



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

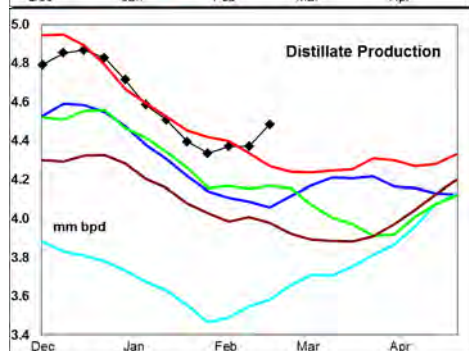
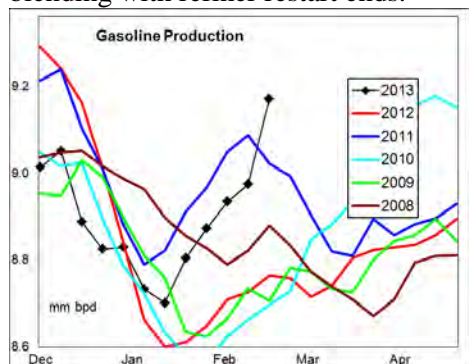
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, February 27,

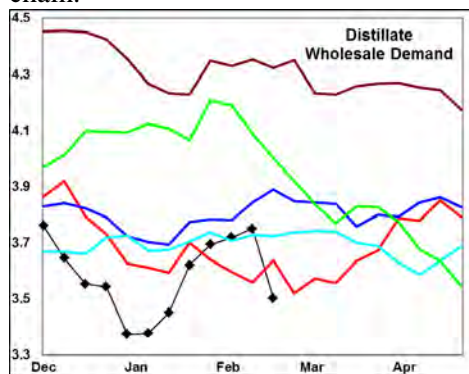


Major Fundamental Trends¹

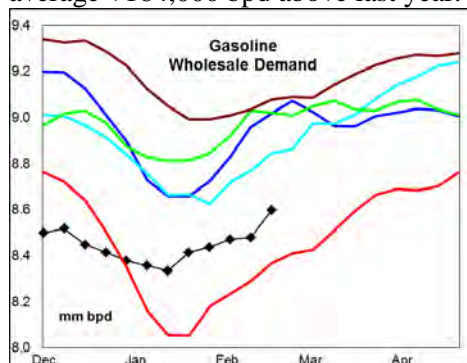
Refinery crude oil thru put climbed +335,000 bpd last week, with increases in each region. This restart of refiners led to a one-time surge in output of gasoline as distillate (up a combined +0.5 million bpd) as intermediate blend stocks were converted to finished product. Look for a near term downturn in production as the one-time blending with refiner restart ends.



Whole distillate demand fell -440,000 bpd during the last 2-wks; with the pull back driven in part by a drop in wholesale prices and a draw down in stocks by the downstream supply chain.



Wholesale gasoline demand continues on a track of solid year-on-year demand growth with the latest 4-wk average +164,000 bpd above last year.



Look for the one-time surge in production of transport fuels due to refinery restarts, to pull back, combined with a rebound in distillate demand and continued robust gasoline demand to drive above average product stock draws during the next 60-days.

The crude oil stock build this week was below the historic average as refiners returned from maintenance. Expect further stock builds over the next 60-days to be a downside risk to WTI crude oil prices.

Demand for distillate fell -306,000 bpd last week, with the latest 4-wk average year on year change up +158,000 bpd. Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +2%; distillate was +4.4% higher; jet fuel was -0.3% lower, and residual fuel fell -42%.

Stocks forward coverage: Gasoline demand coverage decreased on a -1.9 million barrel stock draw. Coverage levels matched the 3-year mid range.

Distillate coverage increased on a +0.6 million barrel stock build and sharply lower demand. Coverage levels fell below four of the last 5-years.

Jet fuel coverage improved on a +0.3 million barrel stock build and weak demand. Coverage levels ended the week at the 3-year mid range.

Residual fuel oil coverage remains extremely high, at a level equal to 175 days of wholesale demand.

Refinery utilization rates increased on

a +335,000 bpd jump in crude oil thru put. During the latest 4-wk period crude oil input was -296,000 bpd below a year ago.

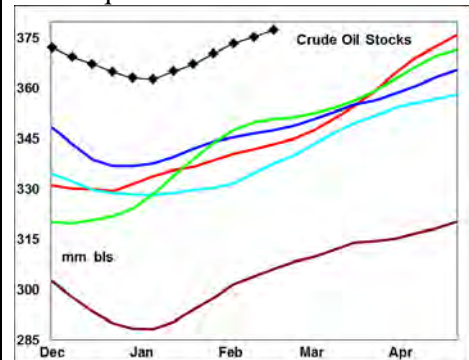
Gasoline yield % on crude oil runs increased on a +275,000 bpd rise in output compared to the +335,000 bpd increase in crude oil thru put. Yield % on crude oil runs was above four of the last 5-years.

Distillate yield % on crude oil runs increased +212,000 bpd rise in output compared to the upturn in crude oil throughput. The yield % on crude oil runs was a record high for this time of year.

Jet fuel yield % on crude oil runs fell on a -47,000 bpd drop in output, compared to the increase in crude oil runs. The yield % fell to the historic mid range.

Petroleum Imports of crude oil, gasoline and jet fuel were higher last week, while distillate declined. During the latest 4-wk period crude oil imports were -1.2 million bpd below last year; distillate imports increased +24,000 bpd; finished gasoline imports decreased -31,000 bpd, gasoline blend stock imports decreased -50,000 bpd; jet fuel imports increased +13,000 bpd, while residual fuel oil imports were -34,000 bpd lower.

Crude Oil stocks increased +1.1 million barrels last week, concentrated in the Gulf Region. The jump in refinery runs offset higher imports, limiting the seasonal build. U.S. stocks ended the week +9.5% above last year and a record high for the winter quarter.



¹ Source is latest EIA Weekly Statistics



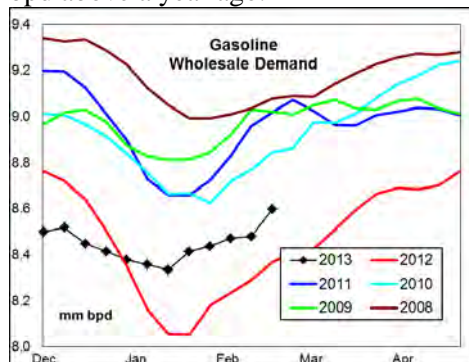
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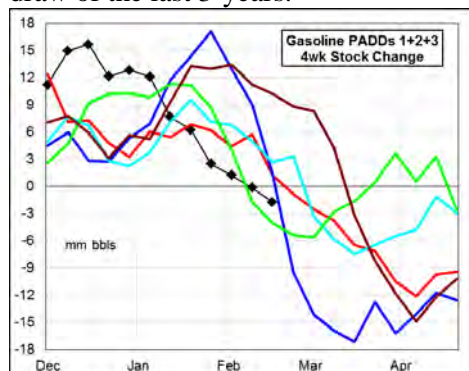
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Product Supply-Demand Trends

Gasoline demand increased +160,000 bpd on the week, with the level above last years' record lows. The latest 4-wk average demand was +164,000 bpd above a year ago. This represents a significant year-on-year increase. Supply jumped +345,000 bpd last week on higher production. Supply for the latest 4-wk period was +110,000 bpd above a year ago.



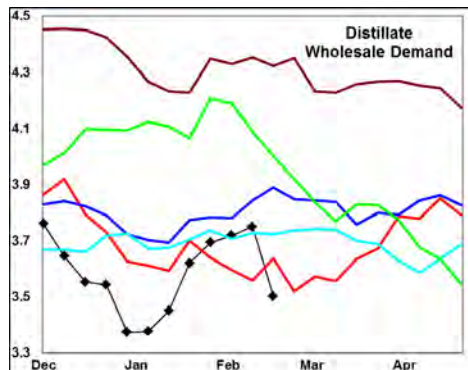
Stocks decreased -1.9 million barrels last week, with the level below the last 3-years. The latest 4-wk draw of -1.8 million barrels matched the highest draw of the last 3-years.



Production surged this week, driven by the restart of refiners and one-time blending of intermediate feed stocks into finished product, look for a sharp drop in production from current highs during the next 2-wks.

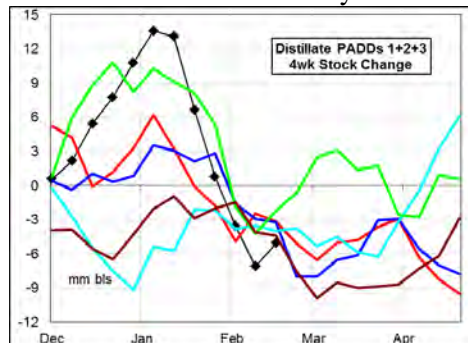
Year on year demand growth and spring refinery maintenance should lead to above average stock draws during the next 60-days.

Distillate demand plunged -0.3 million bpd last week, to a level below the historic range. The latest 4-wk average demand was +158,000 bpd above a year ago.



Supply increased +74,000 bpd last week, on sharply higher production, partially offset by a drop in imports. The latest 4-wk average supply was -55,000 bpd above last year. Stocks increased +0.6 million barrels last week, on a drop in demand.

The latest 4-wk stock change in markets East of the Rockies was a -5.1 million barrel draw, matching the prior record draw for this time of year.



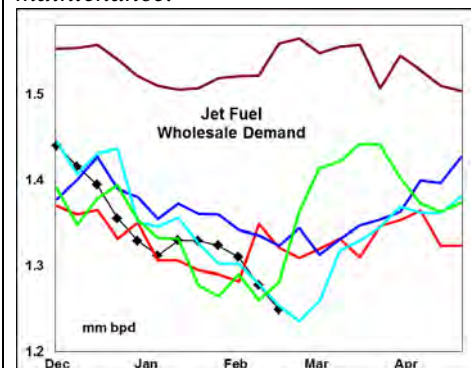
Expect a rebound in wholesale demand and refinery maintenance to drive further stock draws during the next 45-days. Stock levels remain near 5-year lows.

Jet Fuel demand increased +26,000 bpd on the week, to a level that matched 5-year lows for the period. The latest 4-wk average demand was -4,000 bpd below a year ago.

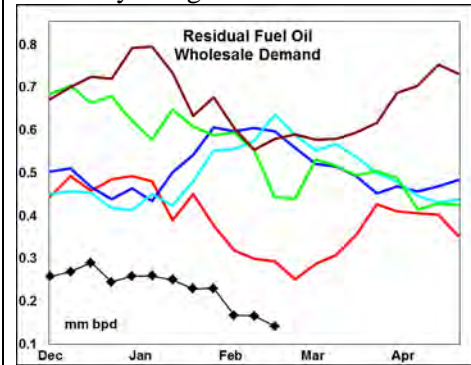
Supplies decreased -15,000 bpd on the week, due to lower production. Supply for the latest 4-wk period was +25,000 bpd above a year ago. Stock levels ended the week at a level that matched the 5-year lows.

Imports have trended higher during the last 60-days, partially offsetting the lower seasonal production. 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 declined -27,000 bpd last week. Demand for the latest 4-wk period was -149,000 bpd below a year ago.



Supply (production + imports) decreased -60,000 bpd last week, on lower imports. The latest 4-wk average supply was -122,000 bpd below last year on lower imports and production. Stocks were nearly unchanged on the week, at a level below the mid range.

Stock levels in PADDs 2 & 3 each ended the week at levels above the 5-year range. Exceptionally low demand has led to the record stock levels in these regions. Stock levels on the East Coast remain below the historic range.



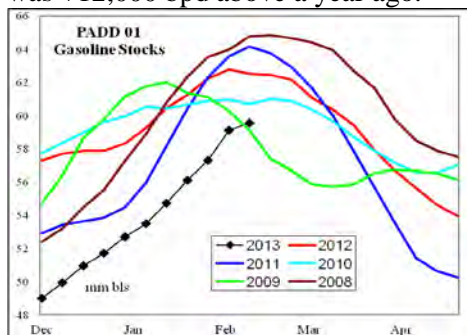
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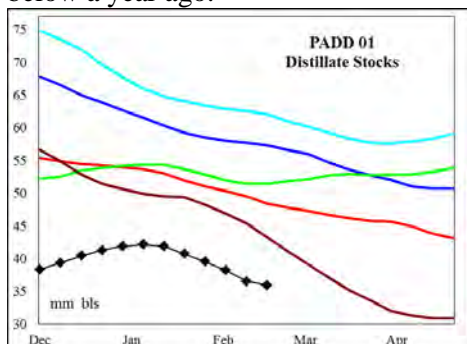
PADD Supply Trends

PADD 1 refinery crude oil runs increased +52,000 bpd last week, a level still below the 5-year range. The latest 4-wk average crude oil thru put was +12,000 bpd above a year ago.

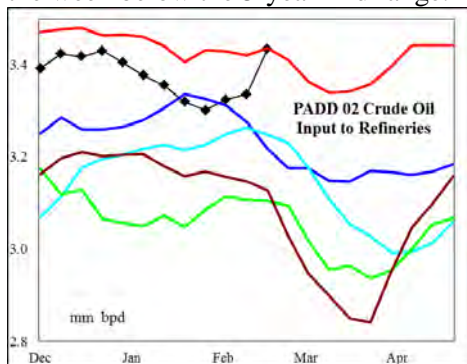


Gasoline supply increased +35,000 bpd on higher imports last week. Stock levels ended the week below each of the last 3-years.

Distillate supply fell -131,000 bpd on the week due to lower imports. Stocks decreased -0.3 million barrels on the week, with the level -27% below a year ago.



Jet fuel stock levels remain below the last 3-years, while production ended the week below the 5-year mid range.



PADD 2 crude oil refinery runs increased +113,000 bpd last week, matching 5-year highs for the period. Runs for the latest 4-wk period were -

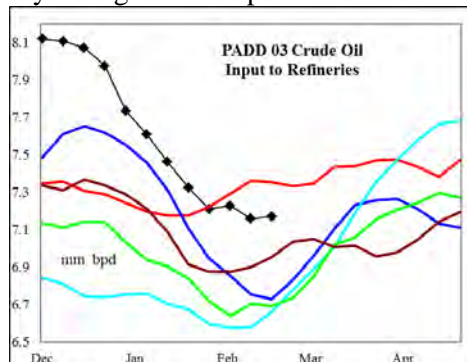
103,000 bpd below last year. Crude oil stocks were nearly unchanged on the week. Stocks ended the week +46% above a year ago at Cushing, Oklahoma.

Gasoline production increased +69,000 bpd on the week, a level comparable to the average of the last 3-years. Stocks increased +0.3 million barrels on the week, although the level remains below the 5-year range.

Distillate supply was nearly unchanged last week, at a level near last years' 5-year highs. Stock levels remained below the 5-year range.

Jet fuel production increased +29,000 bpd to a record high for the period. Stocks jumped +0.7 million barrels to, although the level remains below the 5-year range.

PADD 3 refinery runs increased +100,000 bpd last week, with the latest 4-wk average -157,000 bpd below a year ago. Crude oil stocks increased +1.1 million barrels with the level near 3-year highs for the period.



Gasoline supply +245,000 bpd last week, ending the week at a level above the last 2-years. Production for the latest 4-wk period was +243,000 bpd above a year ago. Stocks fell -1.9 million barrels, to a level that matched prior record highs.

Distillate supply increased +102,000 bpd on the week, with the latest 4-wk average nearly unchanged from last year. Stock levels ended the week comparable to last year.

Jet fuel production fell -53,000 bpd last week. Stocks increased +0.4 million barrels on the week, to a level above 5-year highs for the period.

Residual fuel oil supplies declined -18,000 bpd on the week. Stock levels ended the week +11% above last year and above the 5-year range.

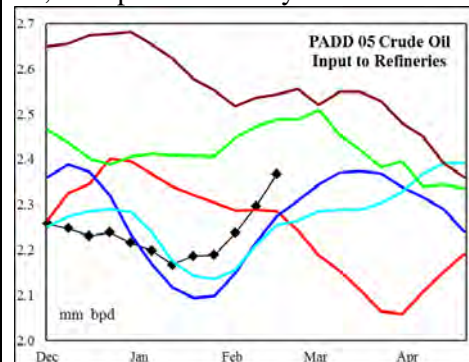
PADD 4 refinery crude runs decreased -19,000 bpd on the week, to a level that matched 5-year highs.

Gasoline production decreased -13,000 bpd on the week, a level that matched the historic mid range. Stocks decreased -0.2 million barrels with the level comparable to the last 2-years.

Distillate production decreased -7,000 bpd on the week, a level slightly below last years' record. Stocks increased +0.2 million barrels on the week, but remain -17% below last years' record high.

Jet fuel production remains below the historic range while stocks are near 5-year lows.

PADD 5 crude oil refinery runs increased +89,000 bpd on the week, to a level above the last 3-years. Runs for the most recent 4-wk period were -53,000 bpd below last year.

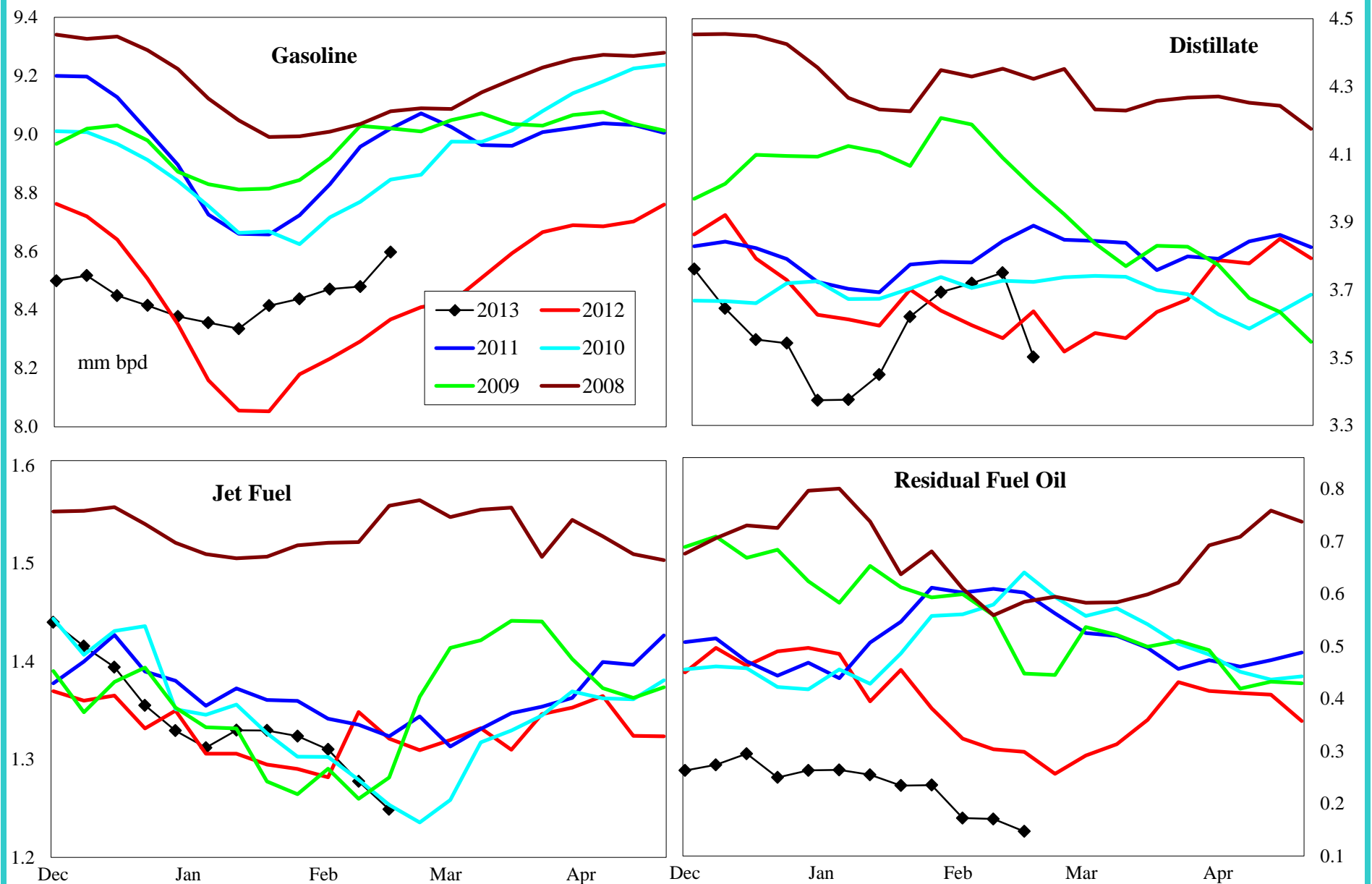


Gasoline supply increased +31,000 bpd on the week, to a level above the 5-year range. The latest 4-wk average supply was -35,000 bpd below a year ago. Stocks fell -0.4 million barrels, with the level equal to the 3-year mid range.

