



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

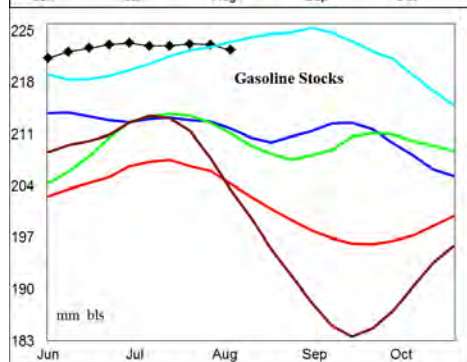
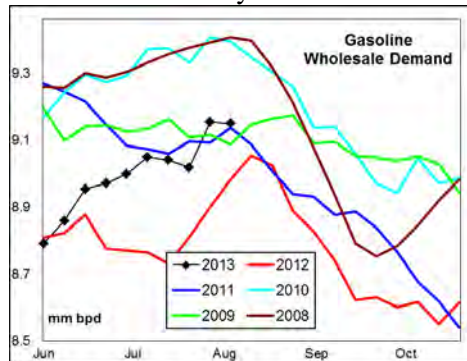
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, August 14, 2013

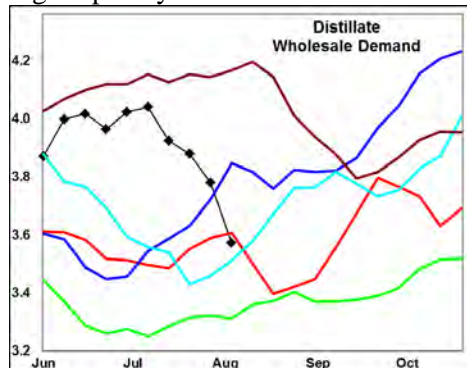


Major Fundamental Trends¹

Gasoline stocks decreased -1.2 million barrels last week; yet stocks remain at record levels. With an end to peak summer demand at hand, stock levels in coastal markets will be burdensome over the next 60-days.

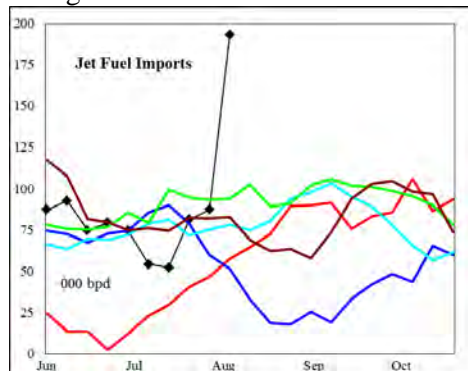


Distillate wholesale demand fell -263,000 bpd last week, to a level that matched last year. Year-on-year growth continues to slow as a result of the recent declines in demand and higher prior year demand levels.

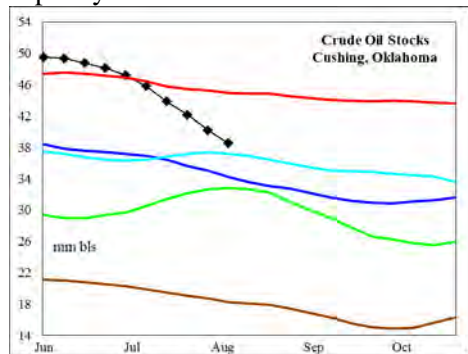


Jet fuel imports spiked last week to 200,000 bpd, an all-time record for the season. Direct imports by airlines led to a spike in wholesale demand as the

imports are not placed into common storage facilities.



Crude oil stocks continue to draw down in Cushing following the expansion of pipeline shipping capacity to the Gulf.



Stocks in Cushing have declined -11.5 million barrels during the last 5-wks.

Demand for distillate collapsed last week, while jet fuel spike on a jump in airline direct imports. Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +2.6%; distillate was +8% higher; jet fuel was +4.8% higher, and residual decreased -40%.

Stocks forward coverage: Gasoline demand coverage declined on a -1.2 million barrel stock draw for the week. Coverage remains slightly above the 5-year range.

Distillate coverage increased on a +2 million barrel stock build and sharply lower demand. Coverage levels matched a year ago.

Jet fuel coverage was lower on a spike in demand (driven by airline direct imports) and a -0.4 million barrel stock draw. Coverage levels remain below the 5-year range.

Residual fuel oil coverage spiked

to a new record high for the season on exceptionally low demand.

Refinery utilization rates declined last week on a -282,000 bpd decrease in crude oil runs. During the latest 4-wk period crude oil input was +204,000 bpd above a year ago.

Gasoline yield % on crude oil runs fell on a -480,000 bpd drop in output compared to the -282,000 bpd decline in crude oil runs. Yield % on crude oil runs ended the week at a level below the 5-yr range.

Distillate yield % on crude oil runs increased on a -62,000 bpd decline in output compared to the drop in crude oil thru put. The yield % on crude oil runs remains above the historic range.

Jet fuel yield % on crude oil runs decreased on a -47,000 bpd decline in output, compared to lower crude oil input. The yield % level was near the 5-yr mid range.

Petroleum Imports/Exports: Imports of crude oil and gasoline each declined last week.

During the latest 4-wk period crude oil *imports* were -0.8 million bpd below last year; distillate imports increased +2,000 bpd; finished gasoline imports decreased -15,000 bpd, gasoline blend stock imports were -169,000 bpd lower; jet fuel imports increased +27,000 bpd, while residual fuel oil imports were -24,000 bpd lower.

The latest weekly *export* estimate saw a -82,000 bpd decrease in gasoline, a -61,000 bpd drop in distillate and +24,000 bpd rise in jet fuel compared to a year ago.

Crude Oil stocks declined -2.8 million barrels last week, including a -1.4 million barrel draw in Cushing. Stocks ended the week -5.7 million barrels below last year's record level (-1.5%). Stock levels ended the week -14% below last year in Cushing.

¹ Source is latest EIA Weekly Statistics



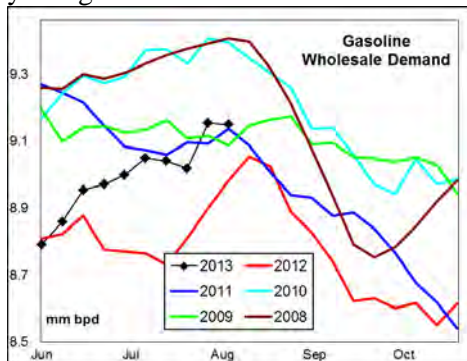
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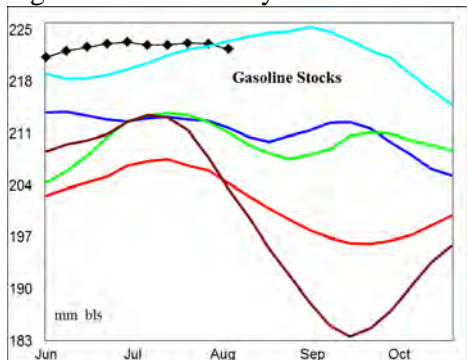
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Product Supply-Demand Trends

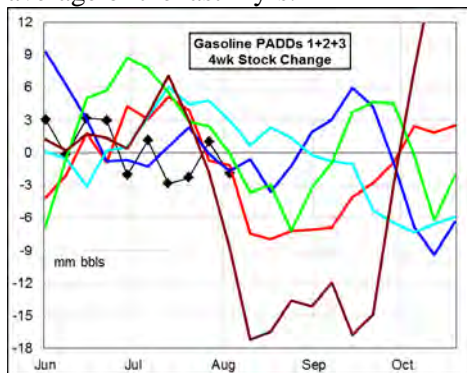
Gasoline wholesale demand decreased -56,000 bpd on the week. The latest 4-wk average demand was +235,000 bpd above a year ago. Supply decreased -0.6 million bpd last week on sharply lower production. Supply for the latest 4-wk period was +108,000 bpd above a year ago.



Stocks declined -1.2 million barrels last week, with the level equal to 5-yr highs for this time of year.



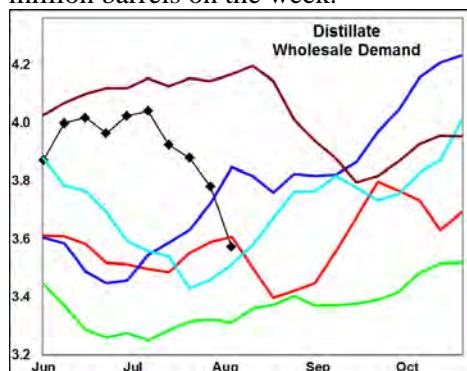
The latest 4-wk stock change in markets East of the Rockies was a -1.7 million barrel draw, comparable to the average of the last 2-yrs.



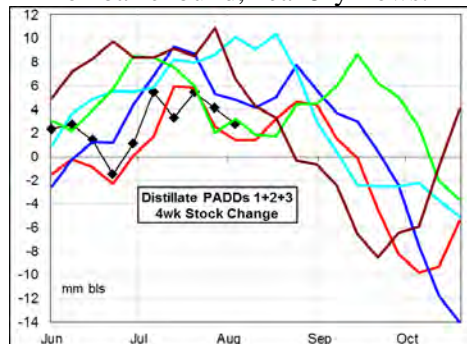
A sharp seasonal decline in demand should begin immediately. Combined with record high stock levels for this time of year, all coastal regional markets are over supplied.

Look for excess stock levels to burden coastal markets during the balance of the summer driving season.

Distillate wholesale demand fell -0.3 million bpd on the week, to a level comparable to the latest 3-yr mid range. The latest 4-wk average demand was +296,000 bpd above a year ago, a +8% increase. Supply declined -40,000 bpd last week on lower production. The latest 4-wk average supply was +240,000 bpd above last year. Stocks increased +2 million barrels on the week.



The latest 4-wk stock change in markets East of the Rockies was a +3.2 million barrel build, near 5-yr lows.



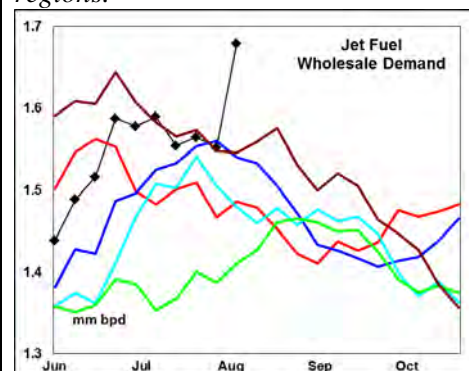
Year-on-year demand growth continues to slow, the result of a downtrend in demand this year and higher demand in prior years. Combined with record high production for this time of year, expect renewed stock builds during the next 60-days.

Jet Fuel wholesale demand spiked +226,000 bpd on the week; due in part to a +130,000 bpd surge in imports by airlines. The latest 4-wk average demand was +71,000 bpd above last year, a +5% increase.

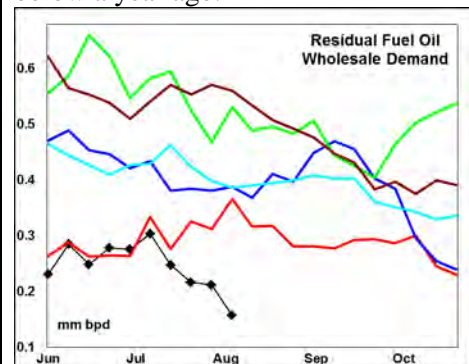
Supplies increased +83,000 bpd on the week, driven by nearly 200,000

bpd of imports. Supply for the latest 4-wk period was -27,000 bpd below a year ago. Stocks decreased -0.4 million barrels, -7% below the 5-yr range.

The spike in demand was driven by direct airline imports. Look for a sharp pull back in seasonal demand during the next 60-days. Combined with peak seasonal production and higher imports, expect stock builds during the next quarter. Stock levels are below the 5-yr range in all major regions.



Residual fuel oil demand declined -11,000 bpd last week. Demand for the latest 4-wk period was -159,000 bpd below a year ago.



Supply (production + imports) decreased -26,000 bpd last week, on lower imports. Production levels matched year ago levels last week. Stock levels matched the average of the last 3-years.

Exceptionally low demand and a spike in imports continues to support stock levels at record highs in the key Gulf Region.



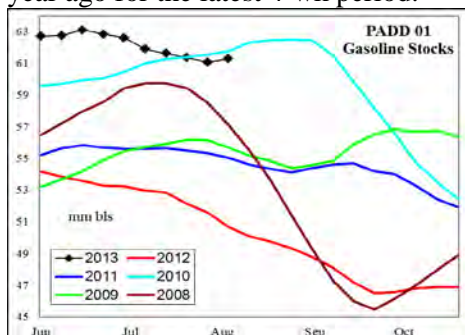
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PADD Supply Trends

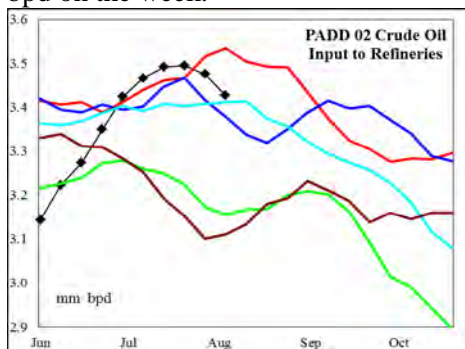
PADD 1 refinery crude oil runs decreased -67,000 bpd last week, to a level +7% above last year. Crude oil imports averaged +24,000 bpd above a year ago for the latest 4-wk period.



Gasoline supply fell -144,000 bpd last week on lower imports and production. Stocks decreased -0.4 million barrels to a level near 5-yr highs.

Distillate supply decreased -6,000 bpd on the week, with the 4-wk average -18,000 bpd below a year ago. Stocks climbed +2.4 million barrels for the week, ULSD stocks at a 5-yr high.

Jet fuel imports spiked to 110,000 bpd on the week.



PADD 2 crude oil refinery runs declined -73,000 bpd on the week, were unchanged on the week, runs for the latest 4-wk period -16,000 bpd below last year. Crude oil stocks decreased -0.3 million barrels last week, including a -1.4 million barrel draw in Cushing. Stocks ended the week -14% below a year ago in Cushing.

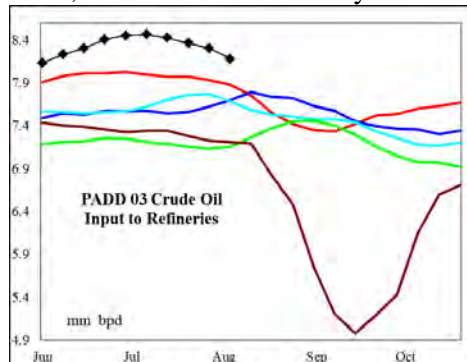
Gasoline production decreased -86,000 bpd on the week, to a level sharply below the last 3-yrs. Stocks increased +0.2 million barrels to a

level comparable with the latest 2-yr average.

Distillate supply increased +29,000 bpd last week, to a level slightly above the 5-yr range. Stocks decreased -0.4 million barrels on the week, to a level comparable with the last 2-yrs.

Jet fuel production decreased -4,000 bpd last week, to a level that matched the 3-yr average. Stocks ended the week -6% below last year.

PADD 3 refinery runs decreased -162,000 bpd last week. During the latest 4-wk period, average runs were +359,000 bpd above a year ago. Crude oil stocks fell -4.2 million barrels last week, a level -4% below last year.



Gasoline supply fell -135,000 bpd on the week, with the latest 4-wk average +124,000 bpd above a year ago. Stocks declined -0.6 million barrels to level that matched 5-yr highs.

Distillate supply declined -69,000 bpd on the week, with the latest 4-wk average supply +236,000 bpd above last year. Stocks were unchanged on the week, with the level +9% above a year ago.

Jet fuel supply decreased -35,000 bpd on the week, with production still near historic highs. Stocks decreased -0.4 million barrels, with the level -14% below the last 2-yrs.

Residual fuel supply increased +78,000 bpd, on imports at nearly 175,000 bpd. Stock levels ended the week +15% above a year ago, and a record high.

PADD 4 refinery crude runs increased +2,000 bpd on the week, to a level above four of the last 5-yrs. Crude oil stocks climbed to a fresh record high,

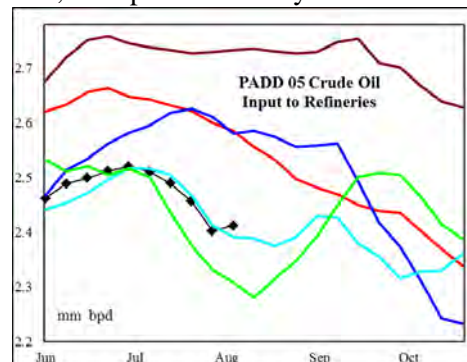
up +15% above a year ago.

Gasoline production decreased -2,000 bpd on the week, to a level matching record highs. Stocks climbed +0.1 million barrels to a level near historic highs.

Distillate production decreased -6,000 bpd, to a level near the average of the last 3-yrs. Stock levels ended the week equal to the 3-yr mid range.

Jet fuel production was near historic highs for the week. Stock levels exceeded the last 2-yrs for this time of year.

PADD 5 crude oil refinery runs increased +18,000 bpd on the week; with the latest 4-wk average run rate 178,000 bpd below last year.



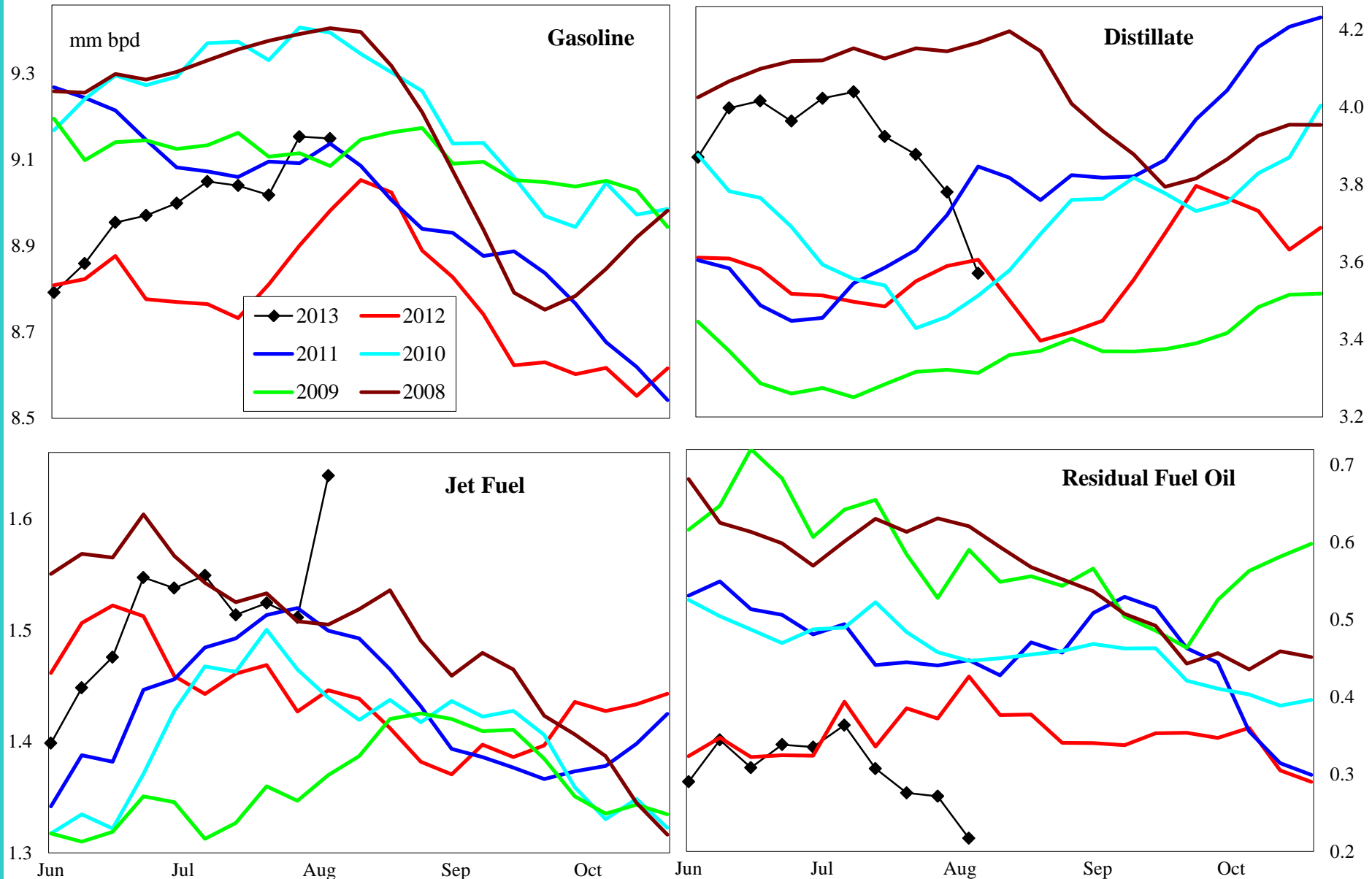
Gasoline supply increased +36,000 bpd on the week with production equal to 5-yr highs. The latest 4-wk average supply was +66,000 bpd above a year ago. Stocks decreased -0.5 million barrels on the week, to a level that matched historic highs.

Distillate supply increased +13,000 bpd, with production comparable to last year. The latest 4-wk average supply was -19,000 bpd below last year. Stocks decreased -0.2 million barrels with the level equal to 5-yr lows for the period.

Jet fuel supply increased +27,000 bpd last week on record imports. Stocks were unchanged on the week, with the level -8% below prior 5-yr lows.

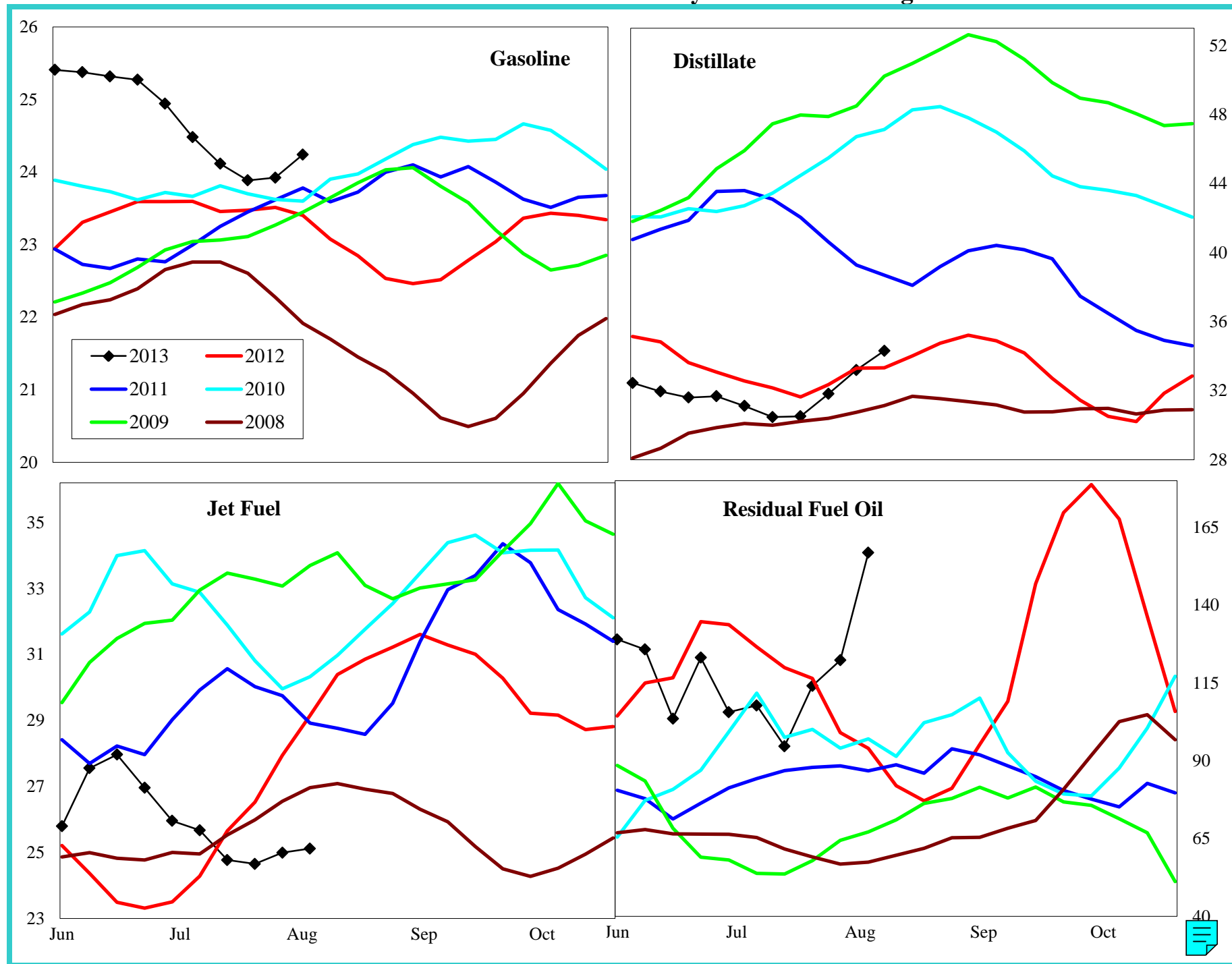
Residual fuel oil supplies fell -89,000 bpd last week, with both production and imports at record lows for this time of year. Stock levels were above the 3-yr mid range.

United States Wholesale Petroleum Demand

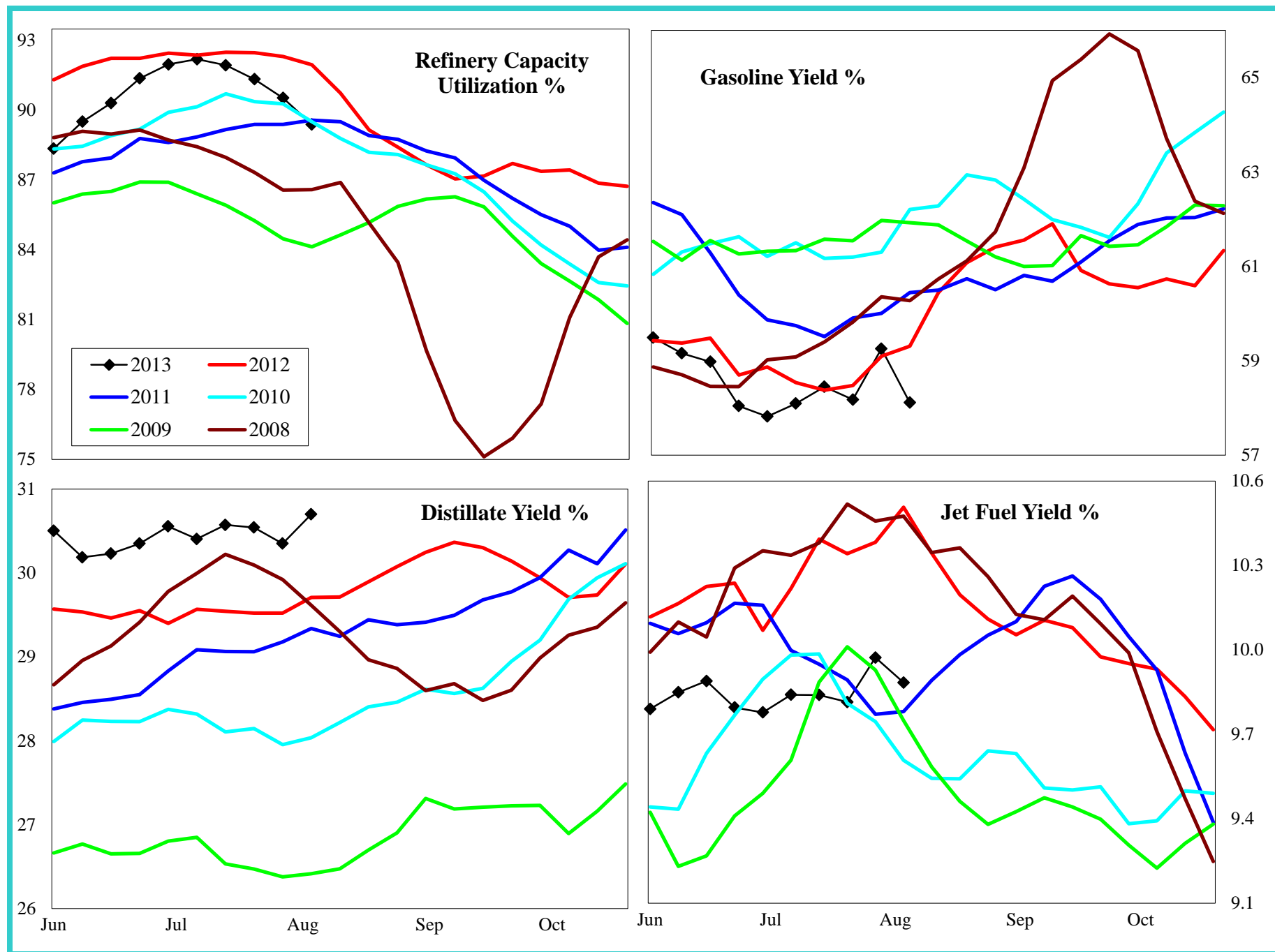


	000 bpd change from prior year				% change from prior year			
	4wk avg	Jul	Jun	May	4wk avg	Jul	Jun	May
Gasoline	235	207	-116	-13	2.6	2.3	-1.3	-0.1
Distillate	296	442	380	27	8.1	12.4	10.2	0.7
Jet Fuel	71	68	-56	7	4.8	4.6	-3.6	0.5
Resid	-159	-147	-100	-79	-40.3	-35.2	-26.9	-26.9

