



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

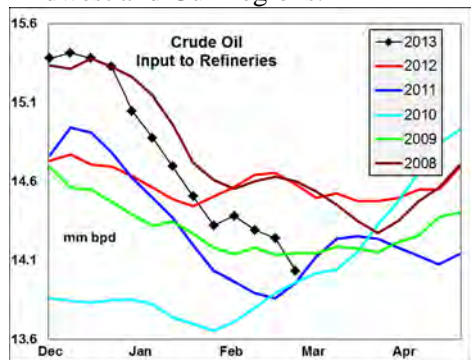
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, March 06, 2013

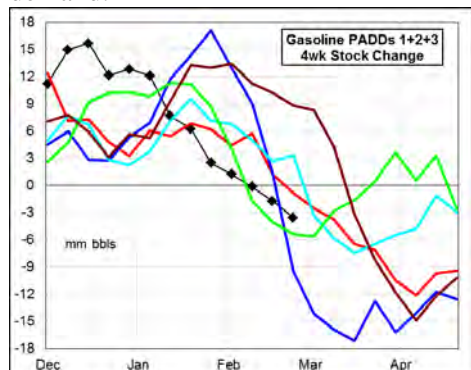


Major Fundamental Trends¹

Refiners continued maintenance last week with a -0.5 million bpd drop in crude oil runs; concentrated in the Midwest and Gulf regions.

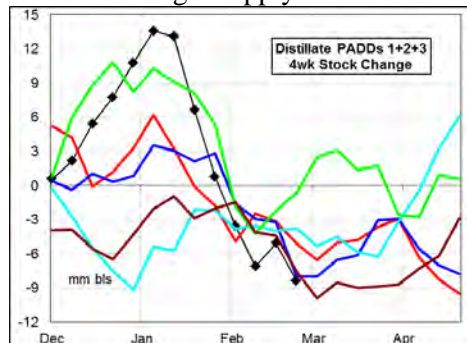


This maintenance contributed to a -0.6 million bpd drop in gasoline output. Gasoline wholesale demand also fell -233,000 bpd for the week, limiting the stock draw for the week to -0.6 million barrels. The latest 4-wk stock draw in markets east of the Rockies was -3.6 million barrels, a larger draw than two of the last 3-years. Look for above average stock draws over the next 60-days on above average refinery maintenance and higher seasonal demand.



A +355,000 bpd jump in wholesale distillate demand and -228,000 decrease in production last week led to a -3.8 million barrel stock draw. The latest 4-wk stock draw in markets east of the Rockies was -8 million barrels, a matching the record draw for this time of year. Refinery maintenance, higher seasonal demand and robust exports

should drive above average stock draws and a tight supply balance.



Crude oil imports fell -0.65 million bpd last week, to a new record low, partially offset by the drop in crude oil runs. Crude oil stocks jumped +3.8 million barrels on the week, driving stock levels to a new all time record high for the season.

Expect further crude oil stock builds over the next 60-days to be a downside risk to WTI crude oil prices.

Demand for distillate surged +355,000 bpd last week, reversing the prior week decrease.

Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +1.1%; distillate was +5.3% higher; jet fuel was -6.1% lower, and residual fuel fell -37%.

Stocks forward coverage: Gasoline demand coverage decreased on a -0.6 million barrel stock draw. Coverage levels matched the 3-year mid range.

Distillate coverage fell sharply on a -3.8 million barrel stock draw and higher demand. Coverage levels were well below the last 3-years.

Jet fuel coverage ended the week at a level equal to the historic mid range.

Residual fuel oil coverage rended lower on increased demand, ending the week at a level near highs of the prior 5-years.

Refinery utilization rates fell on a -480,000 bpd drop in crude oil thru put. During the latest 4-wk period crude oil input was -444,000 bpd below a year ago.

Gasoline yield % on crude oil runs fell on a -606,000 bpd plunge in output compared to the -480,000 bpd decrease

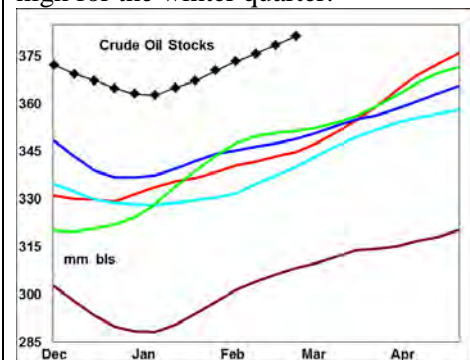
in crude oil thru put. Yield % on crude oil runs fell below the 5-year mid range.

Distillate yield % on crude oil runs was nearly unchanged on a -228,000 bpd decrease in output compared to the drop in crude oil throughput. The yield % on crude oil runs remains above the historic range for the period.

Jet fuel yield % on crude oil runs increased on a +7,000 bpd rise in output, compared to the drop in crude oil runs. The yield % remains above the historic range.

Petroleum Imports of crude oil fell -0.65 million bpd last week, with middle distillate imports also lower for the week. 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 decreased -48,000 bpd, gasoline blend stock imports decreased -21,000 bpd; jet fuel imports decreased -2,000 bpd, while residual fuel oil imports were +4,000 bpd higher.

Crude Oil stocks increased +3.8 million barrels last week, concentrated in the Gulf Region. The -0.5 million bpd drop in crude oil runs offset much of the -0.65 million bpd decrease in imports. U.S. stocks ended the week +10.3% above last year and a record high for the winter quarter.



¹ Source is latest EIA Weekly Statistics



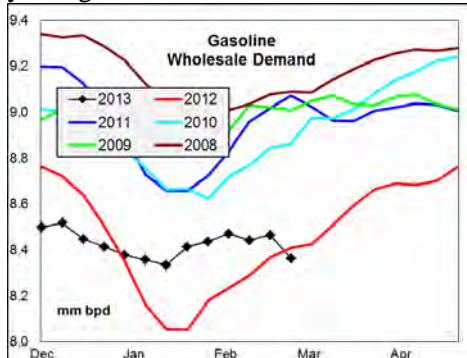
WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

A Fundamental Petroleum Trends Weekly Report

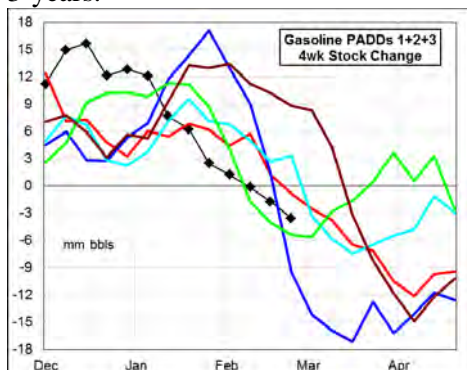
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, March 06, 2013

Product Supply-Demand Trends

Gasoline wholesale demand fell -233,000 bpd on the week, to a level below the historic range. The latest 4-wk average demand was +96,000 bpd above a year ago. Supply fell -0.6 million bpd on the week, reversing the prior week surge. Supply for the latest 4-wk period was +64,000 bpd above a year ago.



Stocks decreased -0.6 million barrels last week, with the level below the last 3-years. The latest 4-wk draw of -3.6 million barrels exceeded two of the last 3-years.

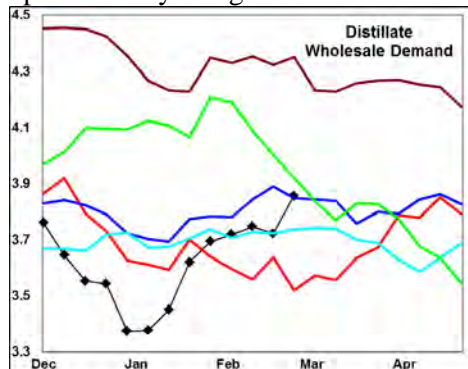


Supply reversed last week's surge on a drop in crude oil refinery input and an end to the one-time blending of intermediate feedstocks. Given the drop in supply, stock draws were less than would have occurred due to a drop in wholesale demand.

Year on year demand growth and spring refinery maintenance should lead to above average stock draws during the next 60-days – pointing to a tightening of the supply balance.

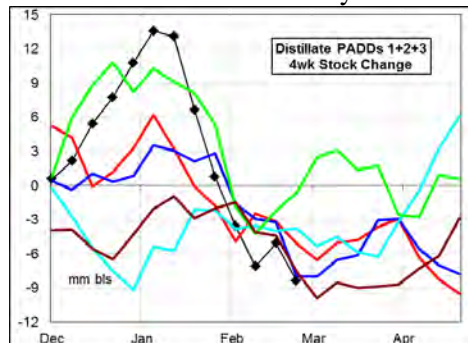
Distillate demand jumped +355,000 bpd last week, to a level that matched 3-year highs for the week. The latest 4-wk average demand was +189,000

bpd above a year ago.



Supply fell -272,000 bpd last week, on sharply lower production. The latest 4-wk average supply was +60,000 bpd above last year. Stocks fell -3.6 million barrels last week, on a surge in demand and lower production.

The latest 4-wk stock change in markets East of the Rockies was a -8 million barrel draw, matching the prior record draw for this time of year.



Higher wholesale demand and refinery maintenance to should drive above average draws during the next 45-days. Stock levels remain near 5-year lows. These trends point toward a continued tight supply demand balance.

Jet Fuel demand was unchanged last week, at a level that matched 5-year lows for the period. The latest 4-wk average demand was -85,000 bpd below a year ago.

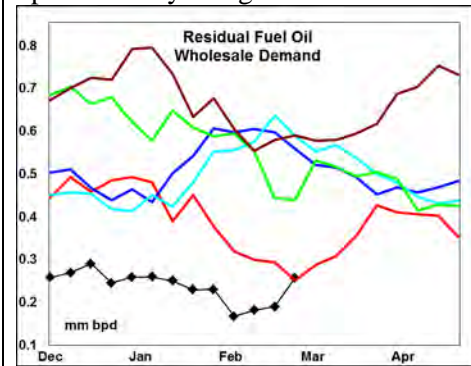
Supplies fell -47,000 bpd on the week, due to lower imports. Supply for the latest 4-wk period was +25,000 bpd above a year ago. Stock levels ended the week at a level that matched the 5-year lows.

Stock levels have improved in the East Coast, Midwest and Rockies markets, but remain tight in the West

Coast. The Gulf saw a -1.3 million barrel draw last week, contributing the the improvement in PADDs 1 and 2. Look for the supply balance to remain tight during the next 2-months on higher seasonal demand and ongoing spring refinery maintenance.



Residual fuel oil demand increased +115,000 bpd last week. Demand for the latest 4-wk period was -136,000 bpd below a year ago.



Supply (production + imports) increased +166,000 bpd last week, on higher imports. The latest 4-wk average supply was -57,000 bpd below last year on lower production. Stocks increased +0.4 million barrels on the week, at a level below the mid range.

Stock levels in PADDs 2 & 3 each ended the week at record high levels, driven by a surge in production. Stock levels on the East Coast remain below the historic range.

PADD Supply Trends

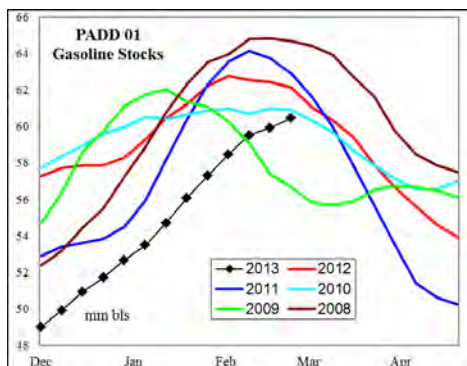
PADD 1 refinery crude oil runs increased +34,000 bpd last week, a level still below the 5-year range. The latest 4-wk average crude oil thru put was -28,000 bpd below a year ago.



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

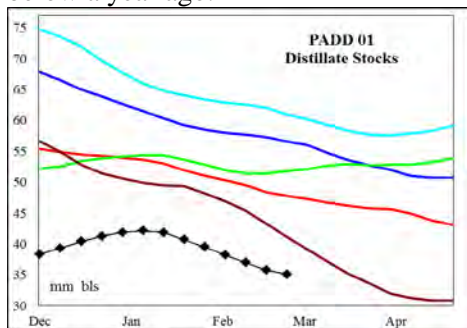
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, March 06, 2013

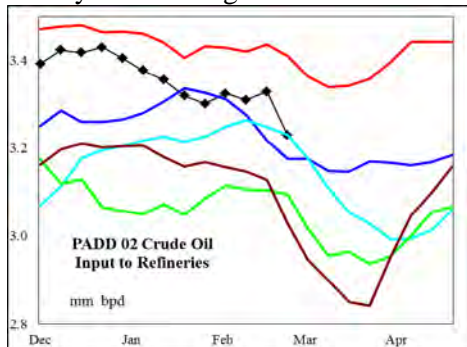


Gasoline supply increased +179,000 bpd on higher imports last week. Stock levels ended the week below each of the last 3-years.

Distillate supply fell -48,000 bpd on the week due to lower imports. Stocks decreased -0.8 million barrels on the week, with the level -27% below a year ago.



Jet fuel stocks increased +0.6 million barrels for the week, to a level above the 3-year mid range.



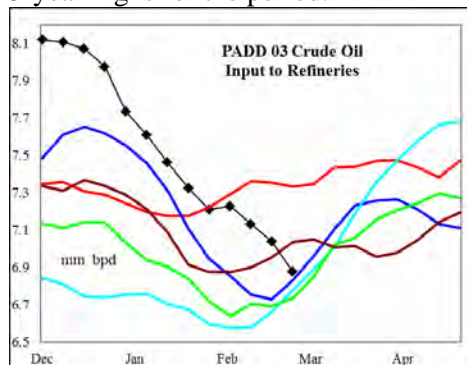
PADD 2 crude oil refinery runs fell -205,000 bpd last week, matching the 3-year mid range for the week. Runs for the latest 4-wk period were -125,000 bpd below last year. Crude oil stocks decreased -0.6 million barrels on the week. Stocks ended the week +41% above a year ago at Cushing, Oklahoma.

Gasoline production decreased -32,000 bpd on the week, a level comparable to the average of the last 3-years. Stocks increased +1.1 million barrels on the week, with the level near the latest 3-year mid range.

Distillate supply matched last years' 5-year high. Stock levels remained below the 5-year range.

Jet fuel production decreased -20,000 bpd to a level comparable with the last 2-years. Stocks increased +0.2 million barrels, with the level matching historic lows.

PADD 3 refinery runs fell -0.3 million bpd last week, to a level near the historic mid range. The latest 4-wk average runs were -324,000 bpd below a year ago. Crude oil stocks increased +3.5 million barrels with the level near 3-year highs for the period.



Gasoline supply fell -274,000 bpd last week, ending the week at a level near historic lows for the period. Production for the latest 4-wk period was +144,000 bpd above a year ago. Stocks fell -2.1 million barrels, to a level that matched the 3-year mid range.

Distillate supply fell -161,000 bpd on the week, with the latest 4-wk average nearly unchanged from last year. Stocks fell -3.3 million barrels on the week, to a level below each of the last 3-years.

Jet fuel production declined -31,000 bpd last week. Stocks fell -1.3 million barrels on the week, to a level below the historic mid range.

Residual fuel oil supplies climbed +128,000 bpd on the week, with both production and imports near historic

highs. Stock levels ended the week +11% above last year and well above the 5-year range.

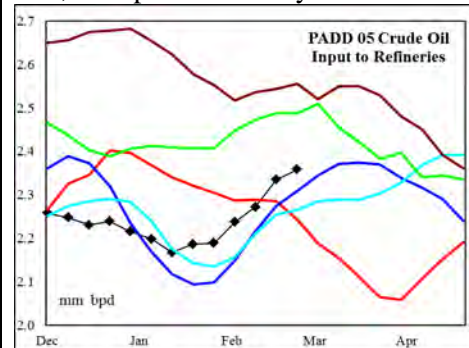
PADD 4 refinery crude runs continue a 6-wk path that matches last years' 5-year highs.

Gasoline production increased +9,000 bpd on the week, to a level that matched the historic high for this time of year. Stock levels remain above the 3-year mid range.

Distillate production remains slightly below last years' record high levels for the last 90-days. Stocks increased +0.2 million barrels on the week, with the level well above four of the last 5-years.

Jet fuel production jumped +10,000 bpd on the week to a record high. Stocks also increased to a level comparable with the last 2-years.

PADD 5 crude oil refinery runs decreased -9,000 bpd on the week, to a level above the last 3-years. Runs for the most recent 4-wk period were +30,000 bpd above last year.

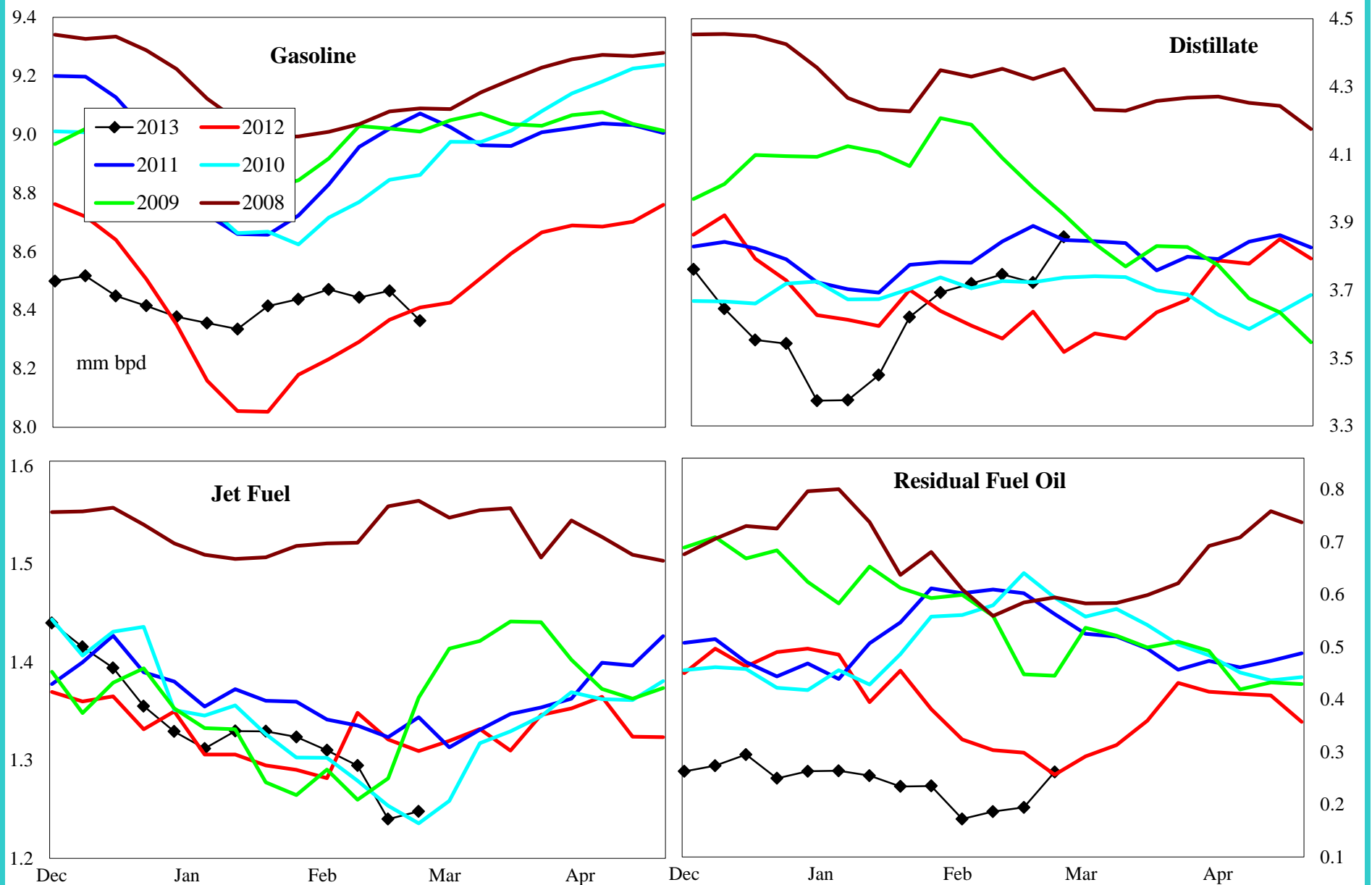


Gasoline supply decreased -54,000 bpd on the week, to a level that matched the average of the last 3-years. The latest 4-wk average supply was -14,000 bpd below a year ago. Stocks decreased -0.1 million barrels, with the level near the 3-year mid range.

Distillate supply decreased -64,000 bpd, to a level well above two of the last 3-years. Stocks decreased -0.2 million barrels to a level at the upper end of the 5-year range.

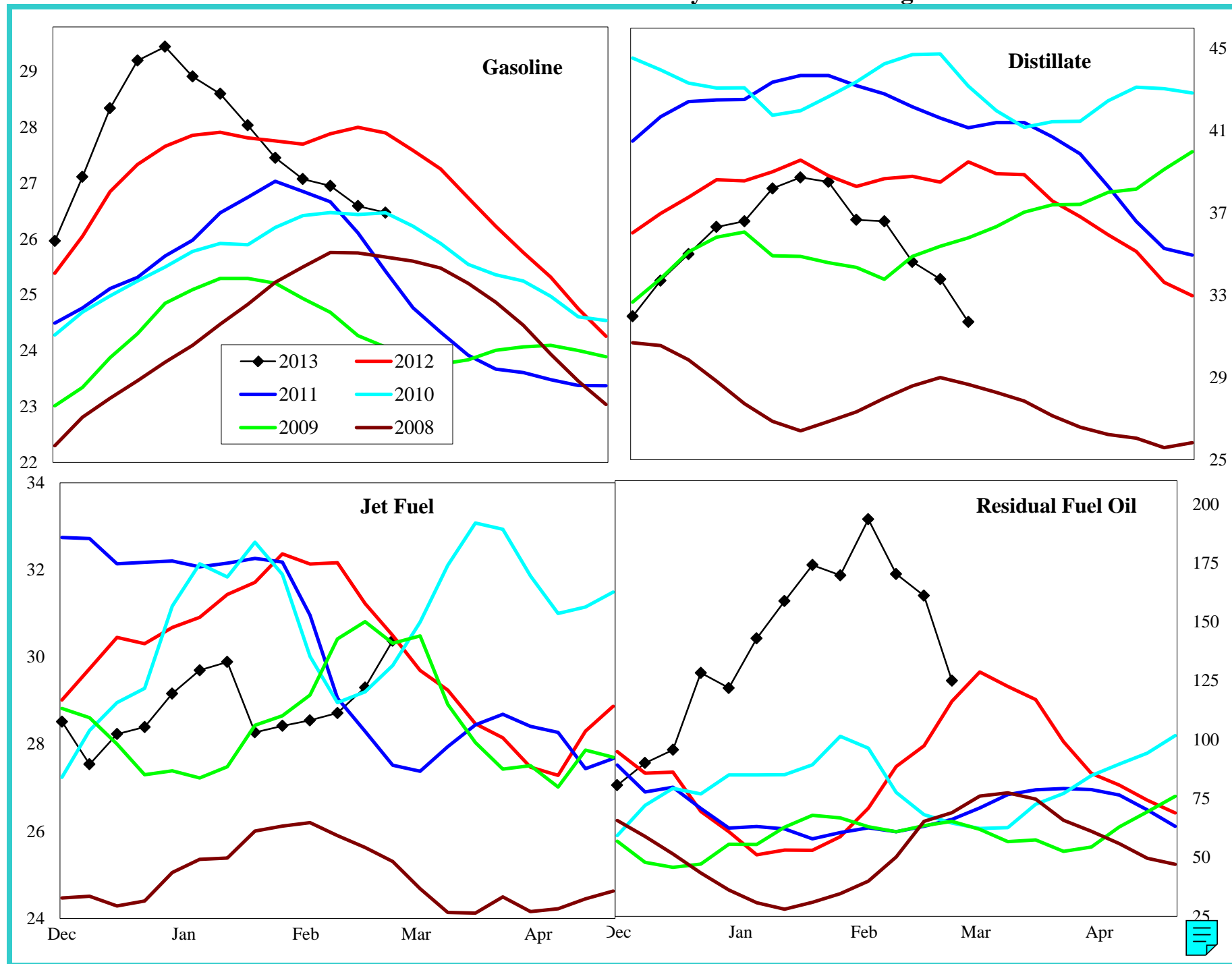
Jet fuel production climbed to a level that matched 5-year highs for this time of year. Stock levels remain below the historic range.

United States Wholesale Petroleum Demand

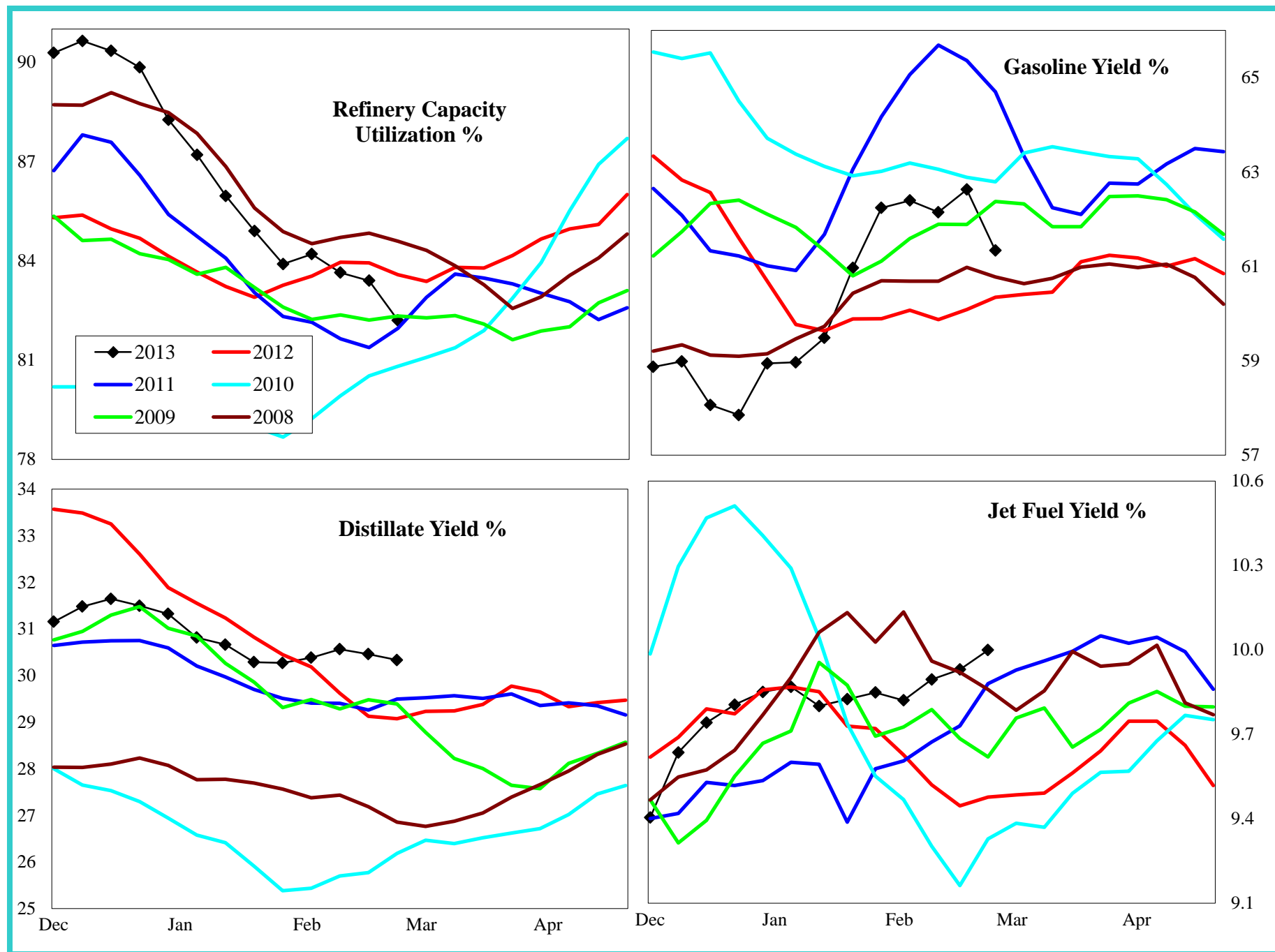


	000 bpd change from prior year				% change from prior year				
	4wk avg	Jan	Dec	Nov	4wk avg	Jan	Dec	Nov	
Gasoline	96	230	-244	2	1.1	2.8	-2.8	0.0	
Distillate	189	-282	-286	-207	5.3	-7.4	-7.4	-5.0	
Jet Fuel	-85	49	67	-9	-6.1	3.7	4.9	-0.6	
Resid	-136	-135	-209	-100	-36.7	-32.1	-40.3	-25.3	