Distillate supply climbed +113,000 bpd, to a level above the 5-year range. Stocks increased +0.6 million barrels to a level above four of the last 5-years.

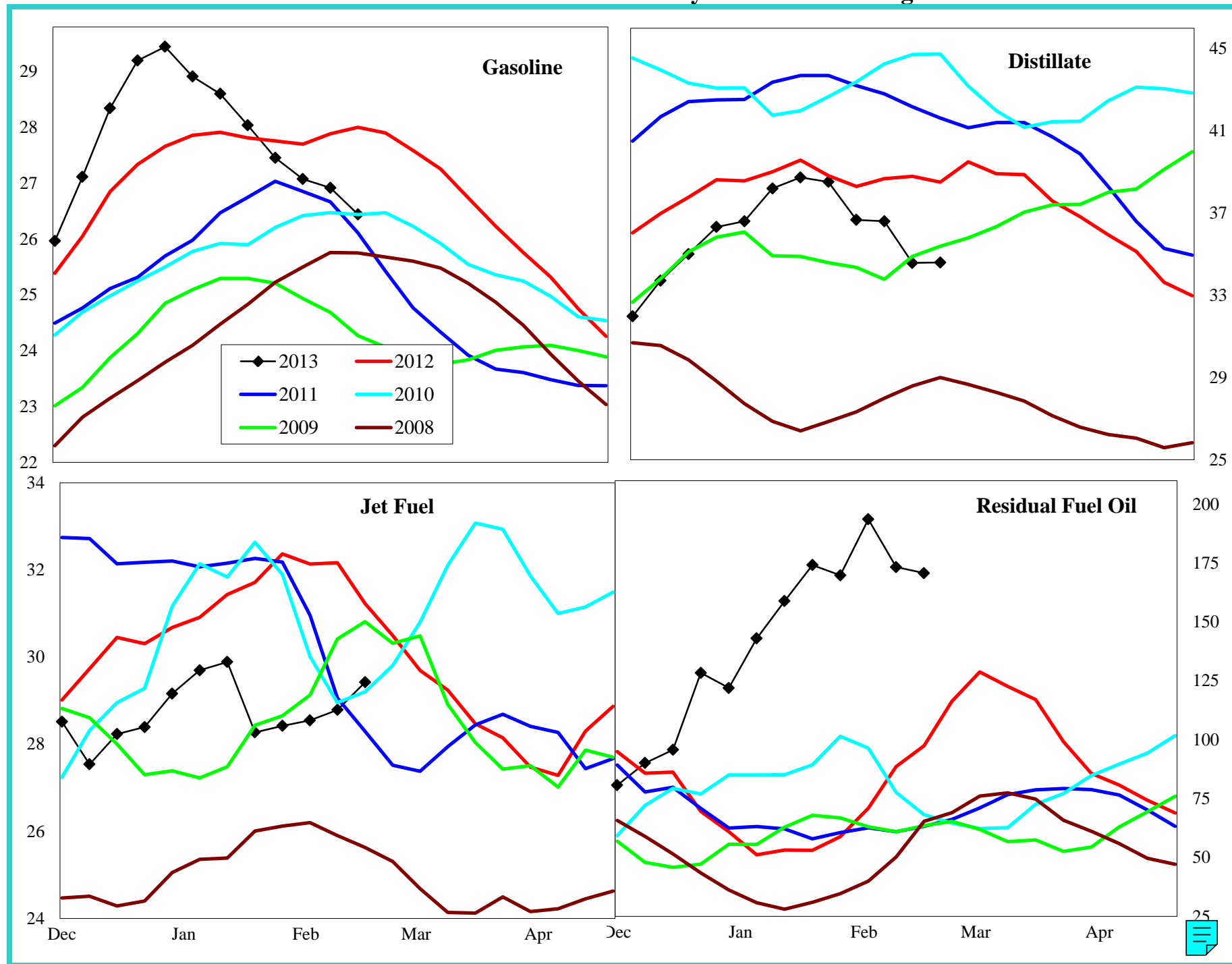
Jet fuel stocks and production each ended the week at 5-year lows for this time of year.

United States Wholesale Petroleum Demand

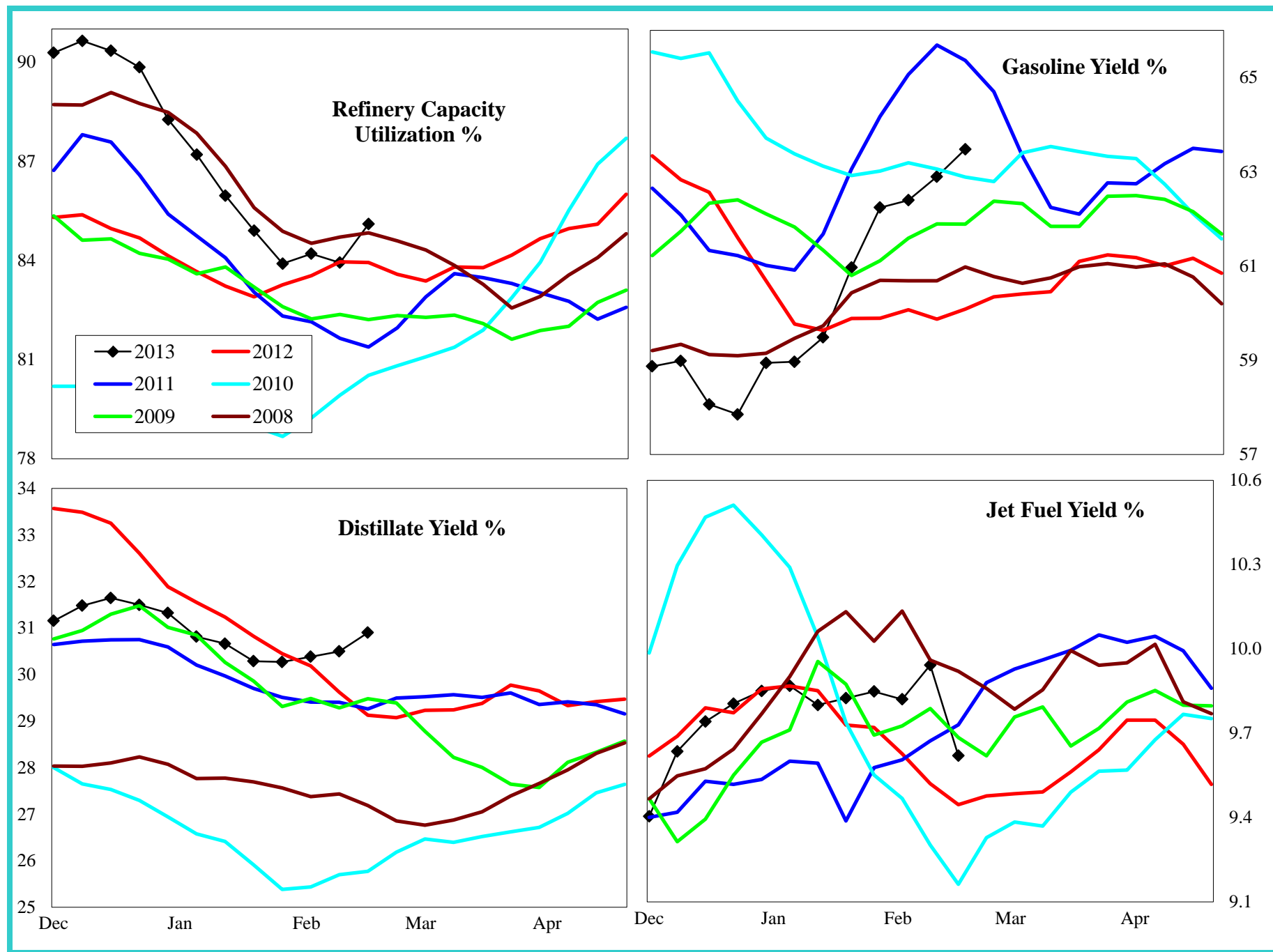


	000 bpd change from prior year				% change from prior year				
	4wk avg	Jan	Dec	Nov	4wk avg	Jan	Dec	Nov	
Gasoline	164	230	-244	2	2.0	2.8	-2.8	0.0	
Distillate	158	-282	-286	-207	4.4	-7.4	-7.4	-5.0	
Jet Fuel	-4	49	67	-9	-0.3	3.7	4.9	-0.6	
Resid	-149	-135	-209	-100	-41.8	-32.1	-40.3	-25.3	

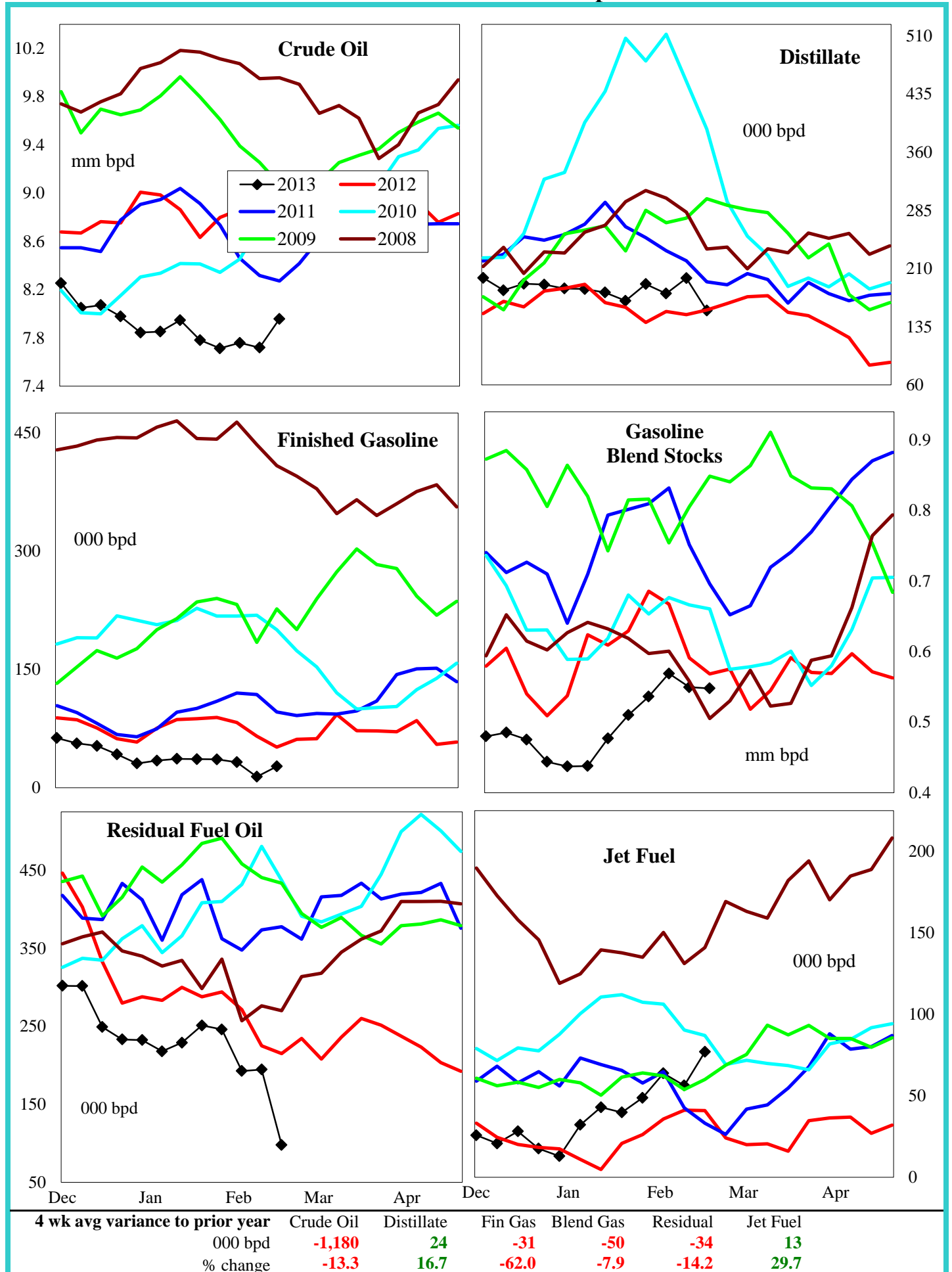


United States Product Stocks: Days Forward Coverage

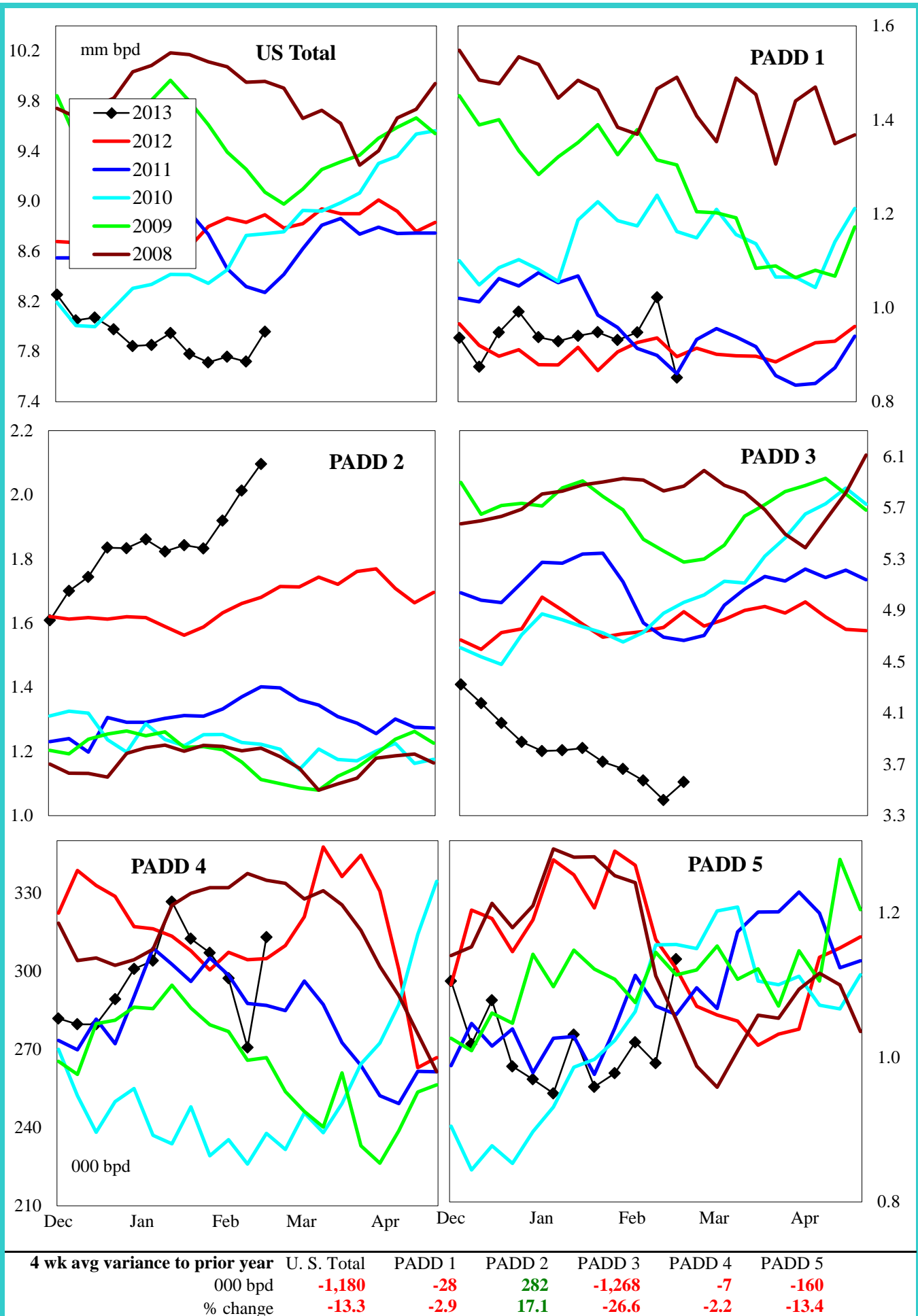
United States Refinery Percent Utilization Rate and Product Yields