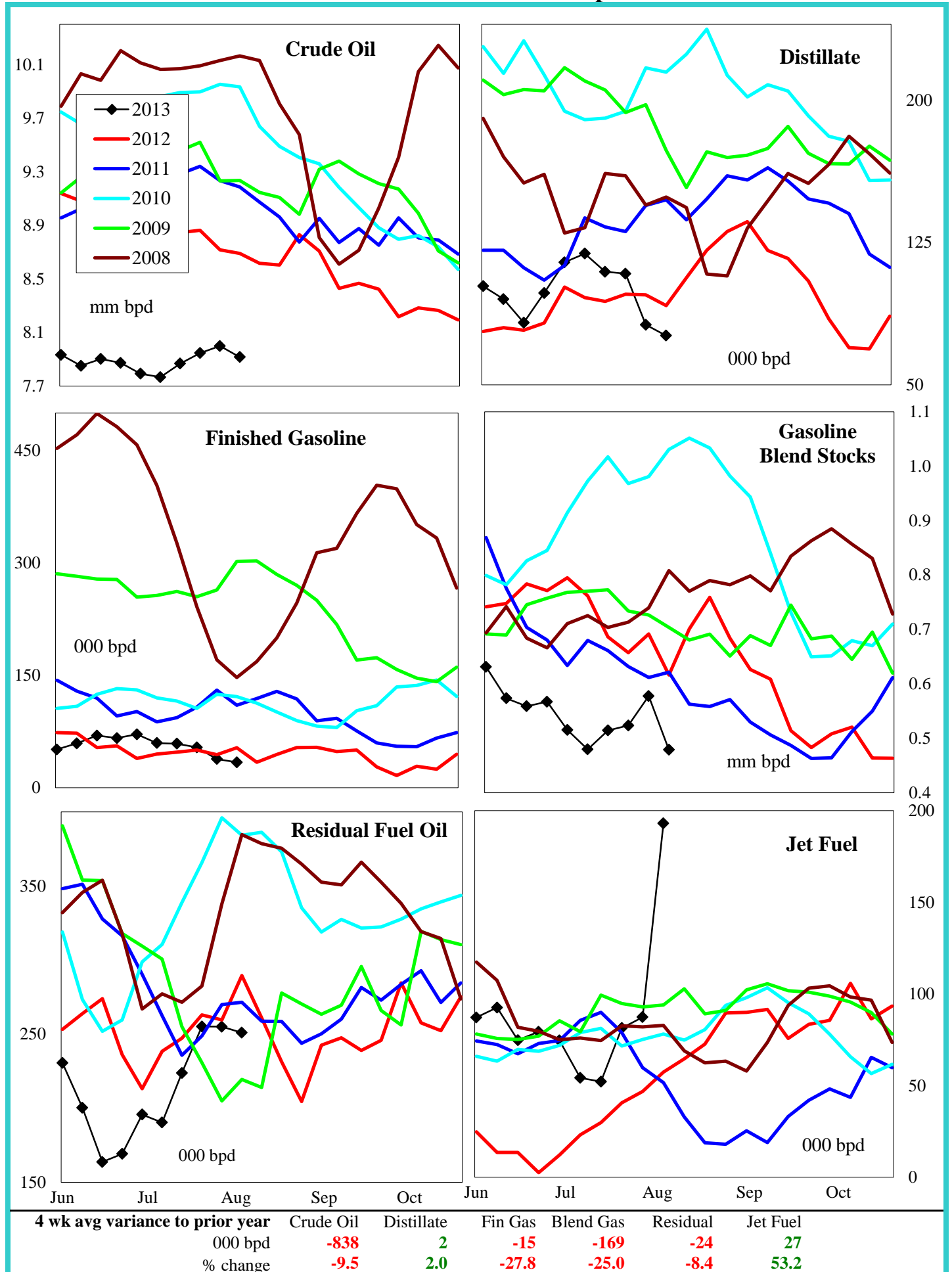


United States Product Stocks: Days Forward Coverage

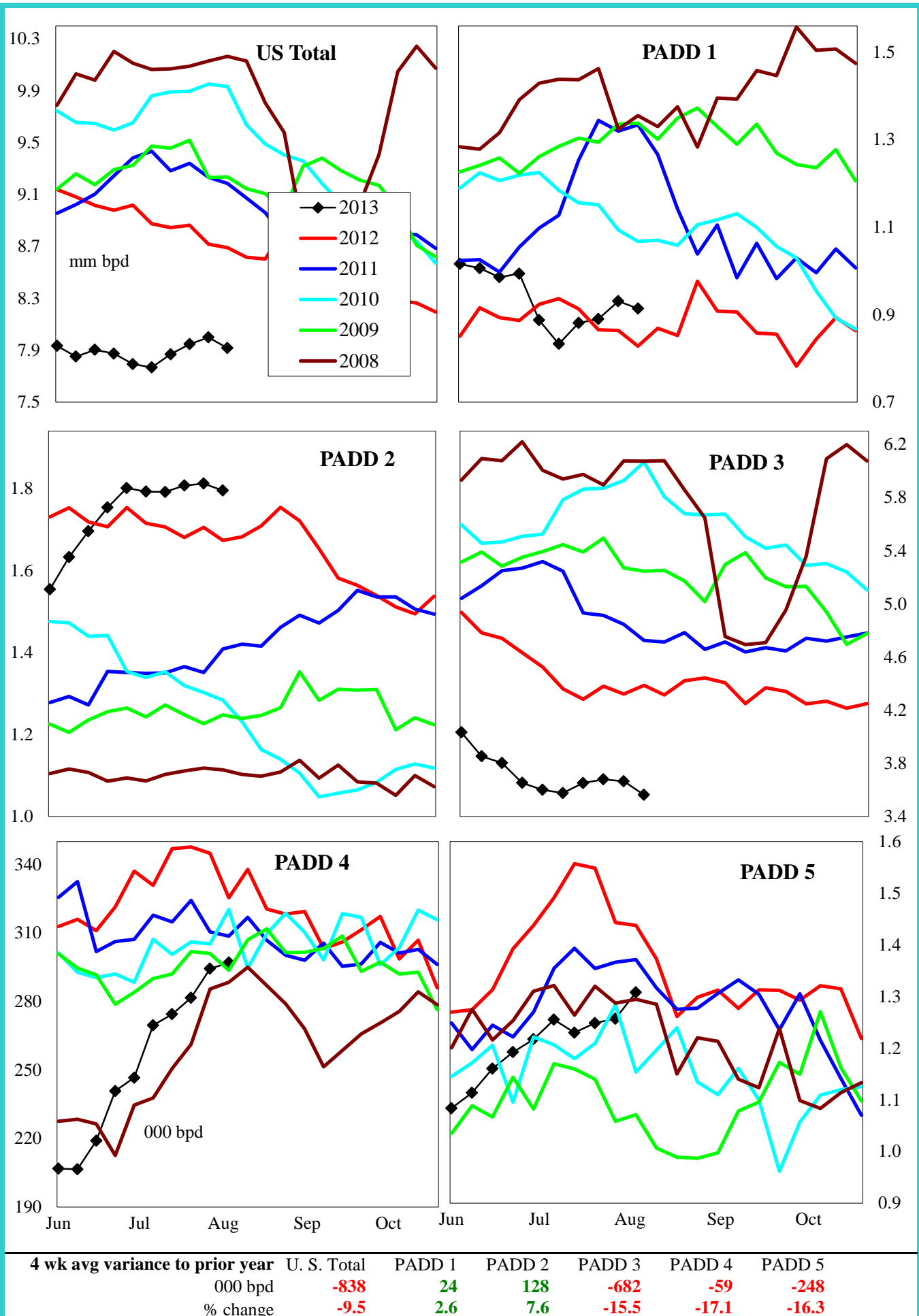
United States Refinery Percent Utilization Rate and Product Yields



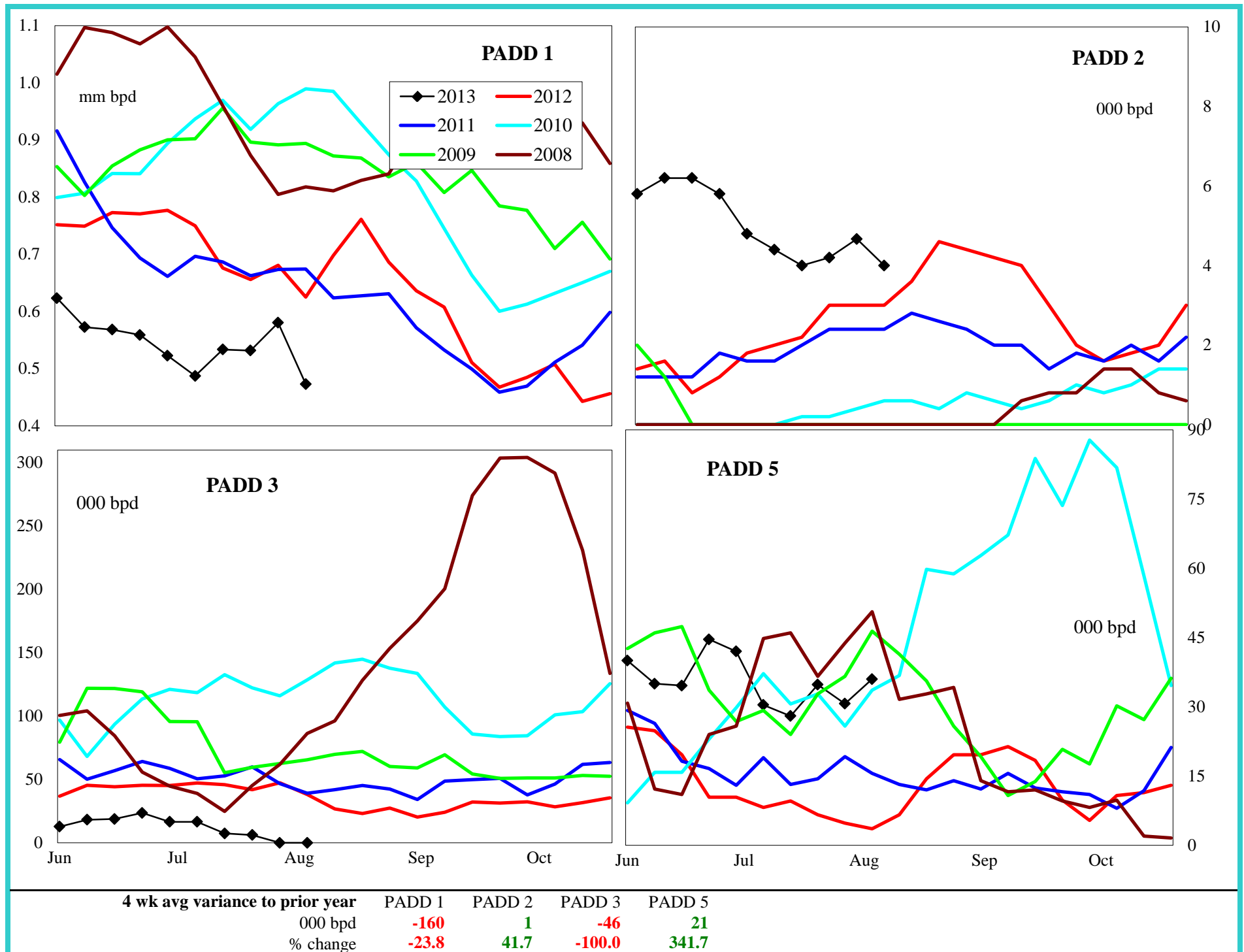
United States Petroleum Imports



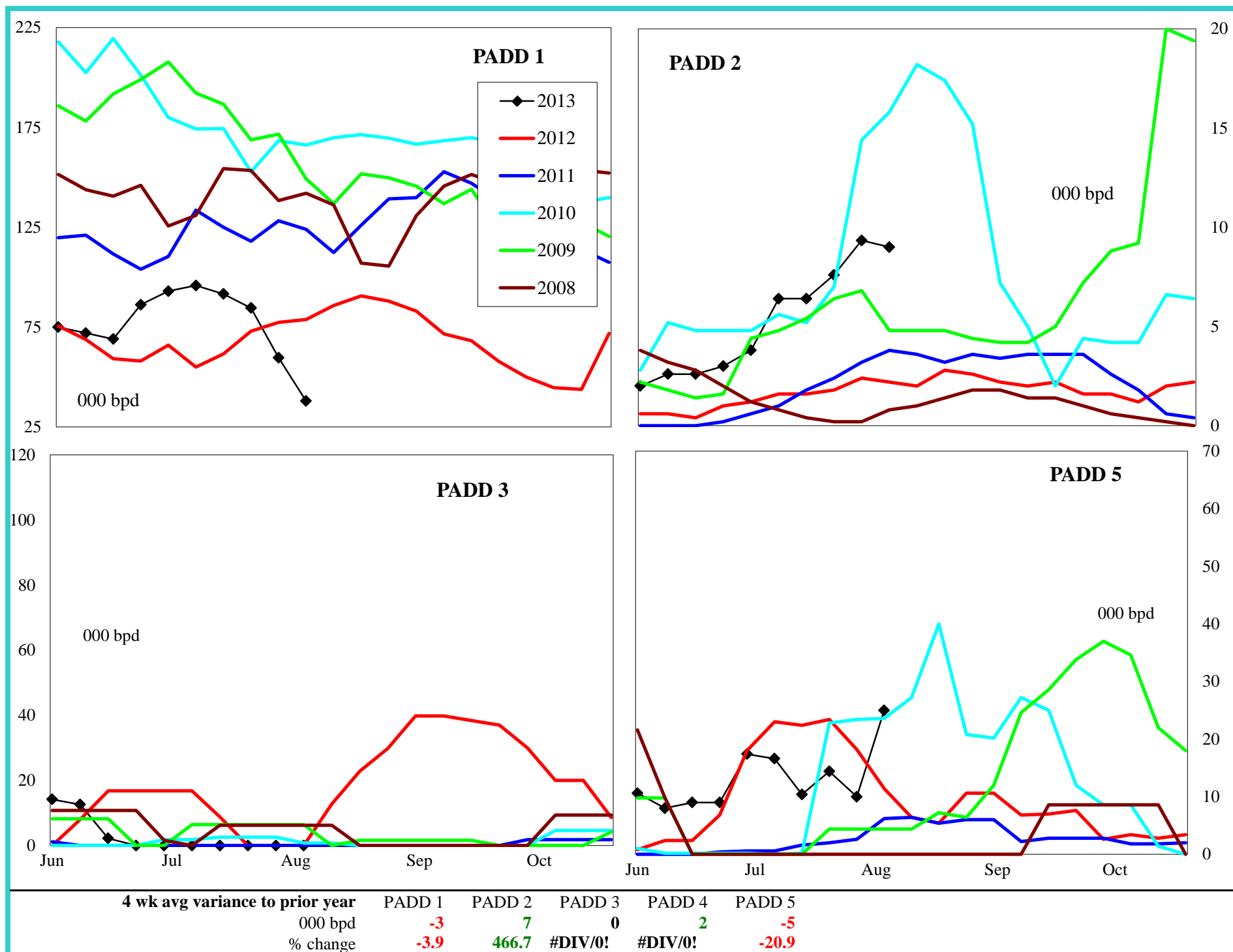
Crude Oil Imports by PADD



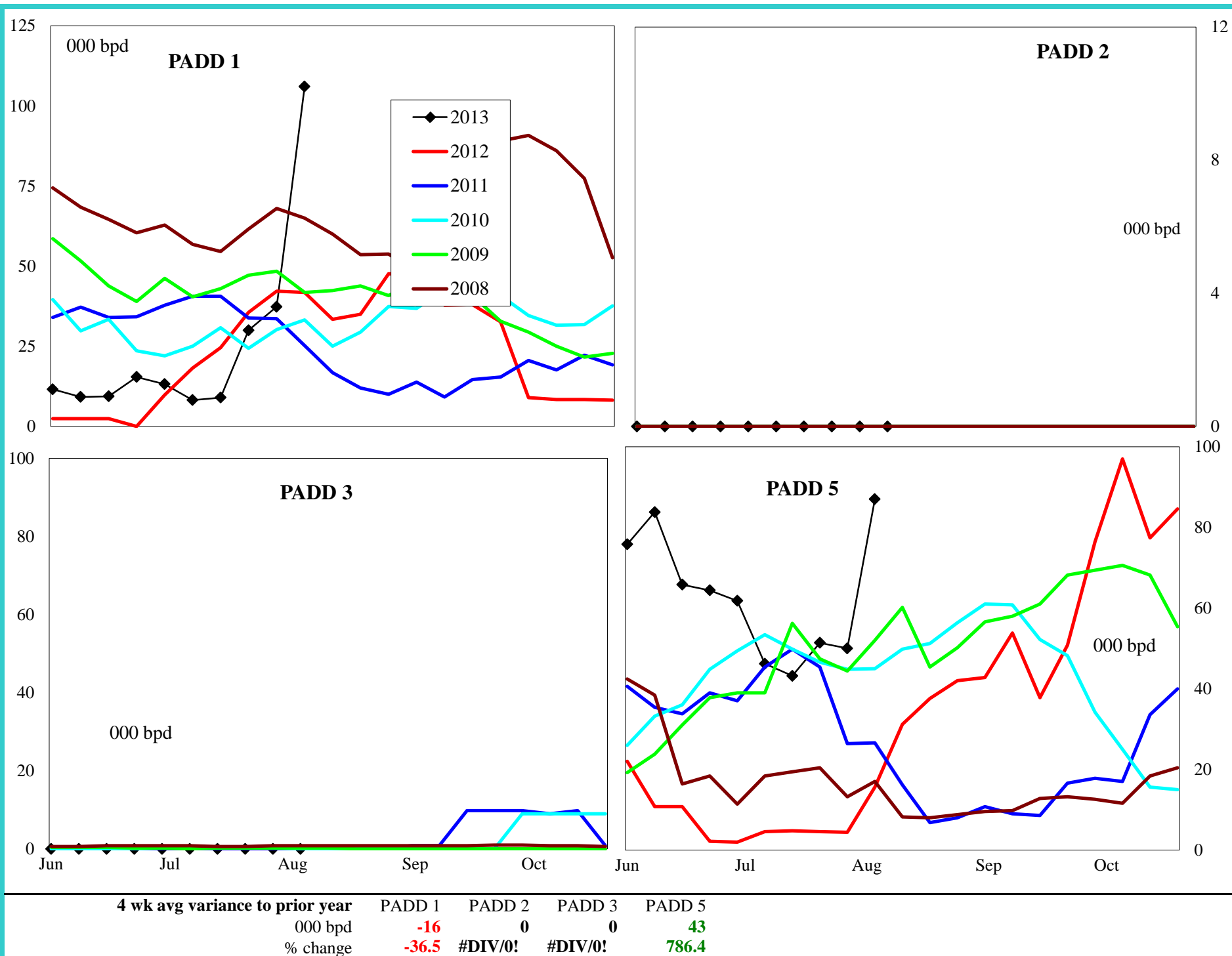
Gasoline Imports by PADD (Finished + Blend Stocks)



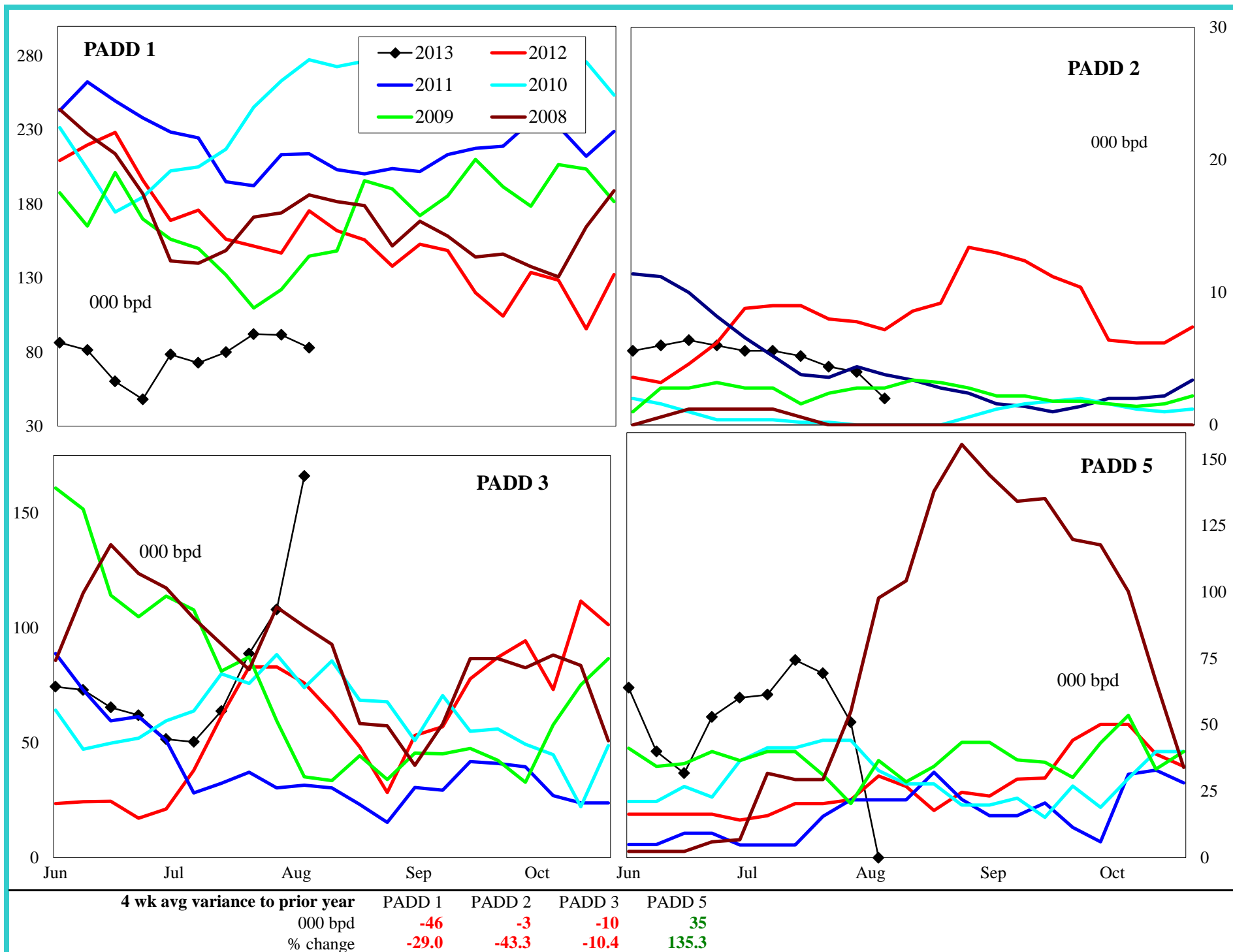
Distillate Imports by PADD



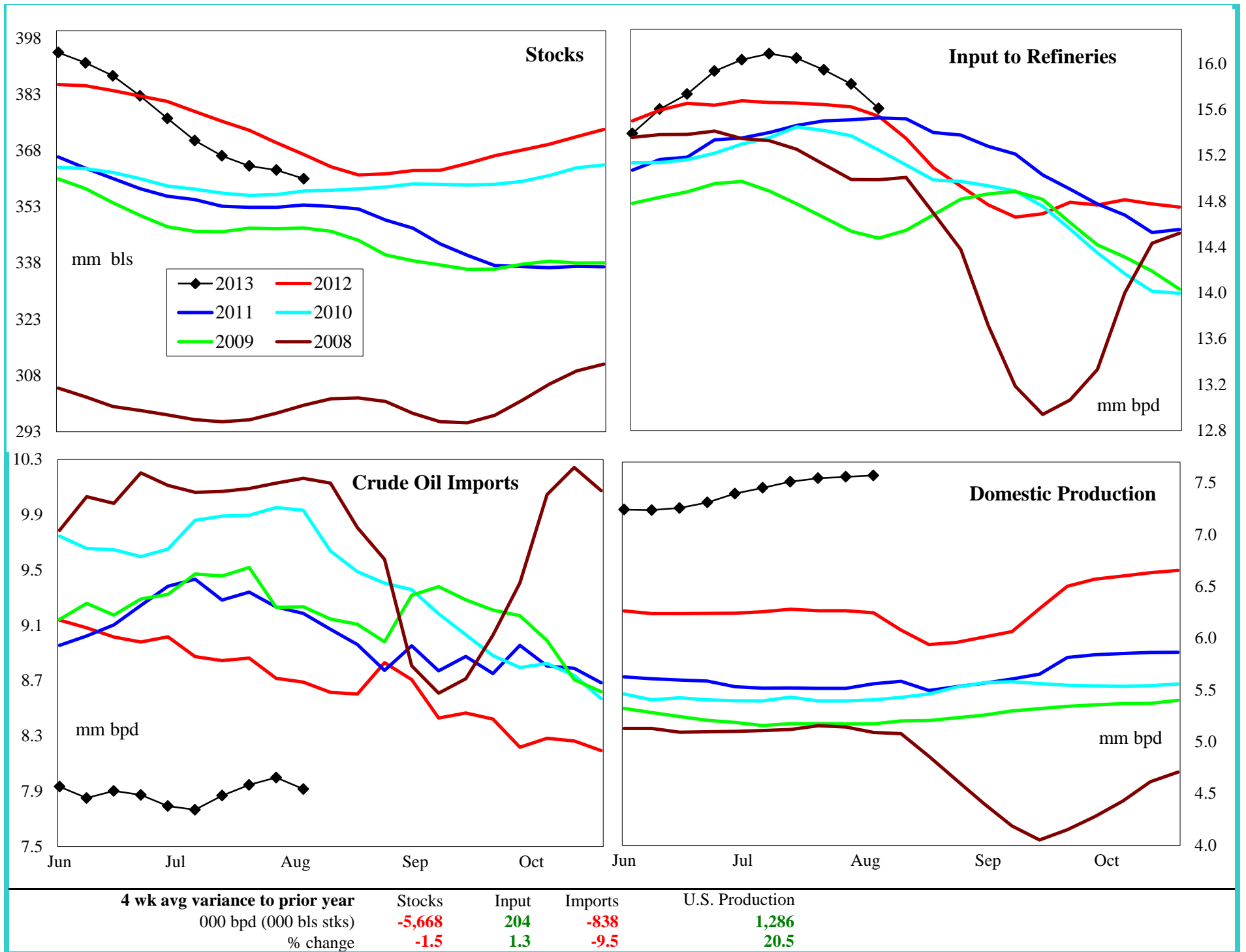
Jet Fuel Imports by PADD



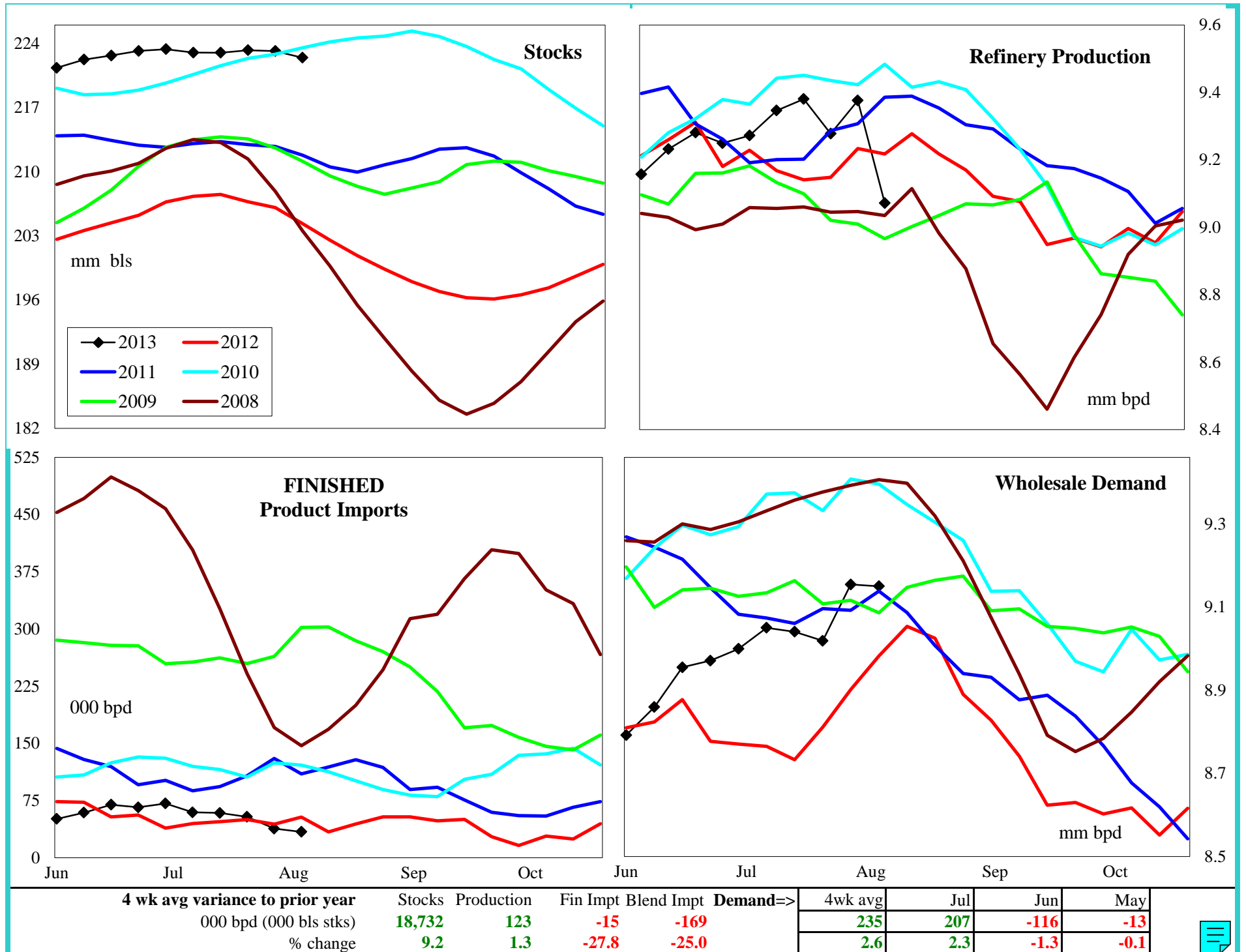
Residual Fuel Oil Imports by PADD



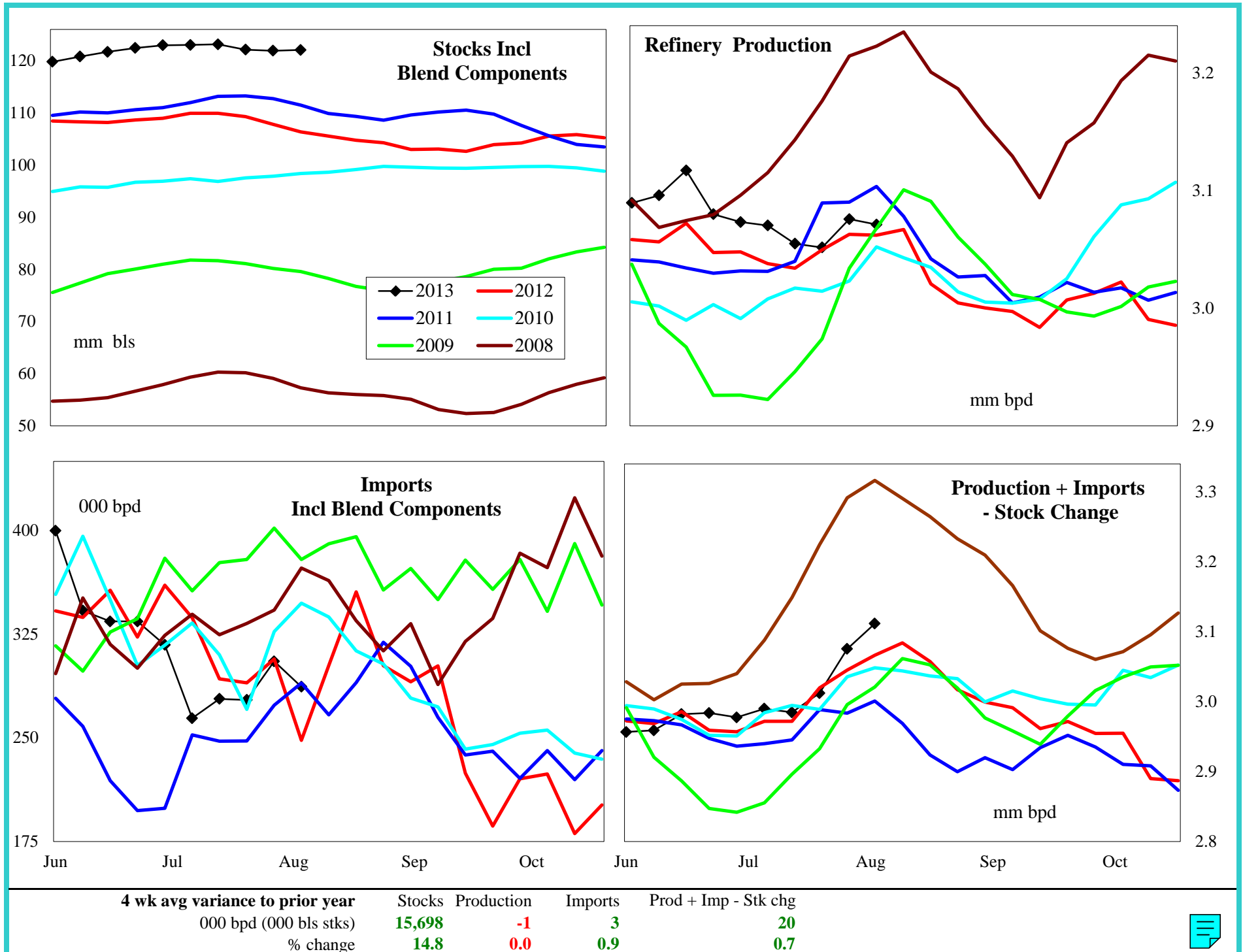
United States Crude Oil Supply and Demand Balance