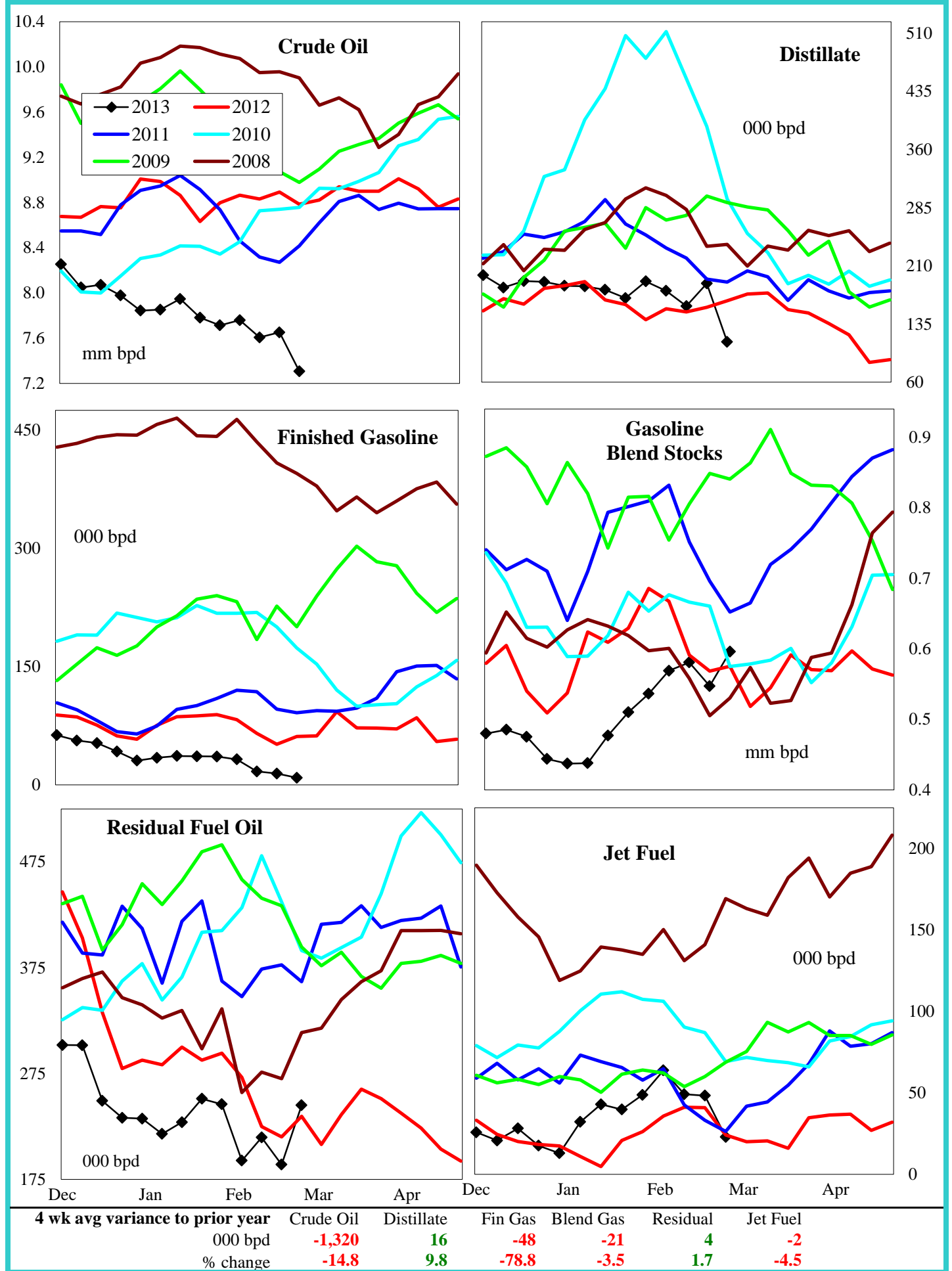


United States Product Stocks: Days Forward Coverage

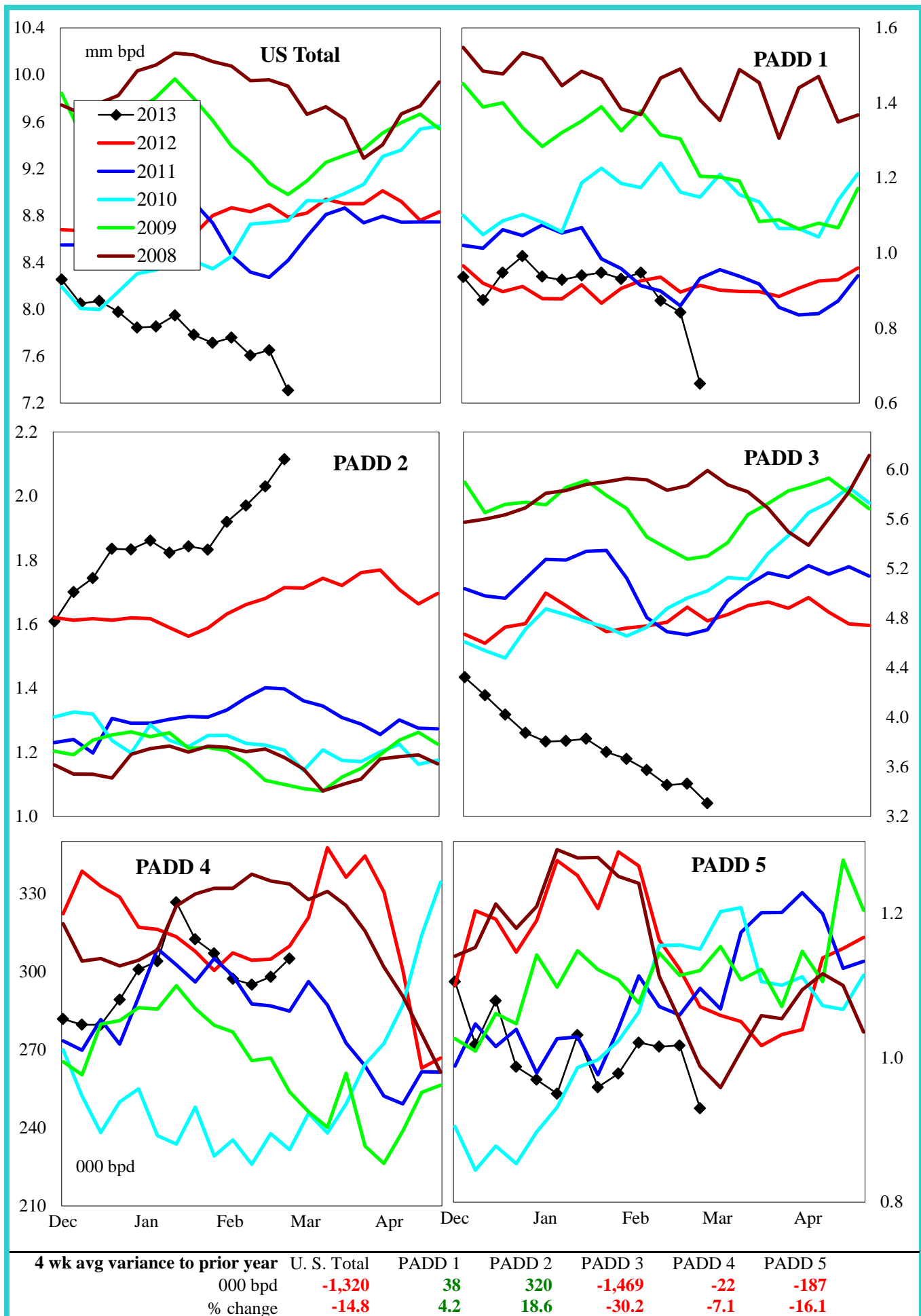
United States Refinery Percent Utilization Rate and Product Yields



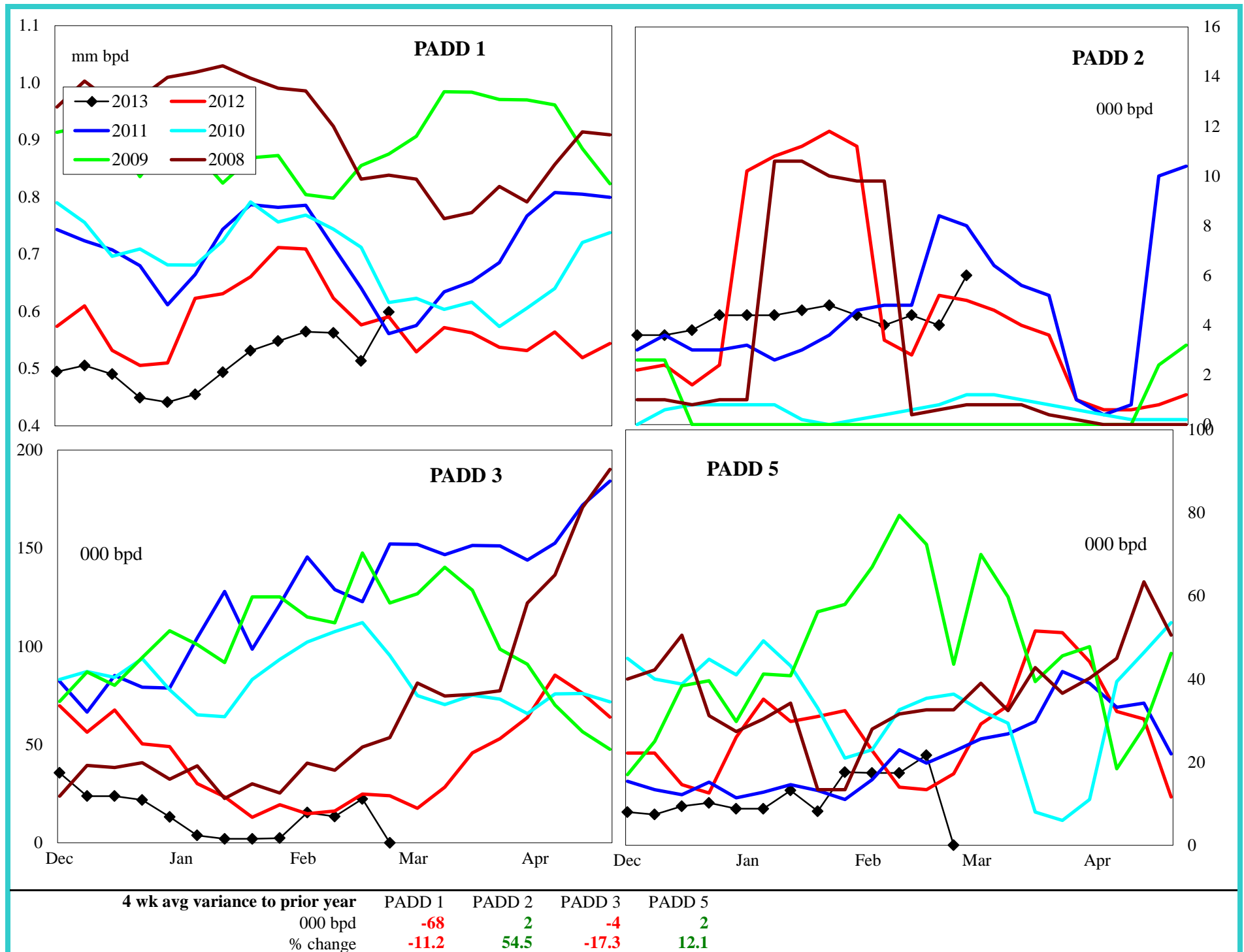
United States Petroleum Imports



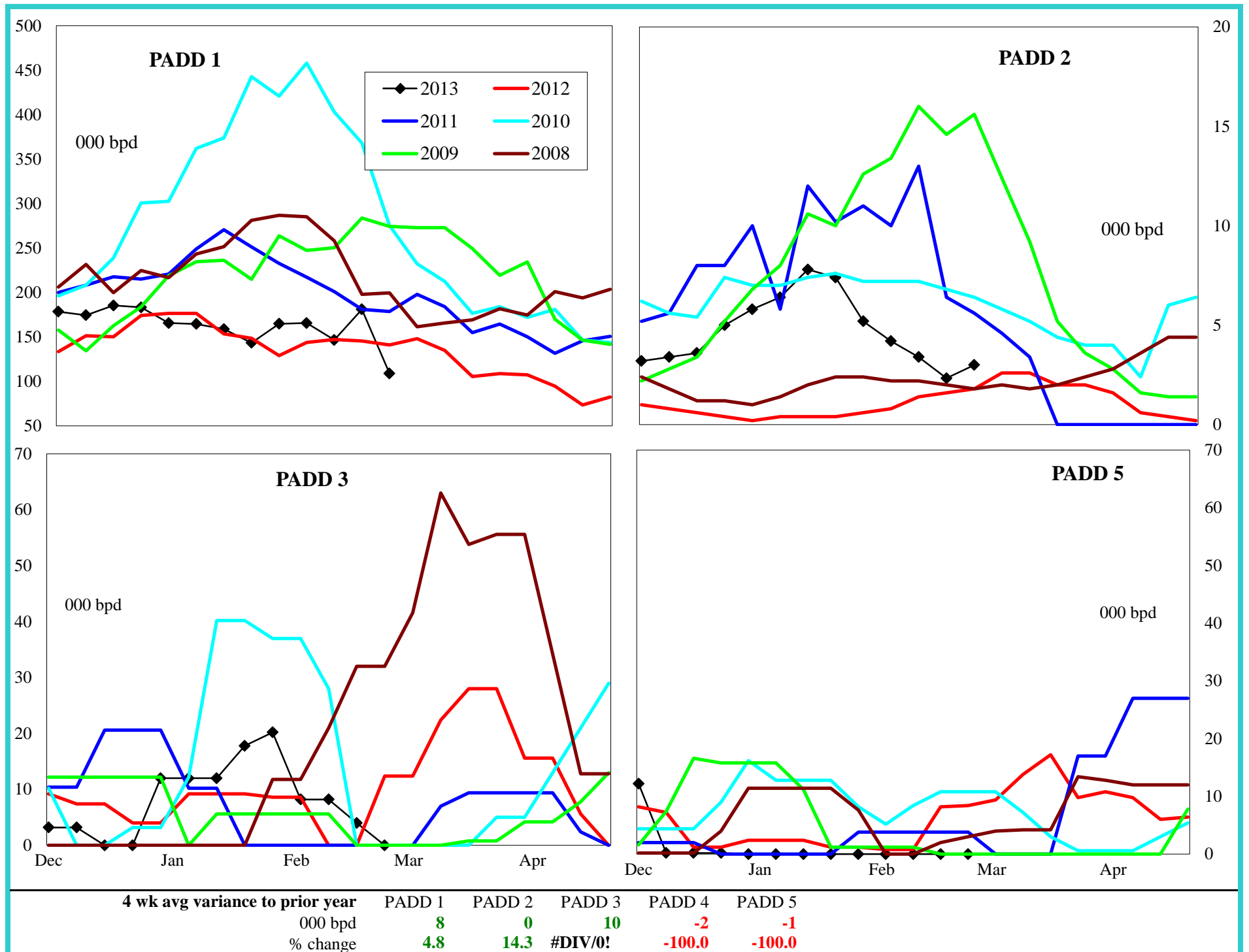
Crude Oil Imports by PADD



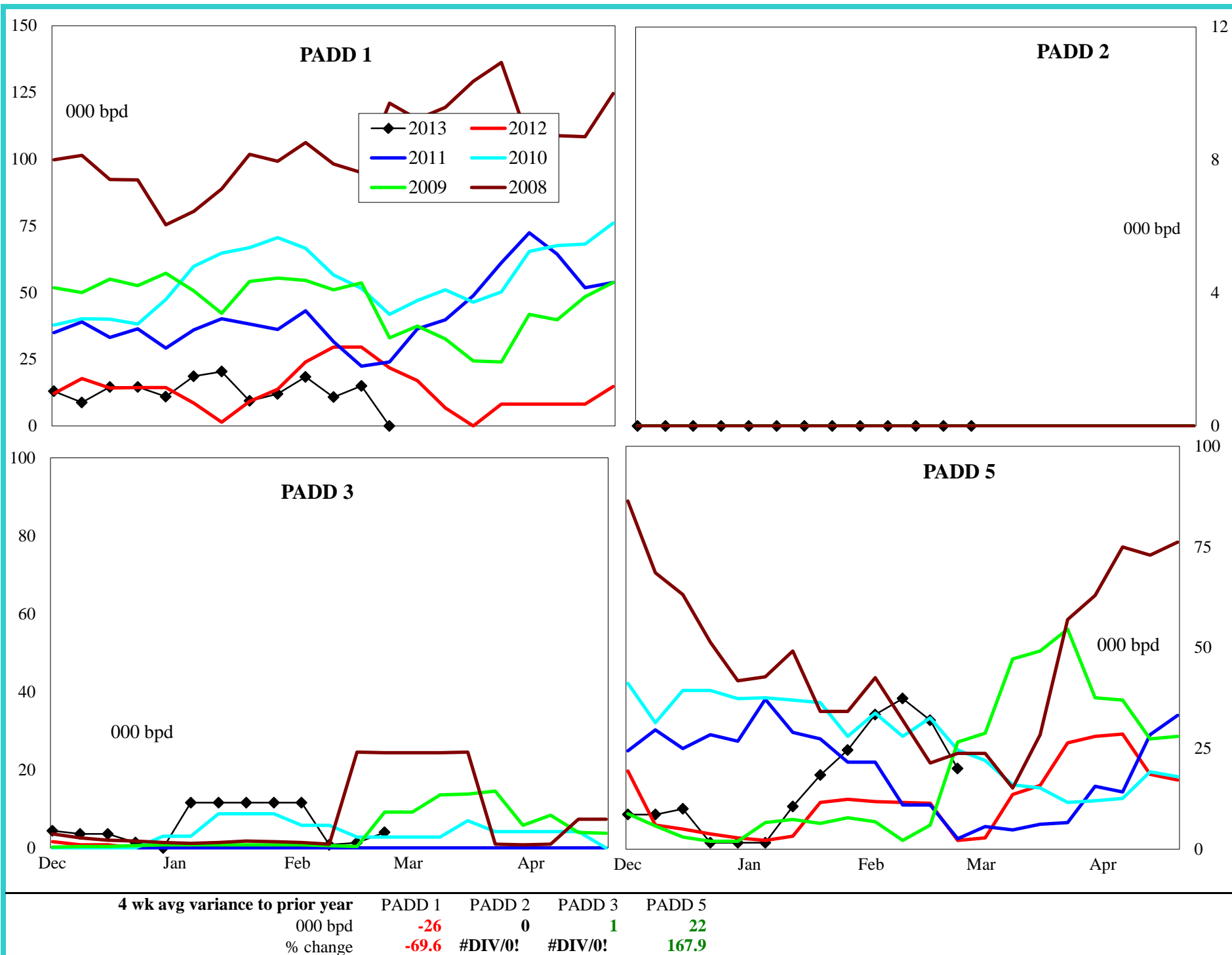
Gasoline Imports by PADD (Finished + Blend Stocks)



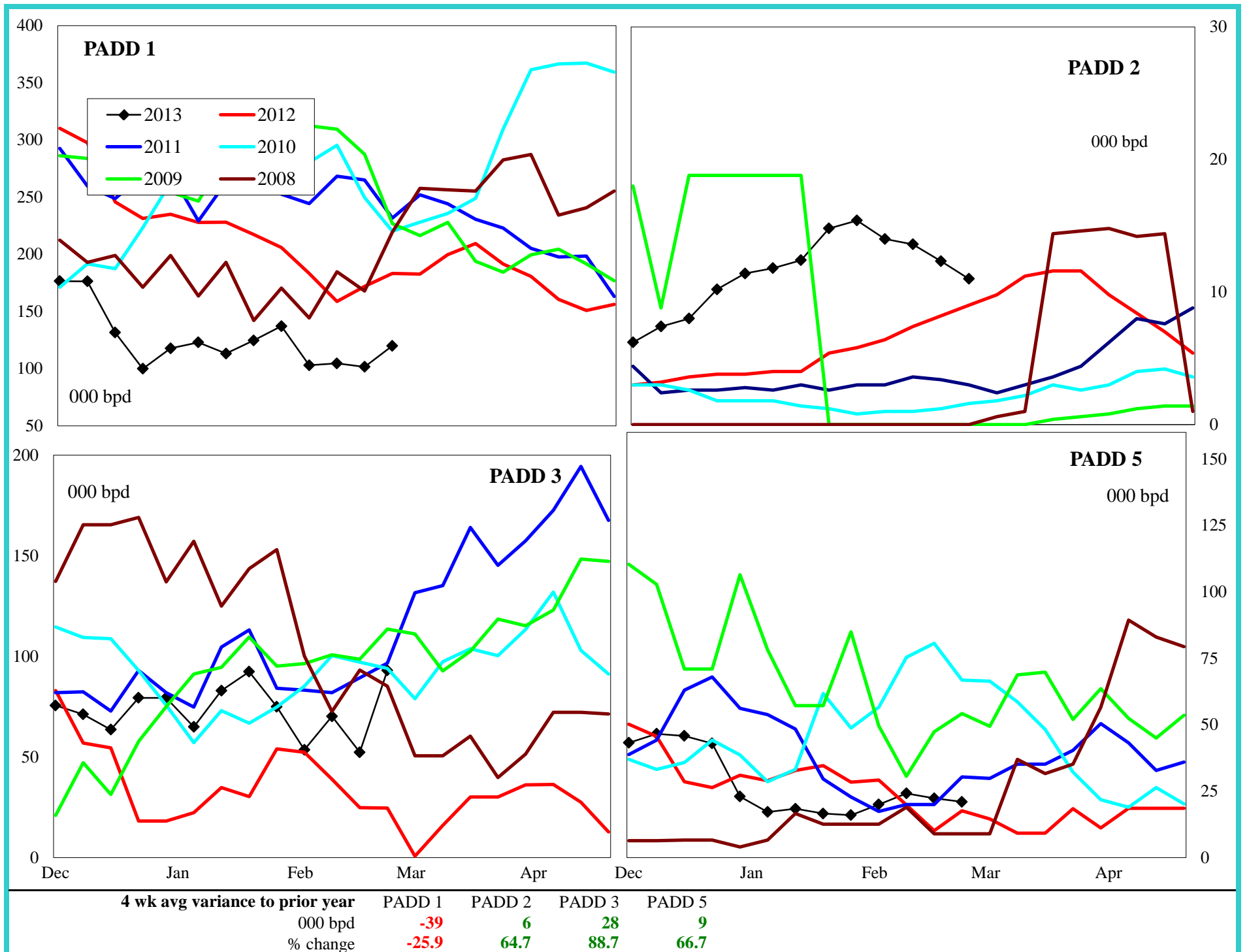
Distillate Imports by PADD



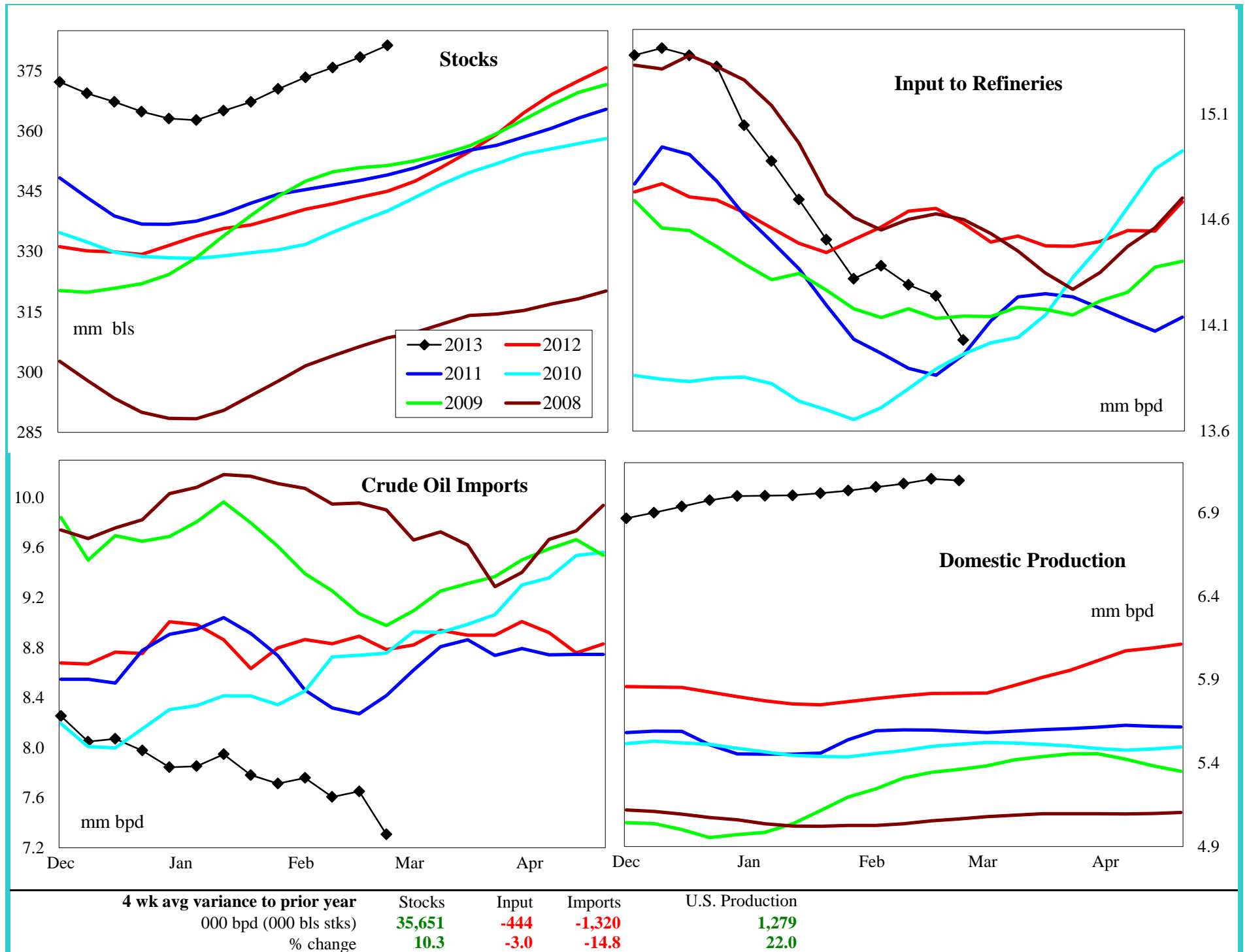
Jet Fuel Imports by PADD



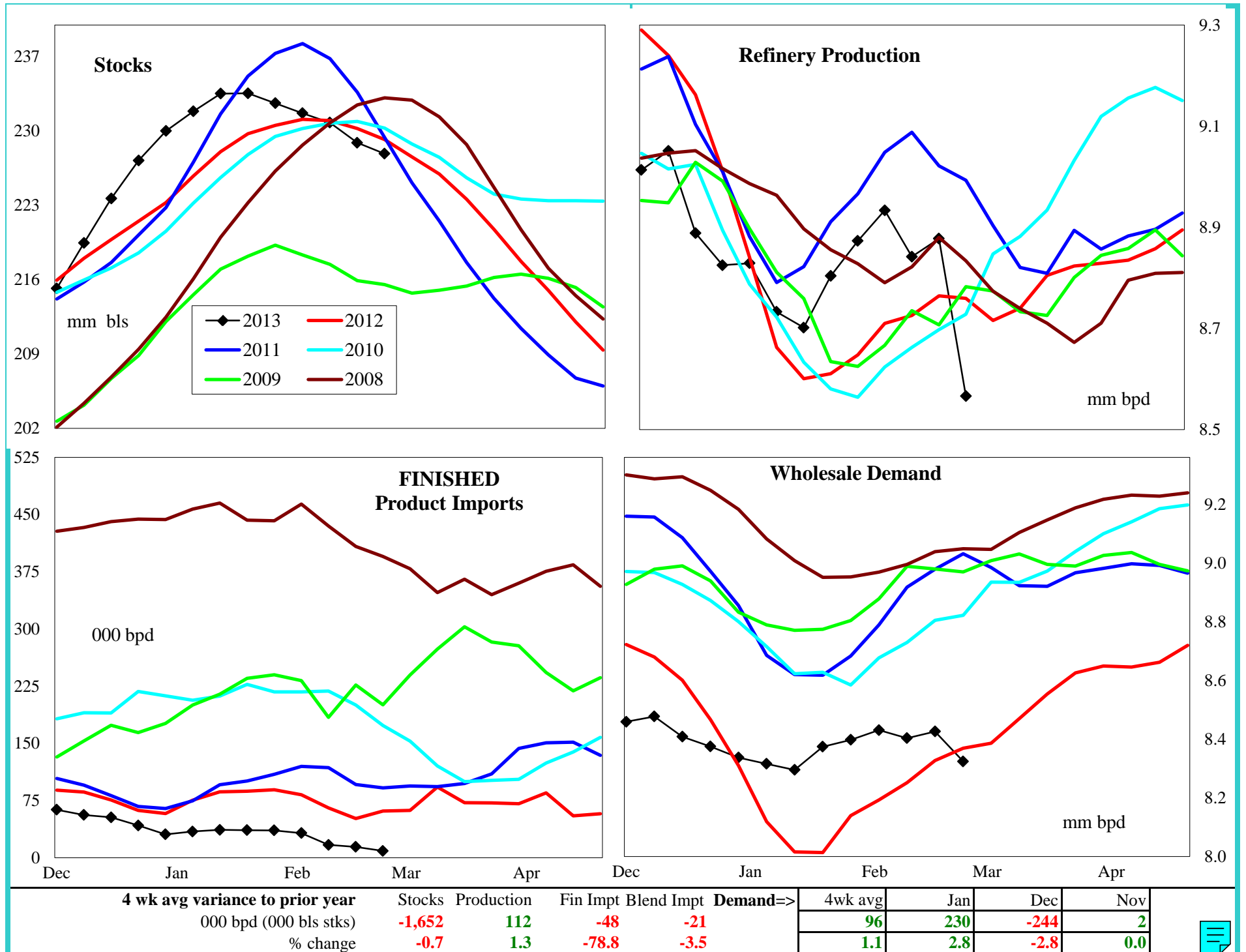
Residual Fuel Oil Imports by PADD



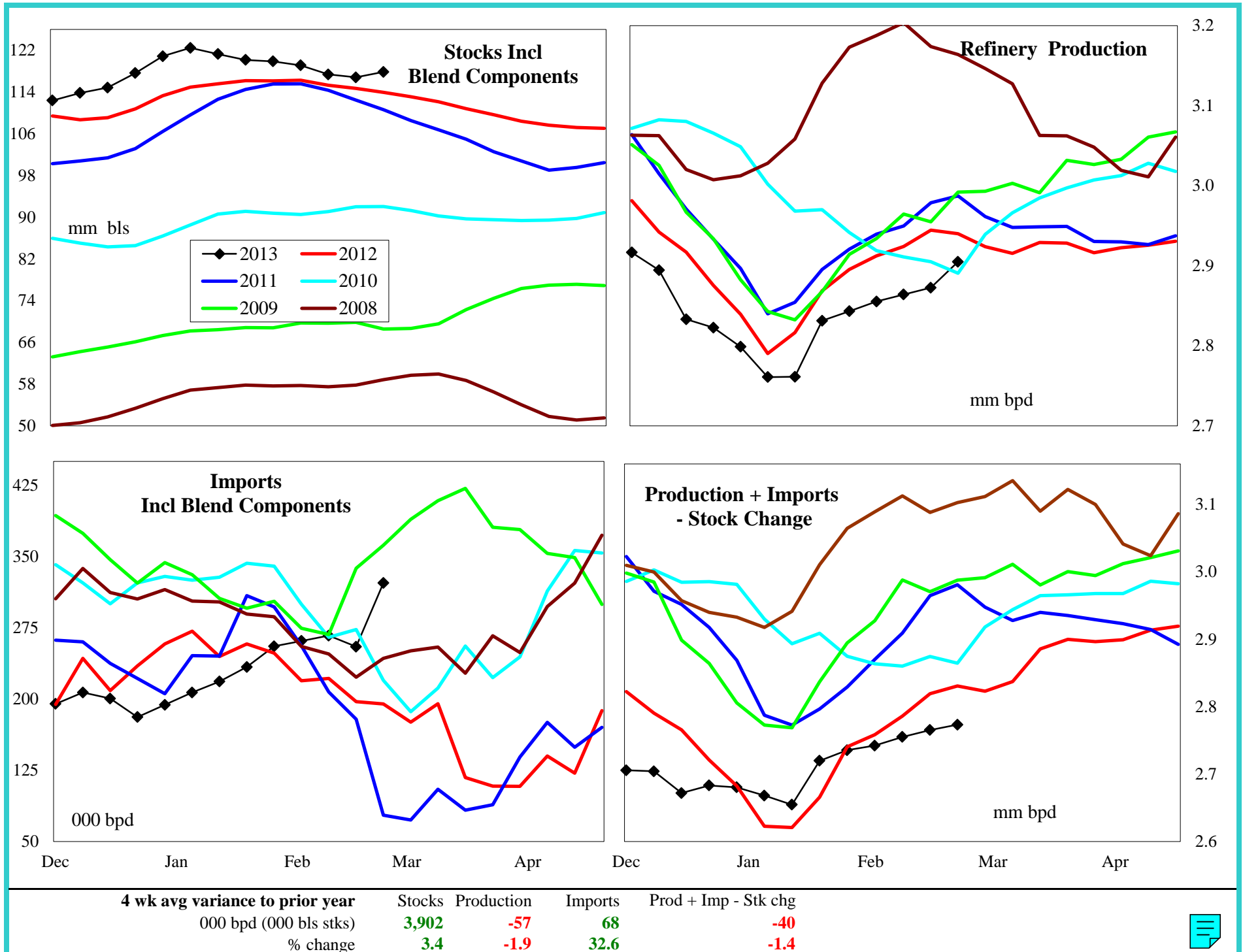
United States Crude Oil Supply and Demand Balance



