



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

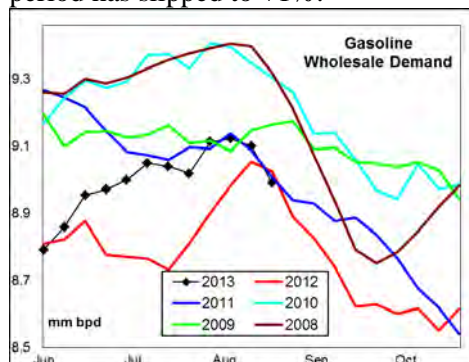
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, August 28, 2013

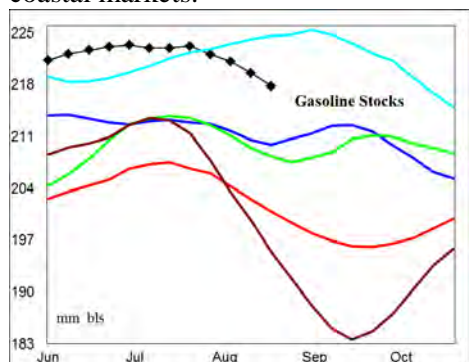


Major Fundamental Trends¹

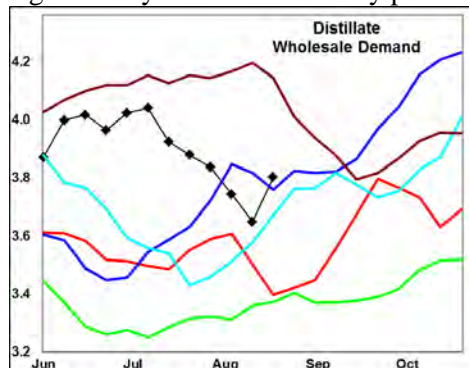
Gasoline wholesale demand decreased -169,000 bpd last week as the seasonal downtrend began. Year-on-year demand growth for the latest 4-wk period has slipped to +1%.



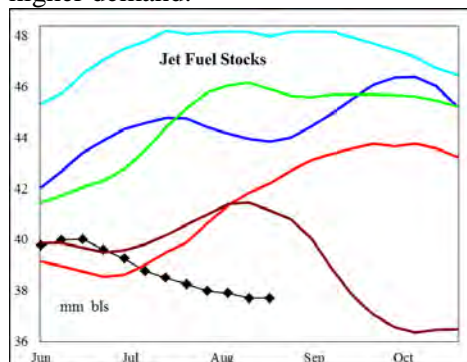
Gasoline imports jumped over +0.3 million bpd last week, limiting the stock draw to just -0.6 million barrels. Stock levels remain very high in all coastal markets.



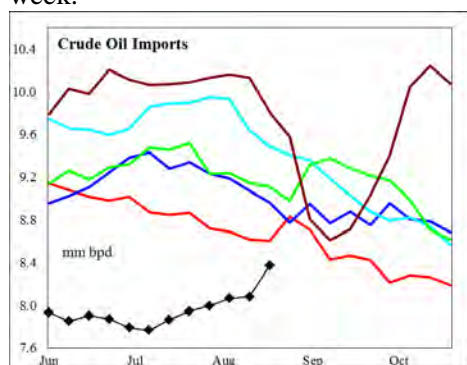
Distillate wholesale demand increased +230,000 bpd last week, to a level that matched highs of the last 3-yr for the week. The latest 4-wk year on year increase was +114,000 bpd, down significantly from the June-July period.



Jet fuel stocks ended the week -13% below last year and a record low on higher demand.



Crude oil imports have recently increased +0.6 million bpd, to the highest level of the last quarter. This increase underlies the stock build last week.



Demand for gasoline decreased while middle distillates were higher last week. Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +1%; distillate was +3.1% higher; jet fuel was +5.3% higher, and residual decreased -21%.

Stocks forward coverage: Gasoline demand coverage declined on a -0.6 million barrel stock draw for the week. Coverage remains above the 5-year range.

Distillate coverage decreased on a -0.3 million barrel stock draw and higher demand. Coverage levels were below a year ago.

Jet fuel coverage was higher on a +0.3 million barrel stock build and limited by high demand. Coverage levels remain below the 5-year range.

Residual fuel oil coverage fell on a -1.4 million barrel stock draw last

week.

Refinery utilization rates decreased last week on a -71,000 bpd decline in crude oil runs. During the latest 4-wk period crude oil input was +247,000 bpd above a year ago.

Gasoline yield % on crude oil runs was little changed on a -33,000 bpd decrease in output compared to the -71,000 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 slightly on a -3,000 bpd decline in output compared to the larger decrease in crude oil thru put. The yield % on crude oil runs remains above the historic range.

Jet fuel yield % on crude oil runs increased on a +17,000 bpd rise in output, compared to lower crude oil input. The yield % level was above the 5-yr mid range.

Petroleum Imports/Exports: Imports of crude oil and transport fuels each increased last week.

During the latest 4-wk period crude oil *imports* were -0.7 million bpd below last year; distillate imports were unchanged from a year ago; finished gasoline imports increased +23,000 bpd, gasoline blend stock imports were -153,000 bpd lower; jet fuel imports increased +50,000 bpd, while residual fuel oil imports were -42,000 bpd lower.

The latest weekly *export* estimate saw a +89,000 bpd increase in gasoline, a +226,000 bpd jump in distillate and +27,000 bpd rise in jet fuel compared to a year ago.

Crude Oil stocks increased +3 million barrels last week, including a -0.8 million barrel draw in Cushing. Stocks ended the week -2.5 million barrels below last year's record level. Stock levels ended the week -18% below last year in Cushing.

¹ Source is latest EIA Weekly Statistics



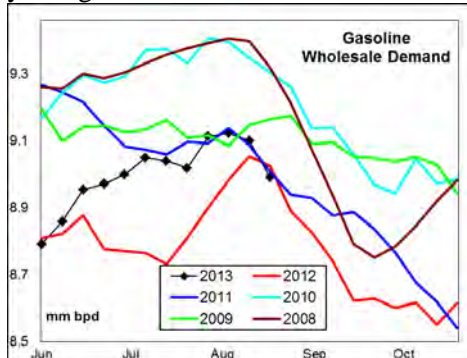
WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

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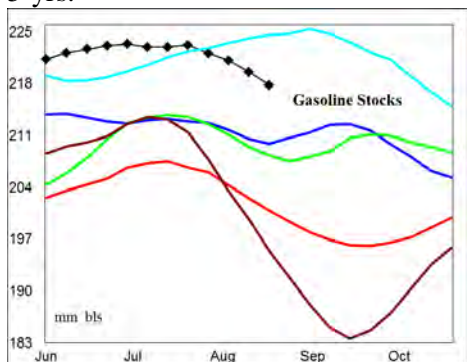
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Product Supply-Demand Trends

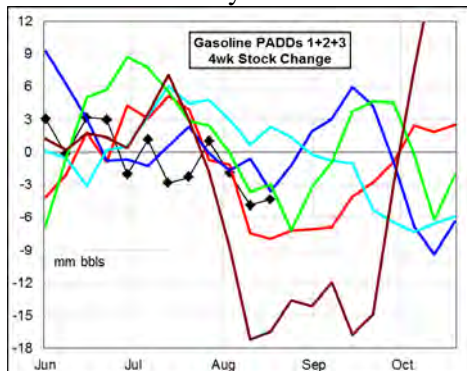
Gasoline wholesale demand was declined -169,000 bpd as the end of summer downtrend began. The latest 4-wk average demand was +94,000 bpd above a year ago. Supply increased +264,000 bpd last week on higher imports. Supply for the latest 4-wk period was +111,000 bpd above a year ago.



Stocks decreased -0.6 million barrels last week, a level above four of the last 5-yrs.



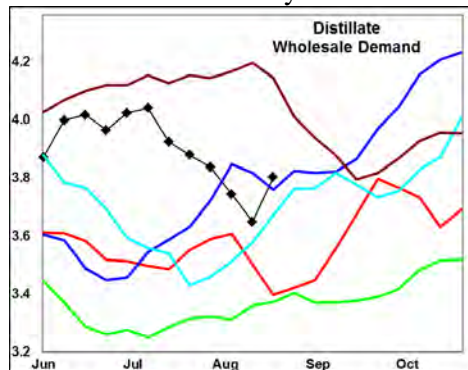
The latest 4-wk stock change in markets East of the Rockies was a -4.3 million barrel draw, mid range between the last 3-yrs.



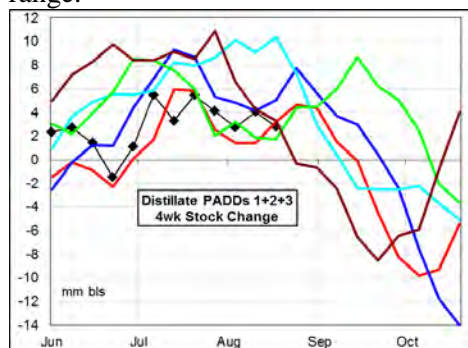
The seasonal decline in demand has begun. Combined with high stock levels for this time of year, all coastal regional markets are well supplied.

Look for excess stock levels to burden coastal markets until fall refinery maintenance begins.

Distillate wholesale demand increased +230,000 bpd last week, to a level which matched 3-yr highs for the period. The latest 4-wk average demand was +114,000 bpd above a year ago, a +3.1% increase. Supply increased +61,000 bpd last week on higher imports. The latest 4-wk average supply was +196,000 bpd above last year. Stocks decreased -0.3 million barrels on the week, with the level +2.3% above last year.



The latest 4-wk stock change in markets East of the Rockies was a +3.3 million barrel build, at the 5-yr mid range.



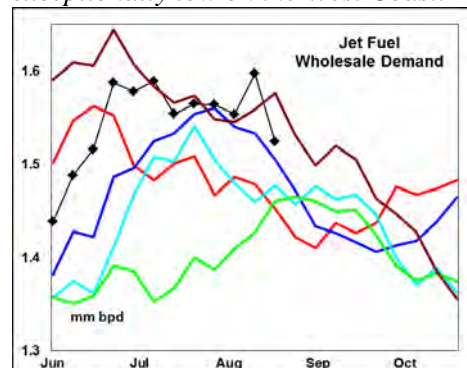
Year-on-year demand growth has moderated from the peak in early summer. Combined with record high production for this time of year, expect stock builds during the next 30-days.

Jet Fuel wholesale demand declined -65,000 bpd on the week; to a level above the last 3-yrs. The latest 4-wk average demand was +79,000 bpd above last year, a +5.3% increase.

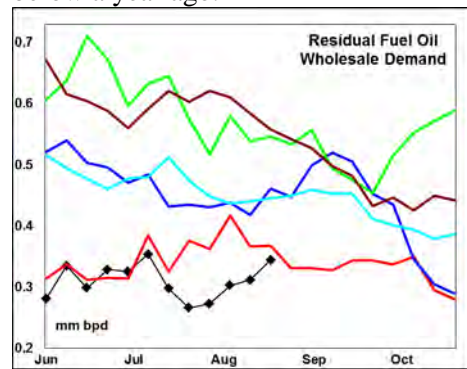
Supplies increased +79,000 bpd on the week, driven by a higher imports and production. Production was a

record high for the period. Supply for the latest 4-wk period was +9,000 bpd above a year ago. Stocks increased +0.3 million barrels, to a level -5.5 million barrels below last year.

Wholesale demand remains above the last 3-yrs. Look for a further pull back in seasonal demand during the next 60-days. Combined with peak seasonal production and record imports, expect stock builds during the next quarter. Stock levels are exceptionally low on the West Coast.



Residual fuel oil demand decreased -39,000 bpd last week. Demand for the latest 4-wk period was -72,000 bpd below a year ago.



Supply (production + imports) decreased -169,000 bpd last week, on lower imports and production. Production and imports each fell to season record lows last week. Stock levels matched the average of the last 3-years.

The exceptionally low supply points to a continued shift by refiners to upgrade the 'bottom of the barrel'.



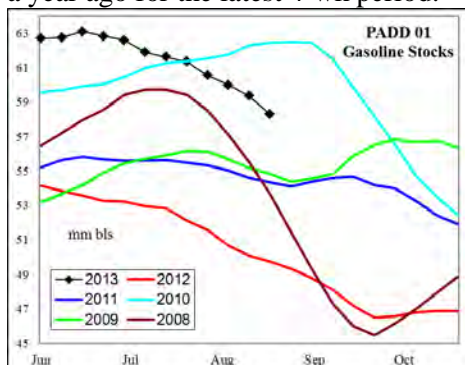
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PADD Supply Trends

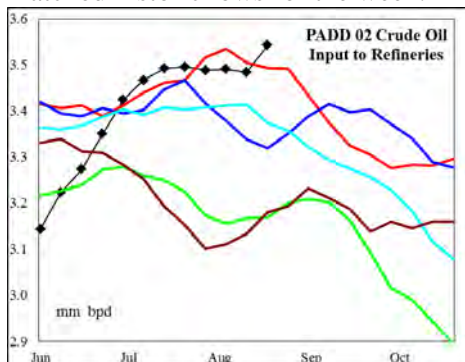
PADD 1 refinery crude oil runs declined -67,000 bpd last week, to a level +13% above last year. Crude oil imports averaged +155,000 bpd above a year ago for the latest 4-wk period.



Gasoline supply increased +327,000 bpd last week on sharply higher imports. Stocks declined -0.2 million barrels to a level above four of the last 5-yrs.

Distillate supply increased +112,000 bpd on the week, with the 4-wk average -74,000 bpd below a year ago. Stocks declined -0.5 million barrels on the week, with the level comparable to last years' historic lows.

Jet fuel supply increased +60,000 bpd on the week. Stock levels matched historic lows for the week.



PADD 2 crude oil refinery runs increased +61,000 bpd on the week, to a new record high level for the season. Crude oil stocks decreased -0.7 million barrels last week, including a -0.8 million barrel draw in Cushing. Stocks ended the week -18% below a year ago in Cushing.

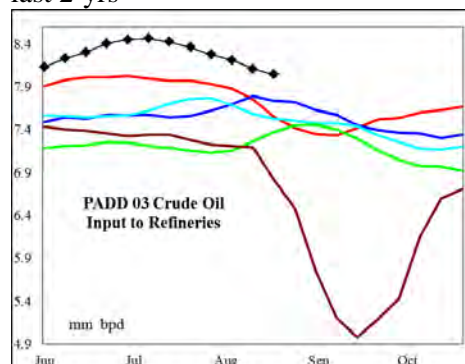
Gasoline production increased +110,000 bpd on the week, to a level comparable to the average of the last 3-

yrs. Stocks fell -0.8 million barrels to a level near historic lows for the period.

Distillate supply increased +11,000 bpd last week, to a level that matched 3-yr highs. Stocks decreased -0.2 million barrels on the week, to a level near historic lows for the season.

Jet fuel production increased +25,000 bpd last week, to a level above the 5-yr range. Stocks ended the week -8.5% below last year.

PADD 3 refinery runs decreased -59,000 bpd last week. During the latest 4-wk period, average runs were +257,000 bpd above a year ago. Crude oil stocks increased +4.4 million barrels last week, a level equal to the last 2-yrs



Gasoline supply decreased -37,000 bpd on the week, with the latest 4-wk average +69,000 bpd above a year ago. Stocks increased +0.9 million barrels to a level that matched 5-yr highs.

Distillate supply fell -78,000 bpd on the week, with the latest 4-wk average supply +223,000 bpd above last year. Stocks declined -0.3 million barrels last week, with the level +5.3% above a year ago. Increased +7,000 bpd on the week, with production equal to historic highs. Stocks increased +0.2 million barrels, with the level -15% below the last 2-yrs.

Residual fuel supply decreased -5,000 bpd, on lower production. Stock levels ended the week equal to 5-yr highs.

PADD 4 refinery crude runs decreased -8,000 bpd on the week, to a level near last years' record high. Crude oil

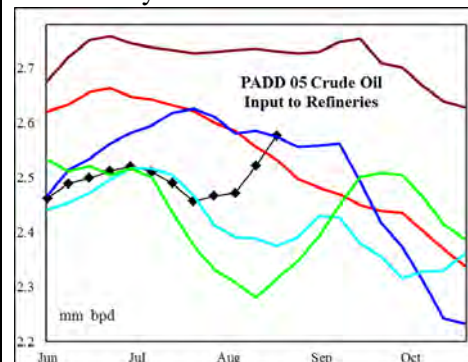
stocks ended the week +16% above last years' record high.

Gasoline production increased +3,000 bpd on the week, to a record high level. Stocks increased +0.1 million barrels to a record high.

Distillate production increased +13,000 bpd, to a level near 5-yr highs for this time of year. Stock levels ended the week equal to historic highs.

Jet fuel production was above the 5-yr range for the week. Stock levels fell below the average of the last 2-yrs.

PADD 5 crude oil refinery runs were unchanged on the week with the level comparable to the last 2-yrs; the latest 4-wk average run rate was -78,000 bpd below last year.



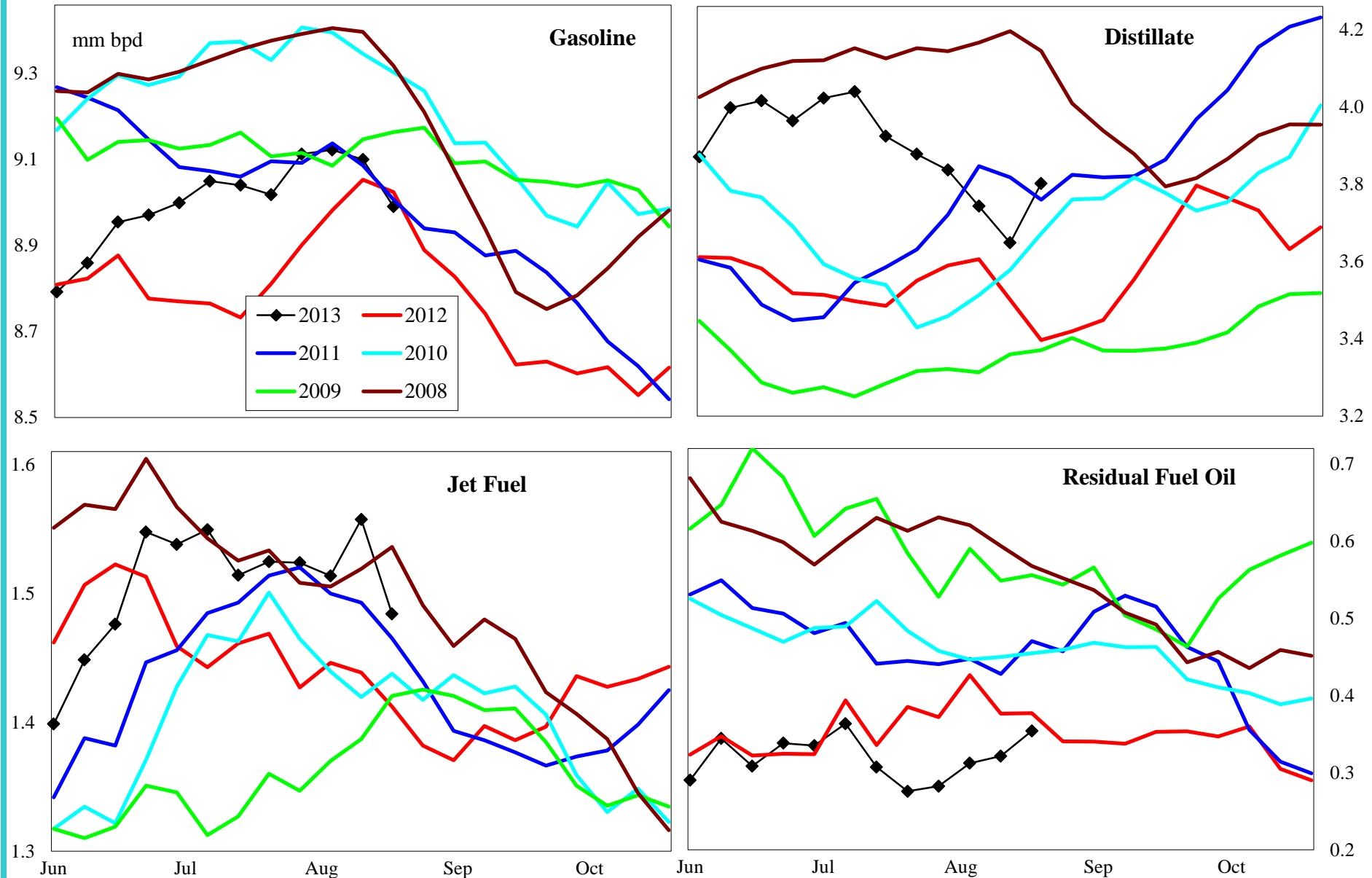
Gasoline supply decreased -59,000 bpd on the week with production near the average of the last 2-yrs. The latest 4-wk average supply was +68,000 bpd above a year ago. Stocks fell -1.1 million barrels on the week, to a level that matched the 3-yr mid range.

Distillate supply increased +34,000 bpd, with production matching record highs for the period. The latest 4-wk average supply was +41,000 bpd above last year. Stocks increased +0.1 million barrels with the level near the 3-yr mid range.

Jet fuel supply decreased -8,000 bpd last week with the level below last year. Stocks declined -0.5 million barrels to a level -17% below the 5-yr range.

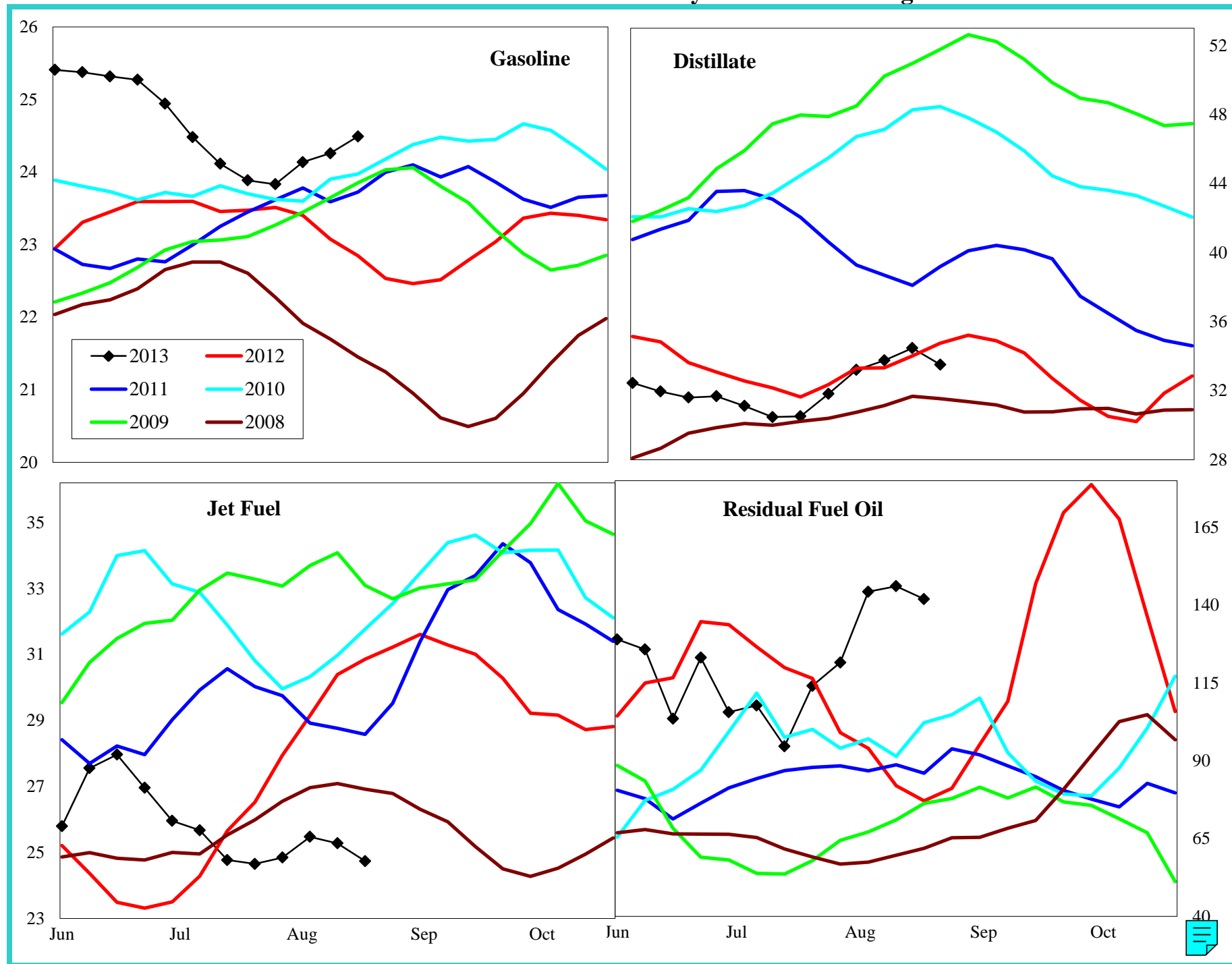
Residual fuel oil supplies decreased -33,000 bpd last week, with the 4-wk average comparable to last year. Stock levels were +15% above a year ago.

United States Wholesale Petroleum Demand

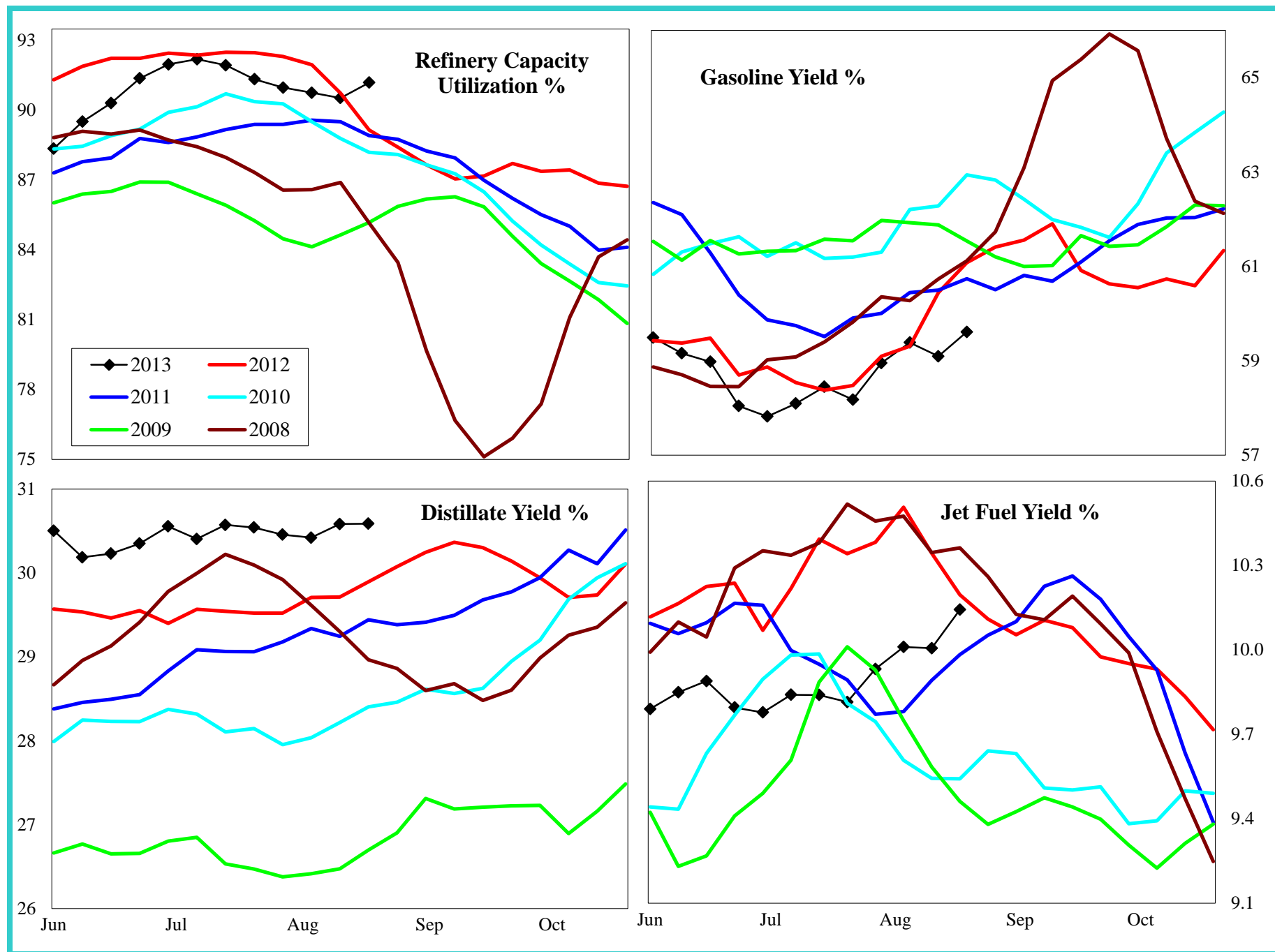


	000 bpd change from prior year				% change from prior year			
	4wk avg	Jul	Jun	May	4wk avg	Jul	Jun	May
Gasoline	94	207	-116	-13	1.0	2.3	-1.3	-0.1
Distillate	114	442	380	27	3.1	12.4	10.2	0.7
Jet Fuel	79	68	-56	7	5.3	4.6	-3.6	0.5
Resid	-72	-147	-100	-79	-20.6	-35.2	-26.9	-26.9

