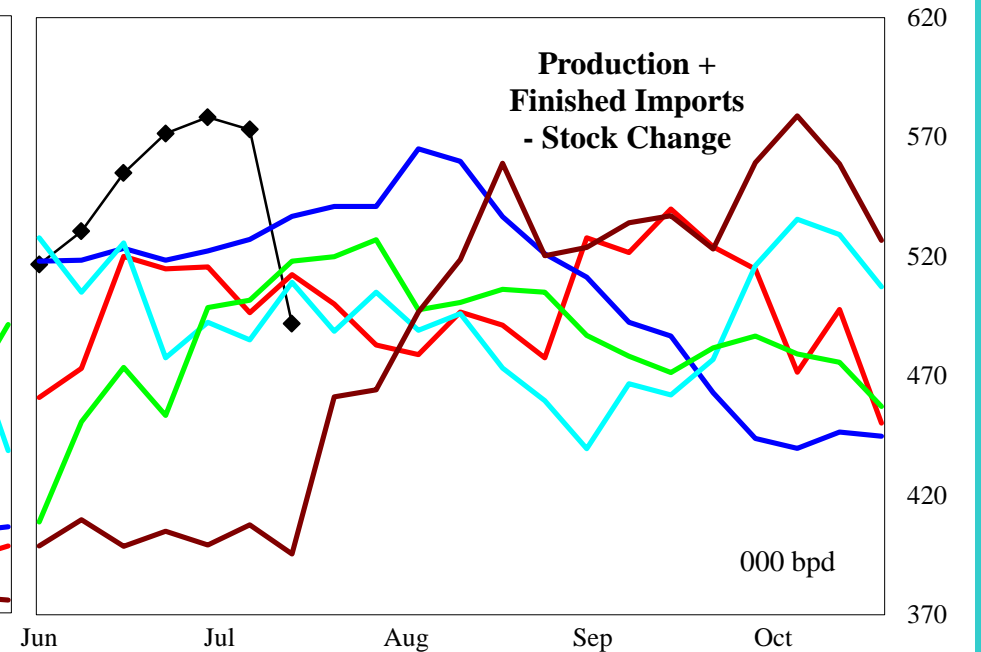
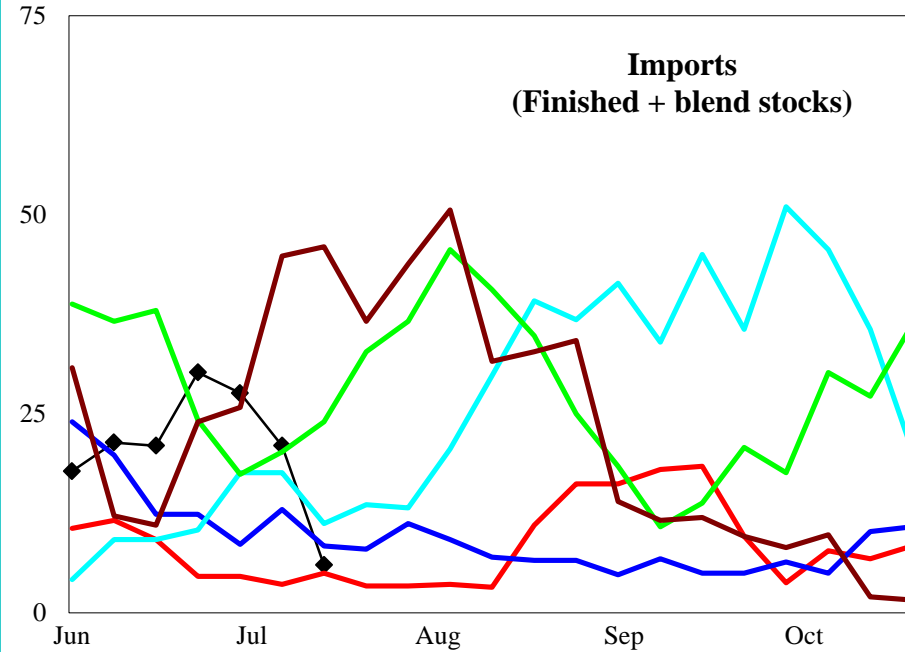