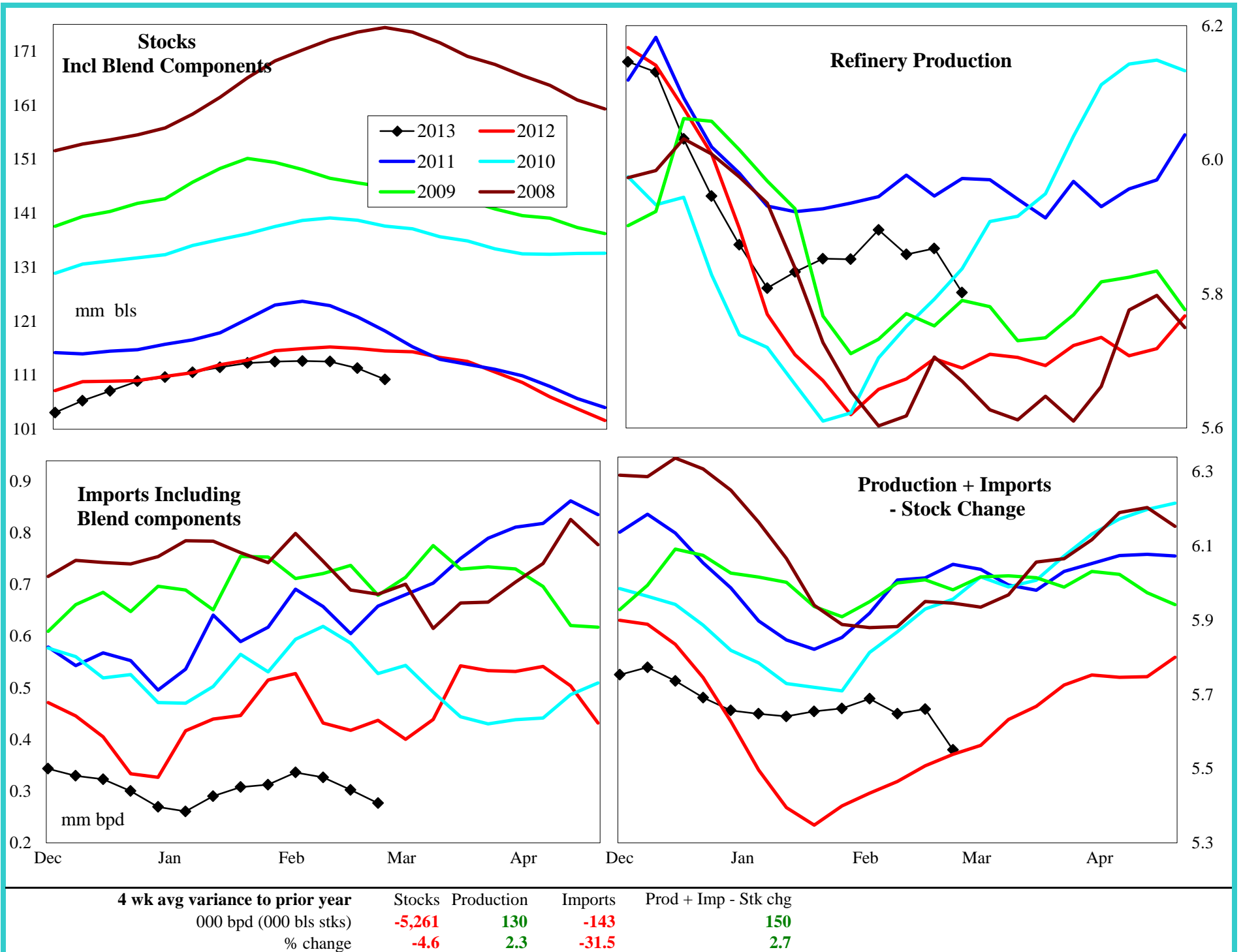
United States Gasoline Supply and Demand Balance



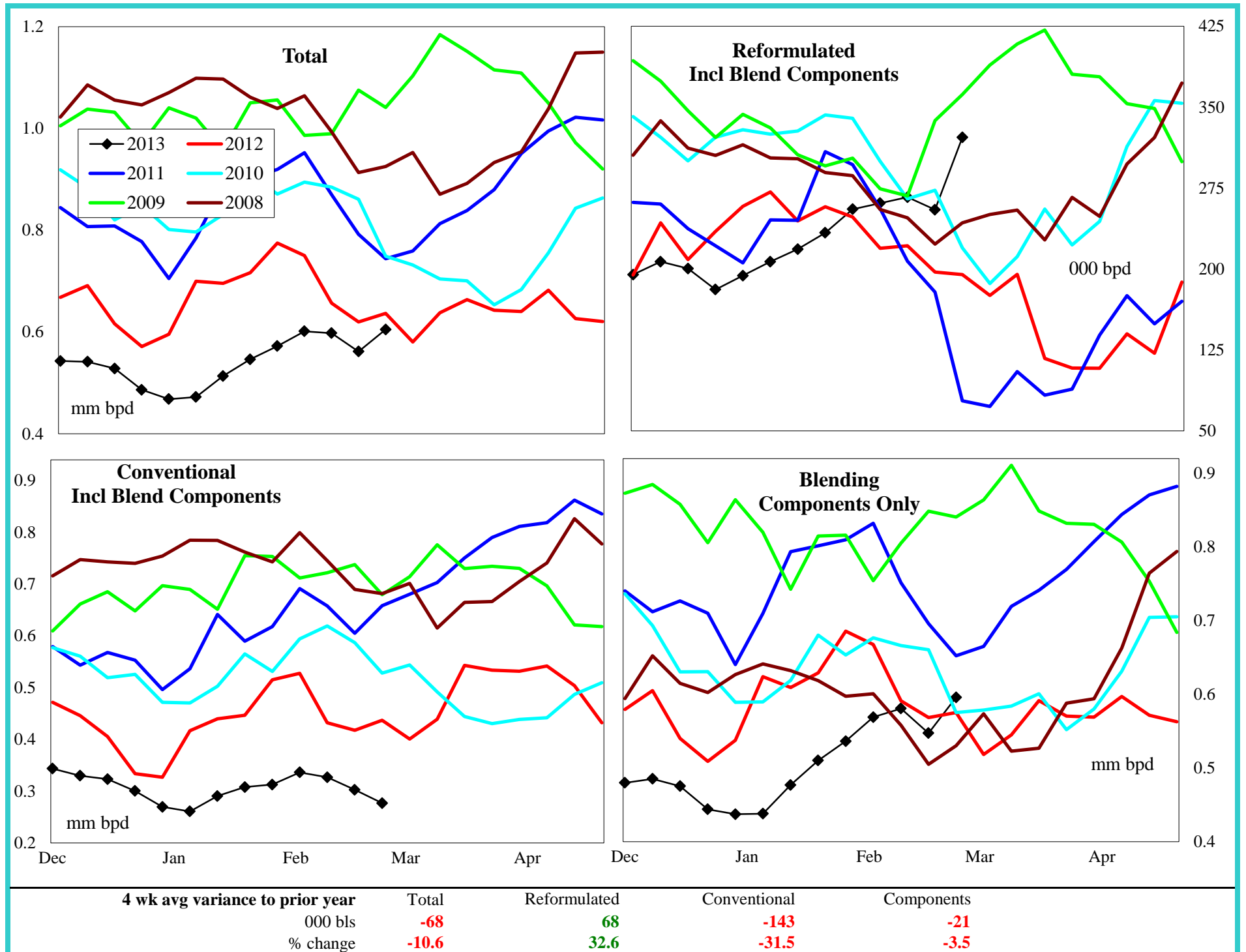
United States Reformulated Gasoline Supply



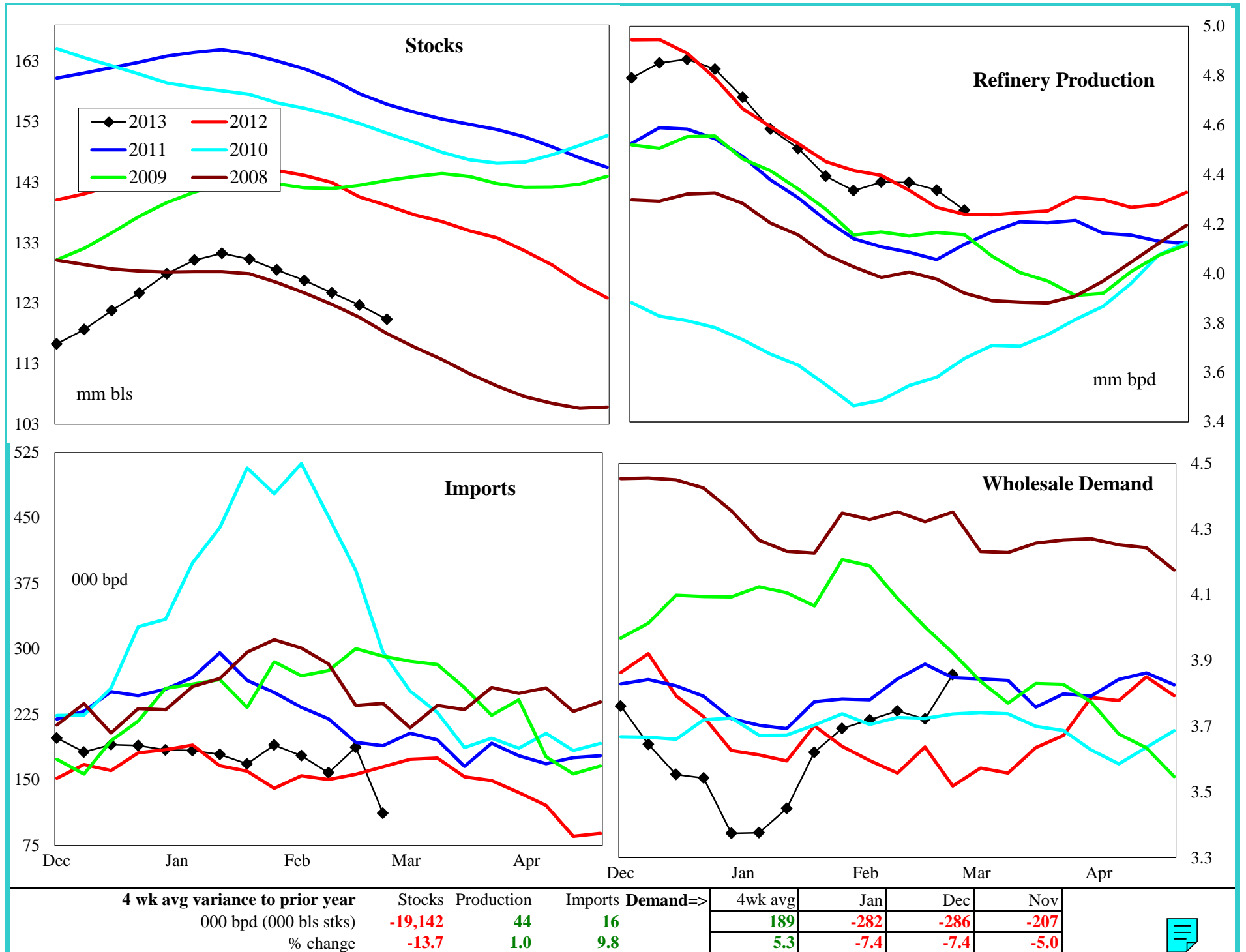
United States Conventional Gasoline Supply



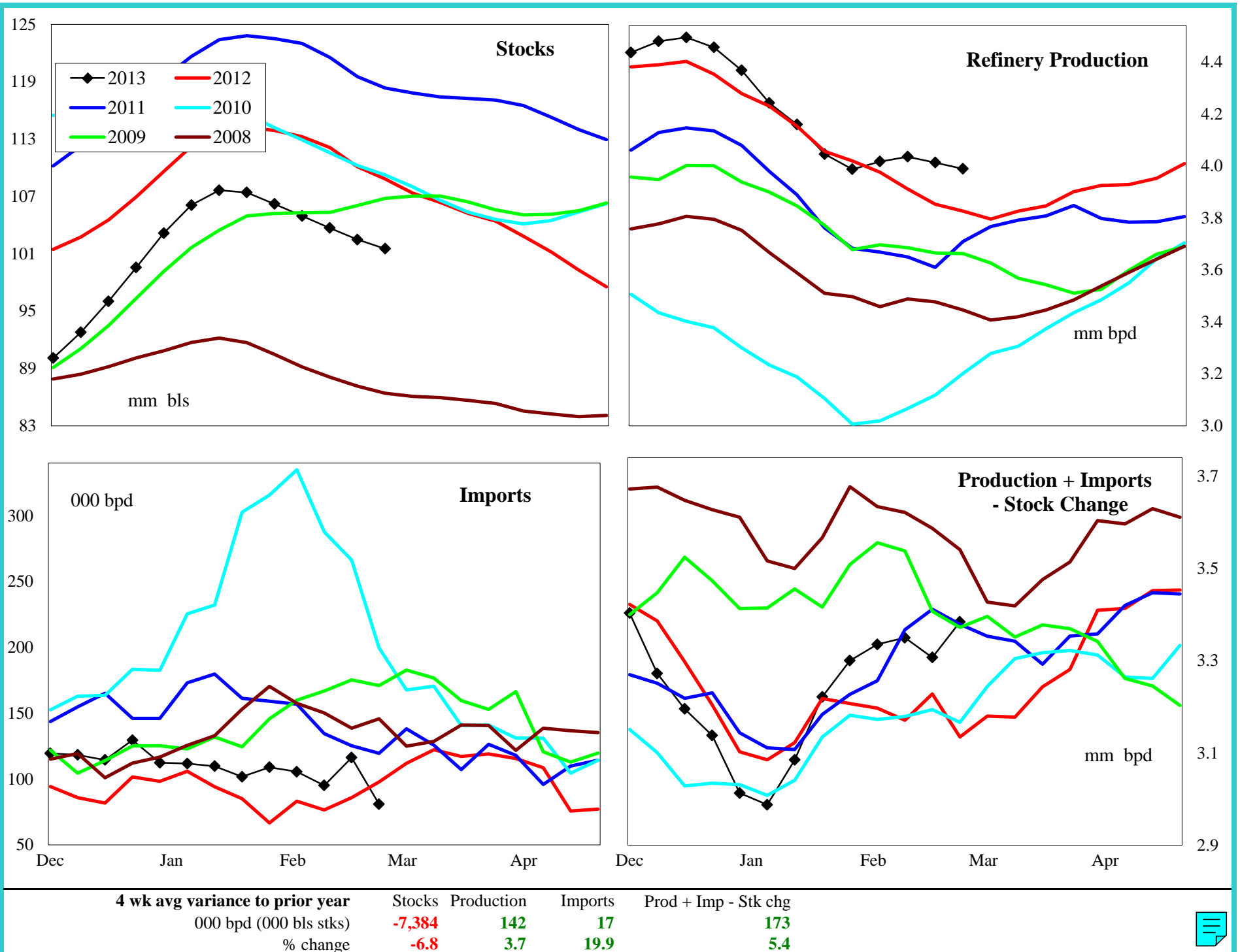
United States Gasoline Imports by Type



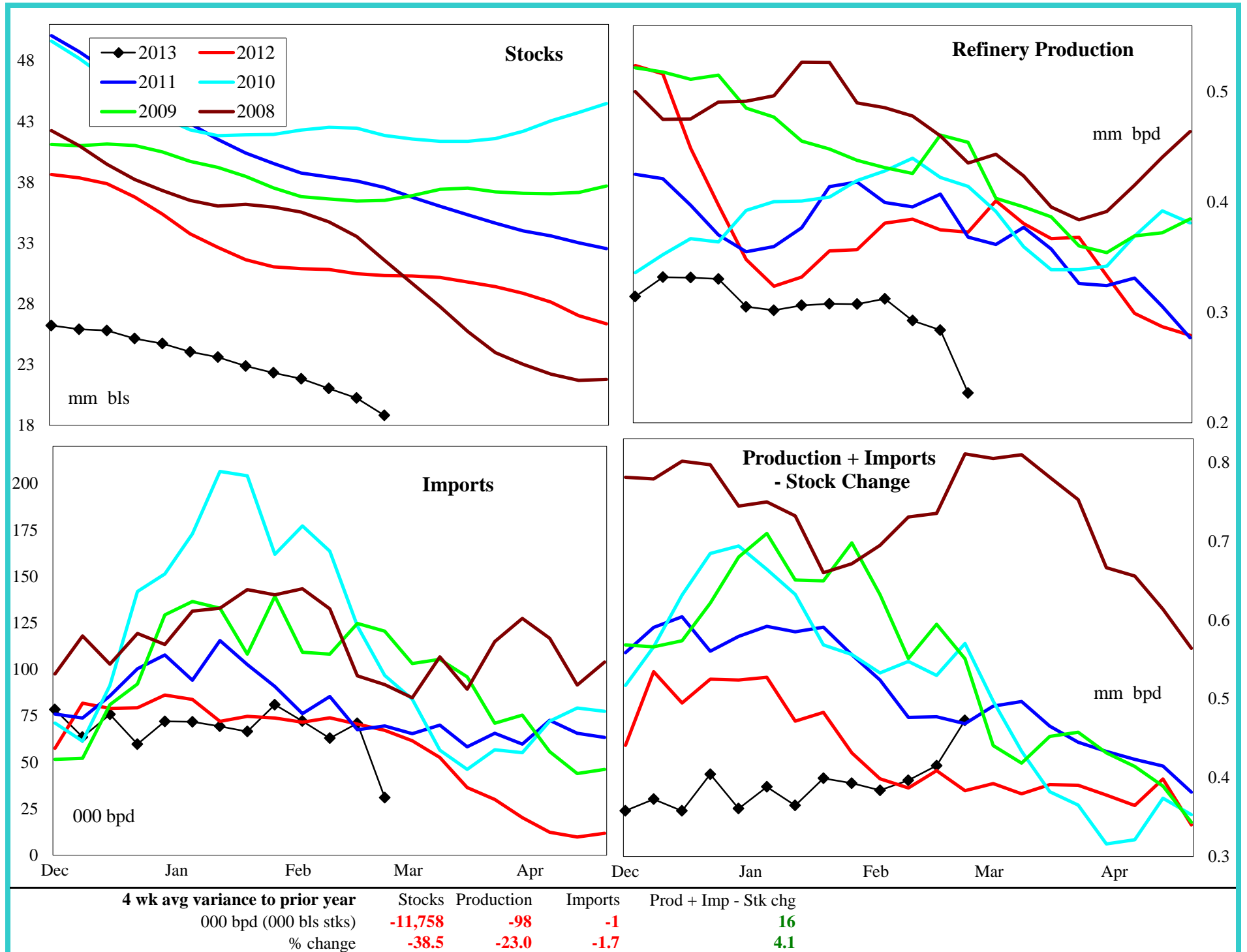
United States Distillate Supply and Demand Balance



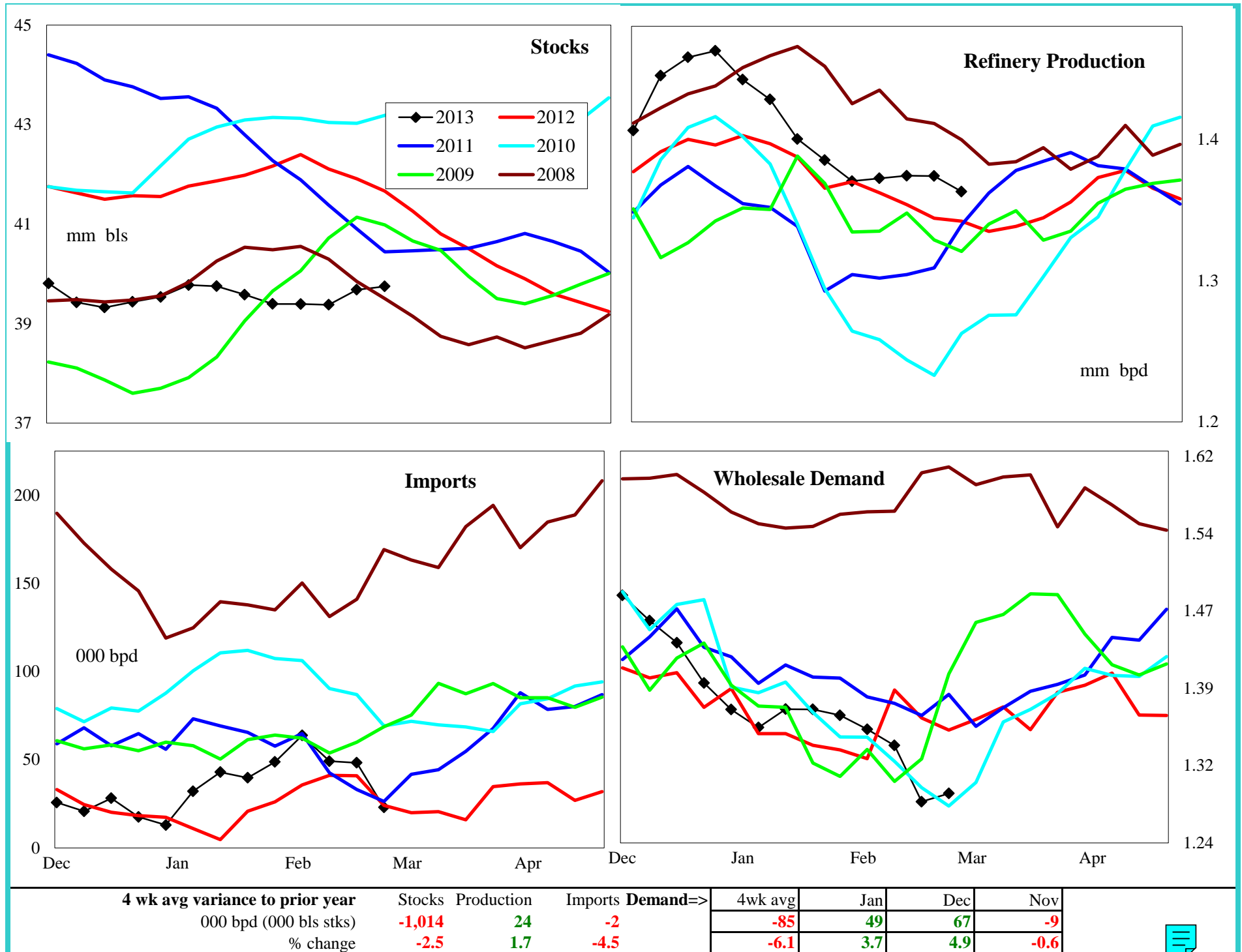
United States Low Sulfur Distillate Supply



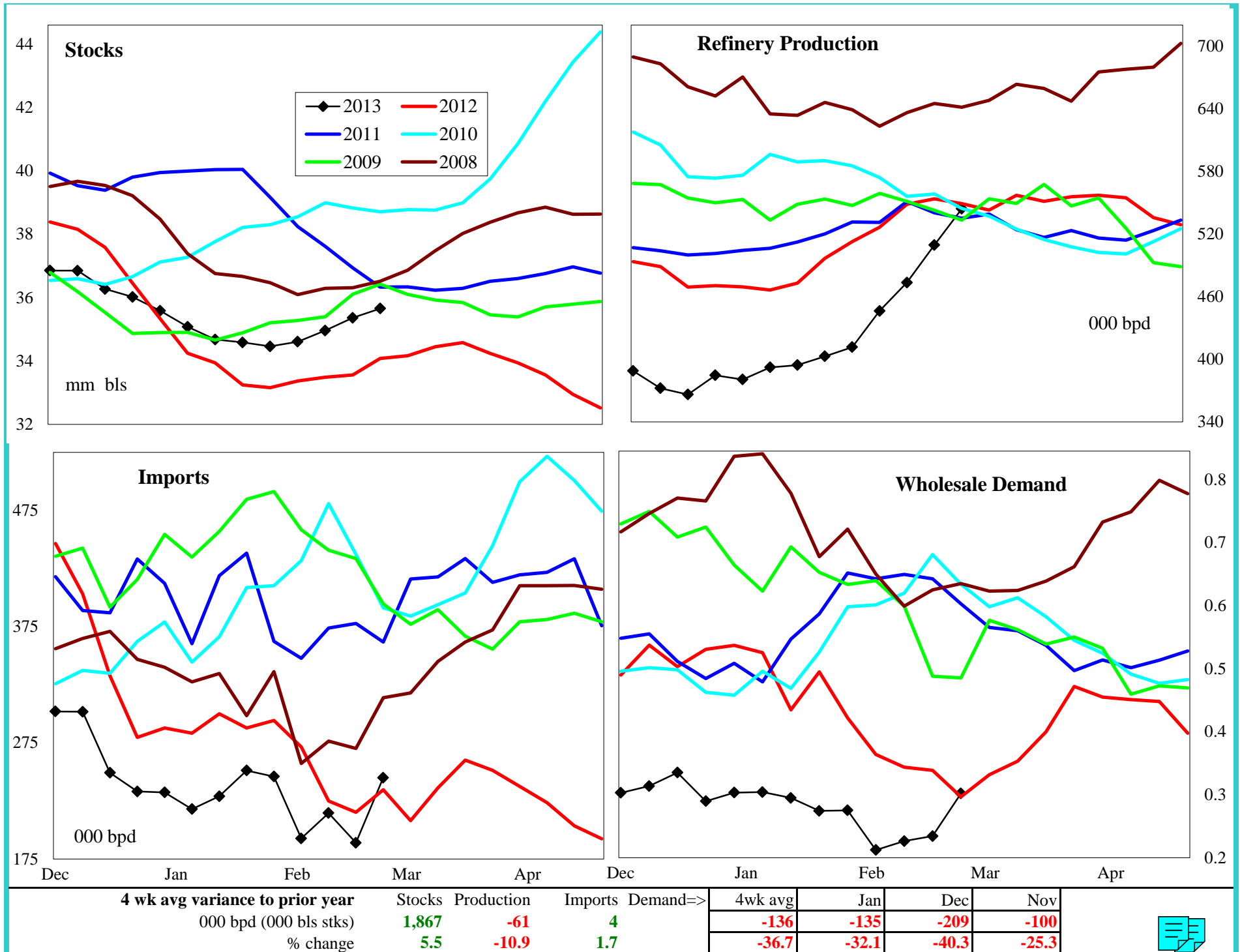
United States High Sulfur Distillate Supply



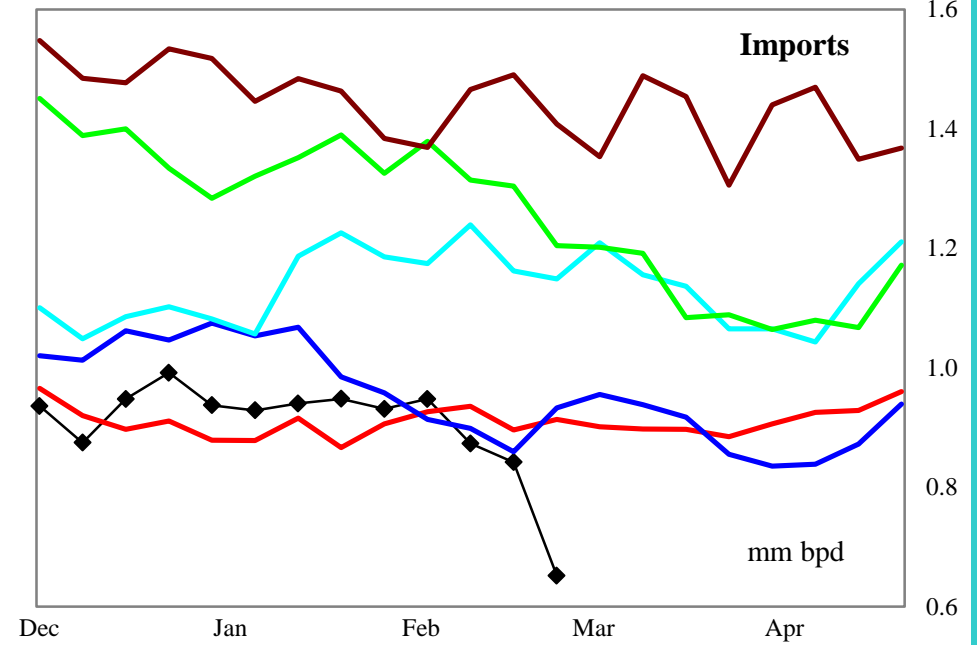
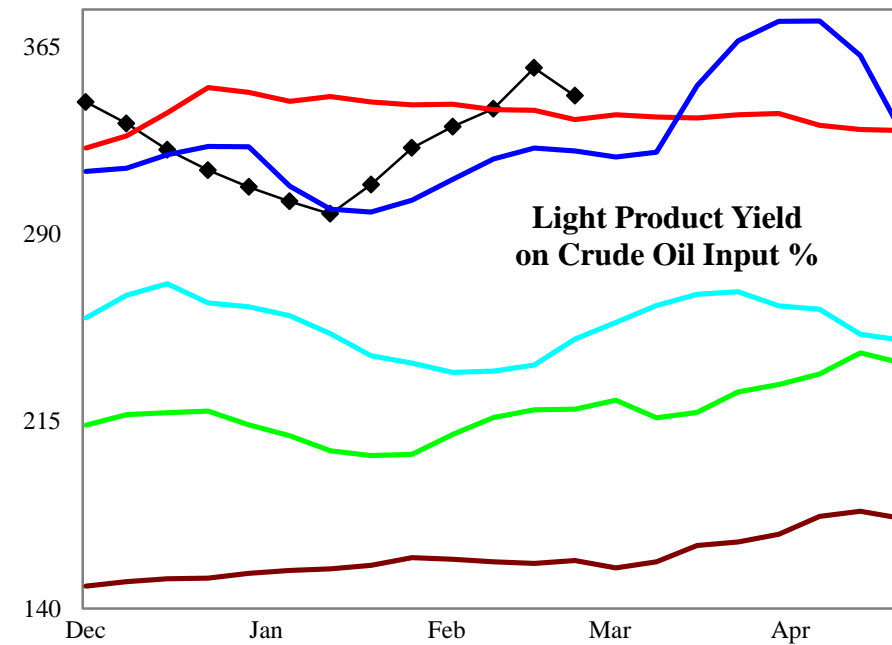
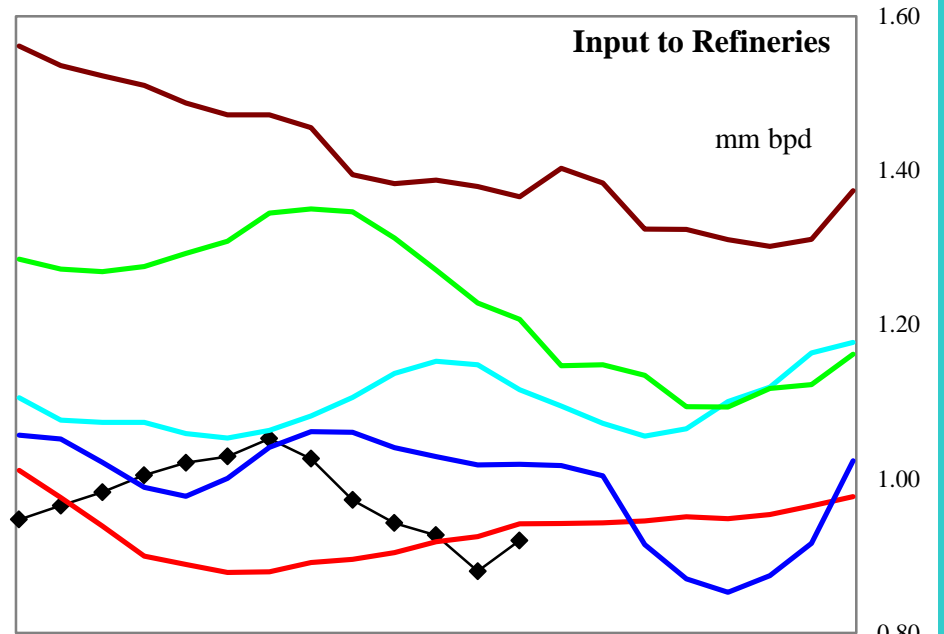
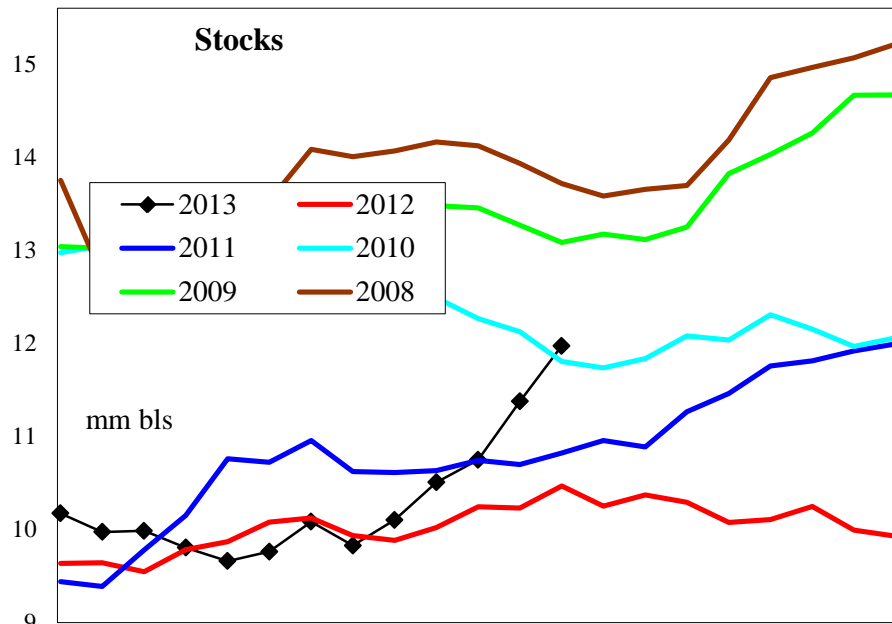
United States Jet Fuel Supply and Demand Balance