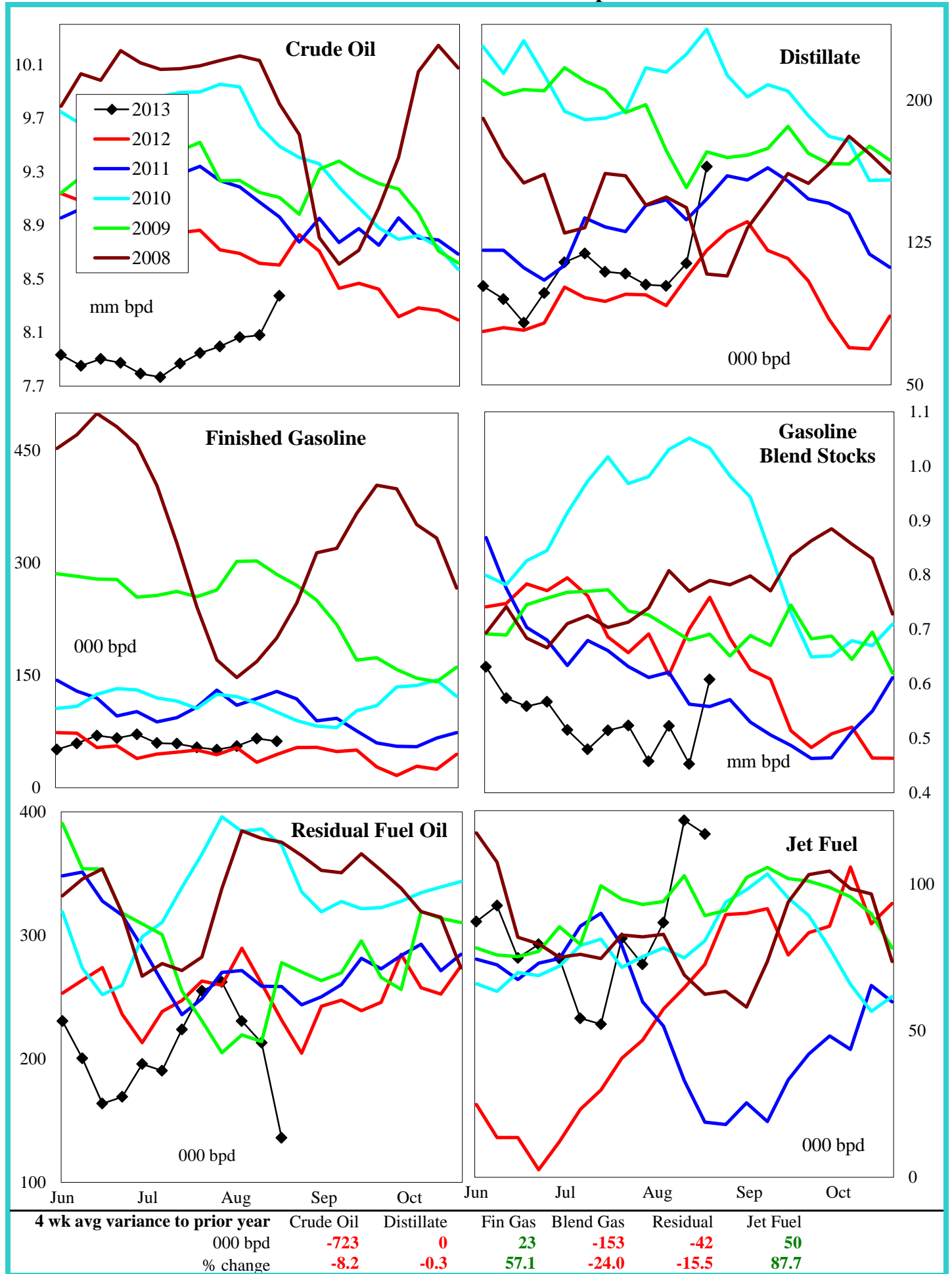


United States Product Stocks: Days Forward Coverage

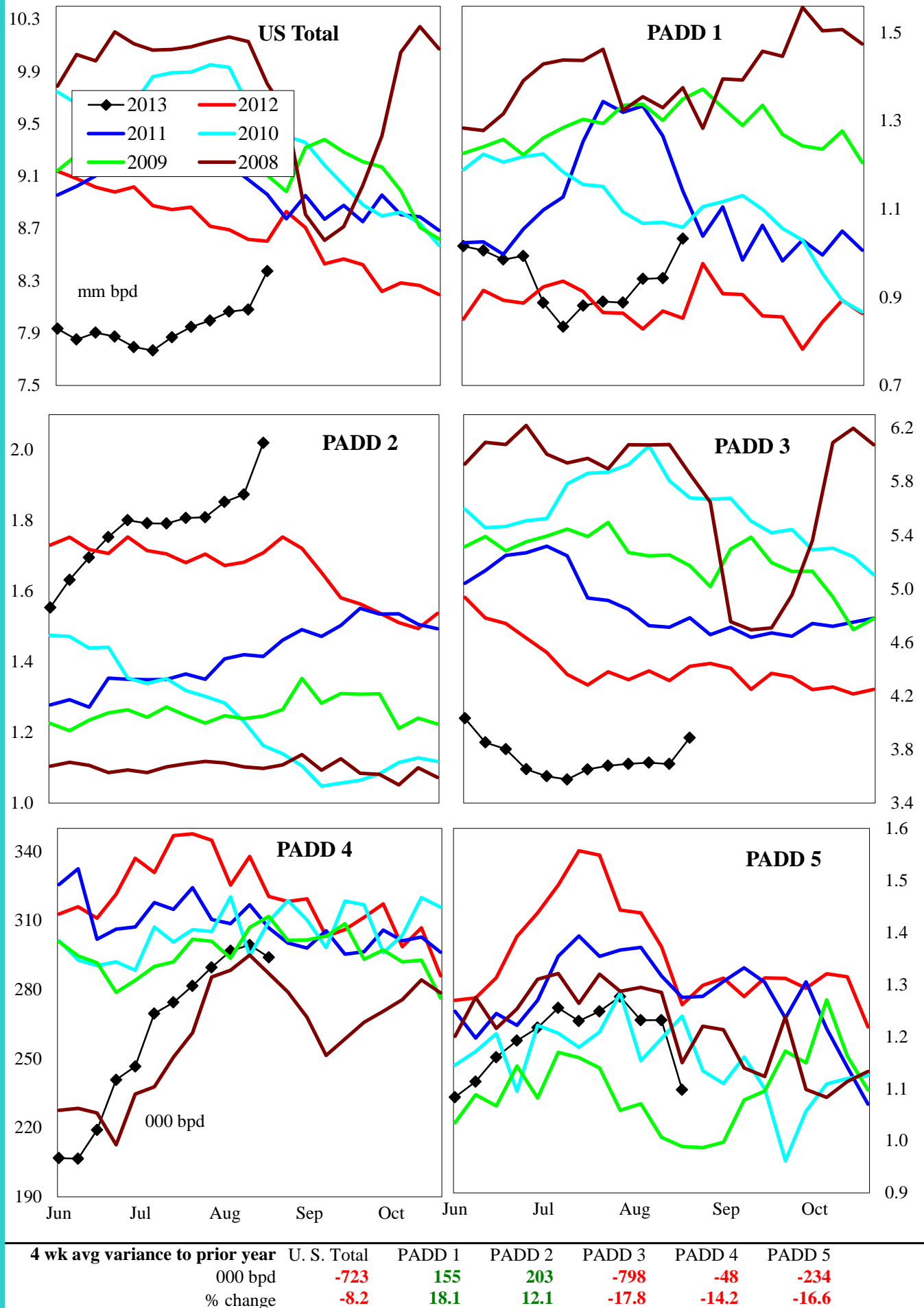
United States Refinery Percent Utilization Rate and Product Yields



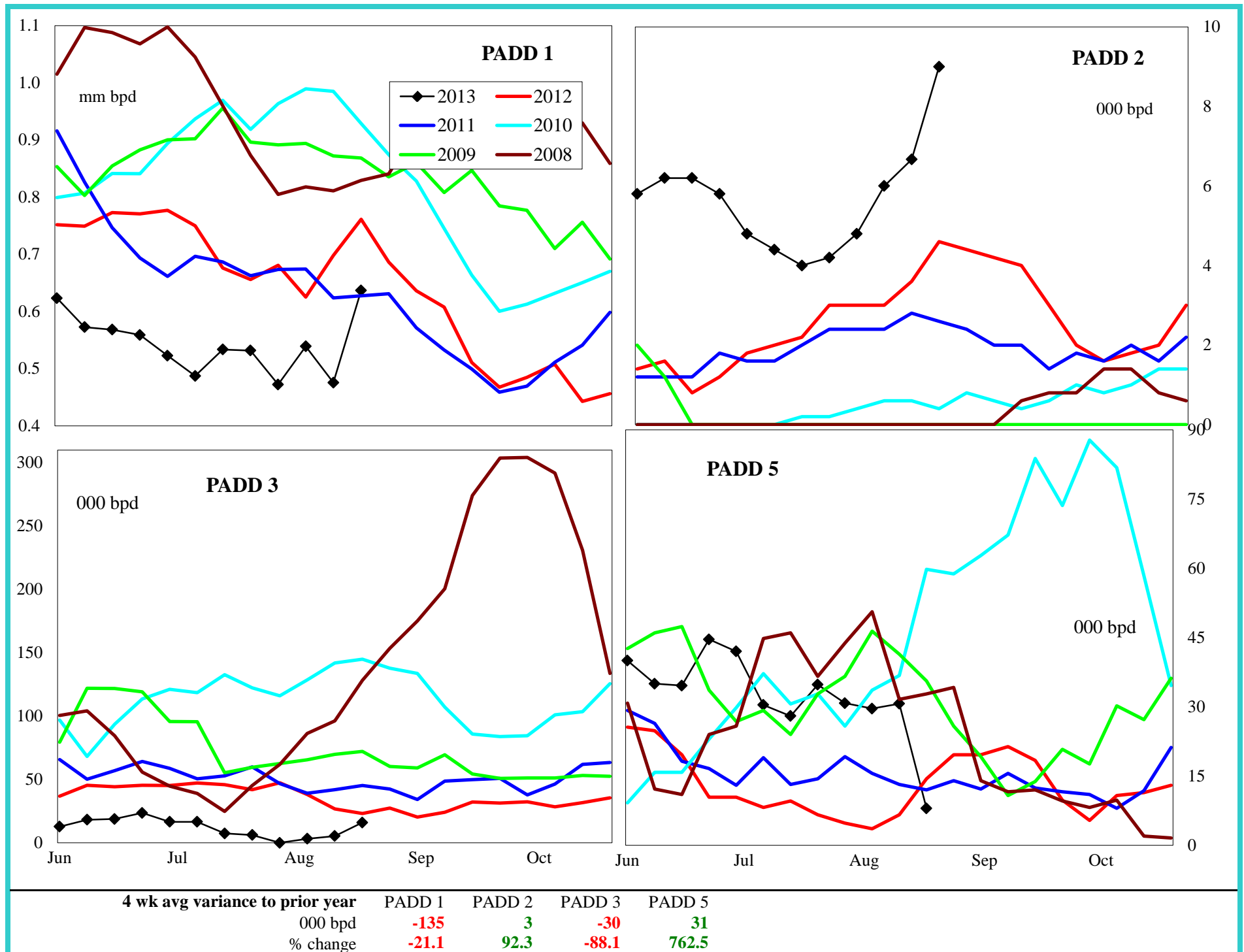
United States Petroleum Imports



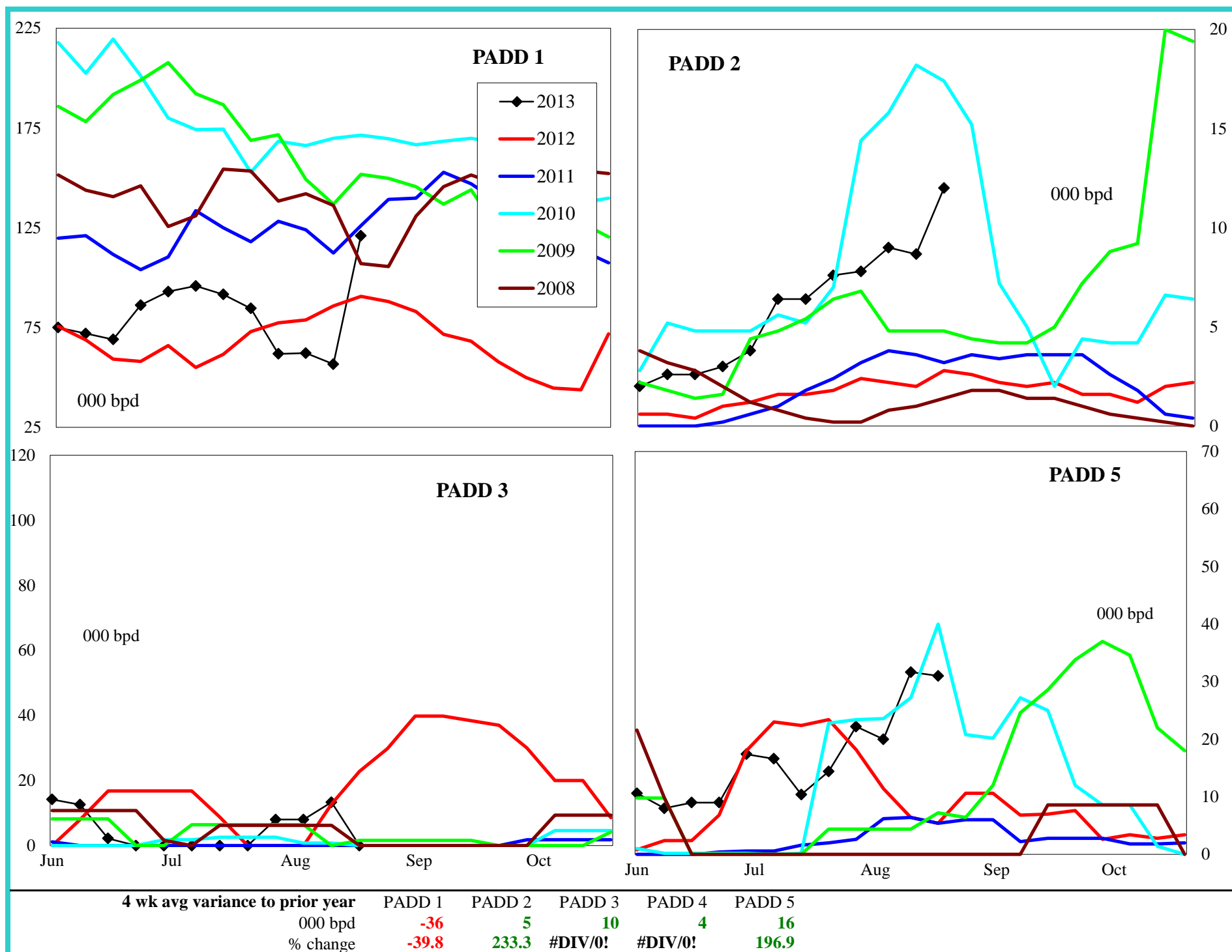
Crude Oil Imports by PADD



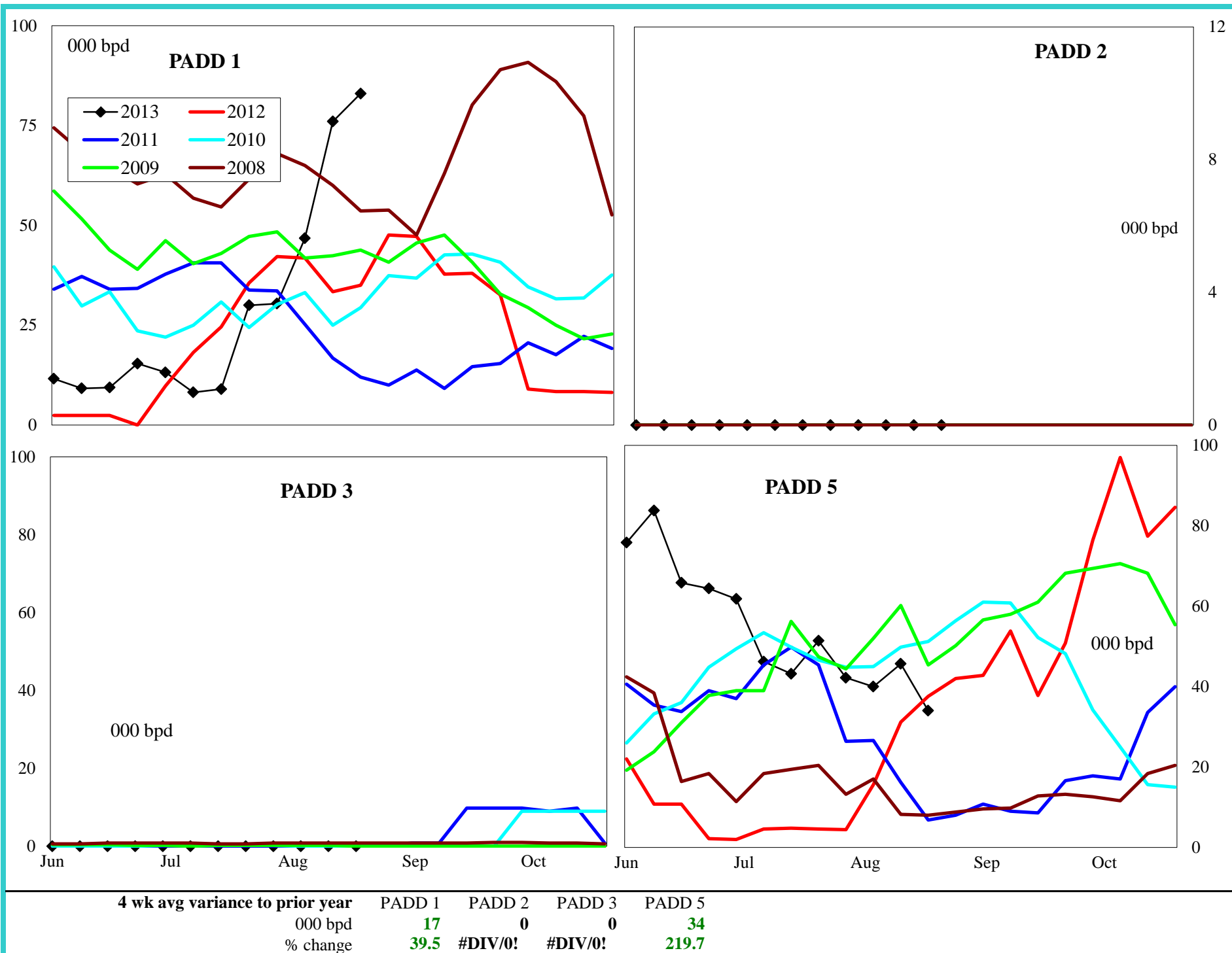
Gasoline Imports by PADD (Finished + Blend Stocks)



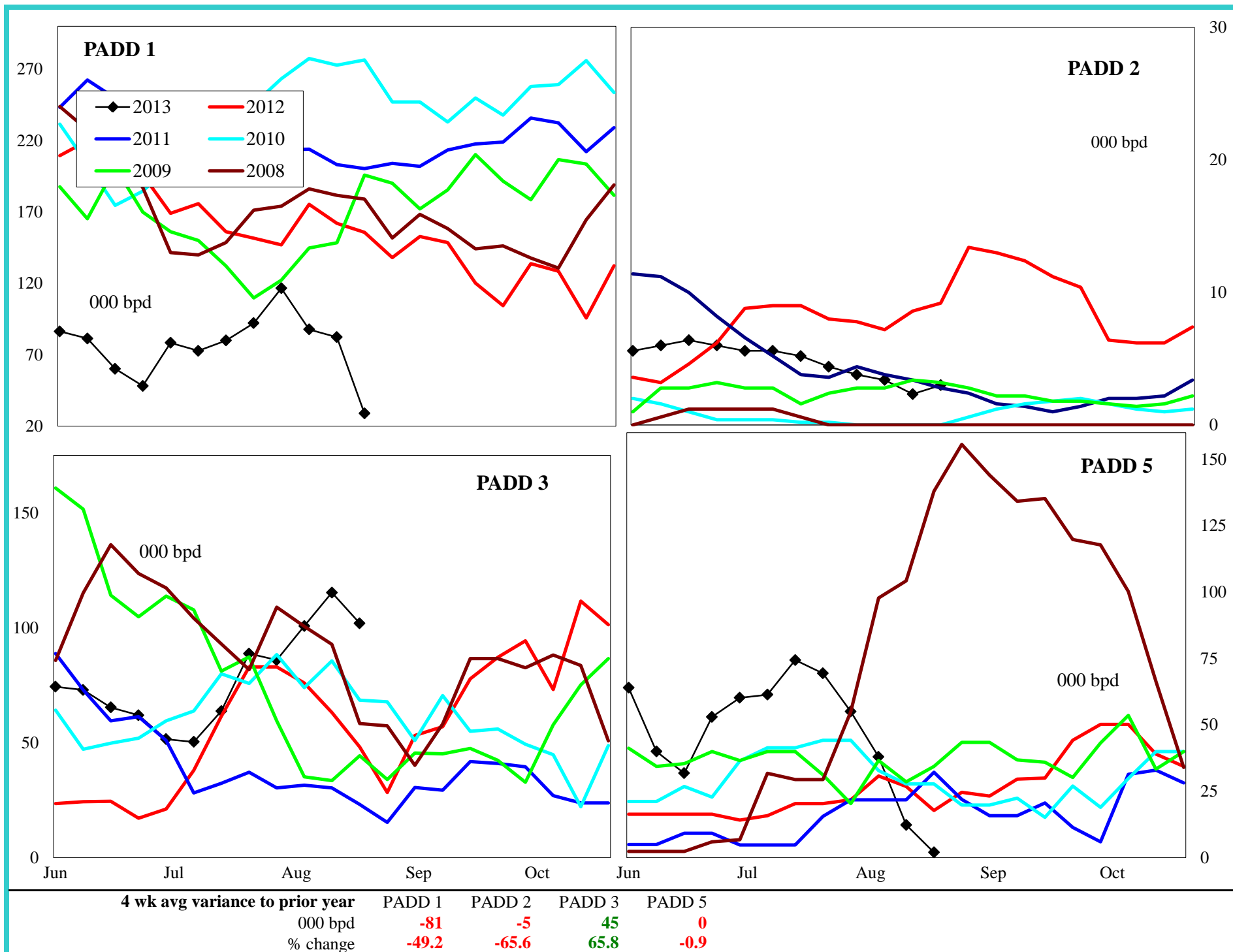
Distillate Imports by PADD



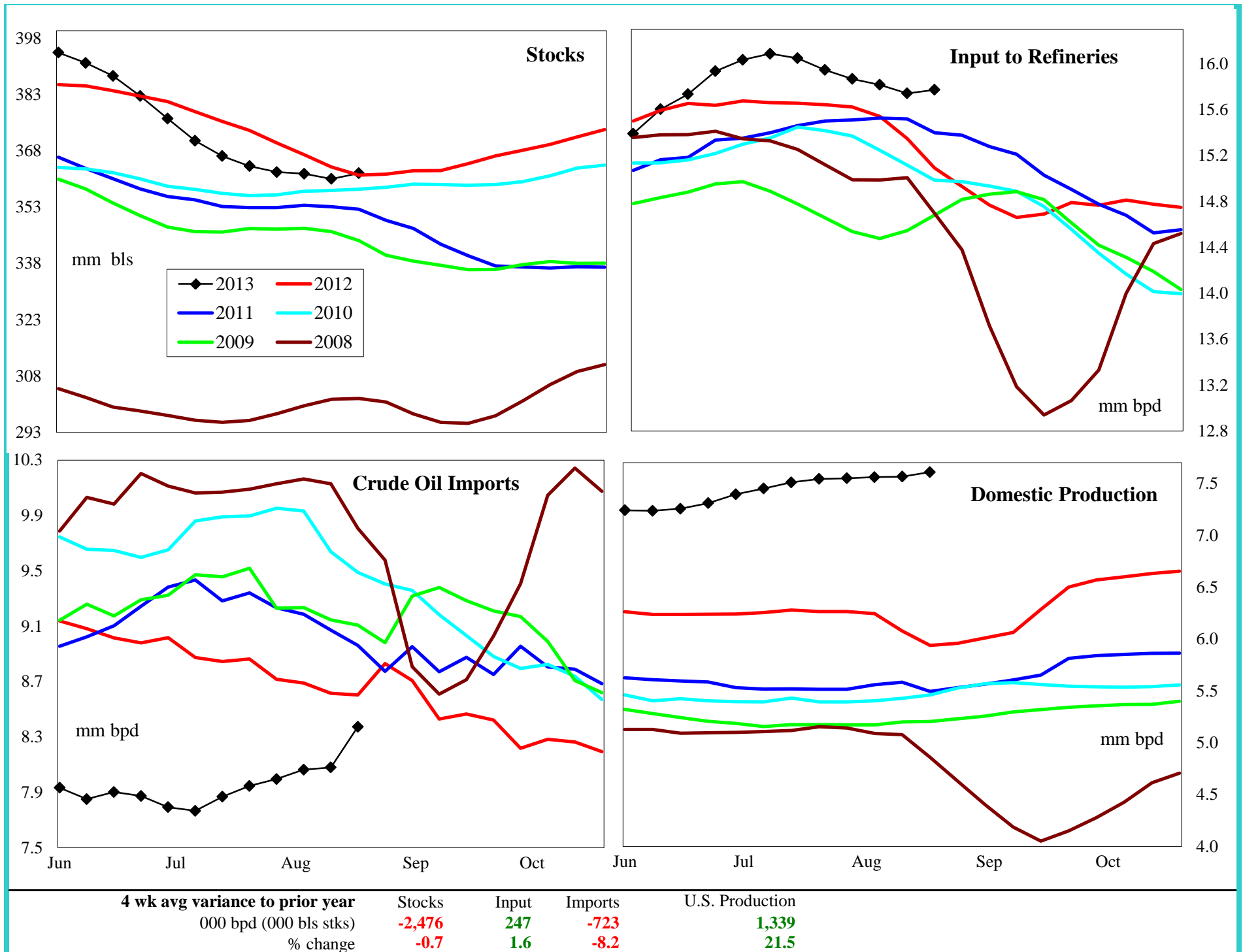
Jet Fuel Imports by PADD



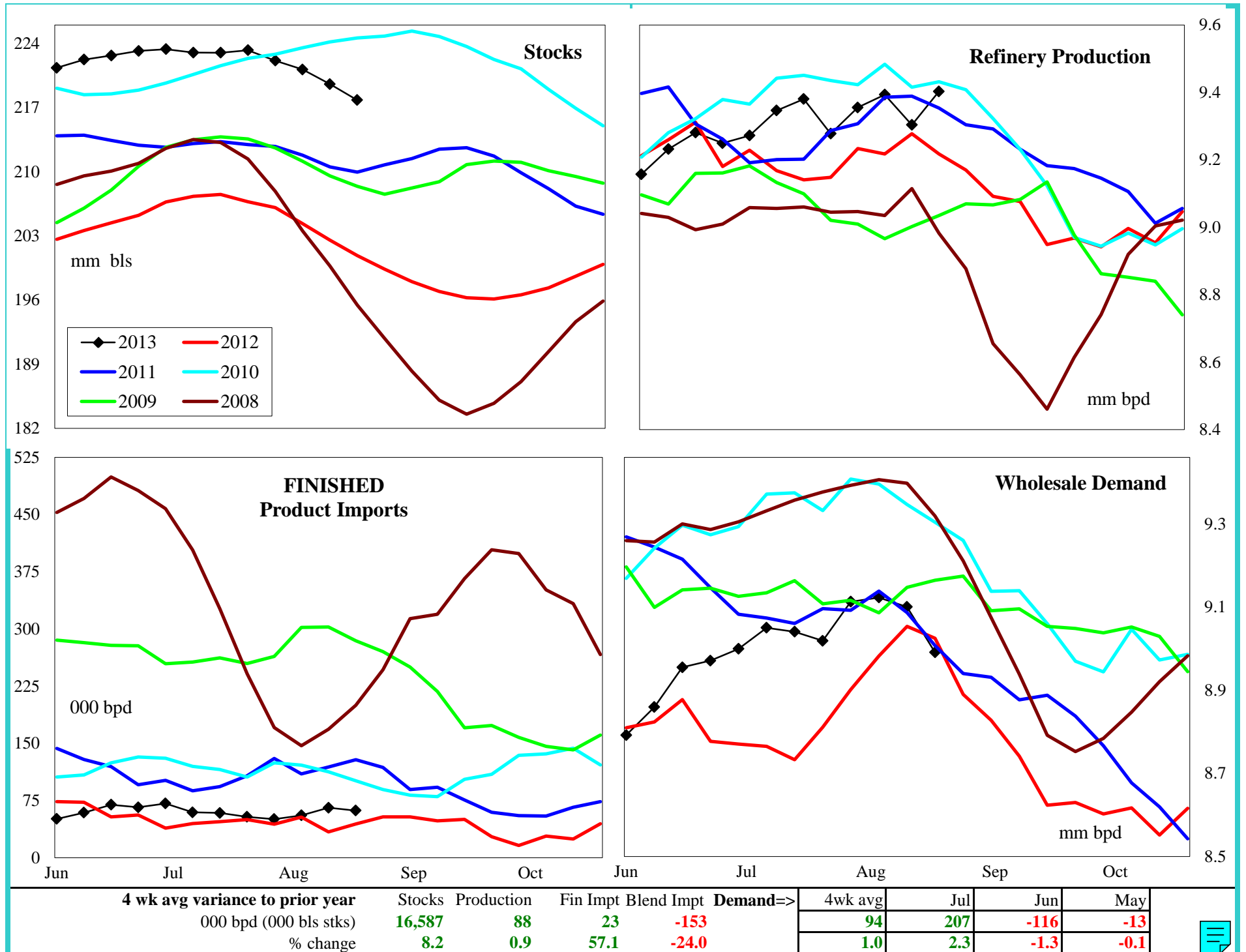
Residual Fuel Oil Imports by PADD



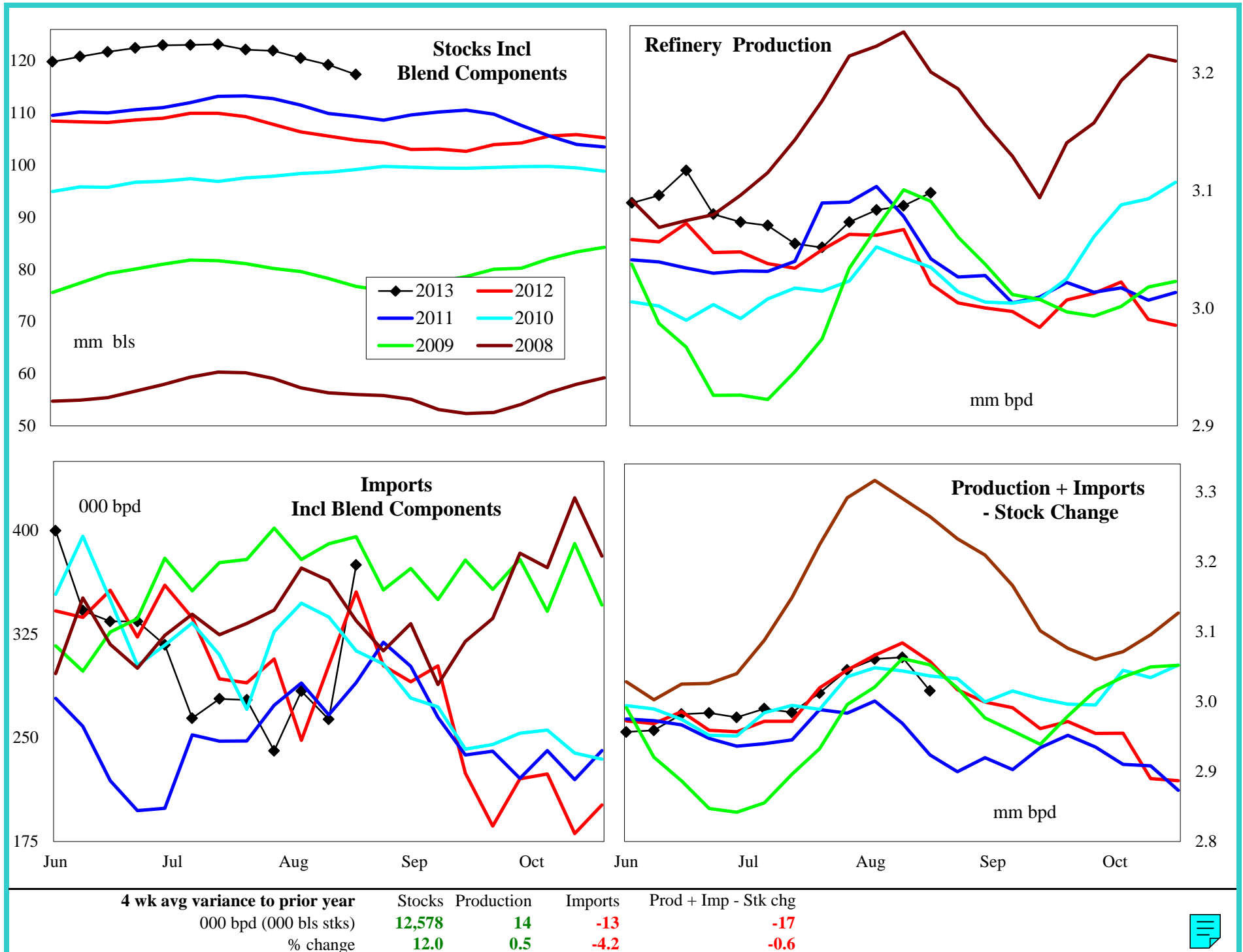
United States Crude Oil Supply and Demand Balance