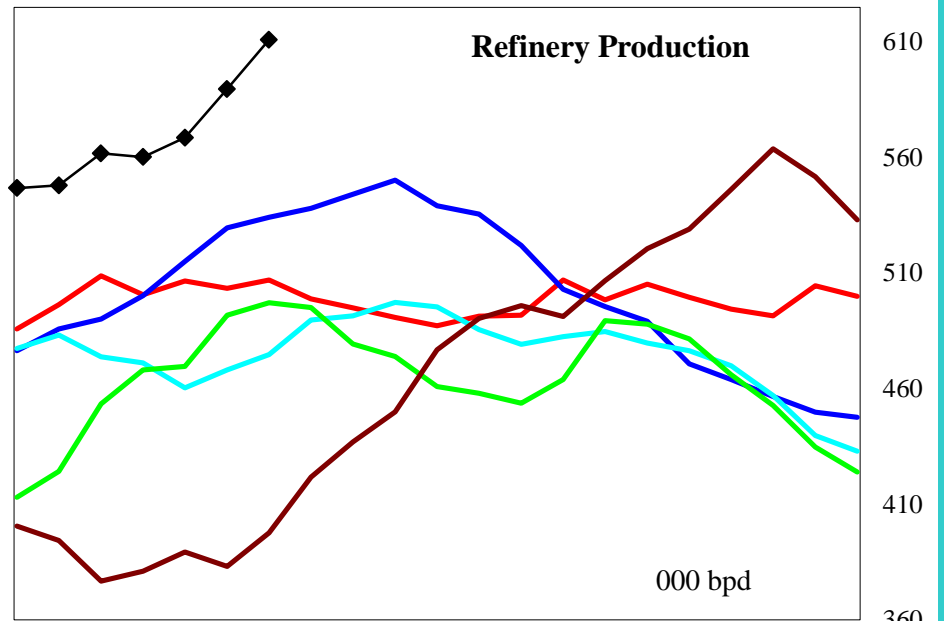
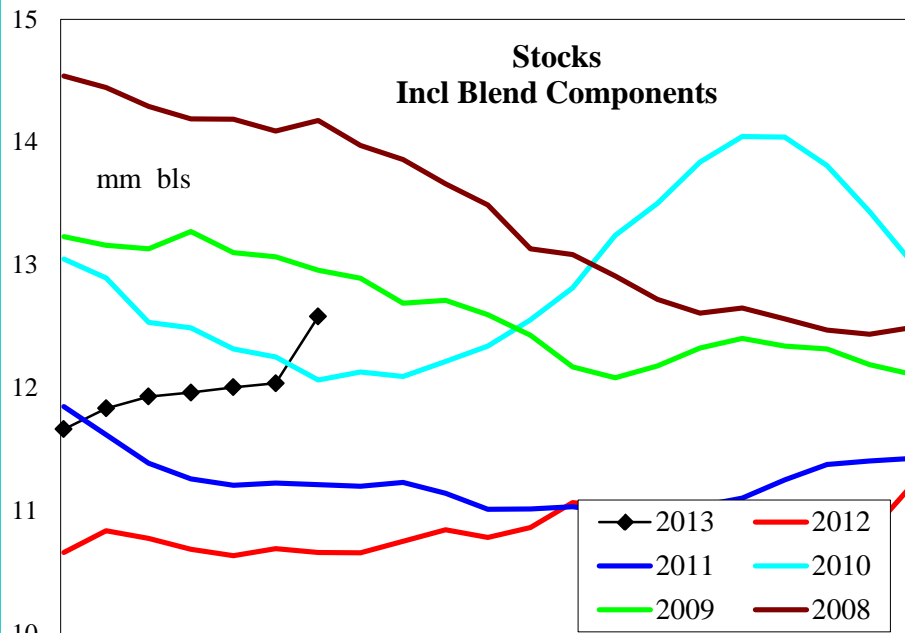
PADD 5 Gasoline Supply