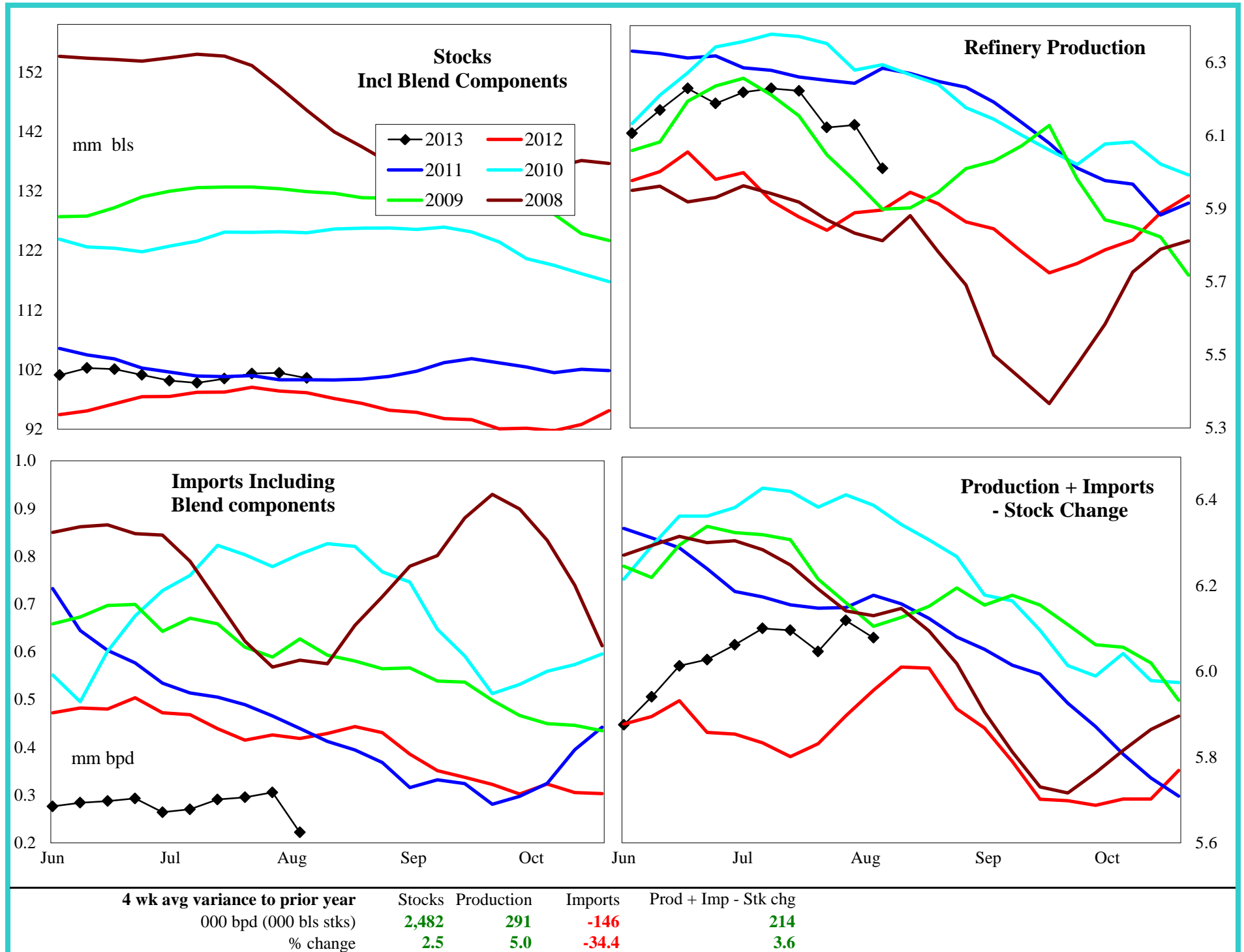
United States Gasoline Supply and Demand Balance



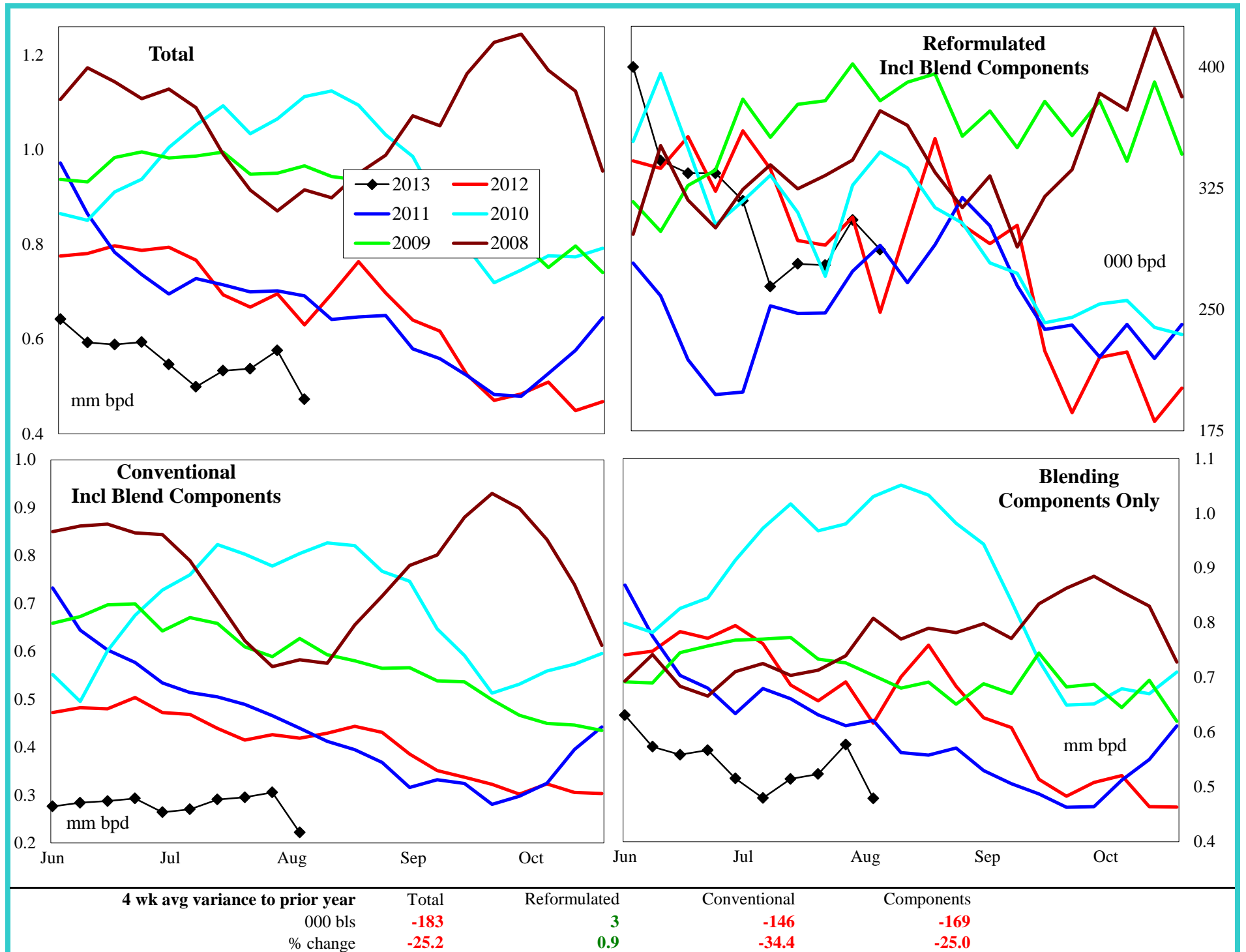
United States Reformulated Gasoline Supply



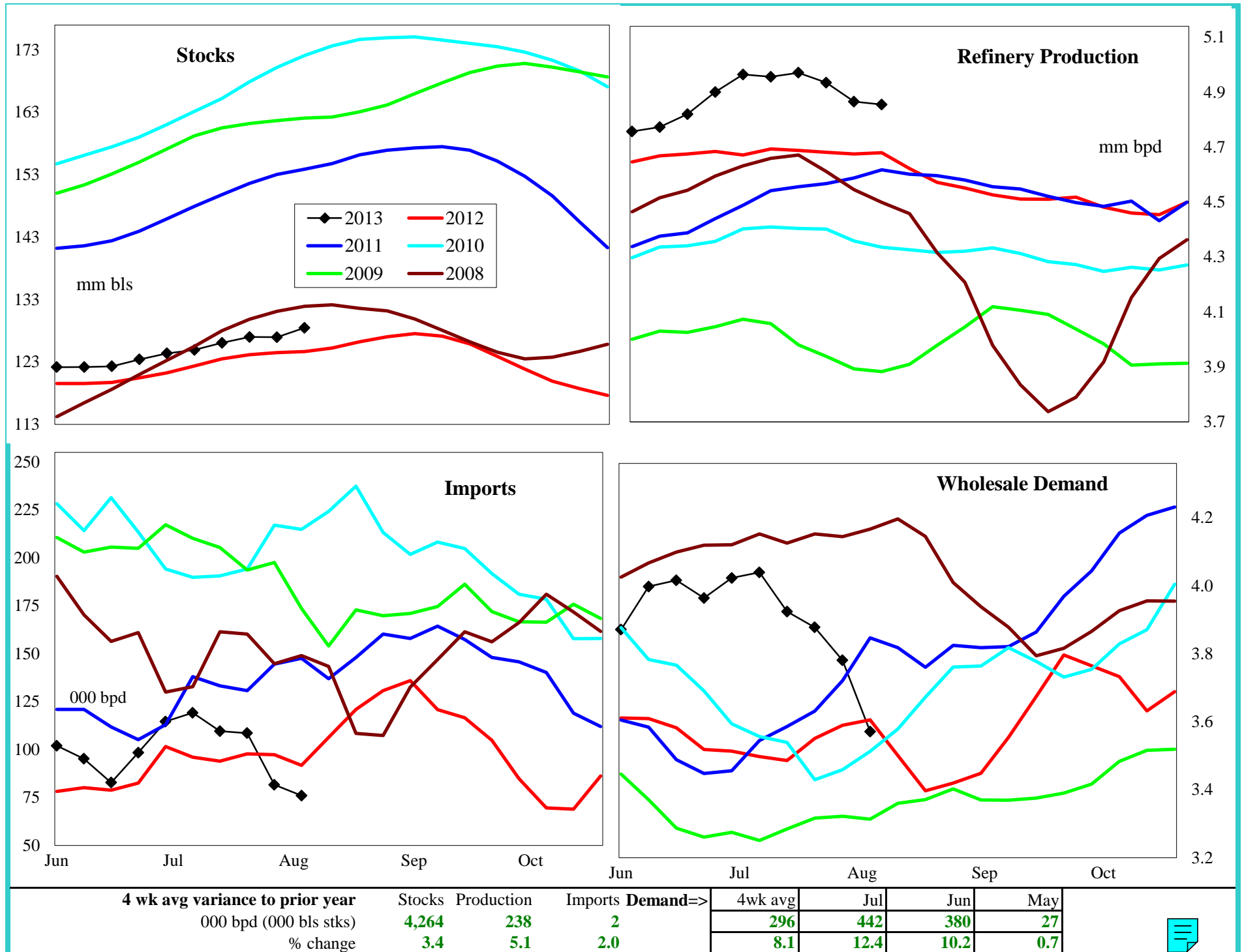
United States Conventional Gasoline Supply



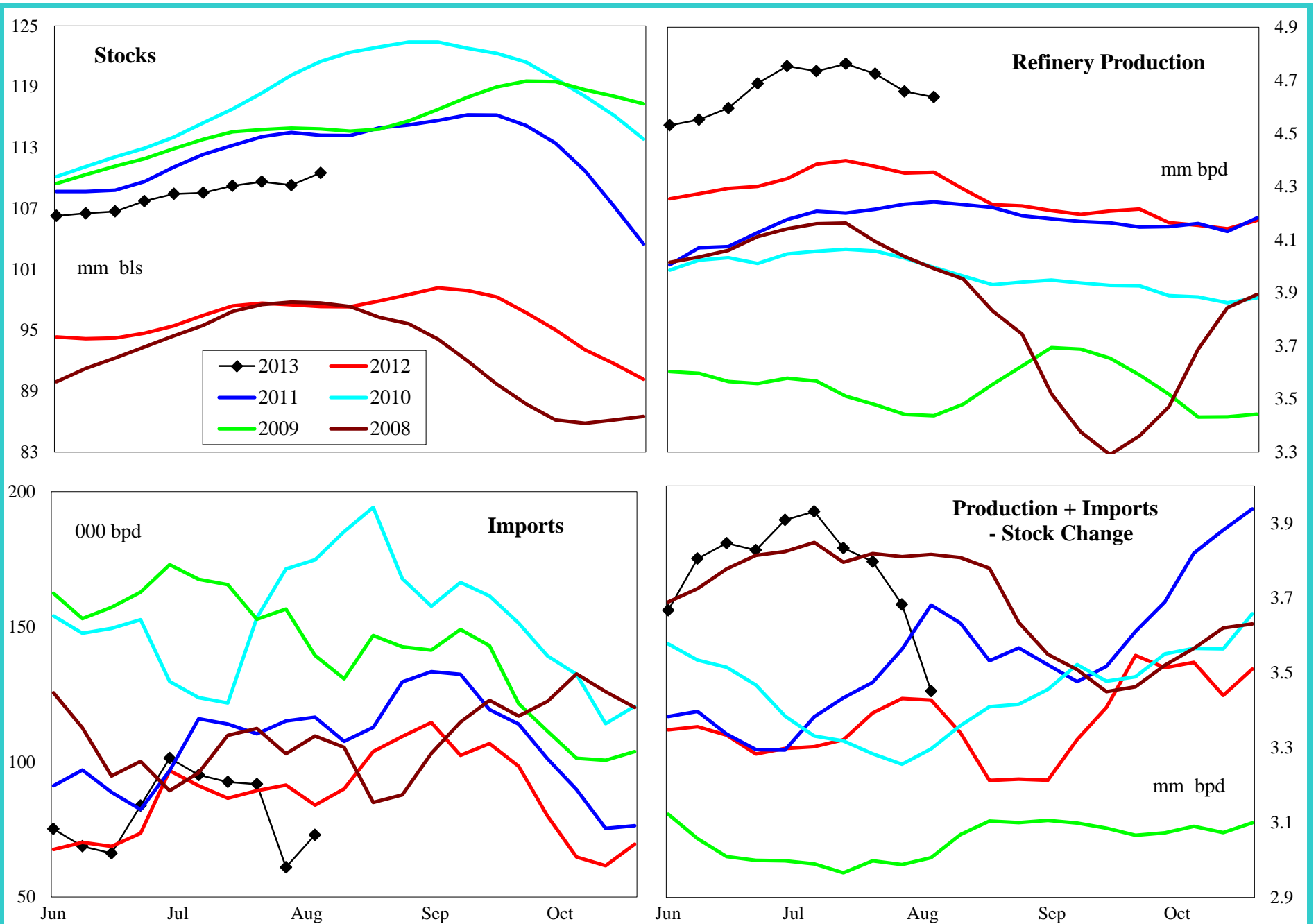
United States Gasoline Imports by Type



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

13,845

14.3

Production

329

7.5

Imports

-11

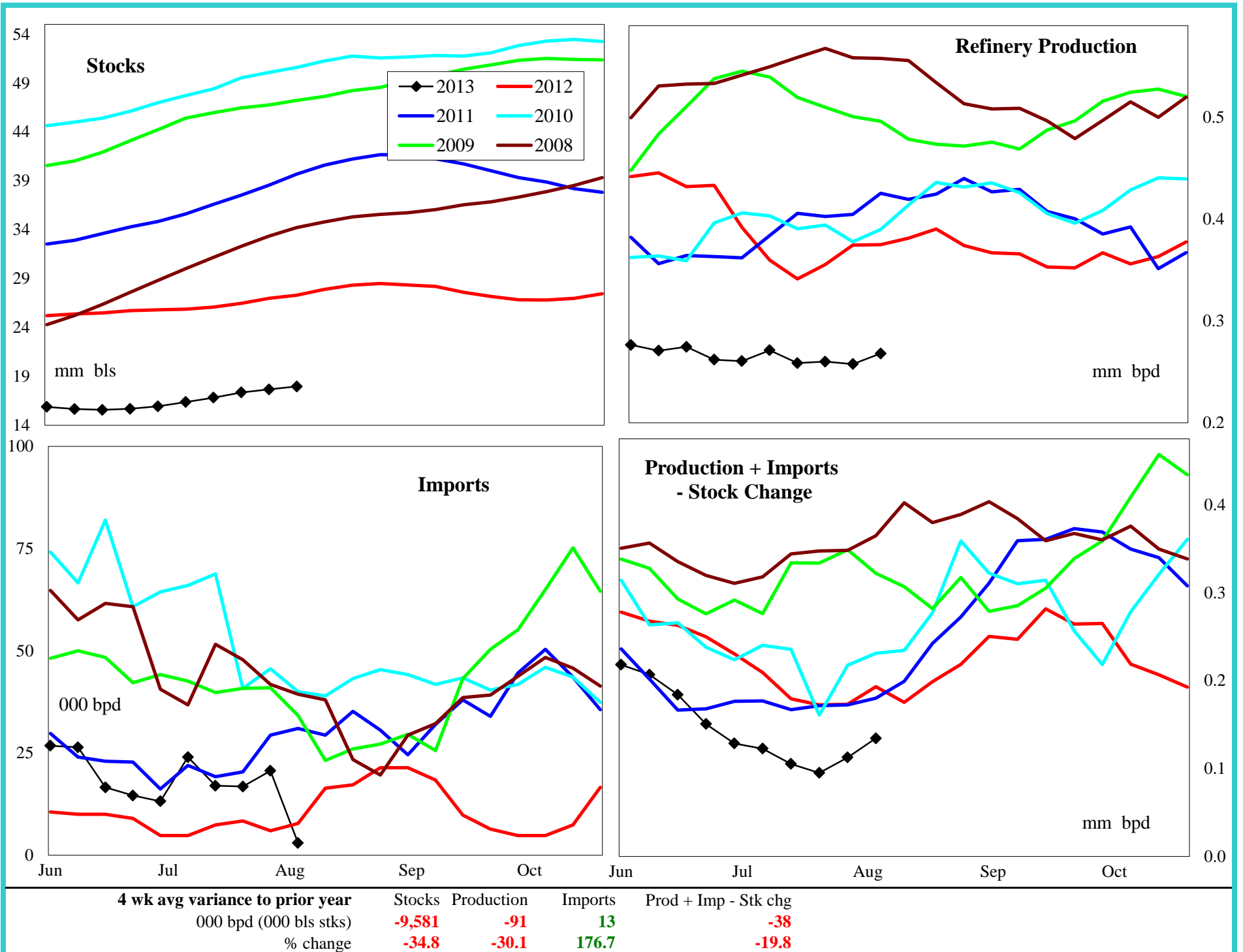
-12.0

Prod + Imp - Stk chg

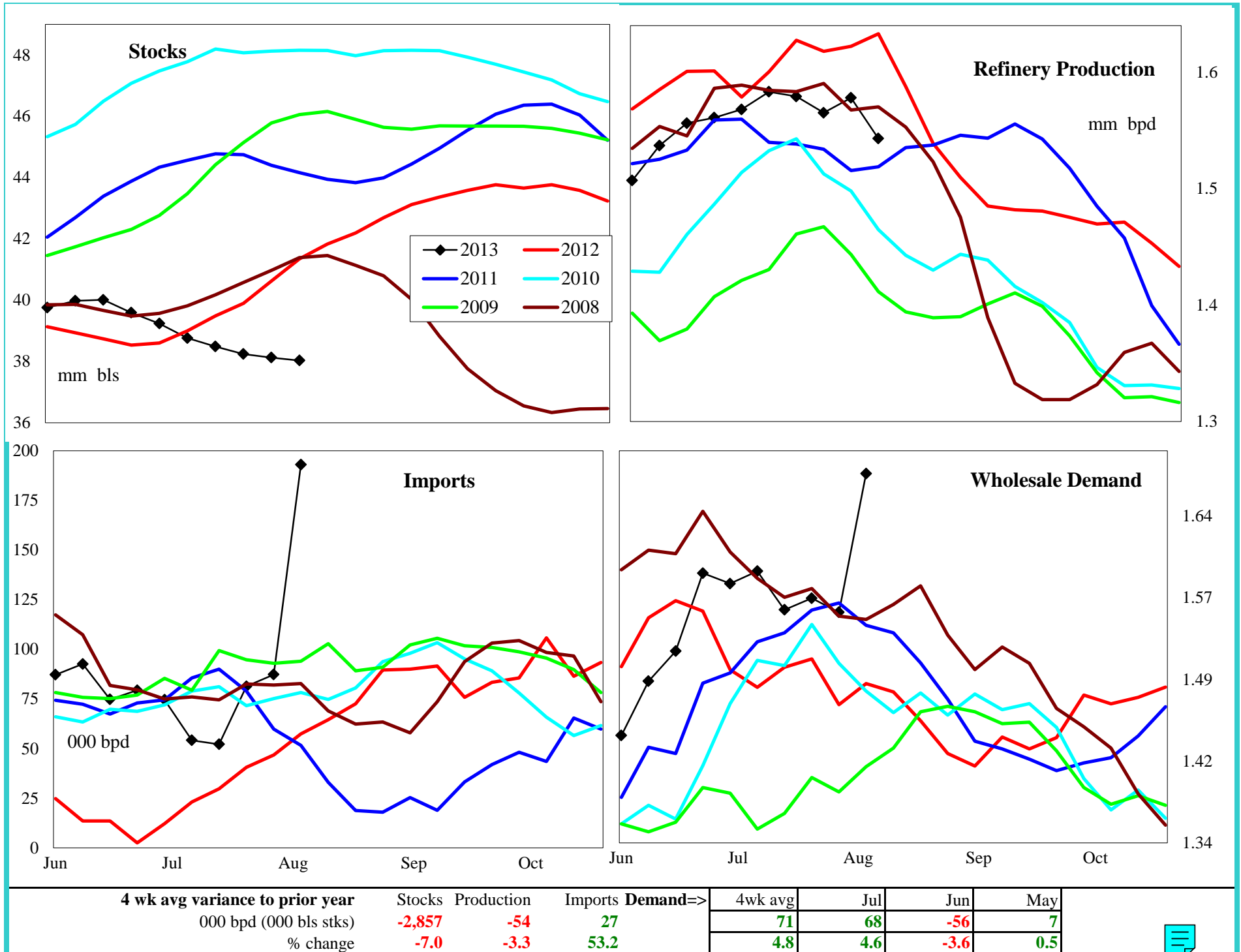
334

9.7

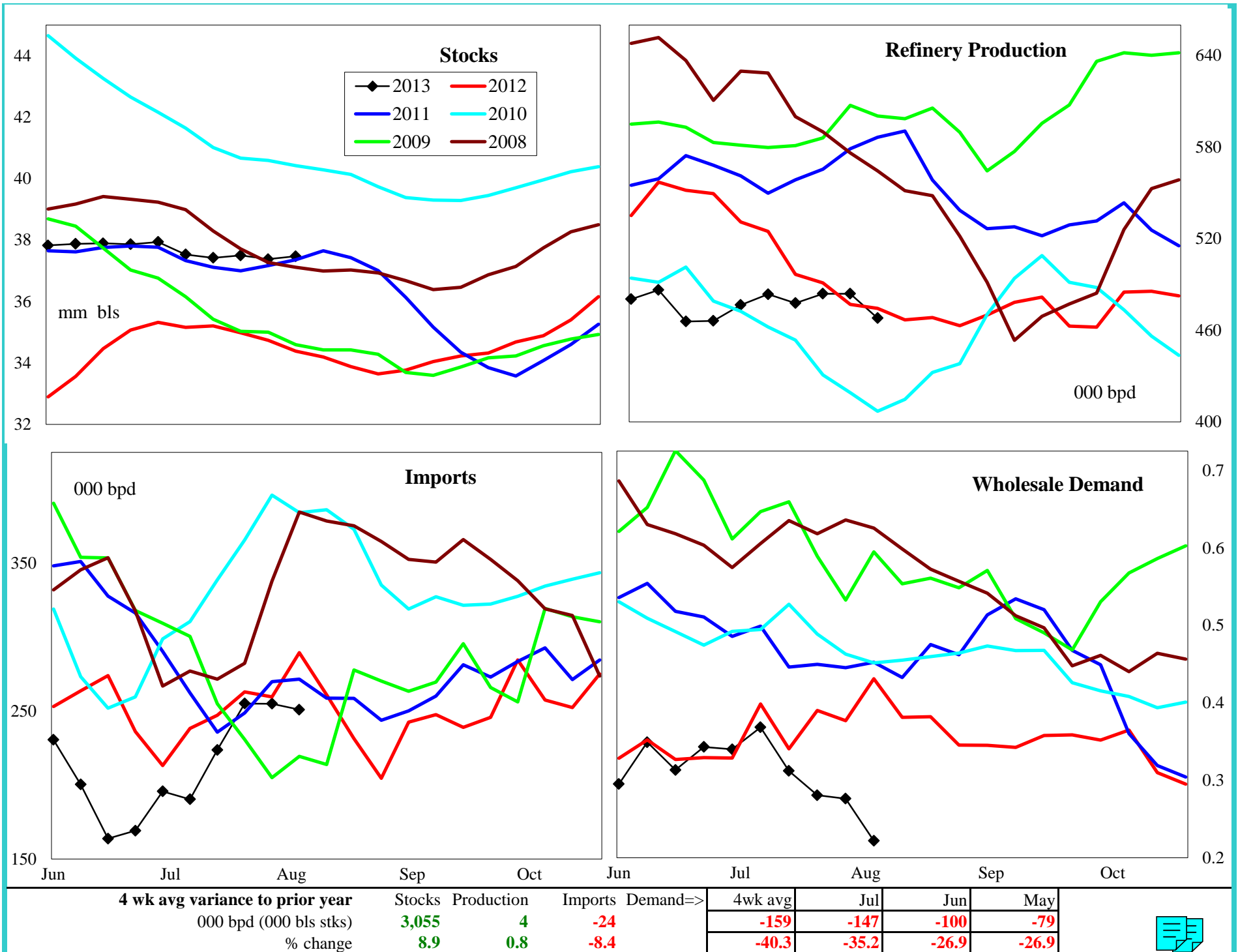
United States High Sulfur Distillate Supply



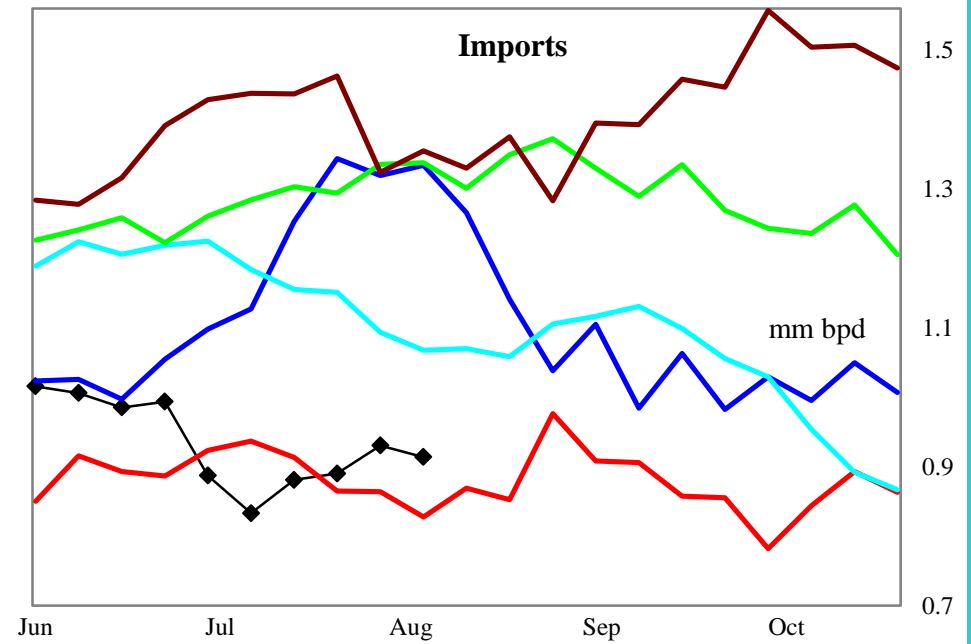
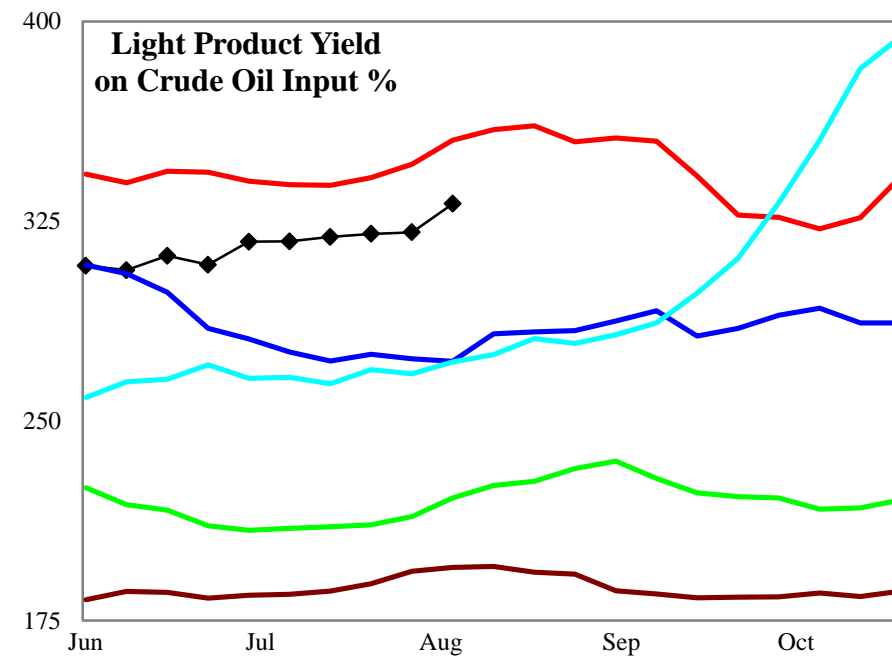
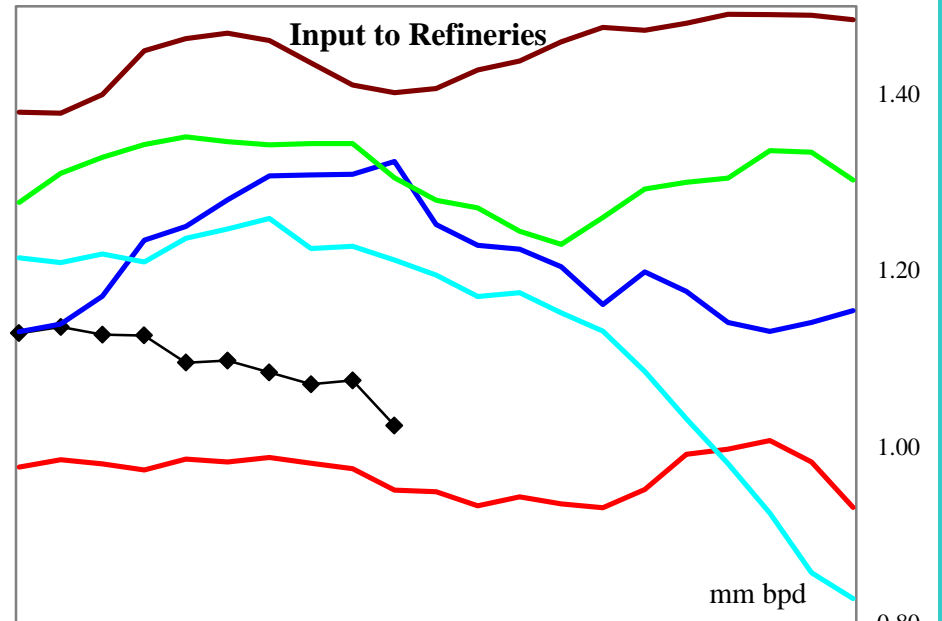
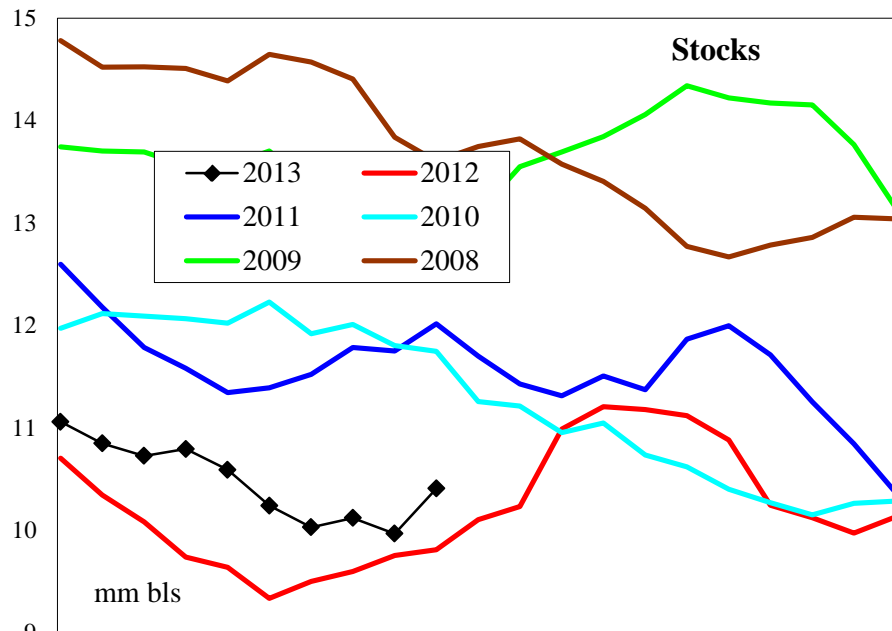
United States Jet Fuel Supply and Demand Balance