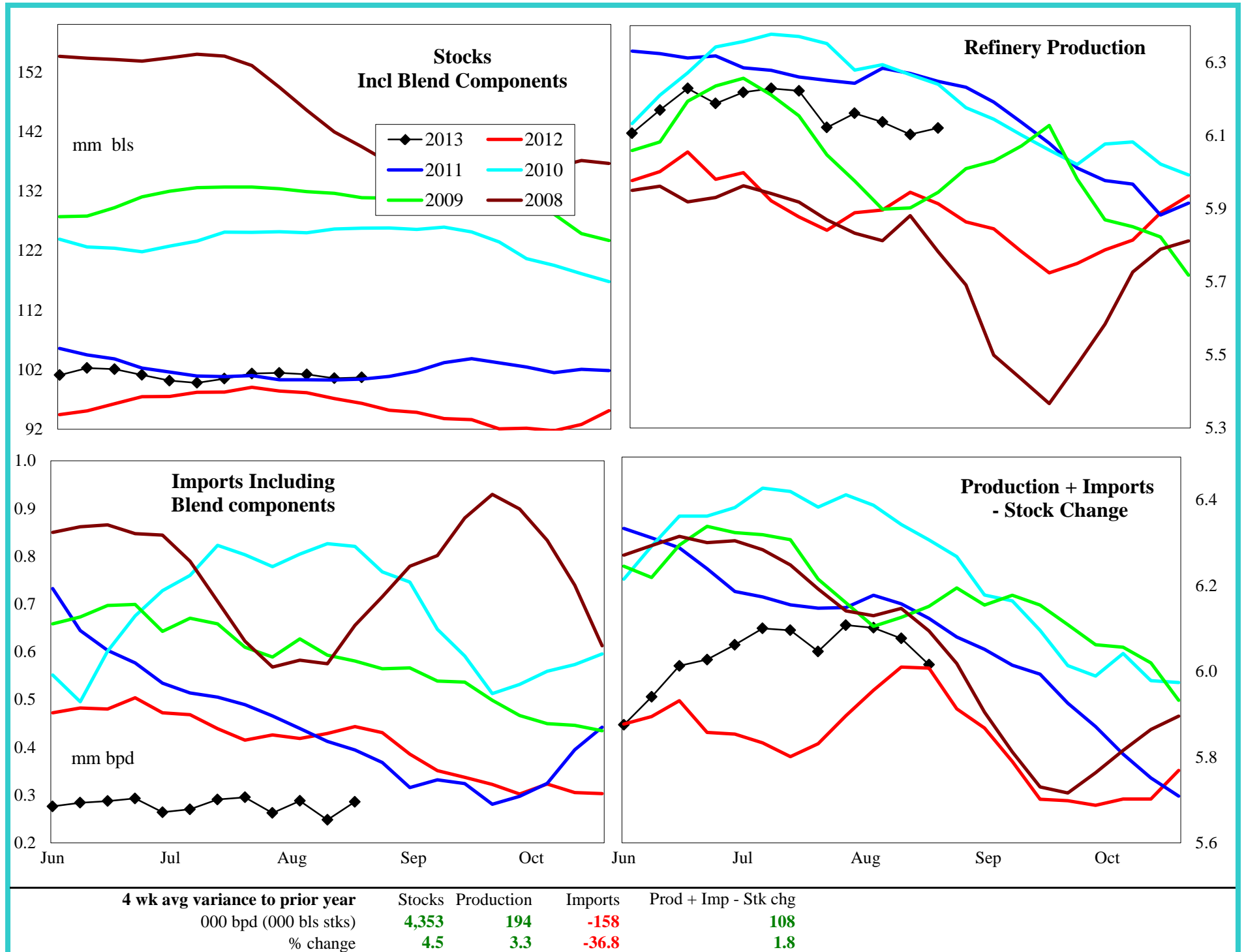
United States Gasoline Supply and Demand Balance



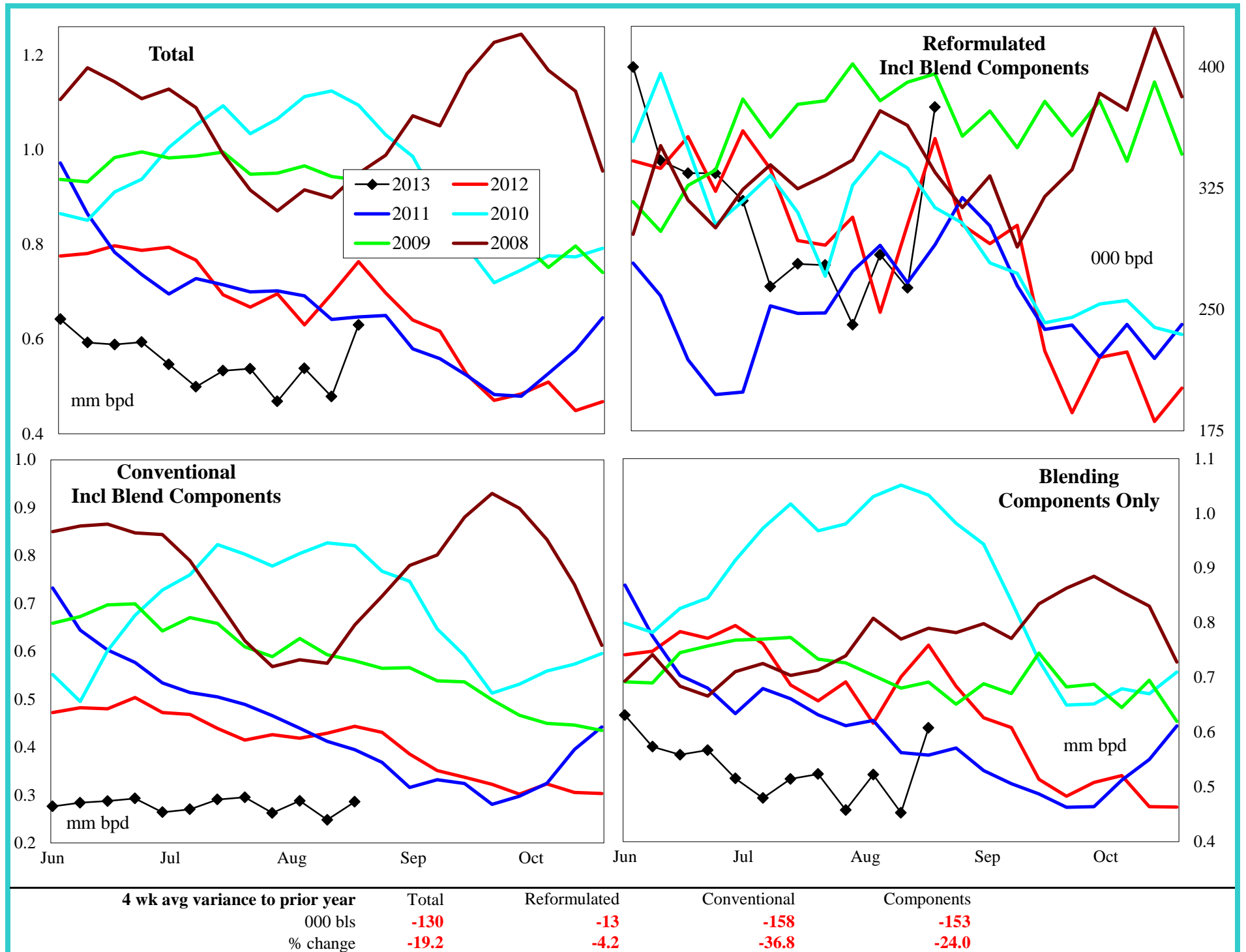
United States Reformulated Gasoline Supply



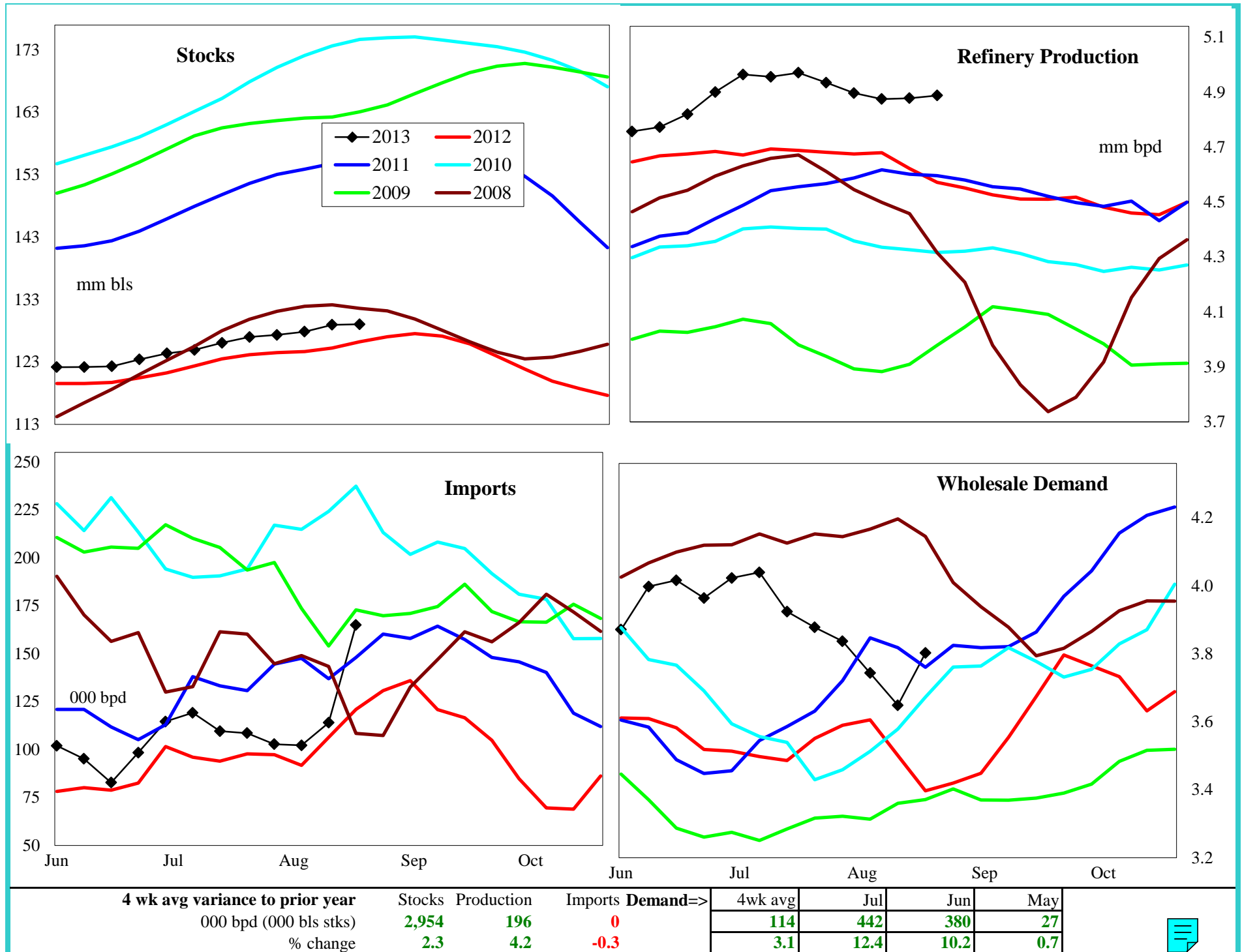
United States Conventional Gasoline Supply



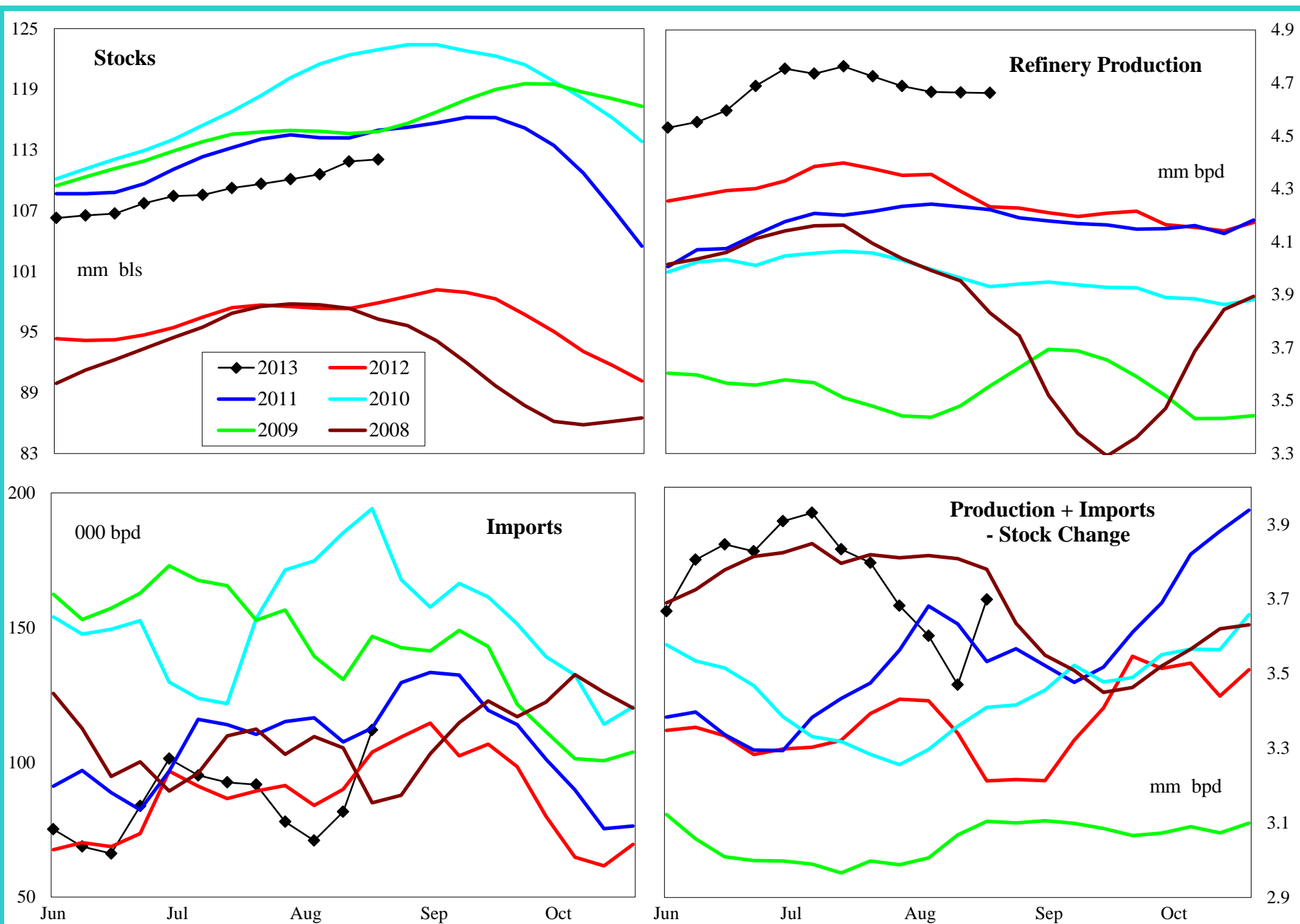
United States Gasoline Imports by Type



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

14,080

14.4

Production

337

7.8

Imports

-15

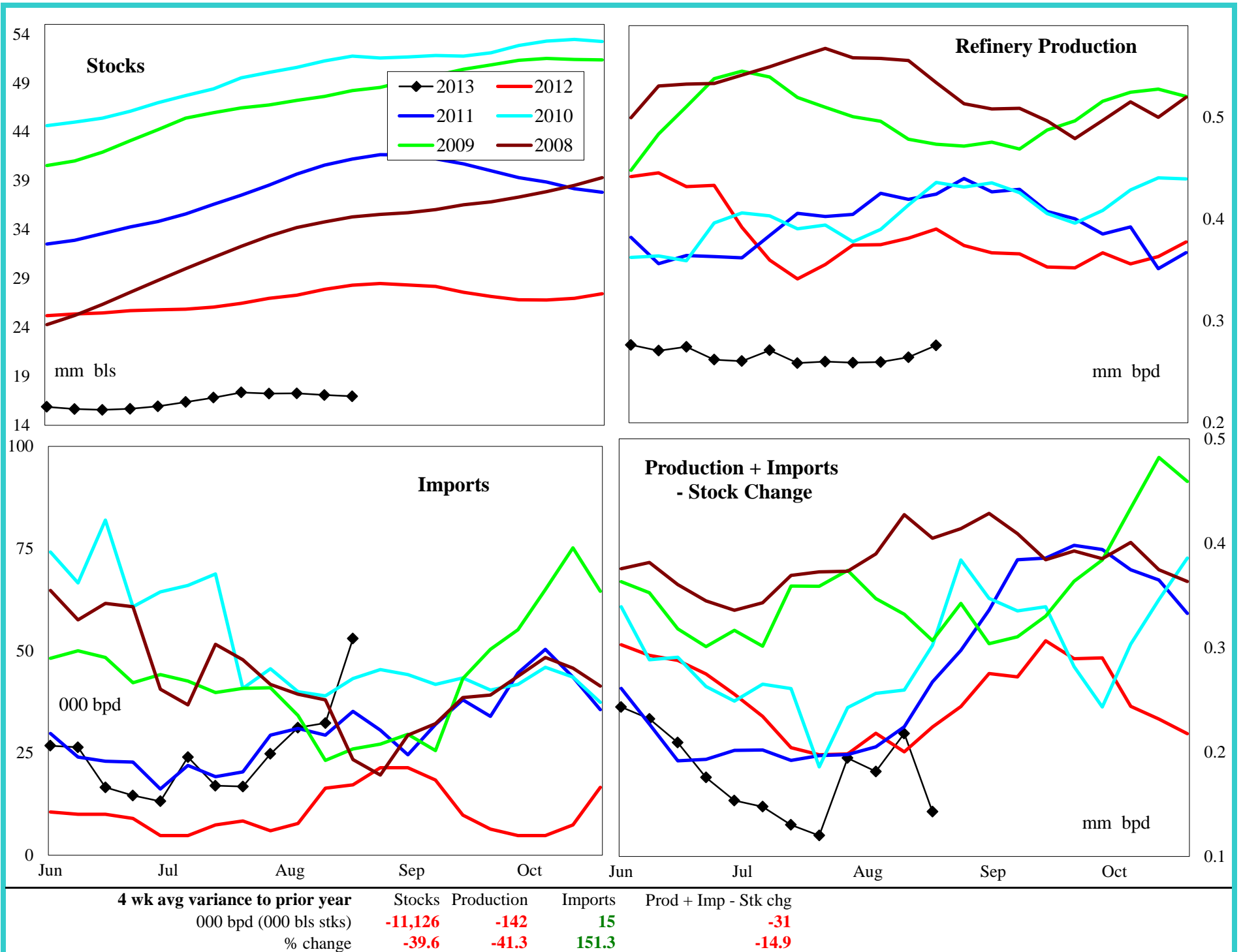
-16.8

Prod + Imp - Stk chg

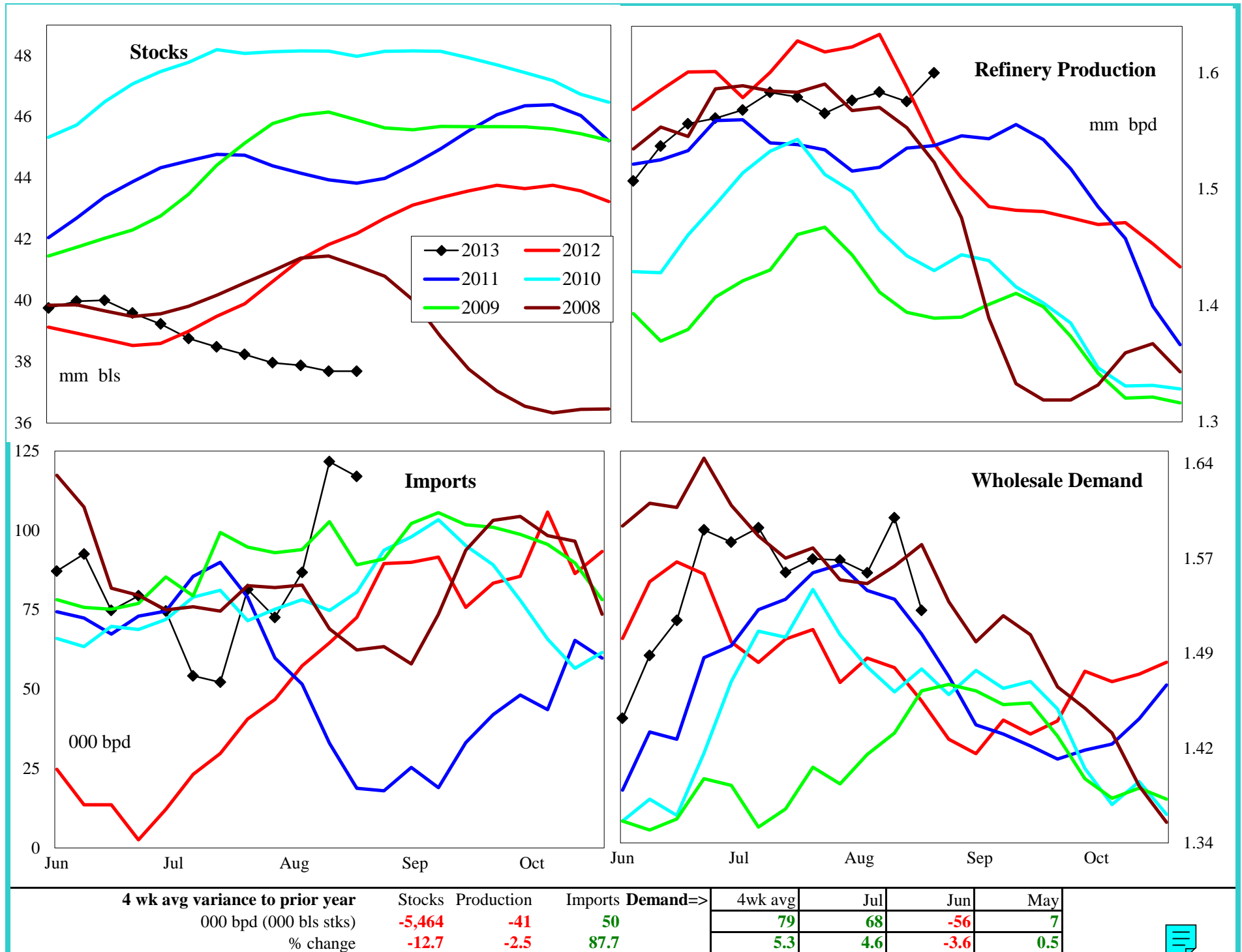
145

4.2

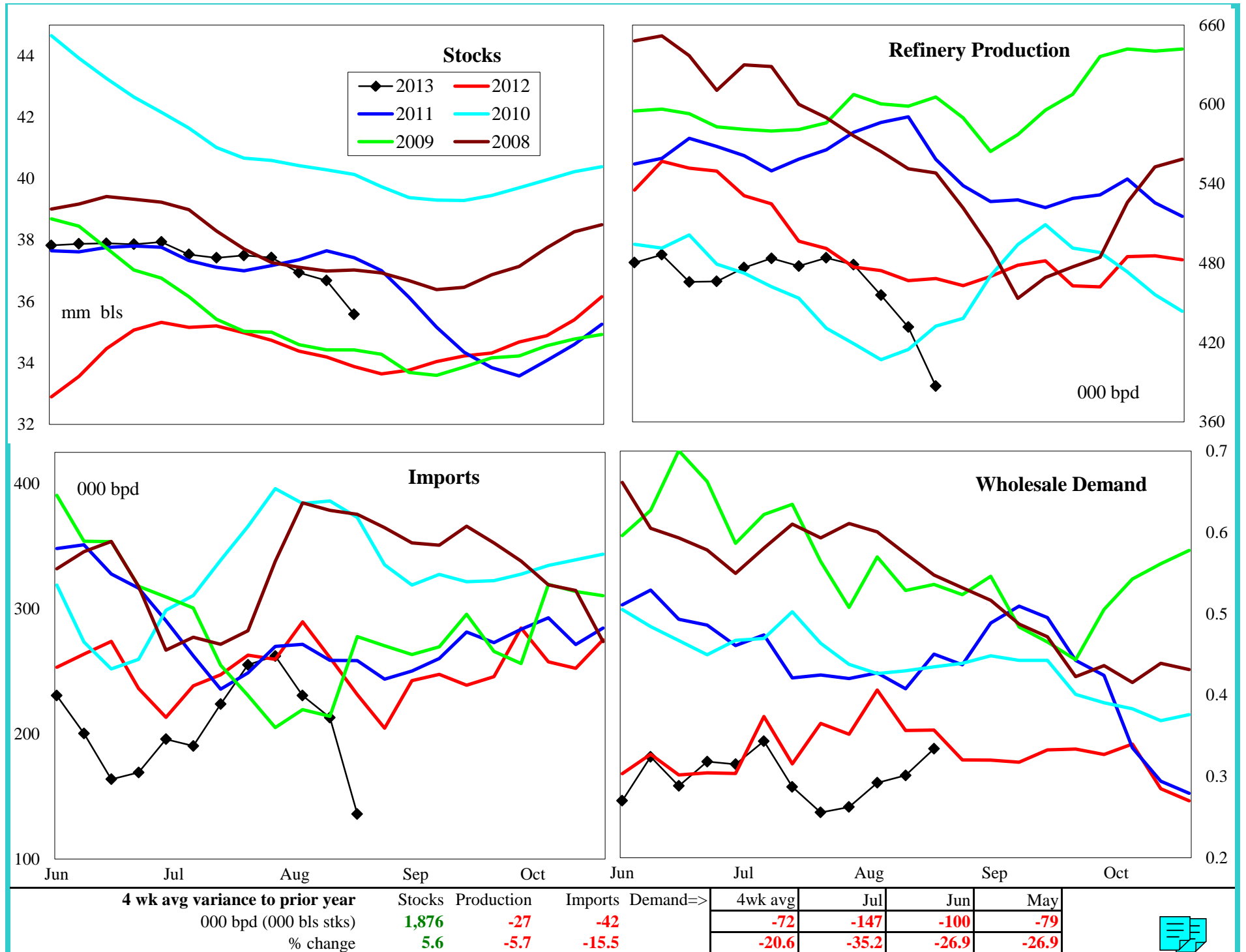
United States High Sulfur Distillate Supply



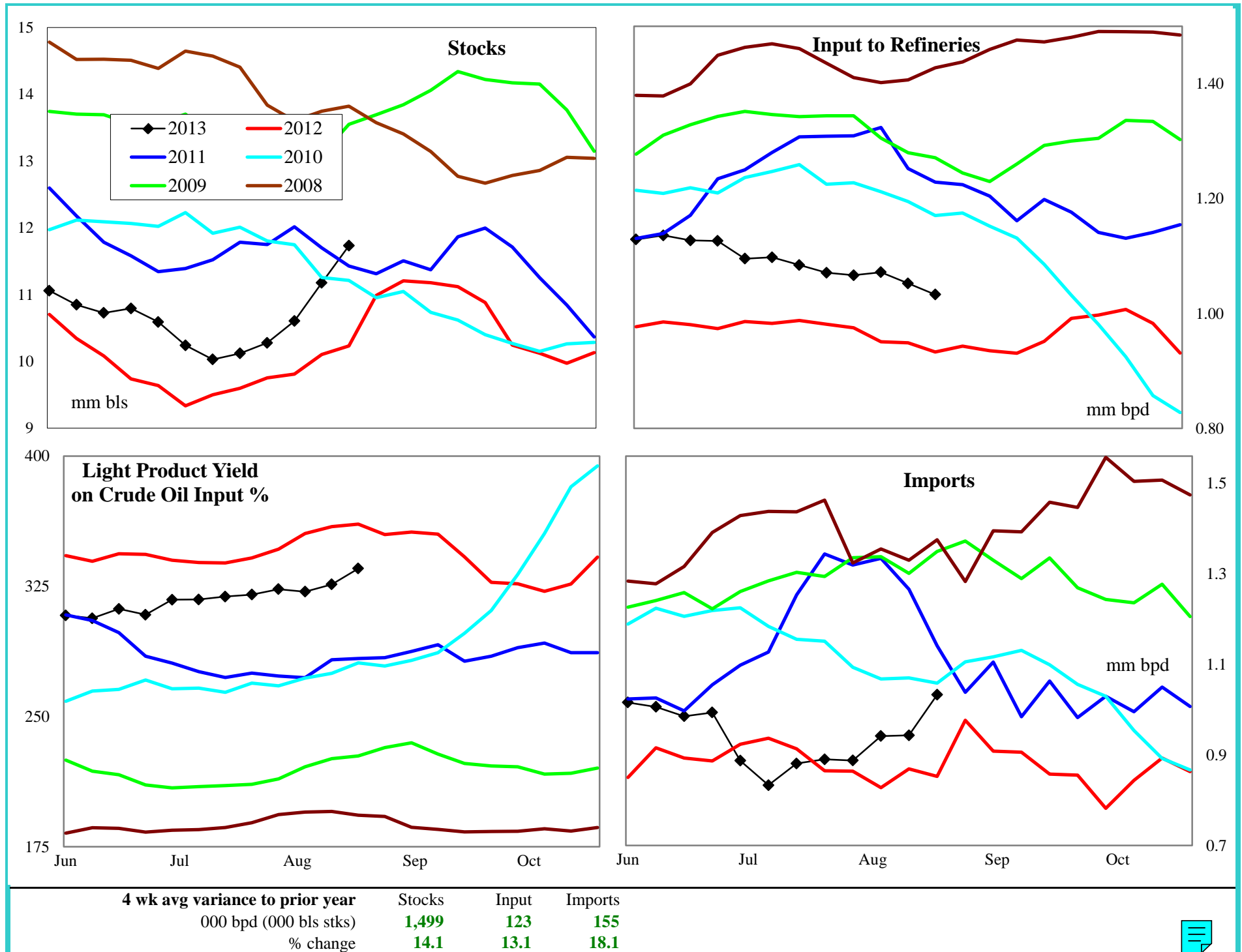
United States Jet Fuel Supply and Demand Balance



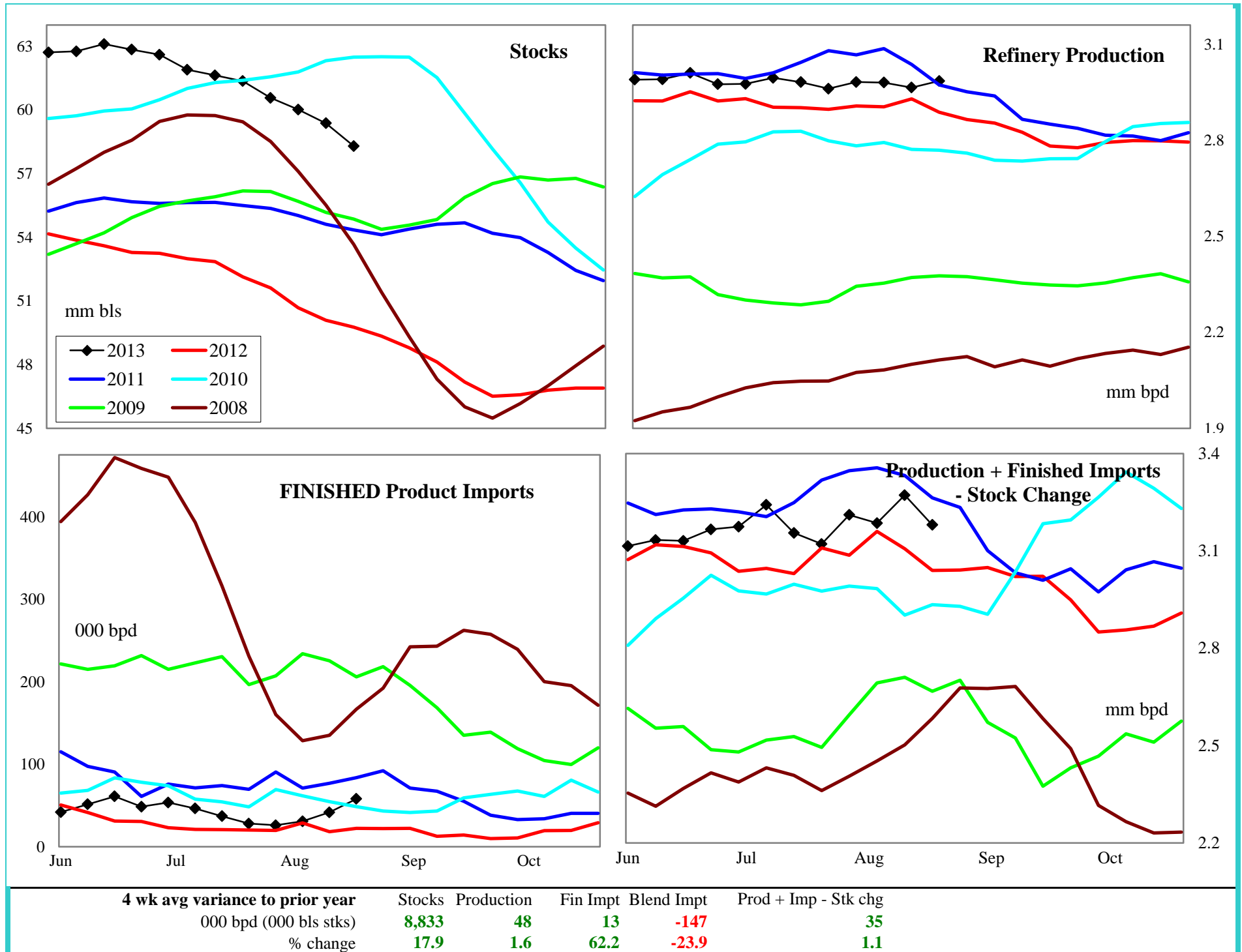
United States Residual Fuel Oil Supply and Demand Balance