United States Residual Fuel Oil Supply and Demand Balance



PADD 1 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,506

13.9

Input

-28

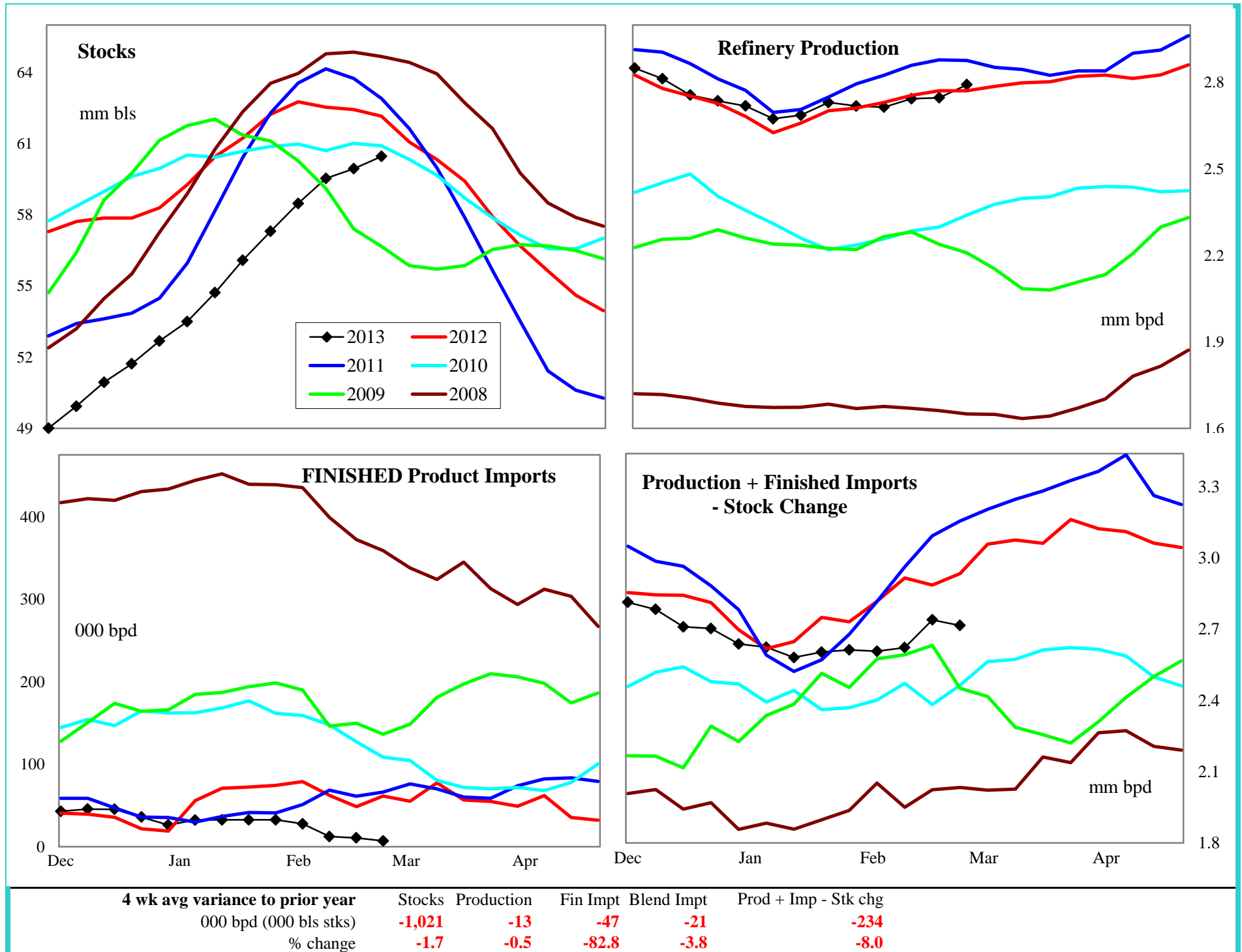
-3.0

Imports

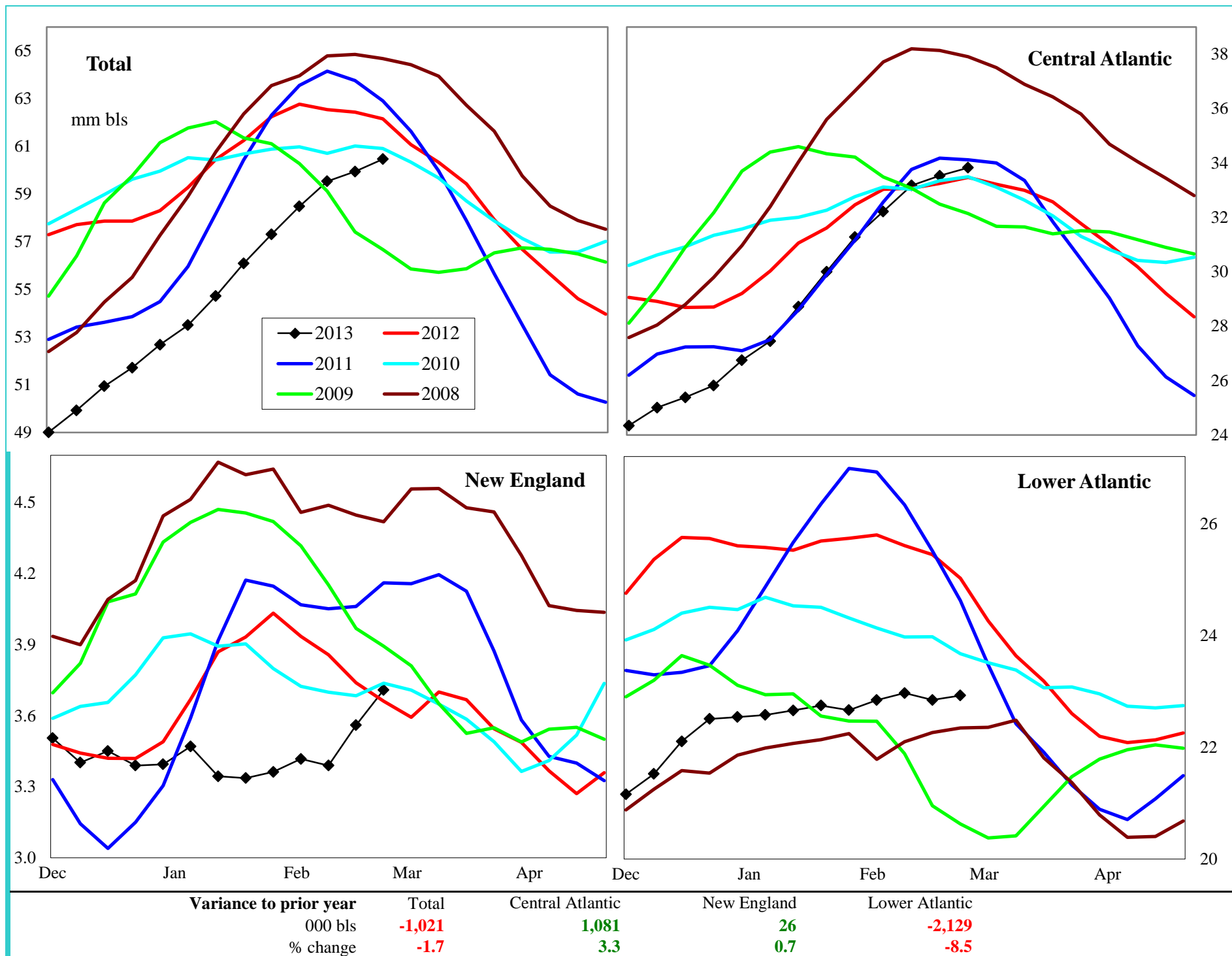
38

4.2

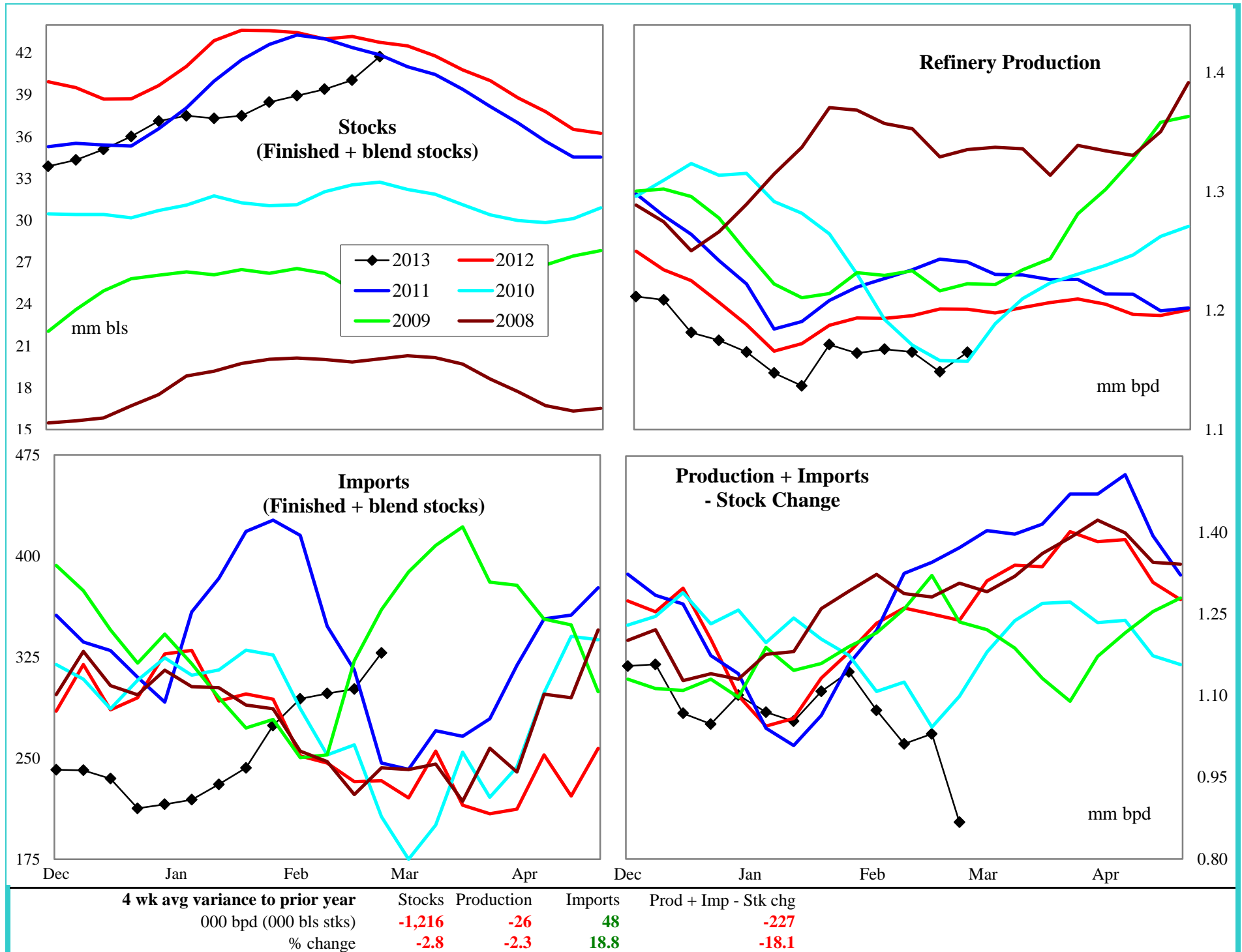
PADD 1 Gasoline Supply



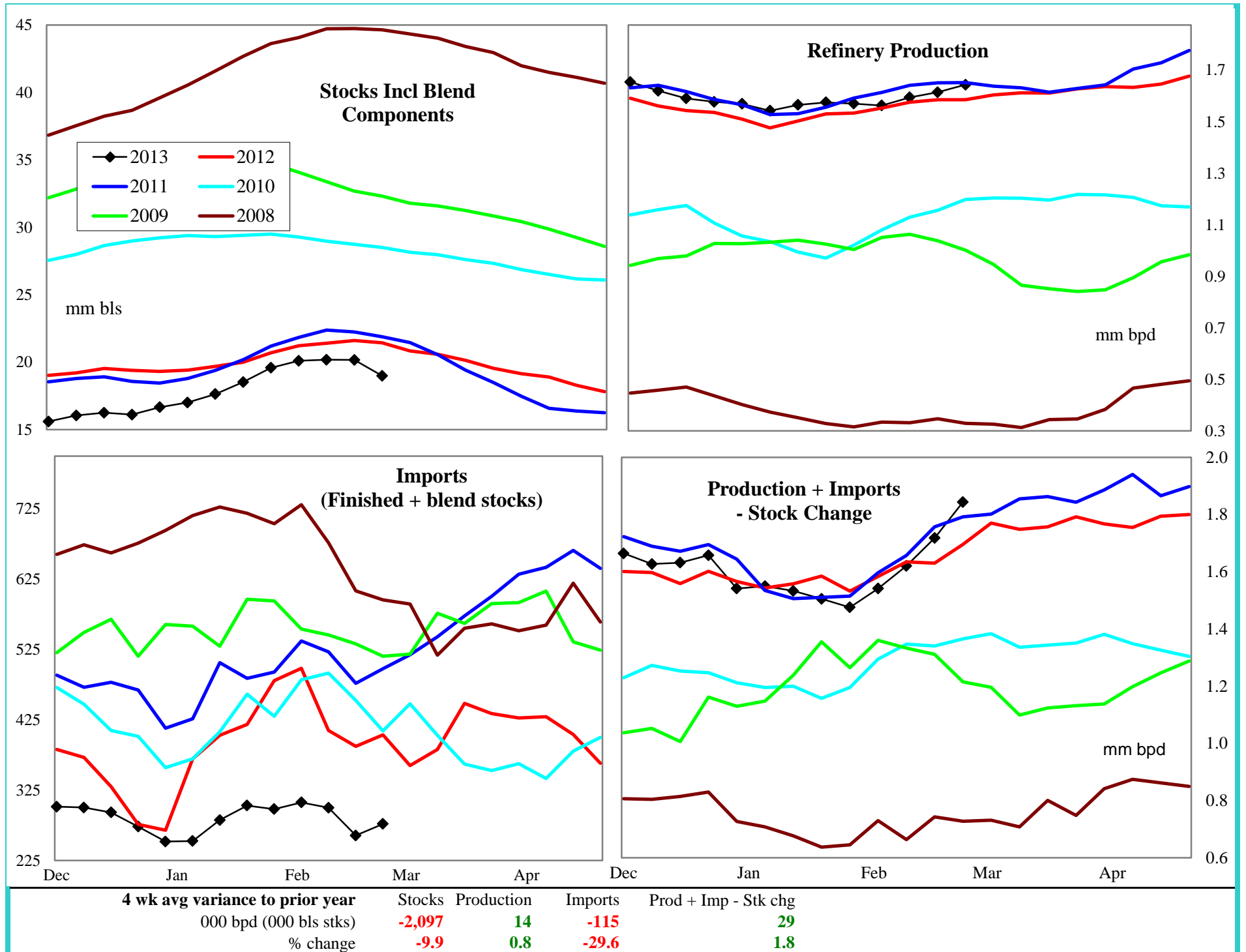
PADD 1 Gasoline Stocks by Region



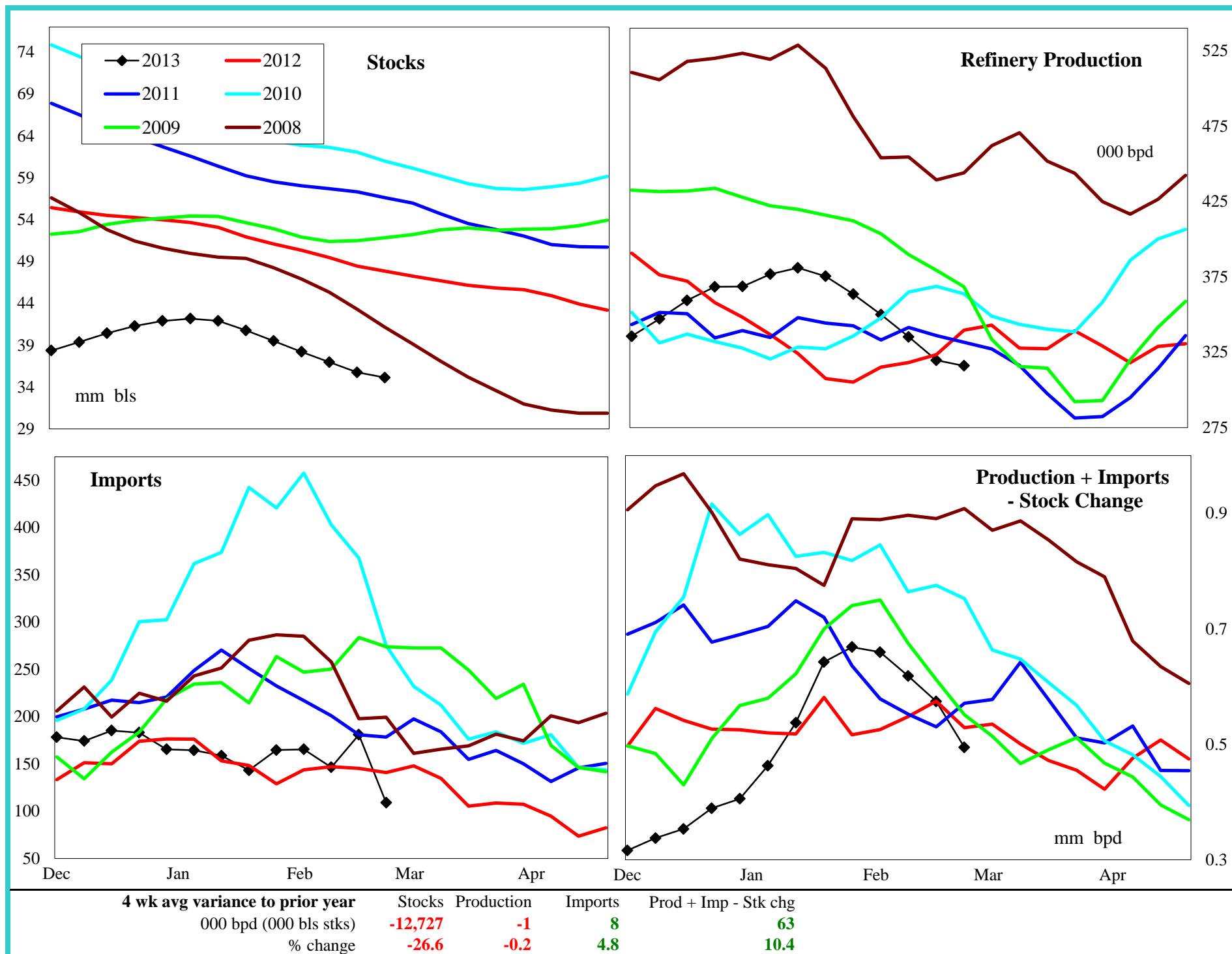
PADD 1 Reformulated Gasoline Supply



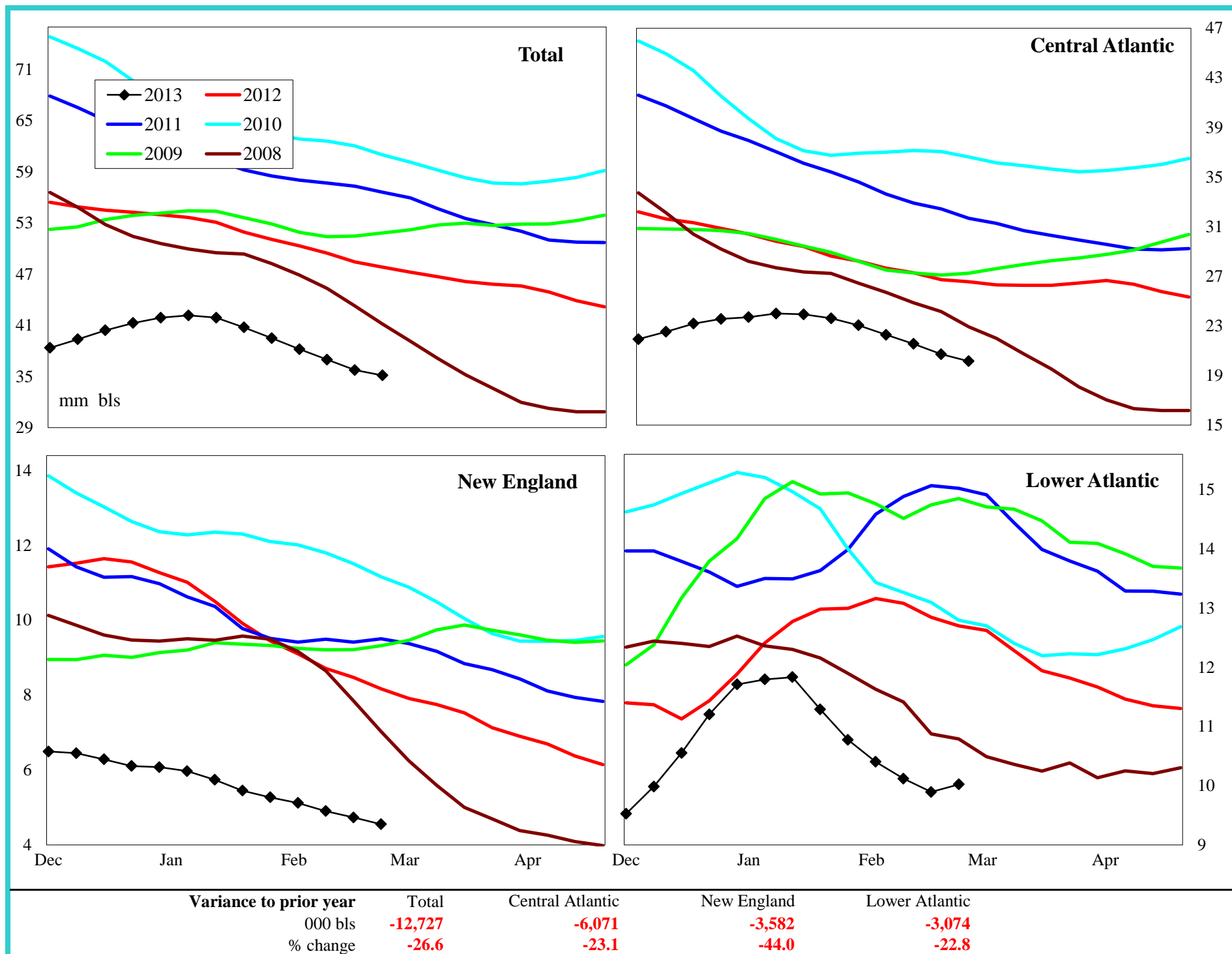
PADD 1 Conventional Gasoline Supply



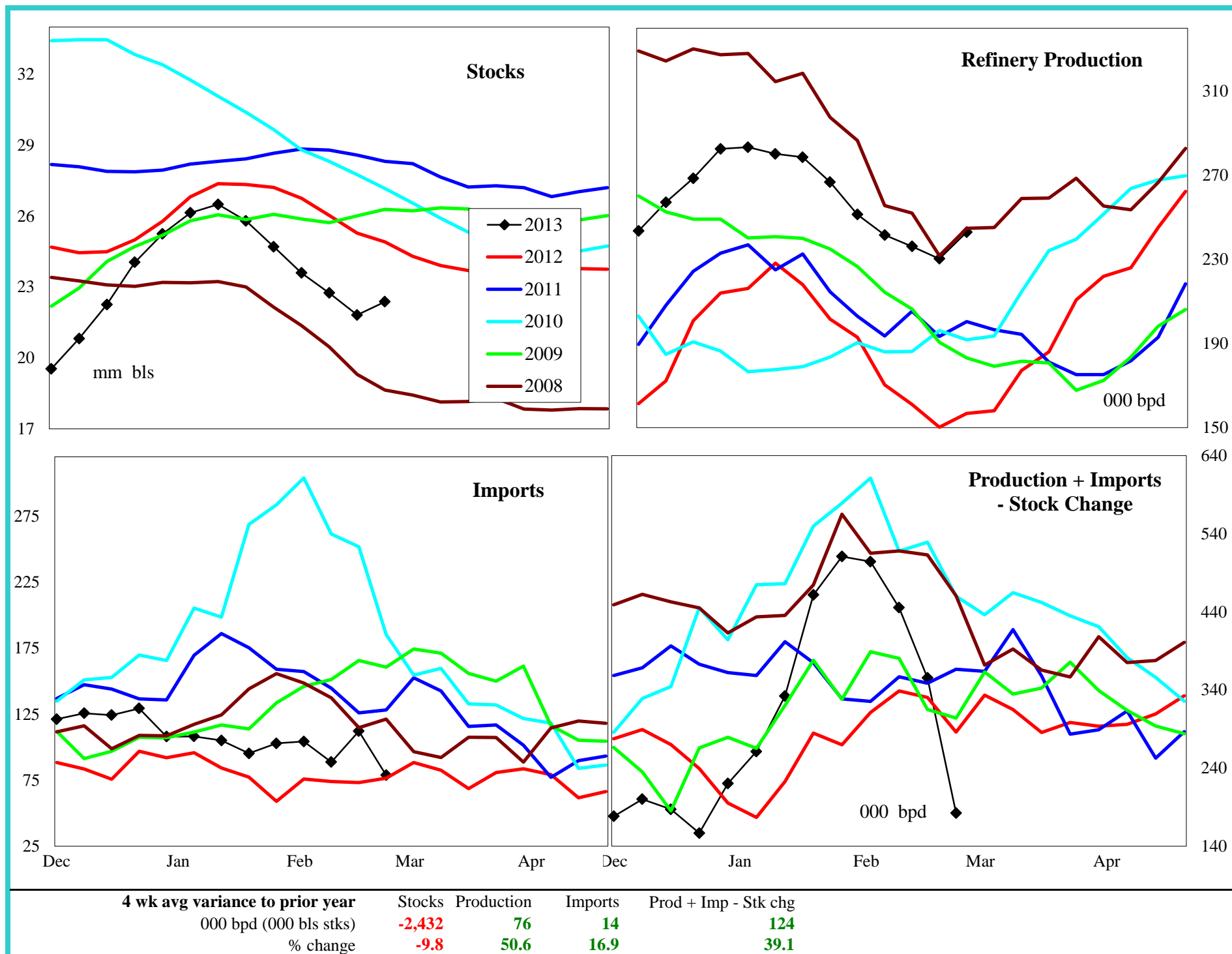
PADD 1 Distillate Supply



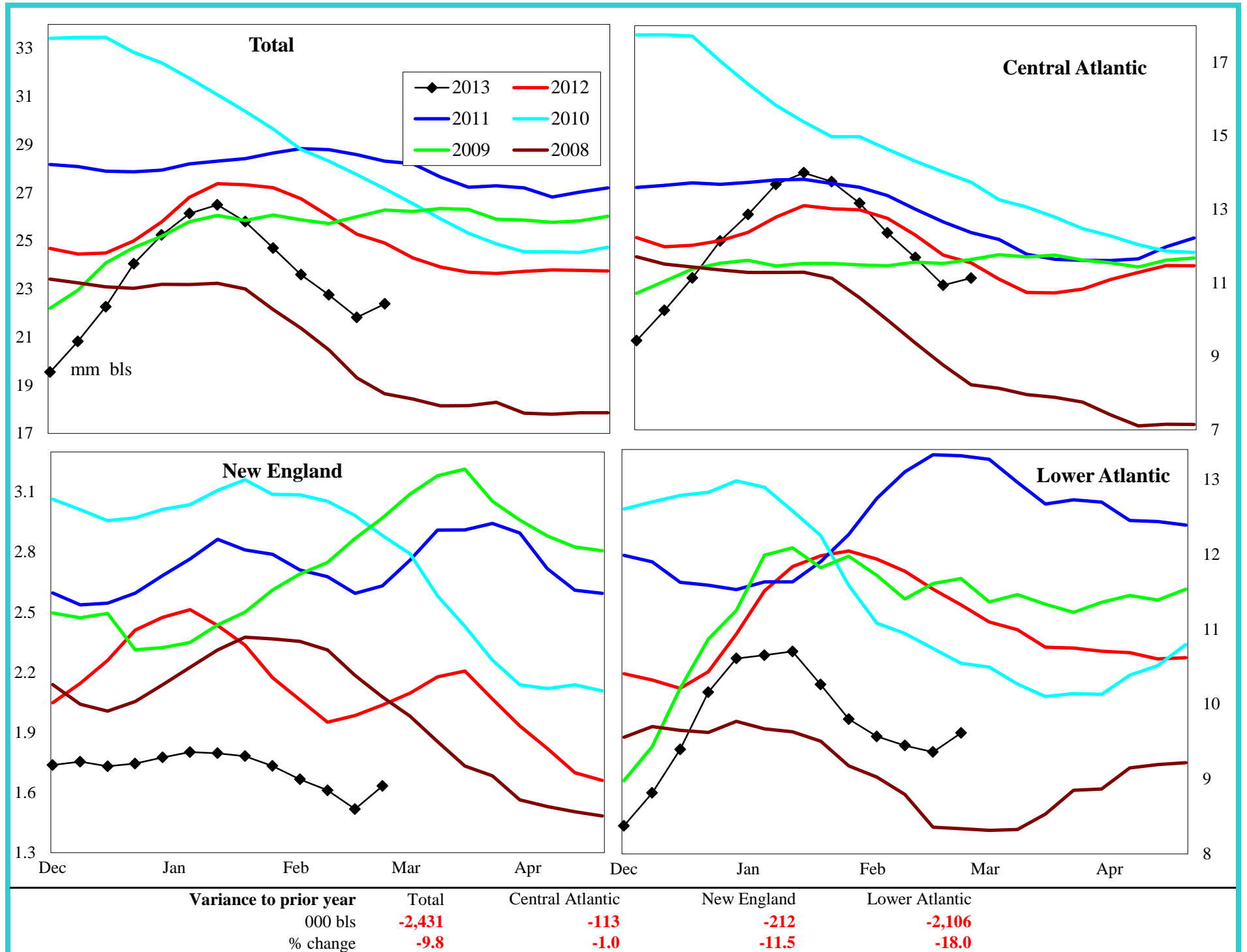
PADD 1 Distillate Stocks by Region