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 bbls stks)

% change

Stocks

599

5.9

Input

72

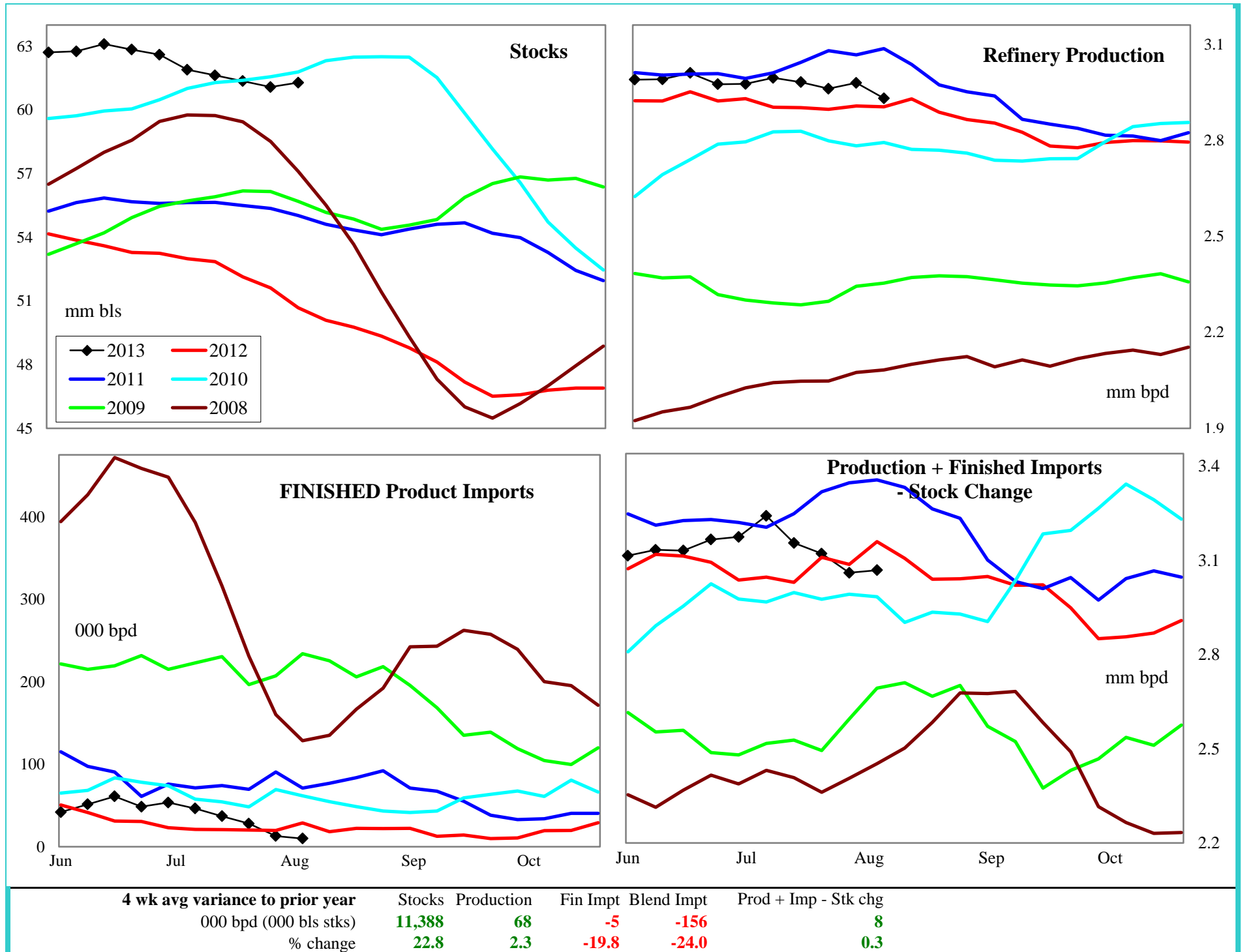
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Imports

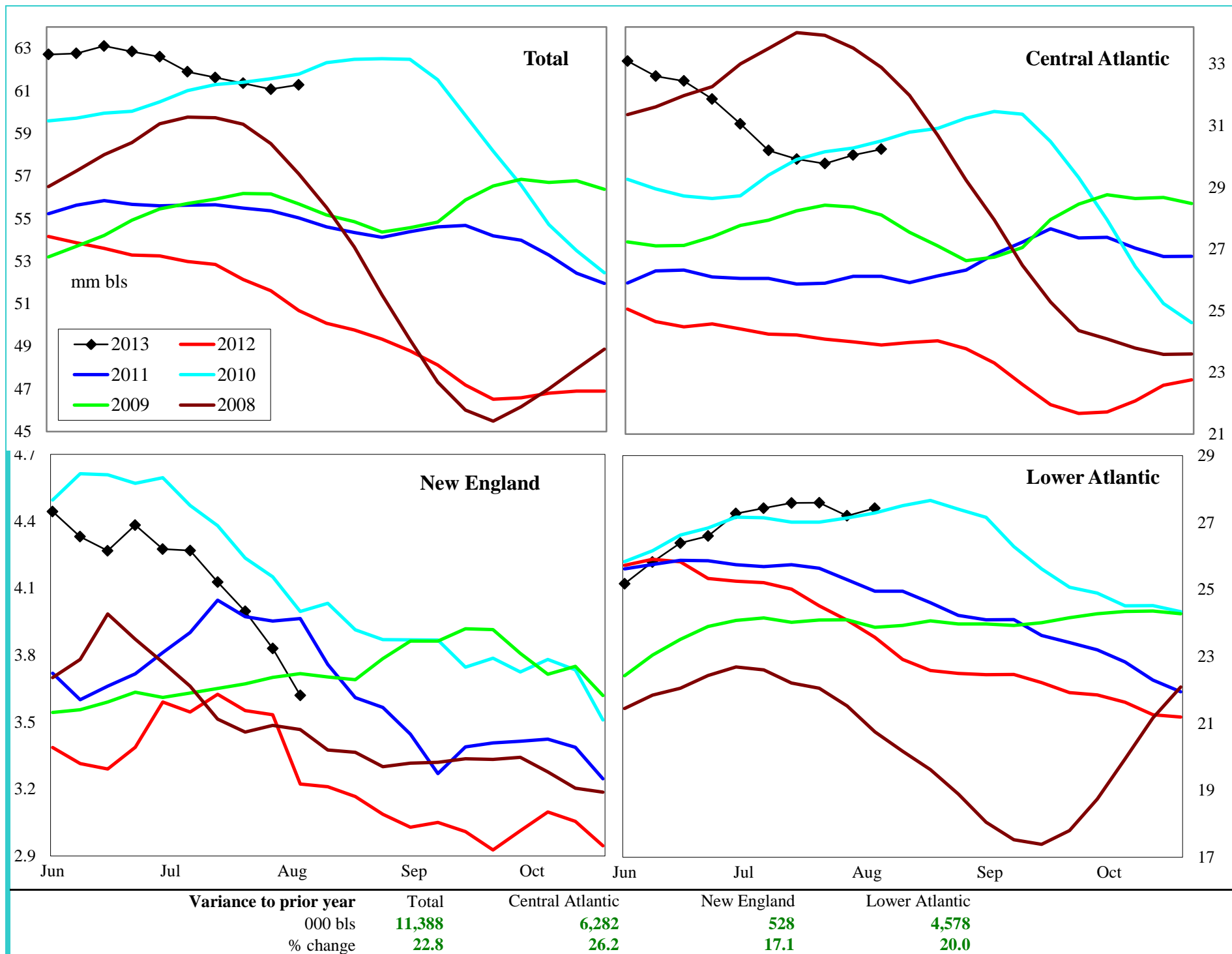
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2.6