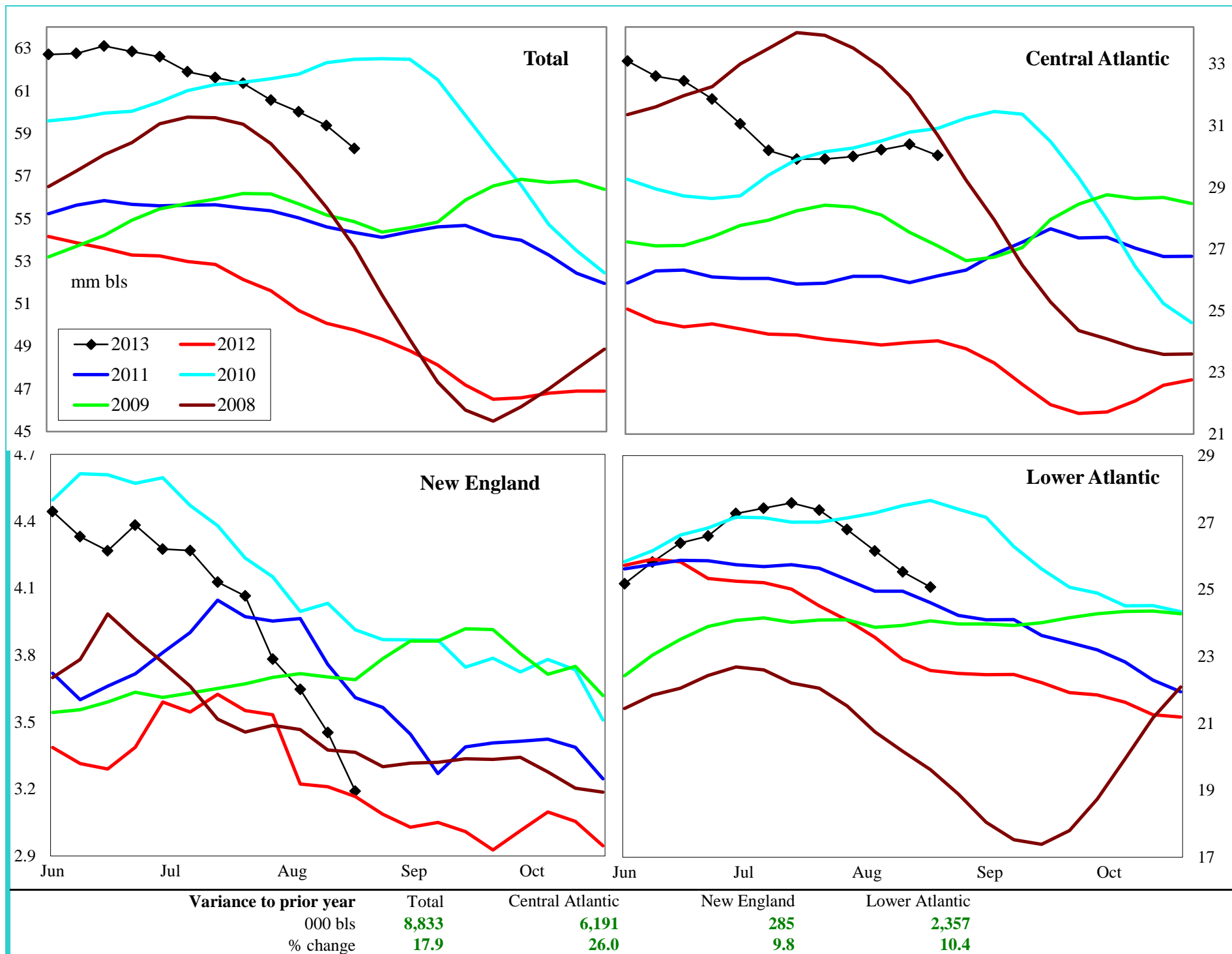
PADD 1 Crude Oil Supply and Refining



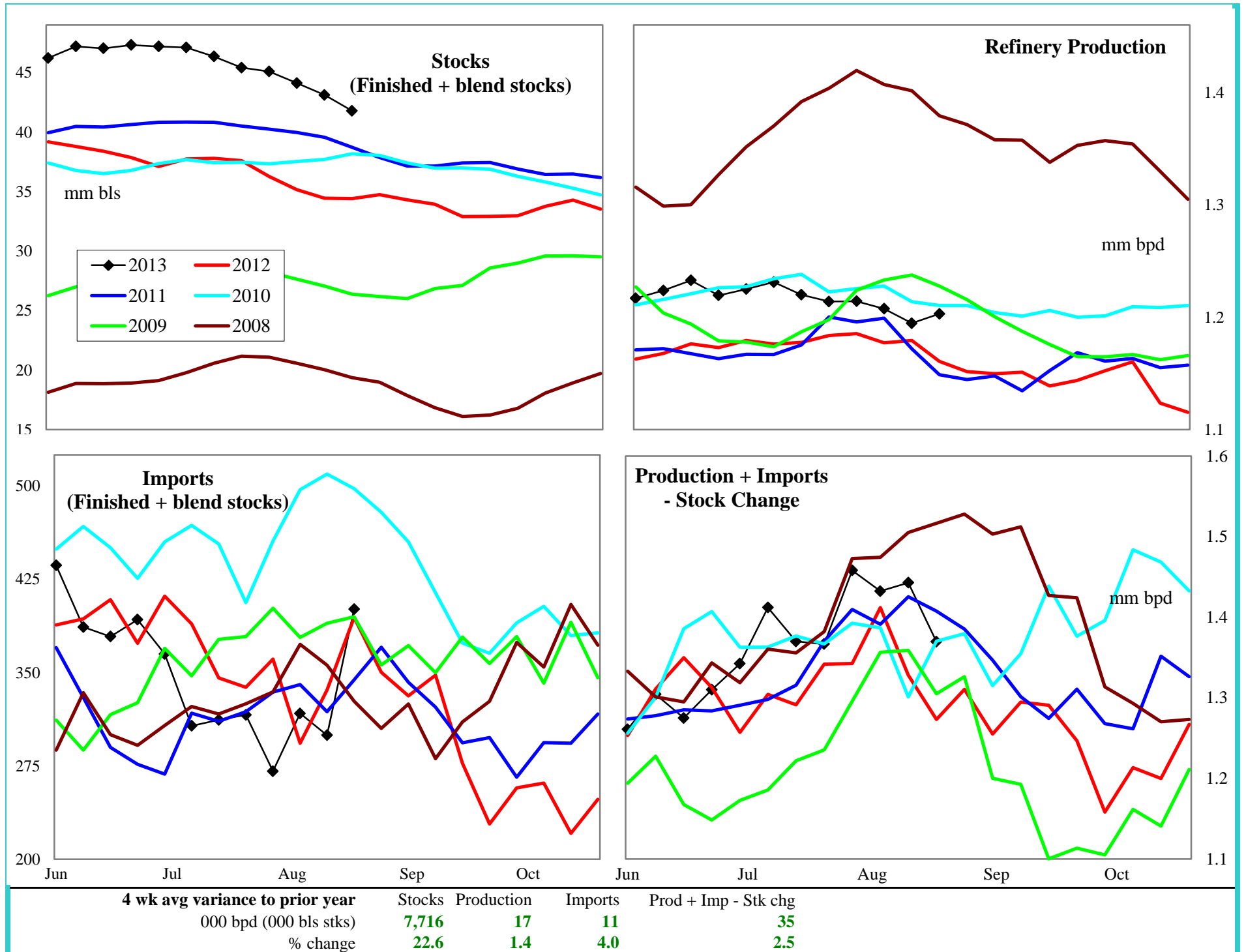
PADD 1 Gasoline Supply



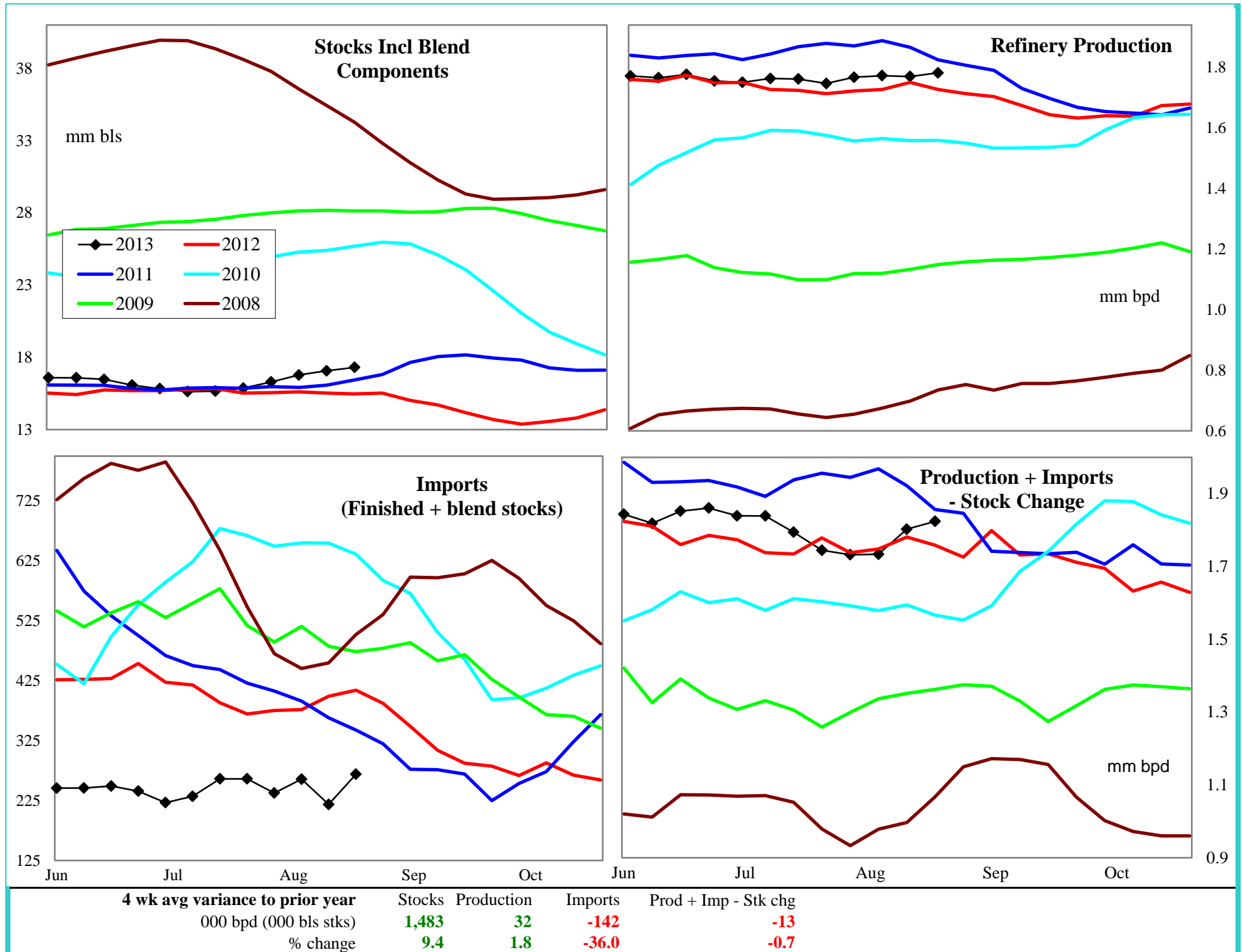
PADD 1 Gasoline Stocks by Region



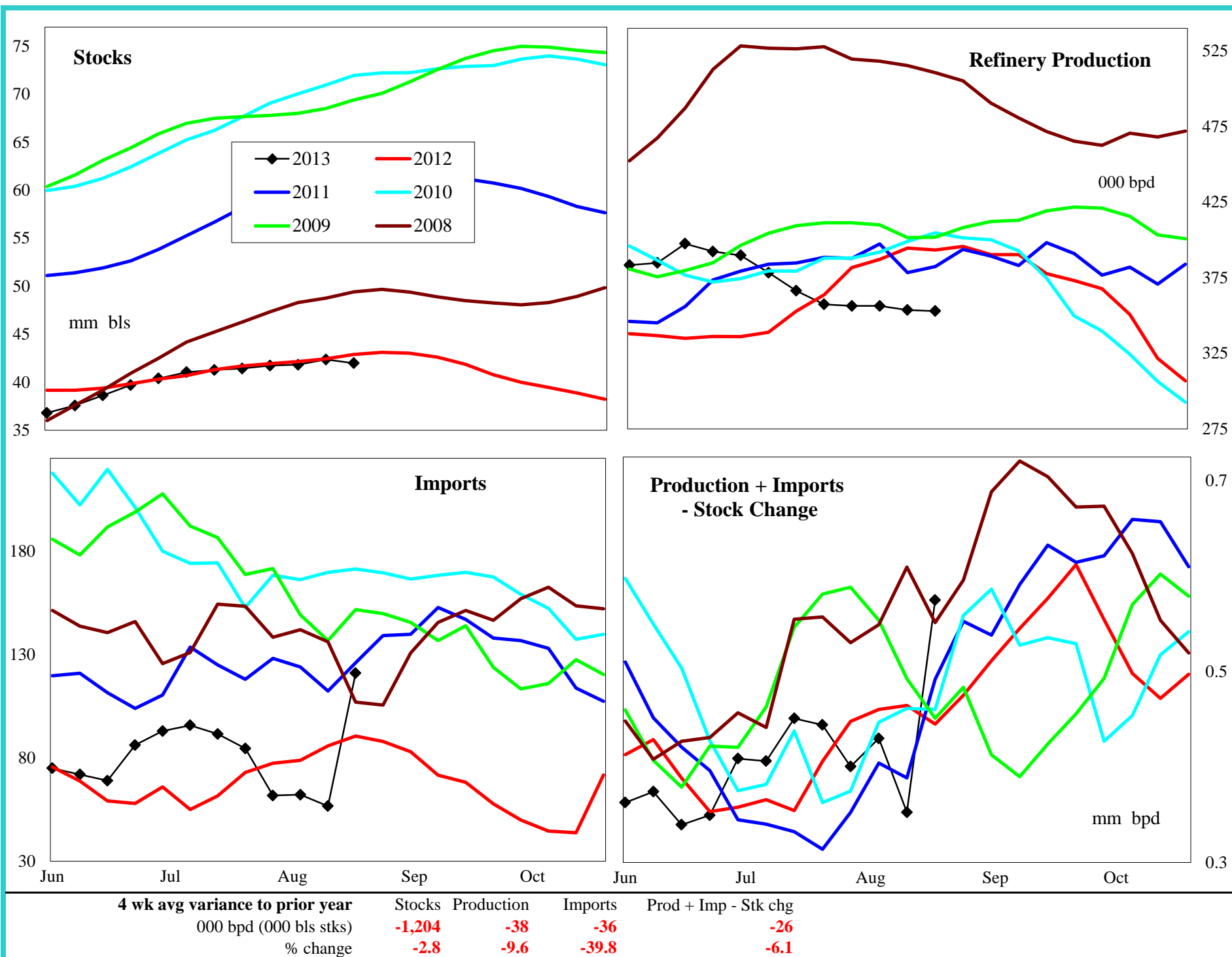
PADD 1 Reformulated Gasoline Supply



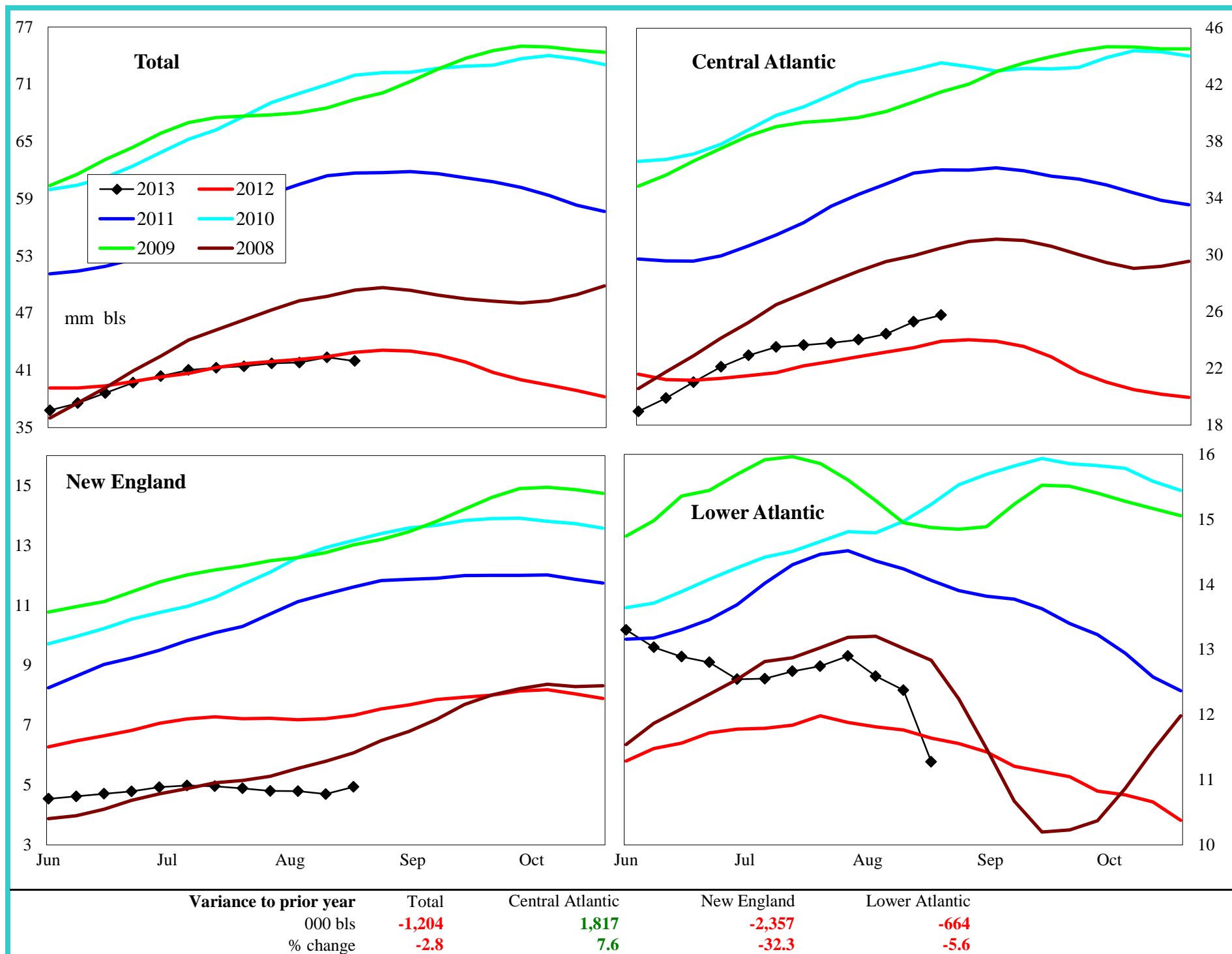
PADD 1 Conventional Gasoline Supply



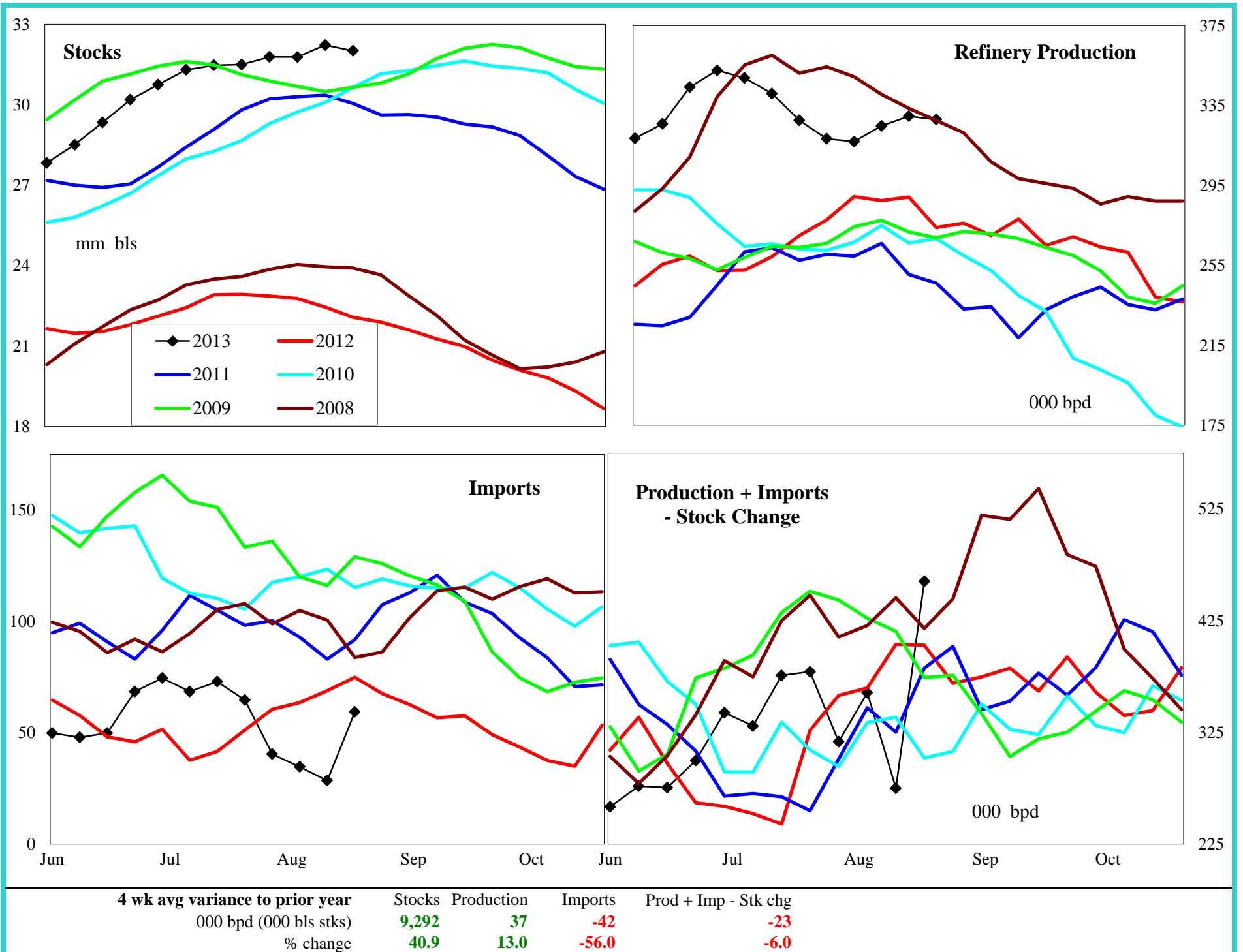
PADD 1 Distillate Supply



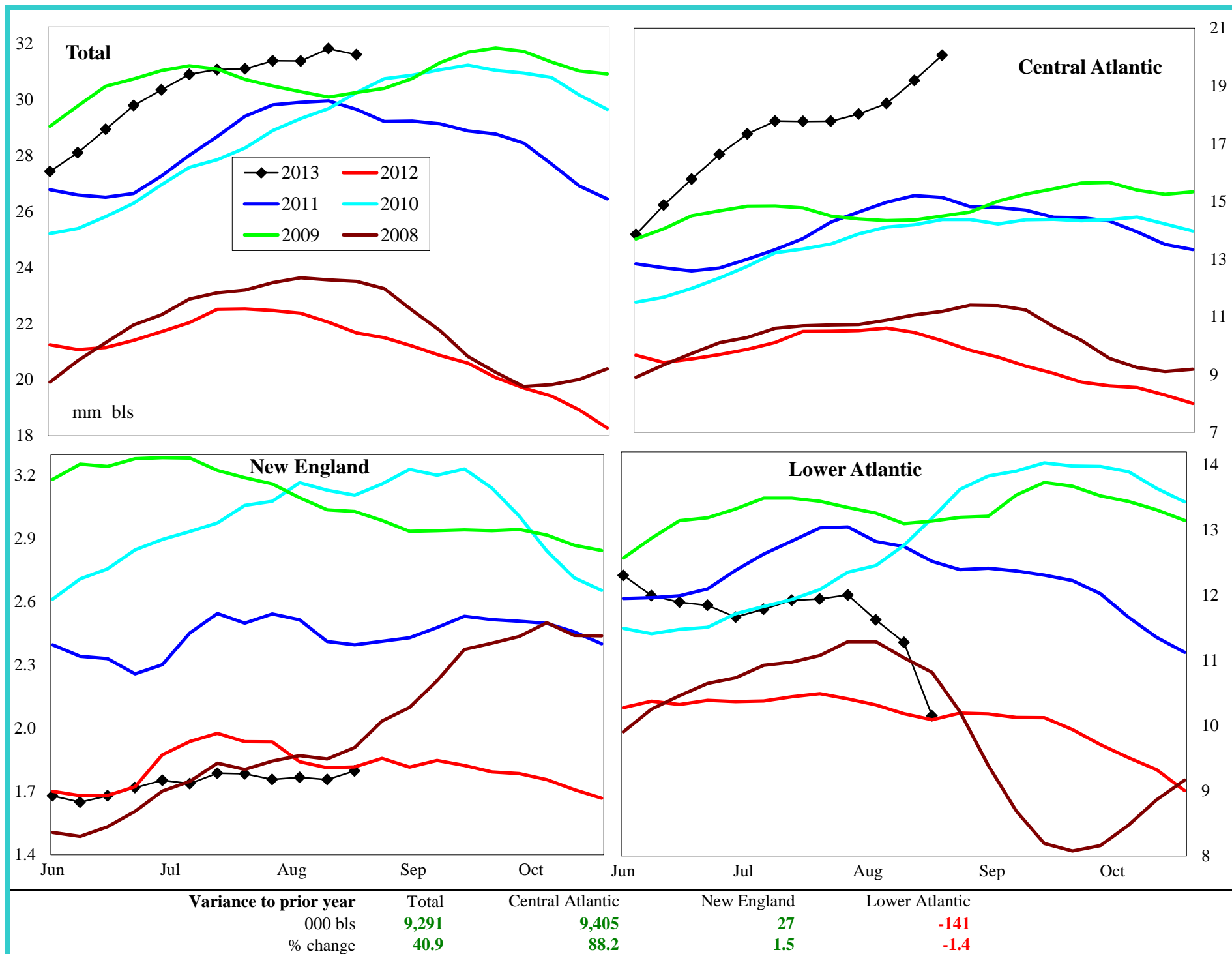
PADD 1 Distillate Stocks by Region



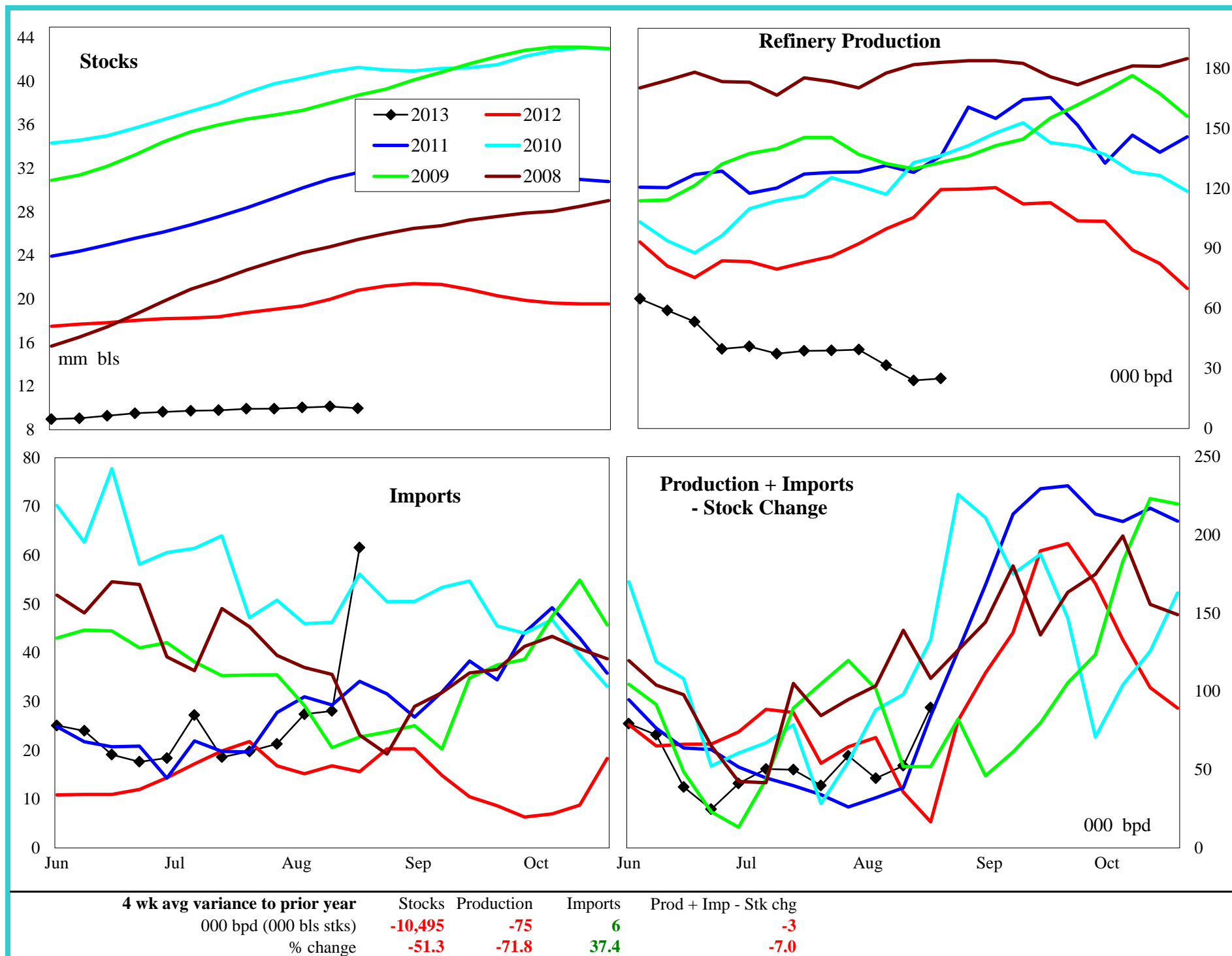
PADD 1 Low Sulfur Distillate Supply



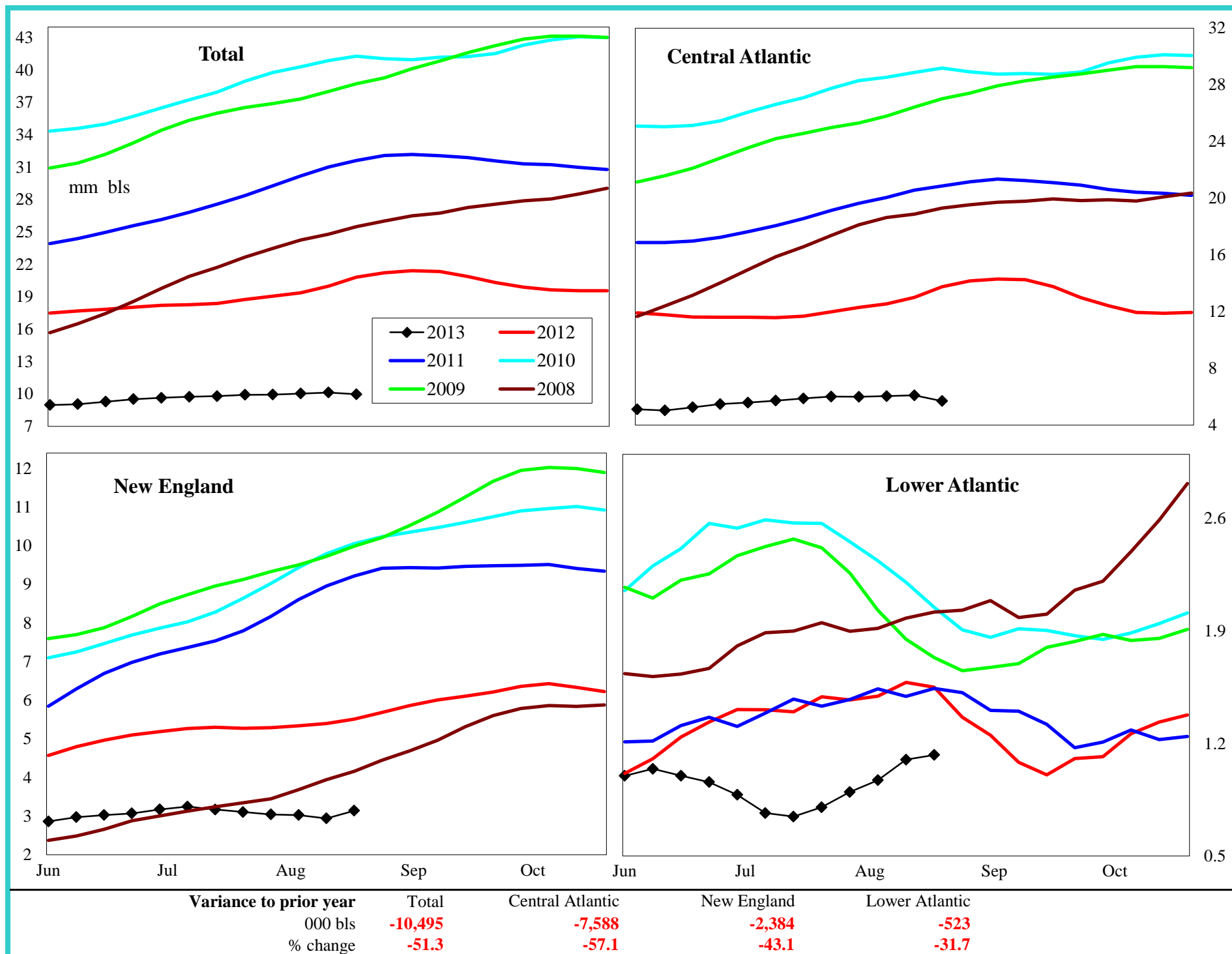
PADD 1 Low Sulfur Distillate Stocks by Region