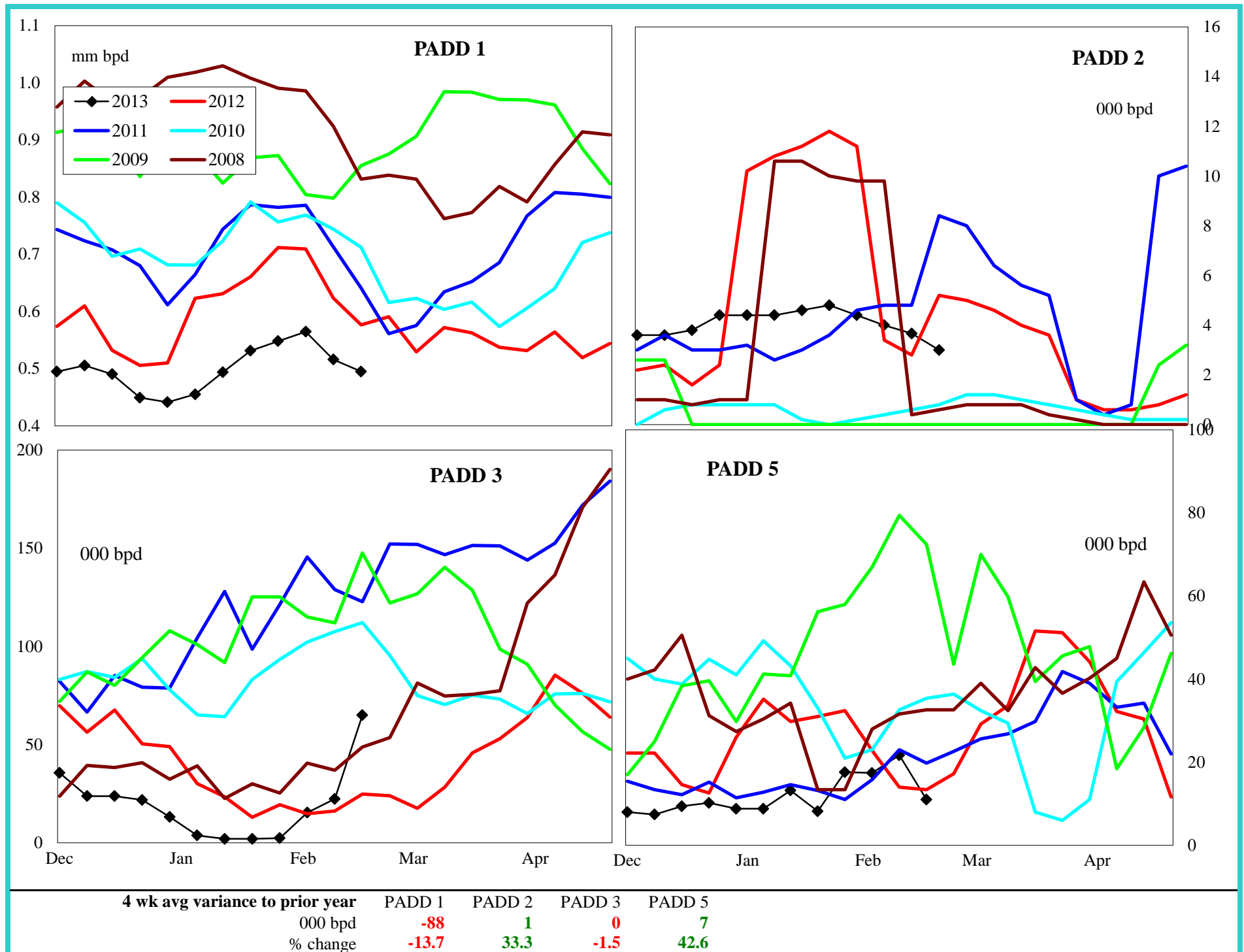
United States Petroleum Imports



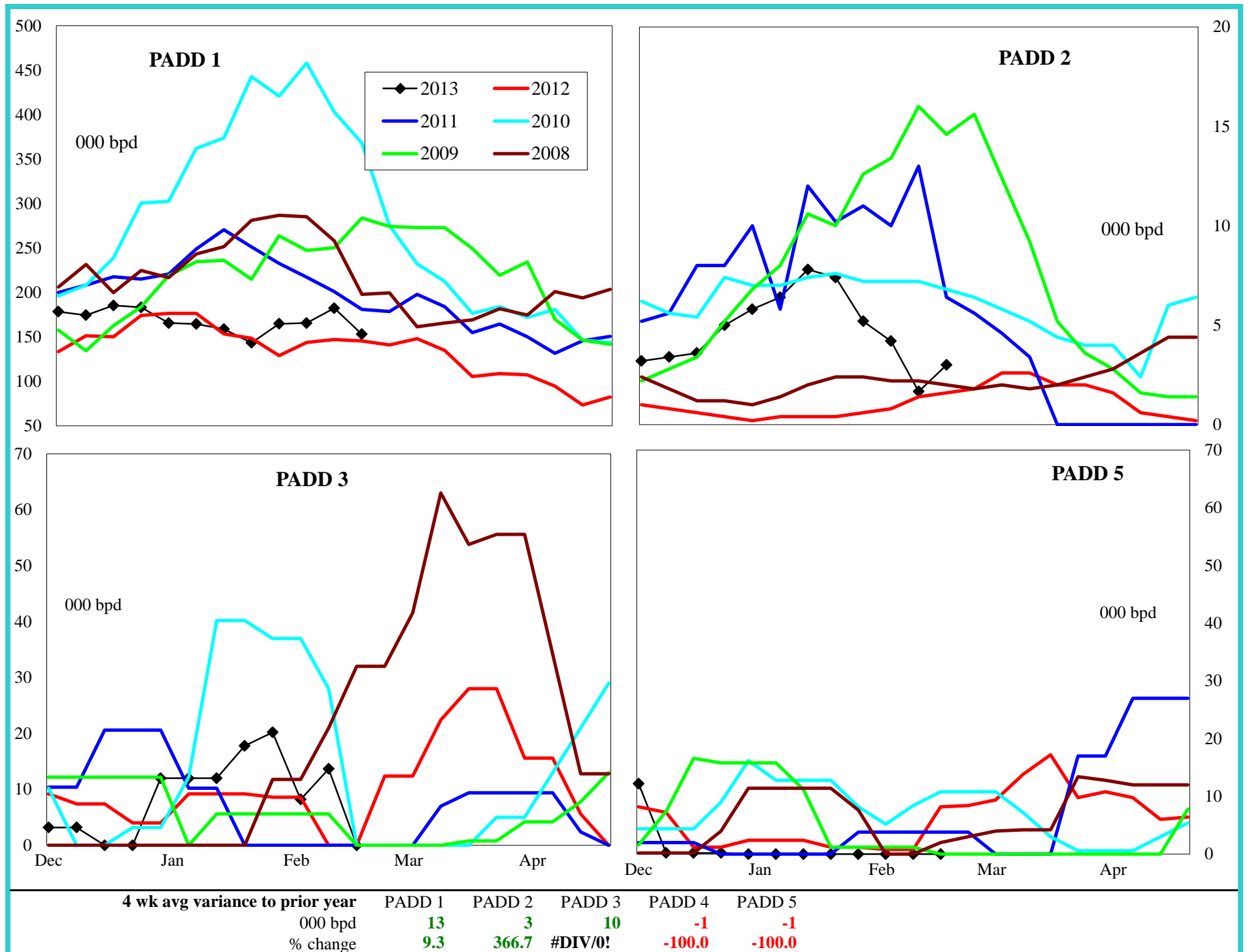
Crude Oil Imports by PADD



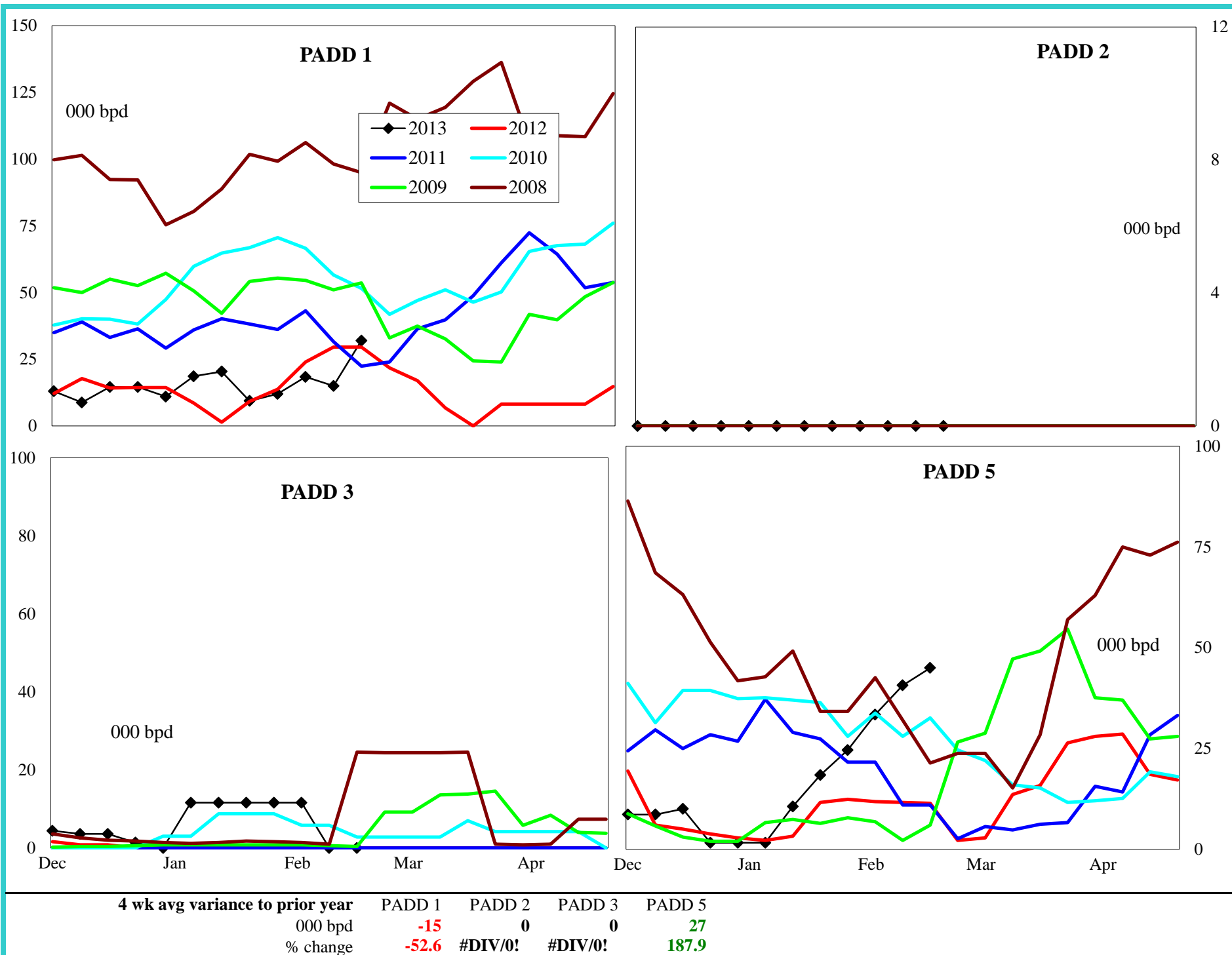
Gasoline Imports by PADD (Finished + Blend Stocks)