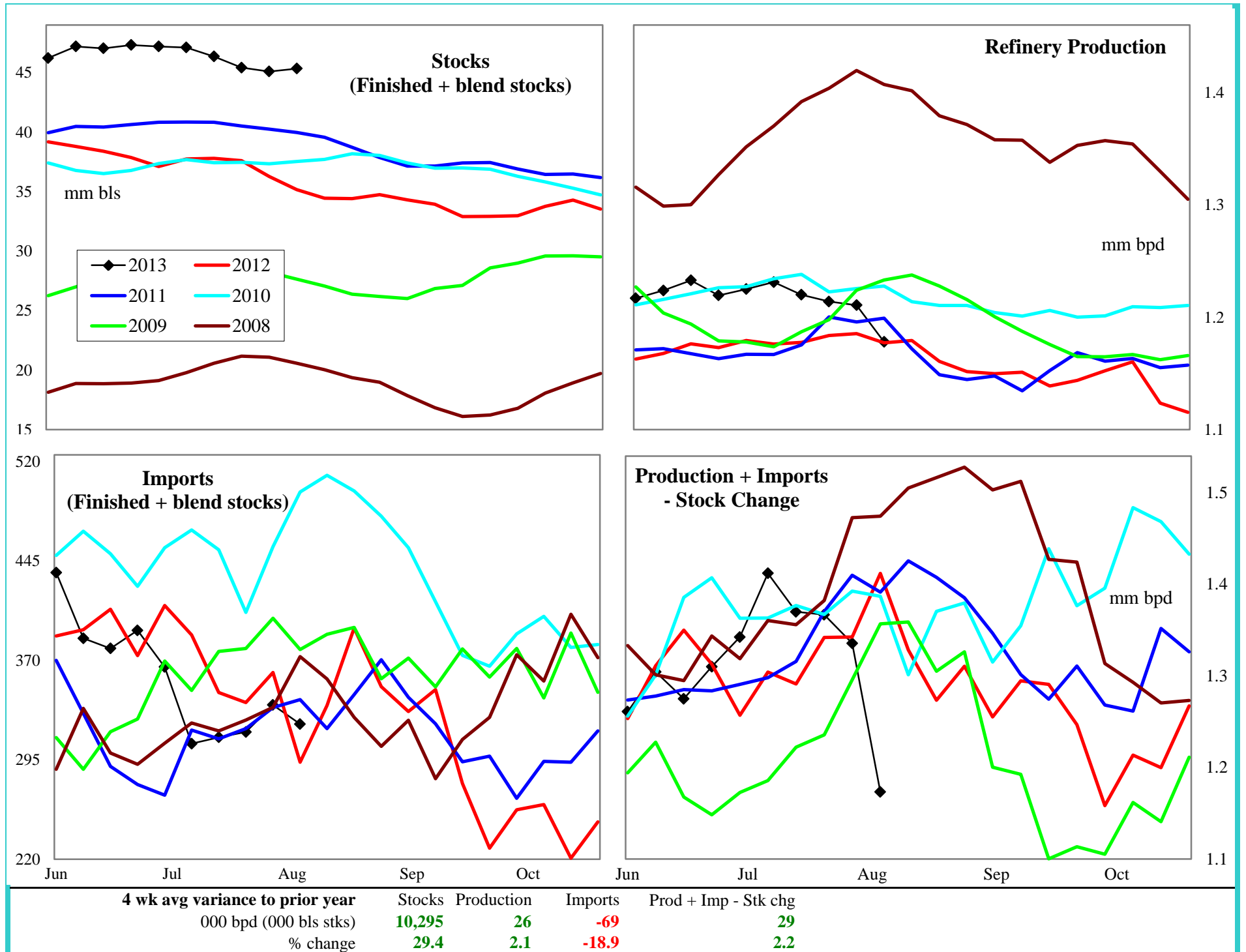
PADD 1 Gasoline Supply



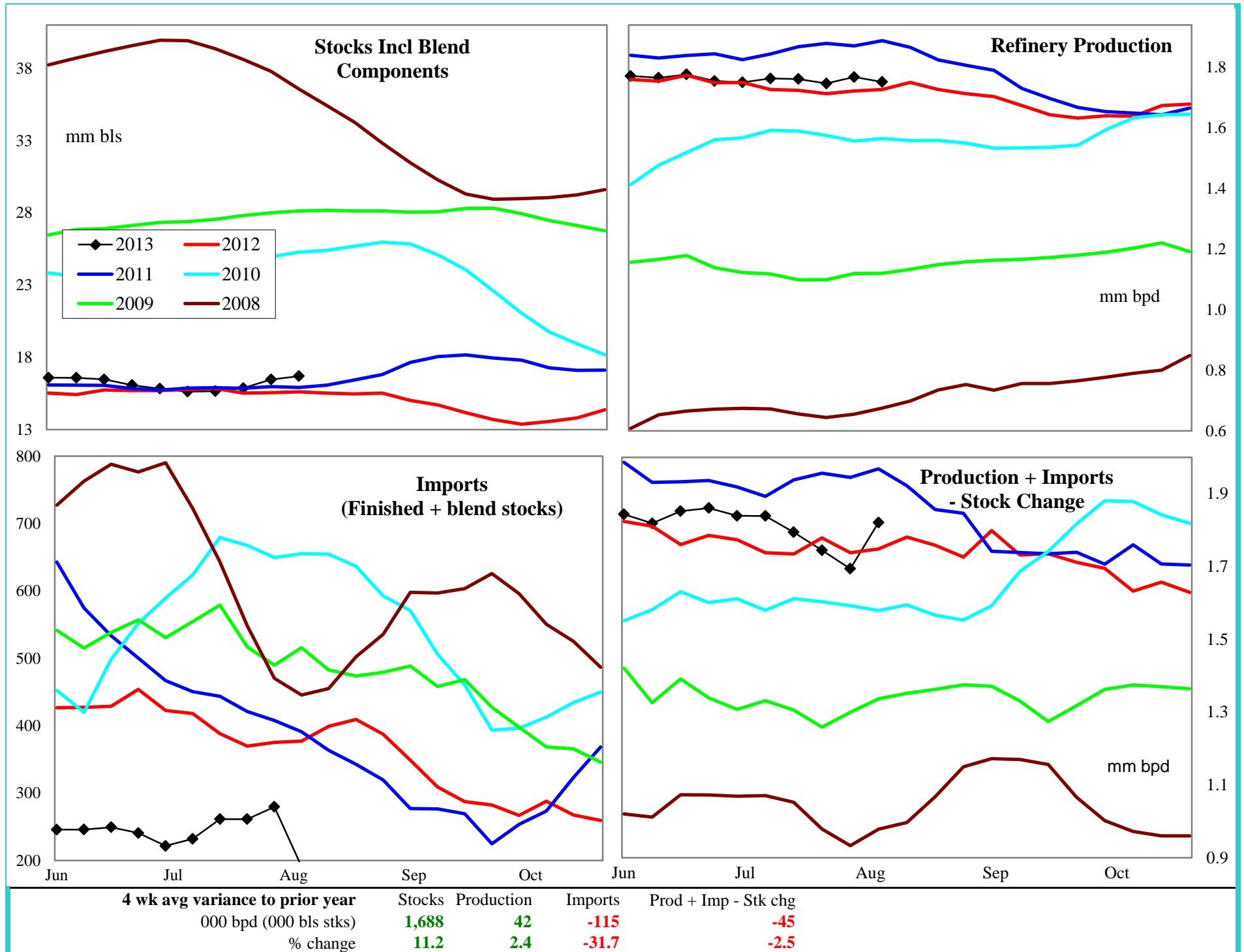
PADD 1 Gasoline Stocks by Region



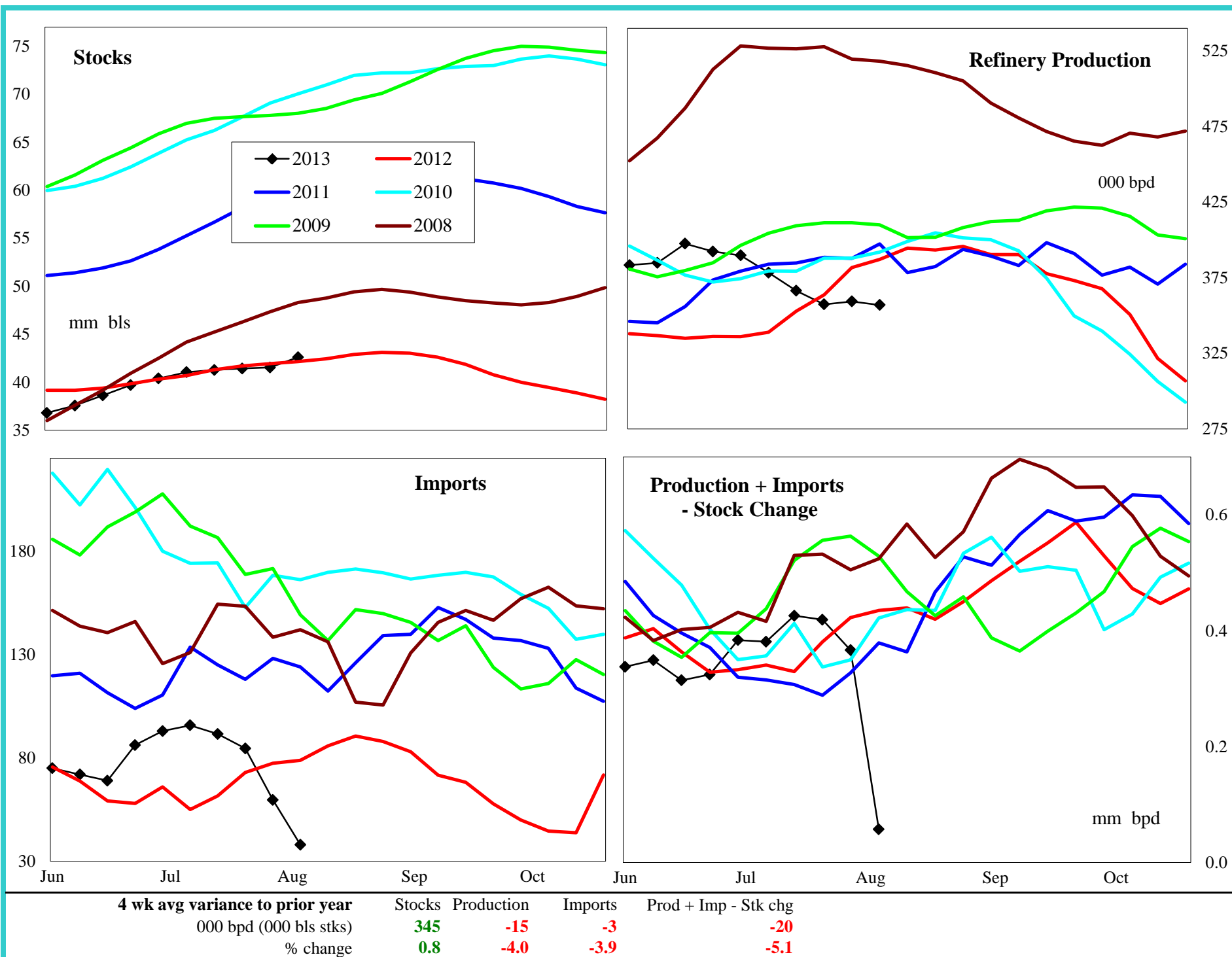
PADD 1 Reformulated Gasoline Supply



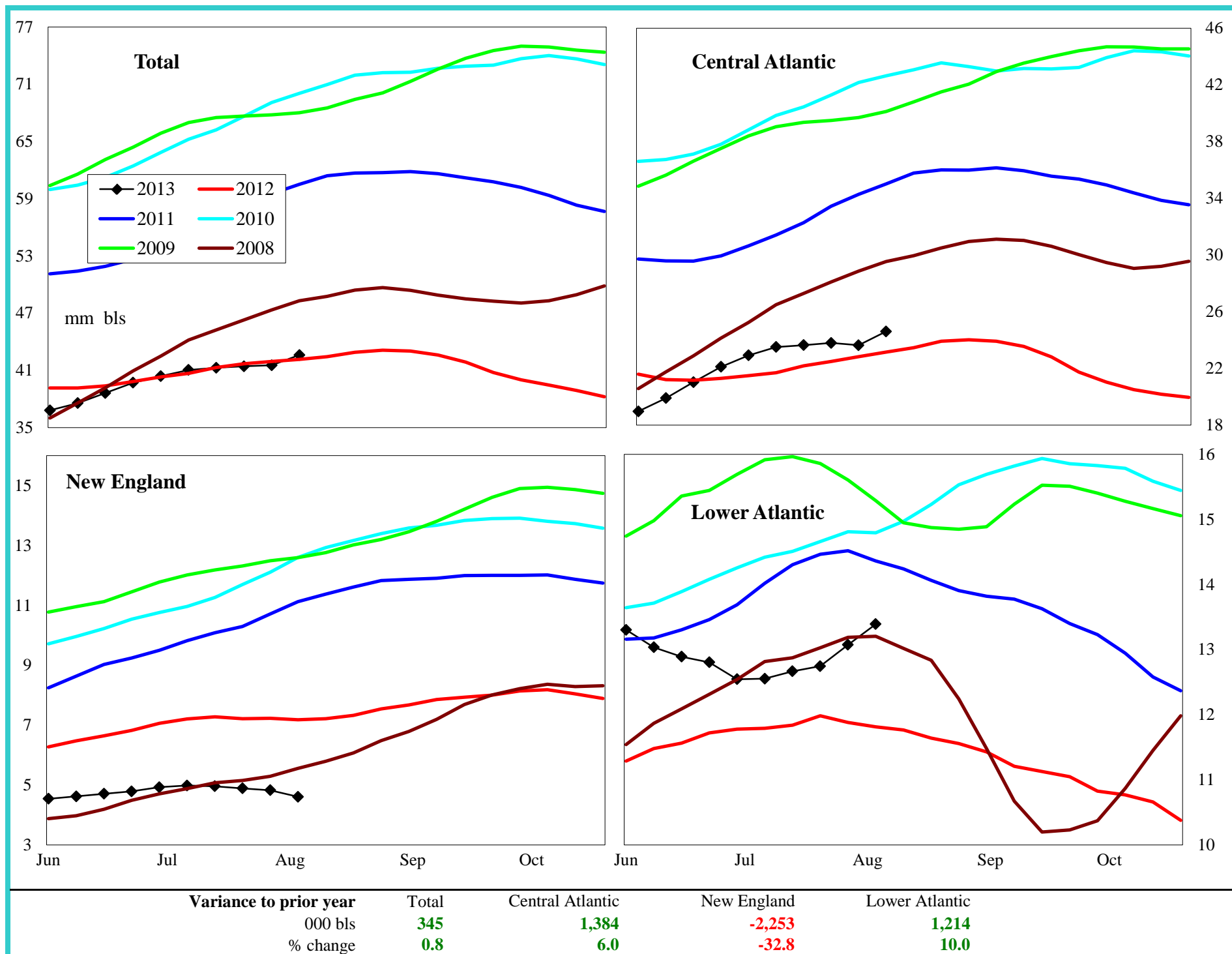
PADD 1 Conventional Gasoline Supply



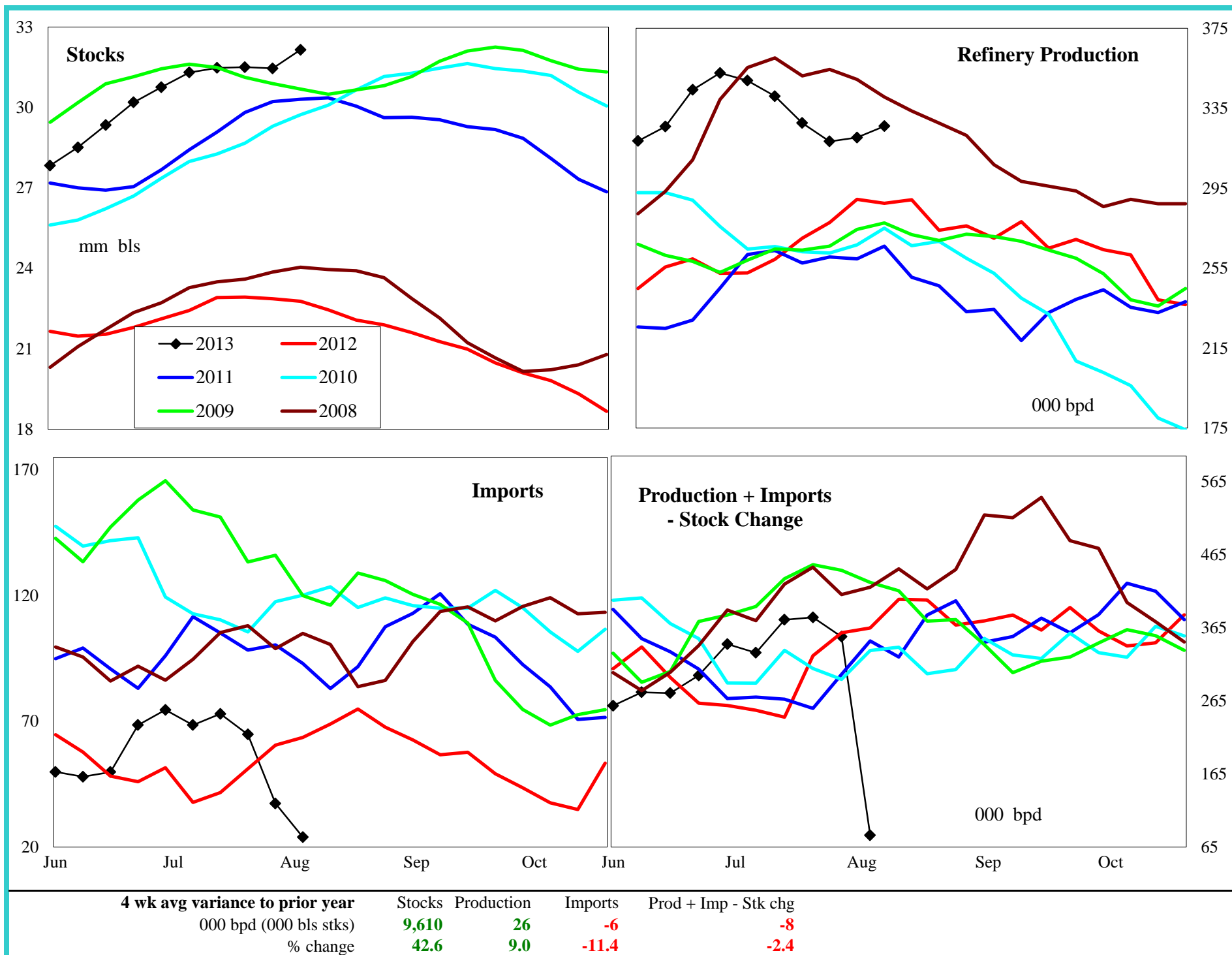
PADD 1 Distillate Supply



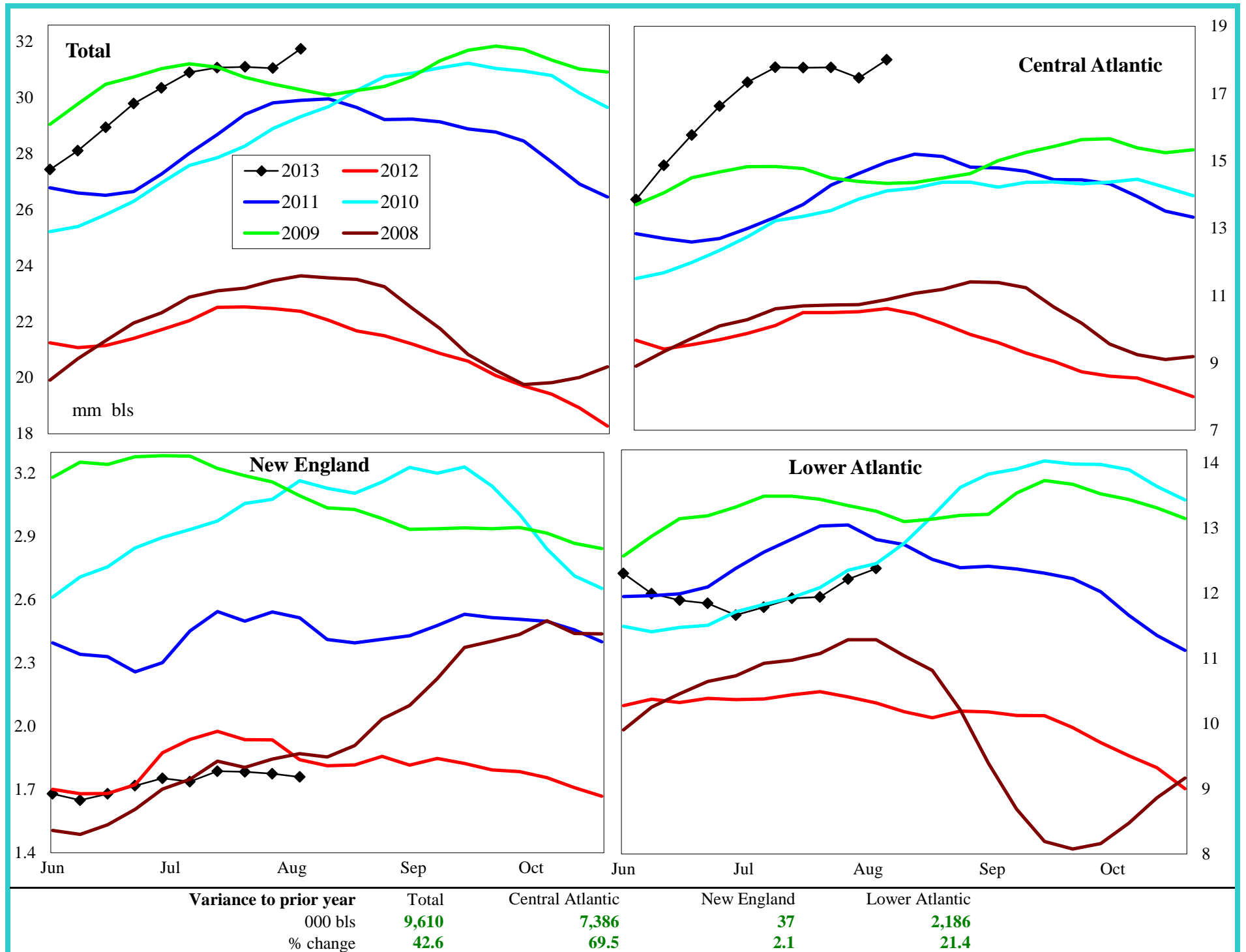
PADD 1 Distillate Stocks by Region



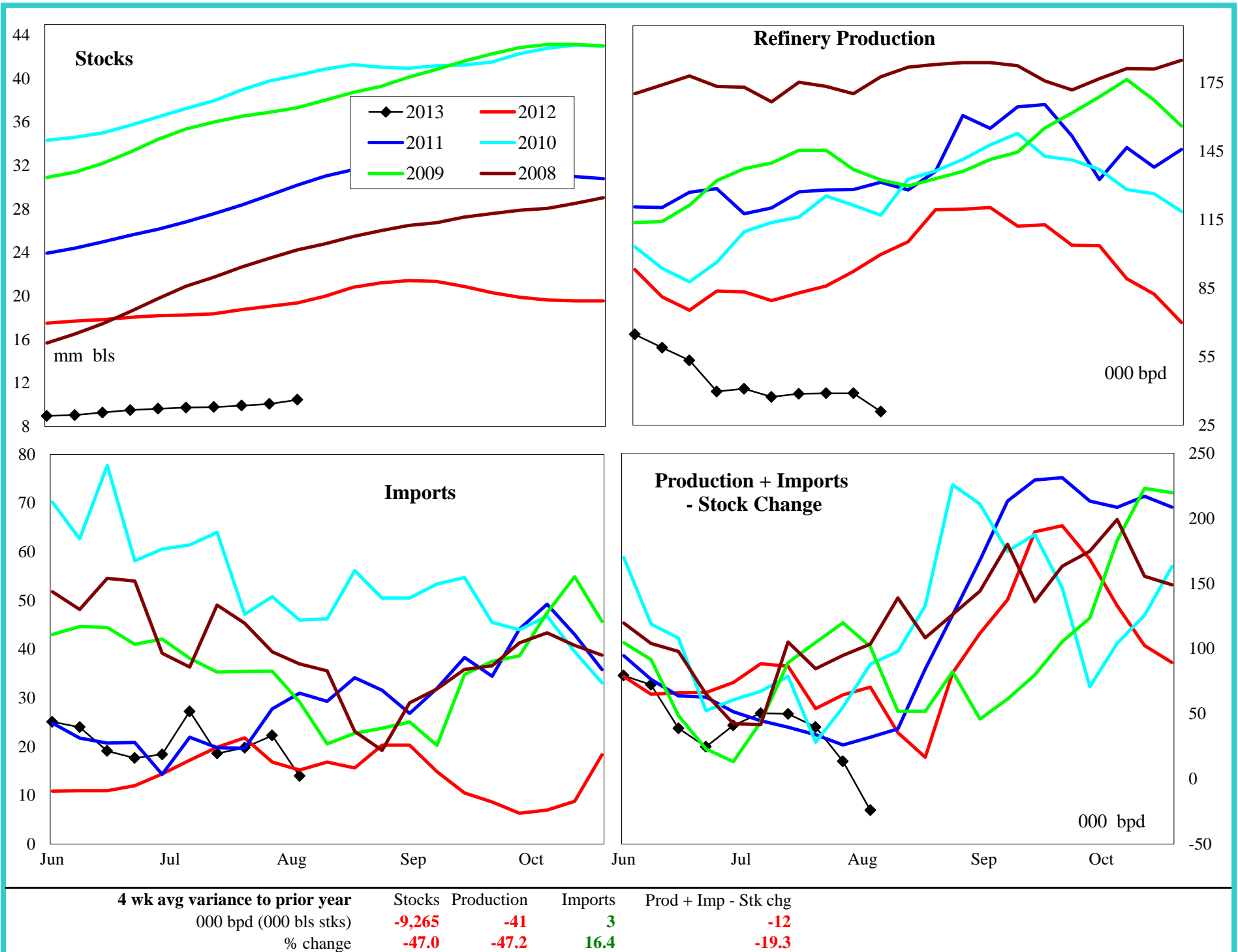
PADD 1 Low Sulfur Distillate Supply



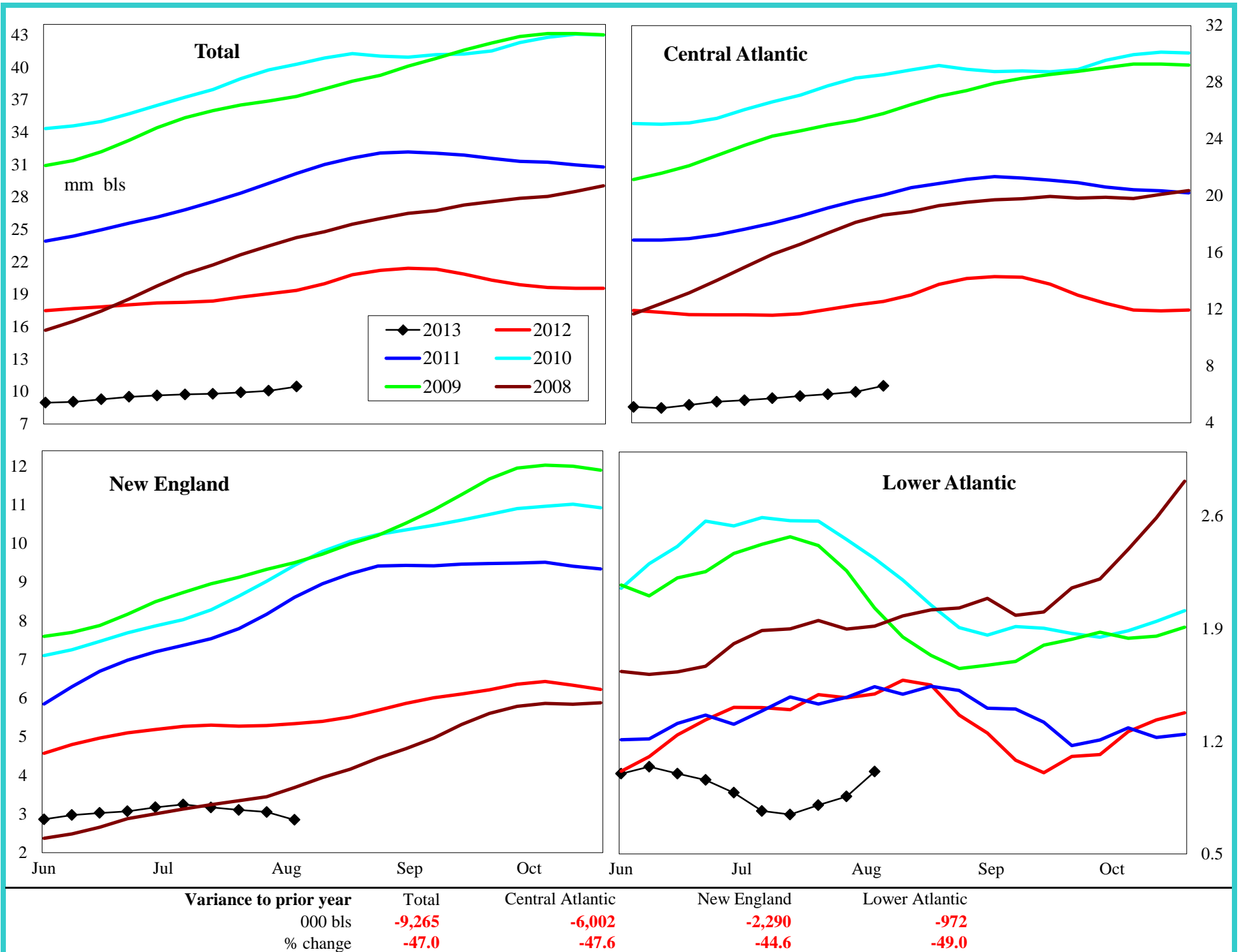
PADD 1 Low Sulfur Distillate Stocks by Region



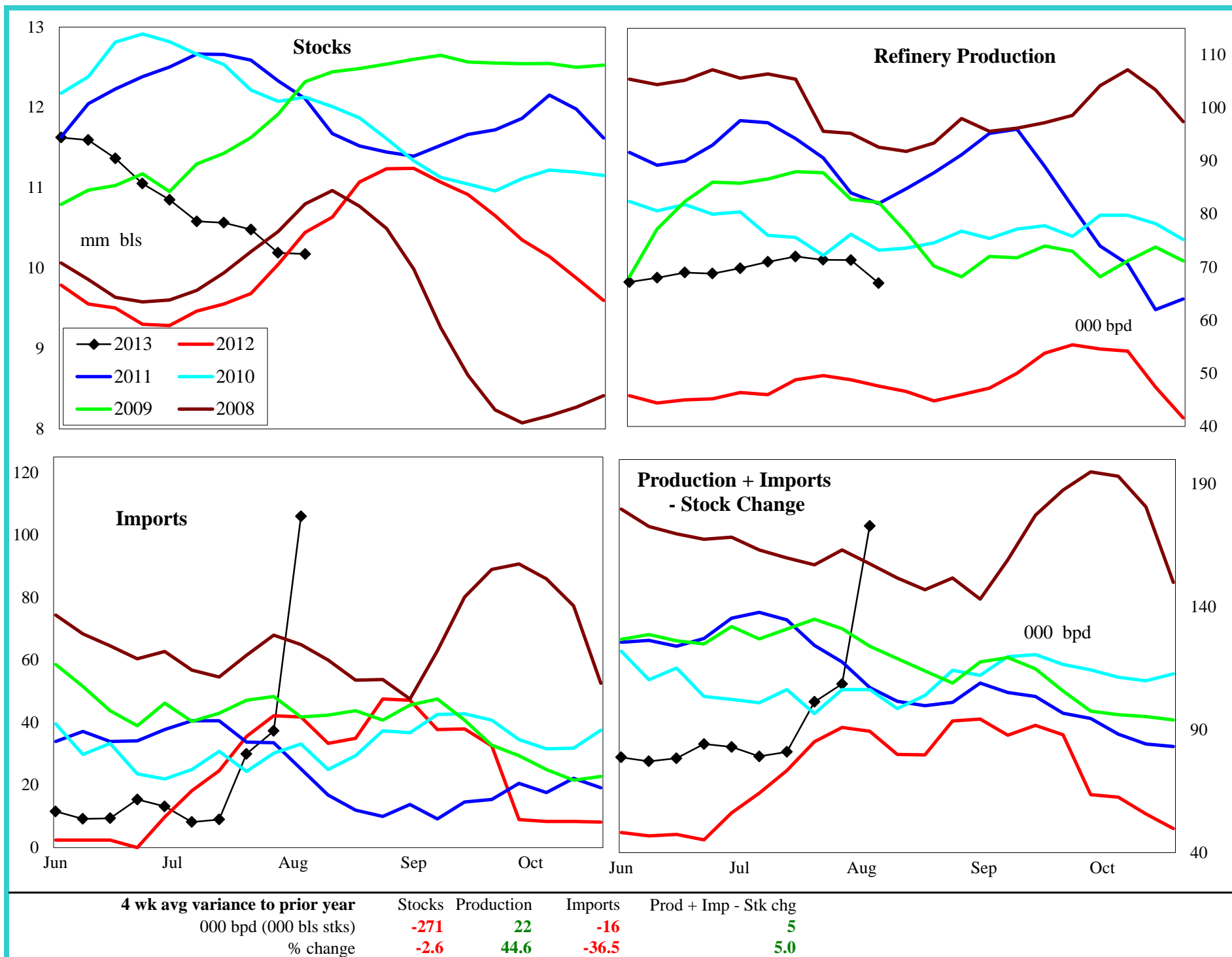
PADD 1 High Sulfur Distillate Supply



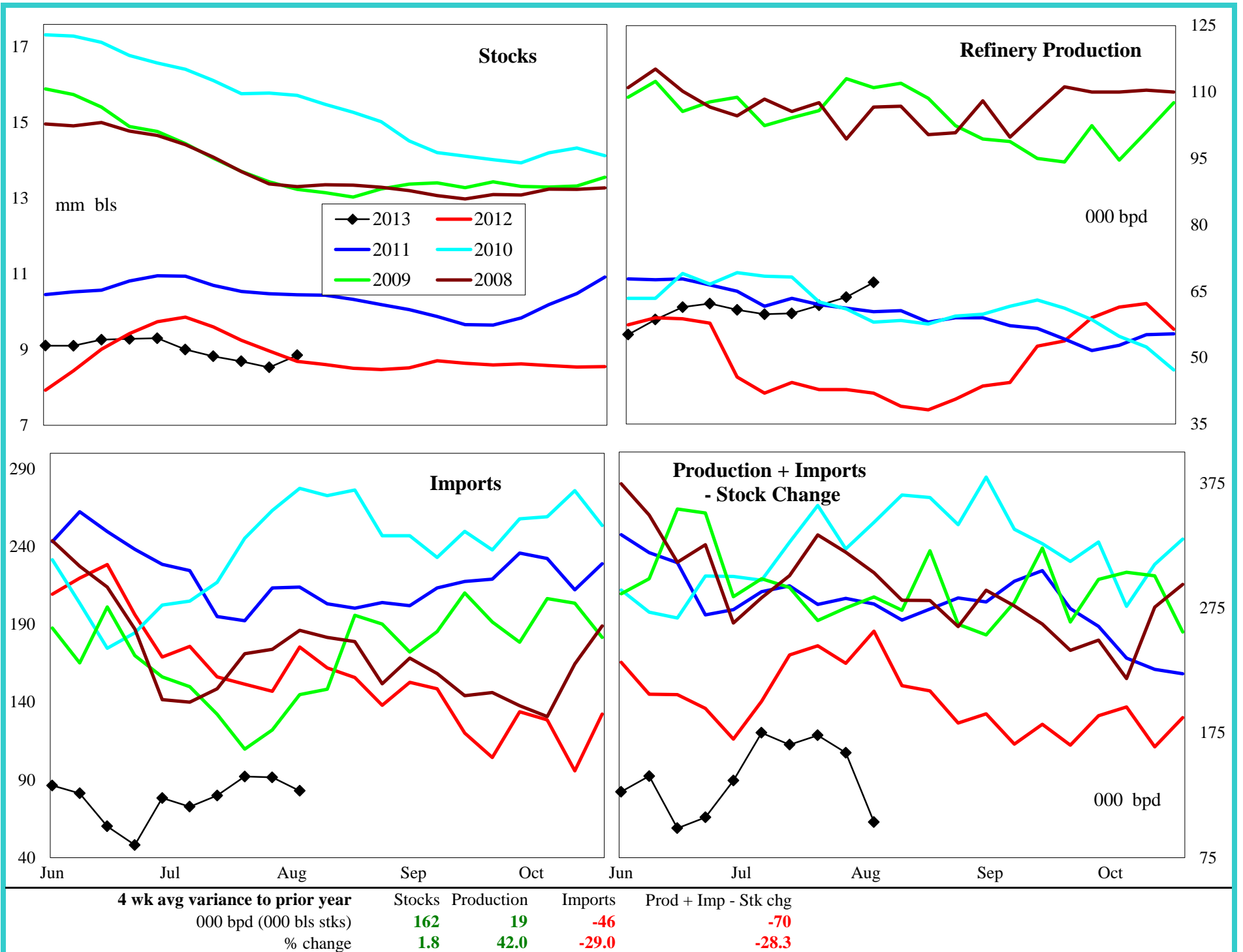
PADD 1 High Sulfur Distillate Stocks by Region



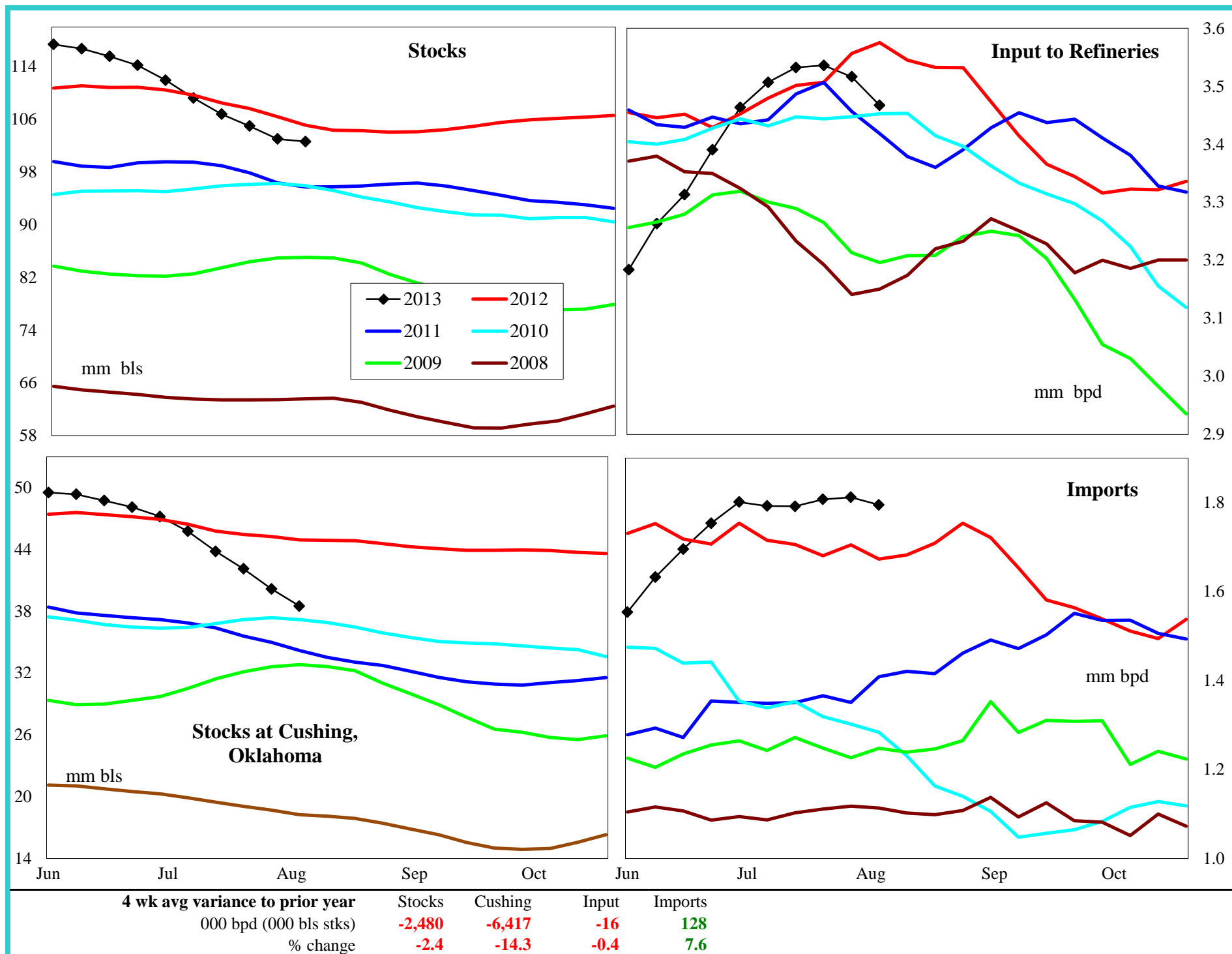
PADD 1 Jet Fuel Supply



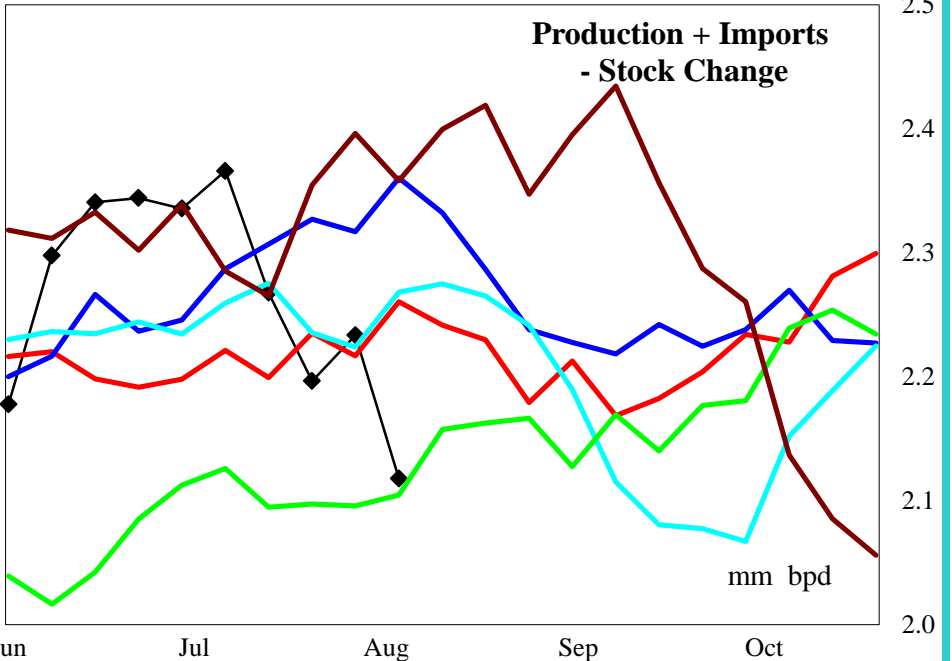
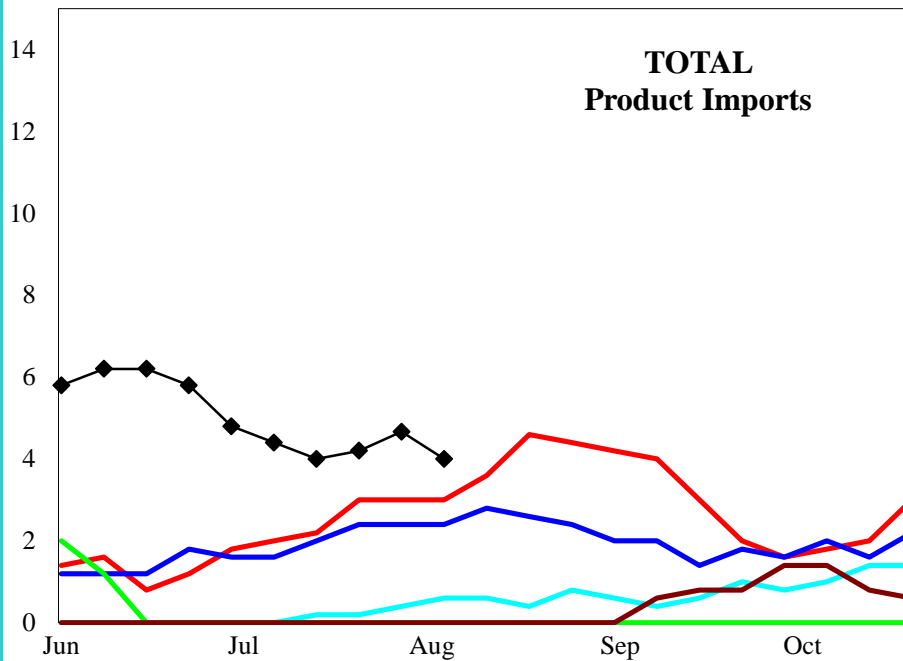
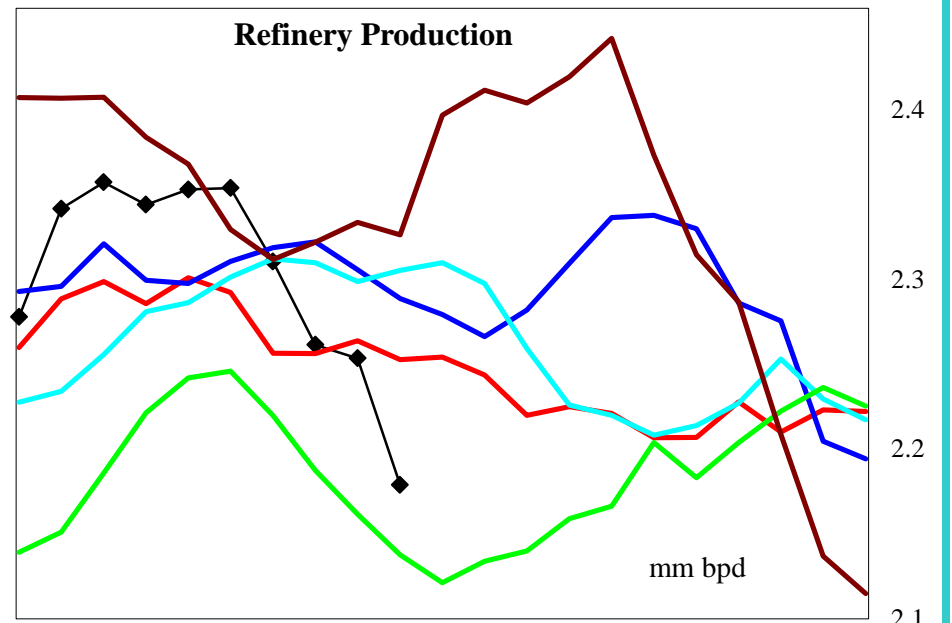
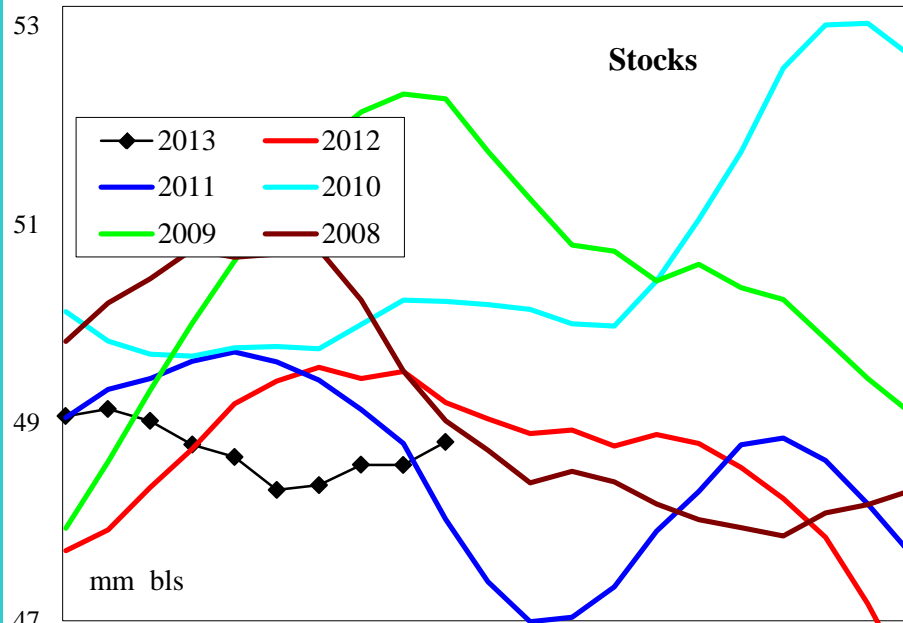
PADD 1 Residual Fuel Oil Supply