PADD 5 Reformulated Gasoline Supply



PADD 5 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,643

15.0

Production

76

15.0

Imports

25

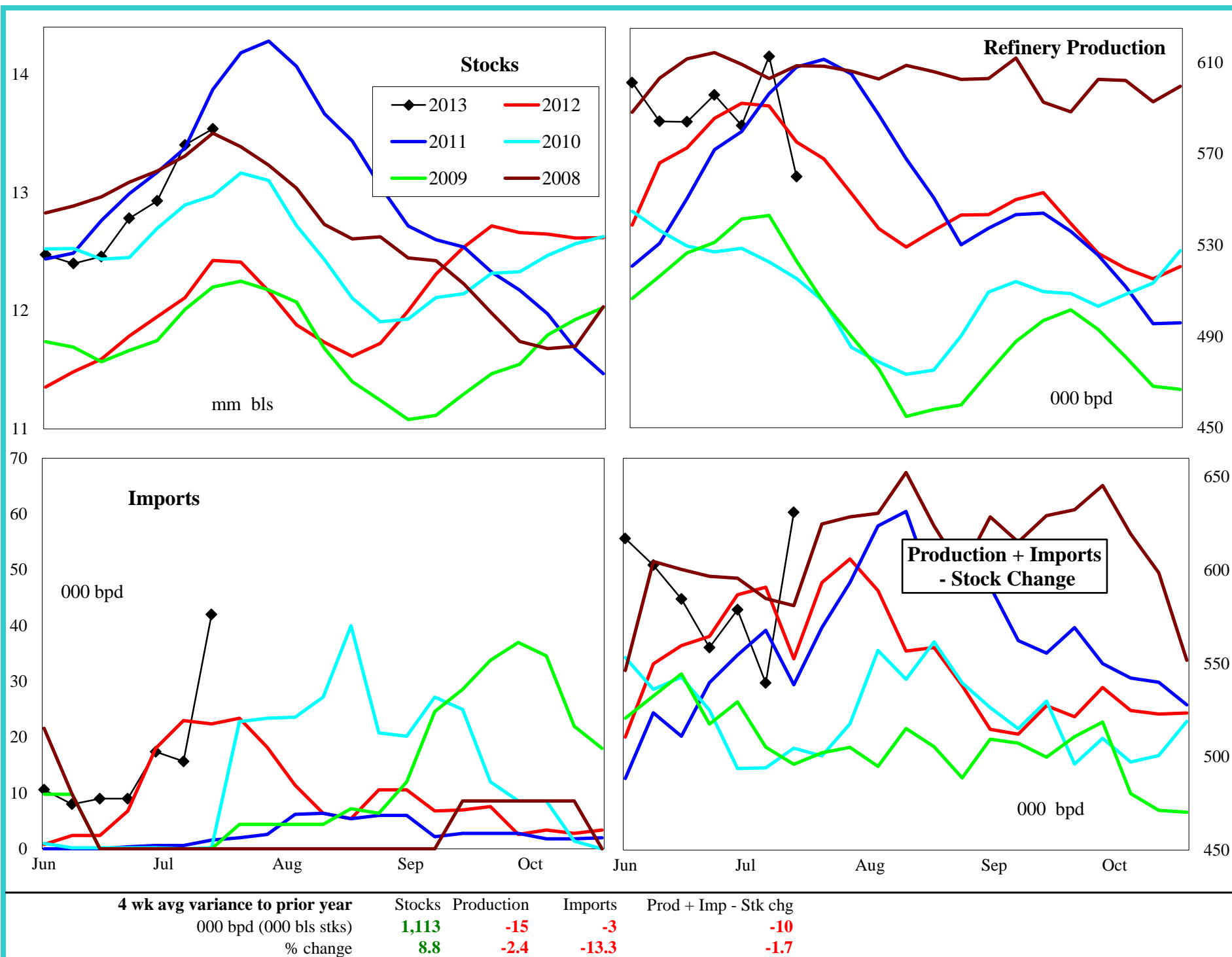
612.5

Prod + Imp - Stk chg

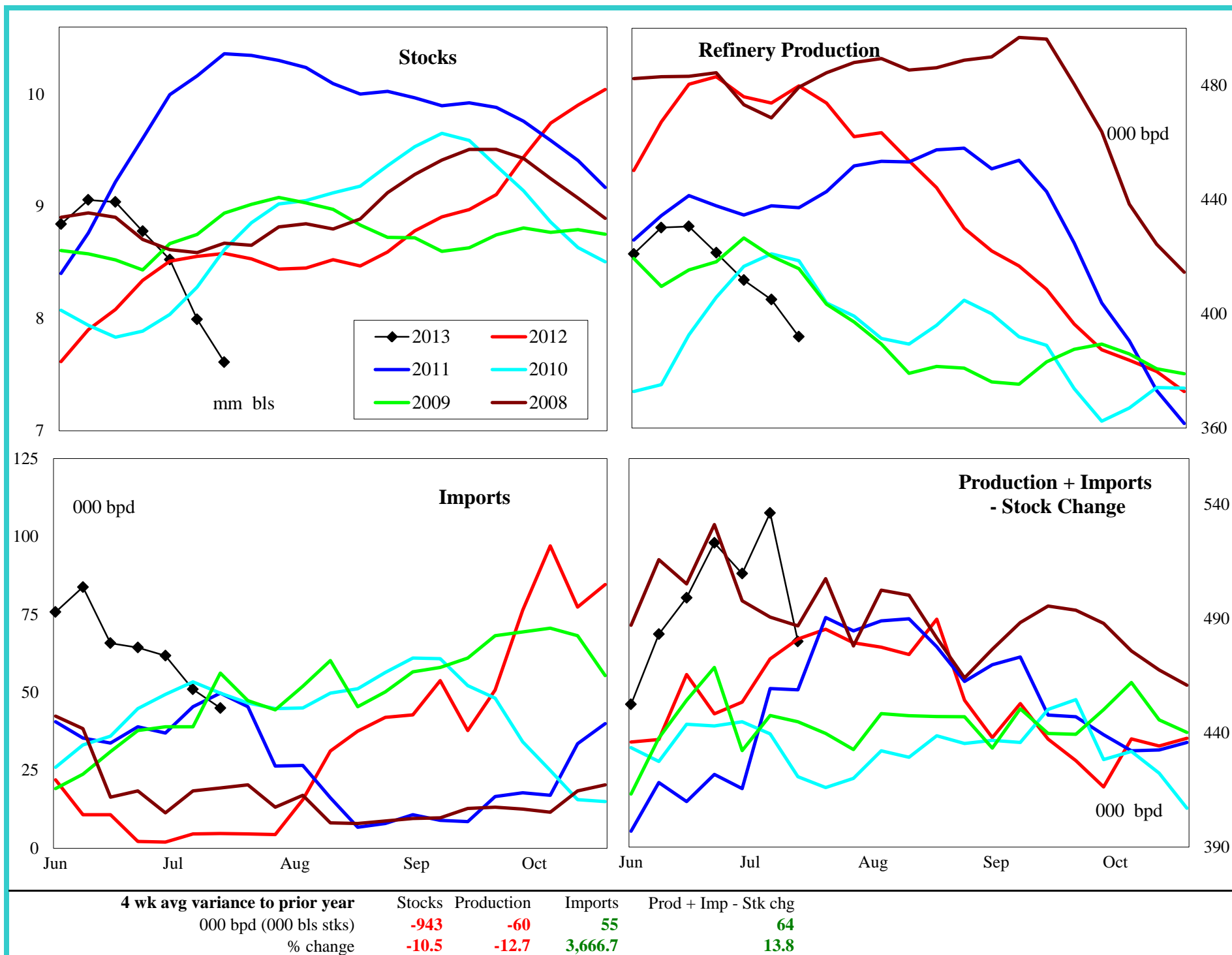
78

15.6

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