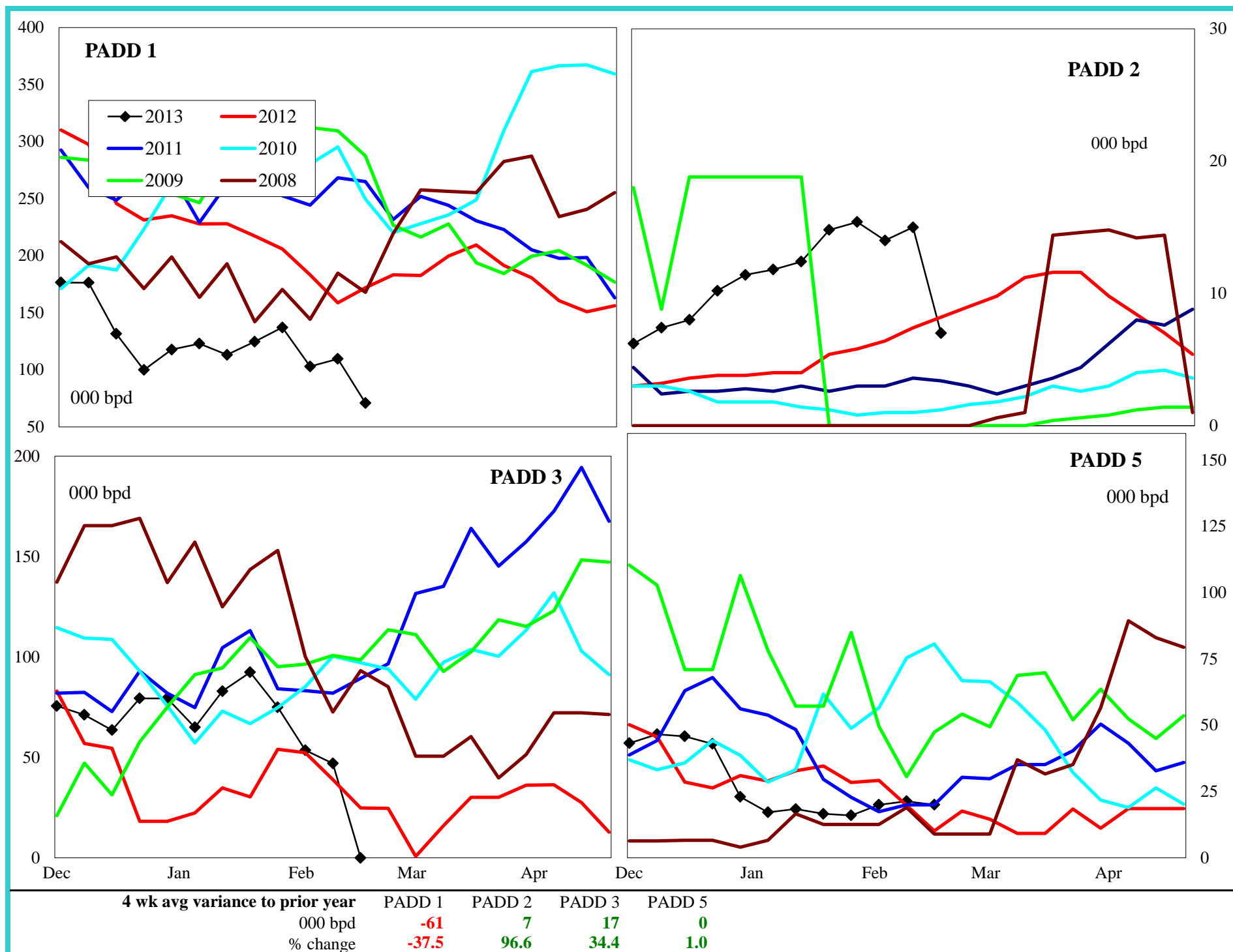
Distillate Imports by PADD



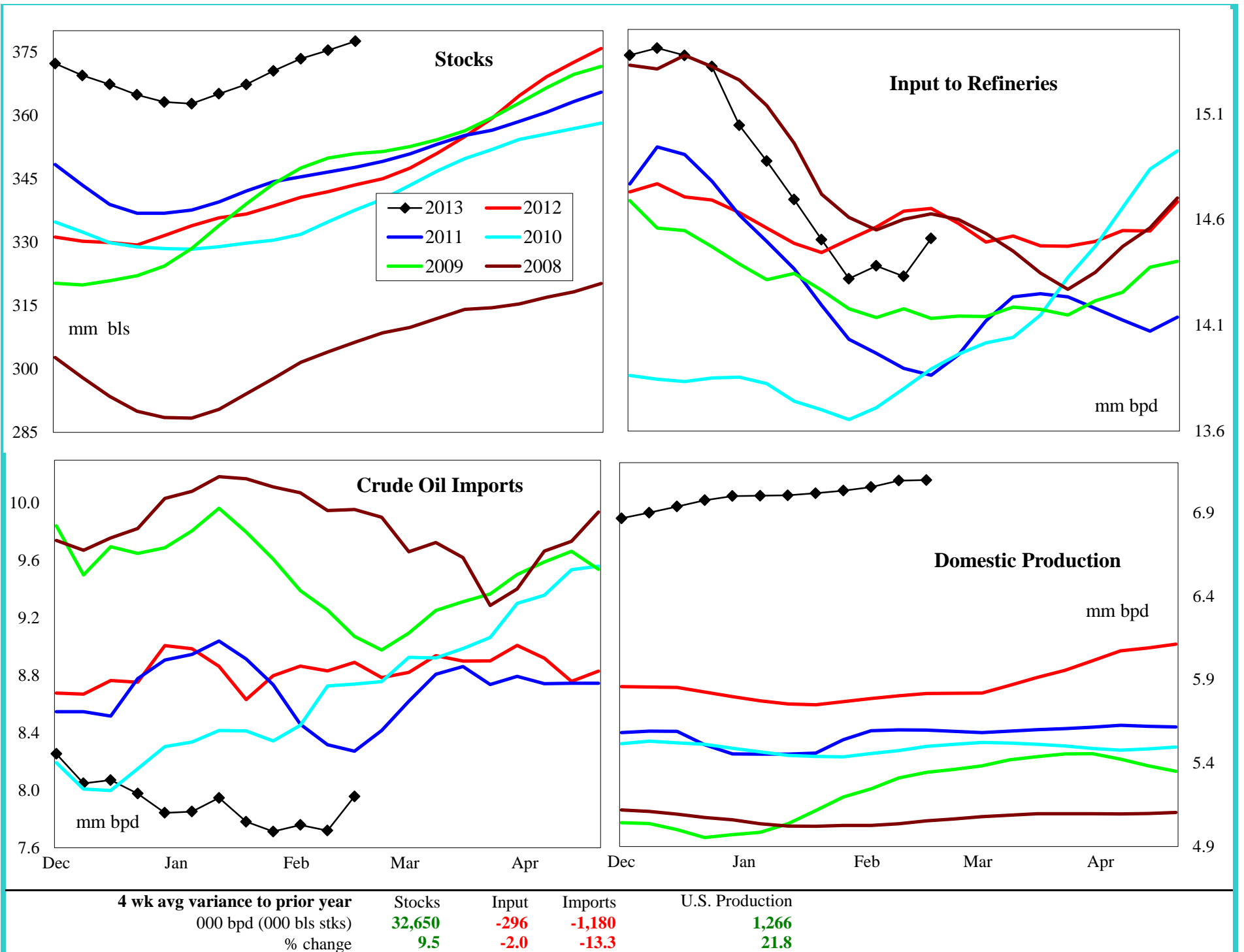
Jet Fuel Imports by PADD



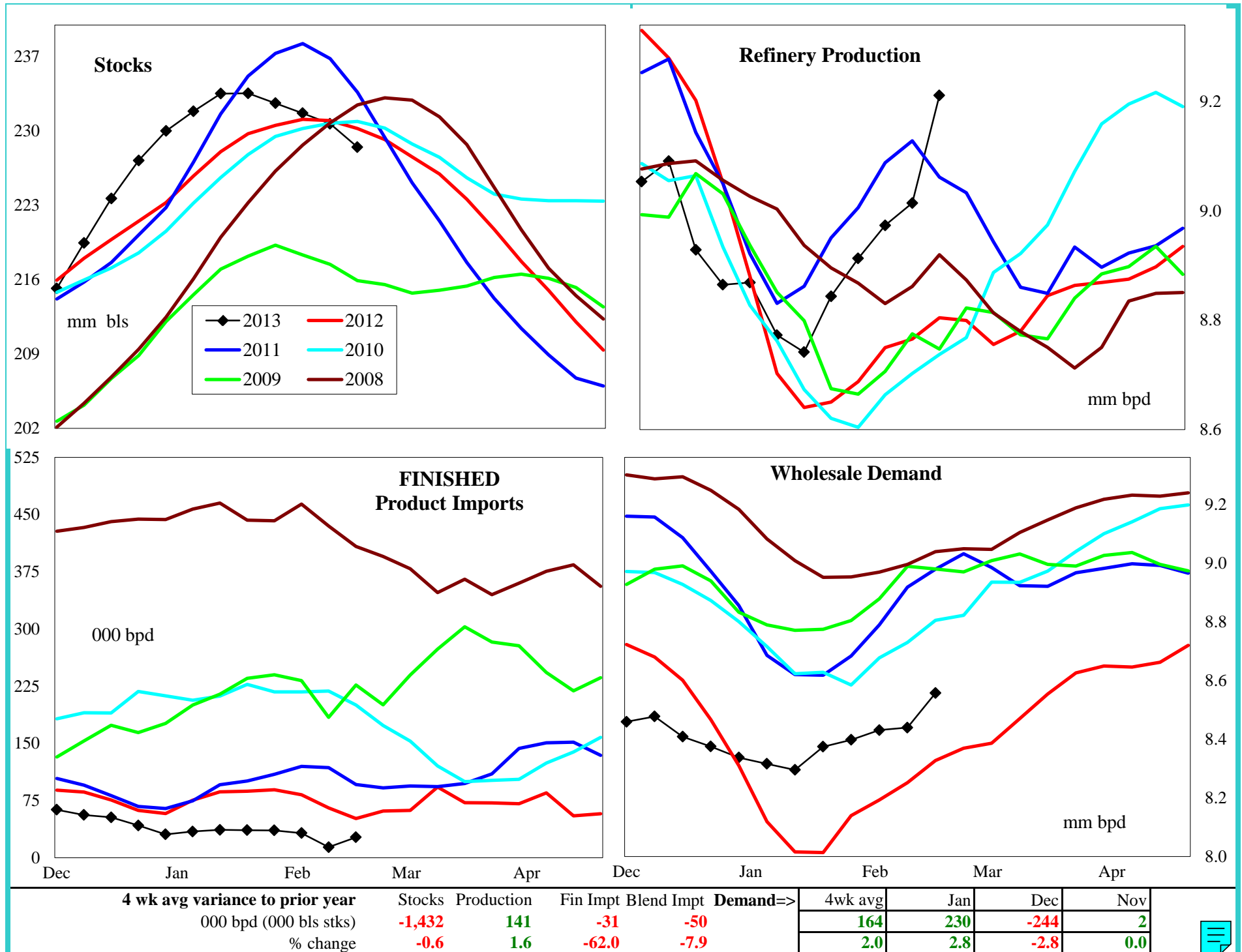
Residual Fuel Oil Imports by PADD



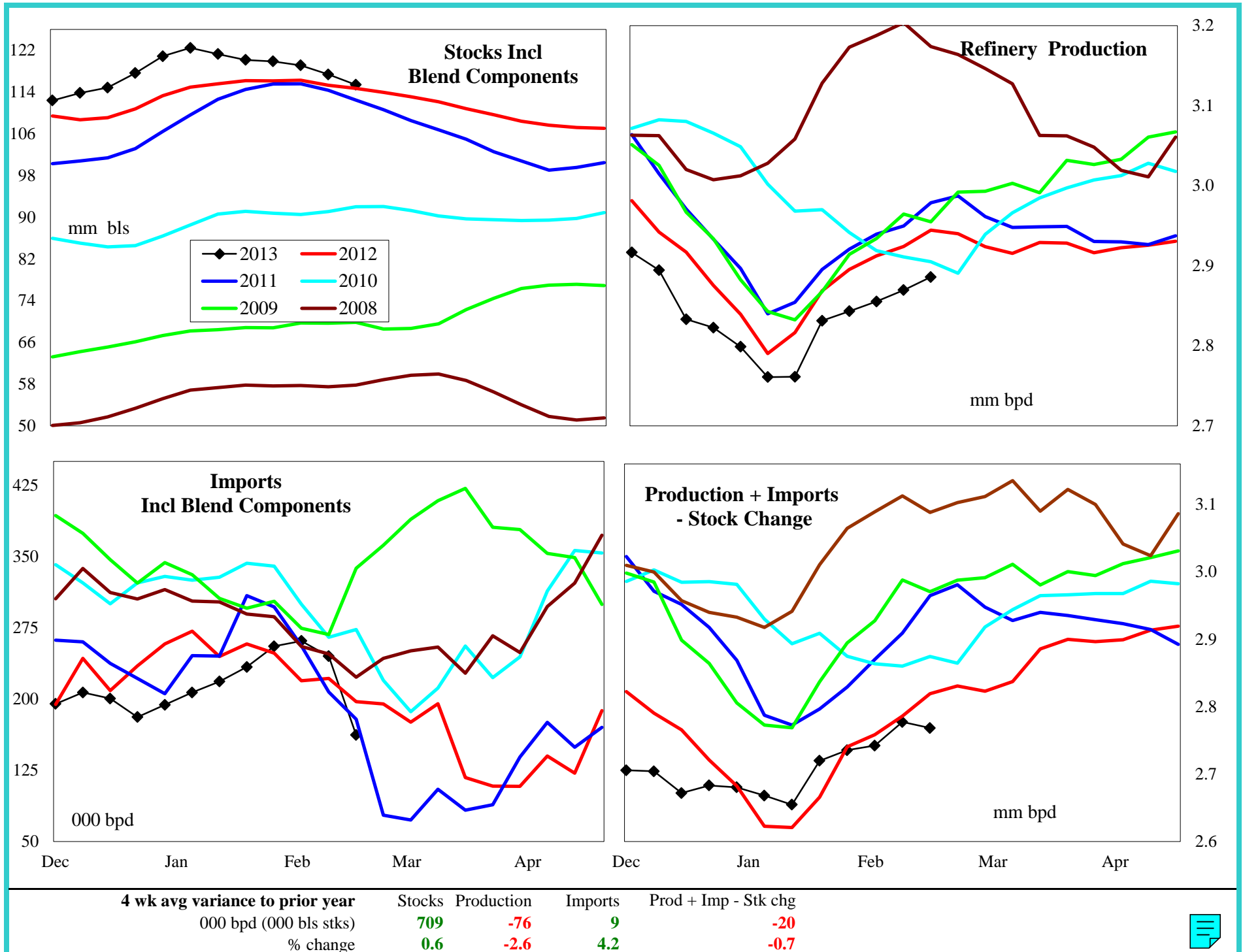
United States Crude Oil Supply and Demand Balance



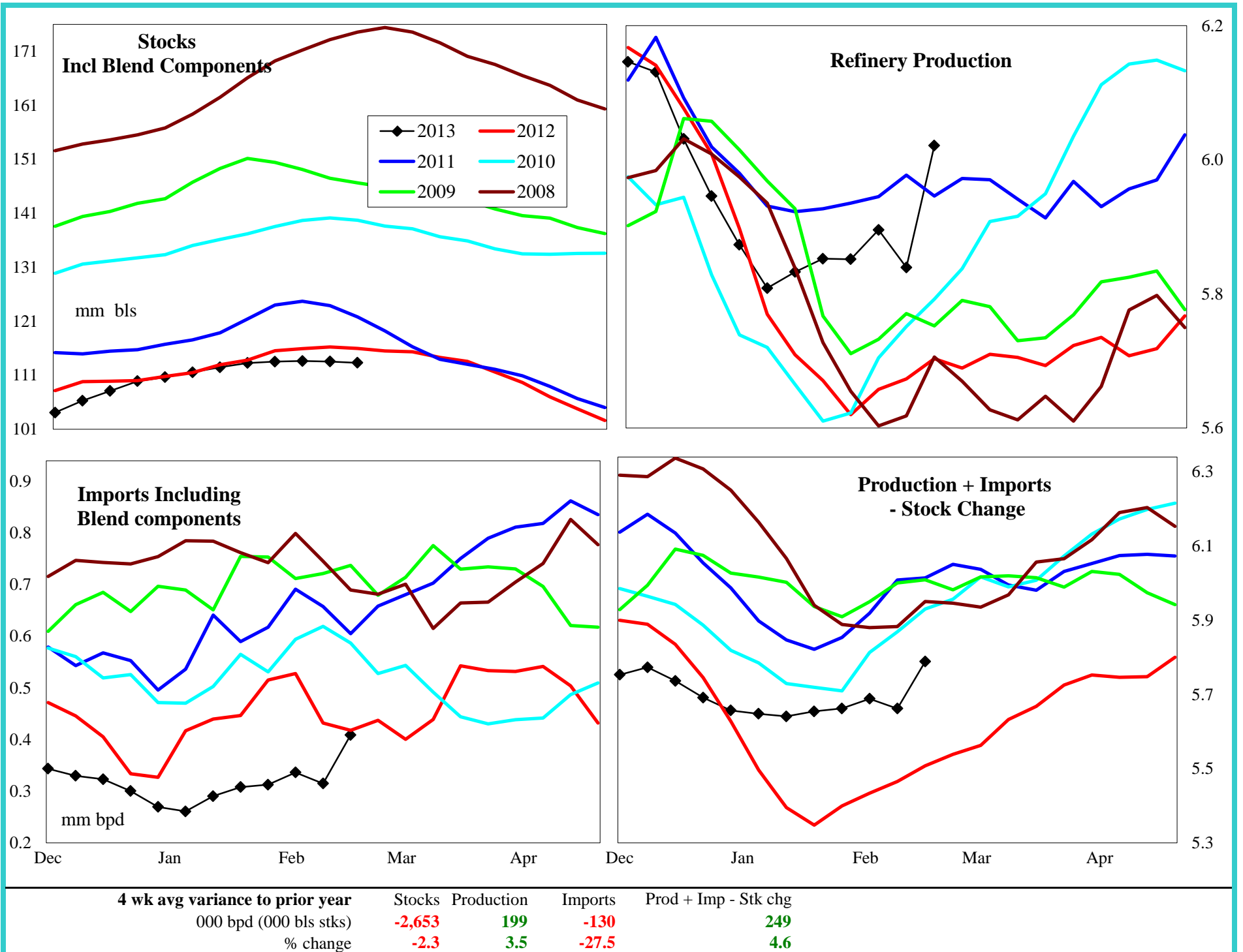
United States Gasoline Supply and Demand Balance



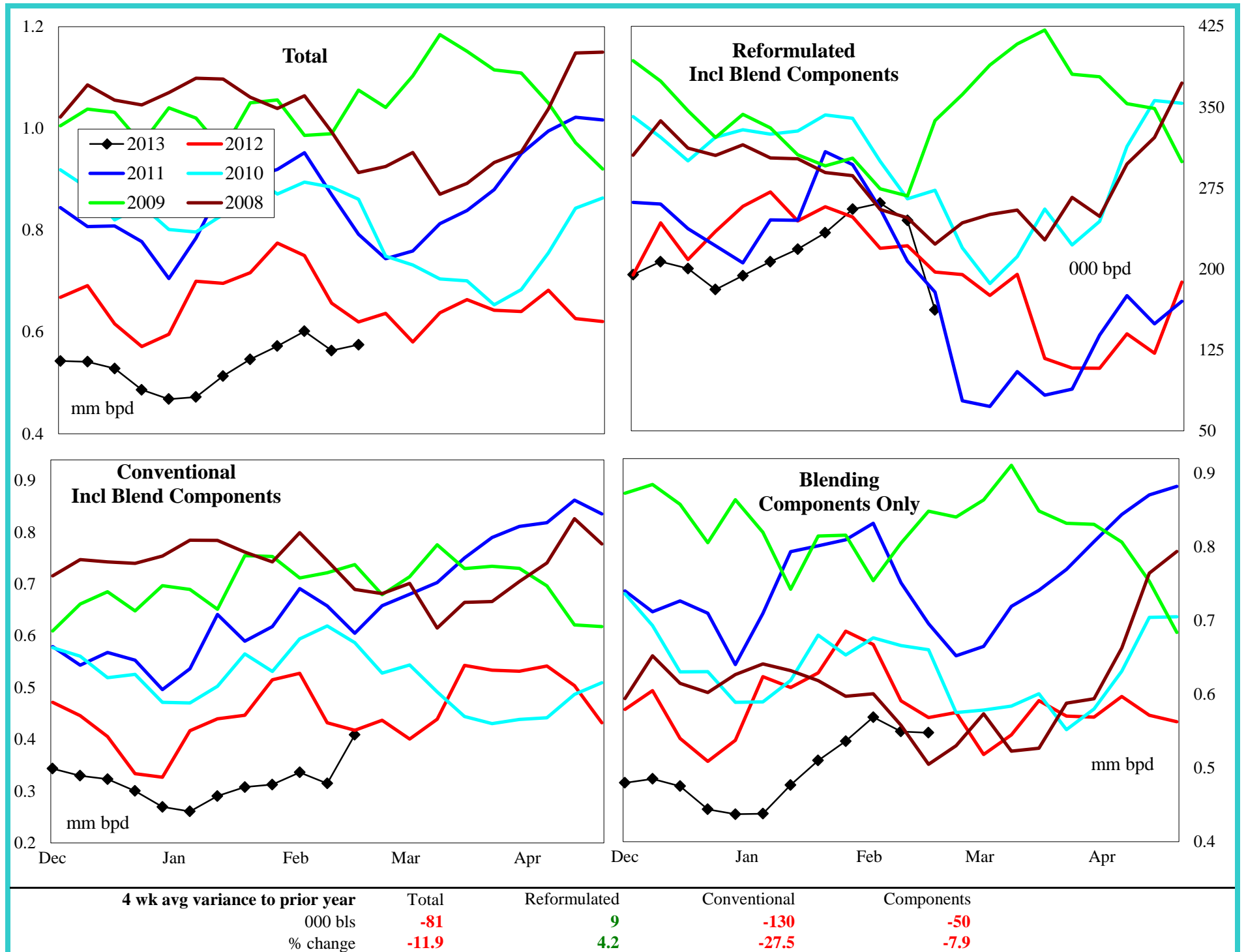
United States Reformulated Gasoline Supply



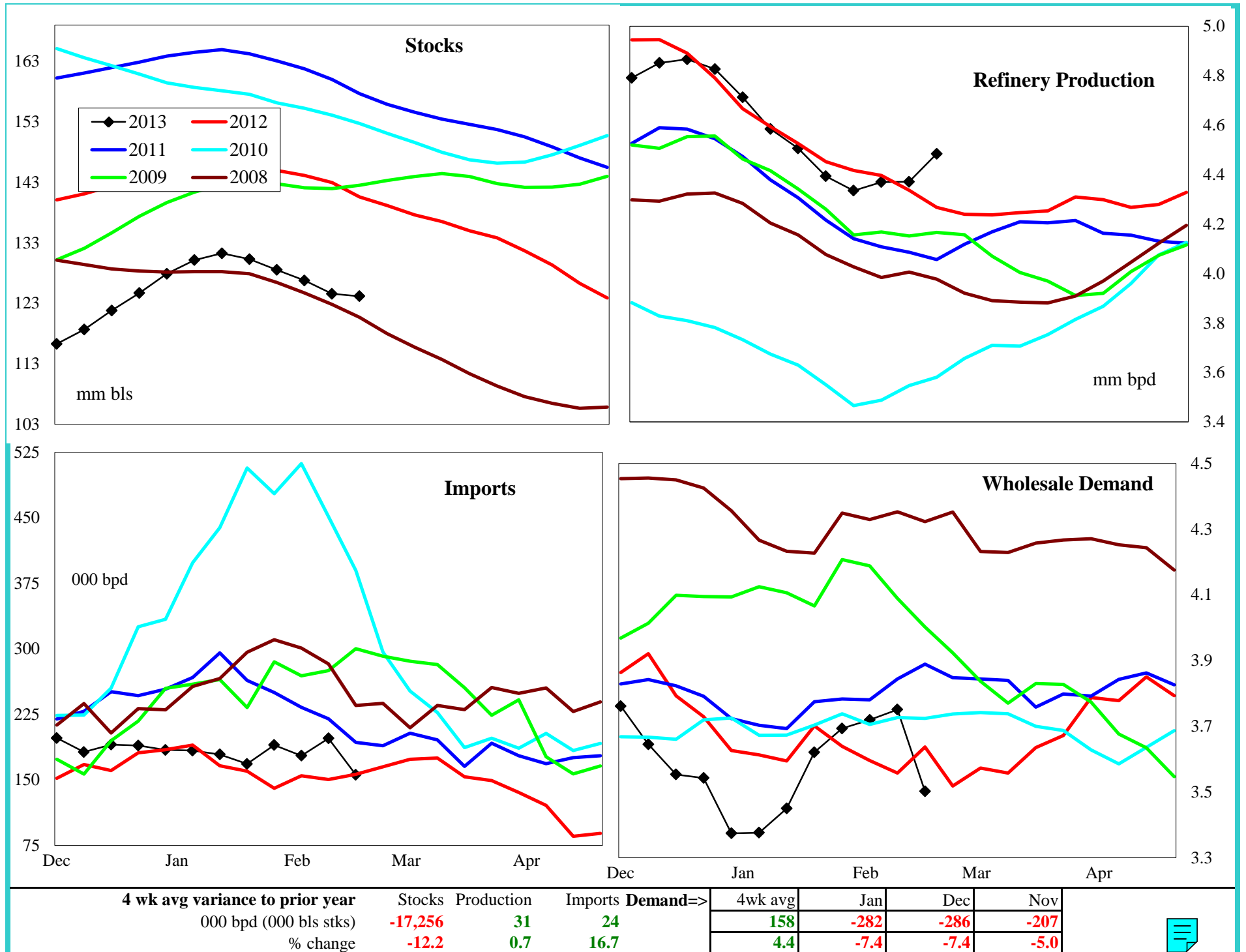
United States Conventional Gasoline Supply



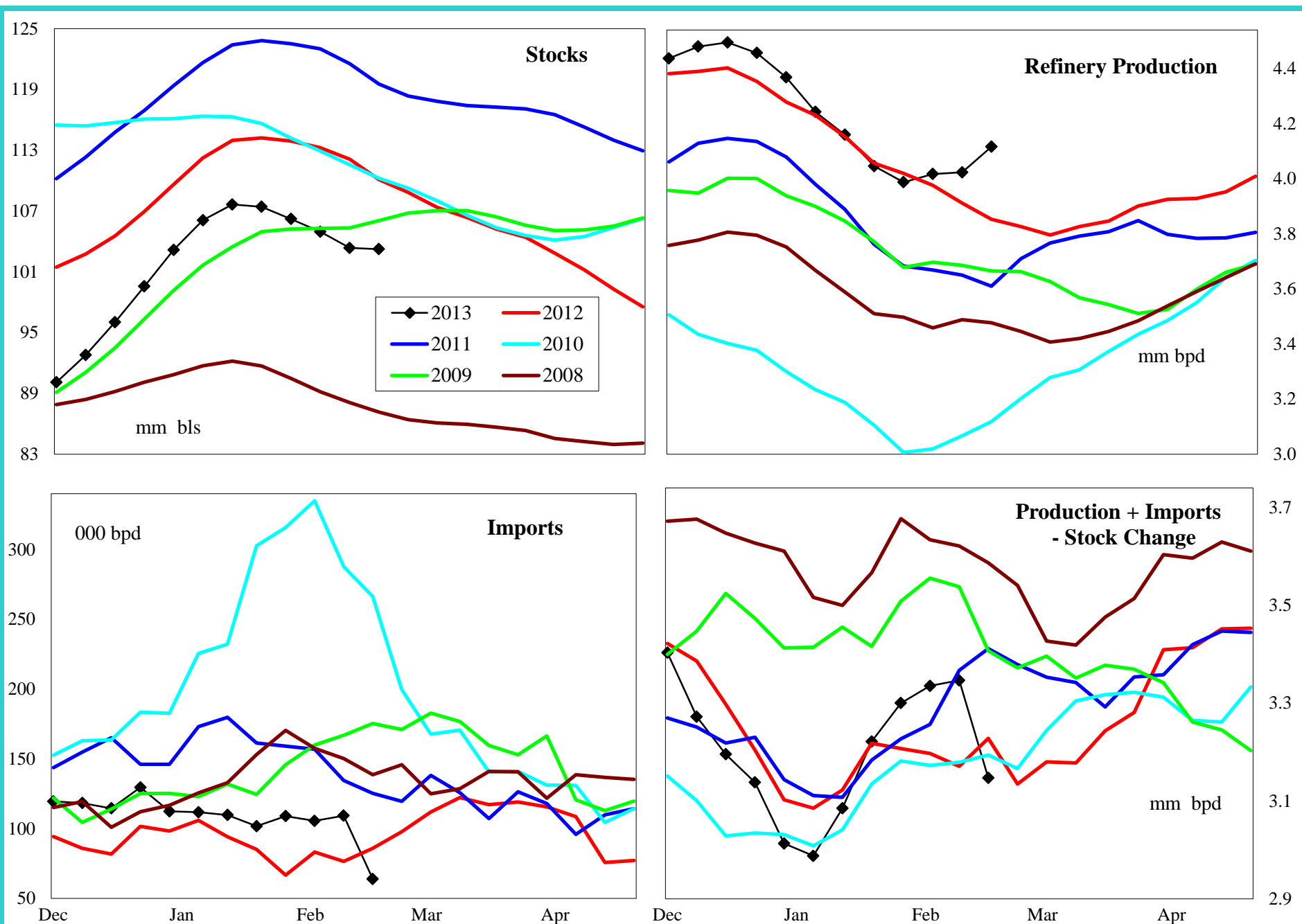
United States Gasoline Imports by Type



United States Distillate Supply and Demand Balance



United States Low Sulfur Distillate Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-6,934