PADD 2 Crude Oil Supply and Refining



PADD 2 Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

-399

-2

1

-40

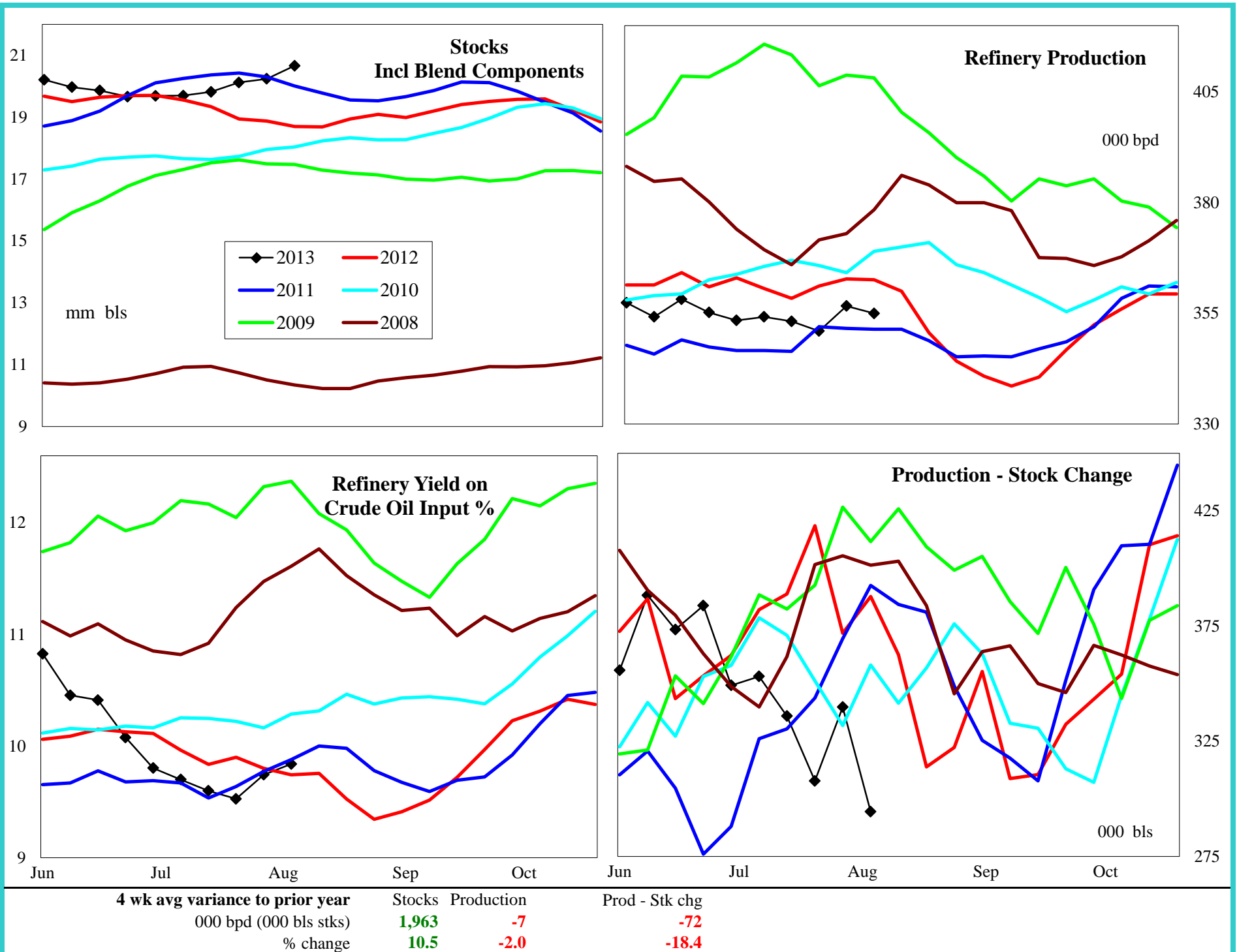
-0.8

-0.1

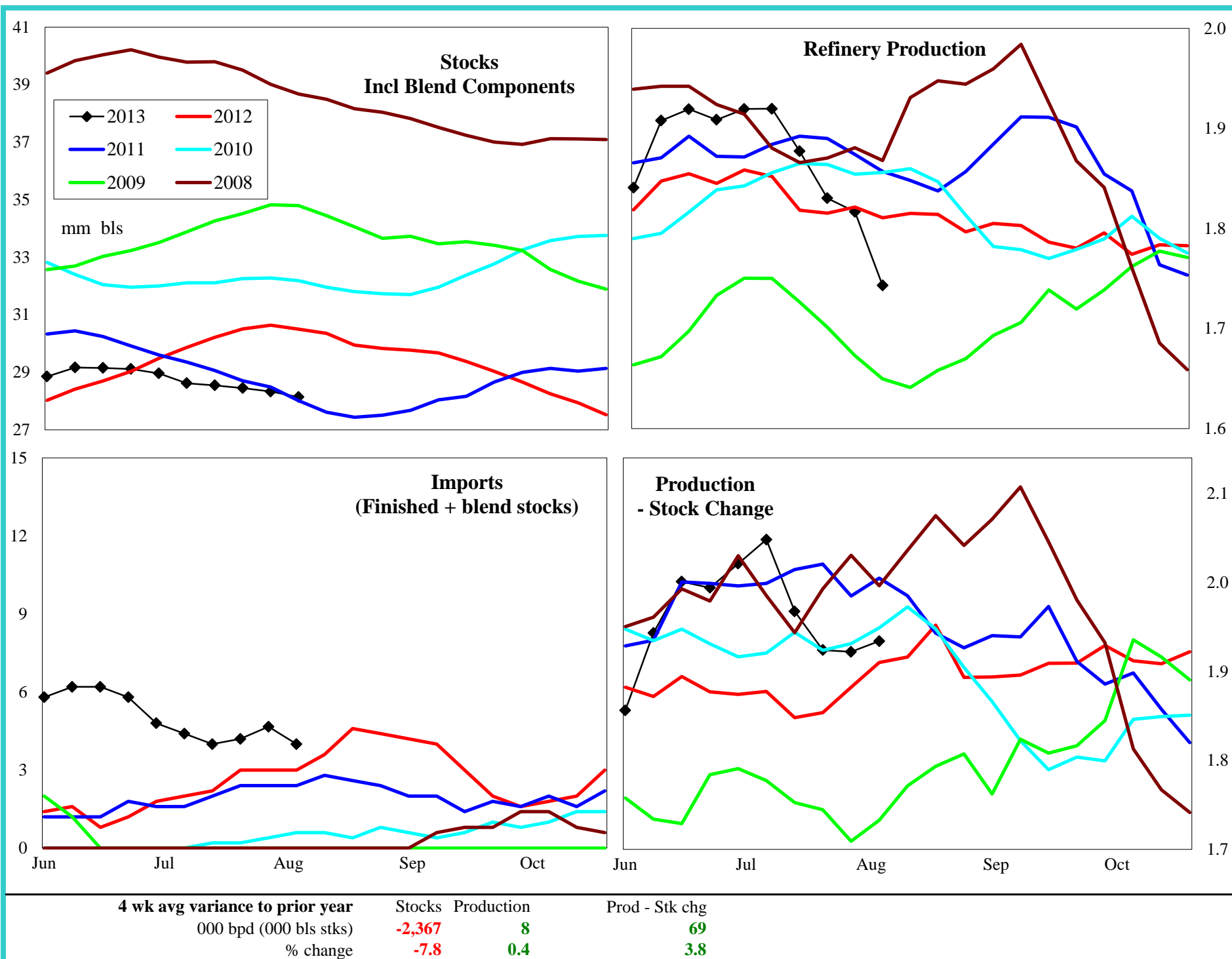
41.7

-1.8

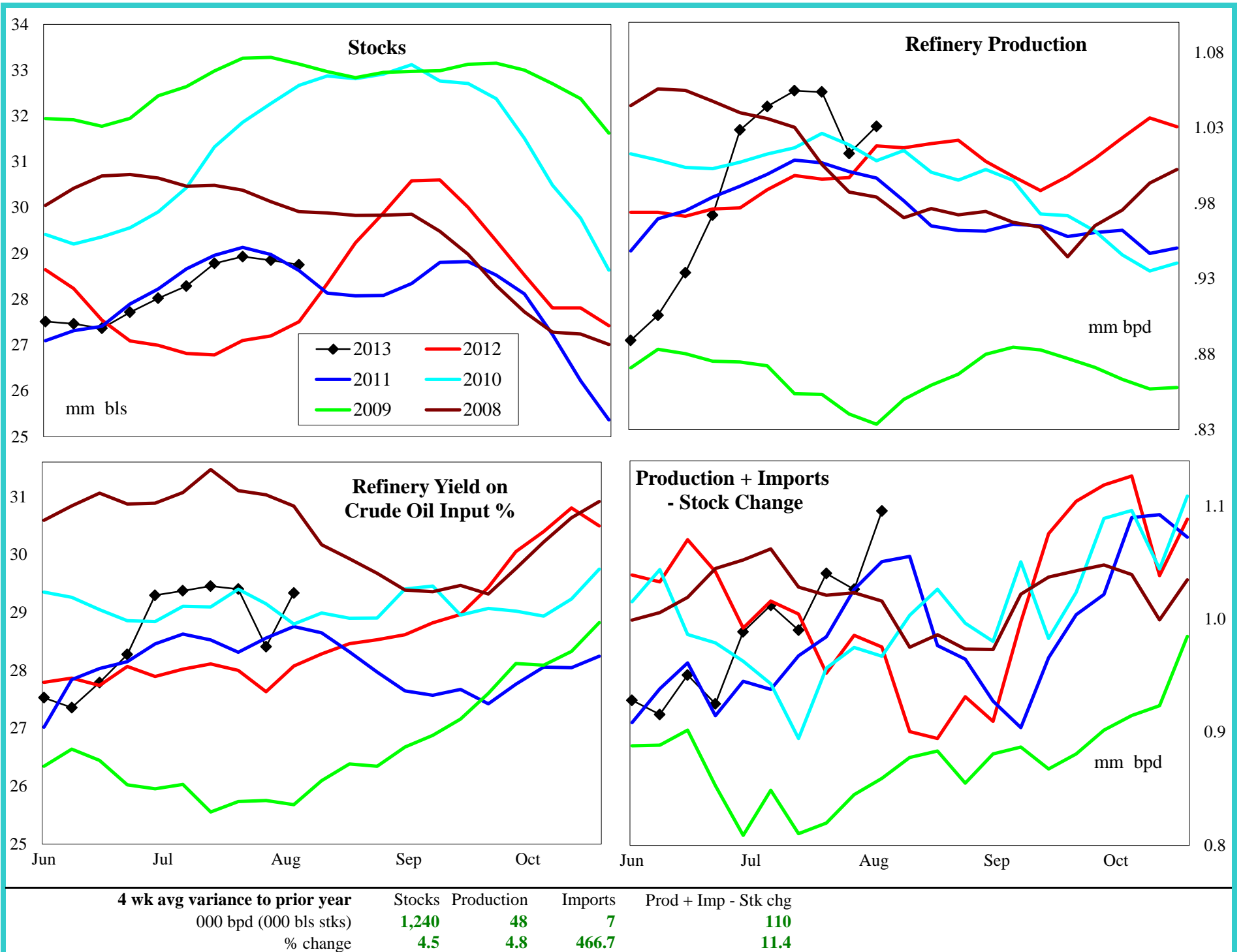
PADD 2 Reformulated Gasoline Supply



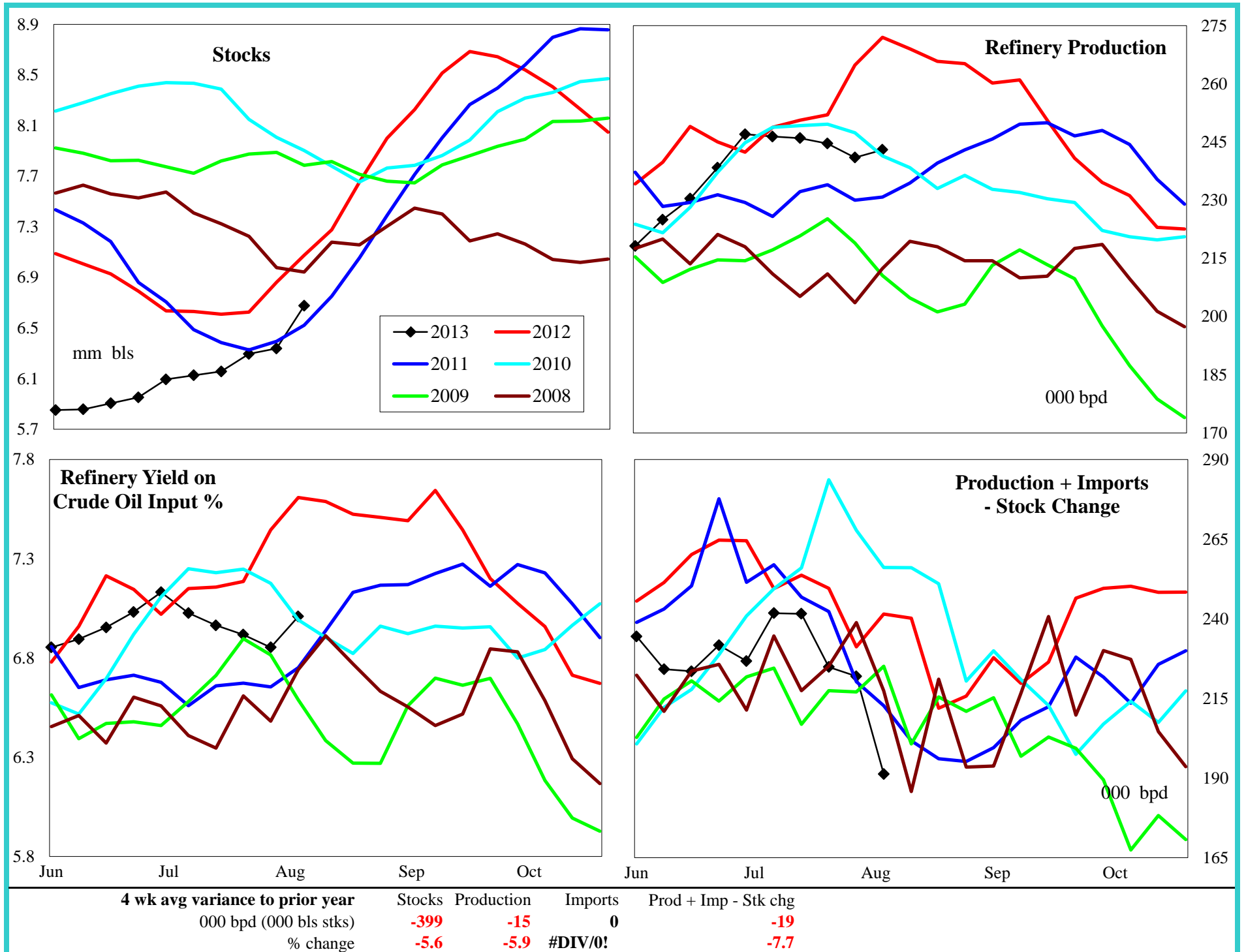
PADD 2 Conventional Gasoline Supply



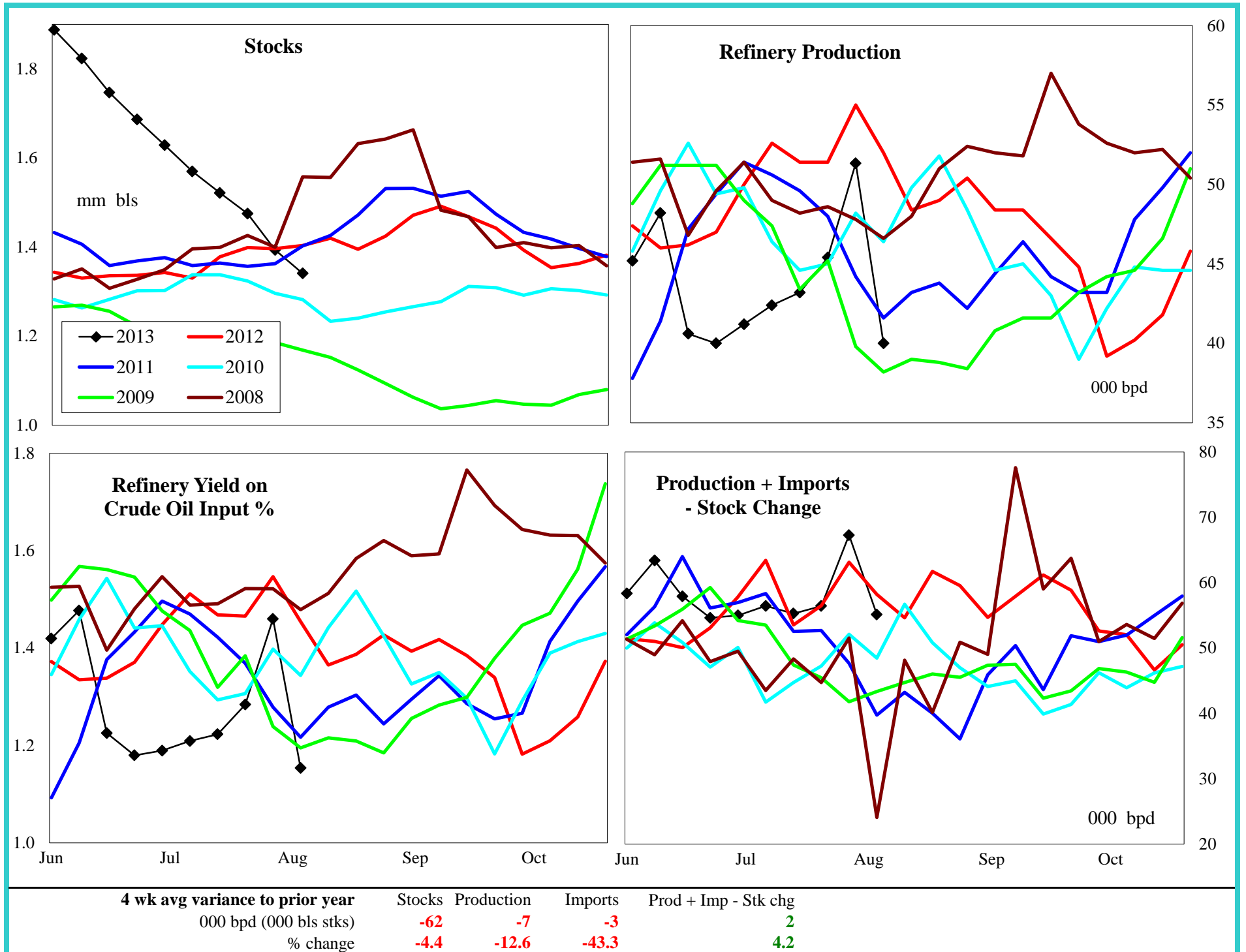
PADD 2 Distillate Supply



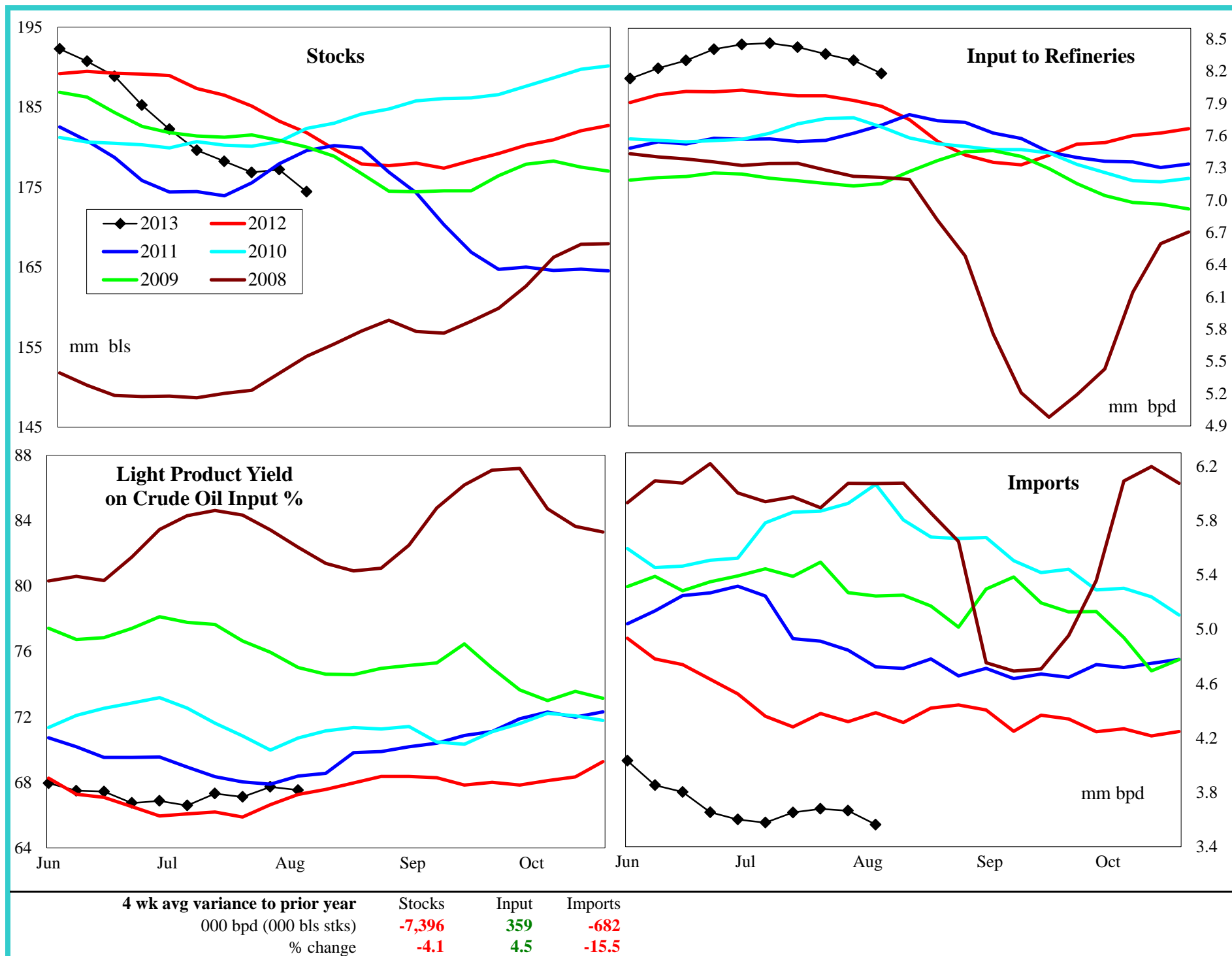
PADD 2 Jet Fuel Supply



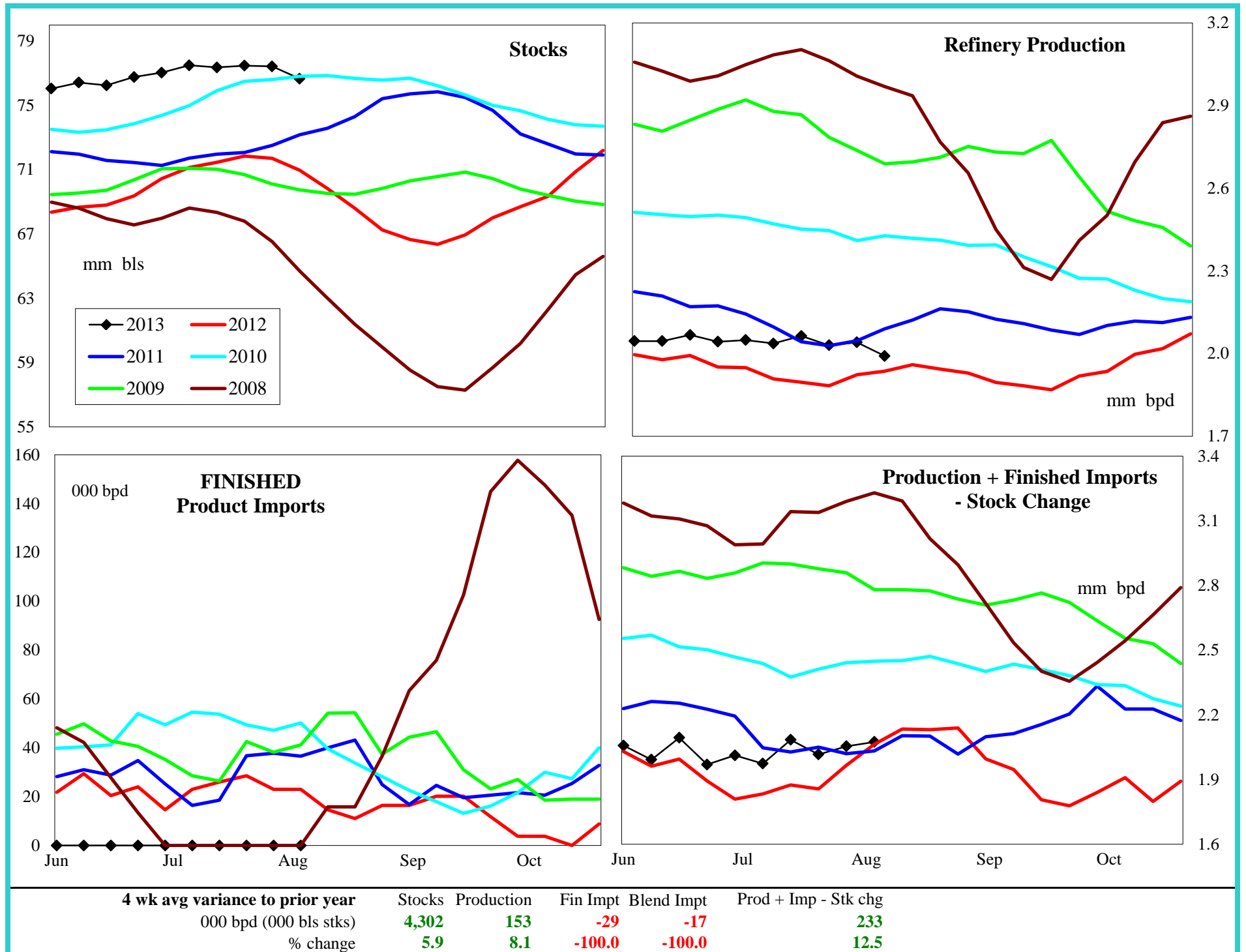
PADD 2 Residual Fuel Oil Supply



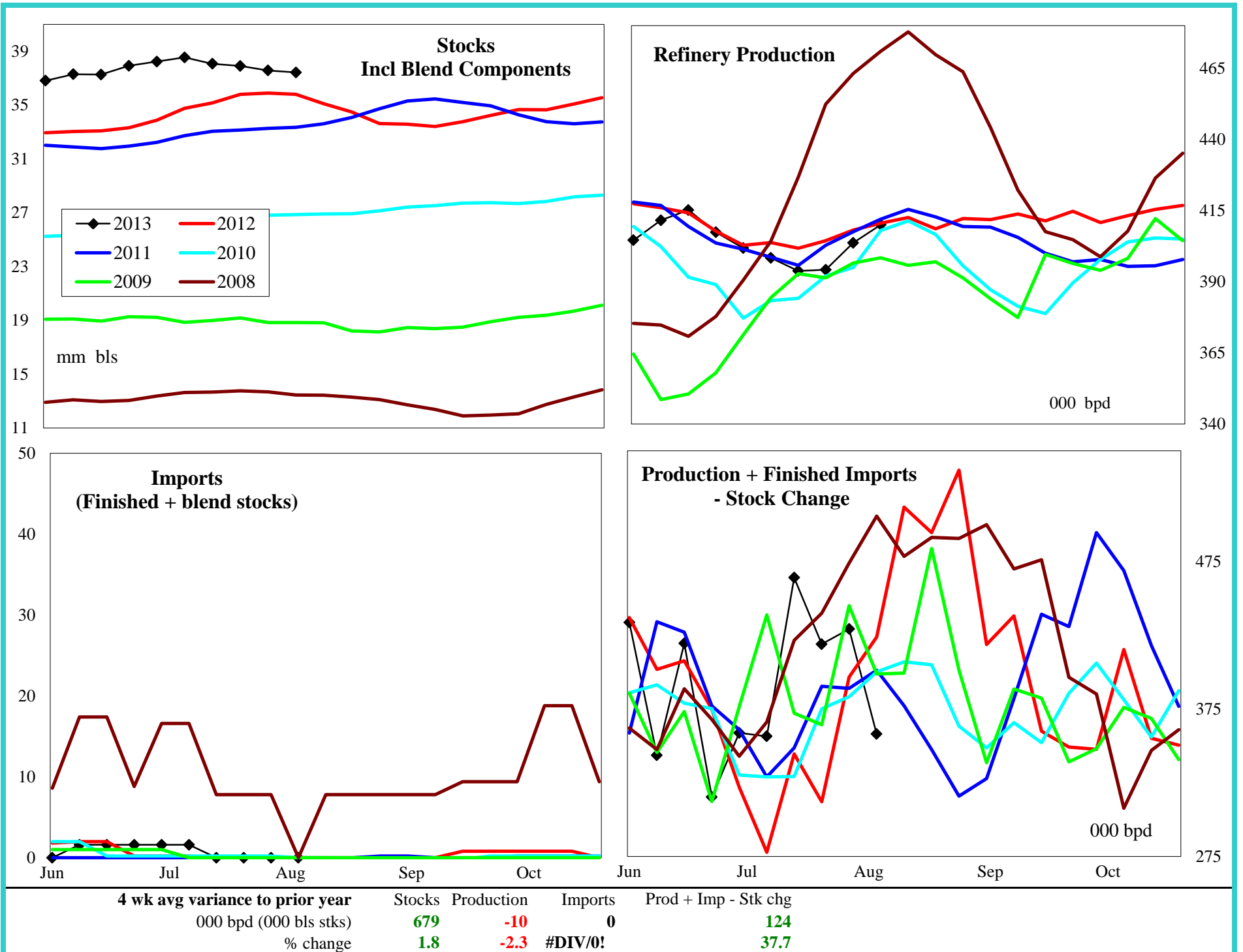
PADD 3 Crude Oil Supply and Refining



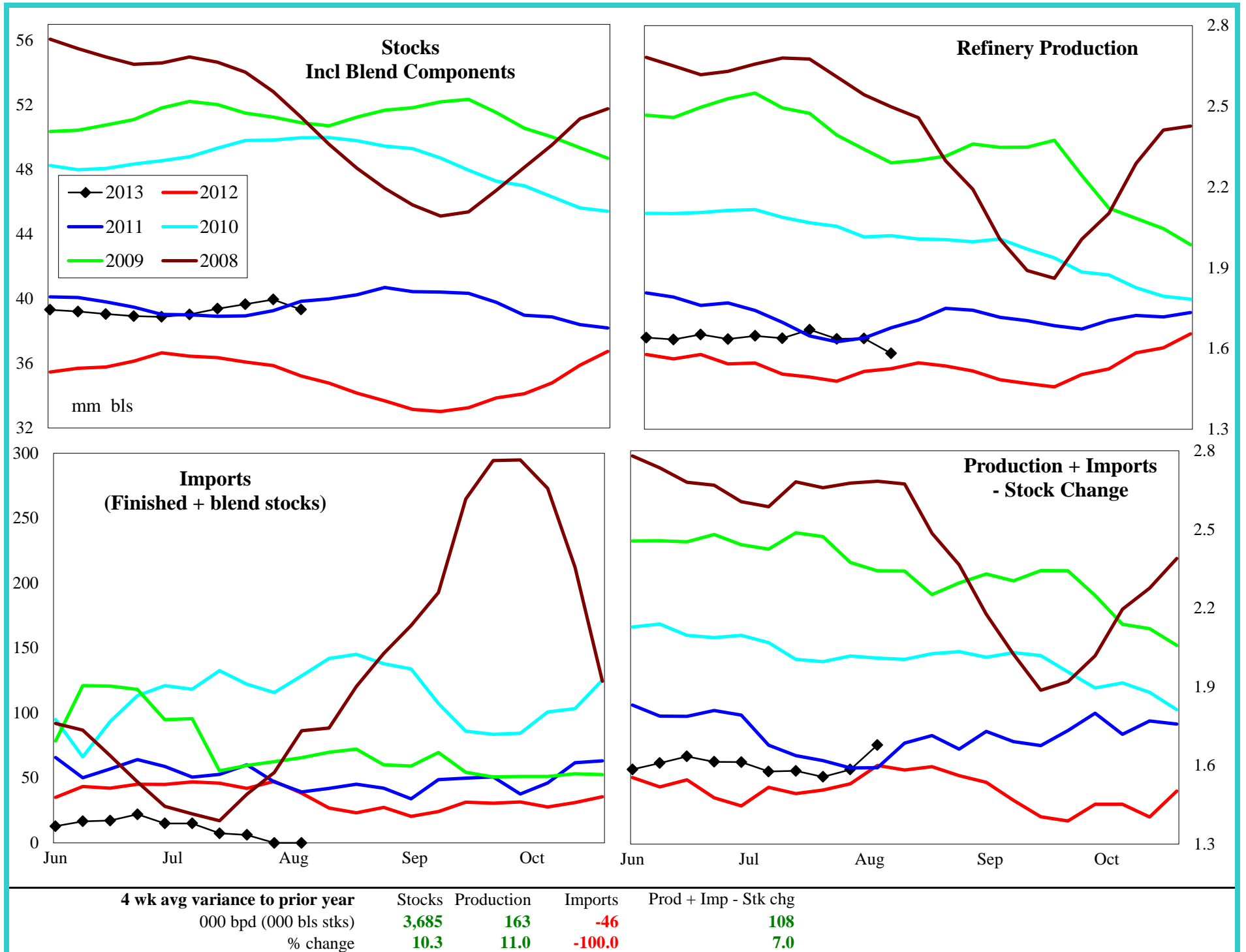
PADD 3 Gasoline Supply