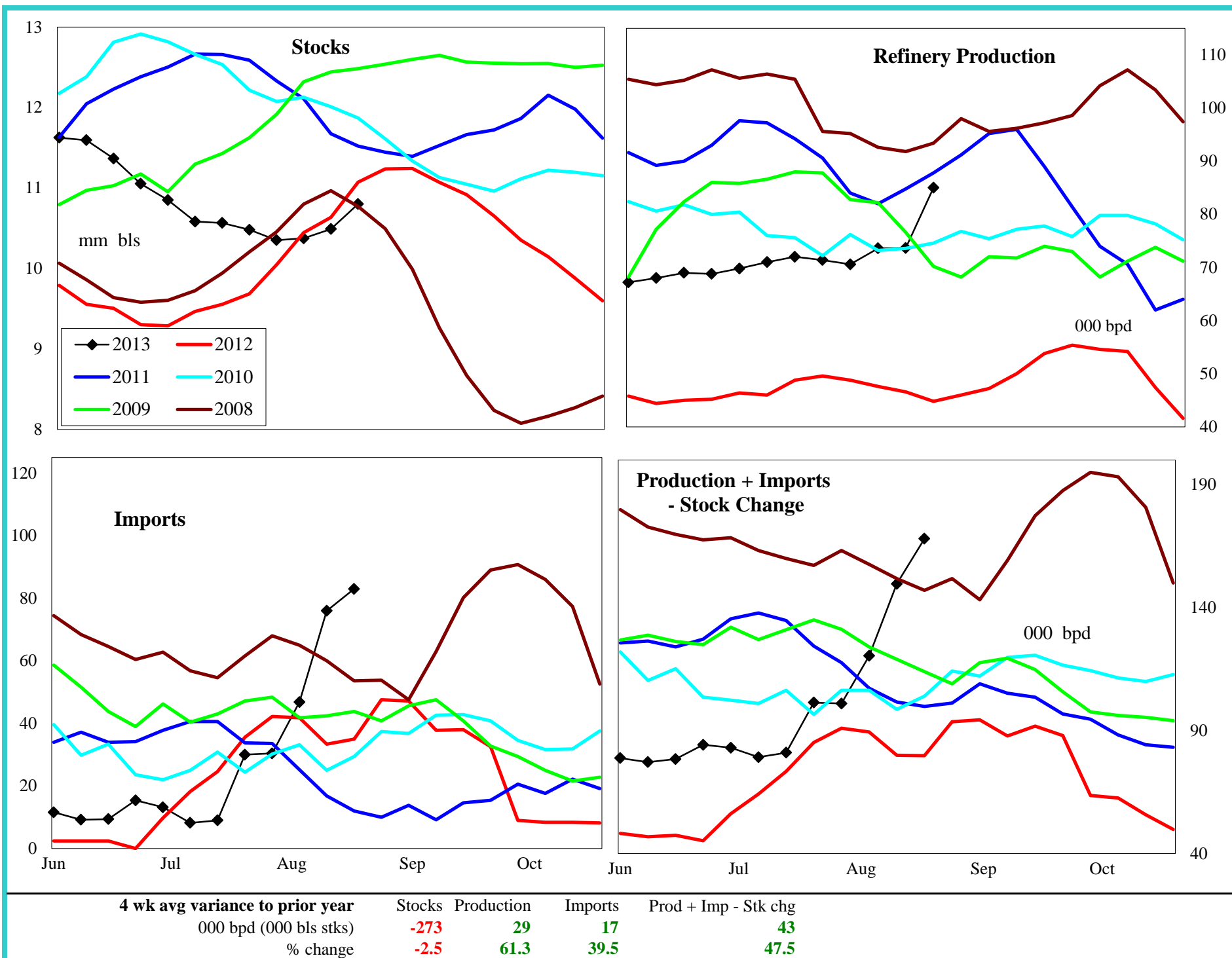
PADD 1 High Sulfur Distillate Supply



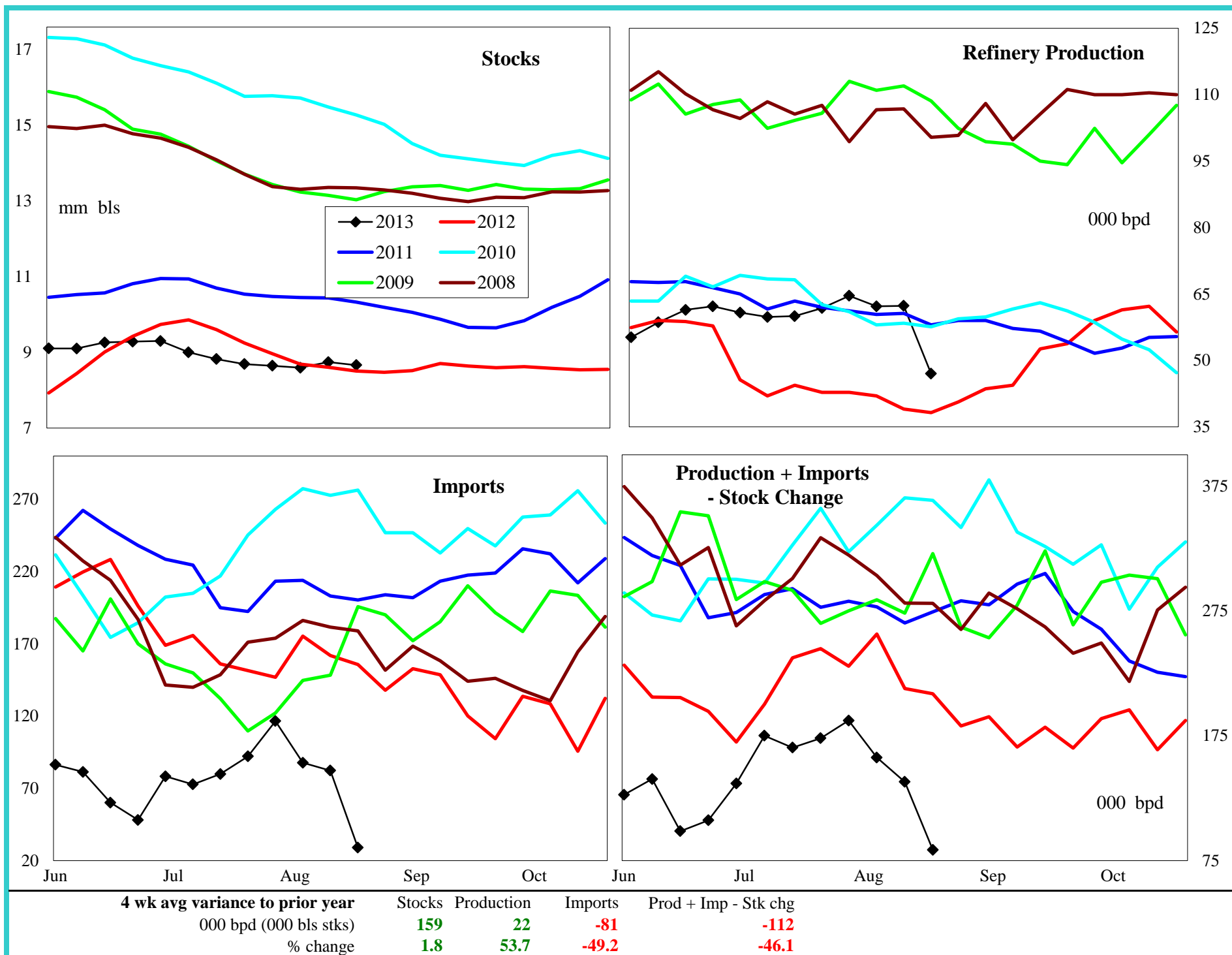
PADD 1 High Sulfur Distillate Stocks by Region



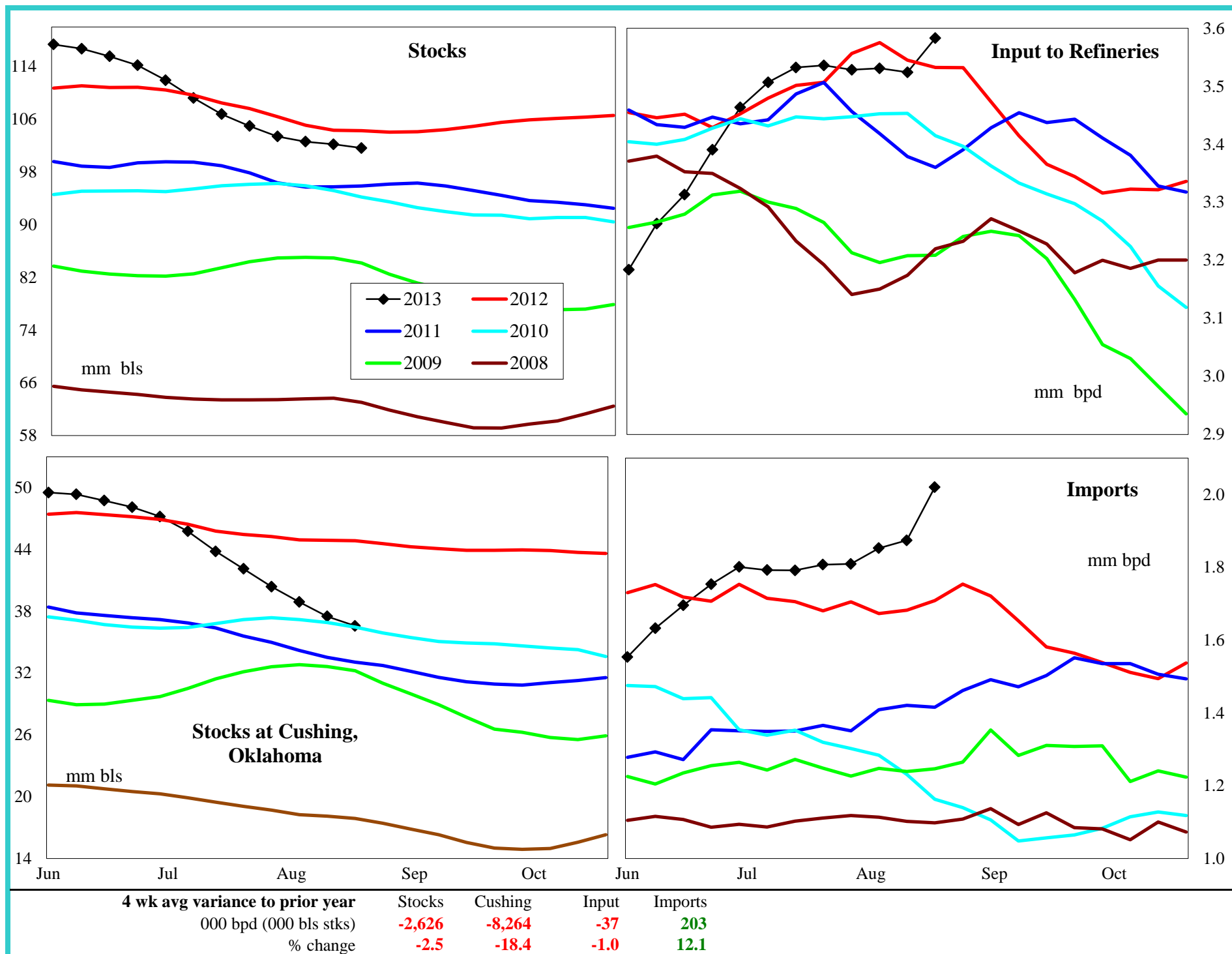
PADD 1 Jet Fuel Supply



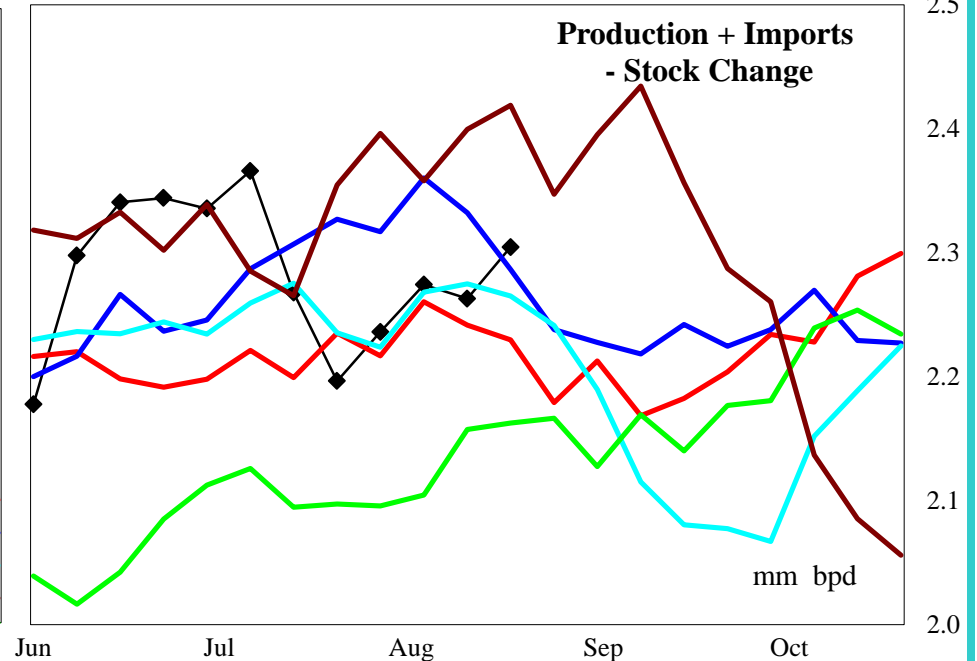
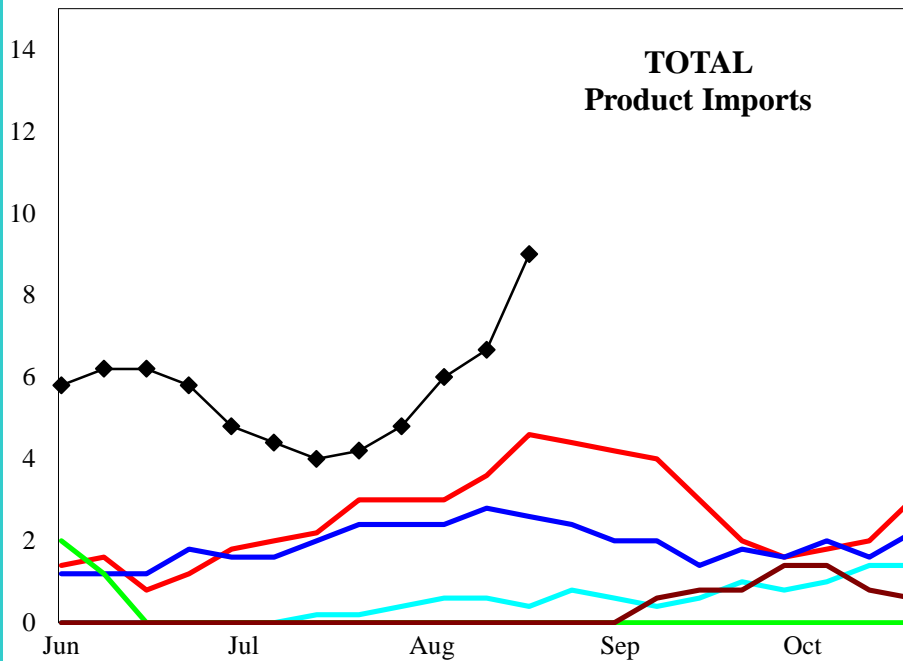
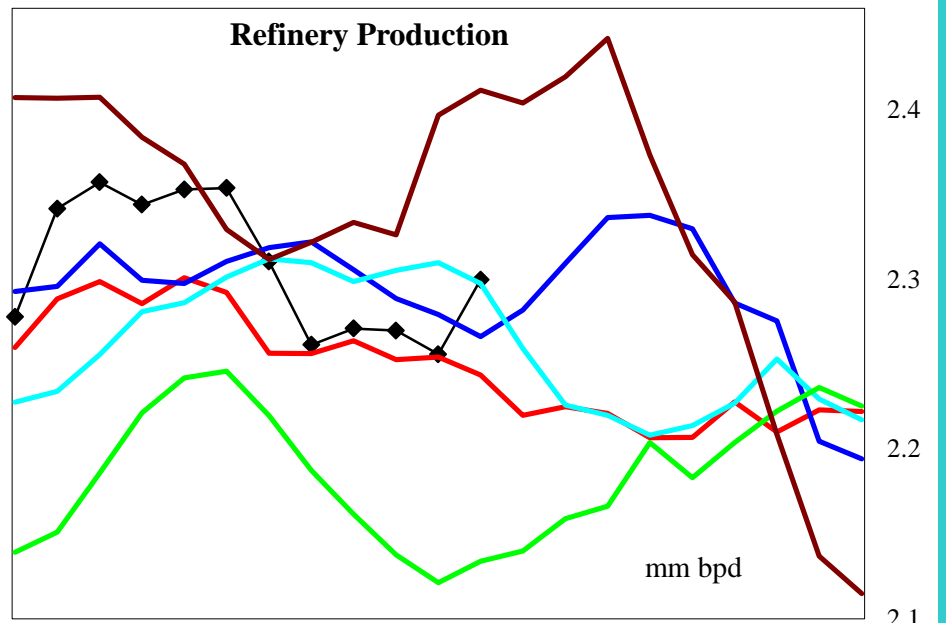
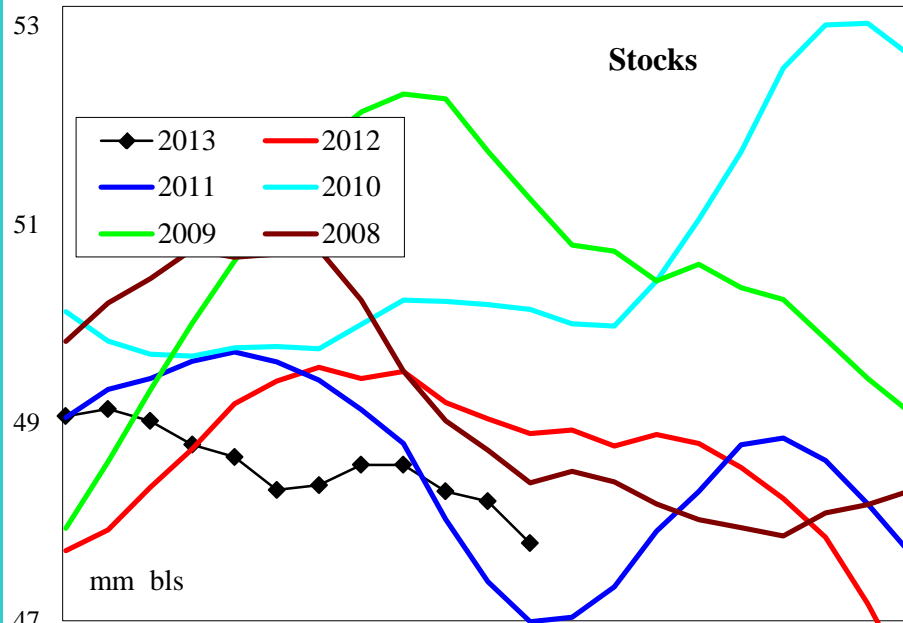
PADD 1 Residual Fuel Oil Supply



PADD 2 Crude Oil Supply and Refining



PADD 2 Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bbls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

-1,107

11

3

-19

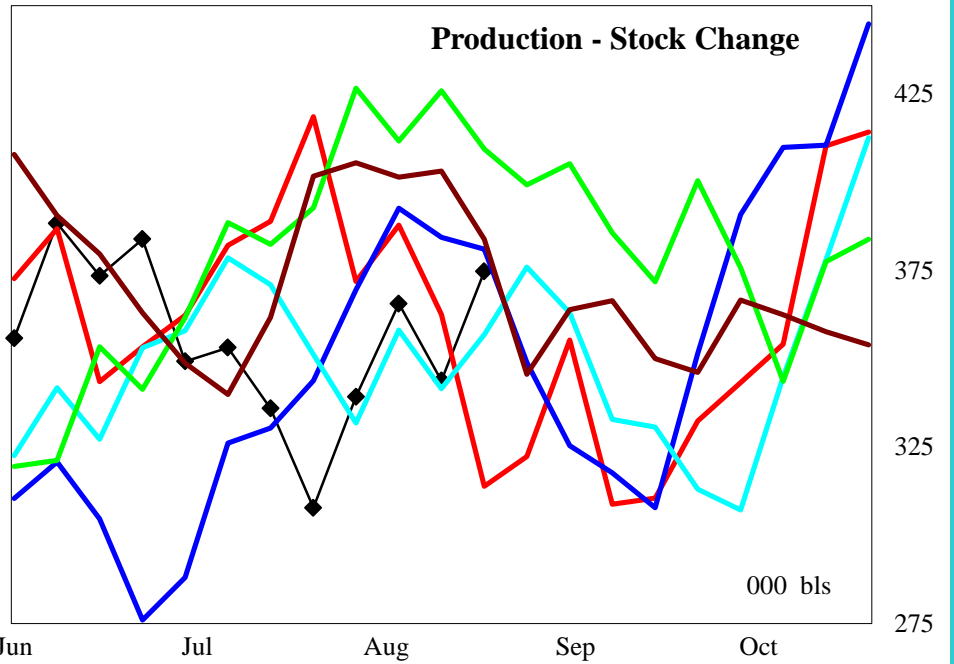
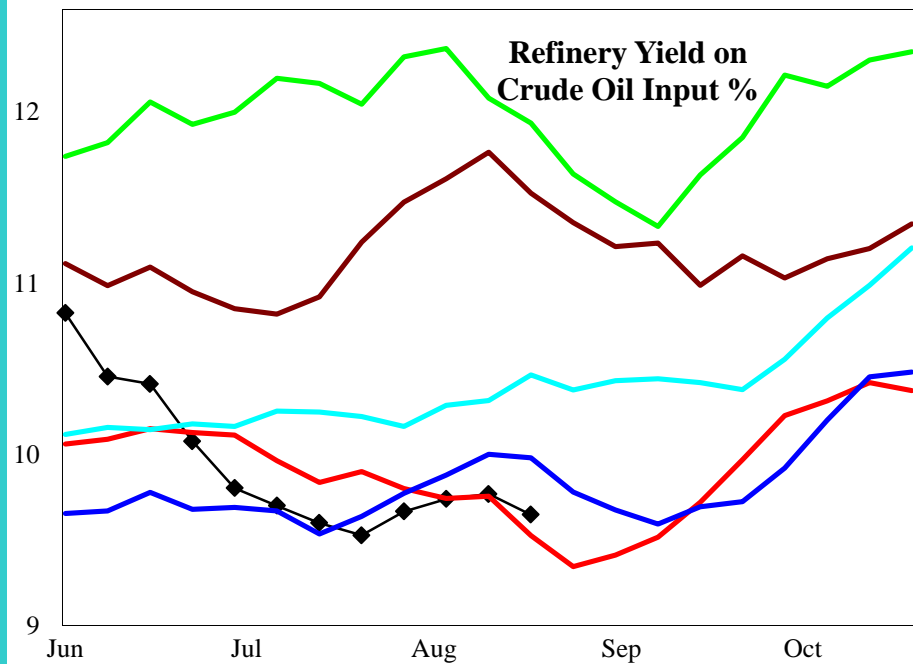
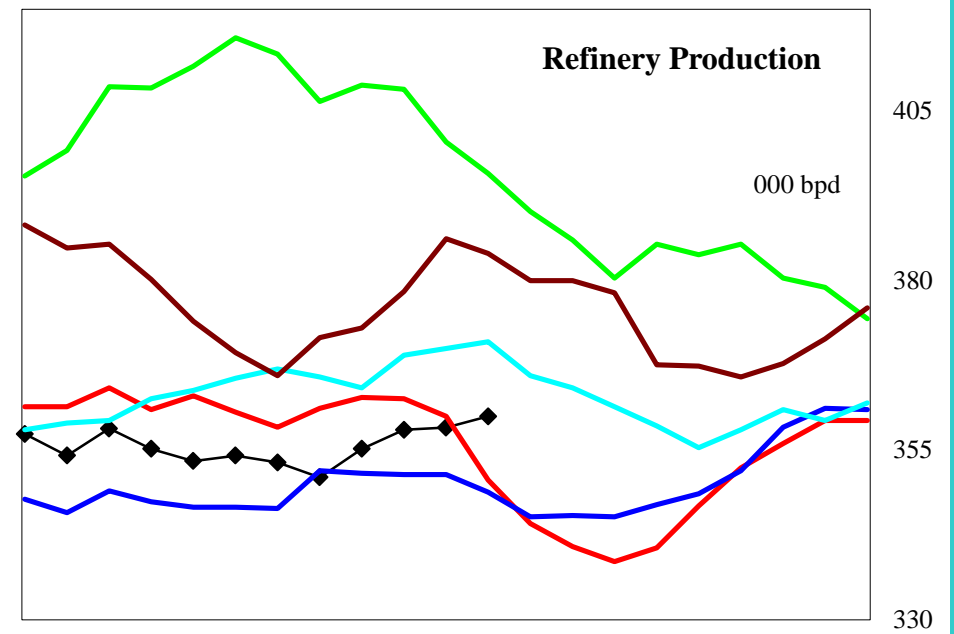
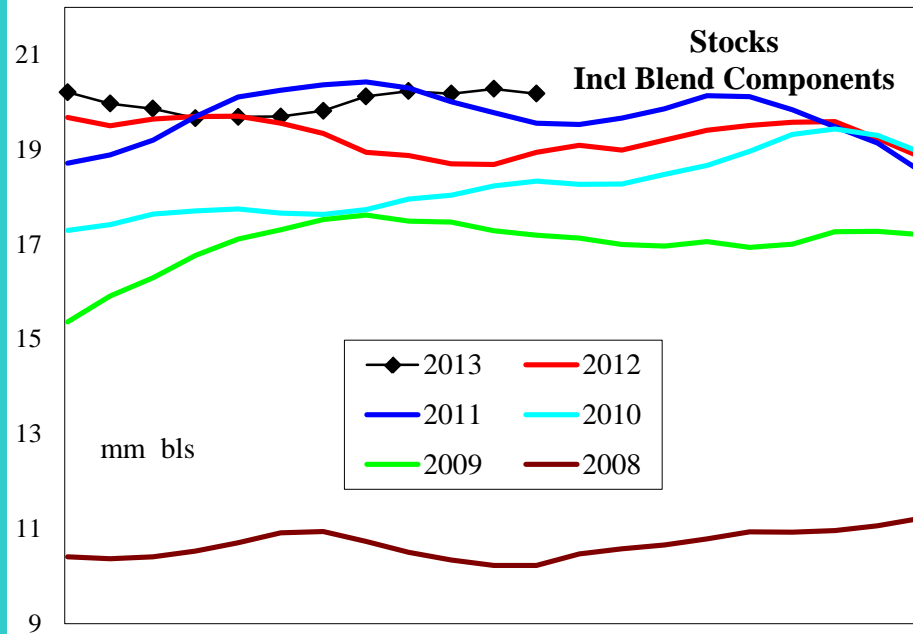
-2.3