-6.3

Production

101

2.6

Imports

24

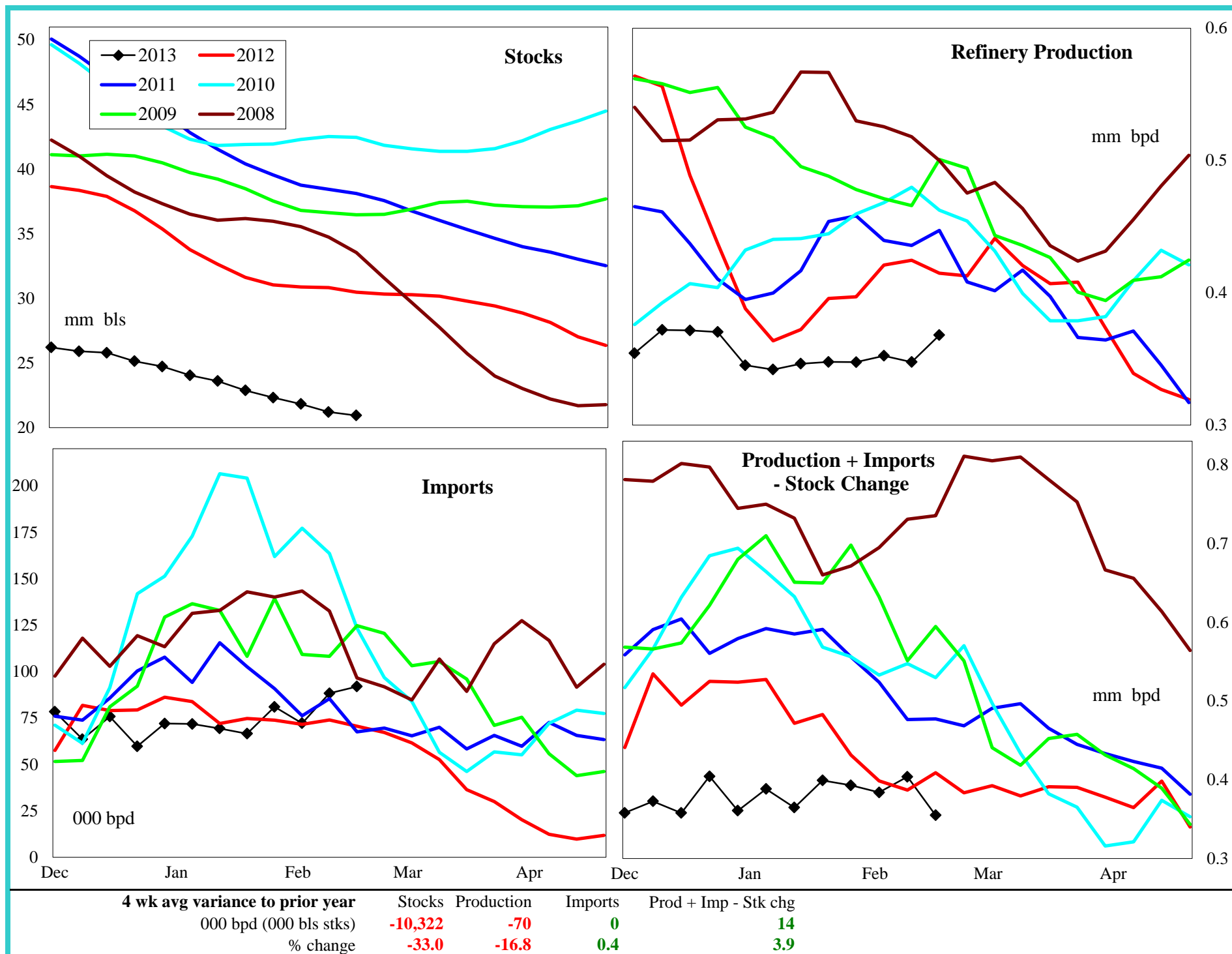
32.1

Prod + Imp - Stk chg

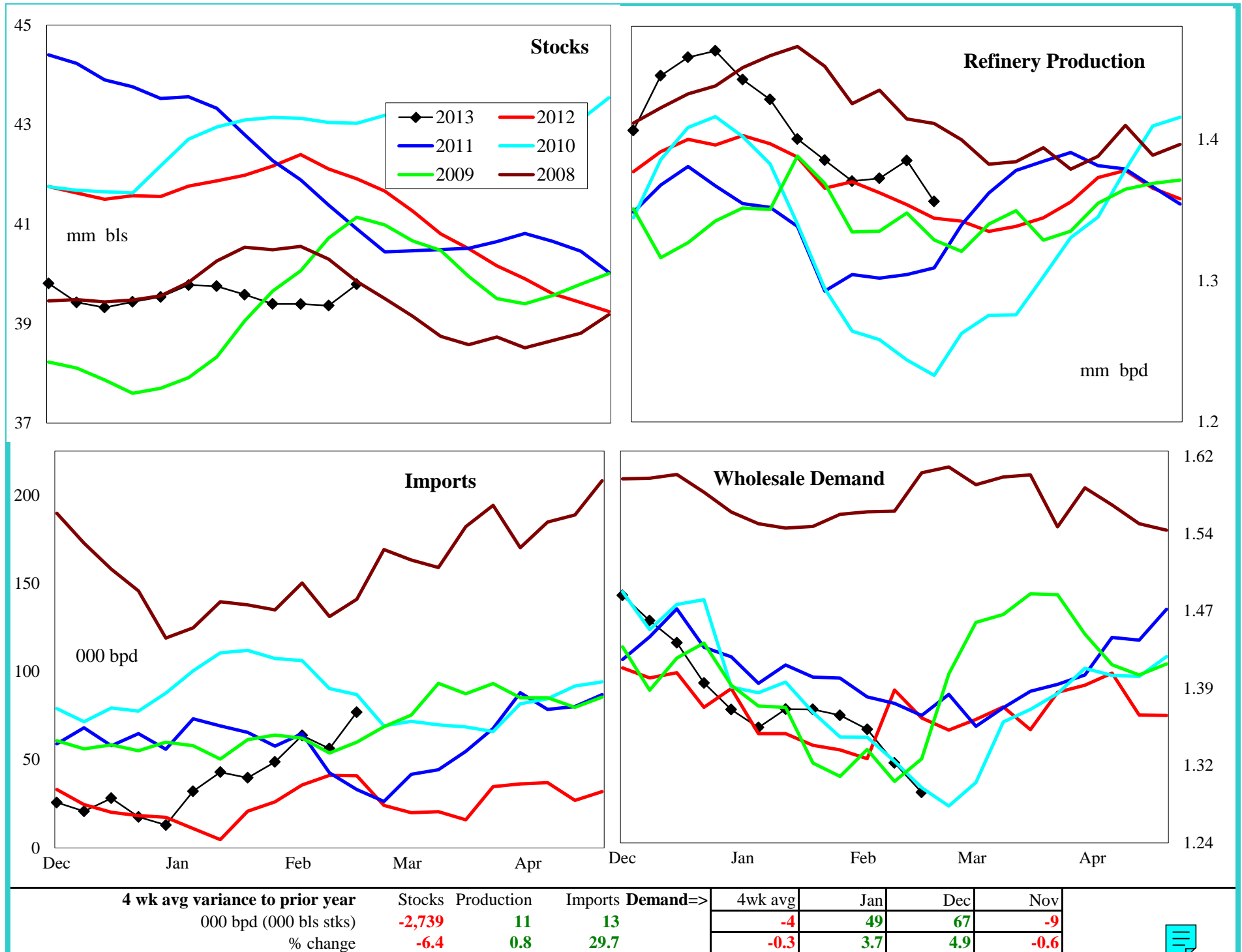
144

4.5

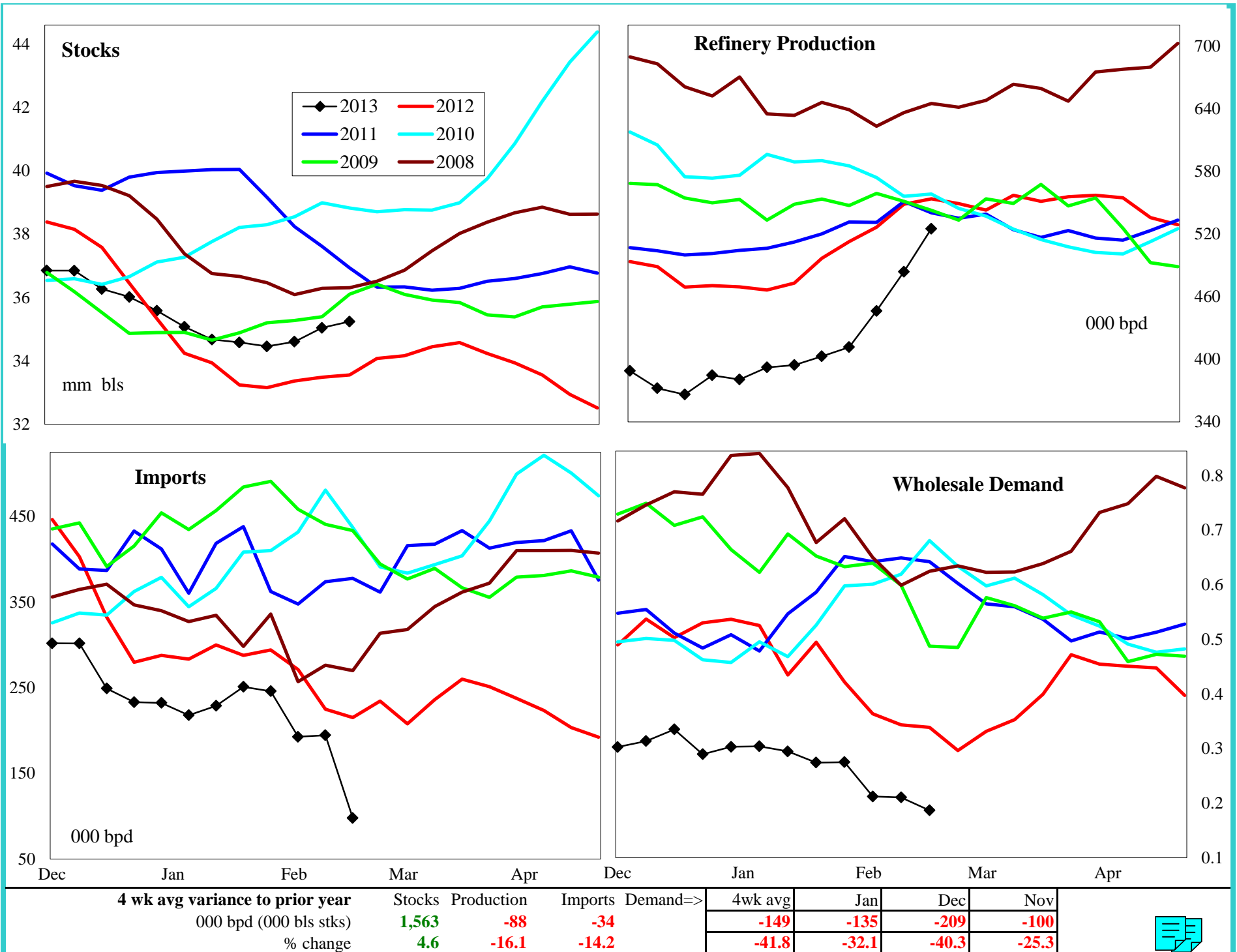
United States High Sulfur Distillate Supply



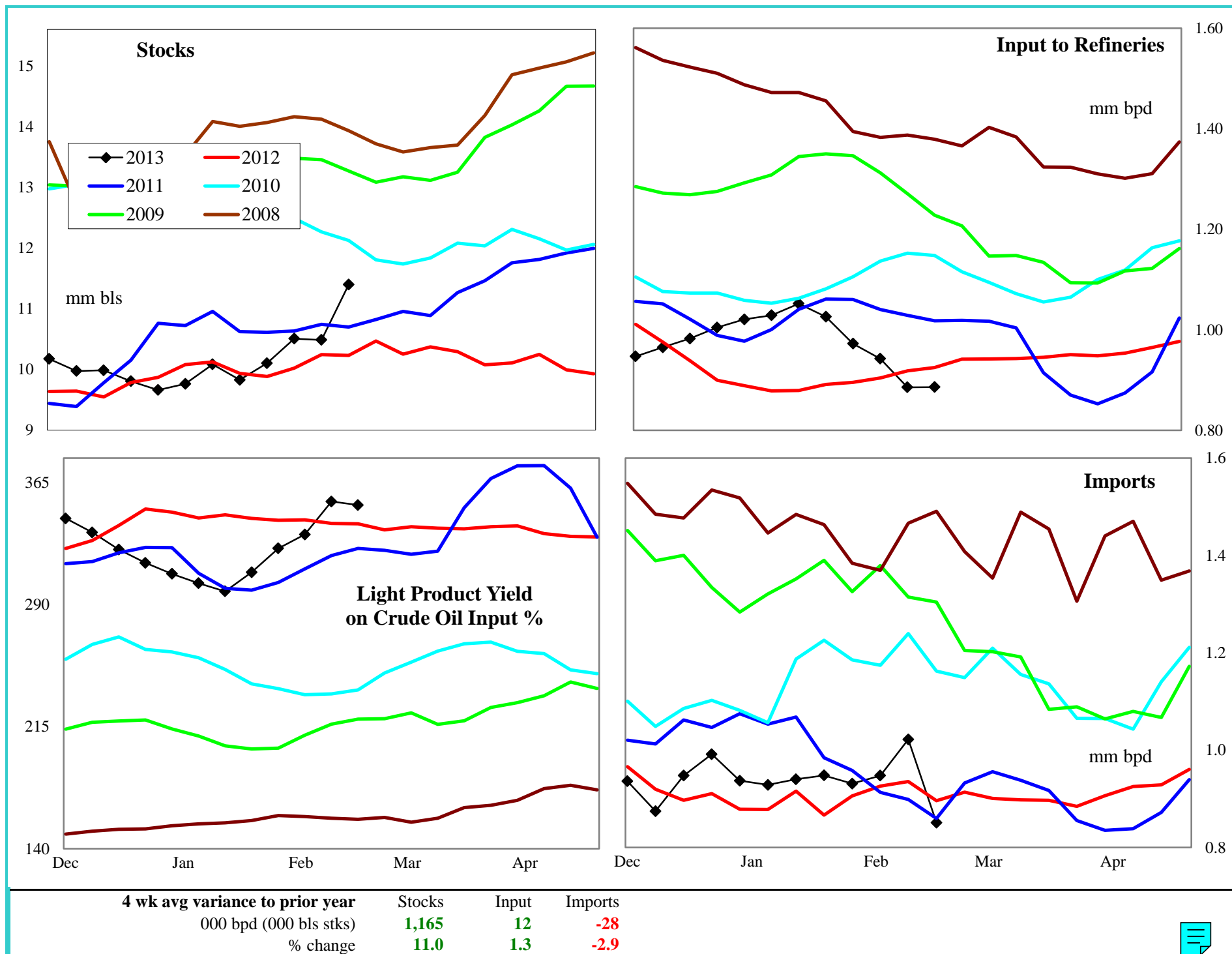
United States Jet Fuel Supply and Demand Balance



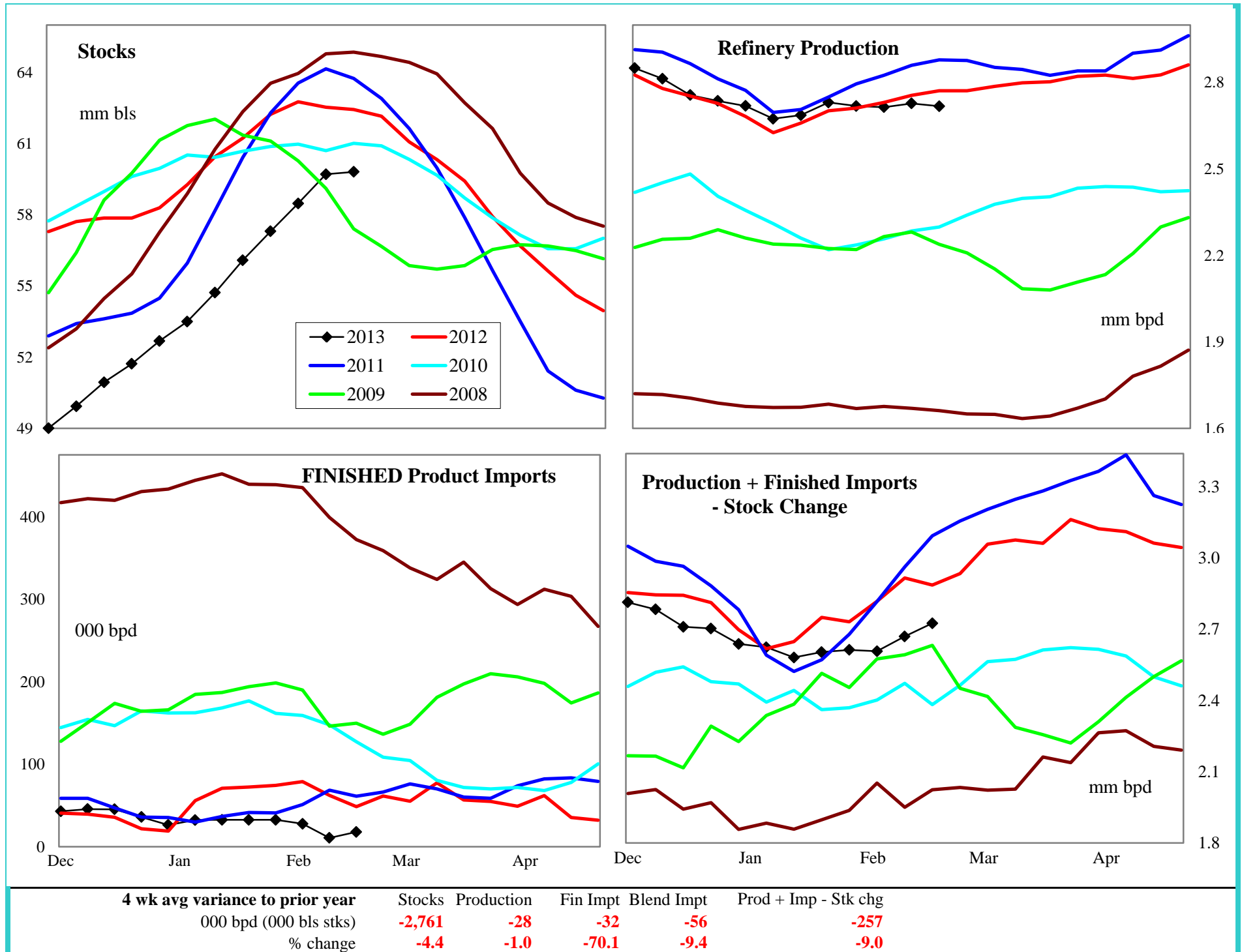
United States Residual Fuel Oil Supply and Demand Balance