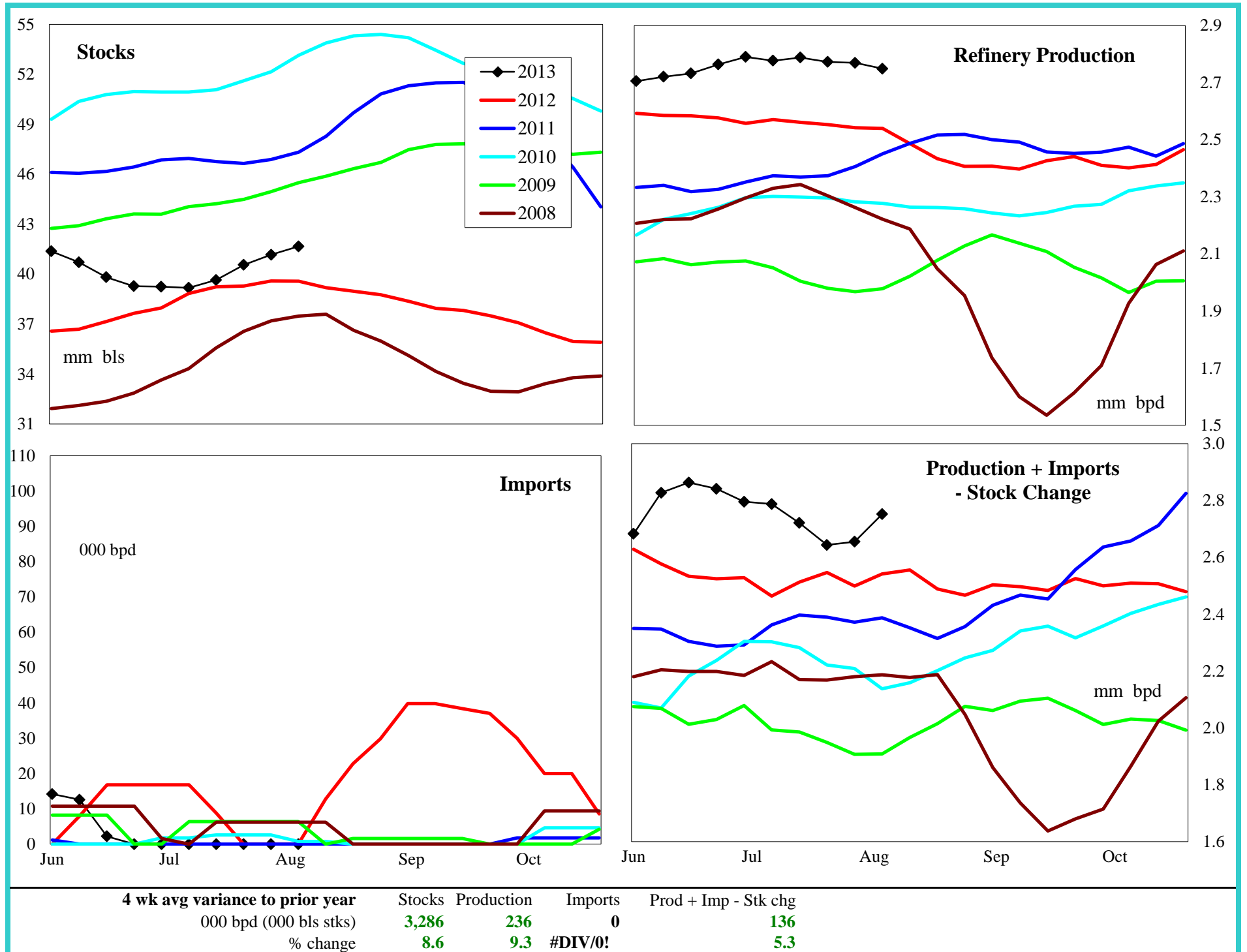
PADD 3 Reformulated Gasoline Supply



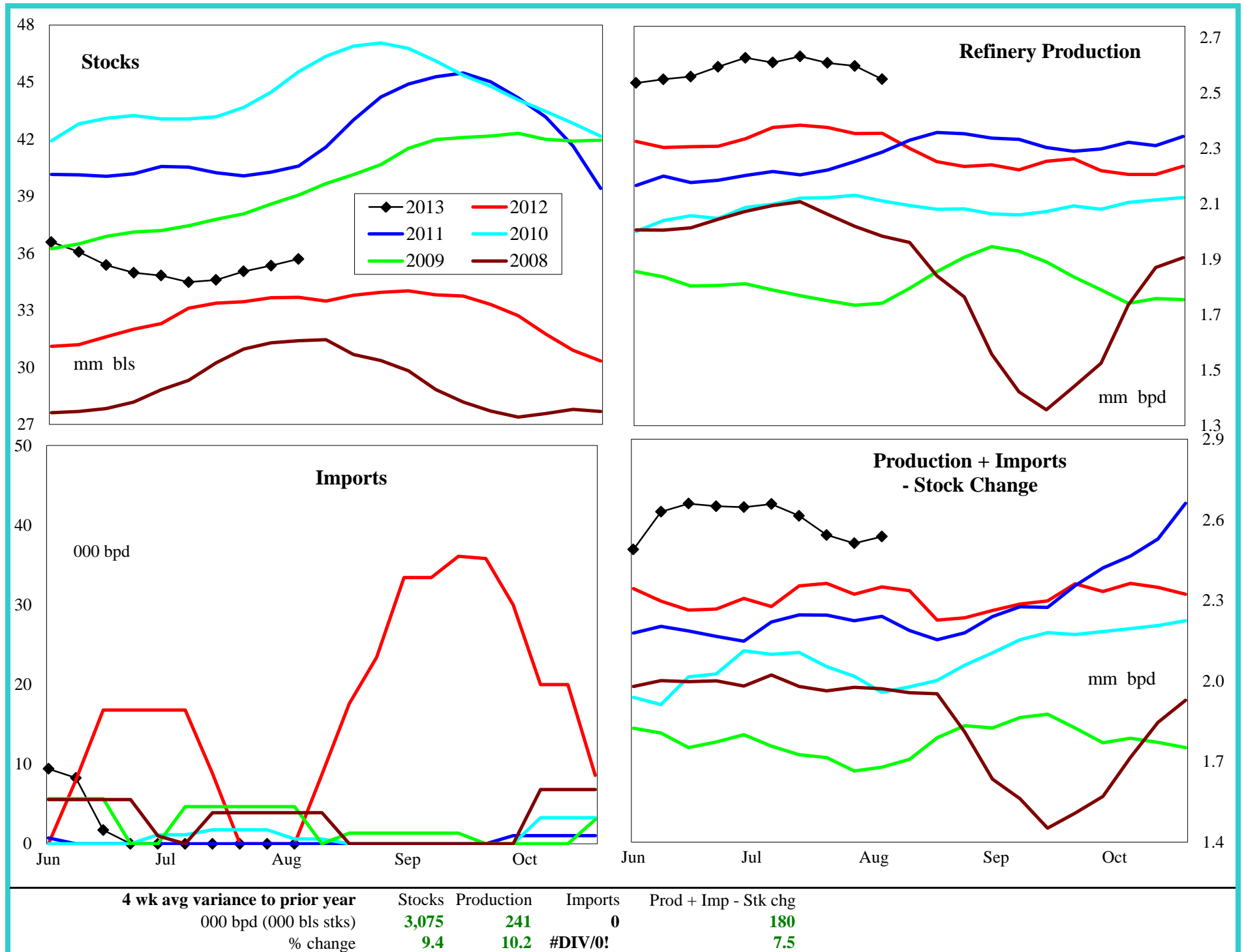
PADD 3 Conventional Gasoline Supply



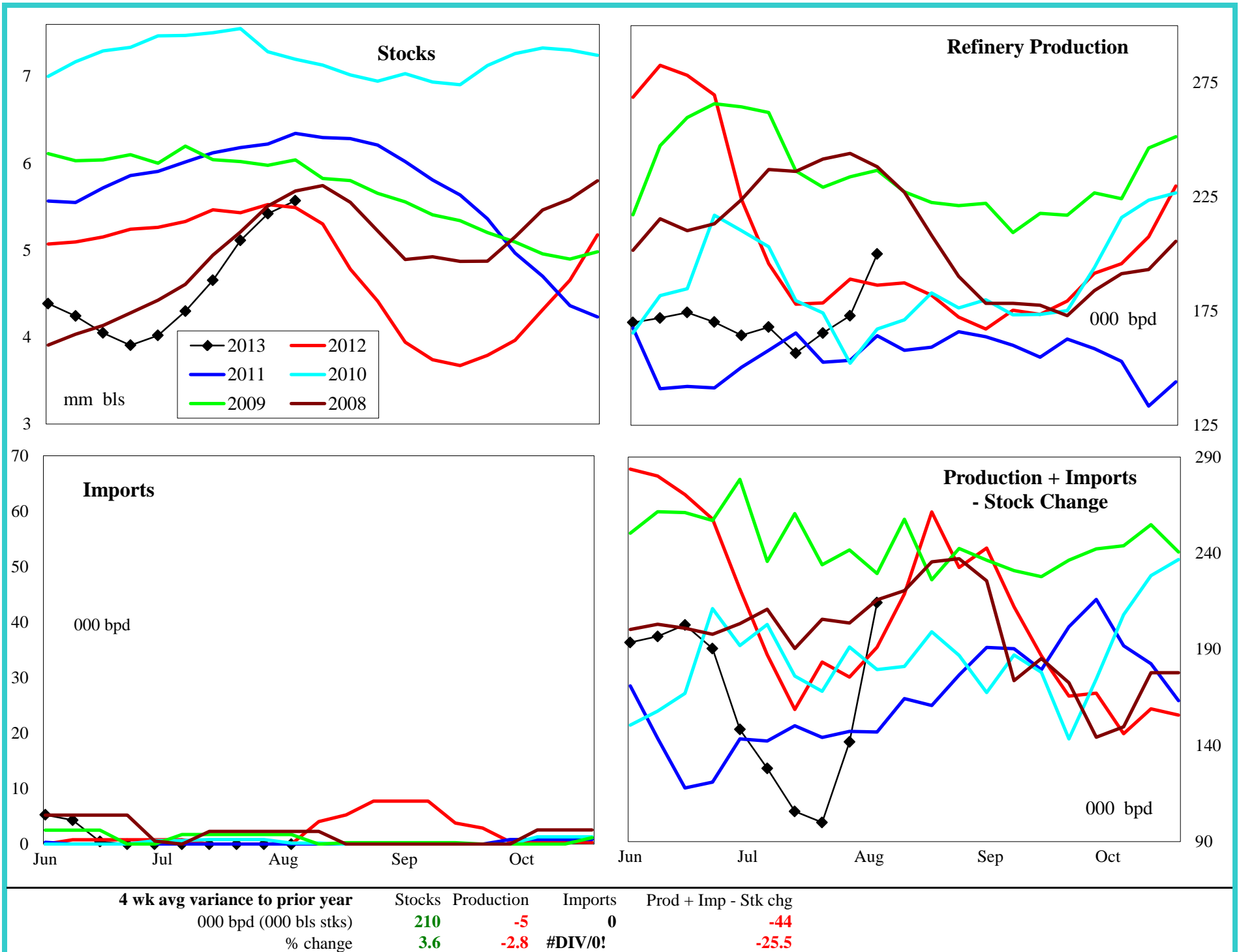
PADD 3 Distillate Supply



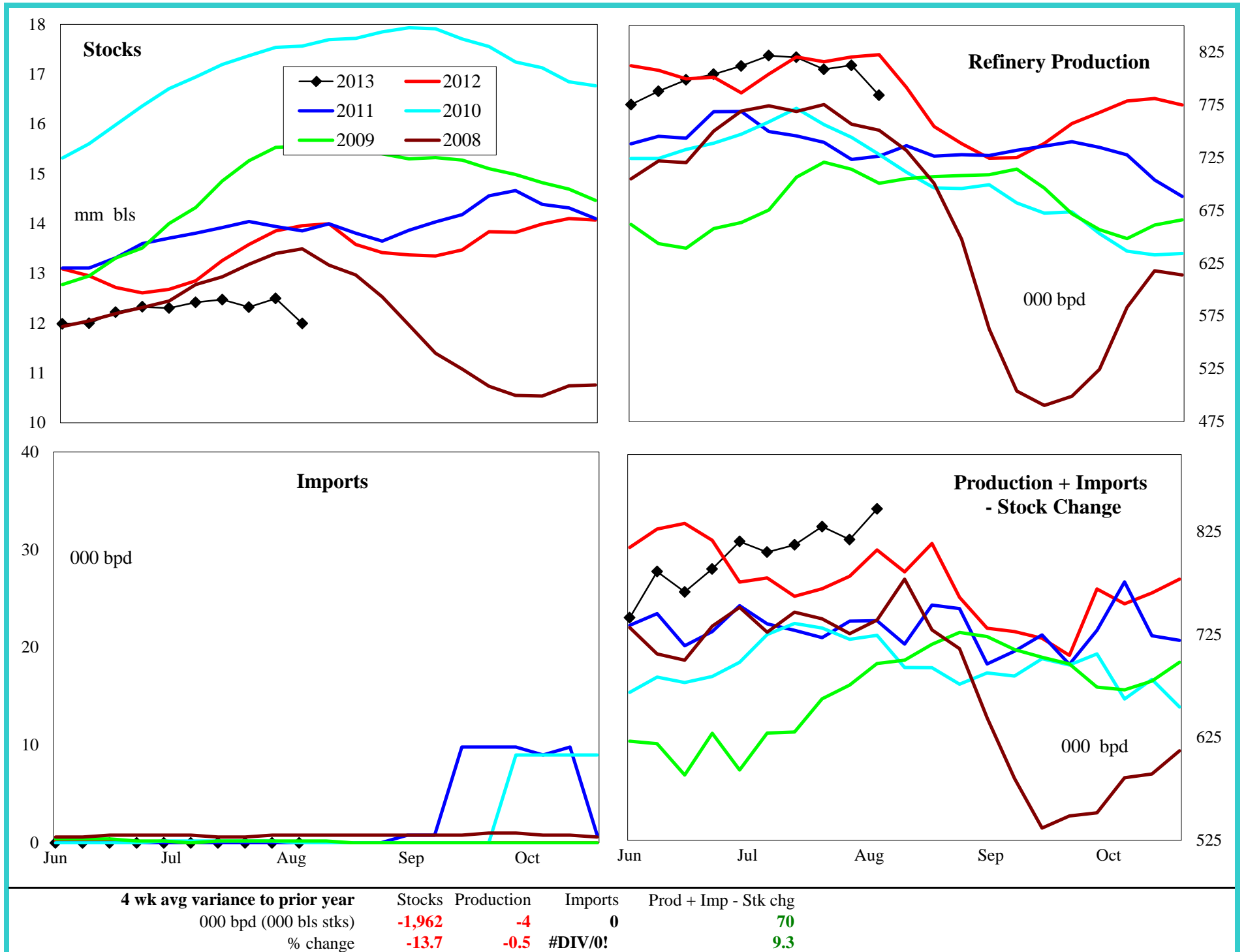
PADD 3 Low Sulfur Distillate Supply



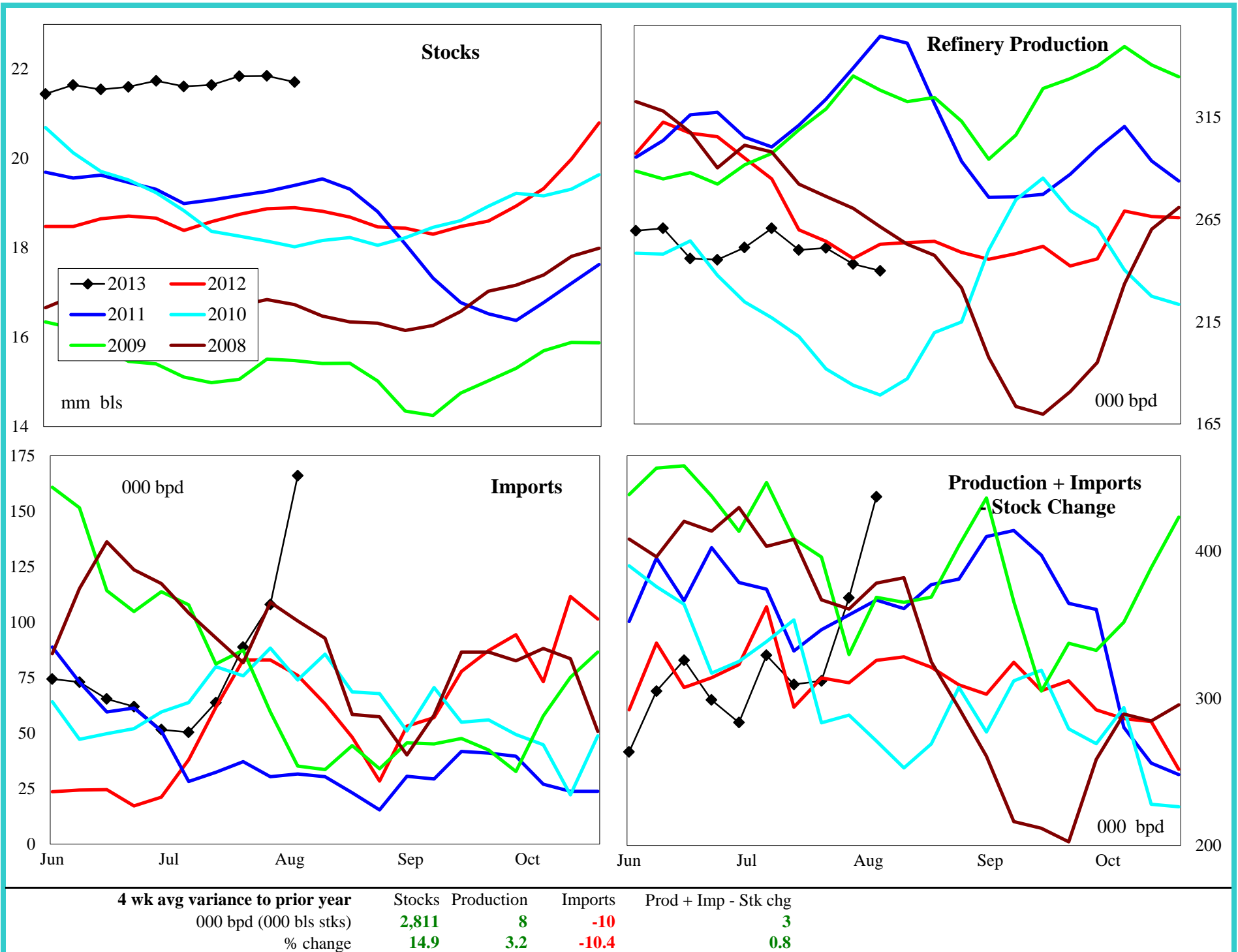
PADD 3 High Sulfur Distillate Supply



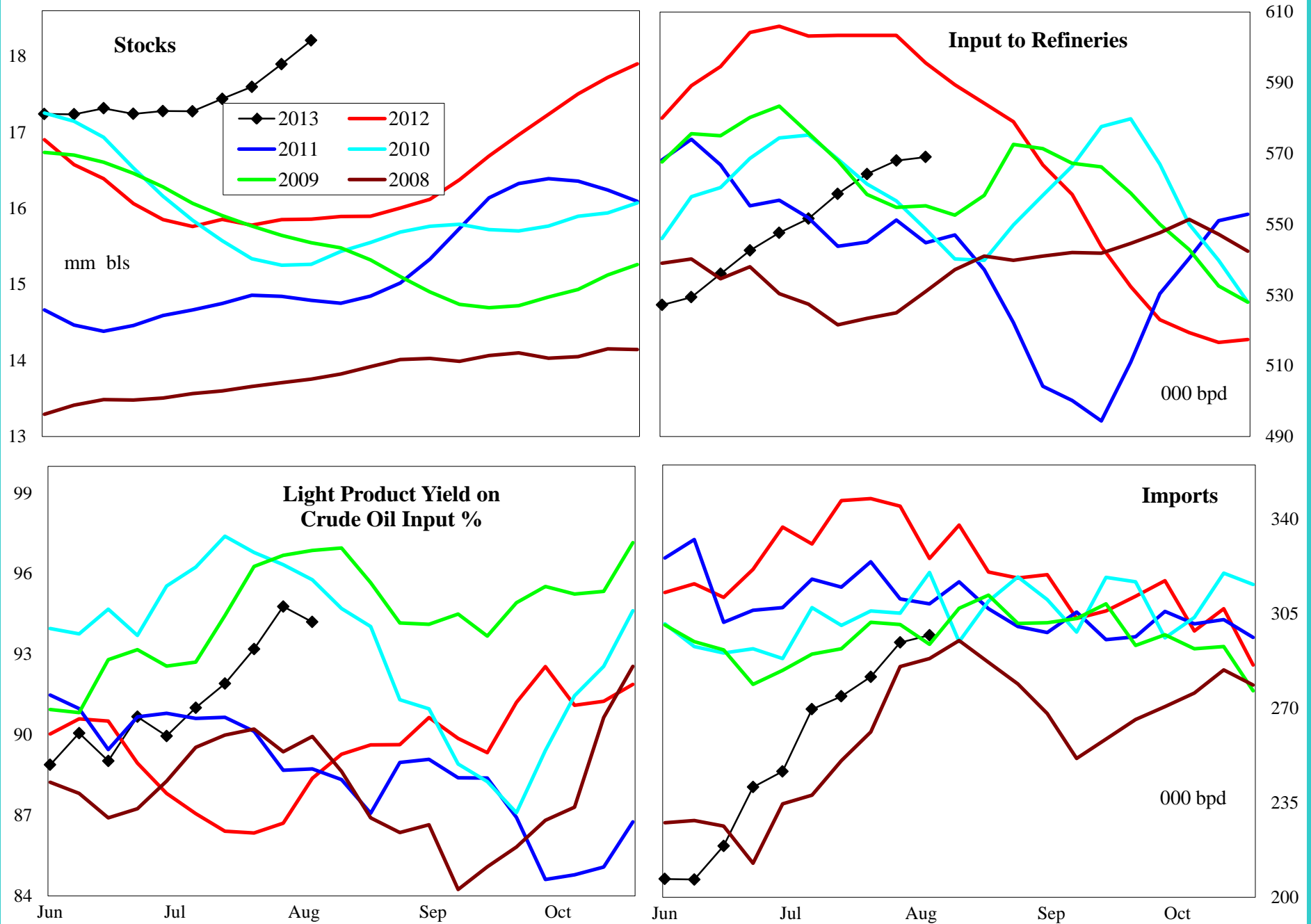
PADD 3 Jet Fuel Supply



PADD 3 Residual Fuel Oil Supply



PADD 4 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

2,350

14.5

Input

-35

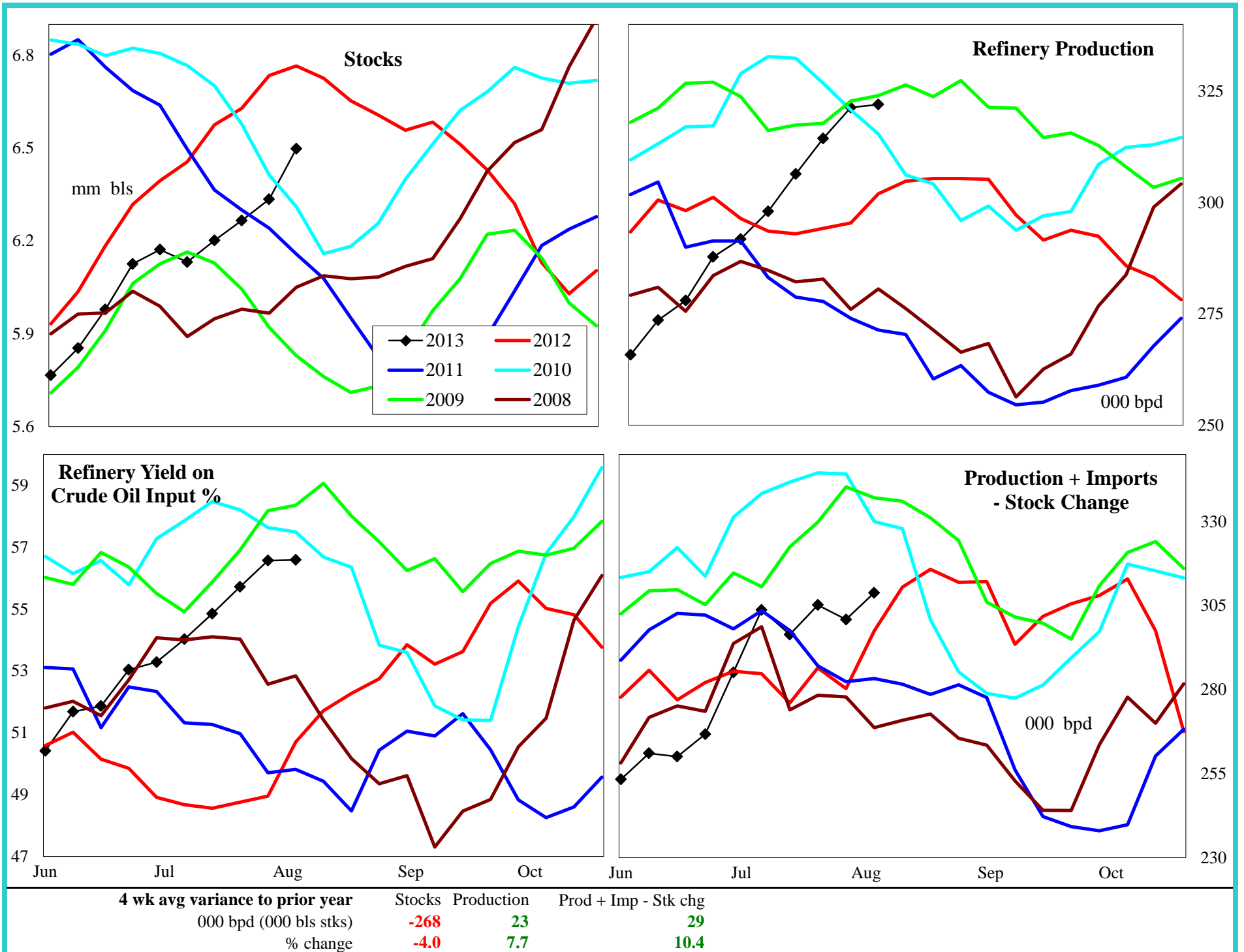
-5.8

Imports

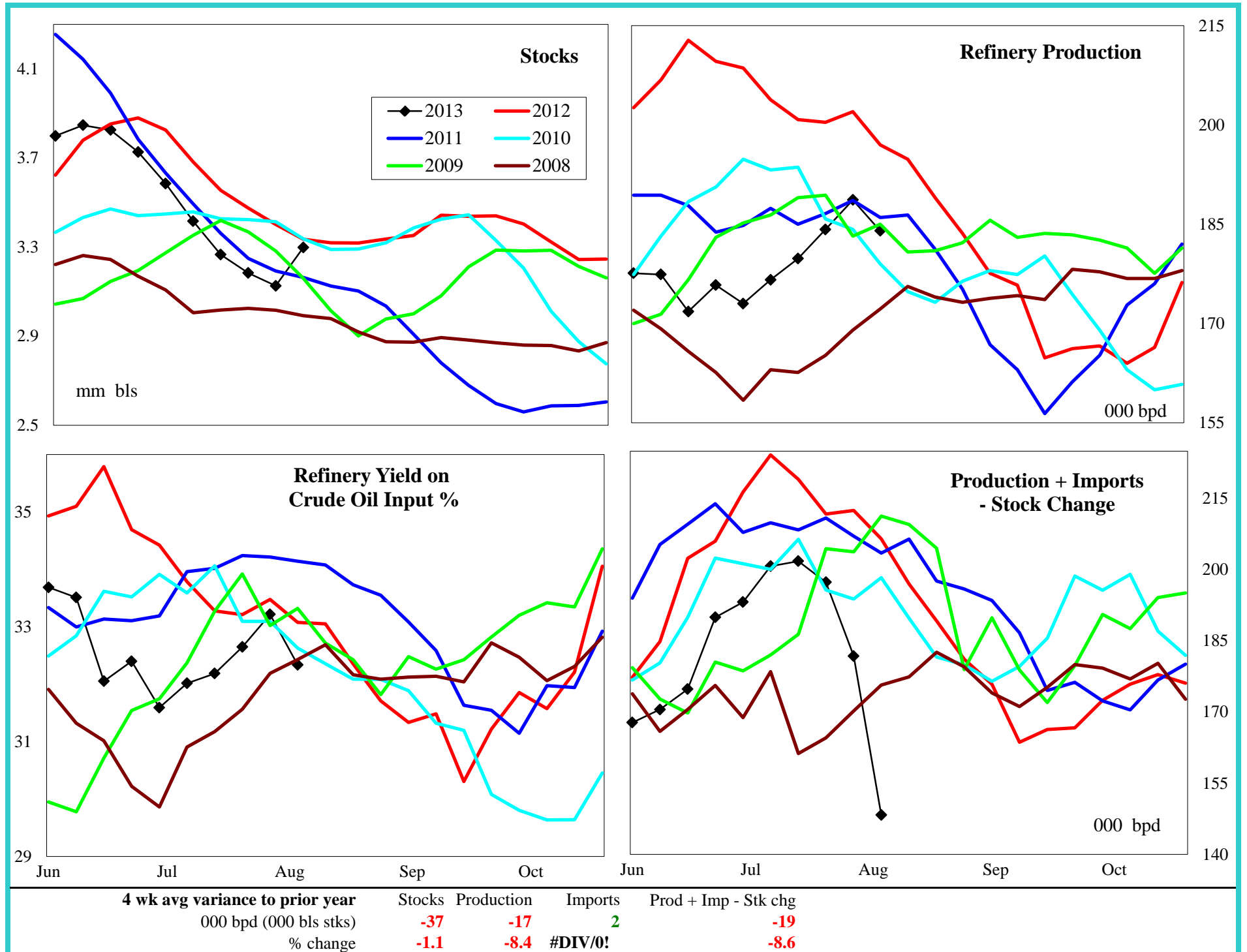
-59

-17.1

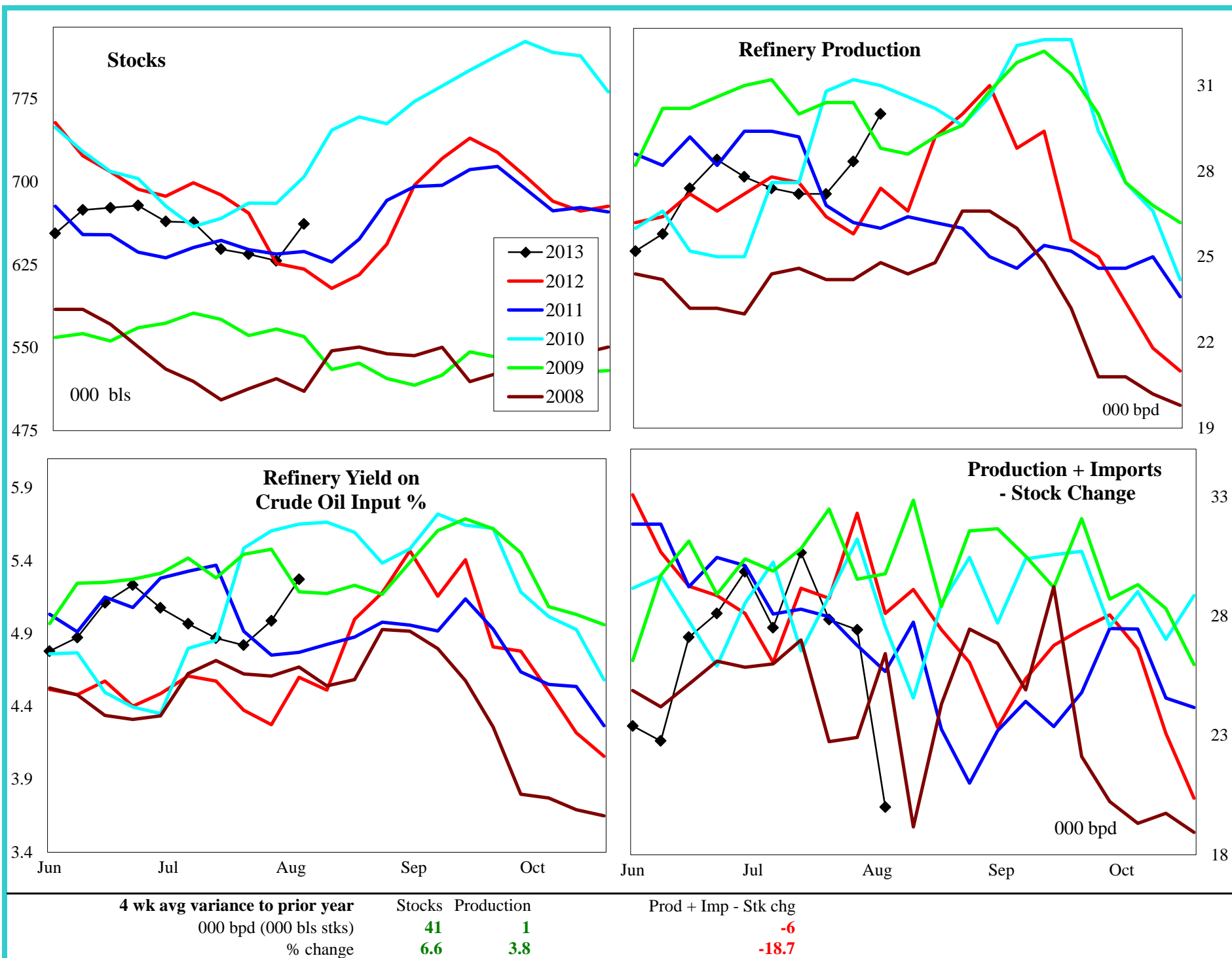
PADD 4 Gasoline Supply



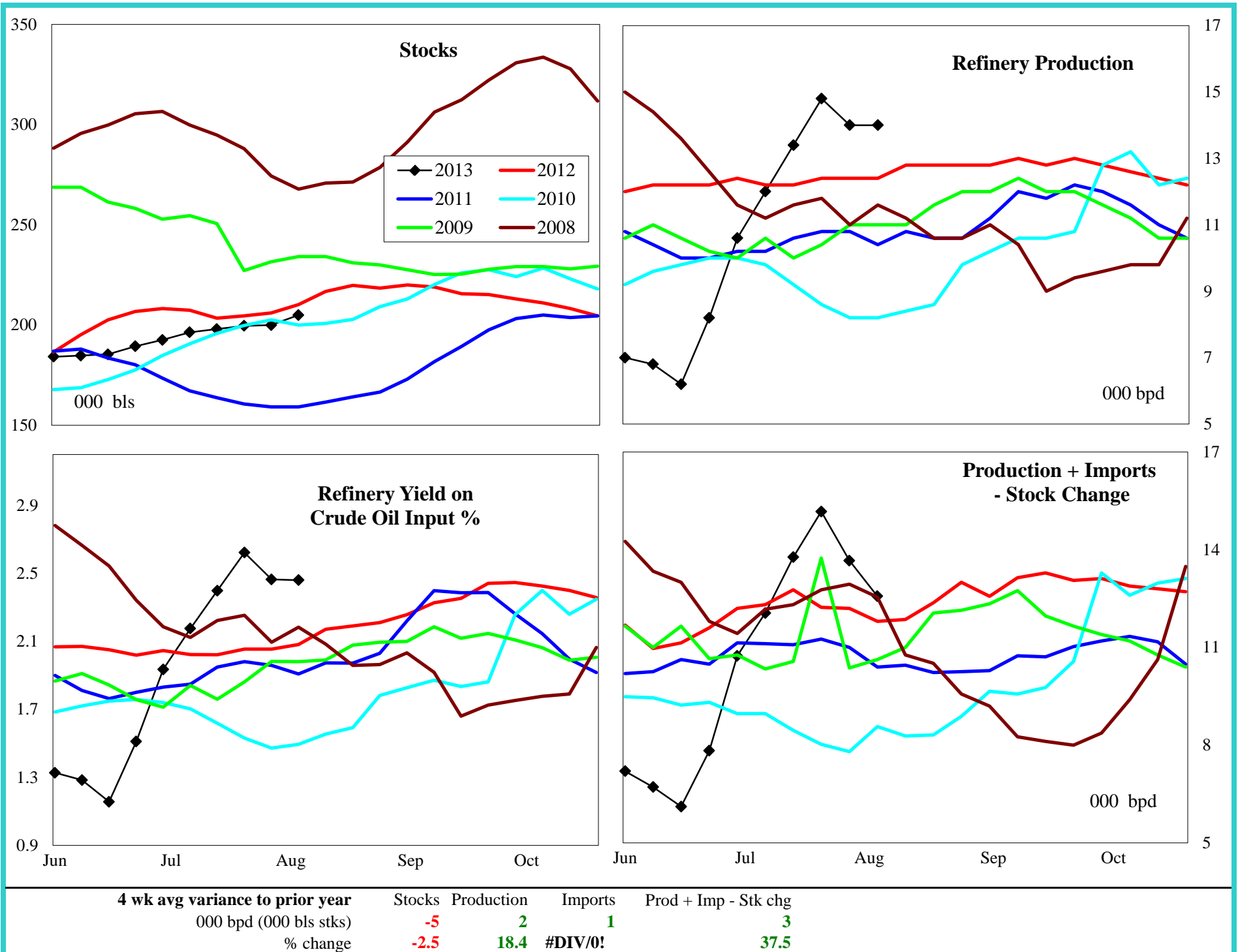