0.5

92.3

-0.8

PADD 2 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,238

6.5

Production

-1

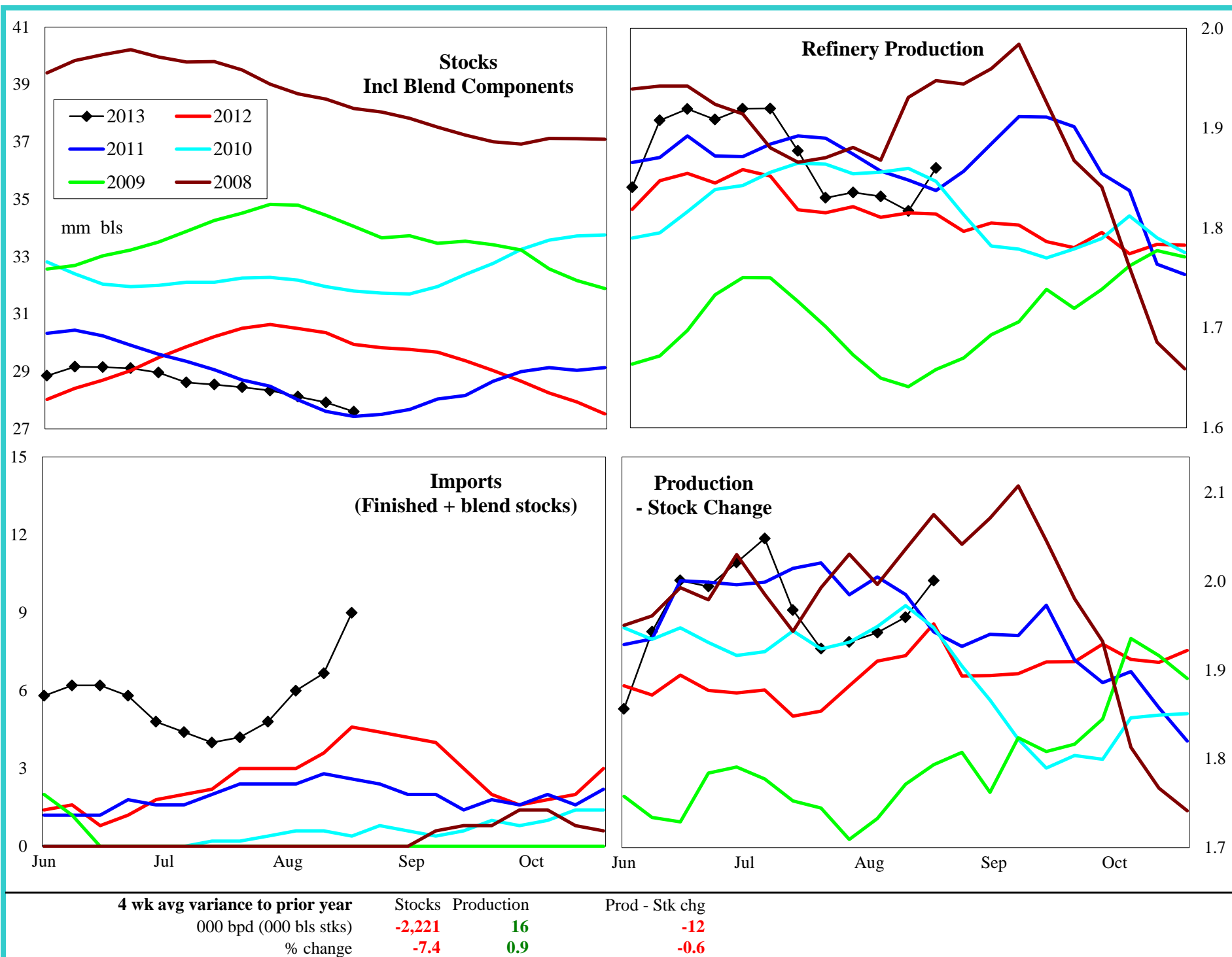
-0.3

Prod - Stk chg

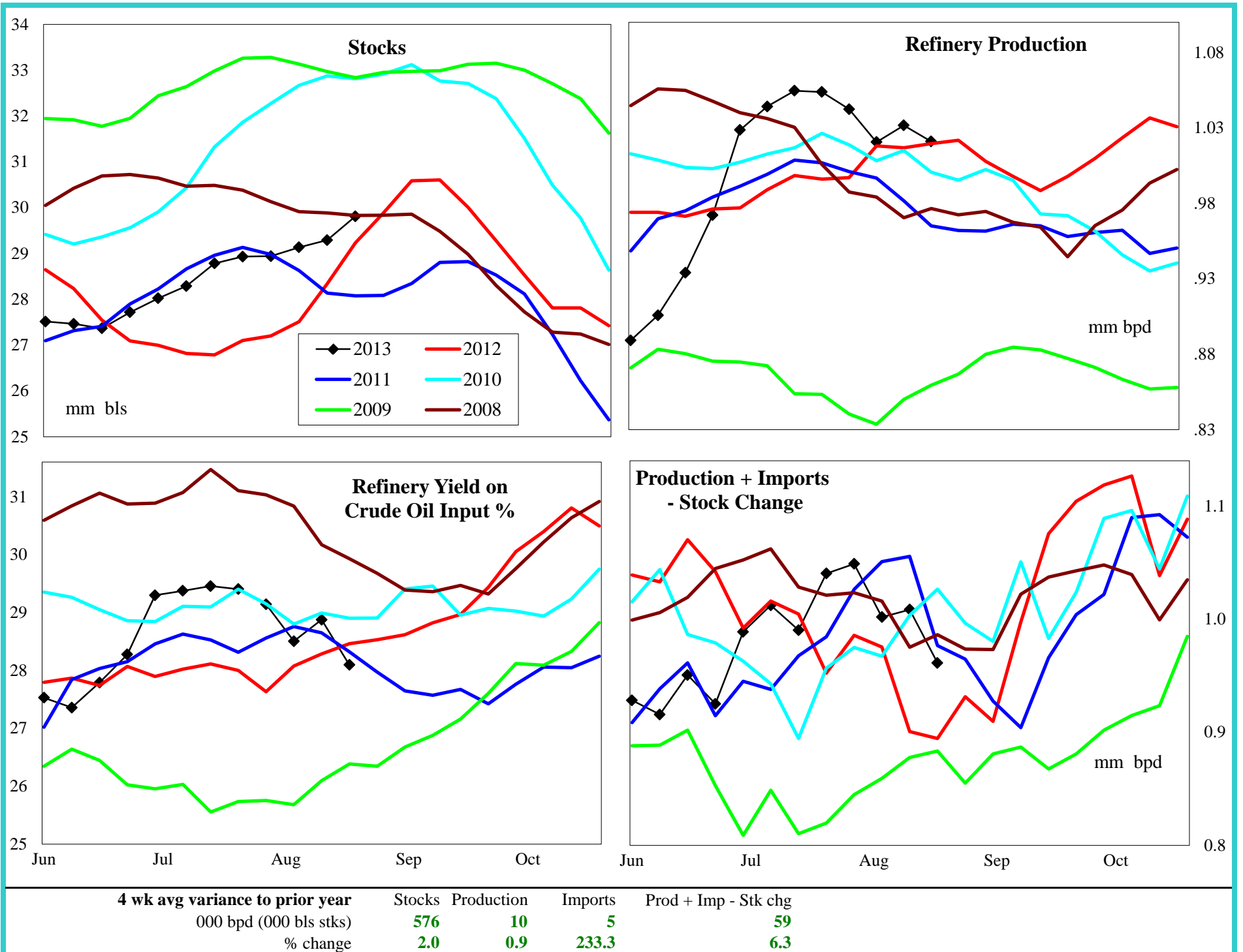
-3

-0.9

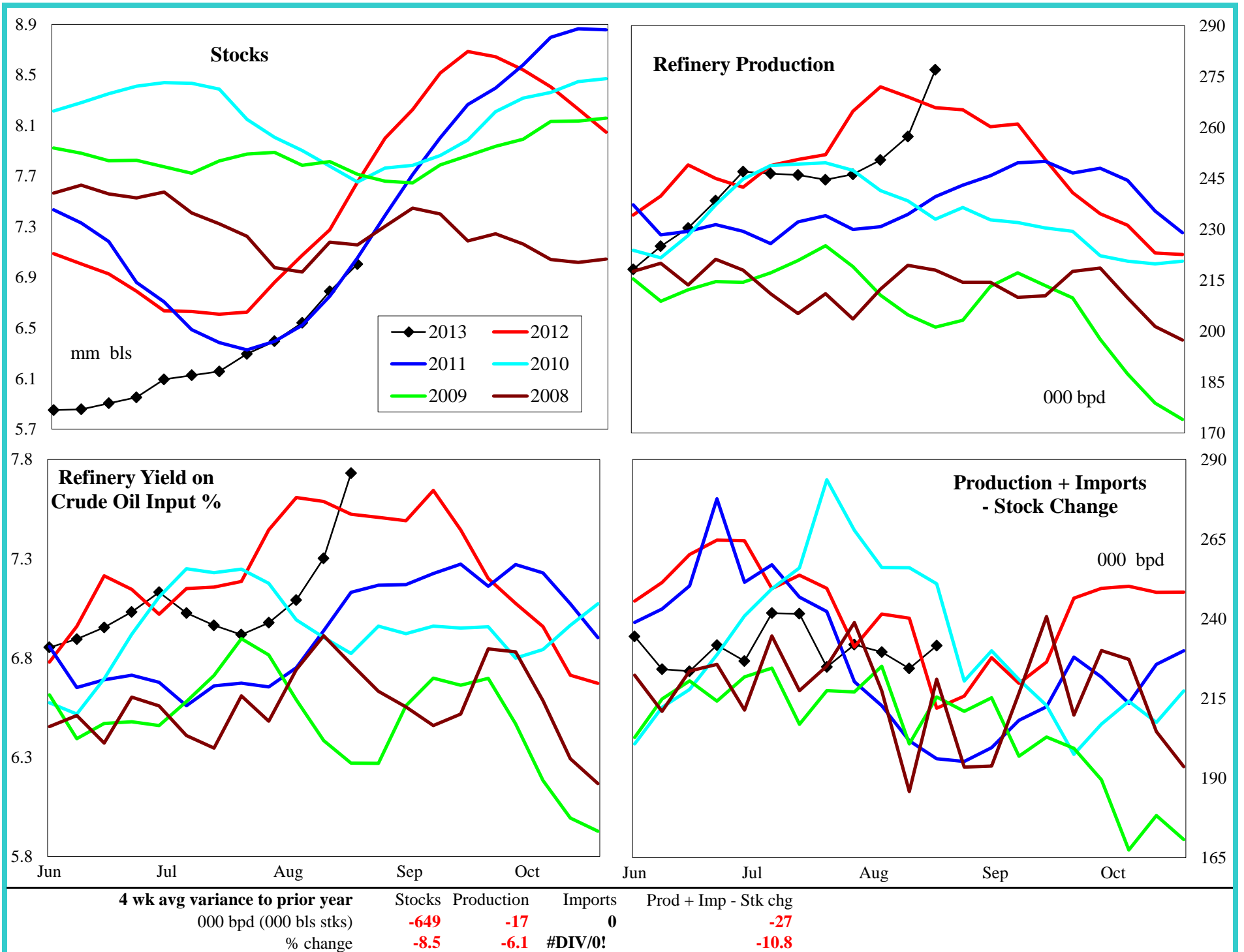
PADD 2 Conventional Gasoline Supply



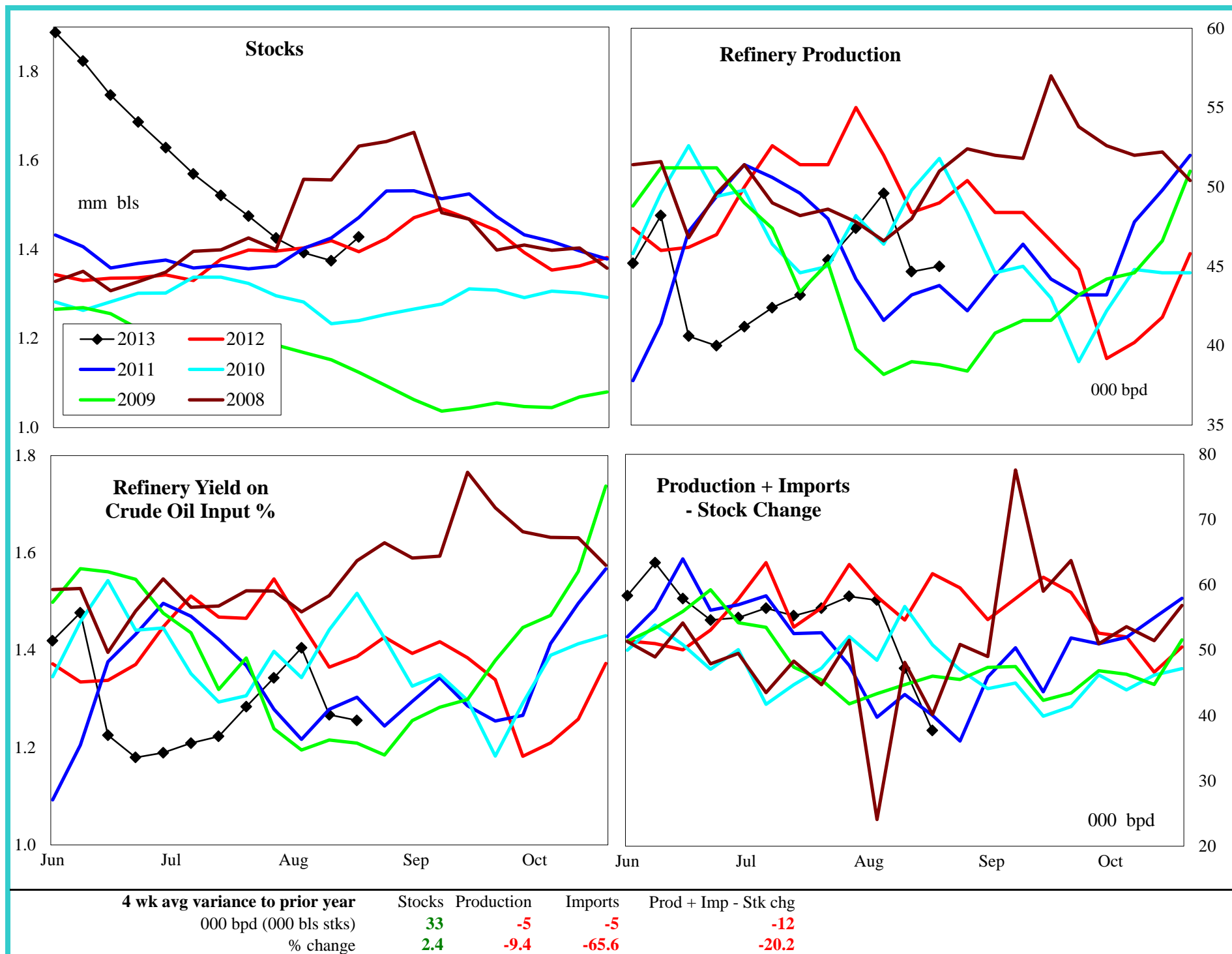
PADD 2 Distillate Supply



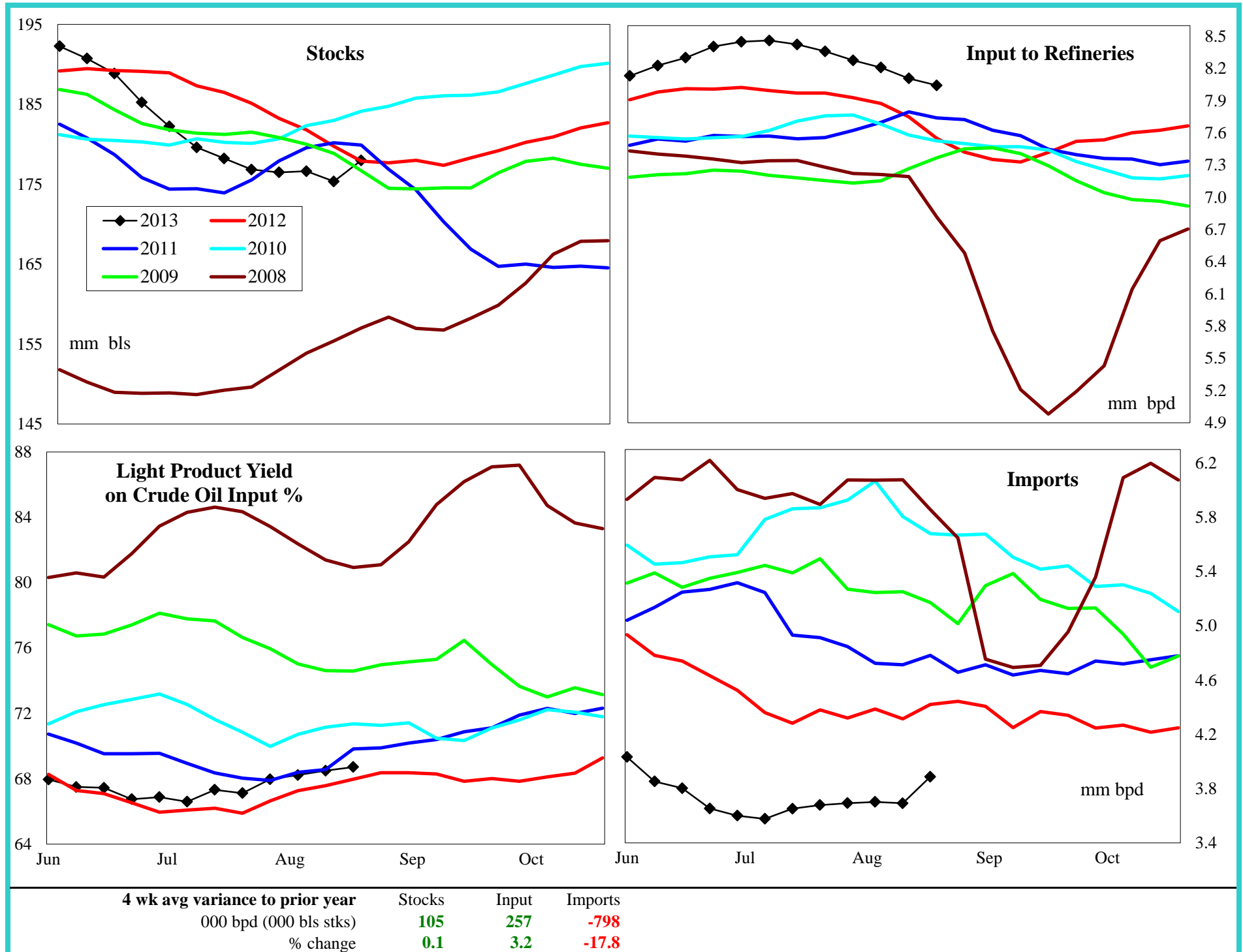
PADD 2 Jet Fuel Supply



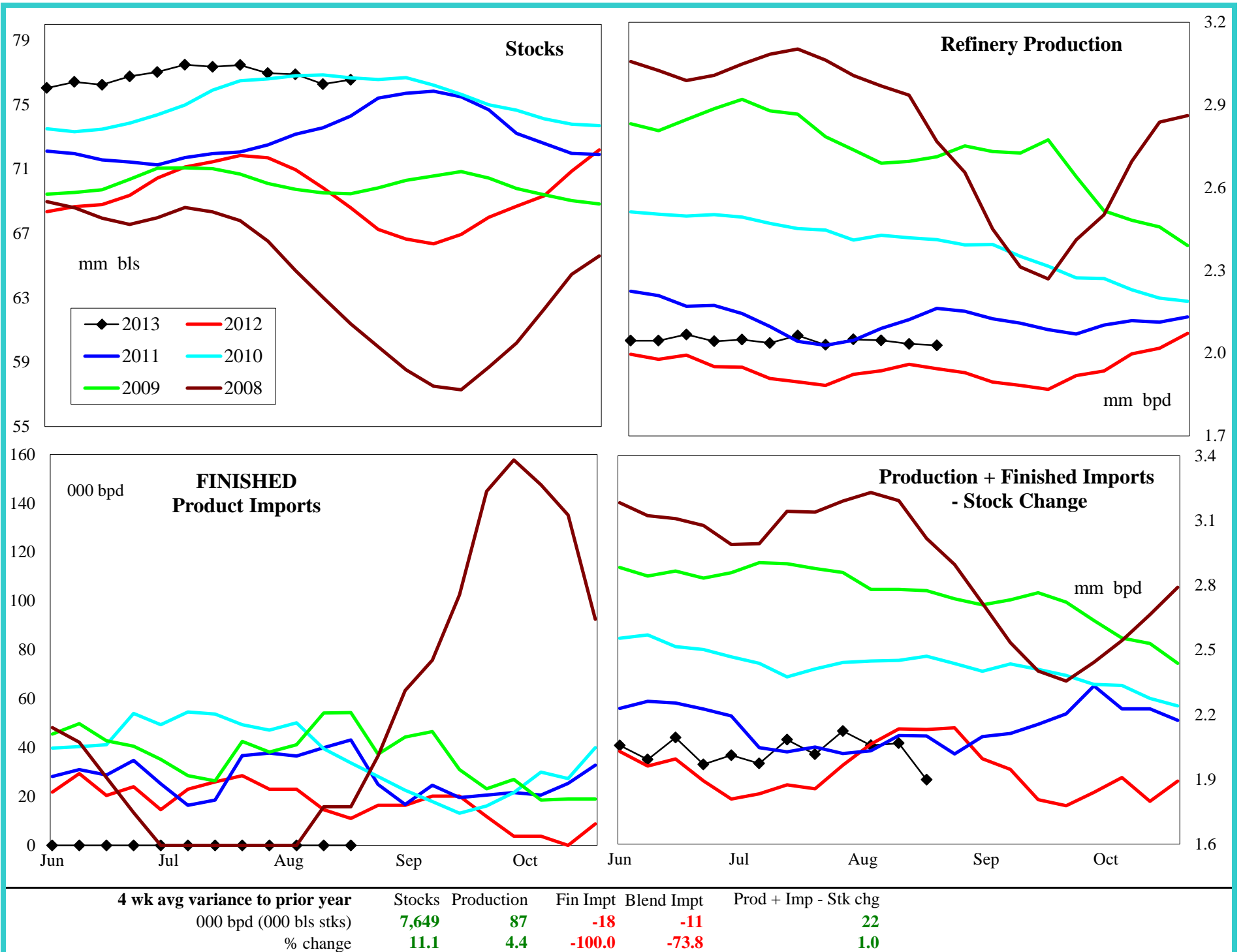
PADD 2 Residual Fuel Oil Supply



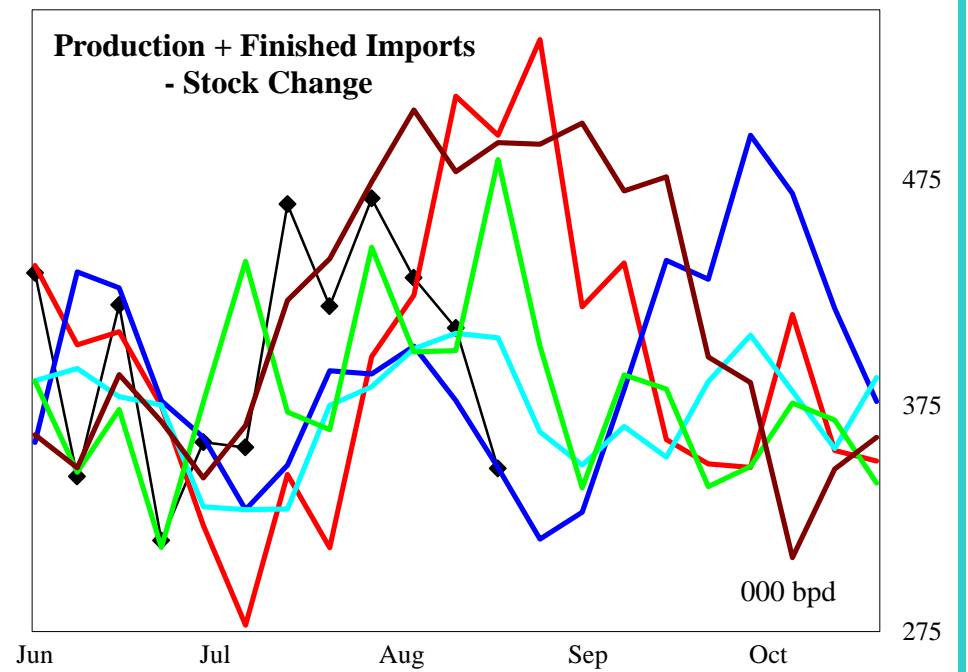
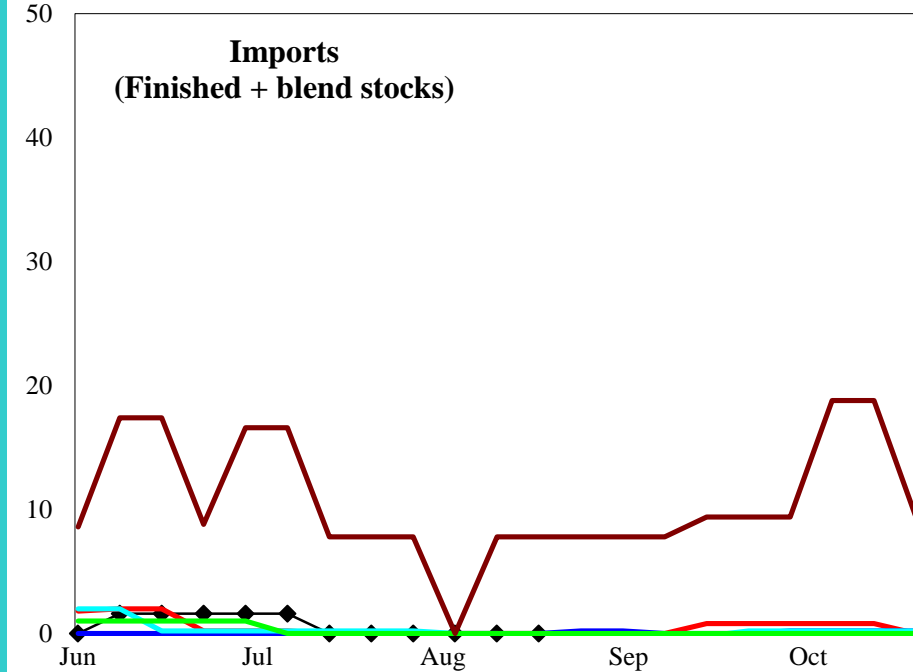
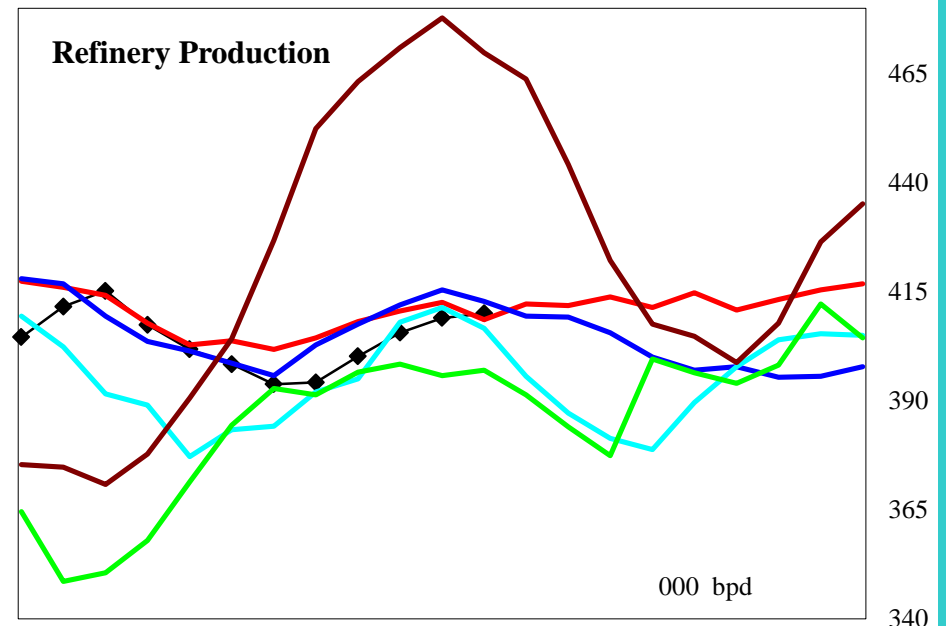
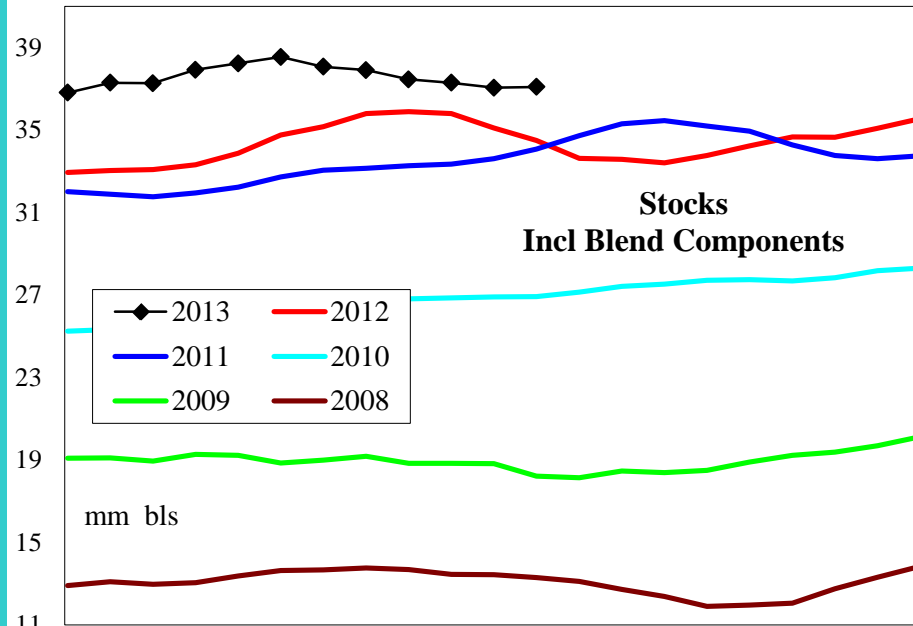
PADD 3 Crude Oil Supply and Refining



PADD 3 Gasoline Supply



PADD 3 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,898

5.4

Production

-1

-0.1

Imports

0

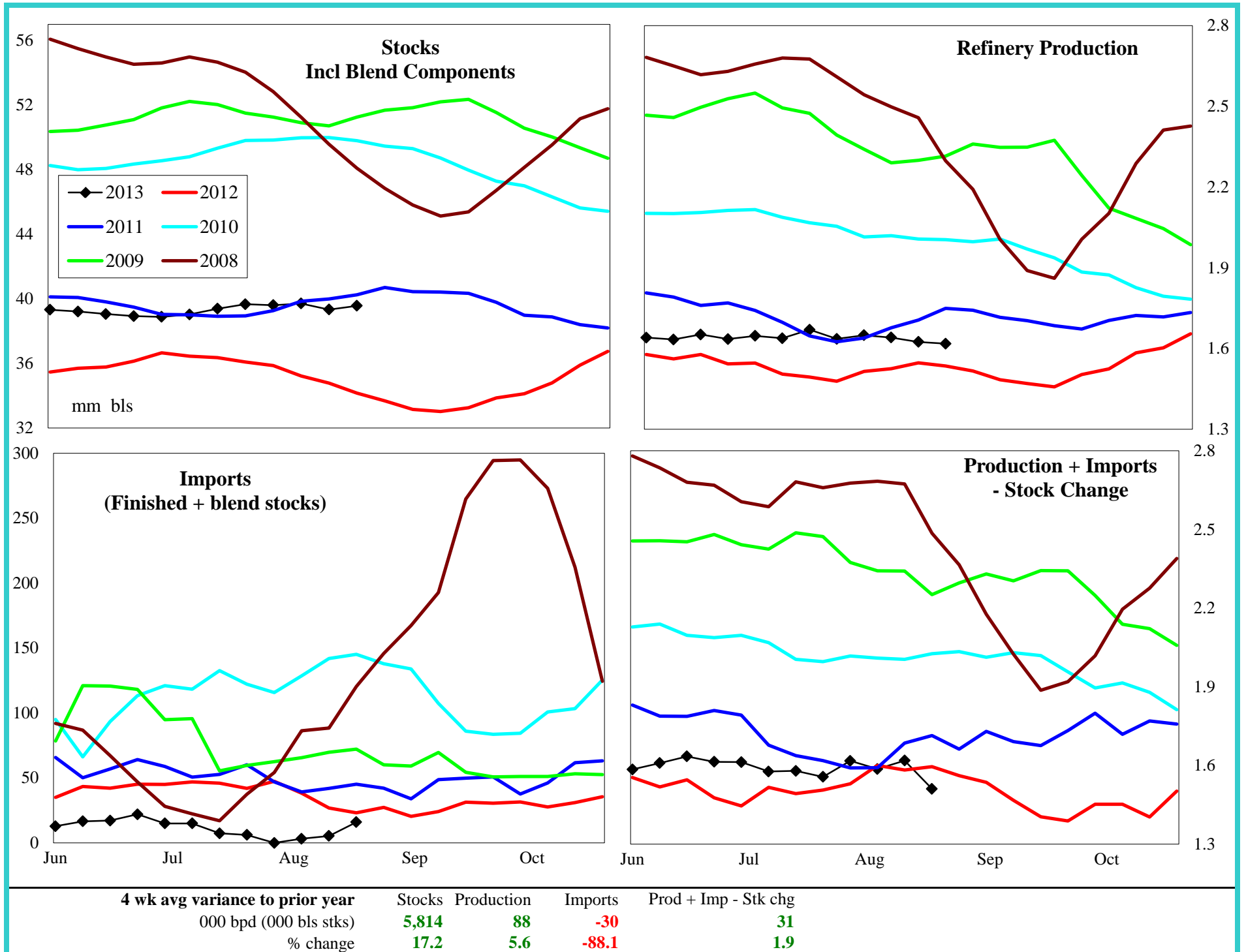
#DIV/0!