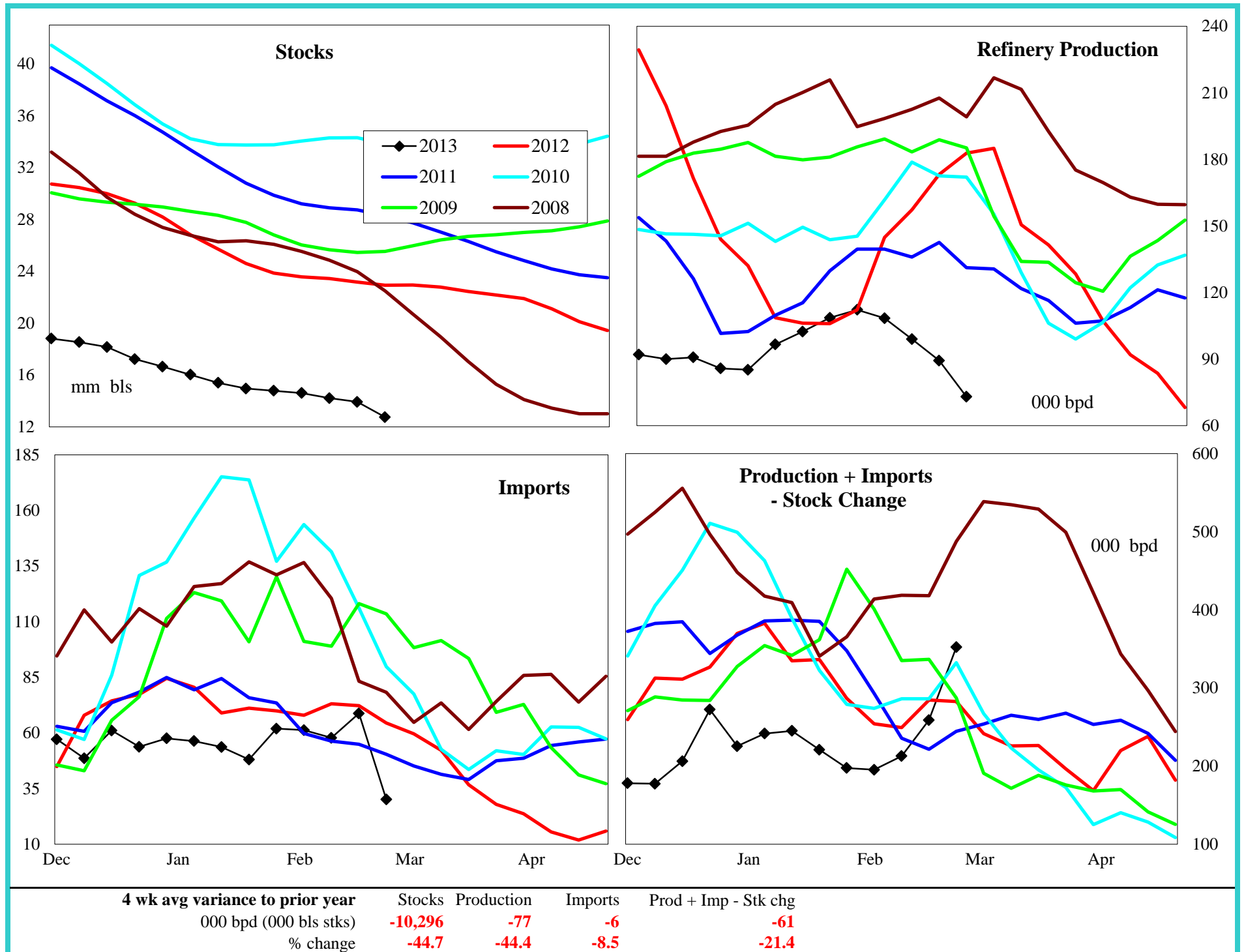
PADD 1 Low Sulfur Distillate Supply



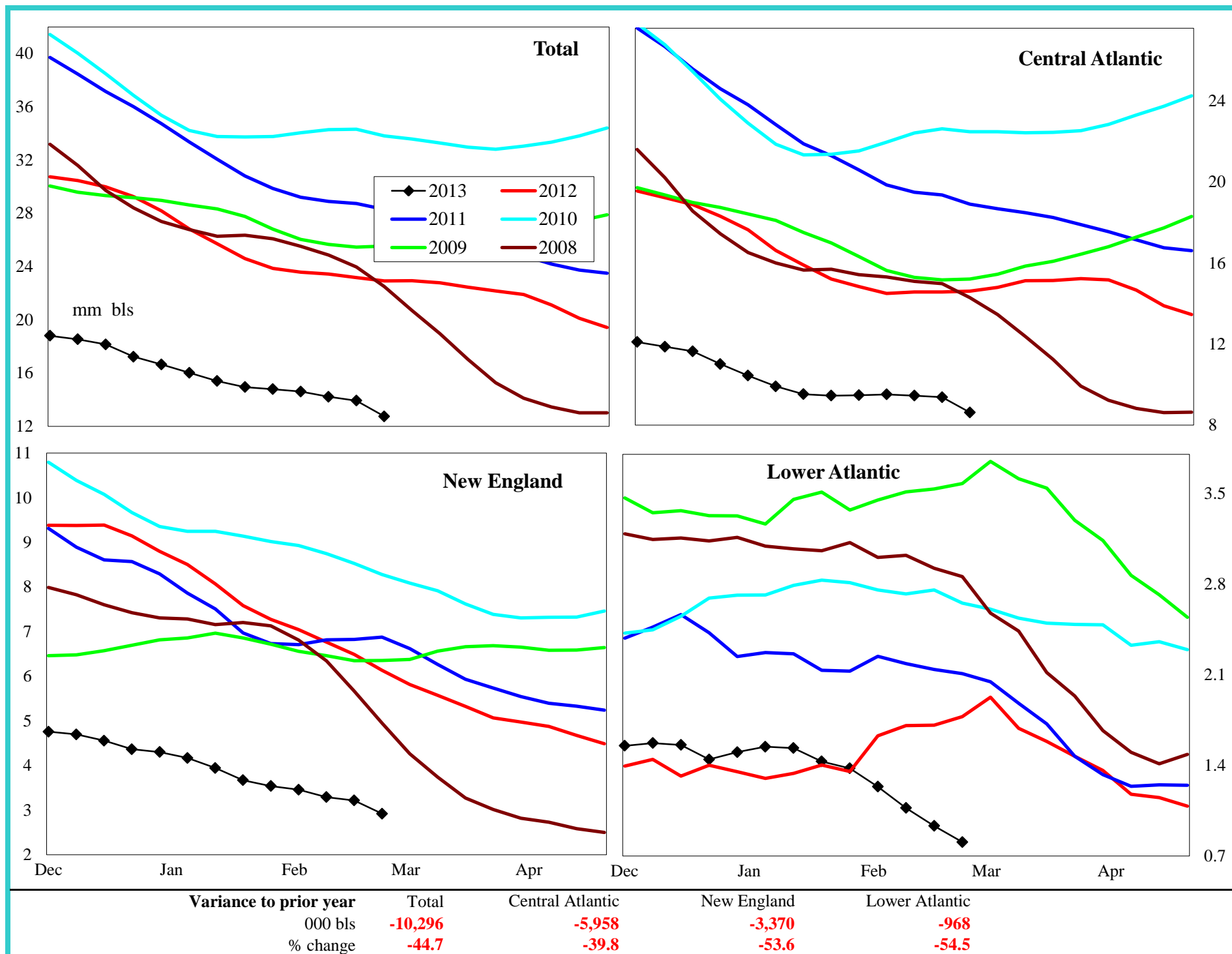
PADD 1 Low Sulfur Distillate Stocks by Region



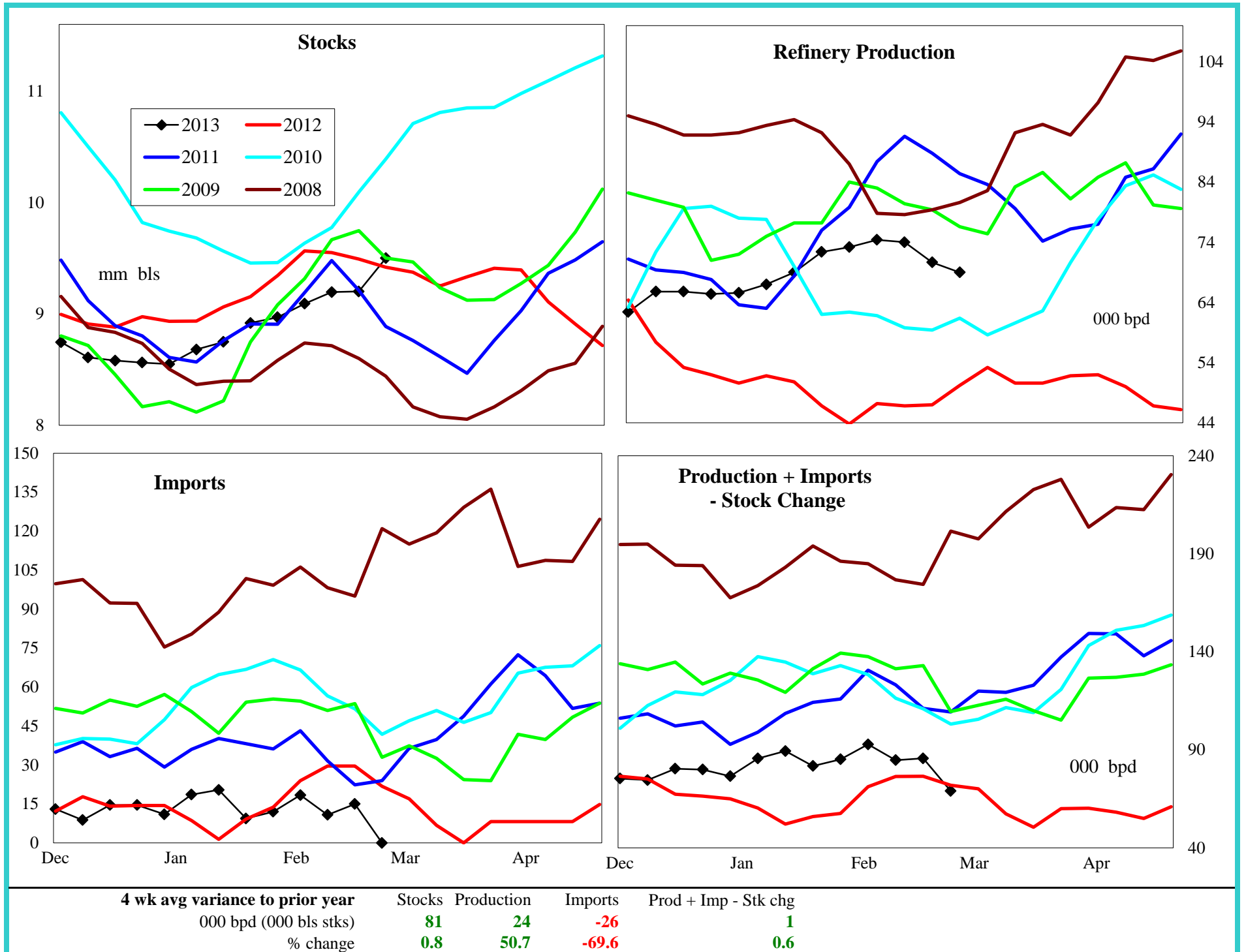
PADD 1 High Sulfur Distillate Supply



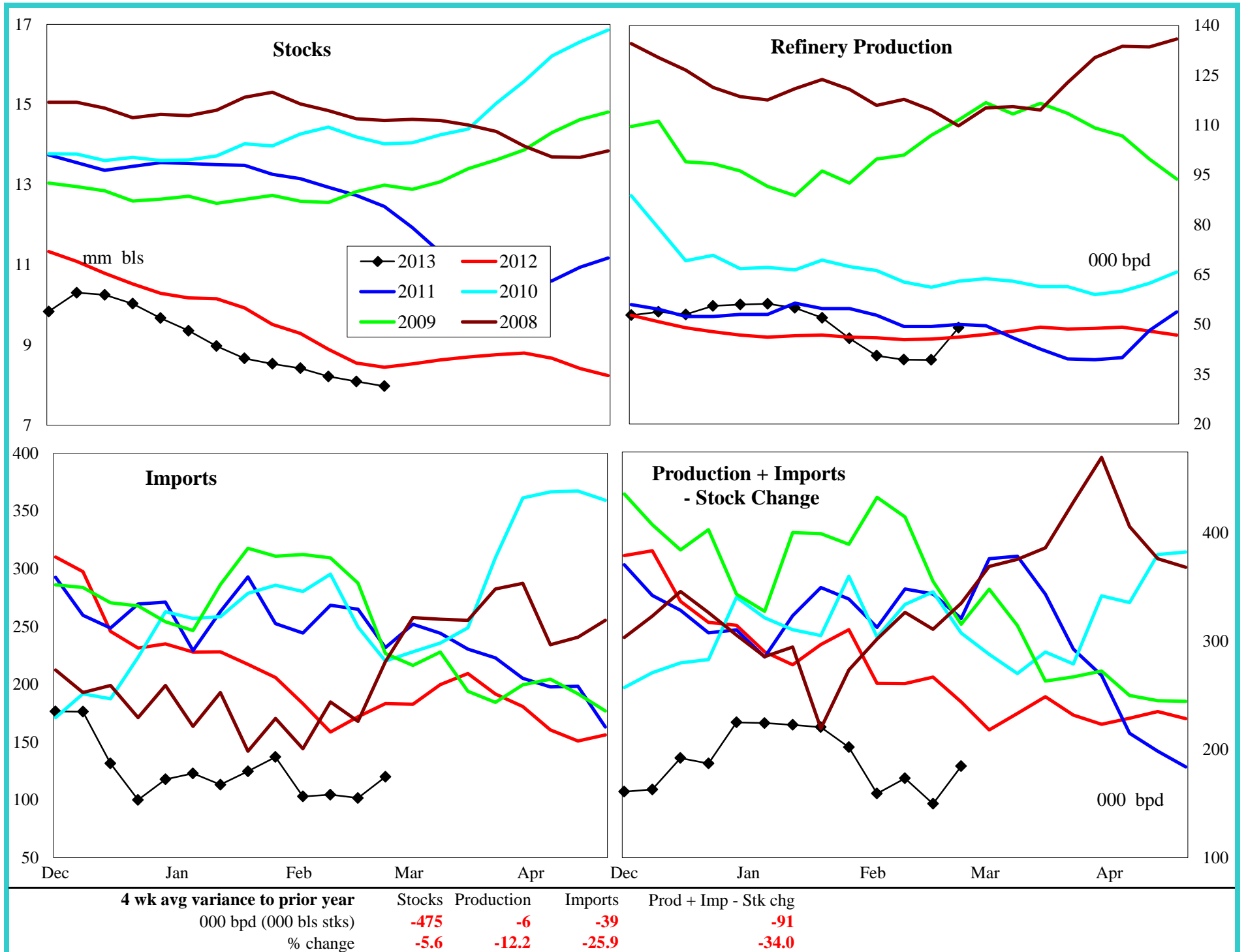
PADD 1 High Sulfur Distillate Stocks by Region



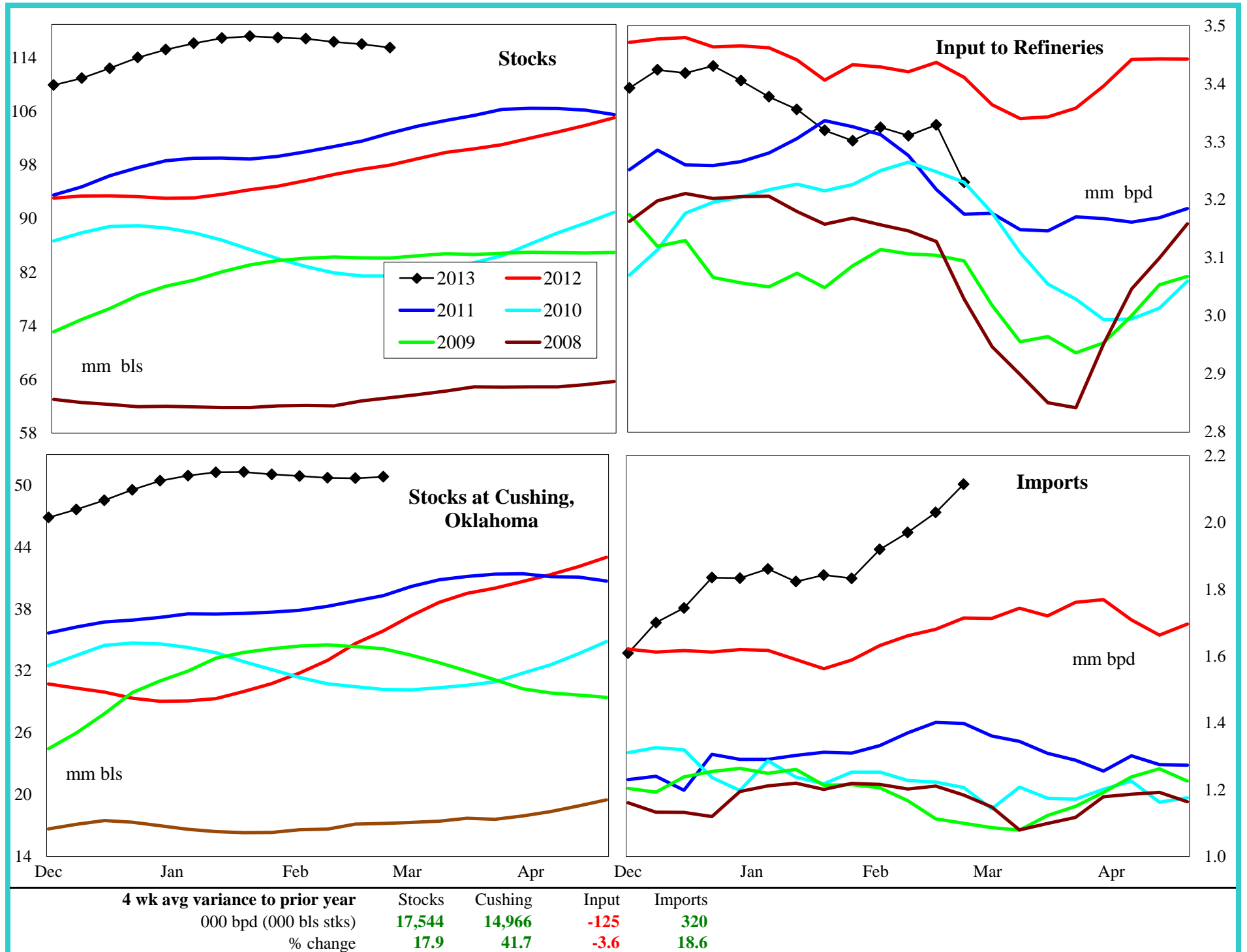
PADD 1 Jet Fuel Supply



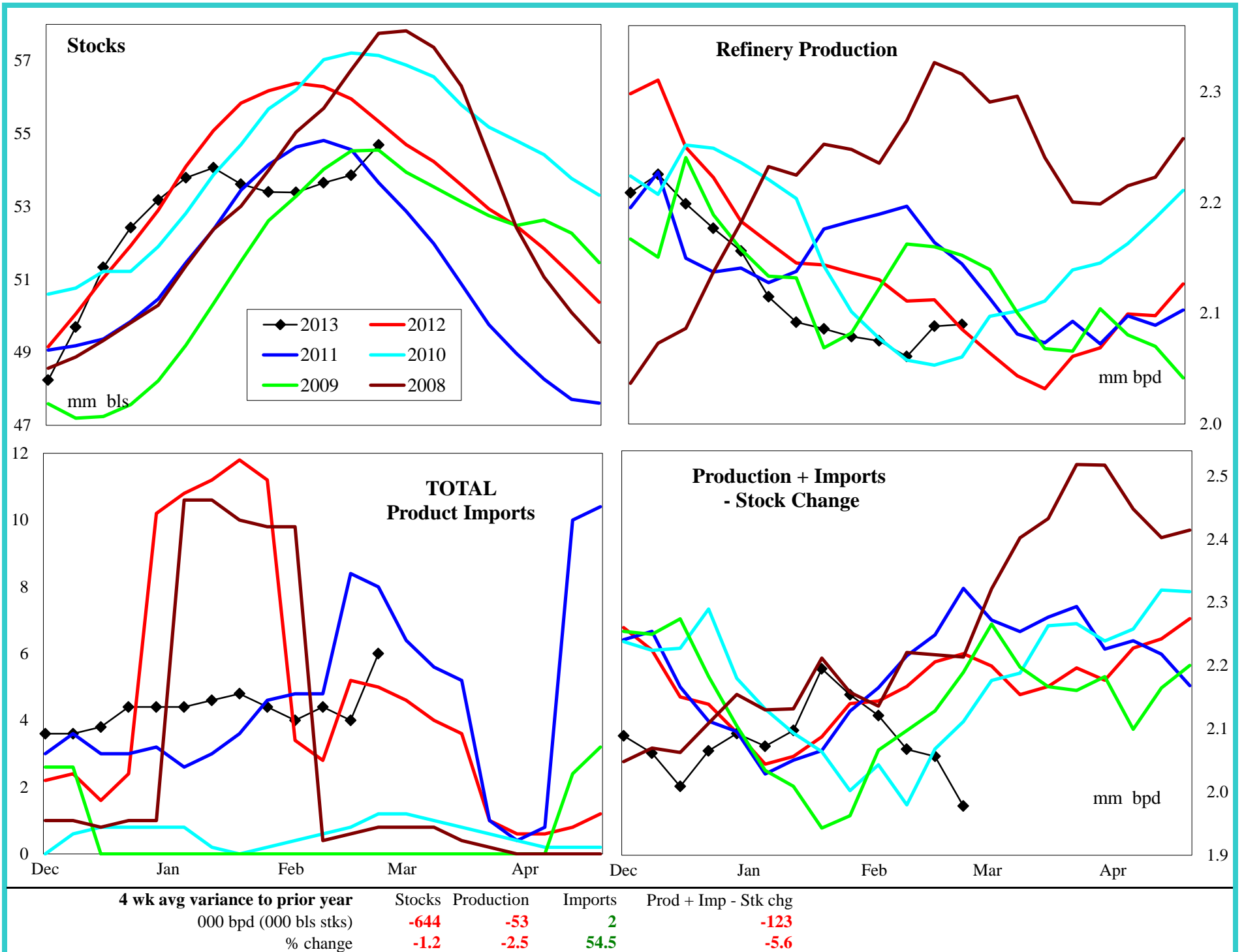
PADD 1 Residual Fuel Oil Supply



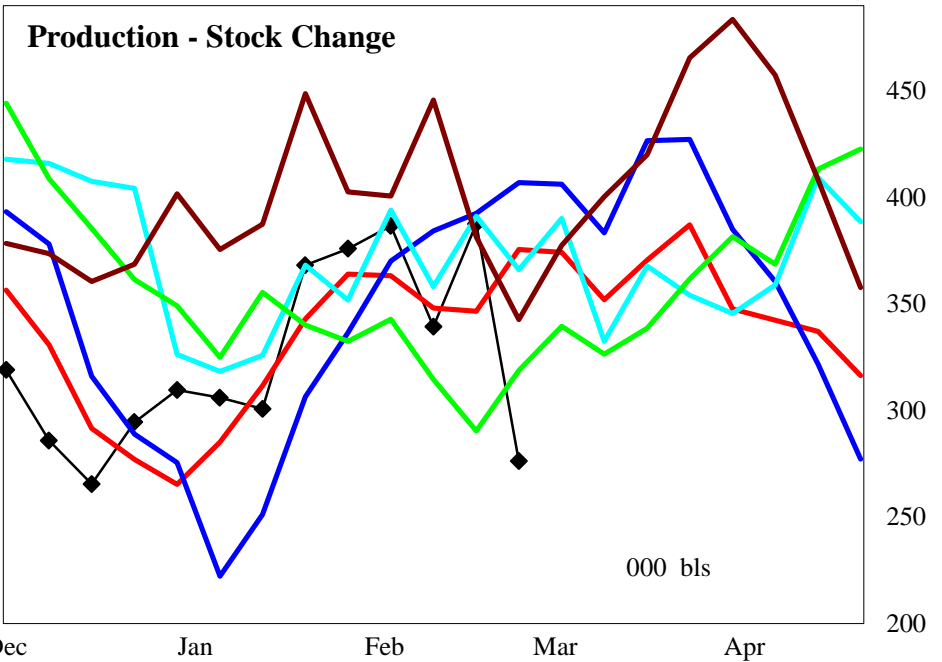
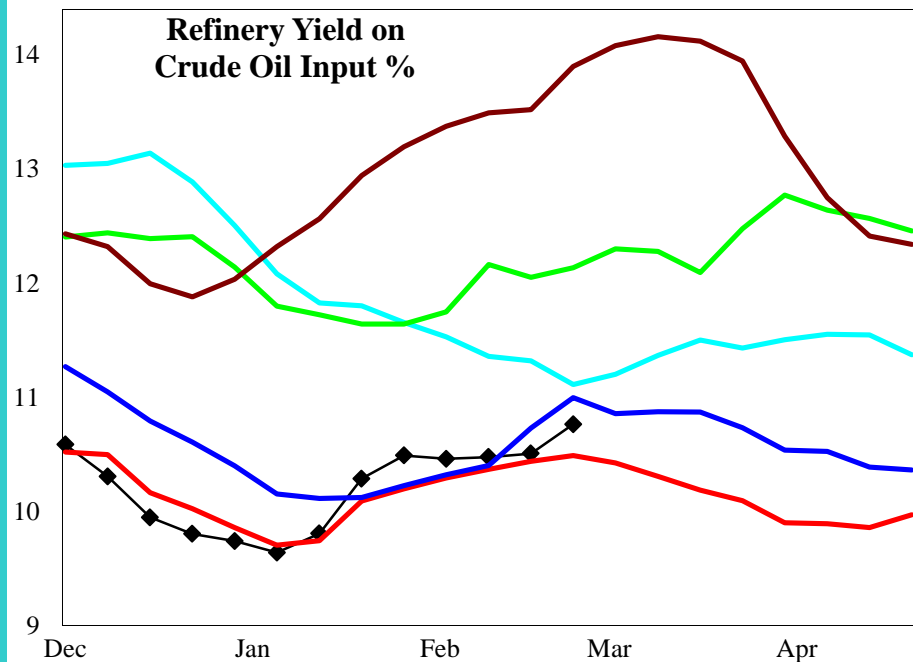
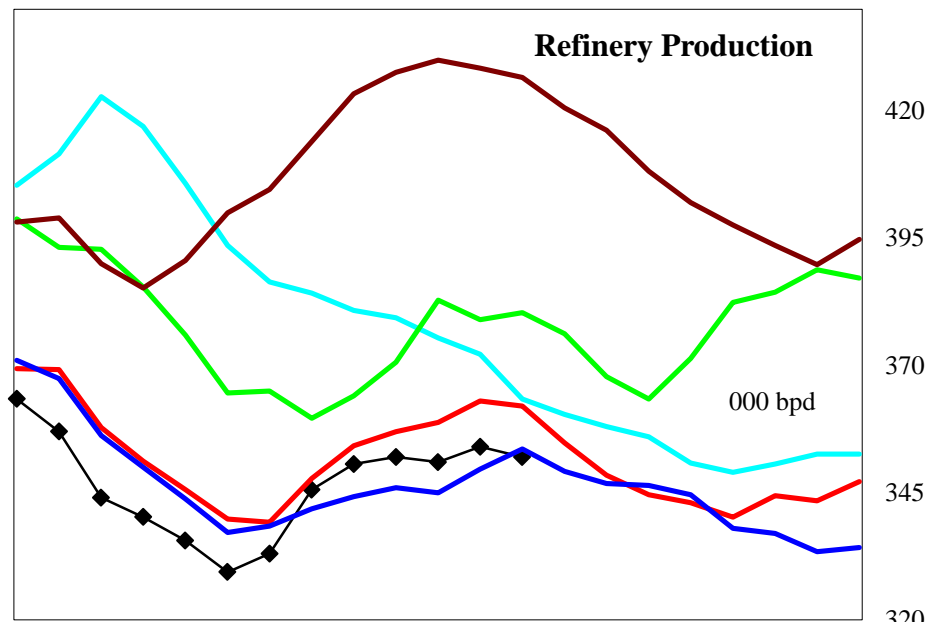
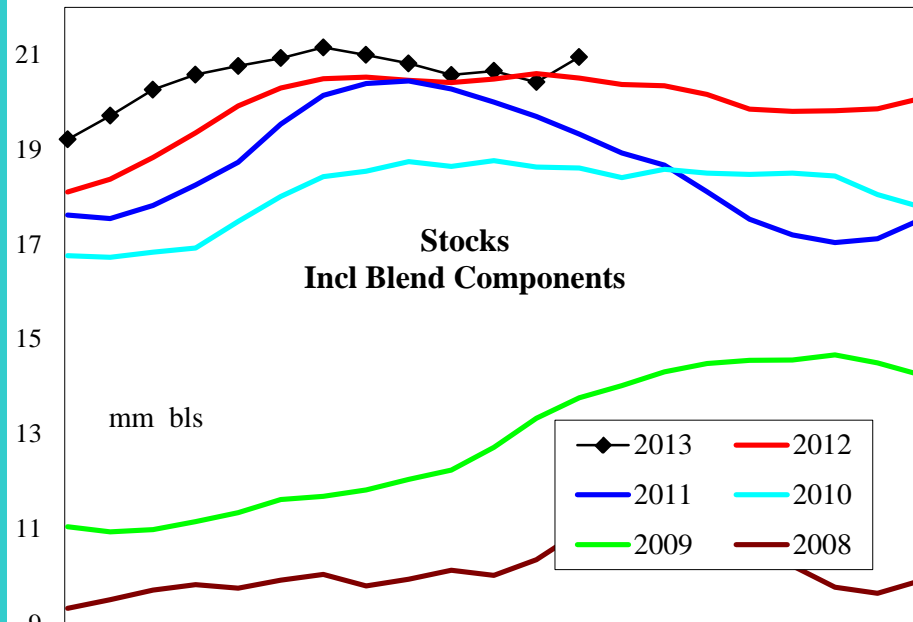
PADD 2 Crude Oil Supply and Refining