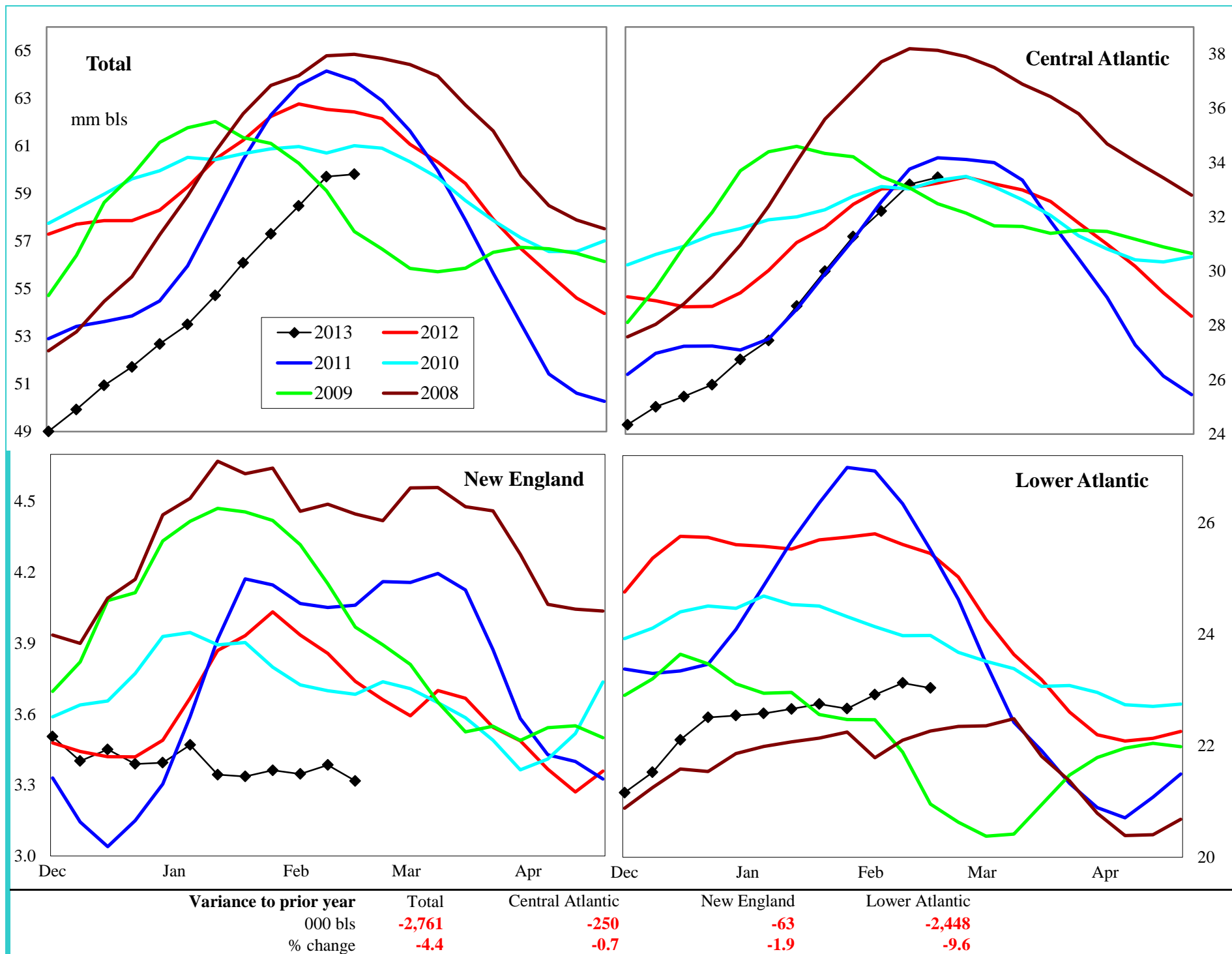
PADD 1 Crude Oil Supply and Refining



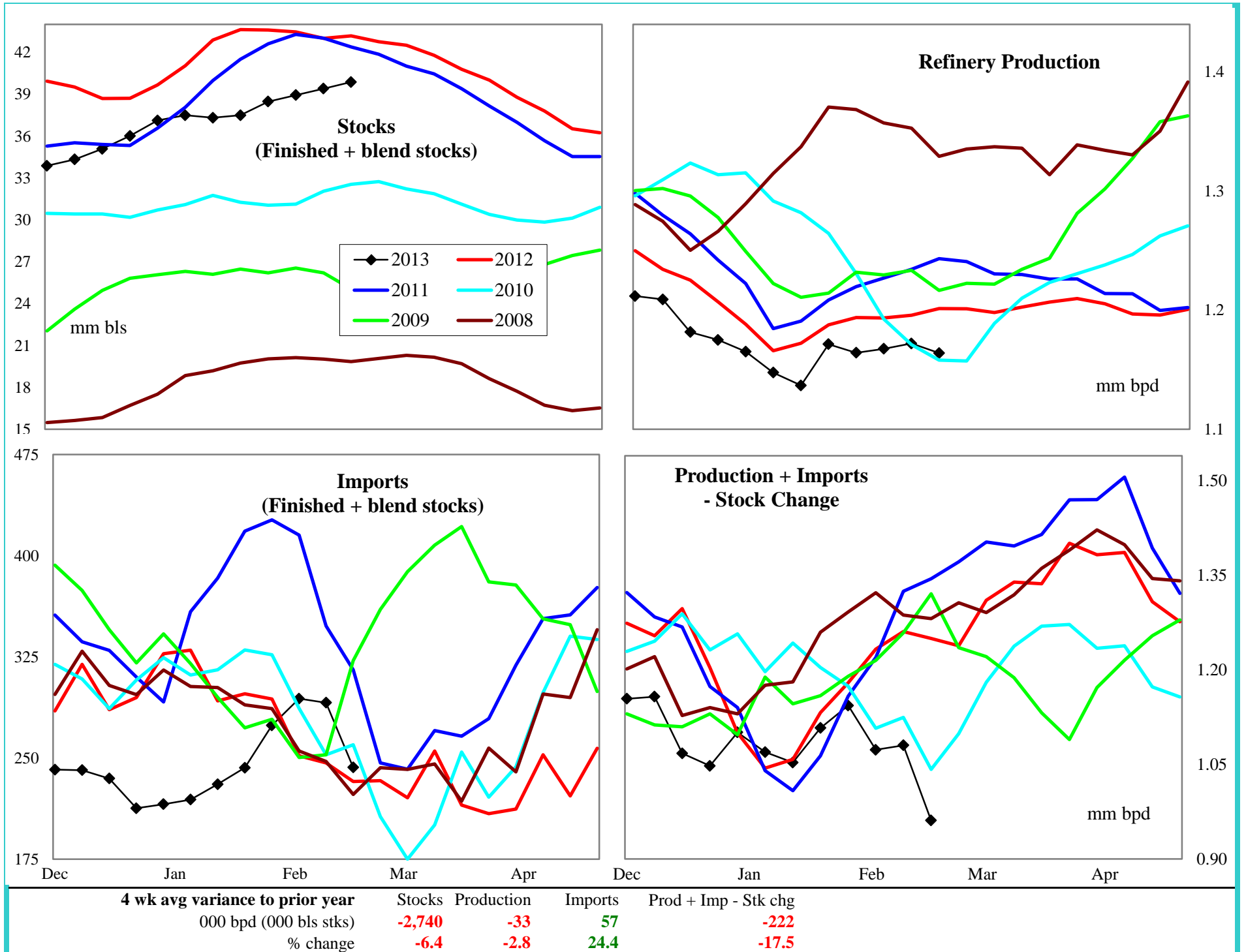
PADD 1 Gasoline Supply



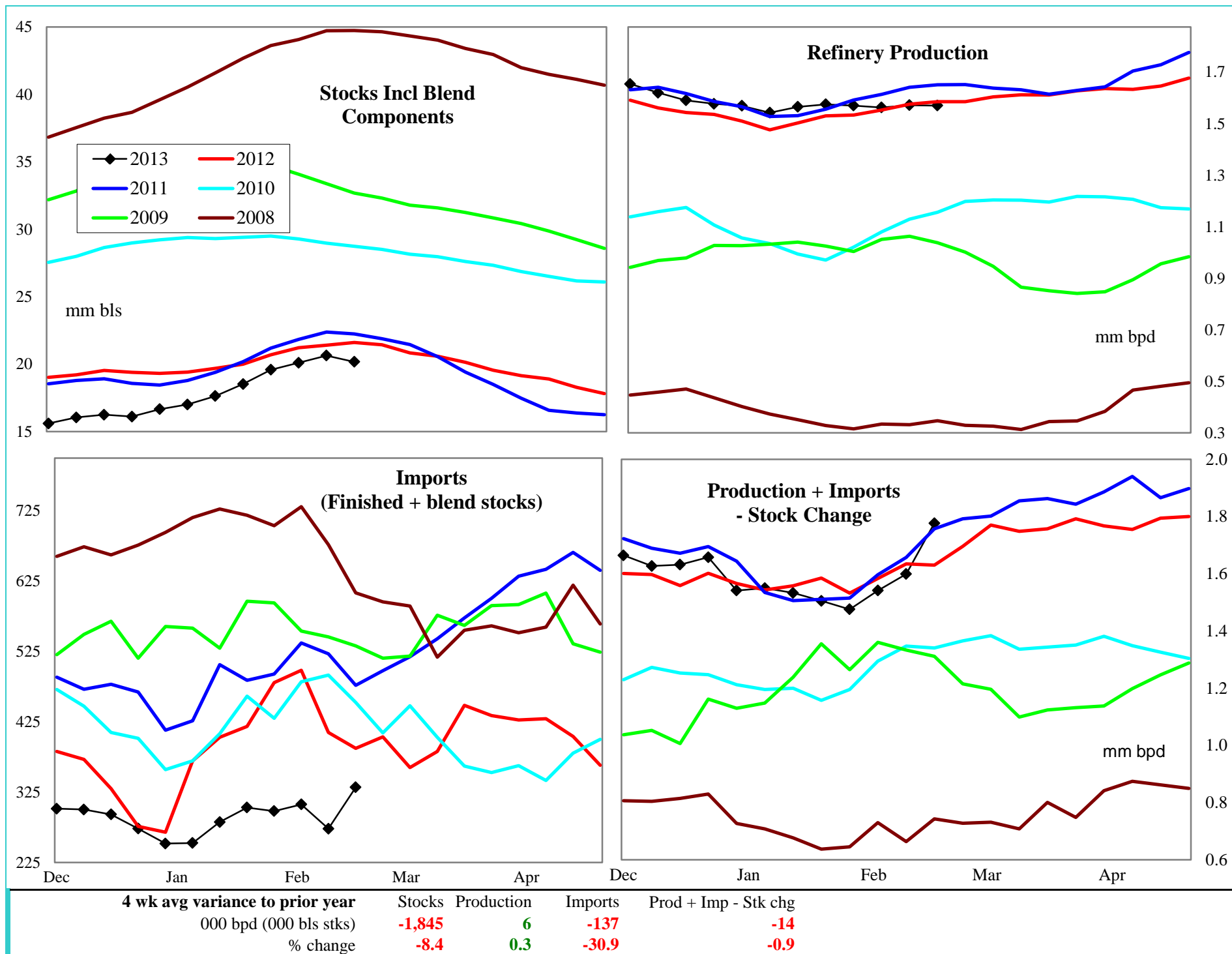
PADD 1 Gasoline Stocks by Region



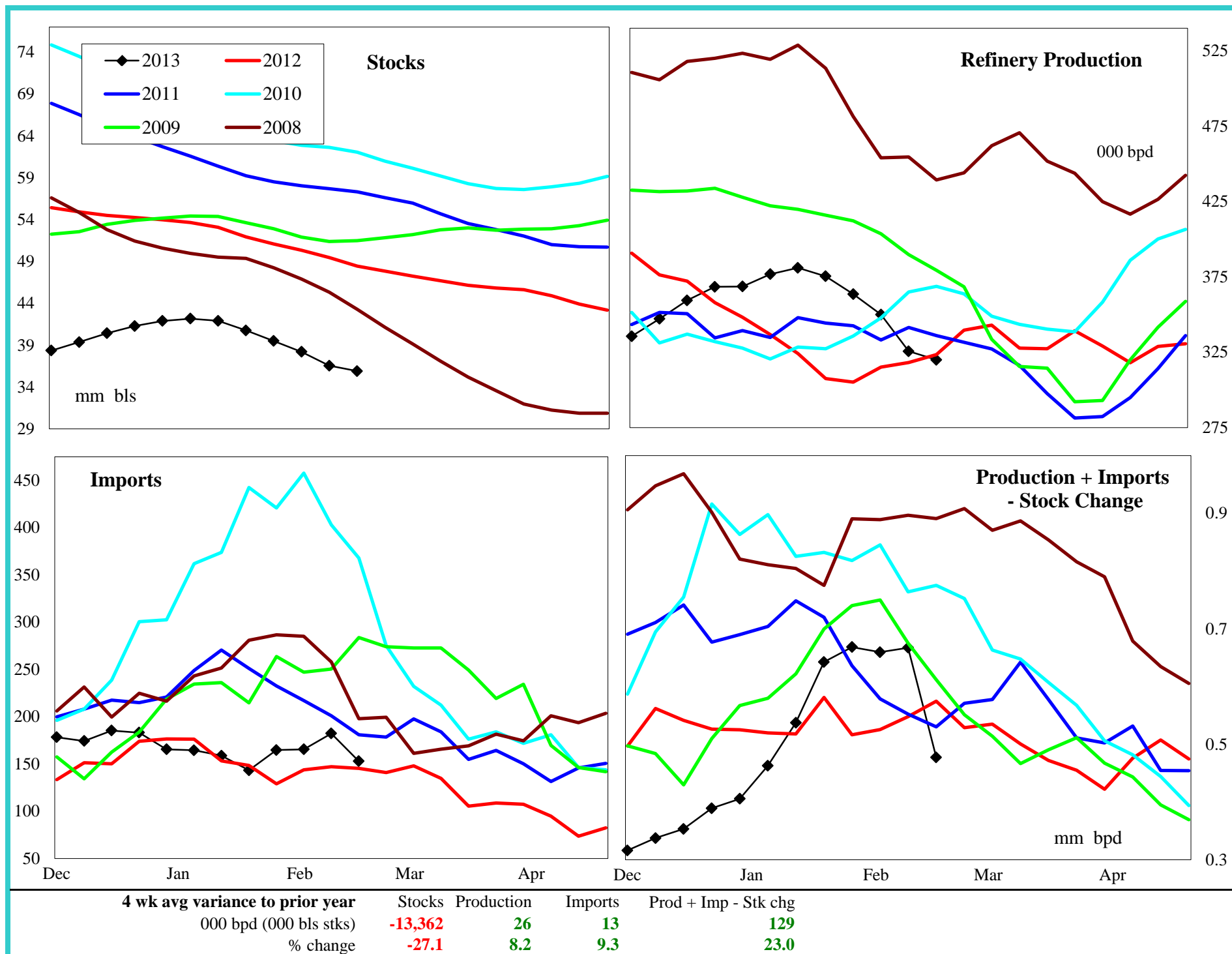
PADD 1 Reformulated Gasoline Supply



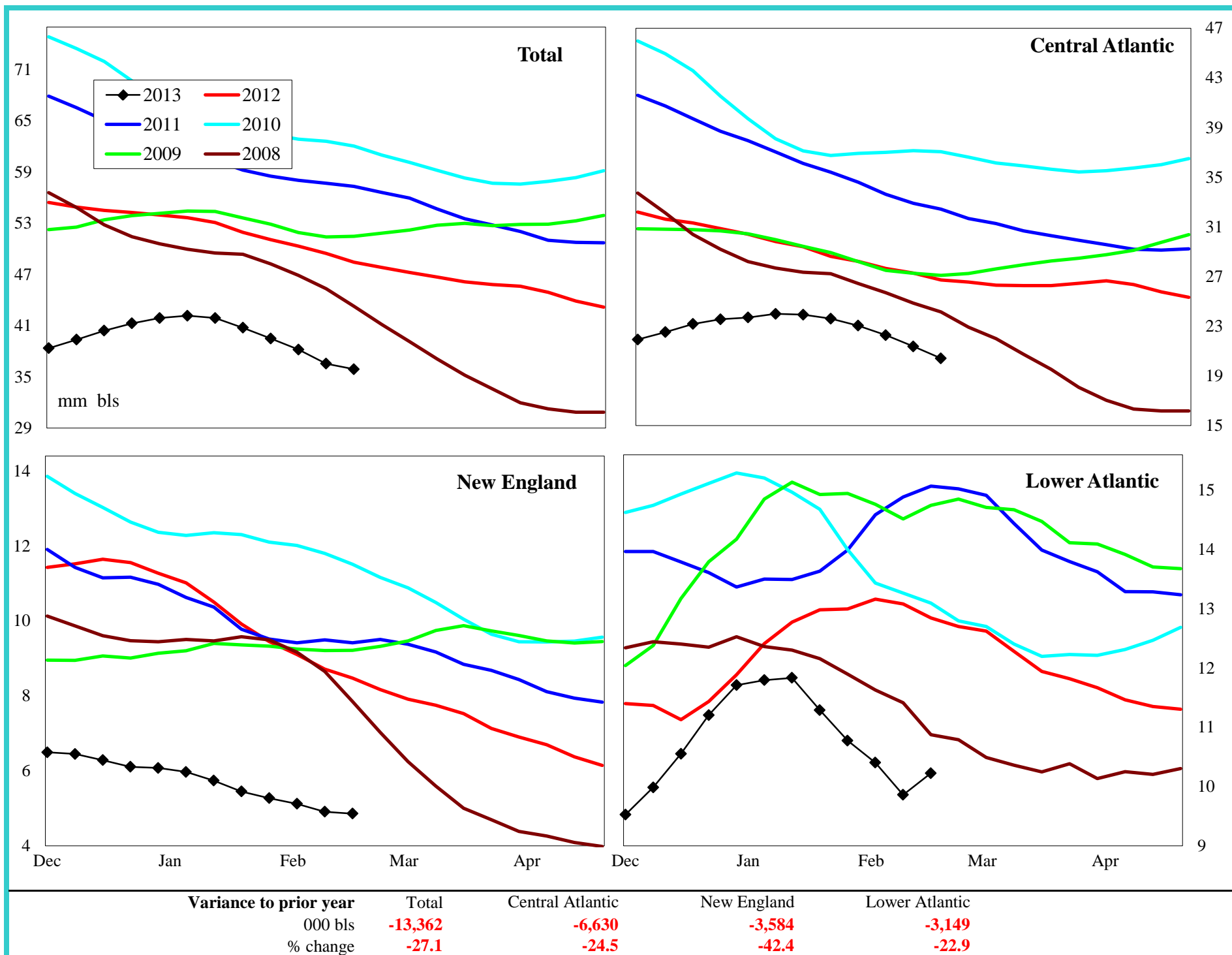