PADD 4 Distillate Supply



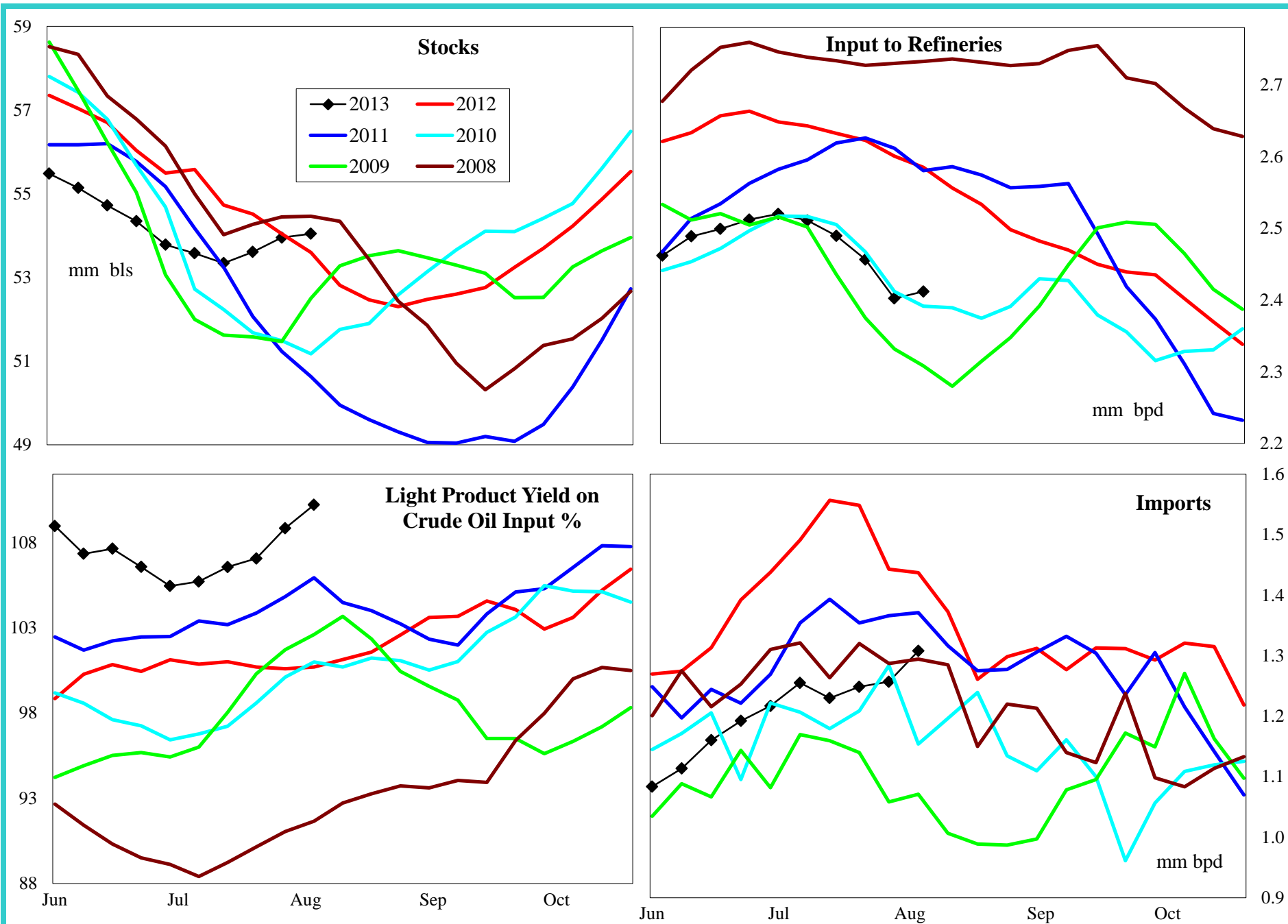
PADD 4 Jet Fuel Supply



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

443

0.8

Input

-178

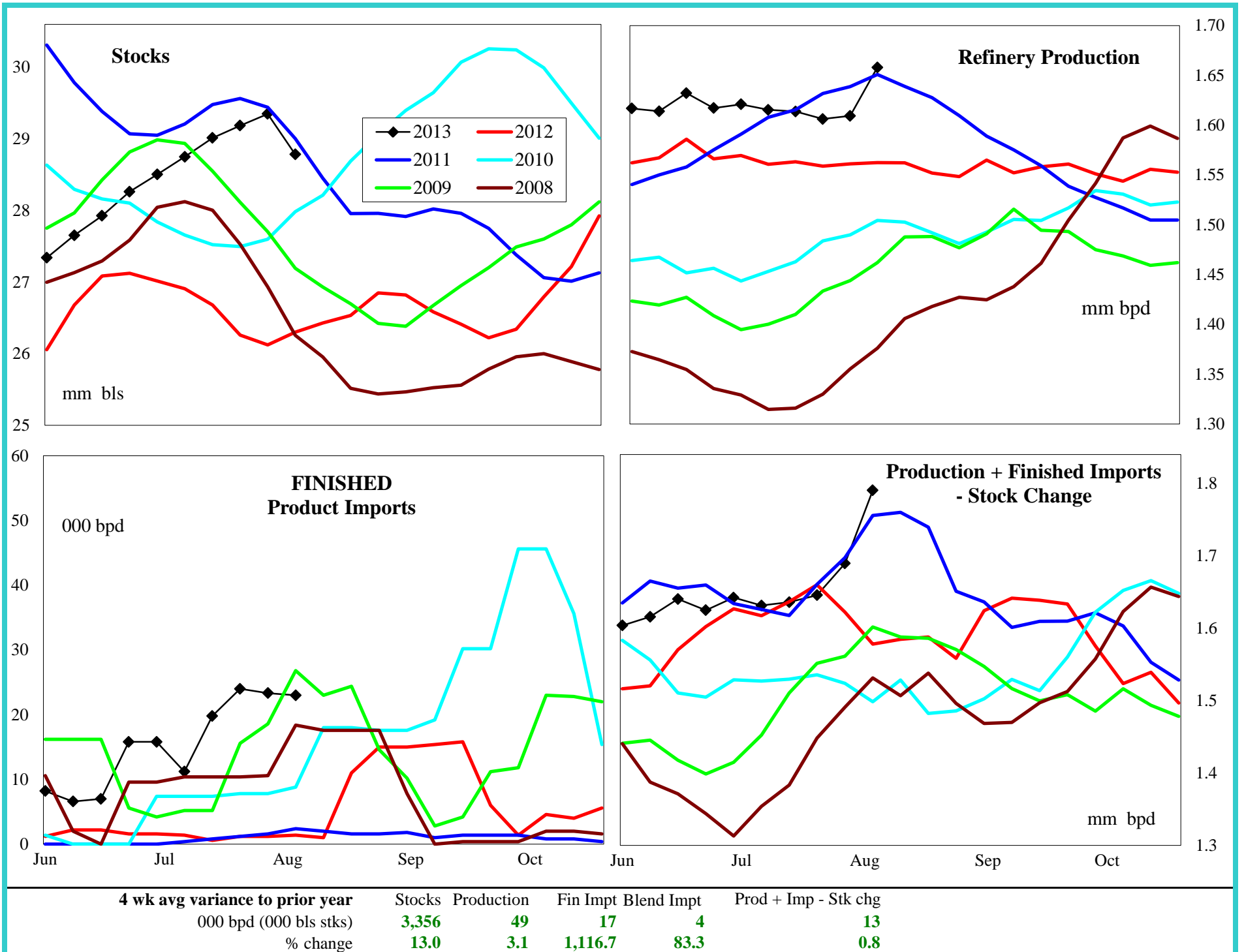
-6.9

Imports

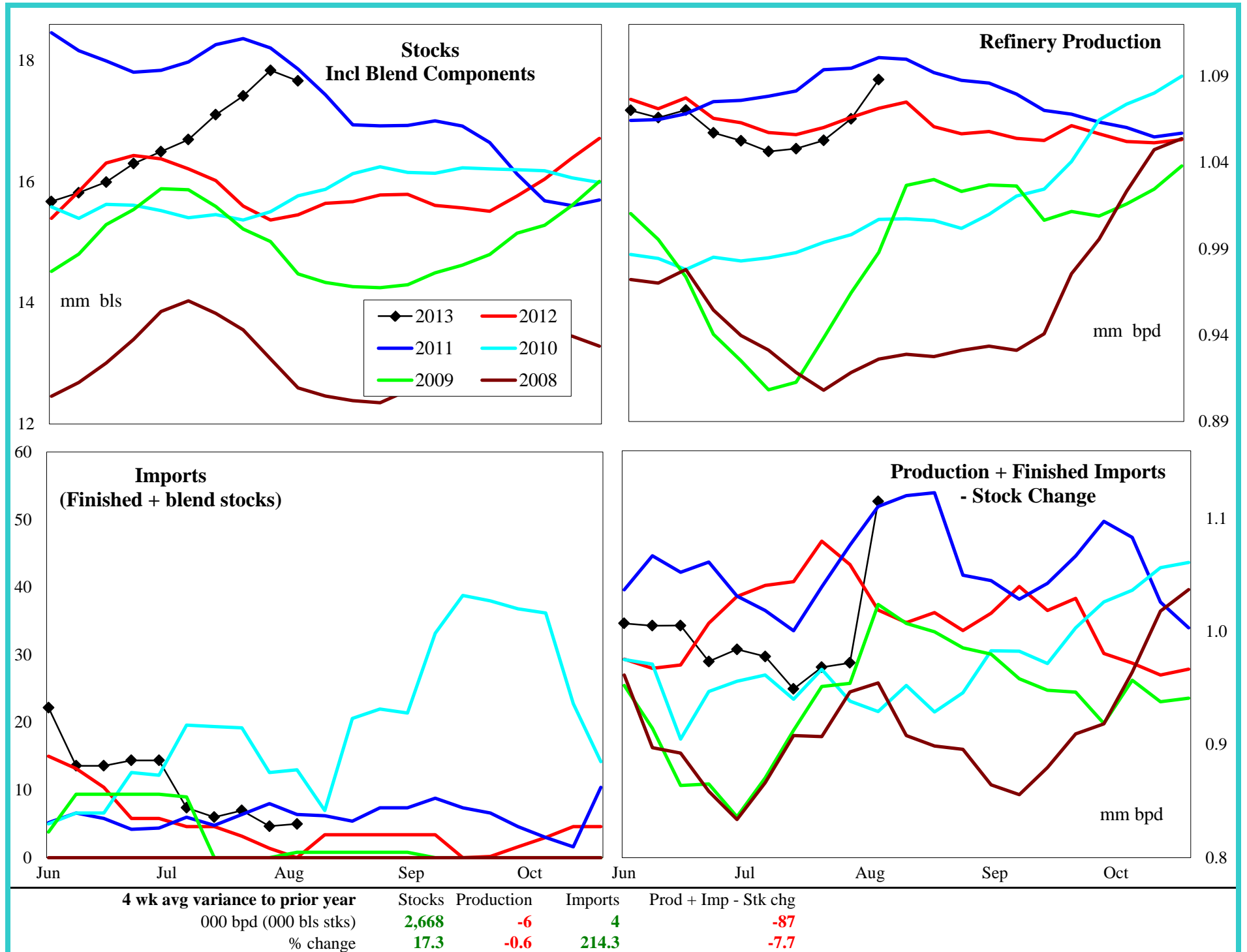
-248

-16.3

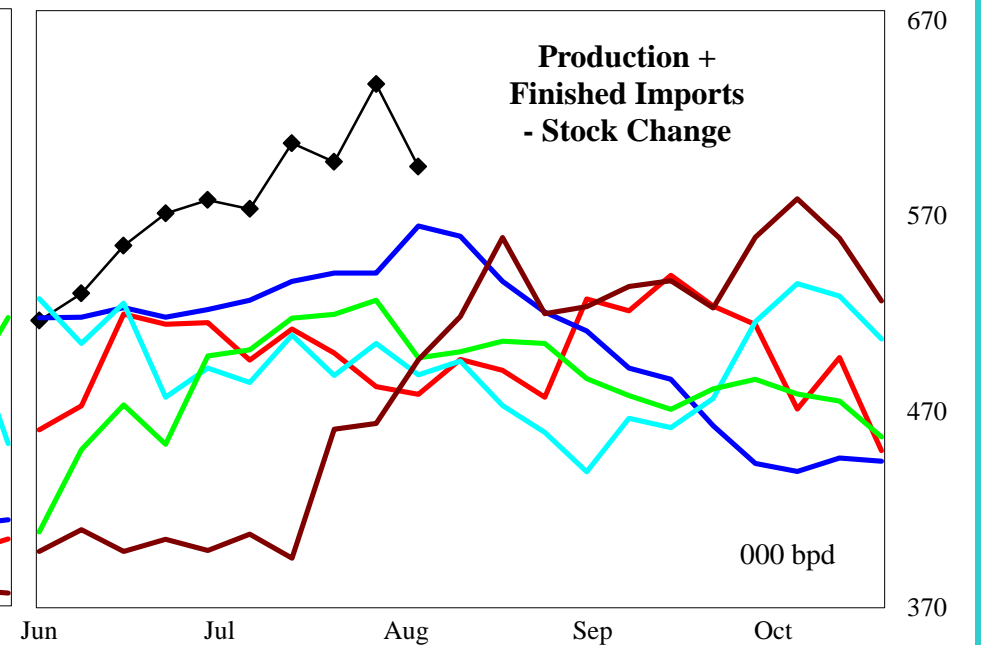
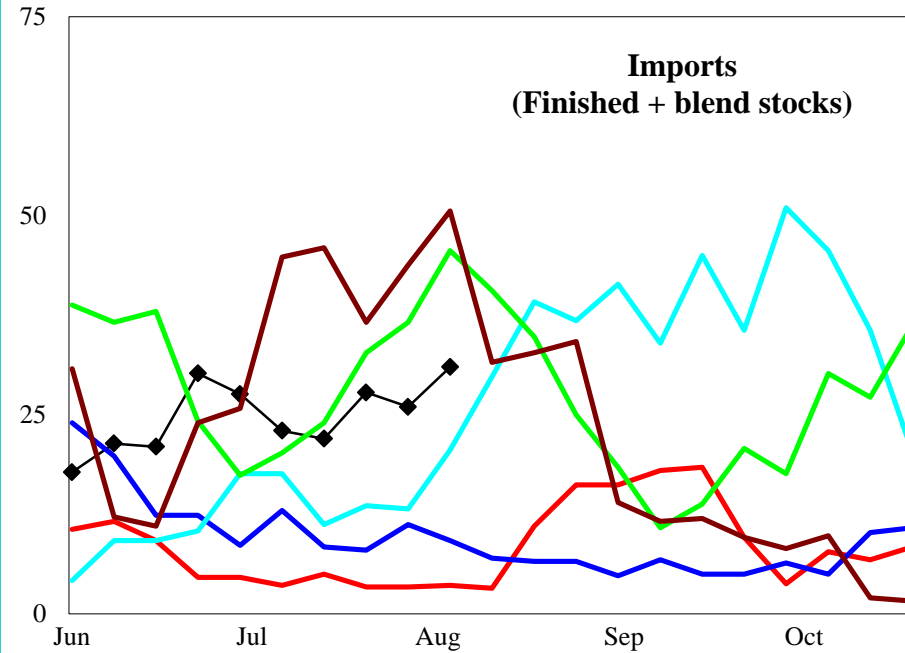
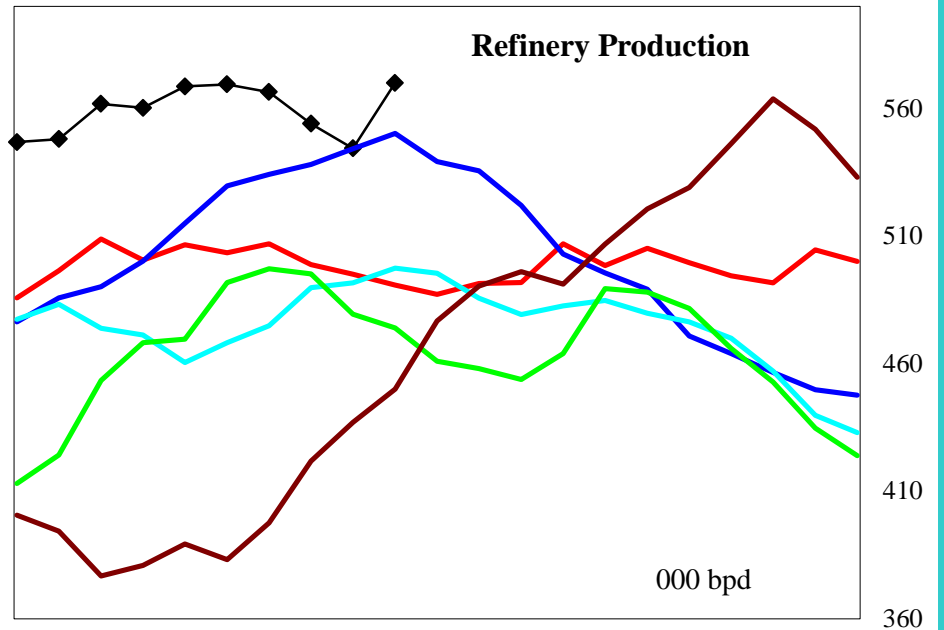
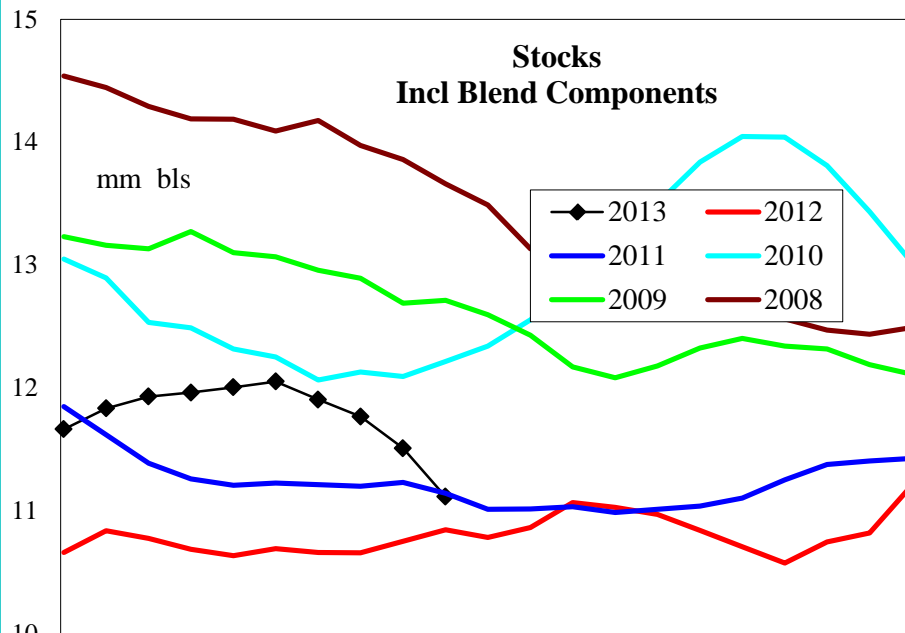
PADD 5 Gasoline Supply



PADD 5 Reformulated Gasoline Supply



PADD 5 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

688

56

17

100

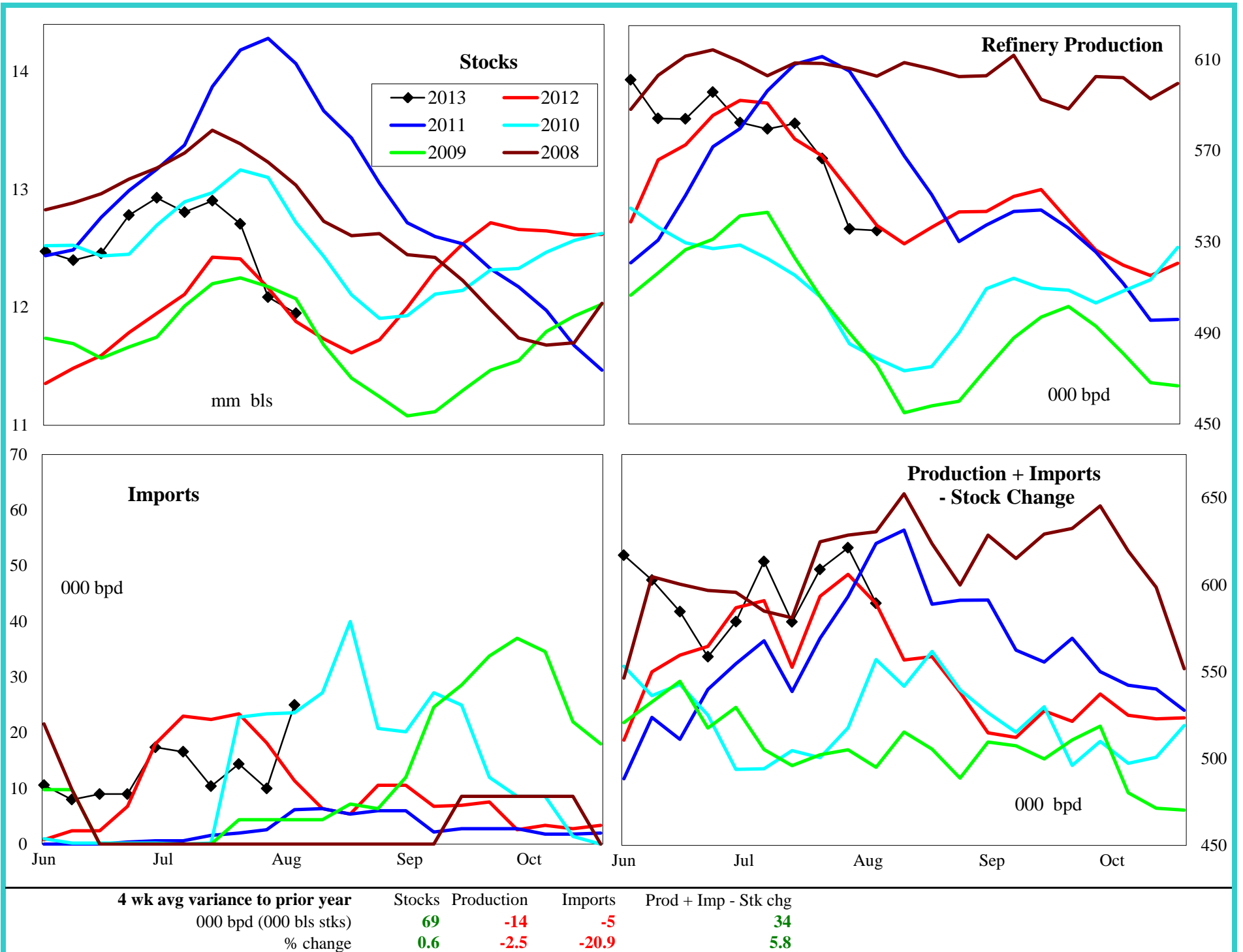
6.6

11.0

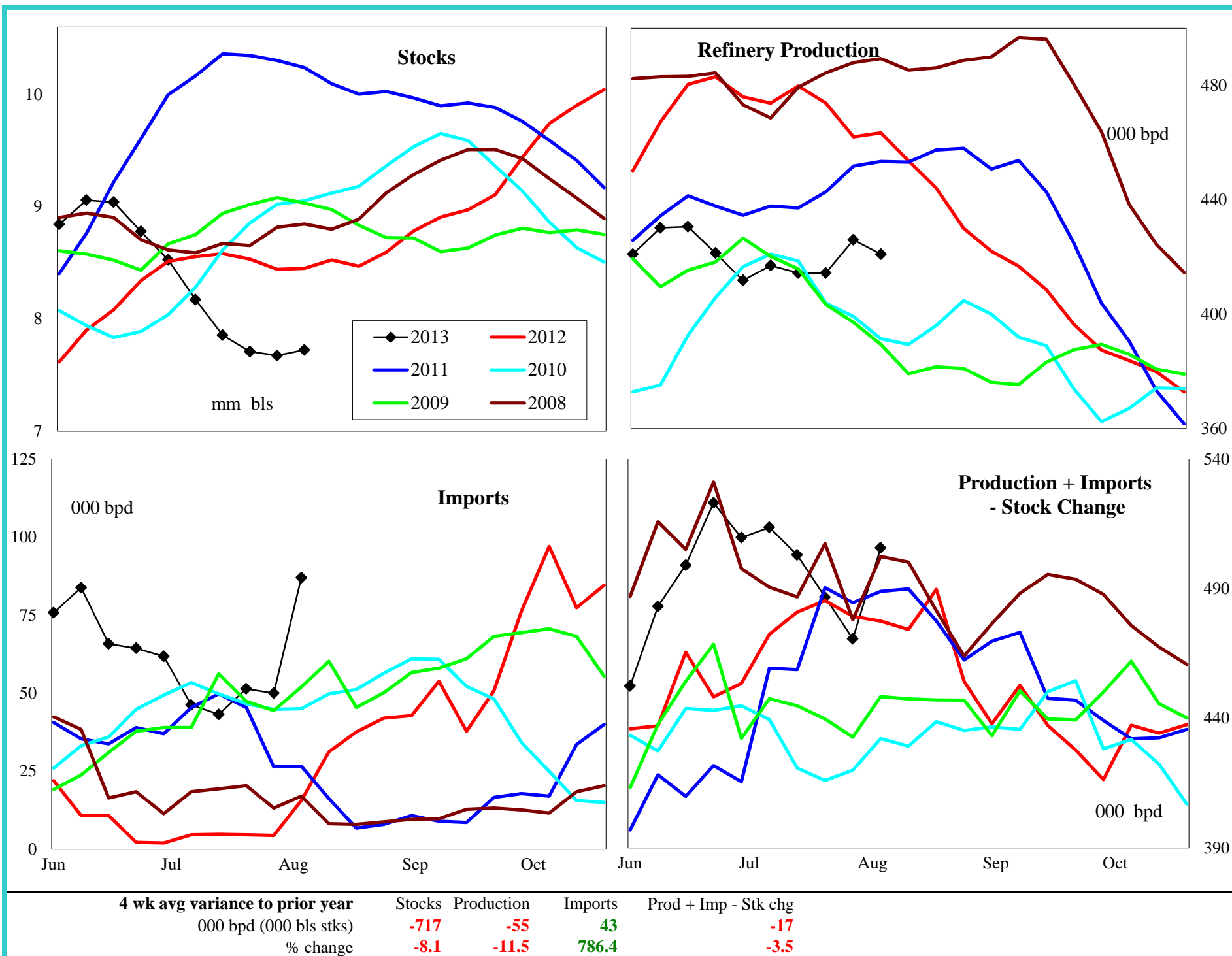
394.1

20.0

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