PADD 2 Gasoline Supply



PADD 2 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

444

-8

2.2

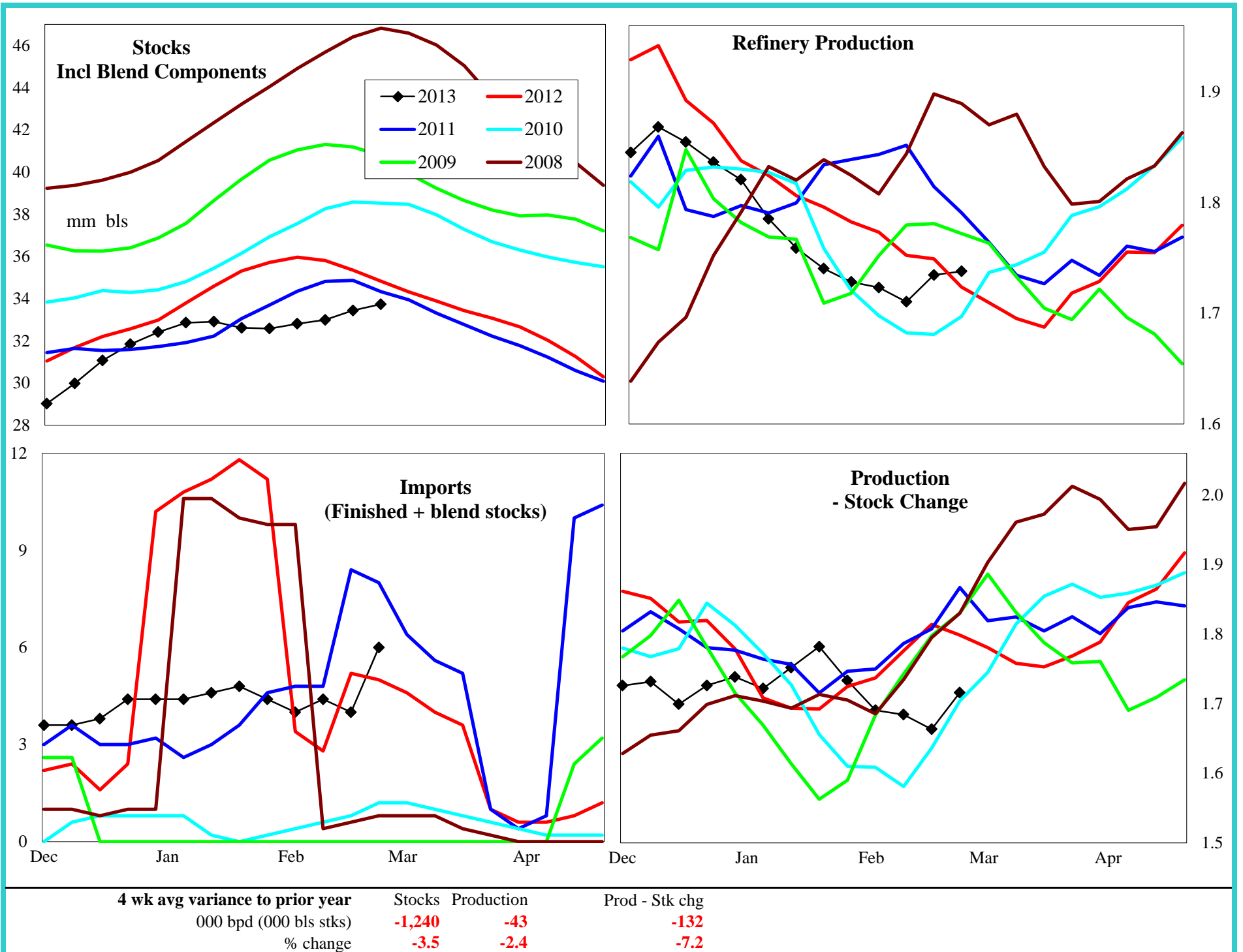
-2.2

Prod - Stk chg

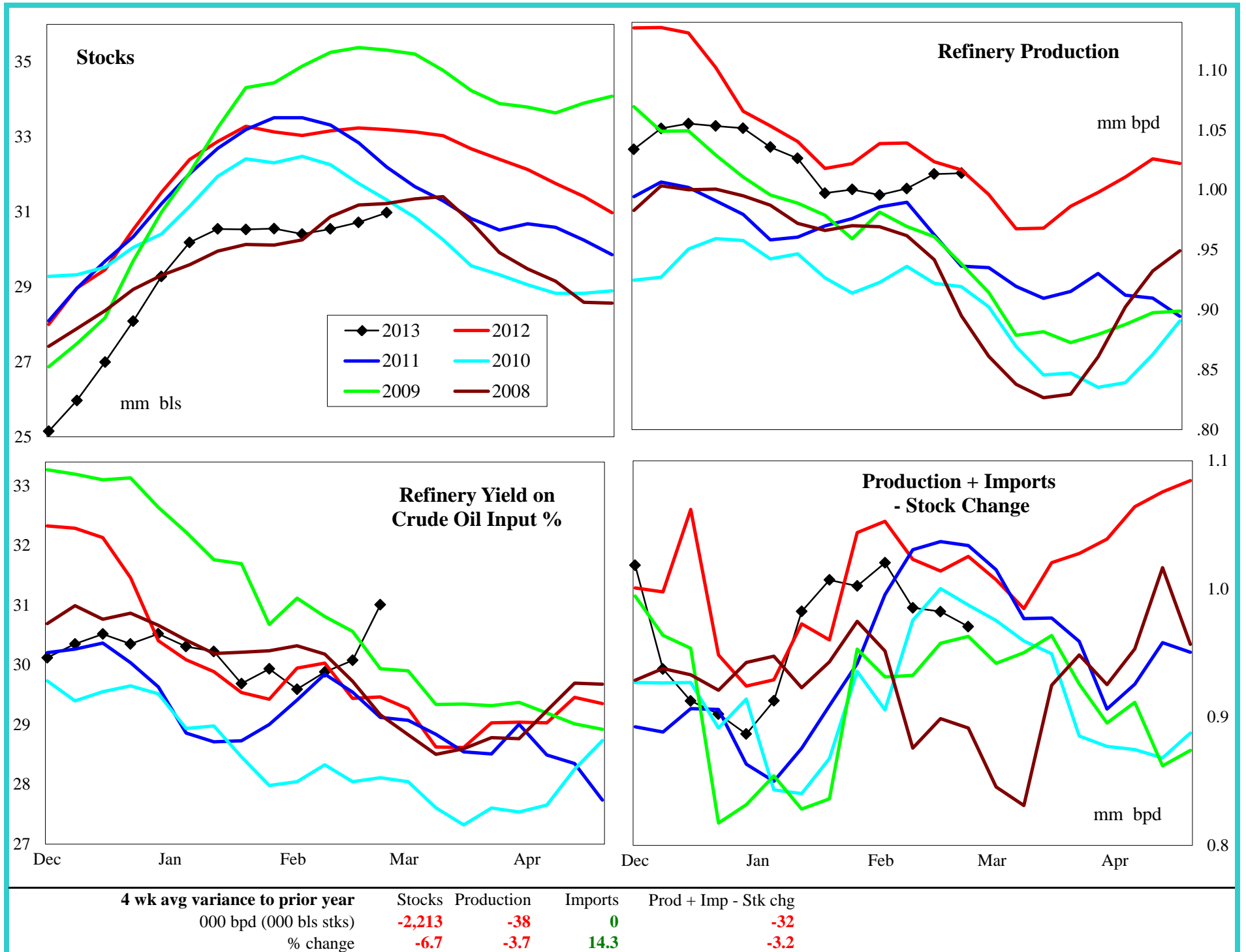
-11

-3.1

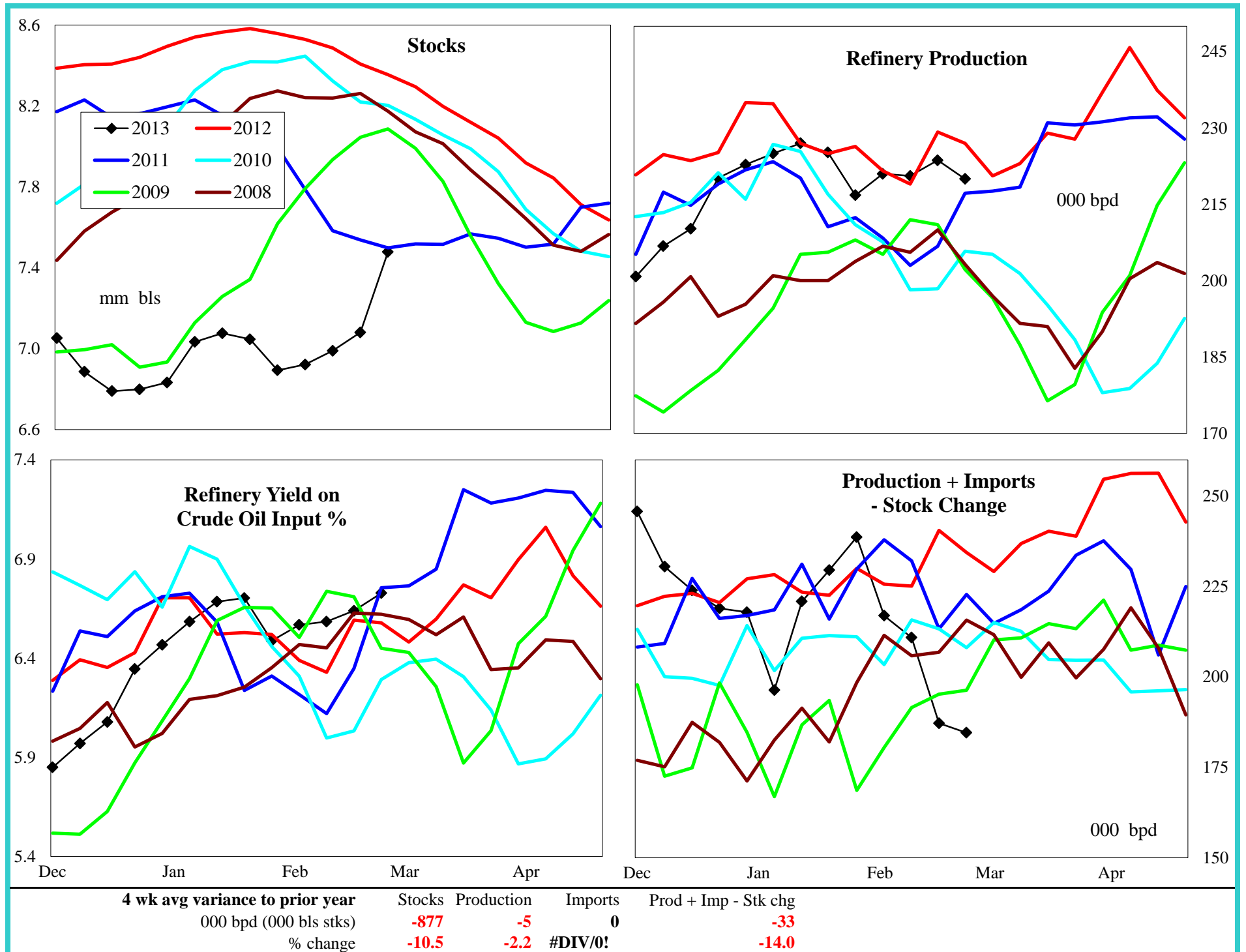
PADD 2 Conventional Gasoline Supply



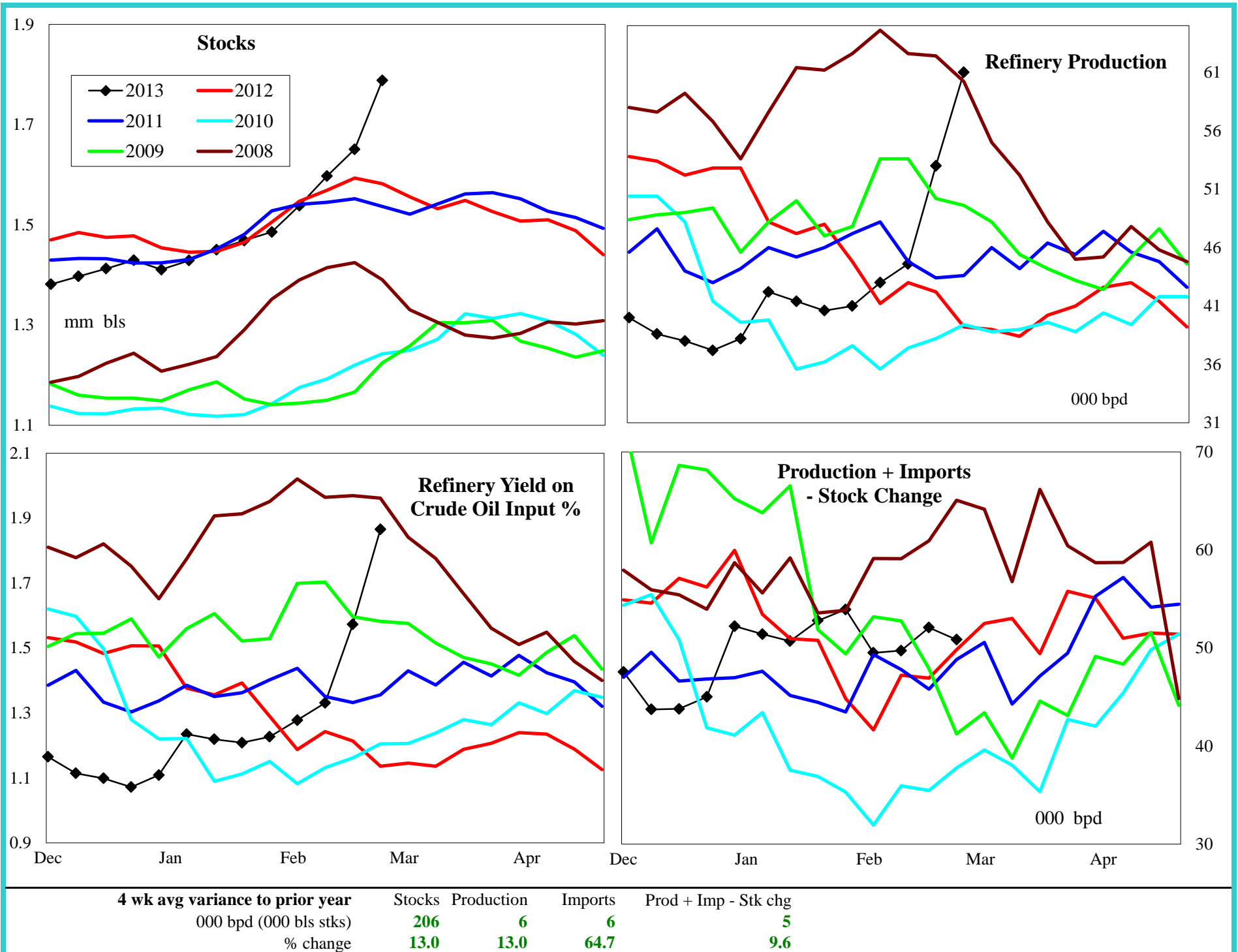
PADD 2 Distillate Supply



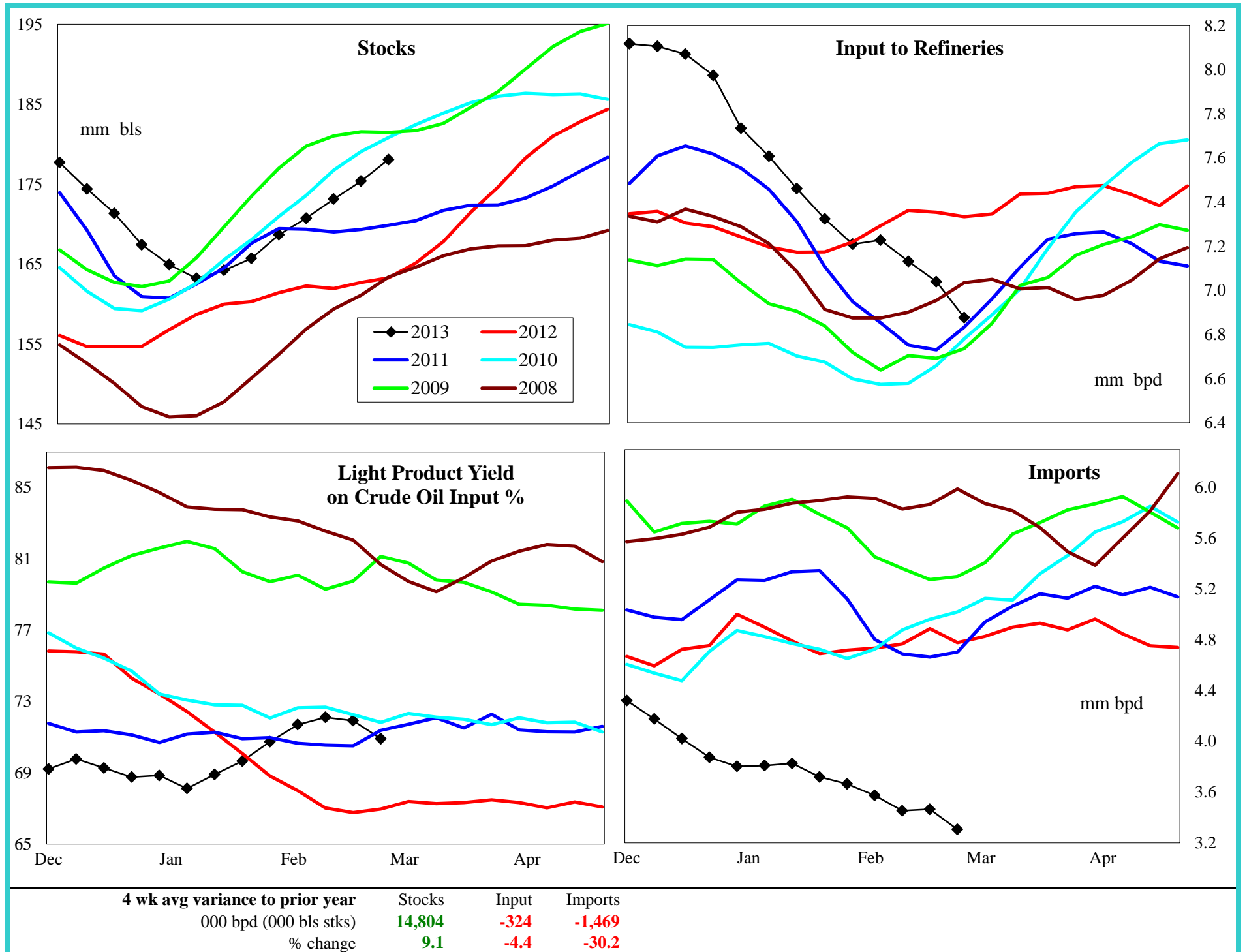
PADD 2 Jet Fuel Supply



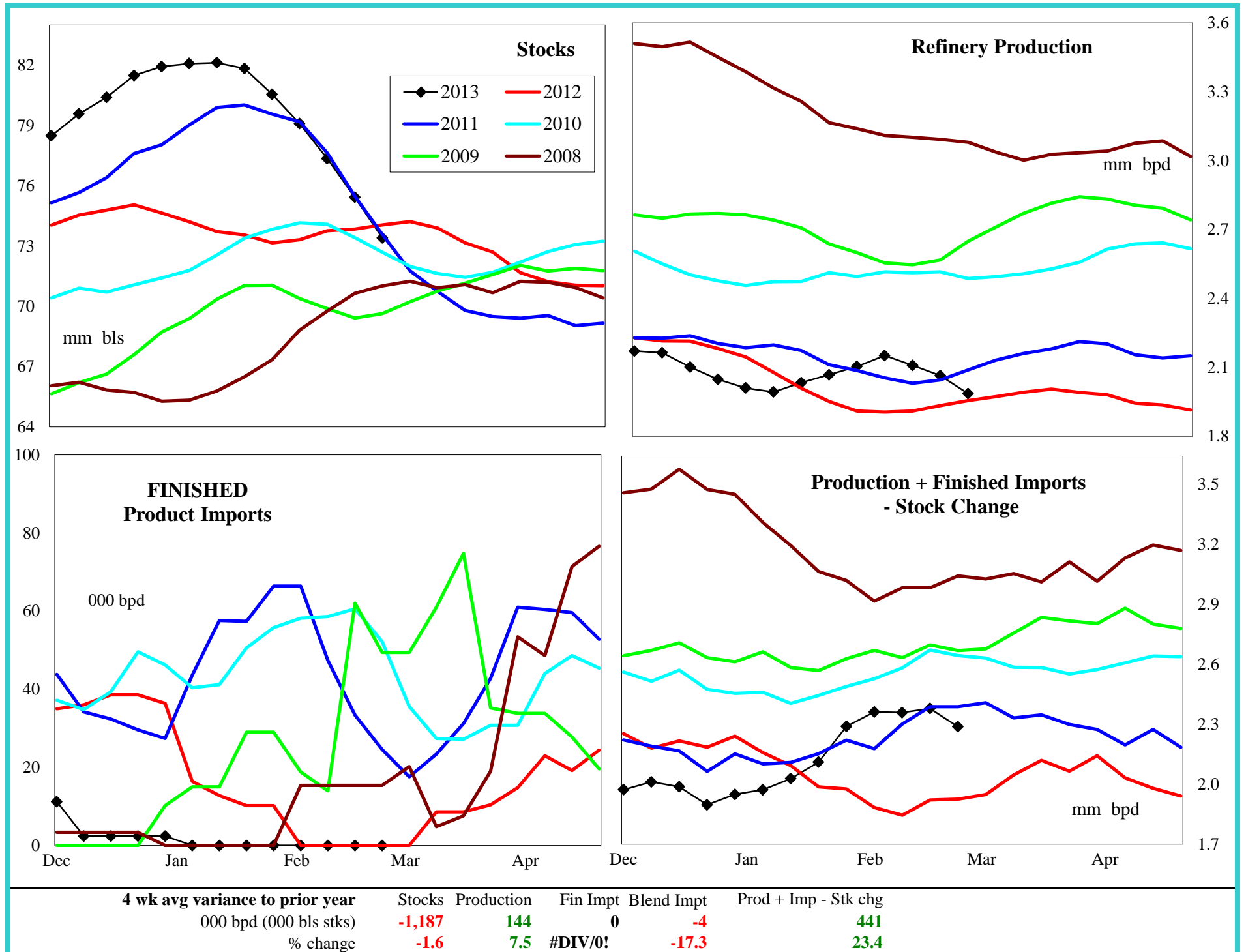
PADD 2 Residual Fuel Oil Supply



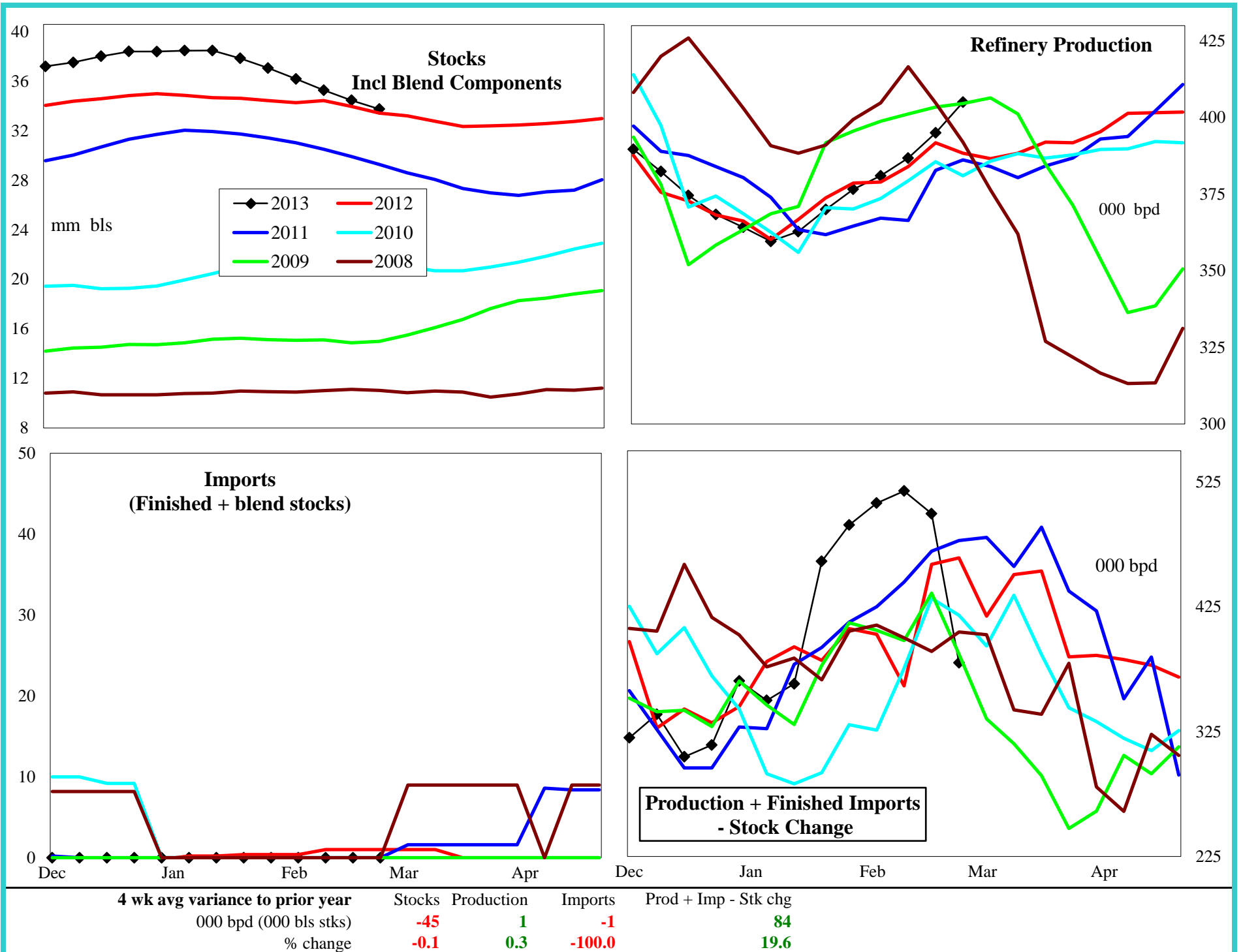
PADD 3 Crude Oil Supply and Refining



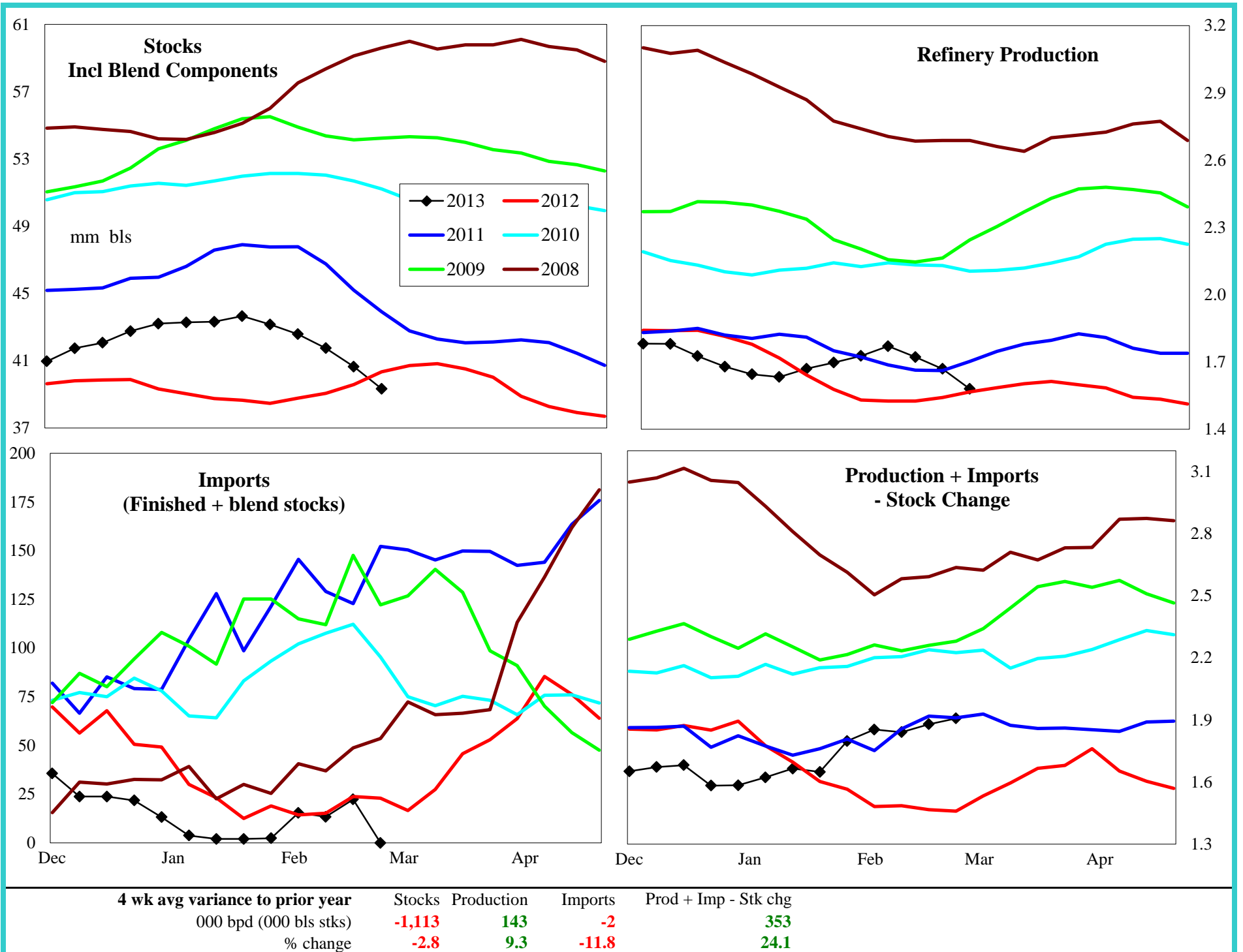