Prod + Imp - Stk chg

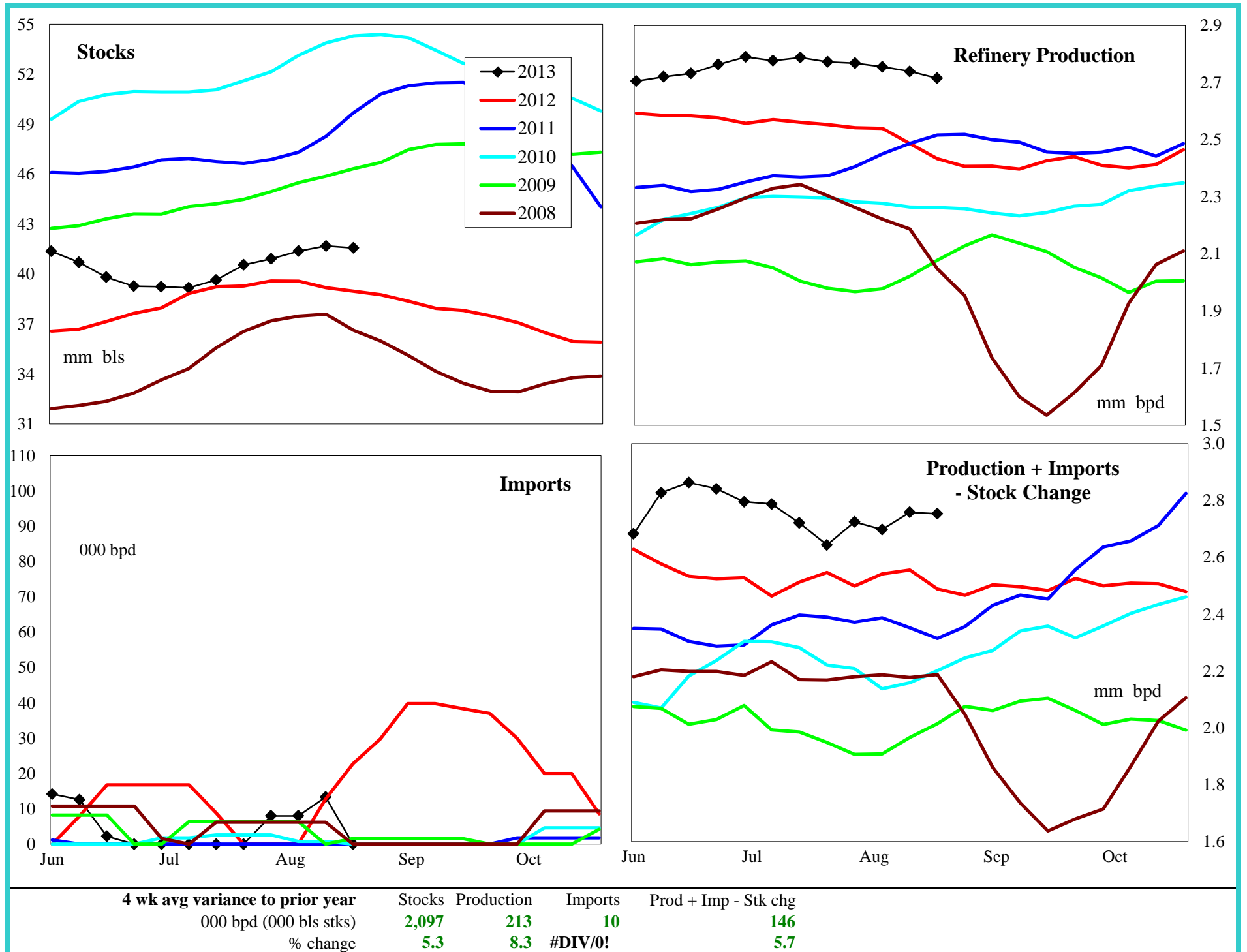
-9

-2.0

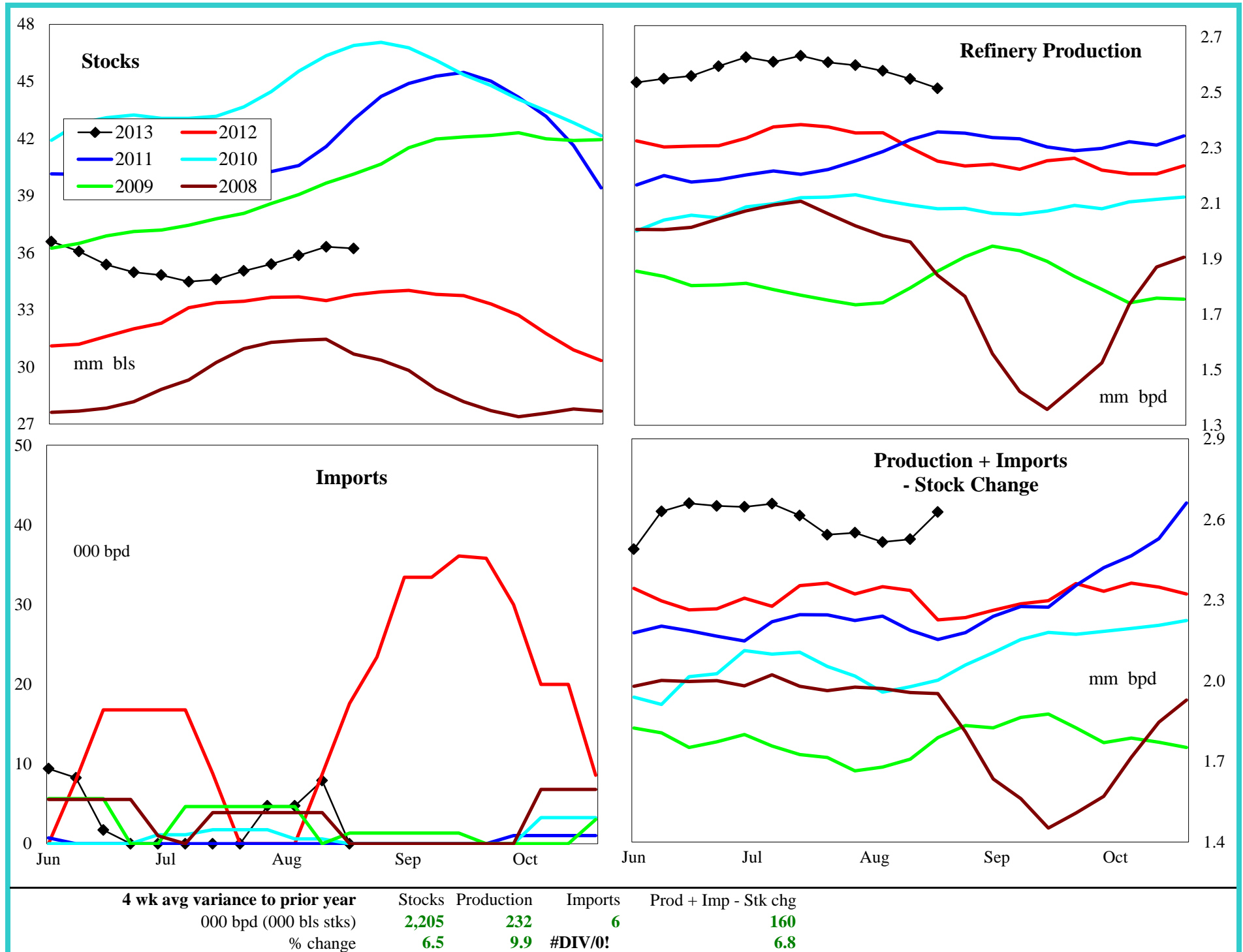
PADD 3 Conventional Gasoline Supply



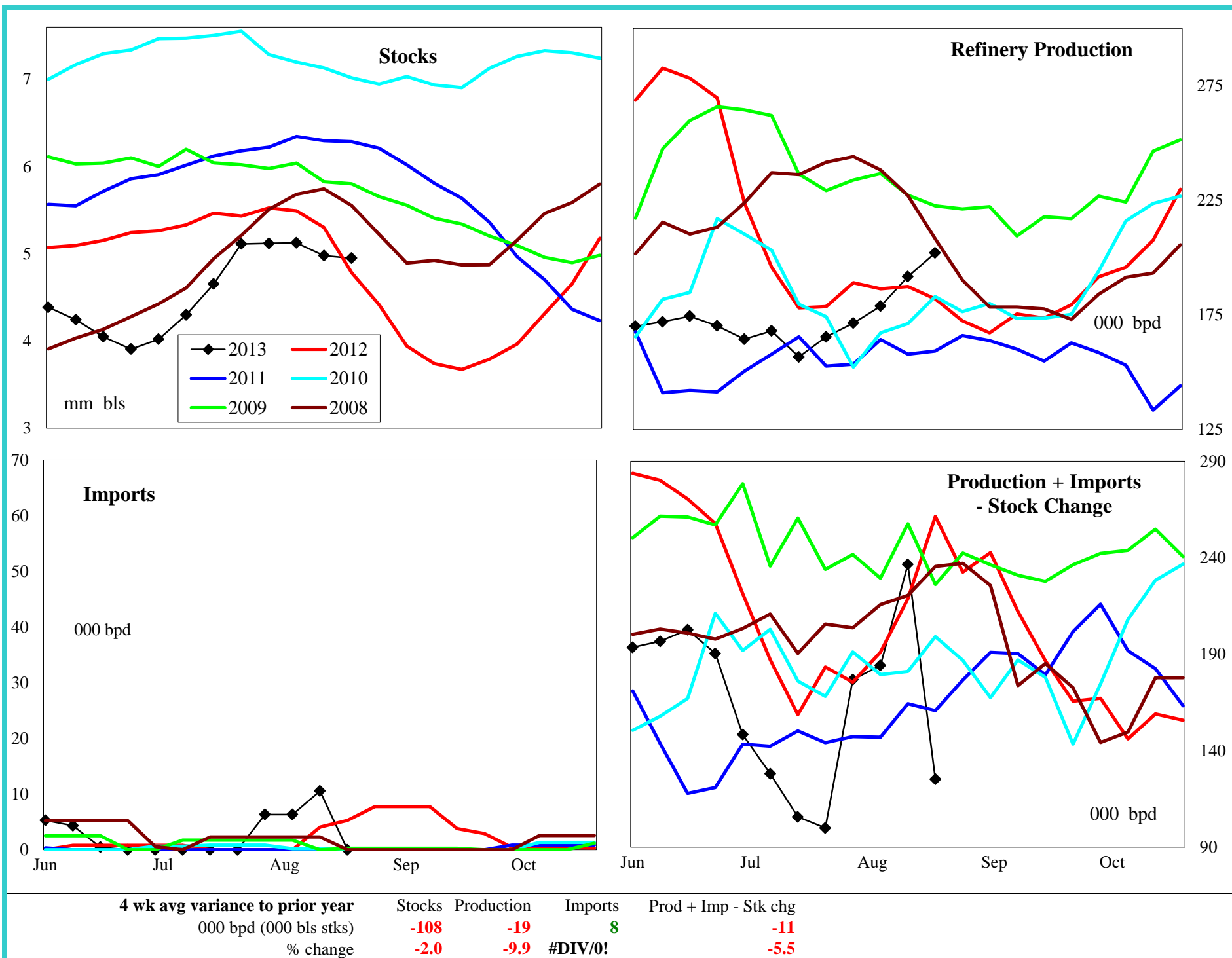
PADD 3 Distillate Supply



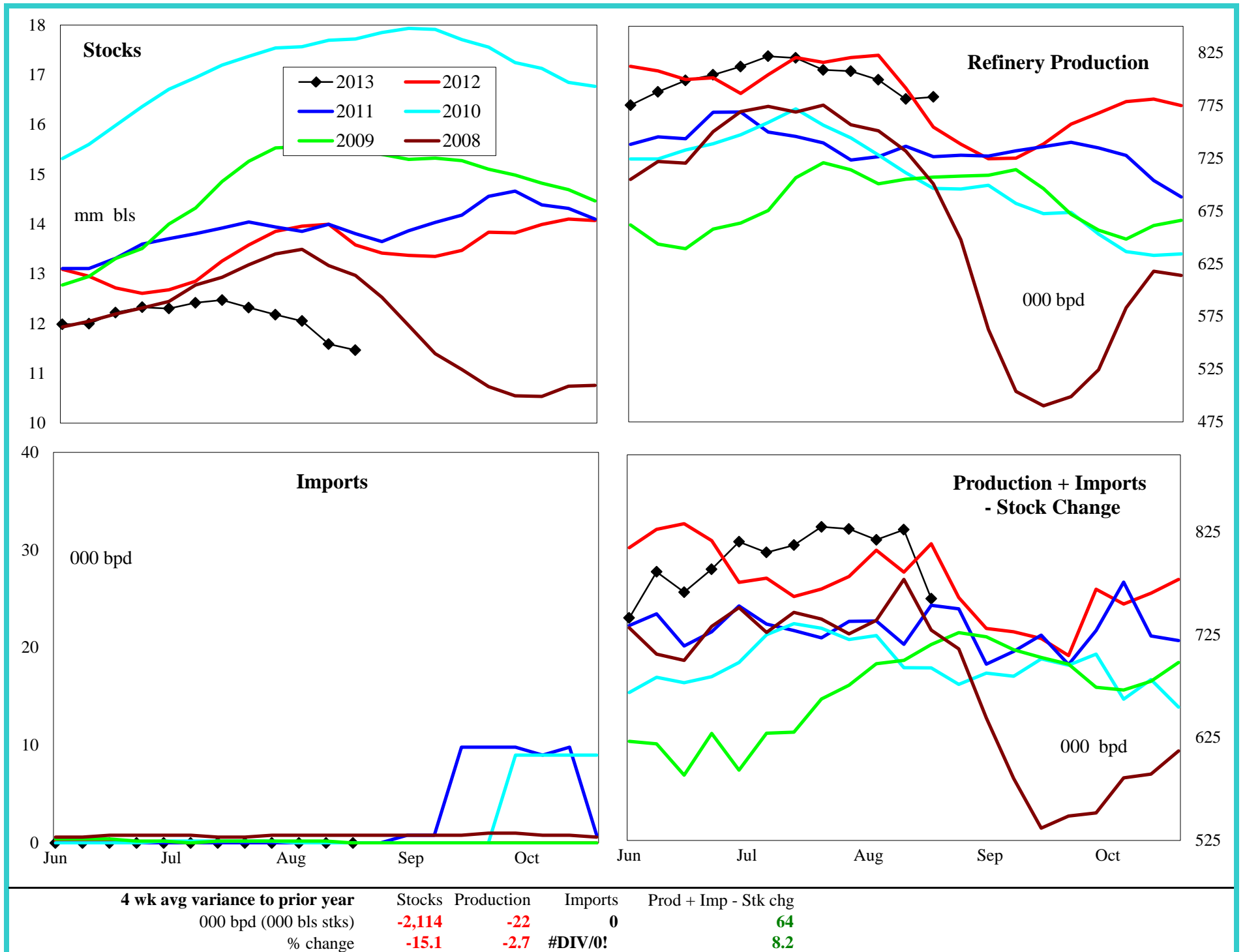
PADD 3 Low Sulfur Distillate Supply



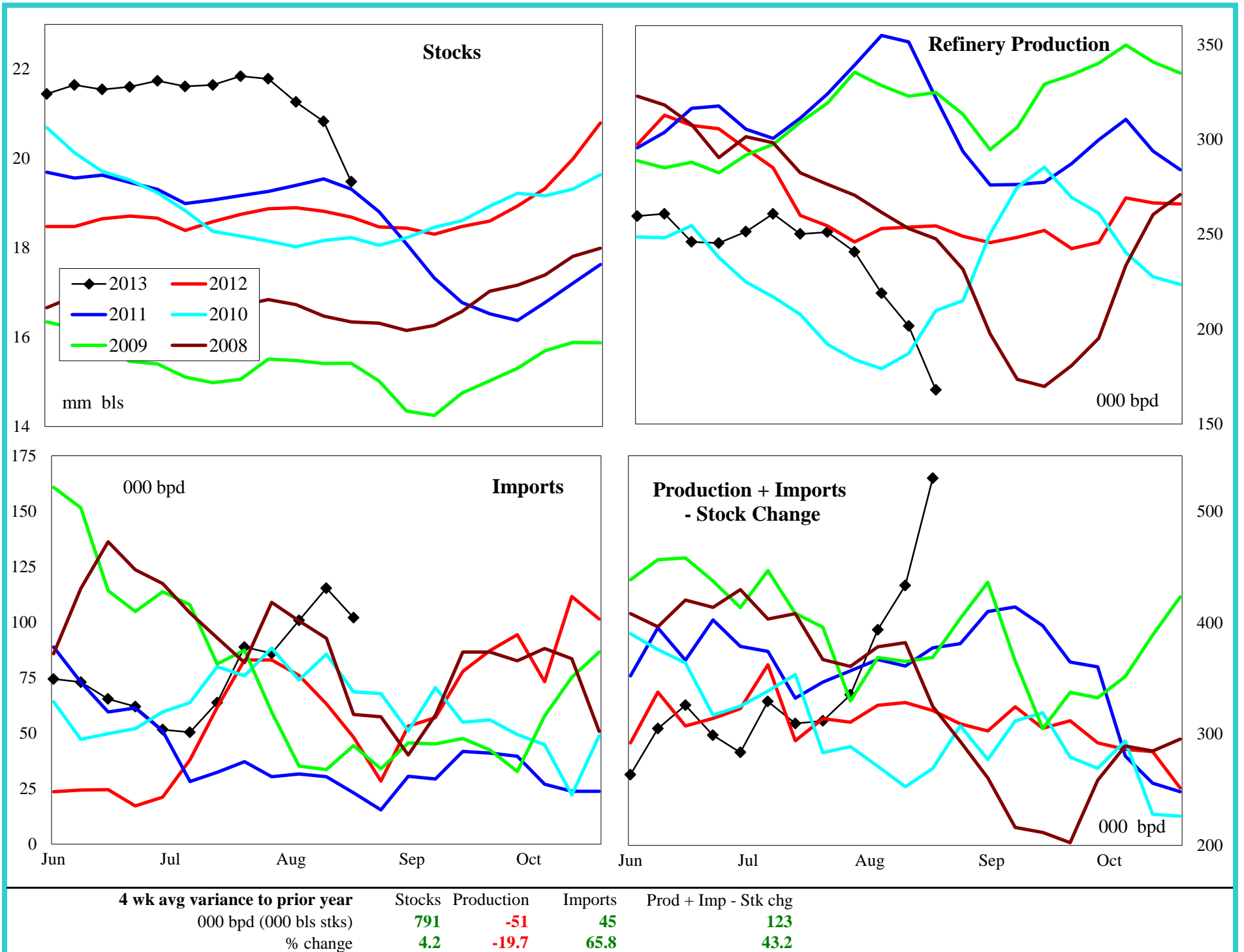
PADD 3 High Sulfur Distillate Supply



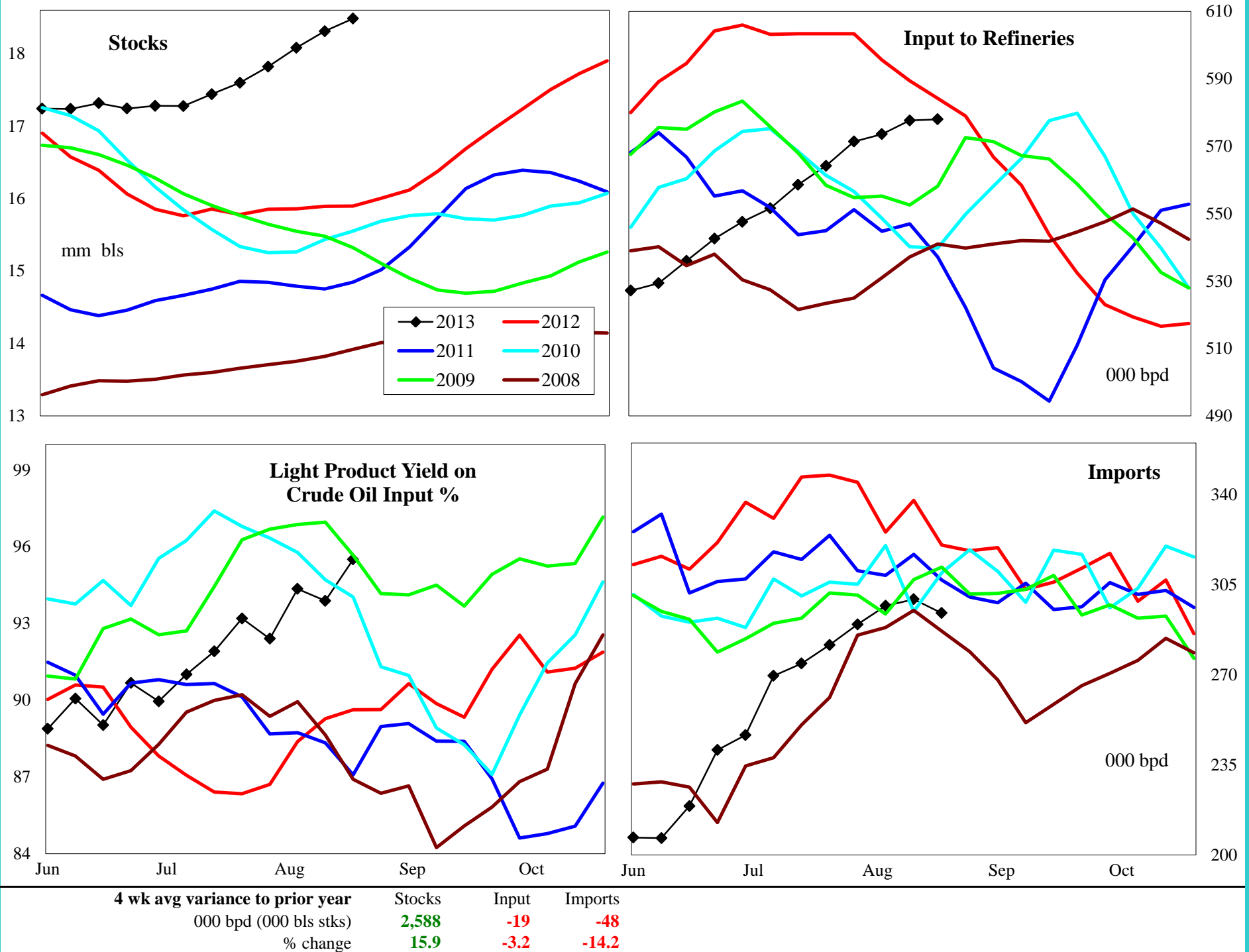
PADD 3 Jet Fuel Supply



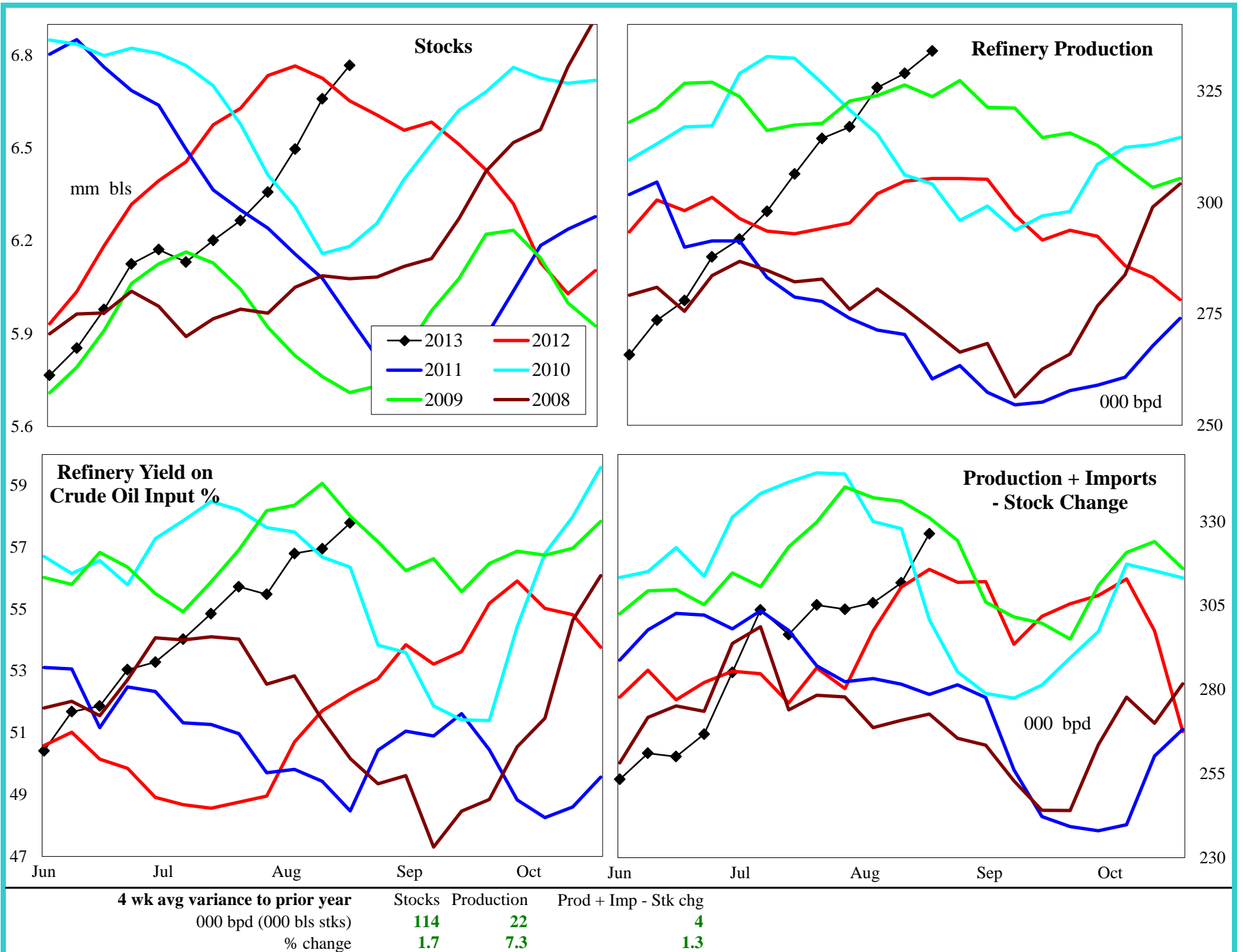
PADD 3 Residual Fuel Oil Supply



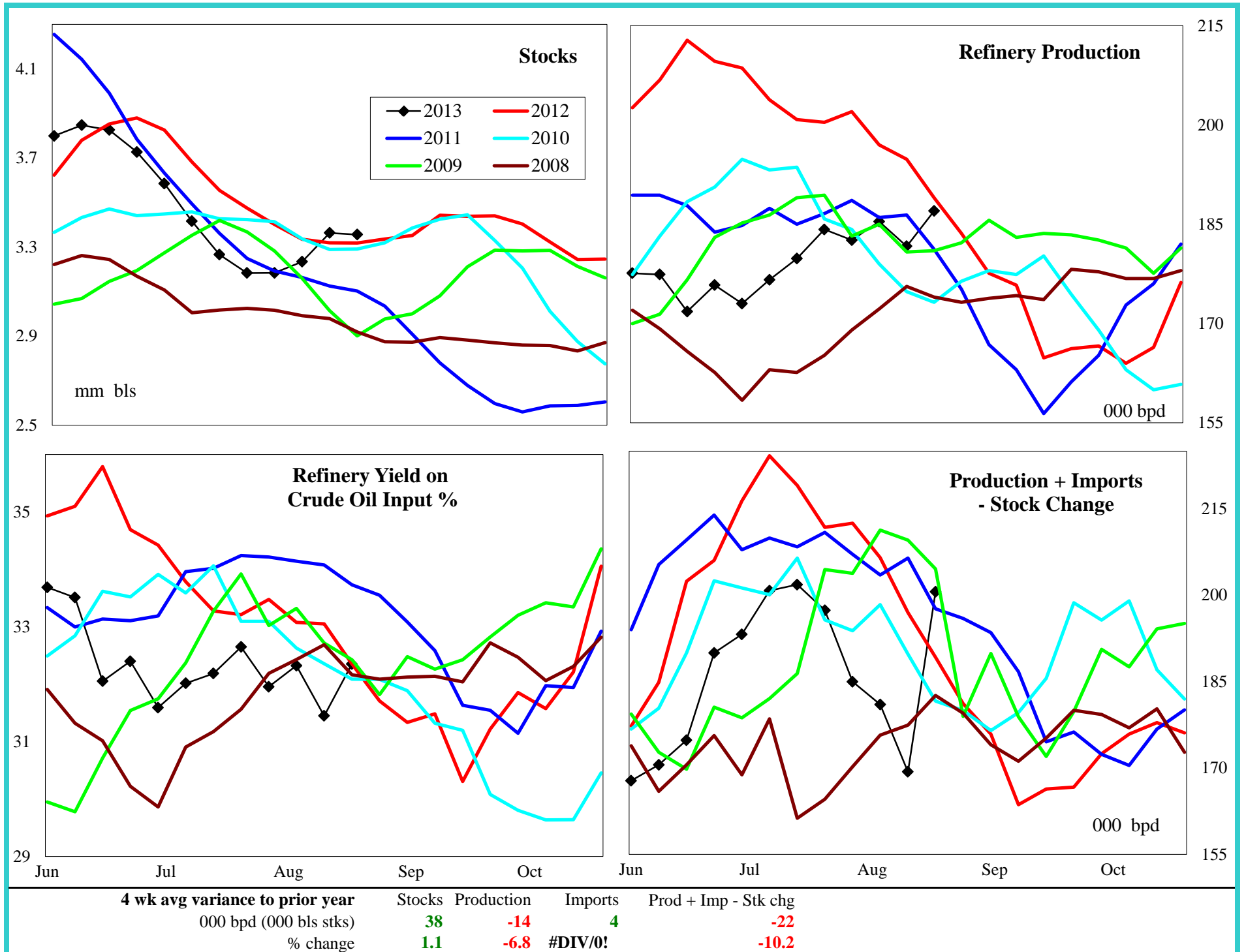
PADD 4 Crude Oil Supply and Refining



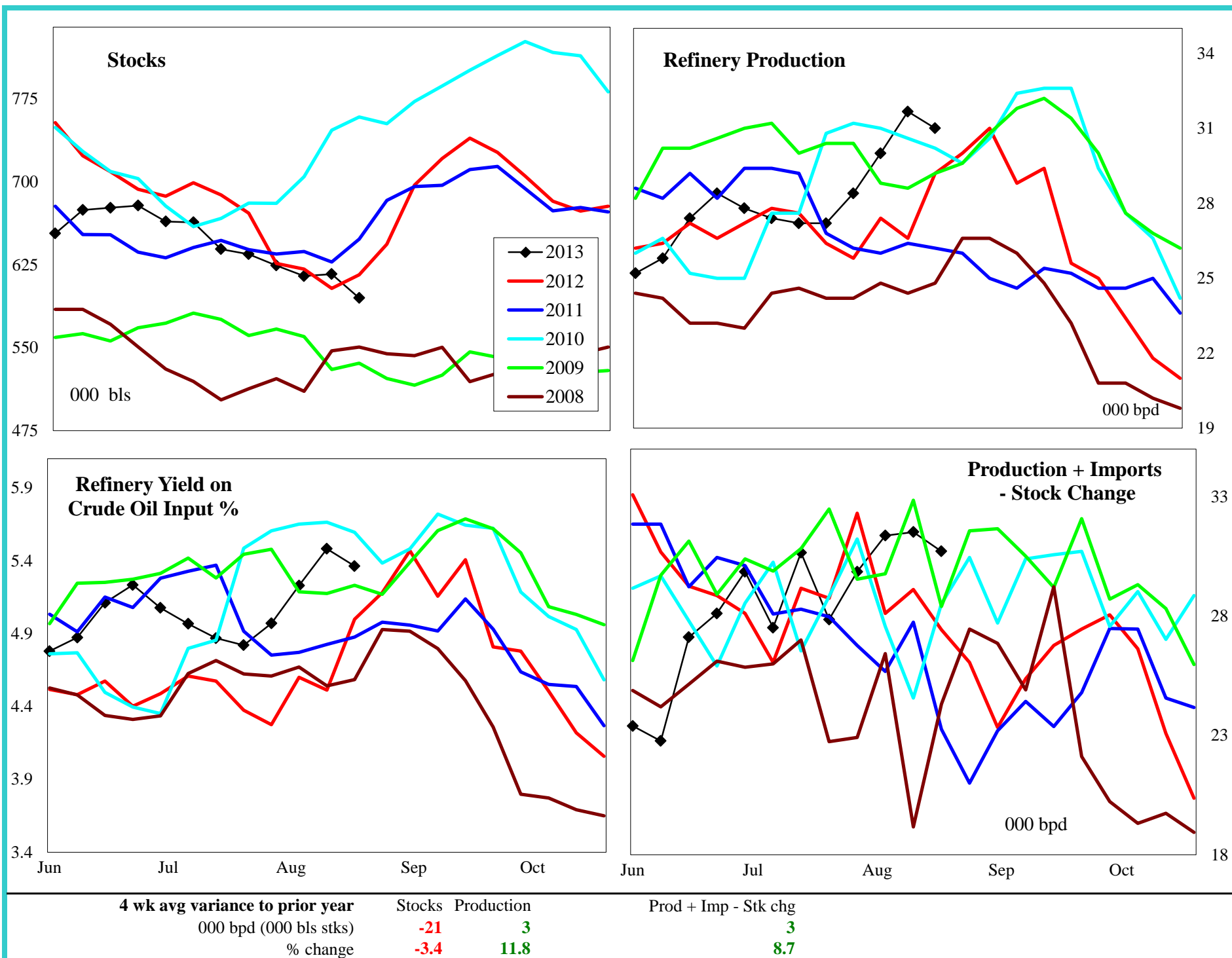
PADD 4 Gasoline Supply



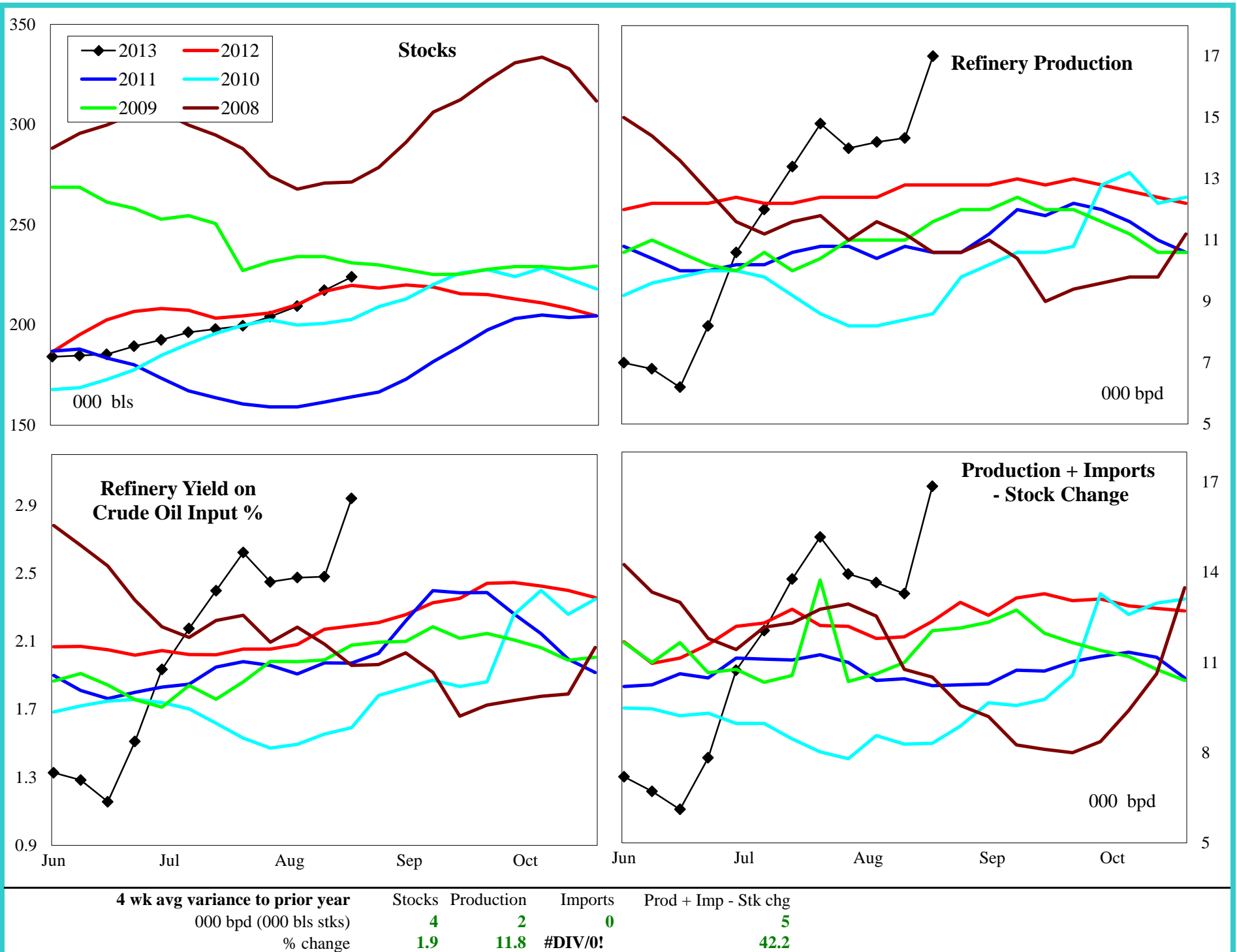
PADD 4 Distillate Supply



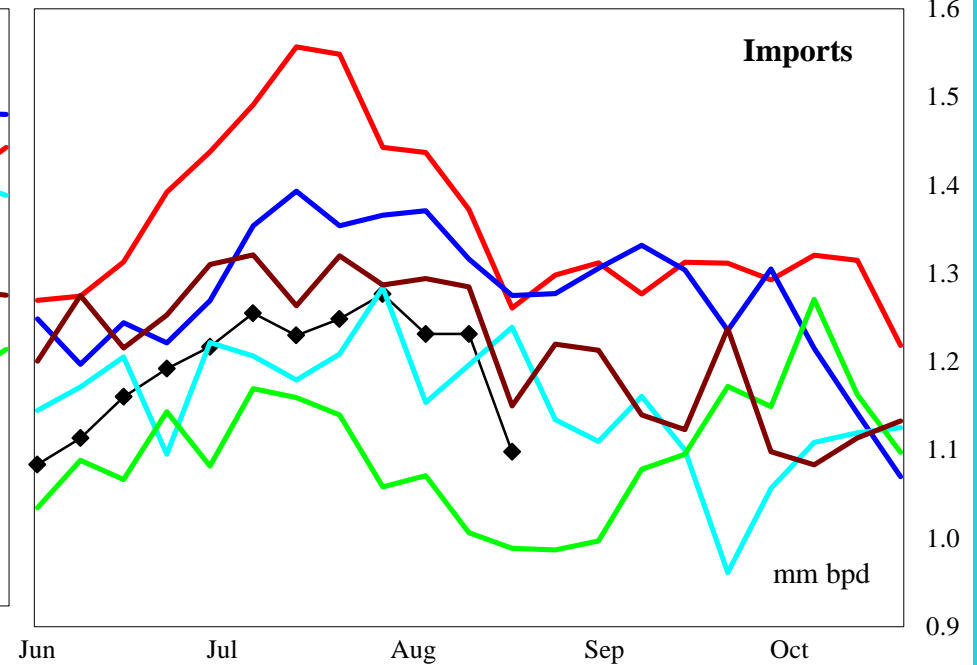