PADD 1 Conventional Gasoline Supply



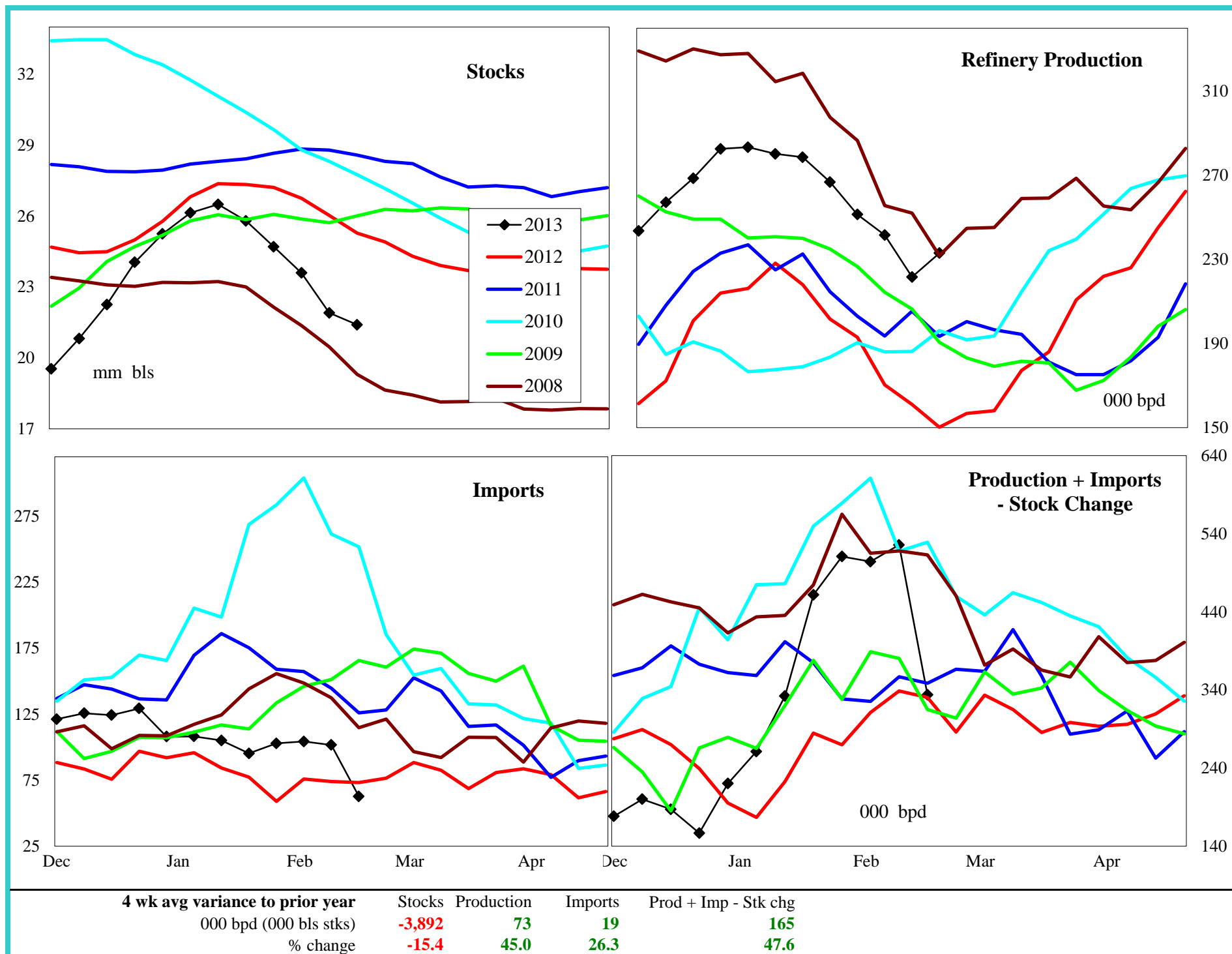
PADD 1 Distillate Supply



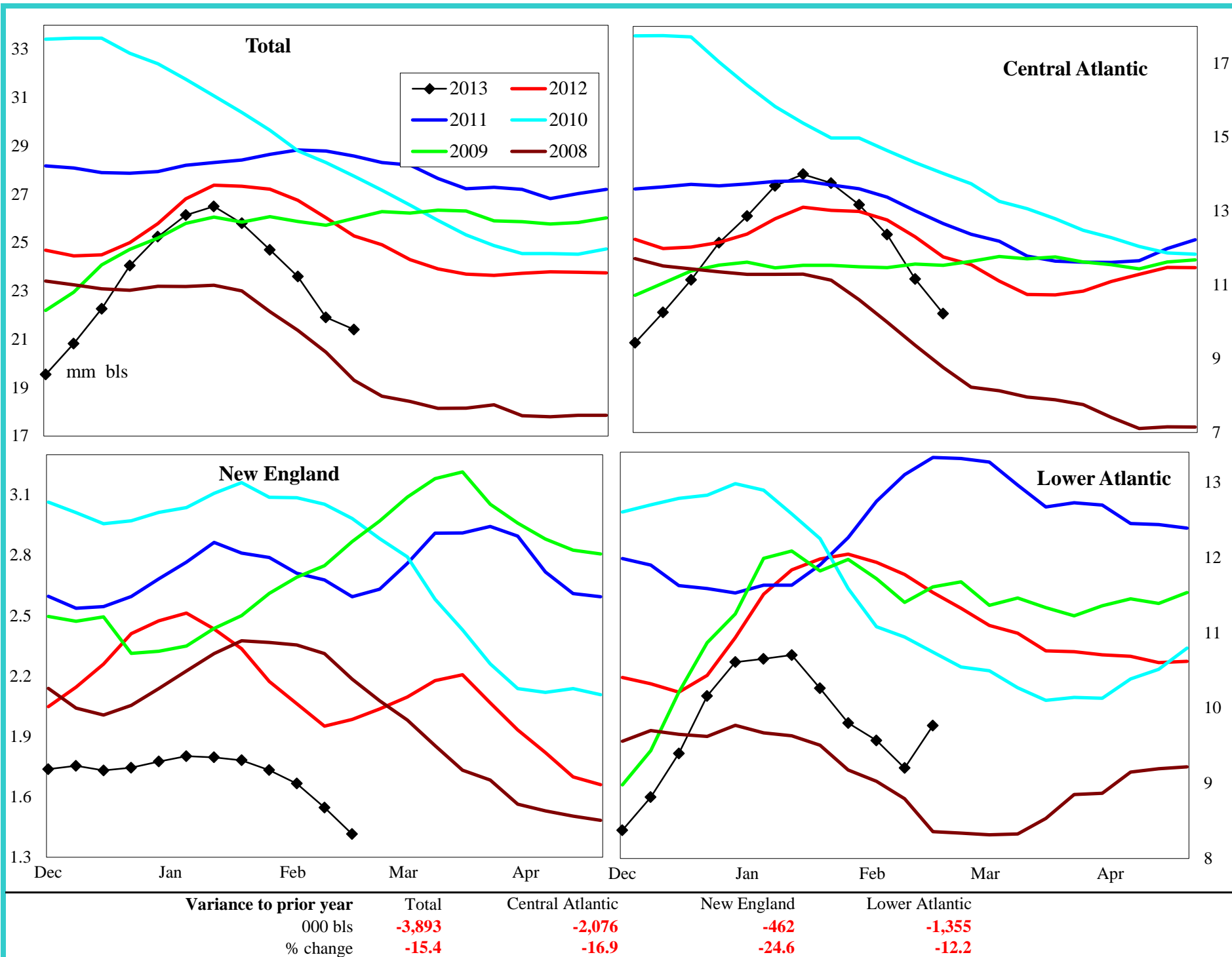
PADD 1 Distillate Stocks by Region



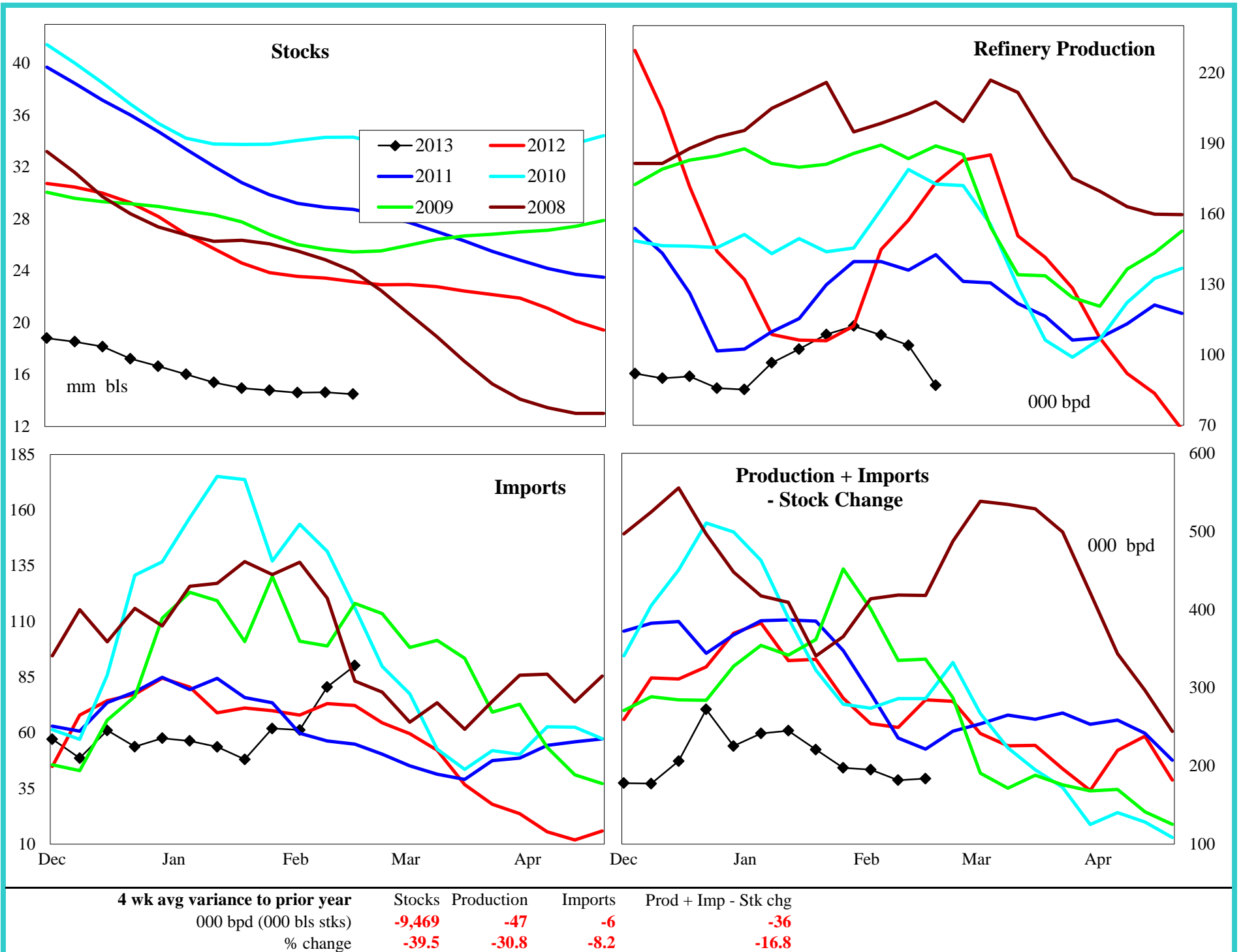
PADD 1 Low Sulfur Distillate Supply



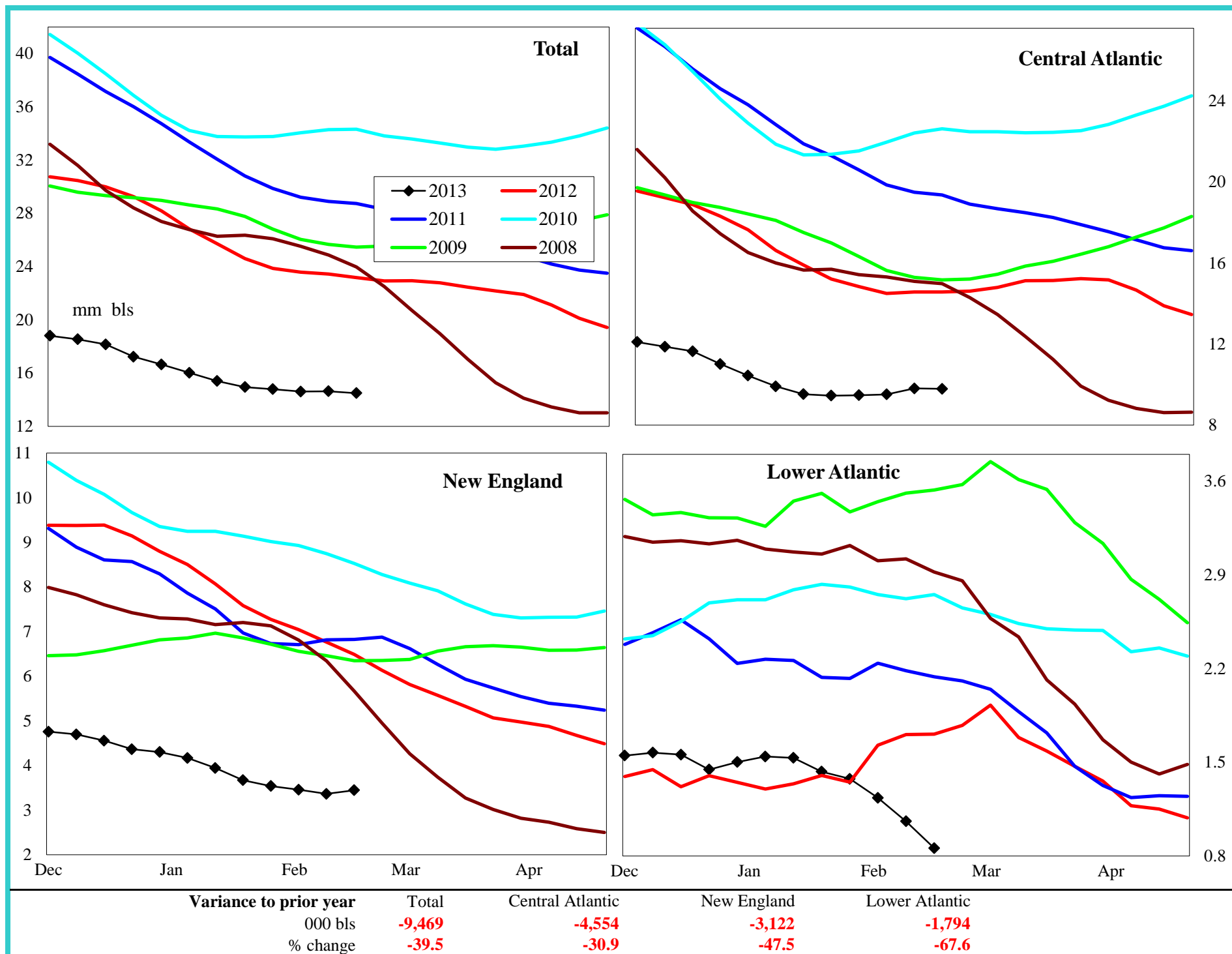
PADD 1 Low Sulfur Distillate Stocks by Region