PADD 3 Gasoline Supply



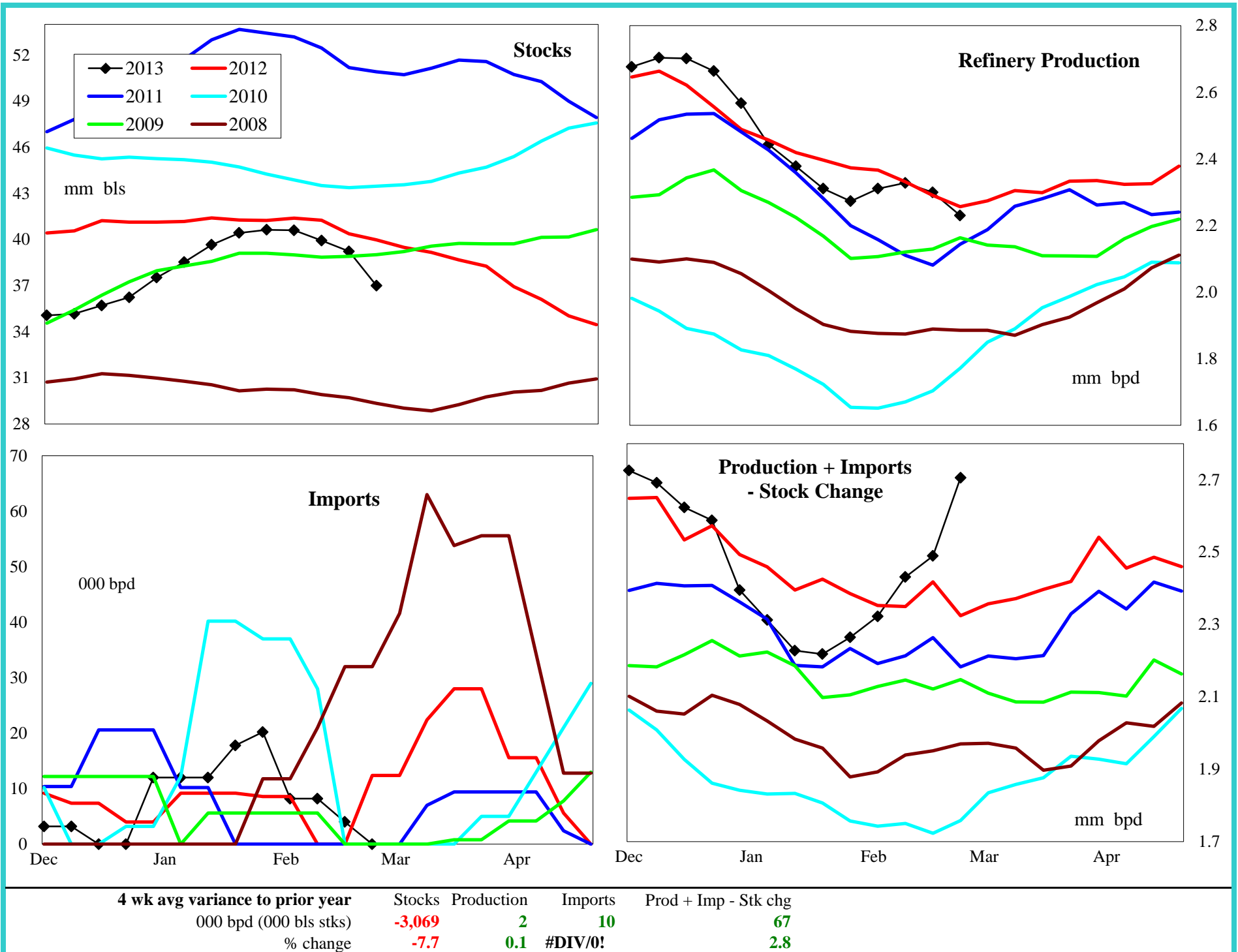
PADD 3 Reformulated Gasoline Supply



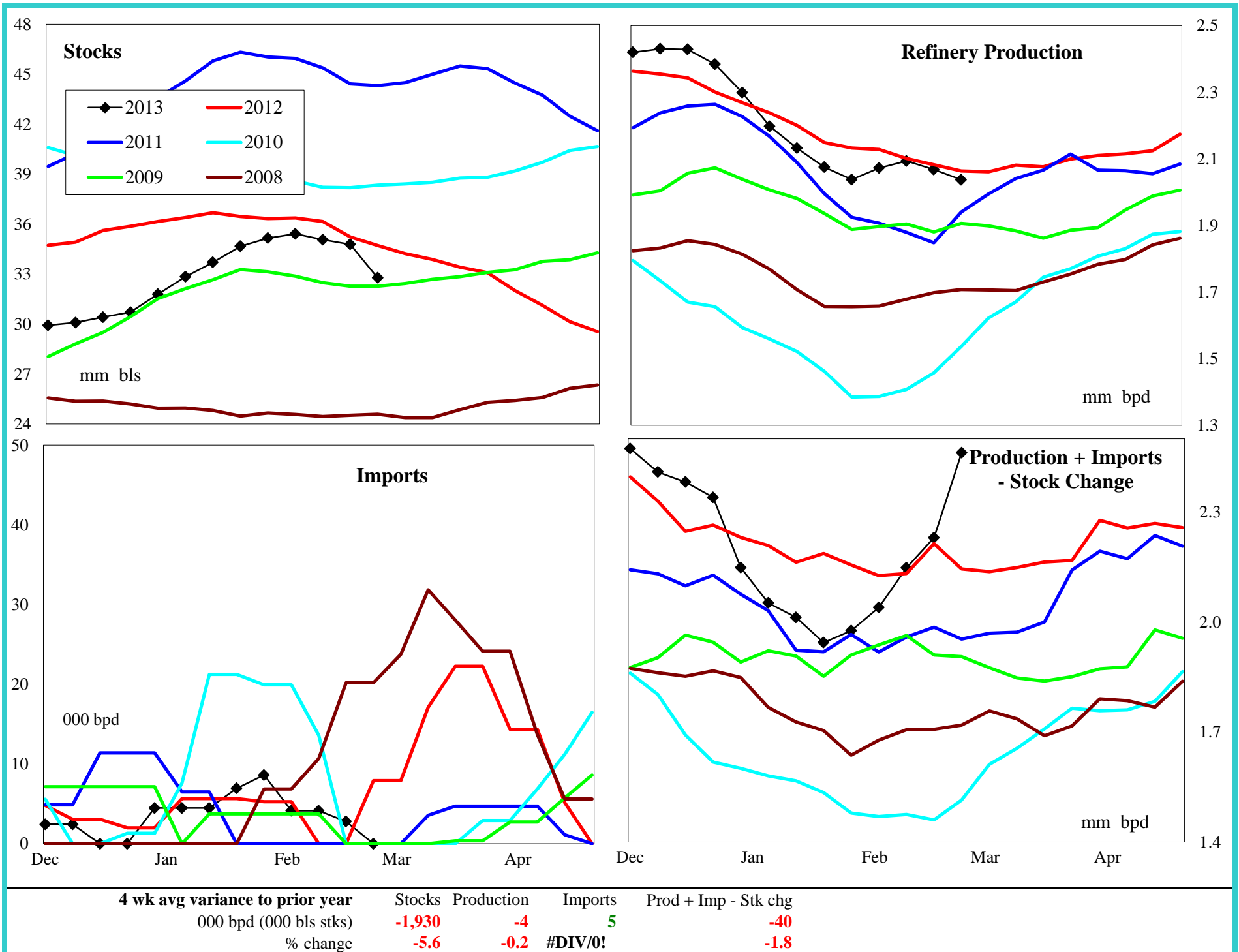
PADD 3 Conventional Gasoline Supply



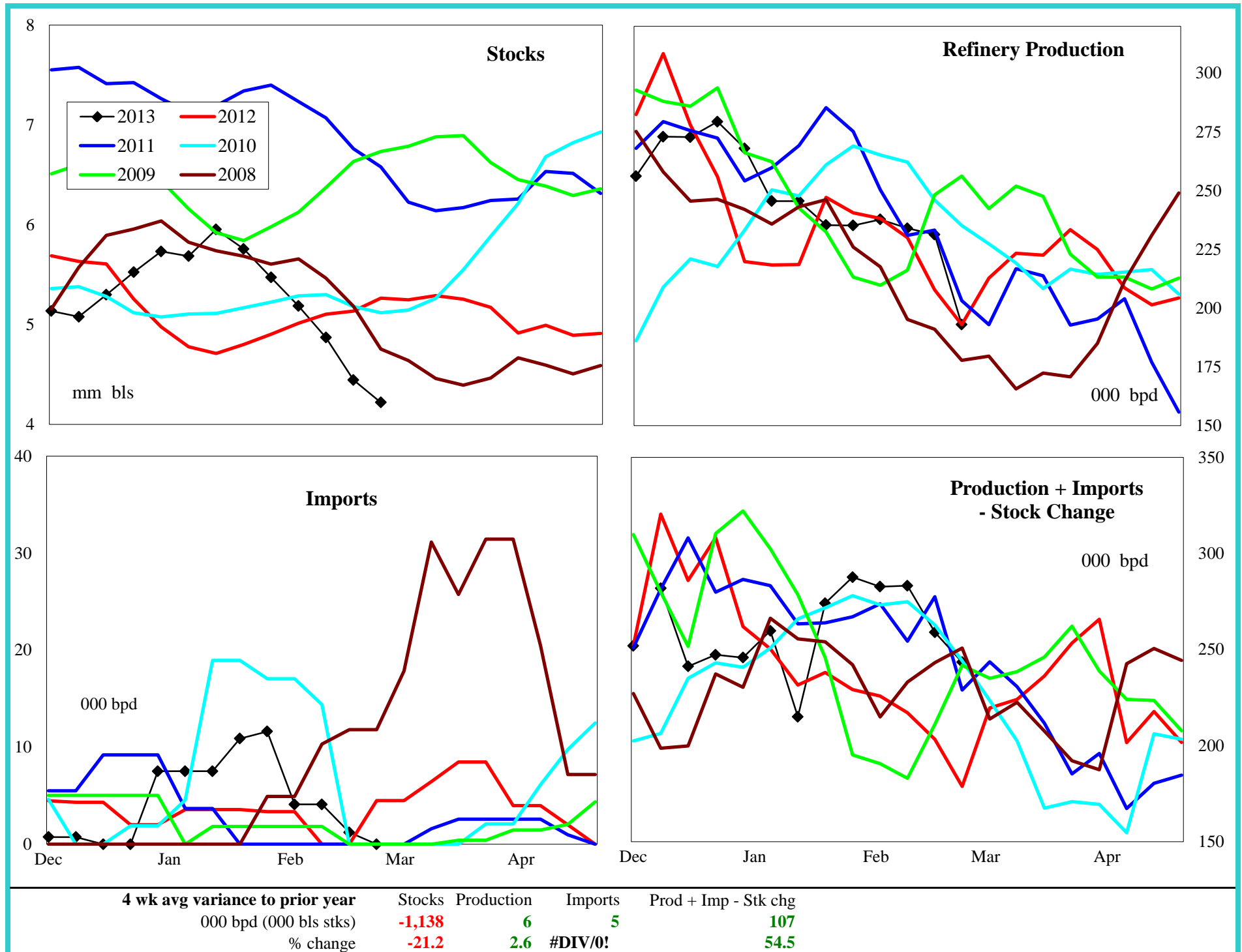
PADD 3 Distillate Supply



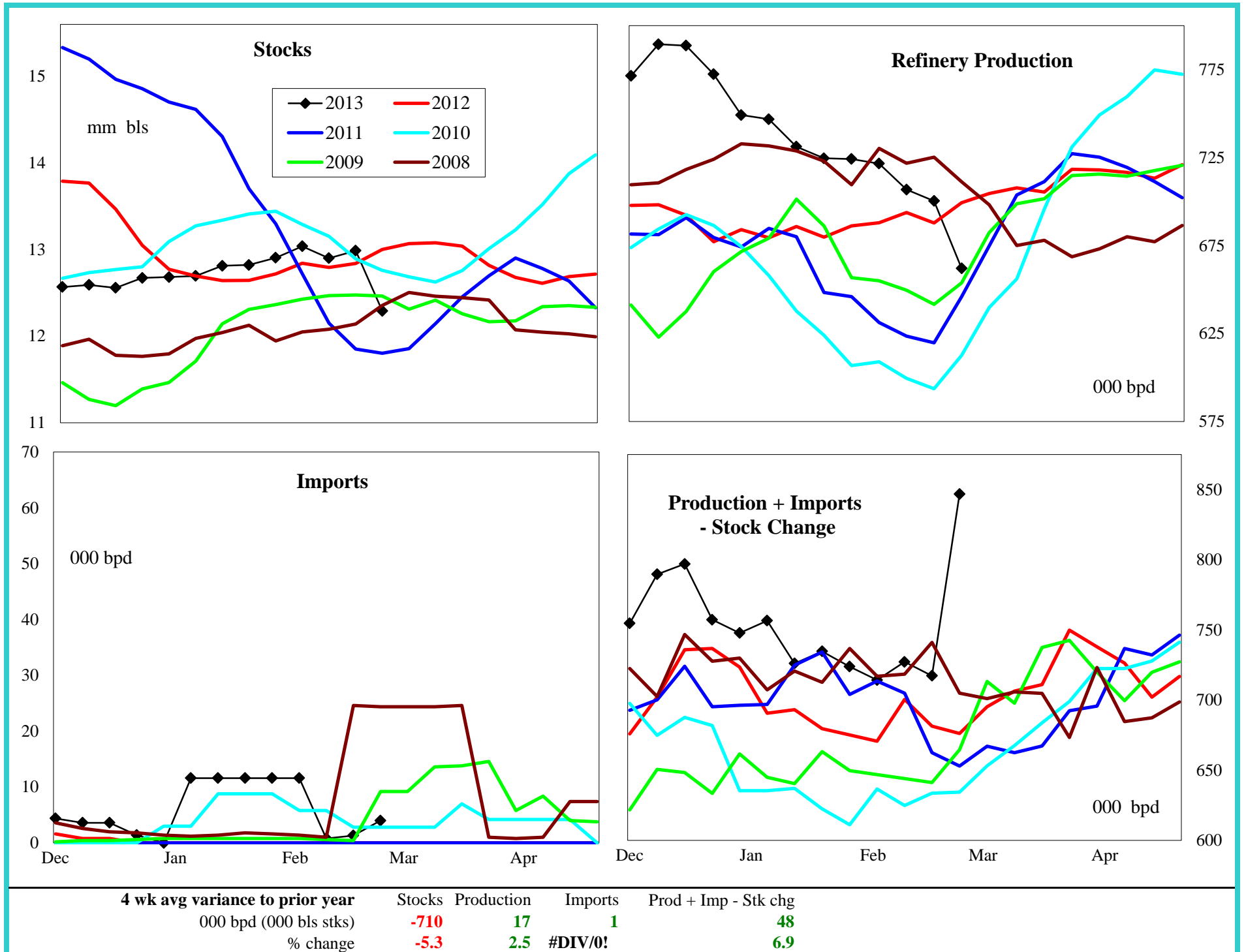
PADD 3 Low Sulfur Distillate Supply



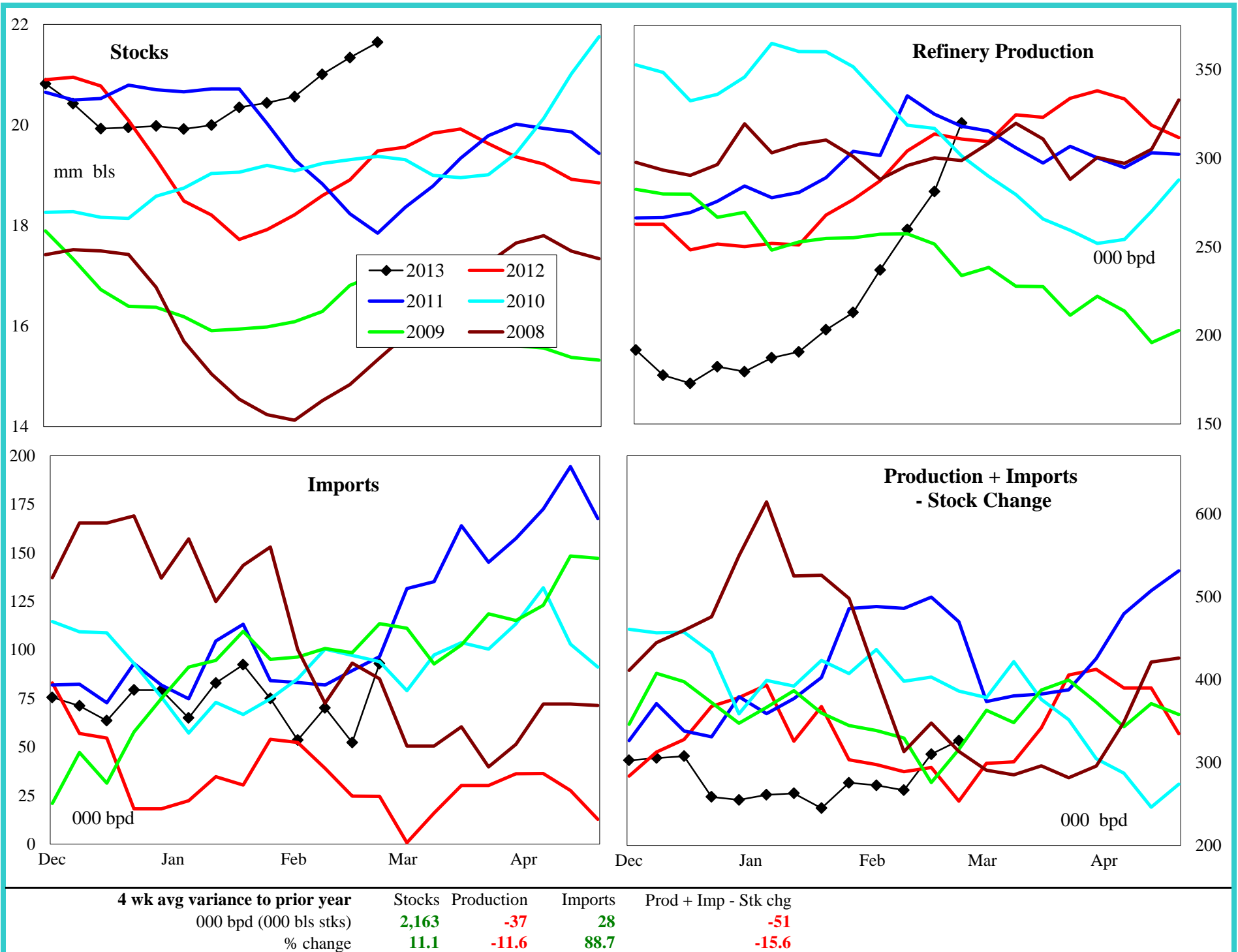
PADD 3 High Sulfur Distillate Supply



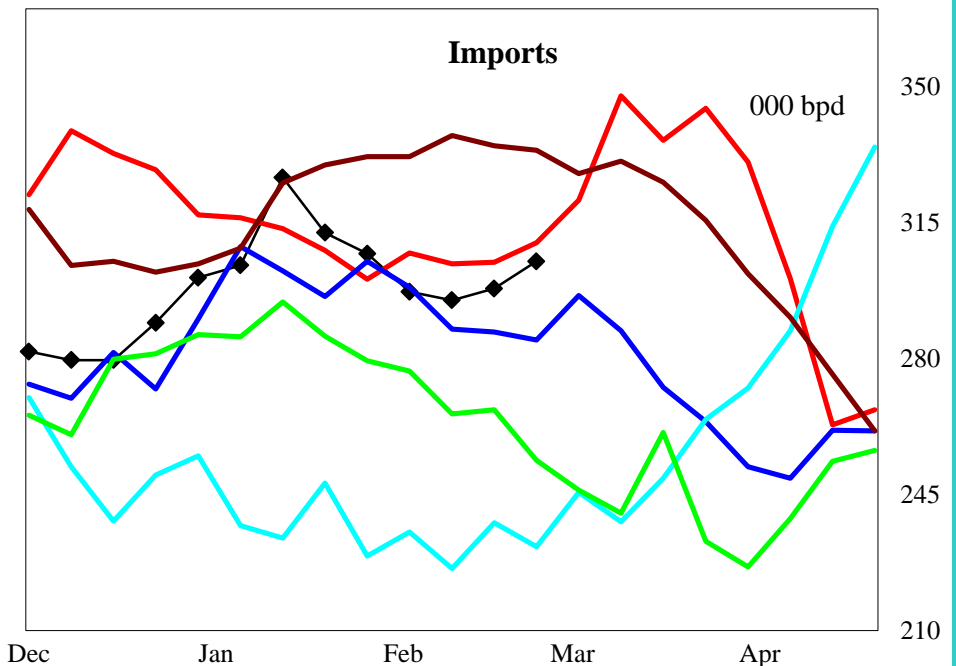
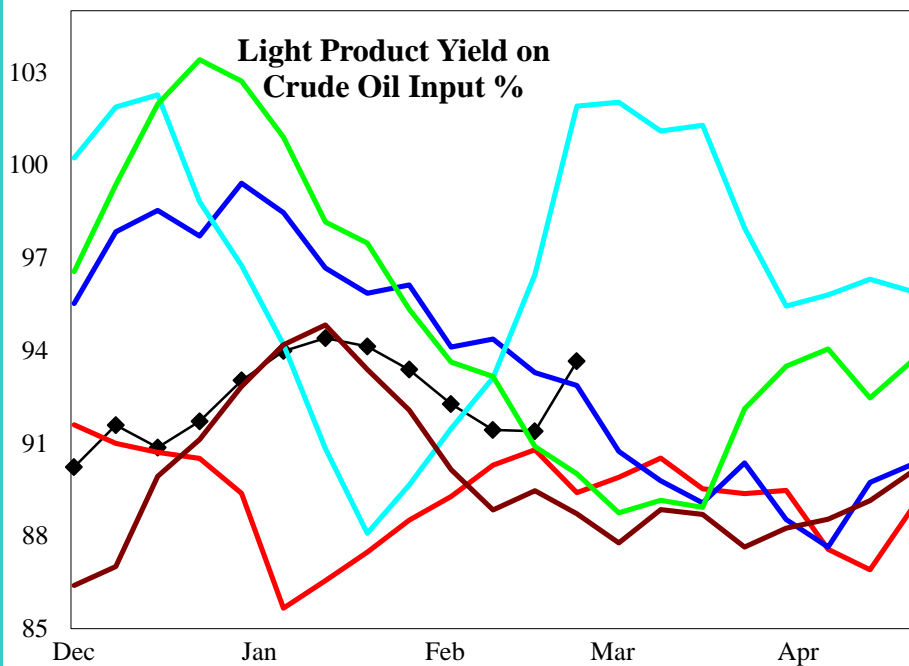
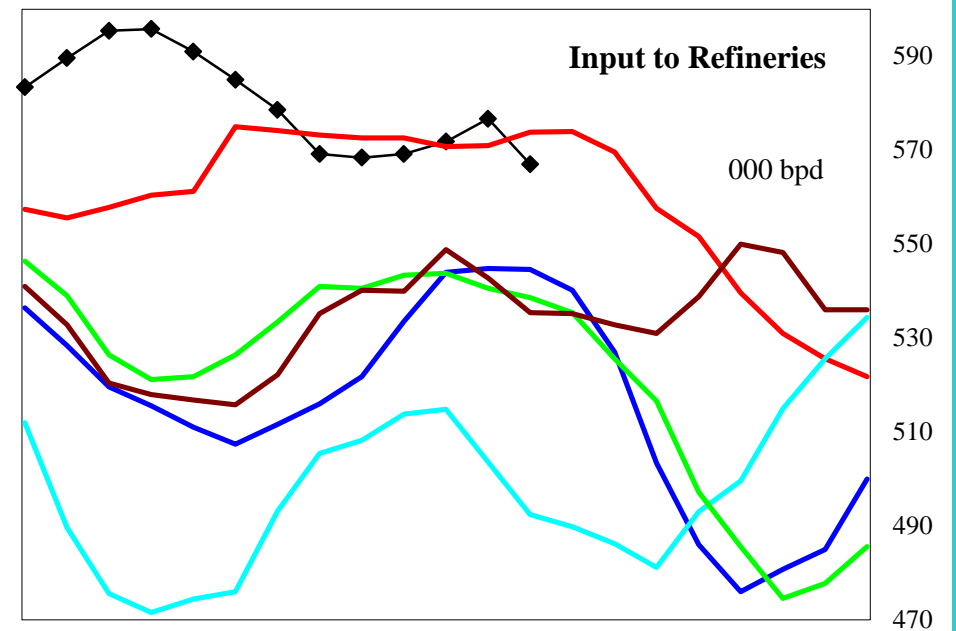
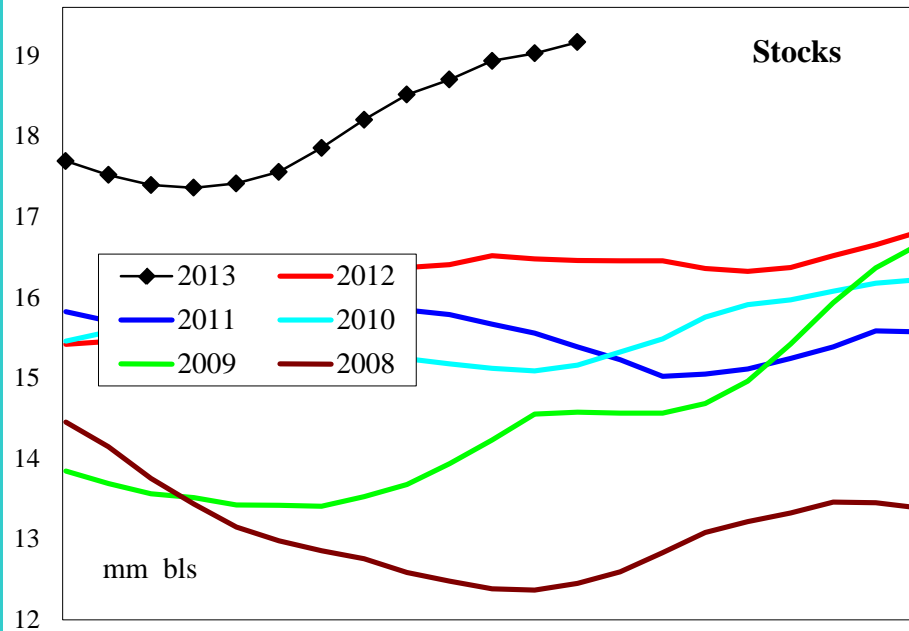
PADD 3 Jet Fuel Supply