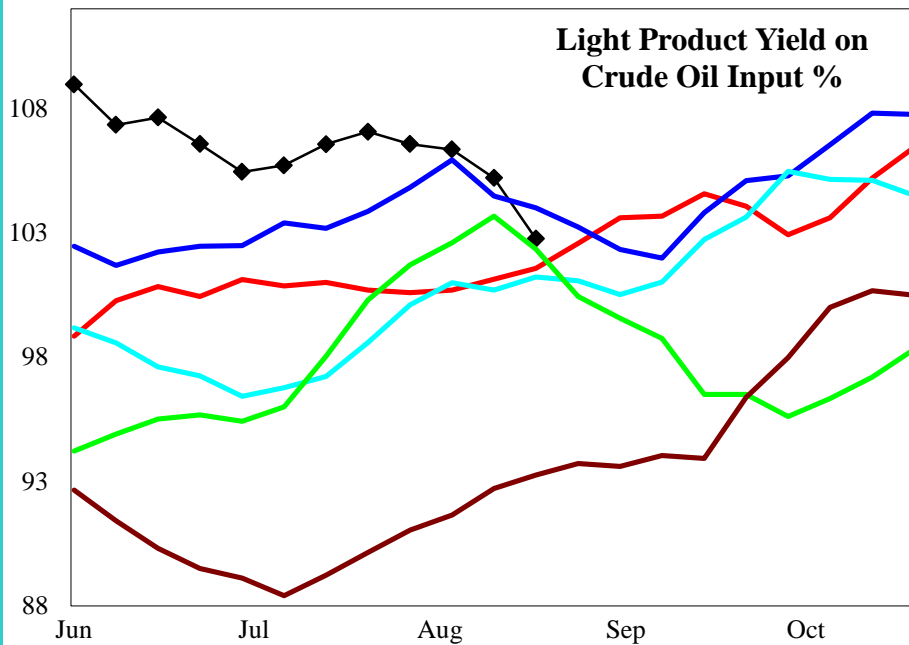
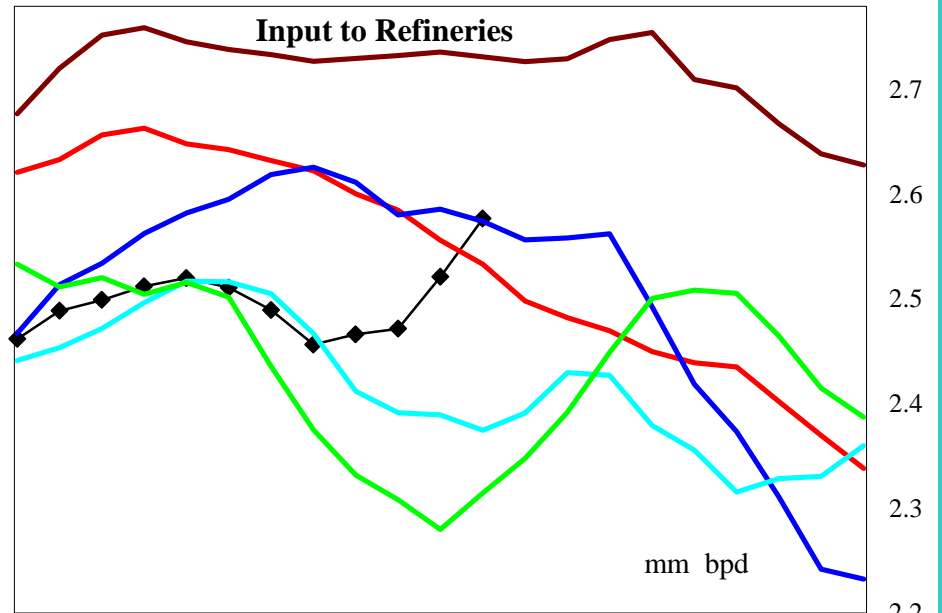
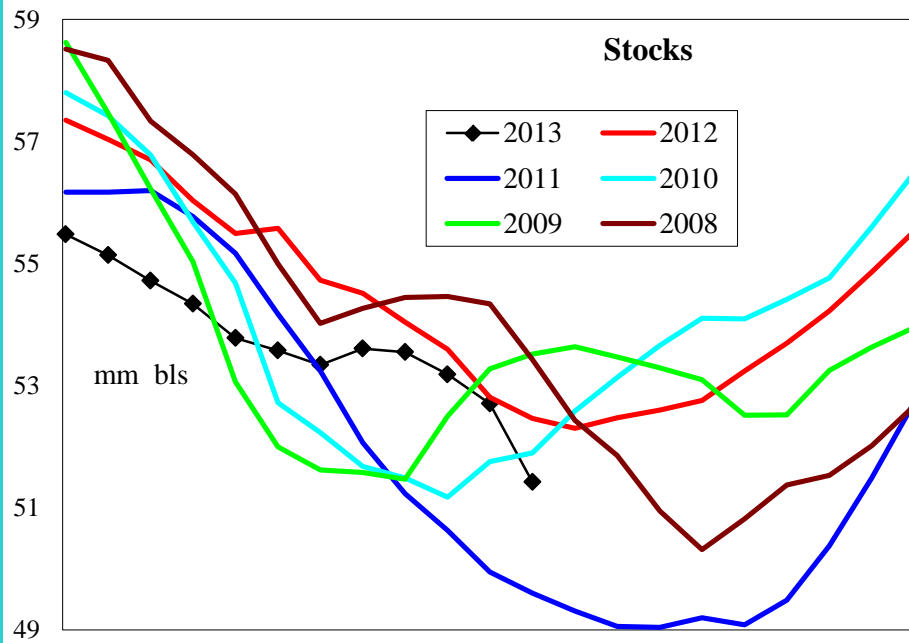
PADD 4 Jet Fuel Supply



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

-1,042

-2.0

Input

-78

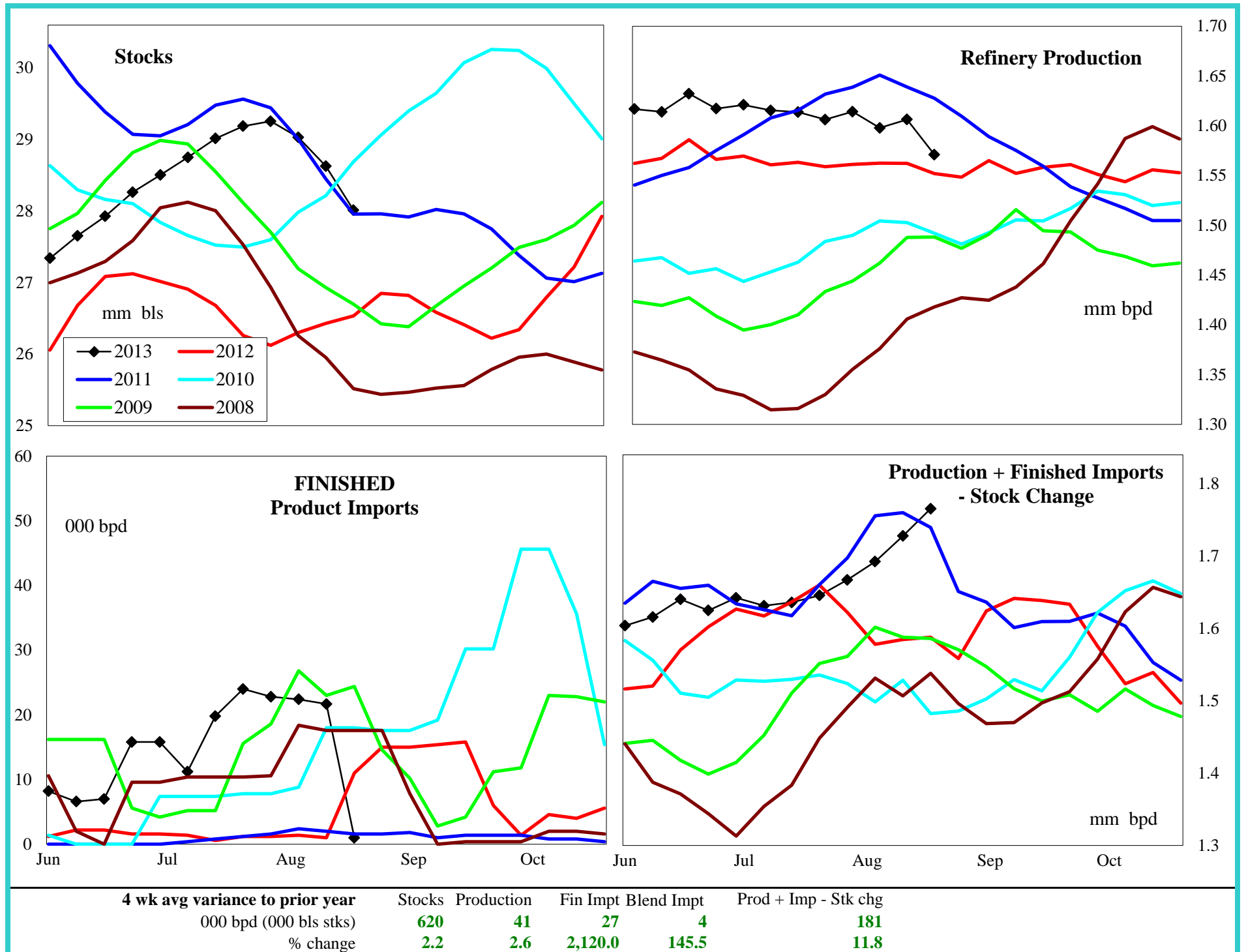
-3.1

Imports

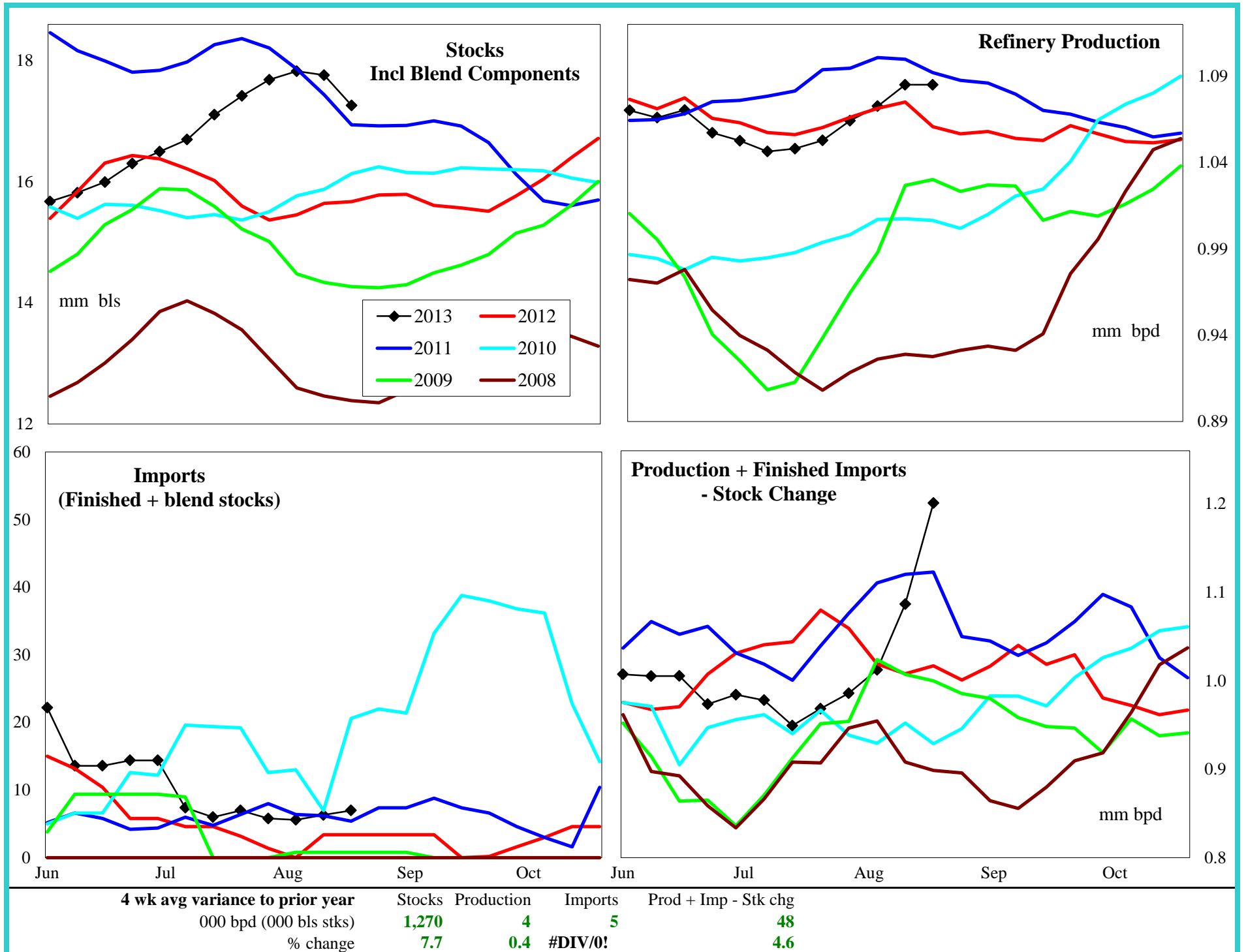
-234

-16.6

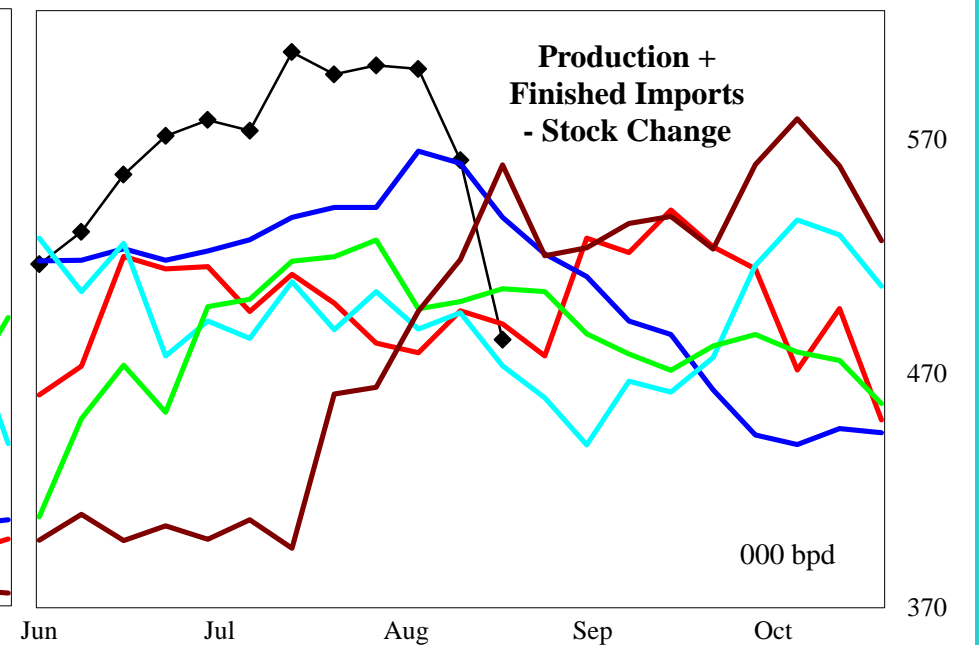
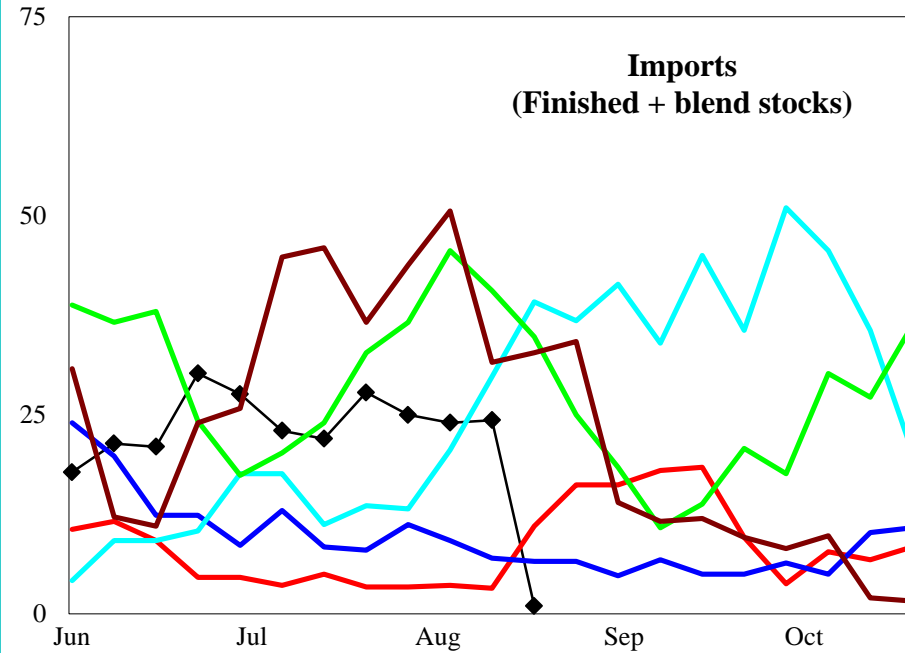
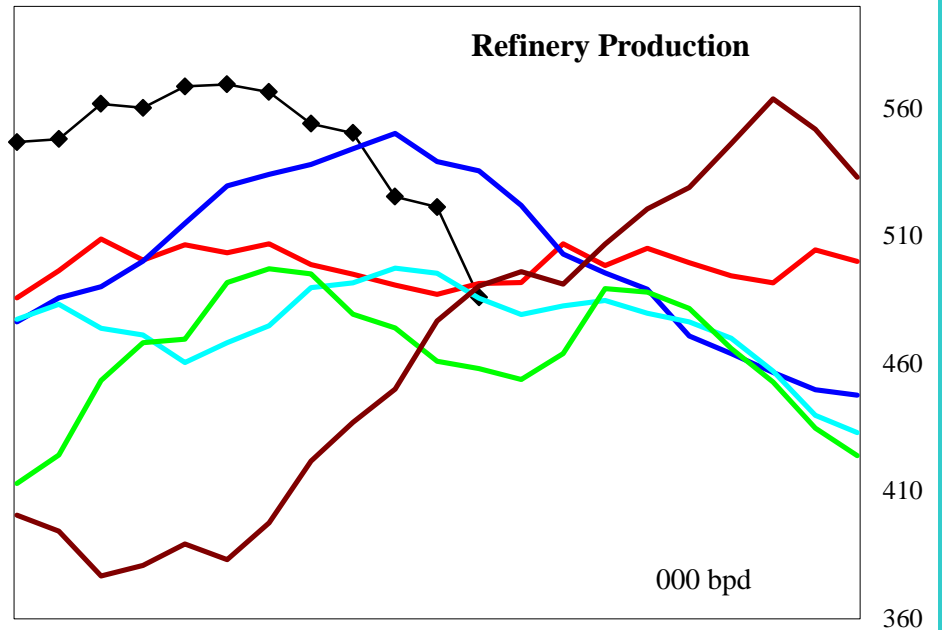
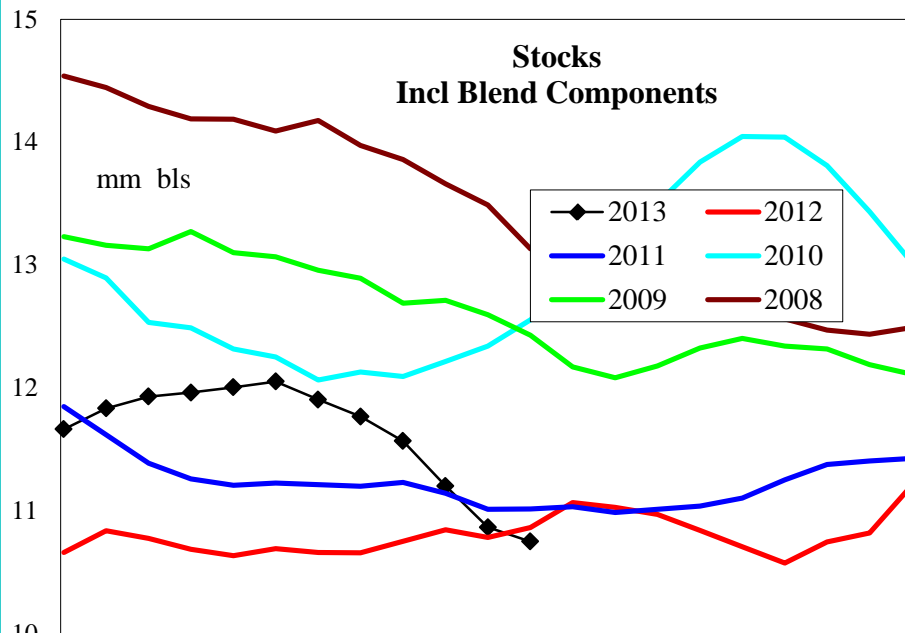
PADD 5 Gasoline Supply



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

-650

37

26

133

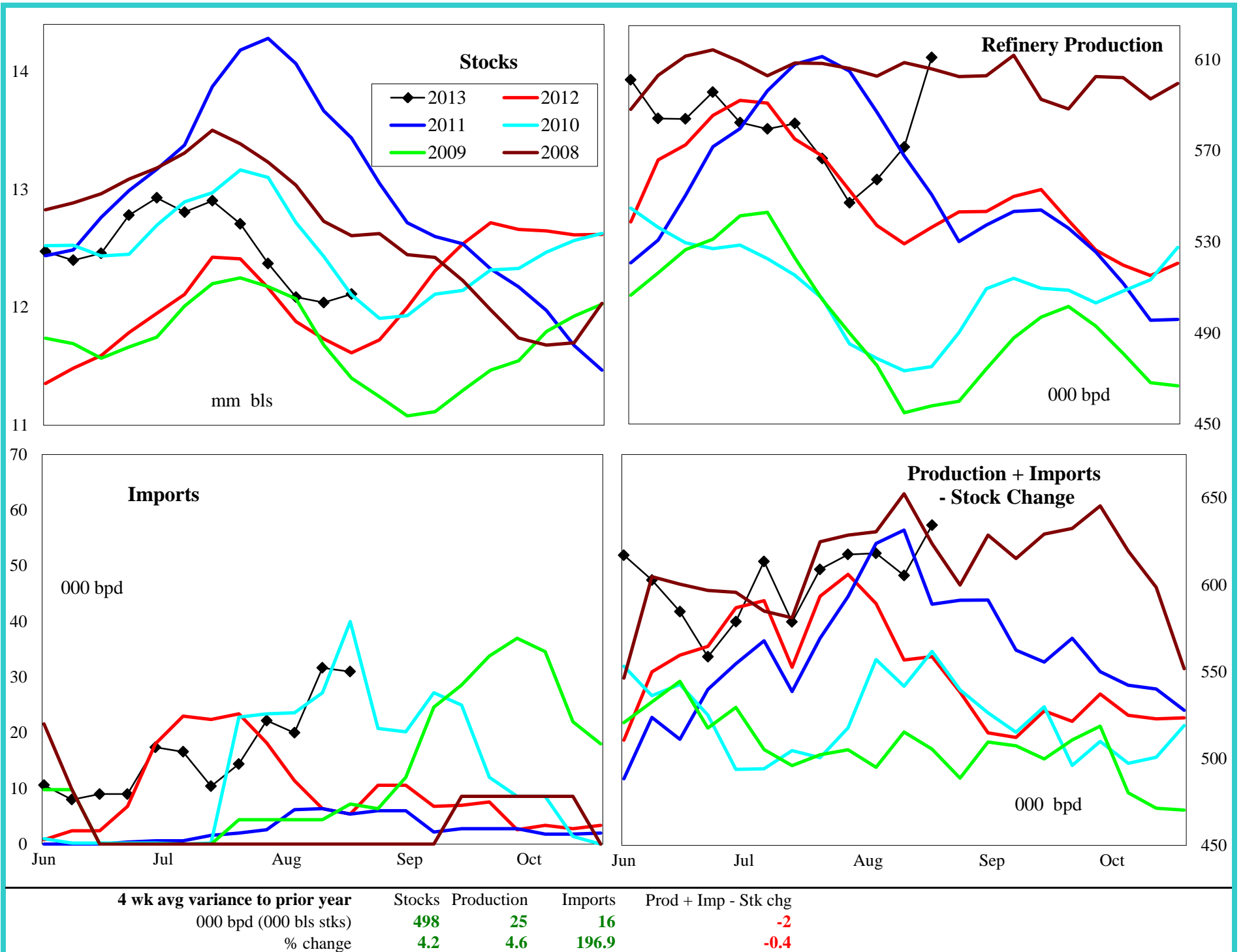
-5.7

7.5

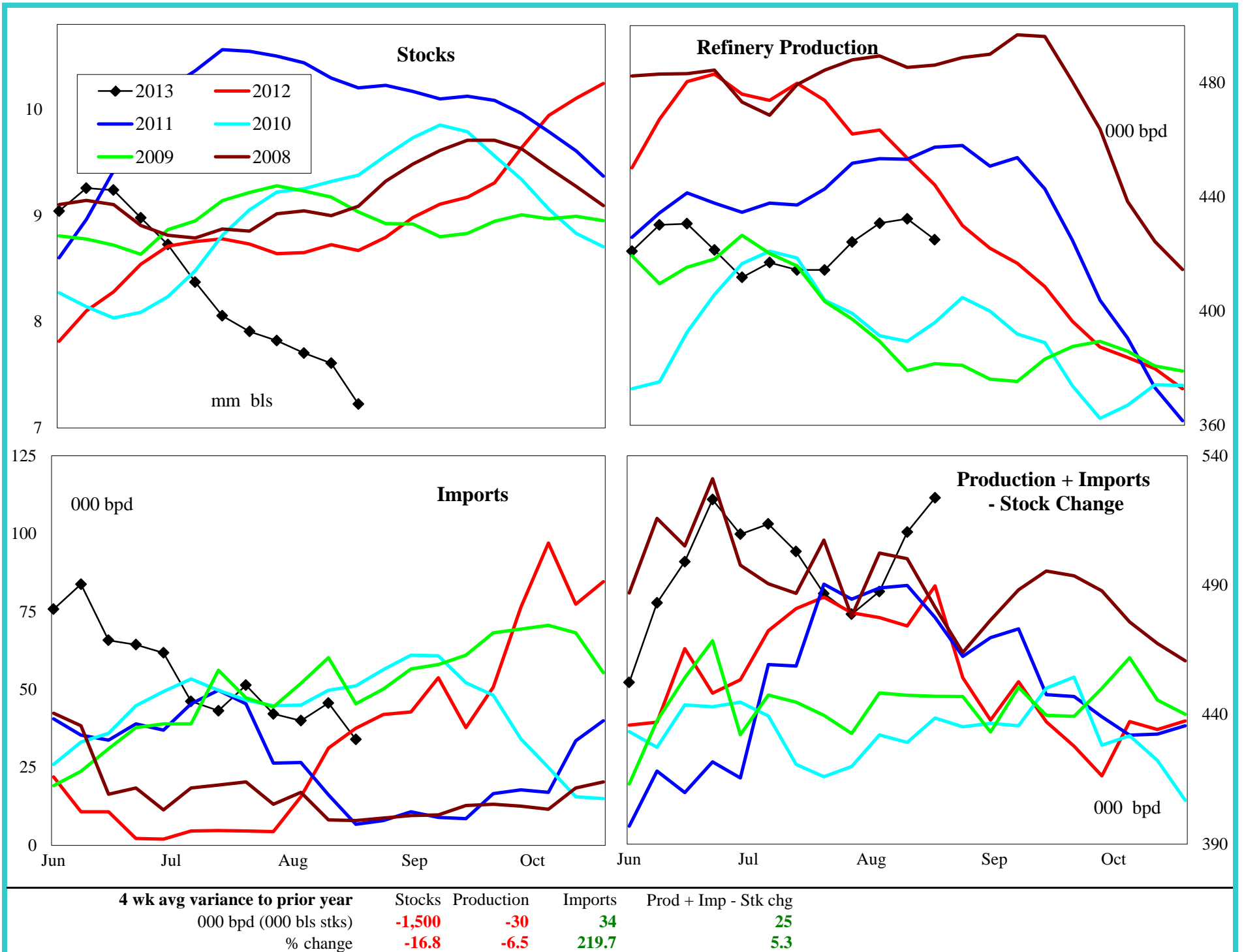
643.8

27.8

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