PADD 3 Residual Fuel Oil Supply



PADD 4 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

2,708

16.1

Input

3

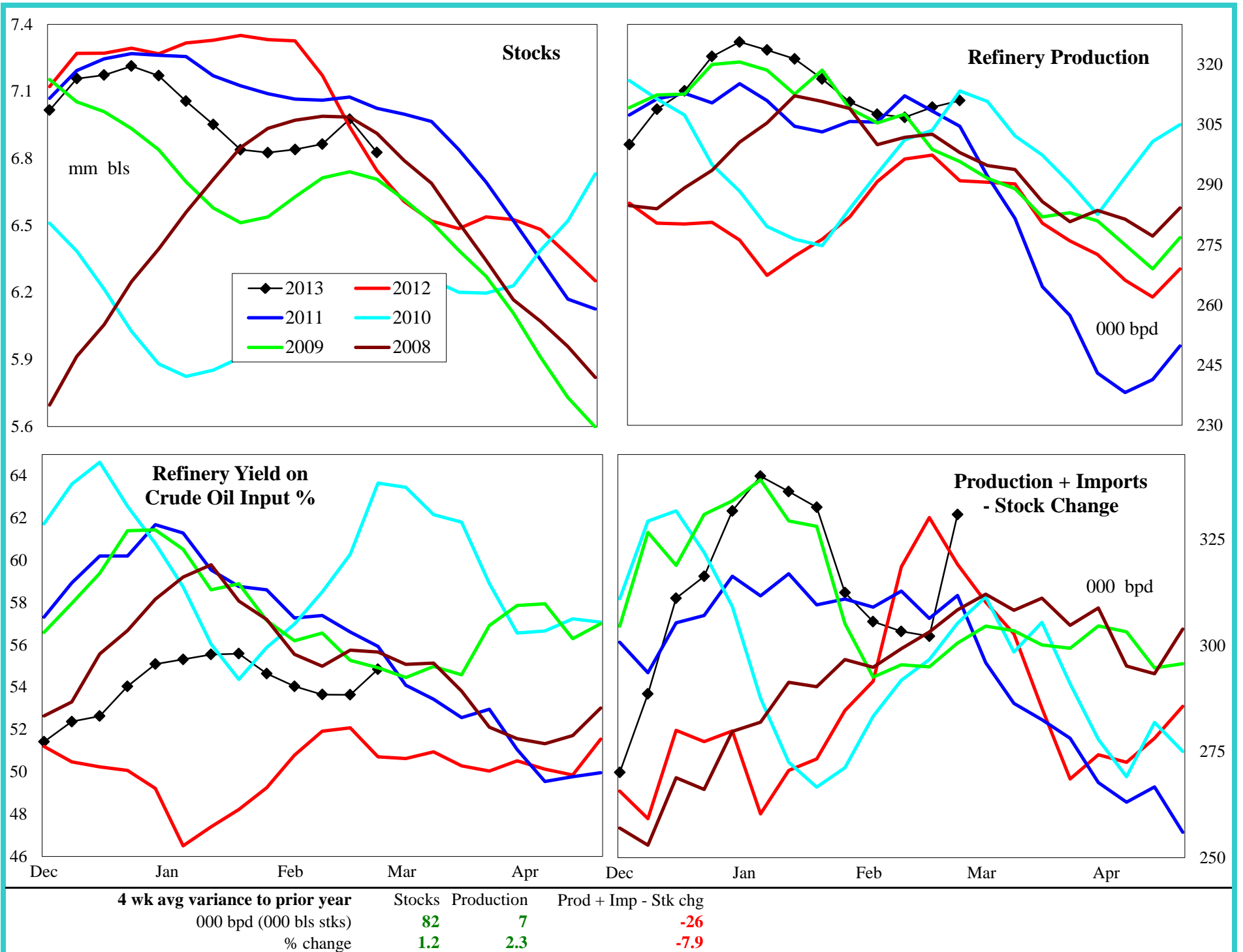
0.5

Imports

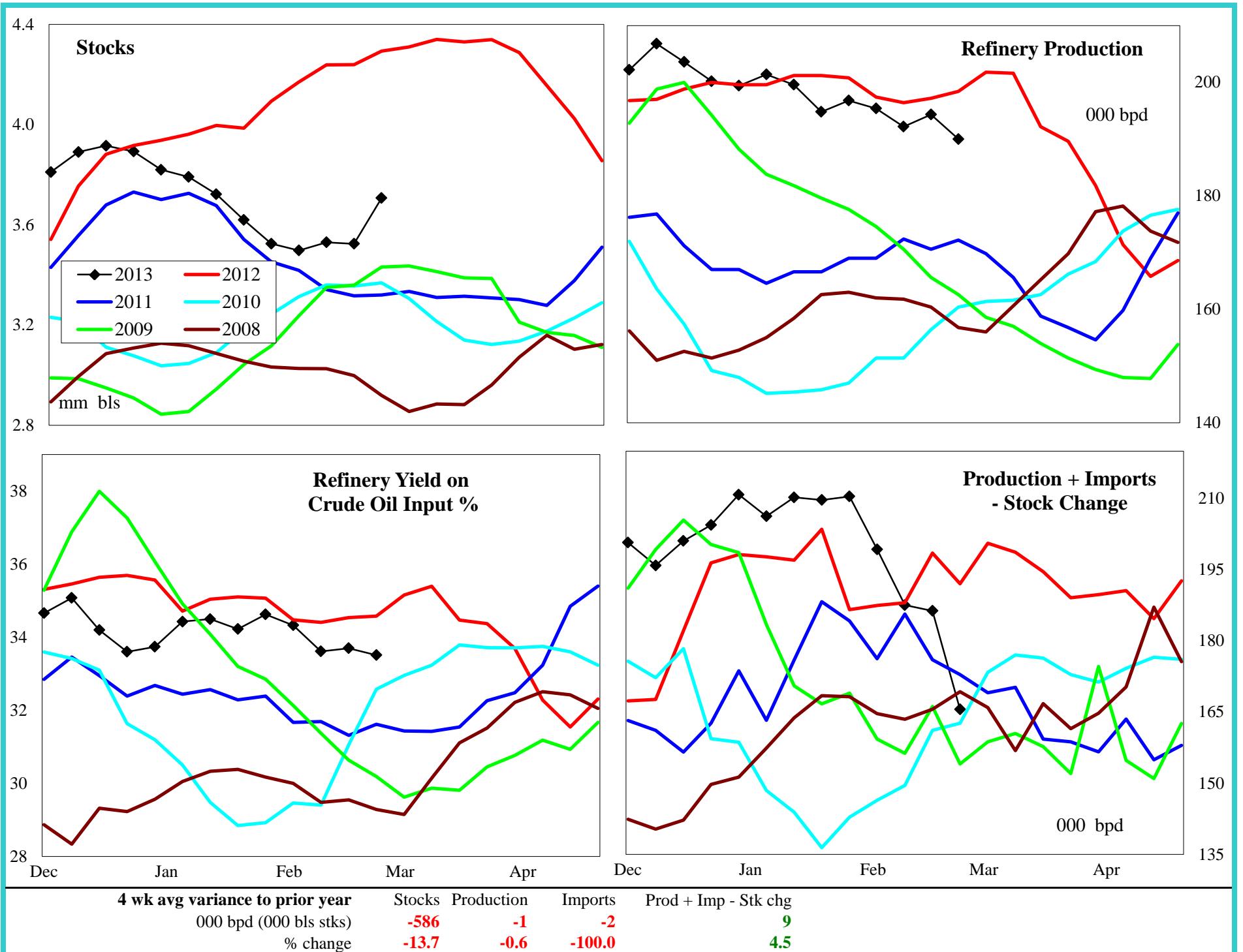
-22

-7.1

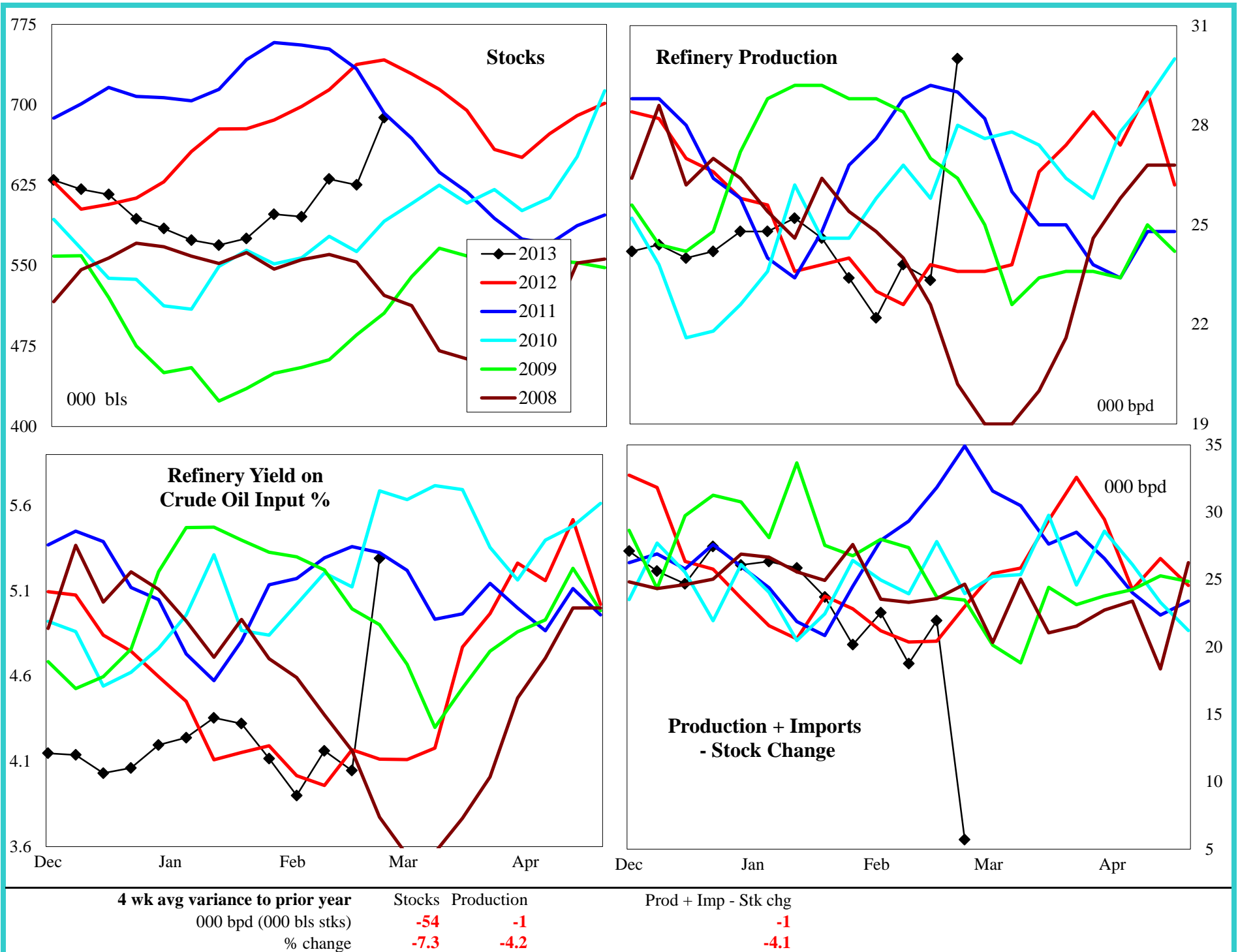
PADD 4 Gasoline Supply



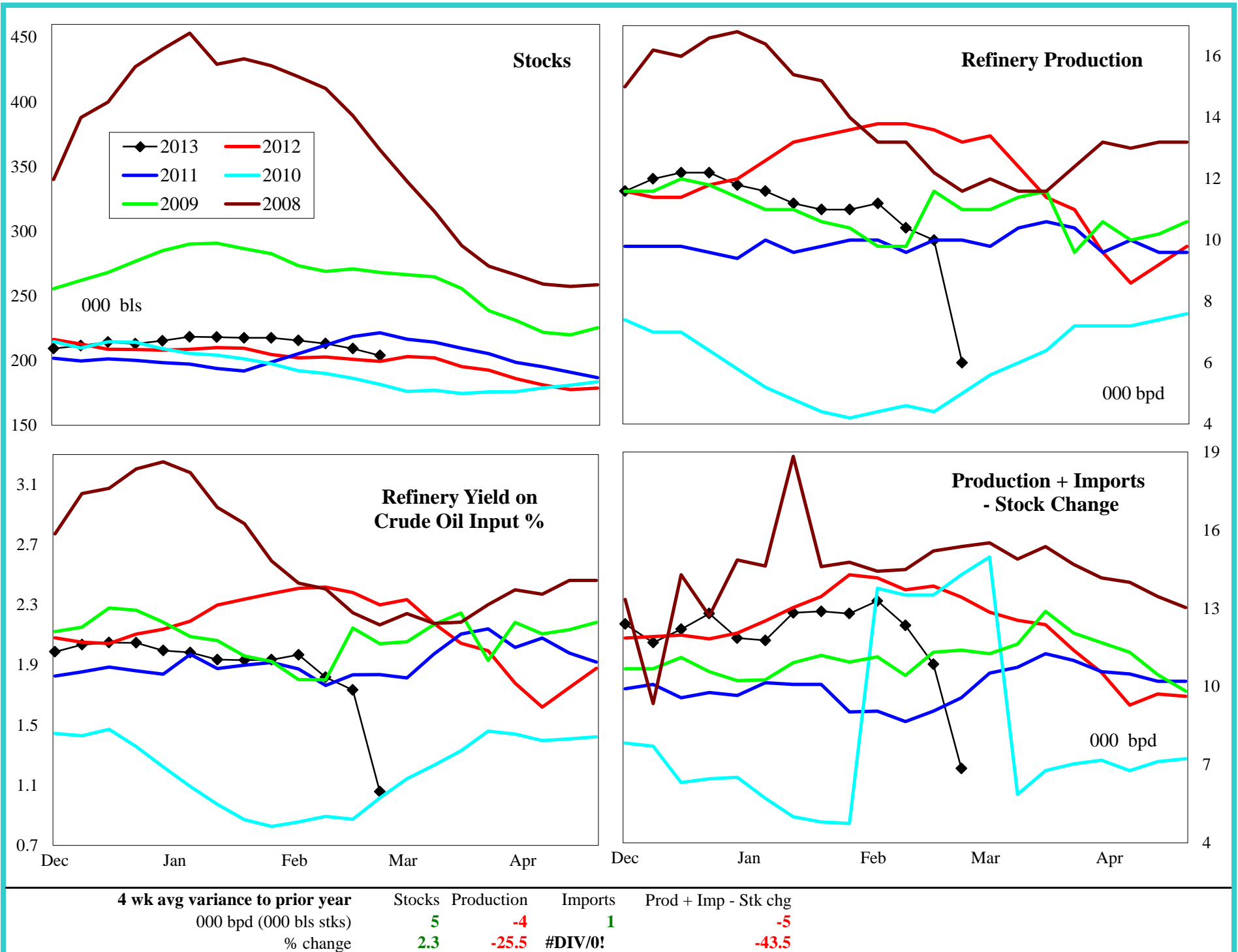
PADD 4 Distillate Supply



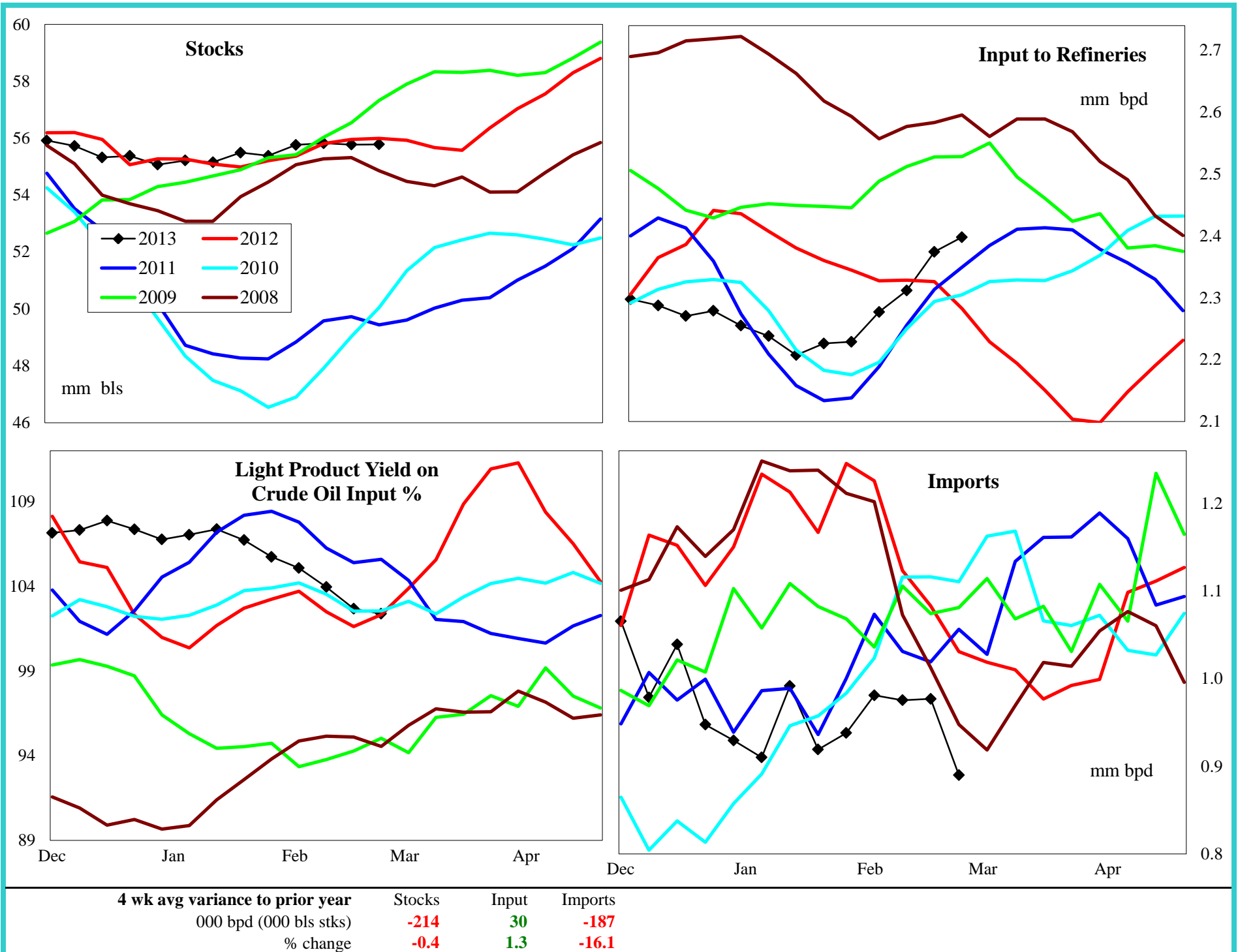
PADD 4 Jet Fuel Supply



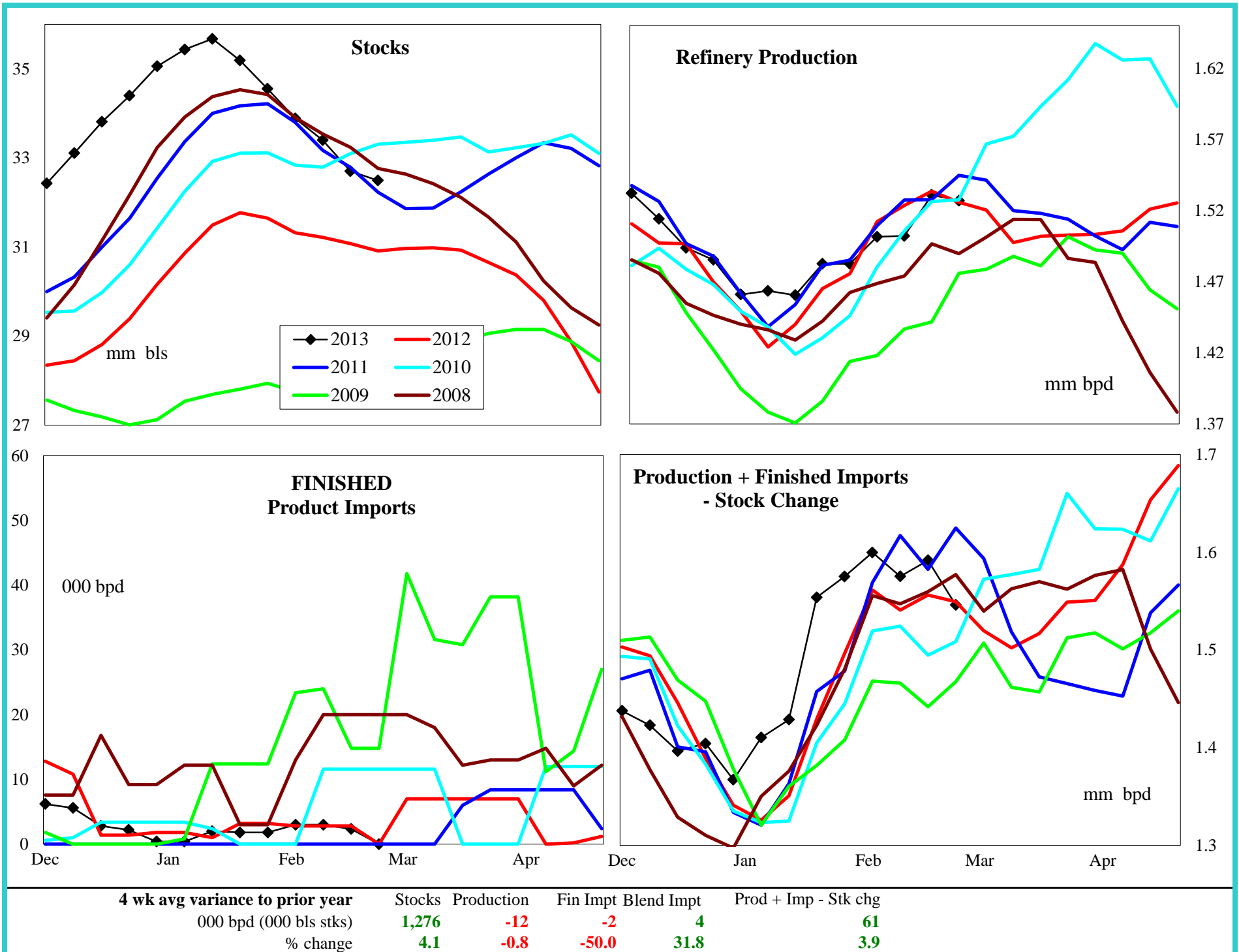
PADD 4 Residual Fuel Oil Supply



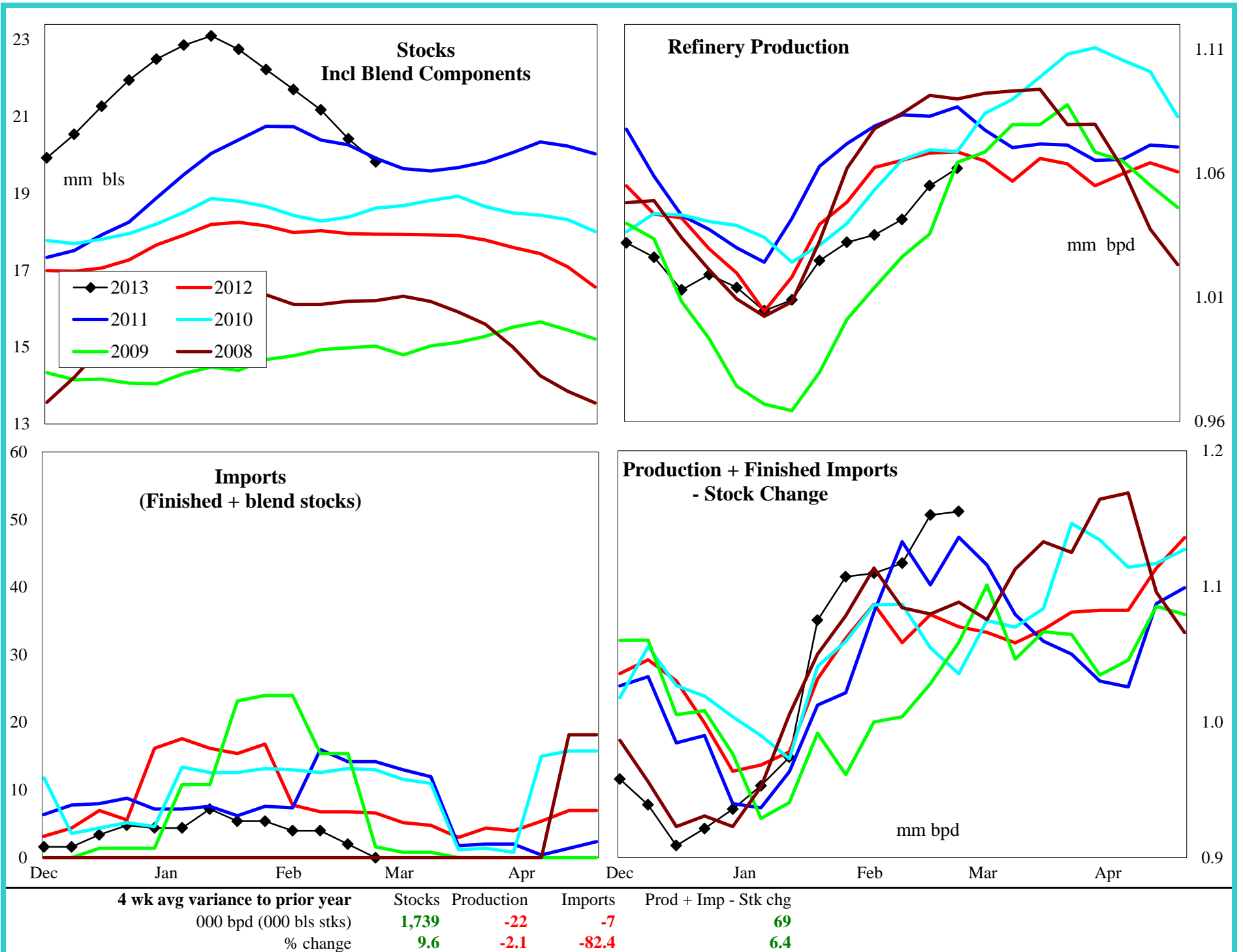
PADD 5 Crude Oil Supply and Refining



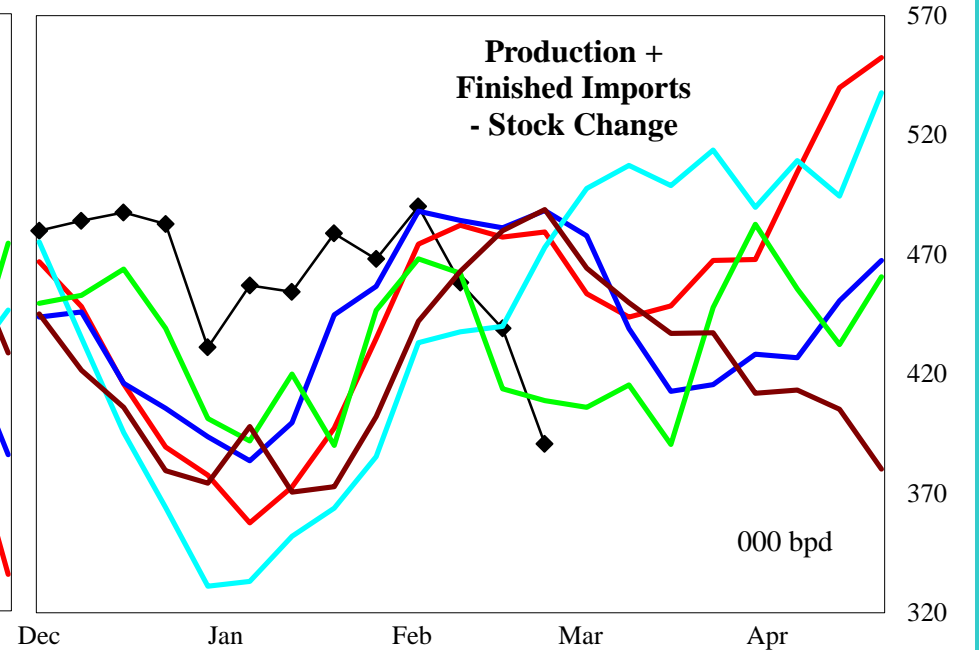
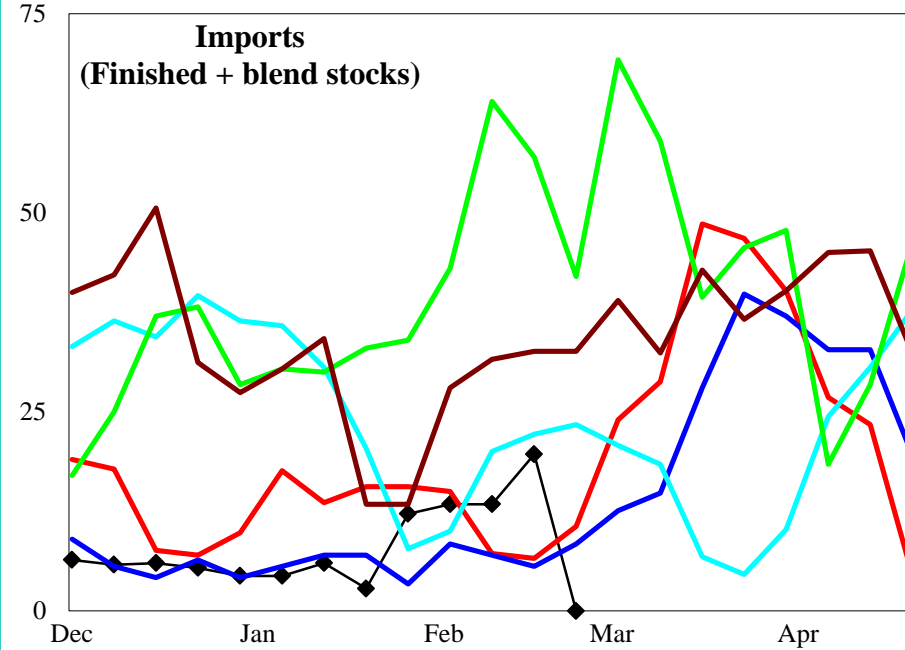
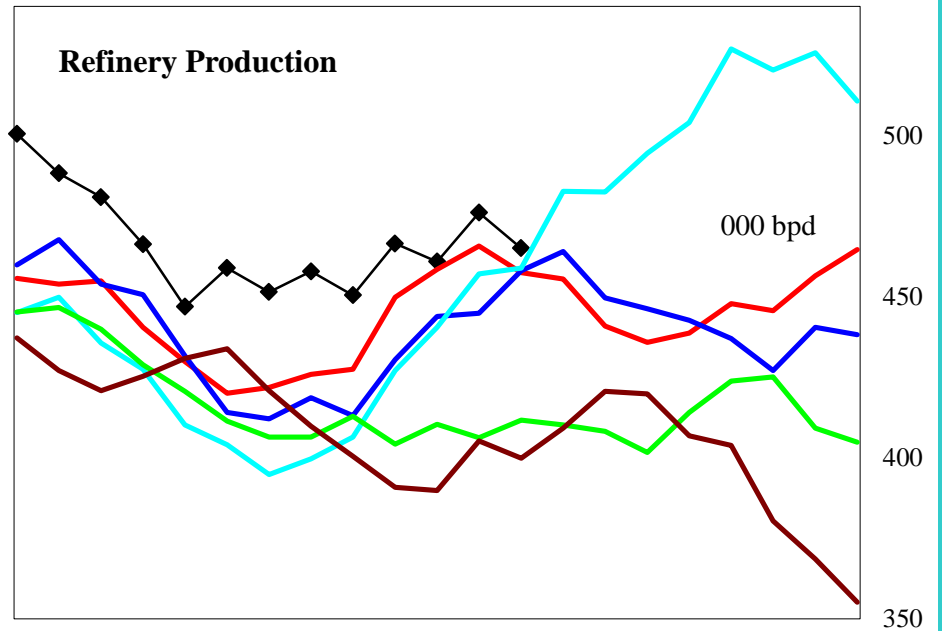
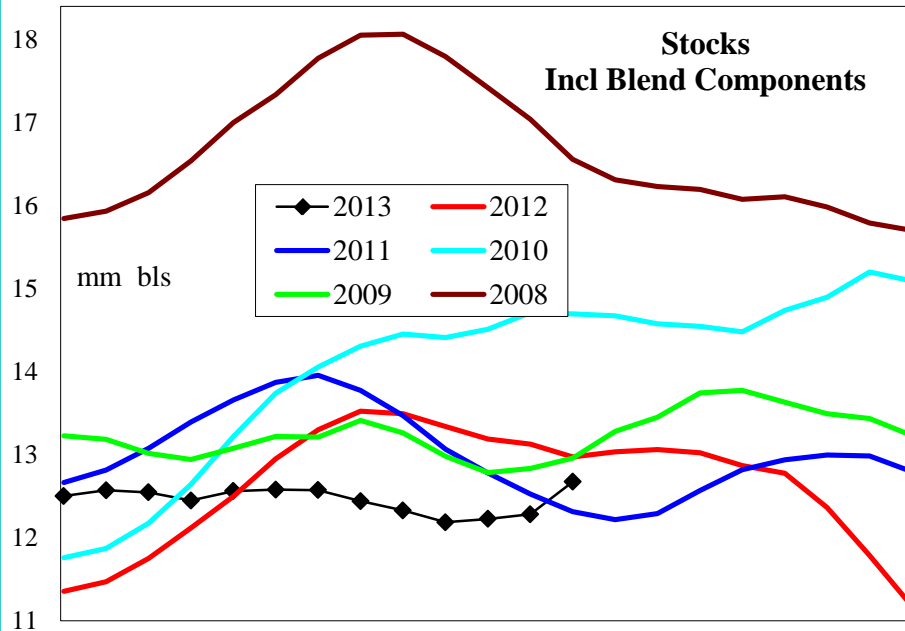
PADD 5 Gasoline Supply



PADD 5 Reformulated Gasoline Supply



PADD 5 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-463

-3.5

Production

10

2.1

Imports

9

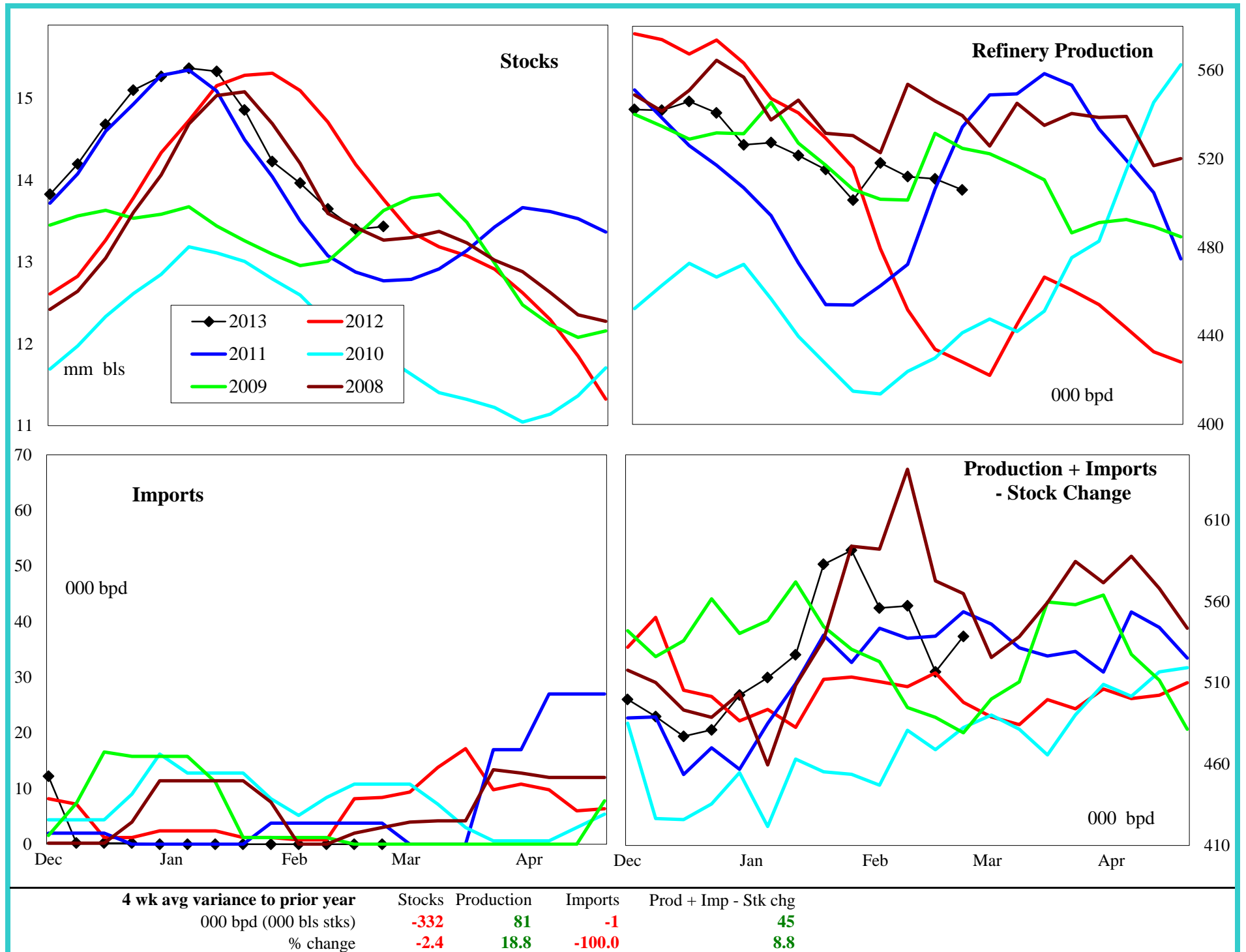
145.8

Prod + Imp - Stk chg

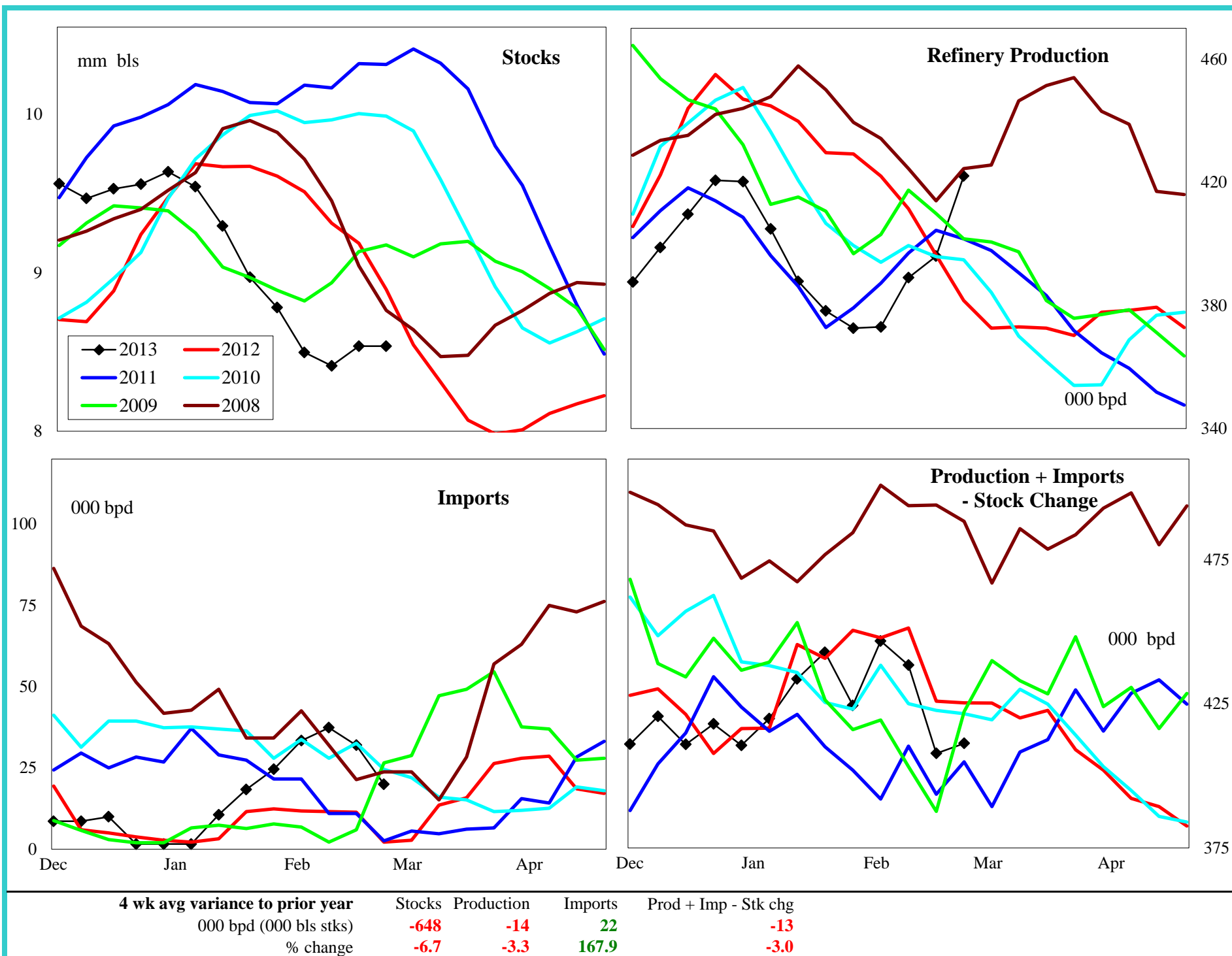
-8

-1.7

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