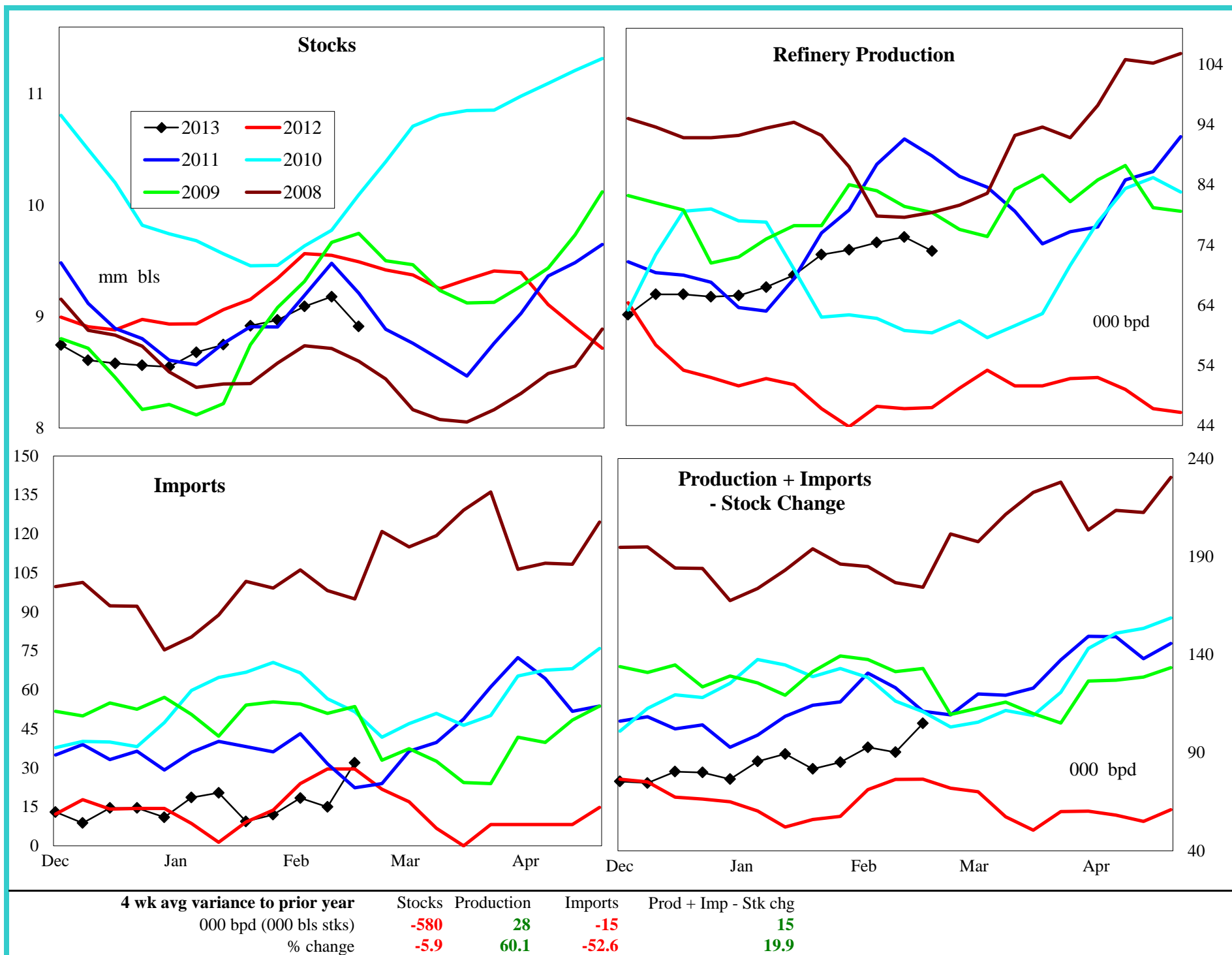
PADD 1 High Sulfur Distillate Supply



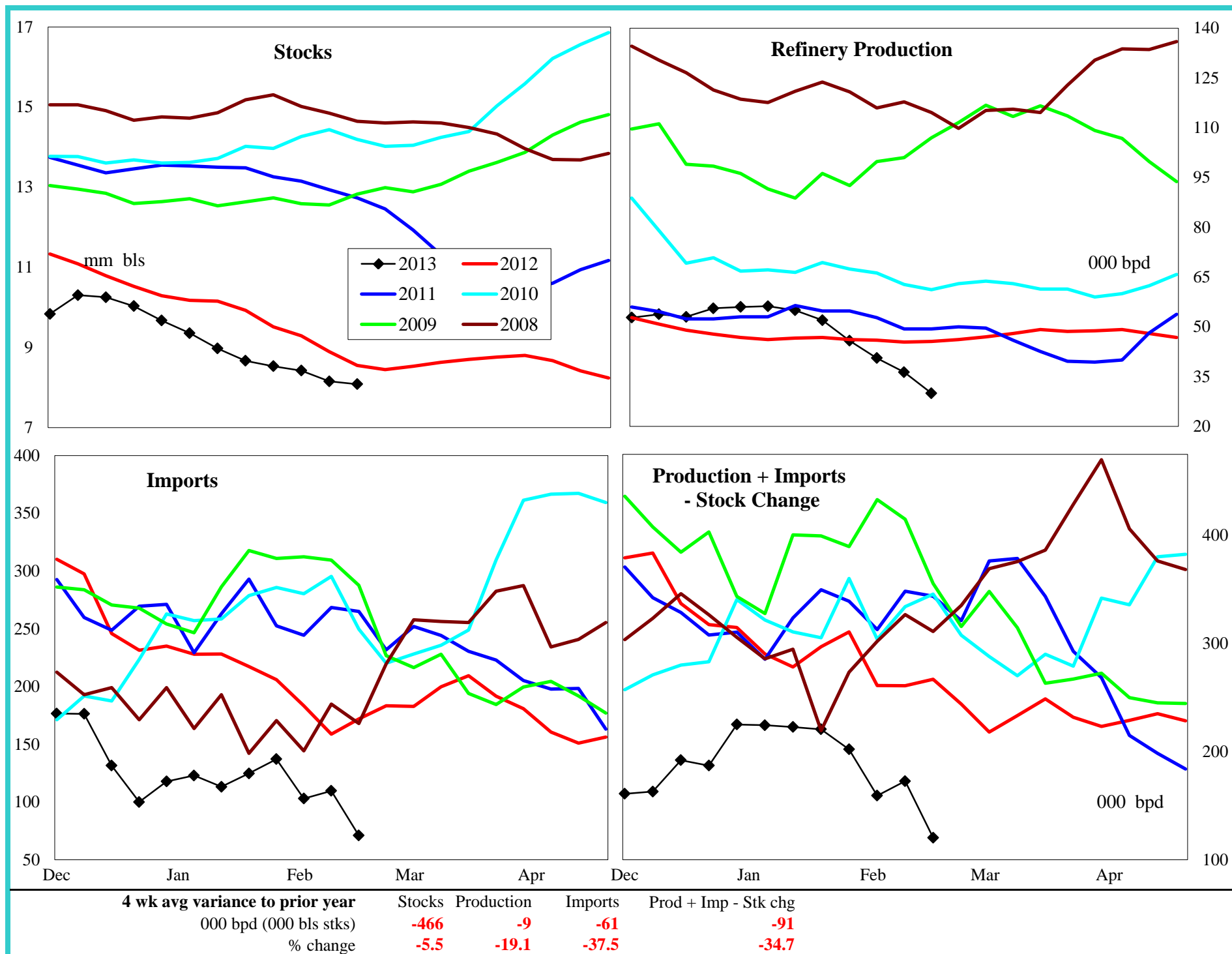
PADD 1 High Sulfur Distillate Stocks by Region



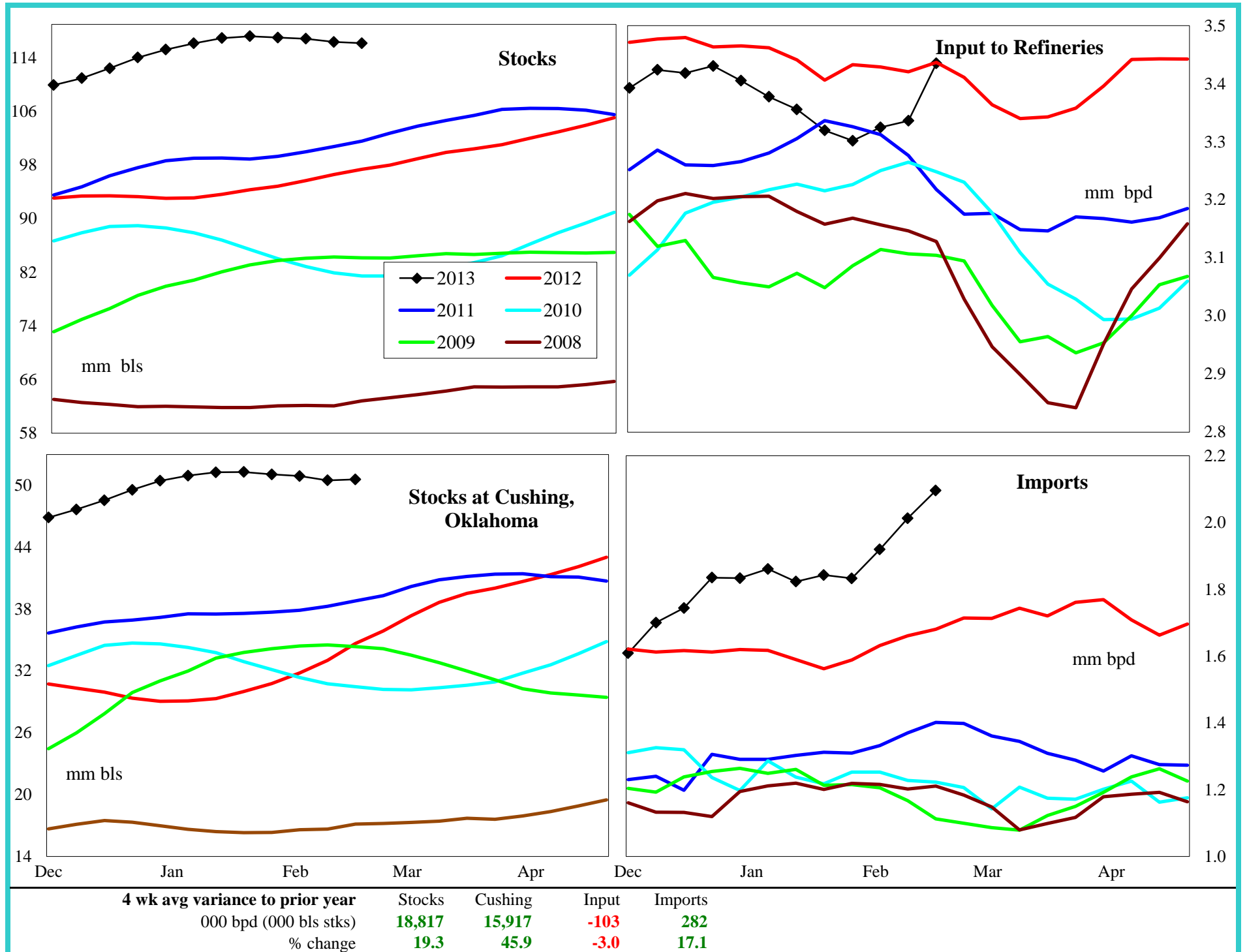
PADD 1 Jet Fuel Supply



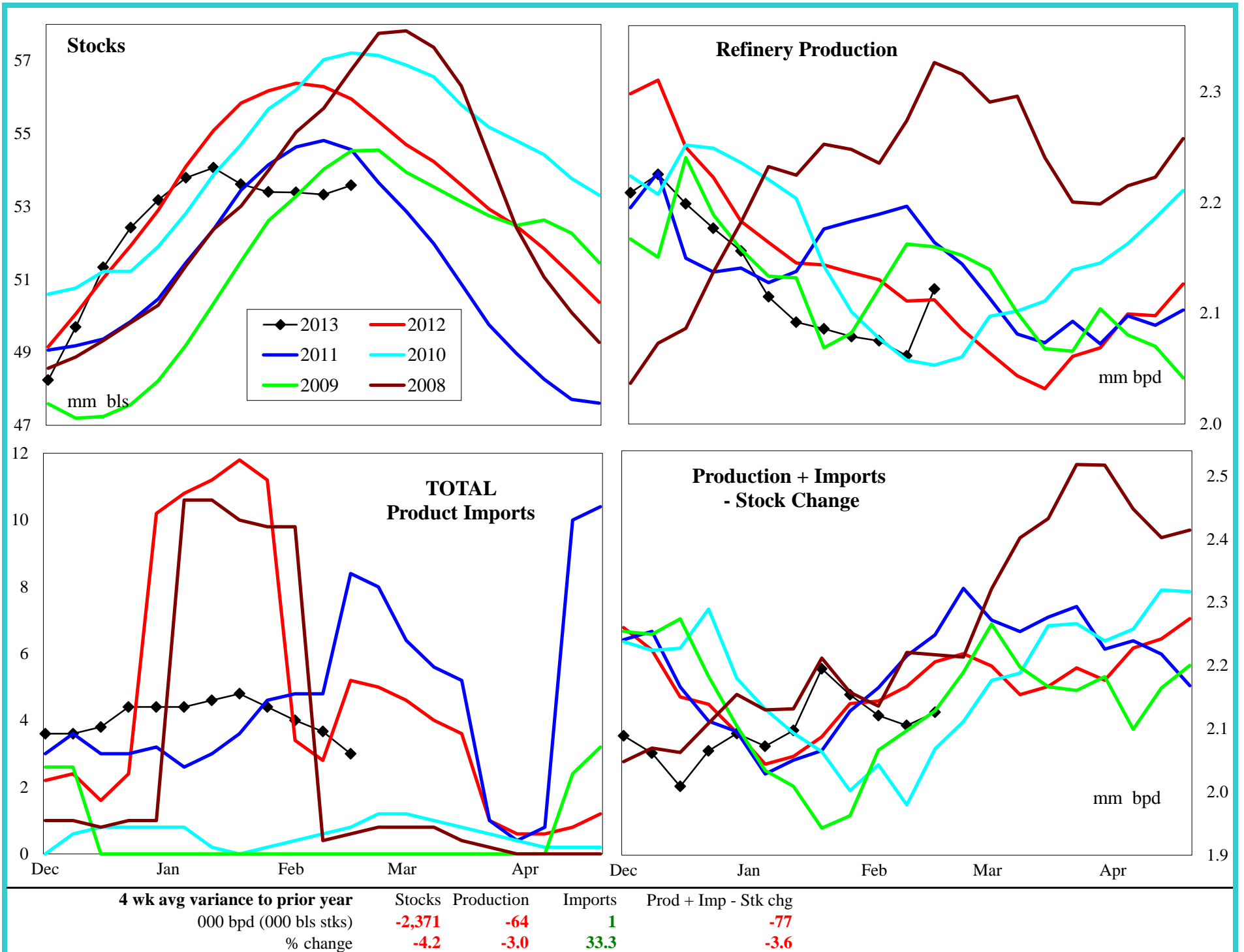
PADD 1 Residual Fuel Oil Supply



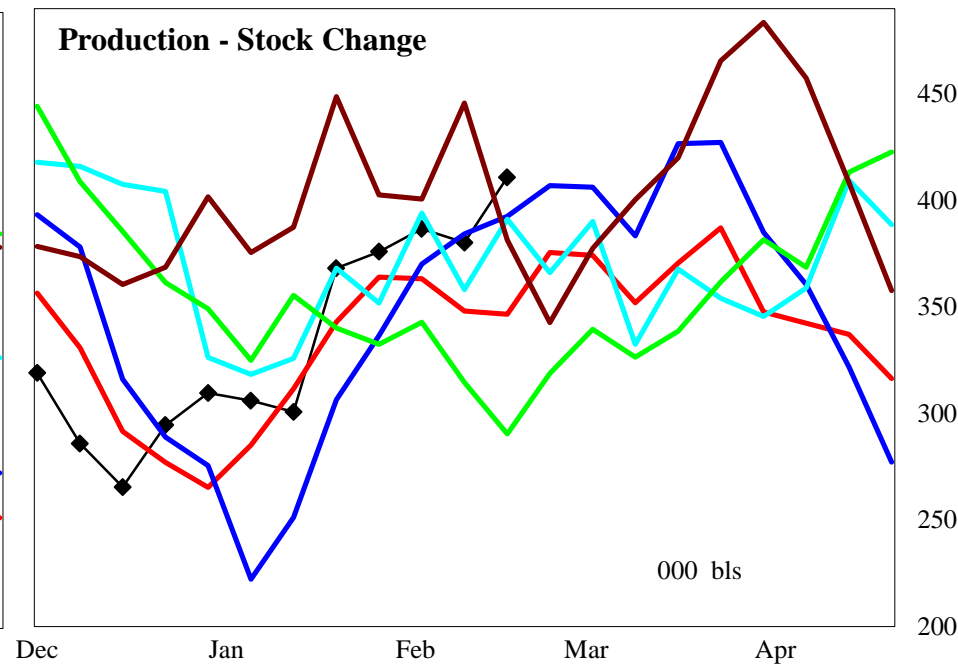
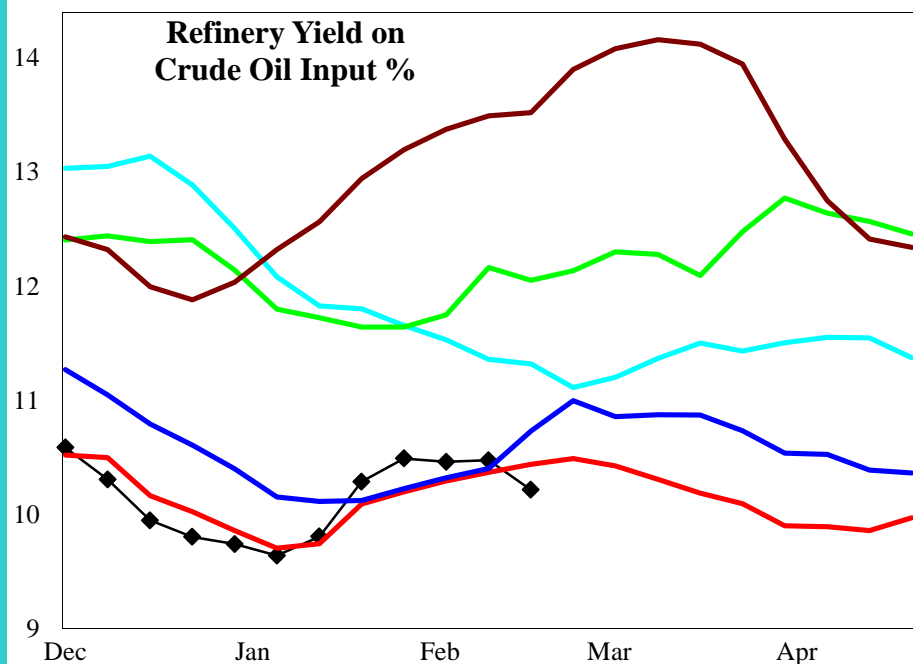
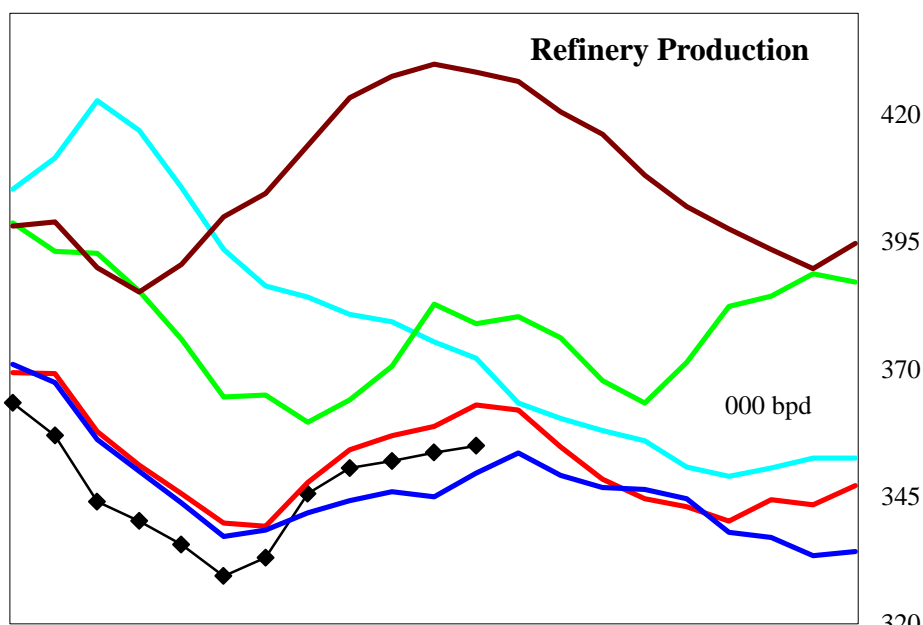
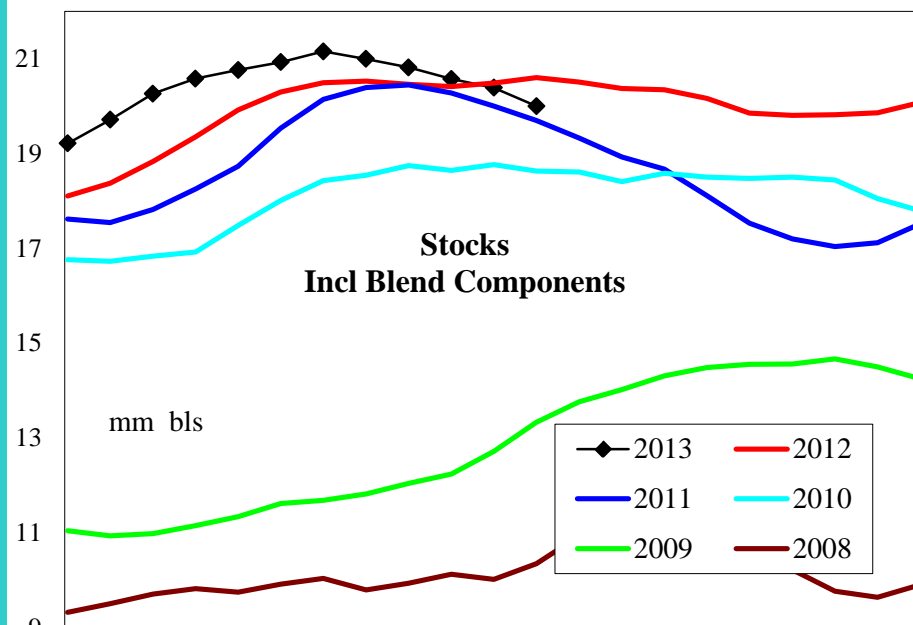
PADD 2 Crude Oil Supply and Refining



PADD 2 Gasoline Supply



PADD 2 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

-604

-5

-2.9

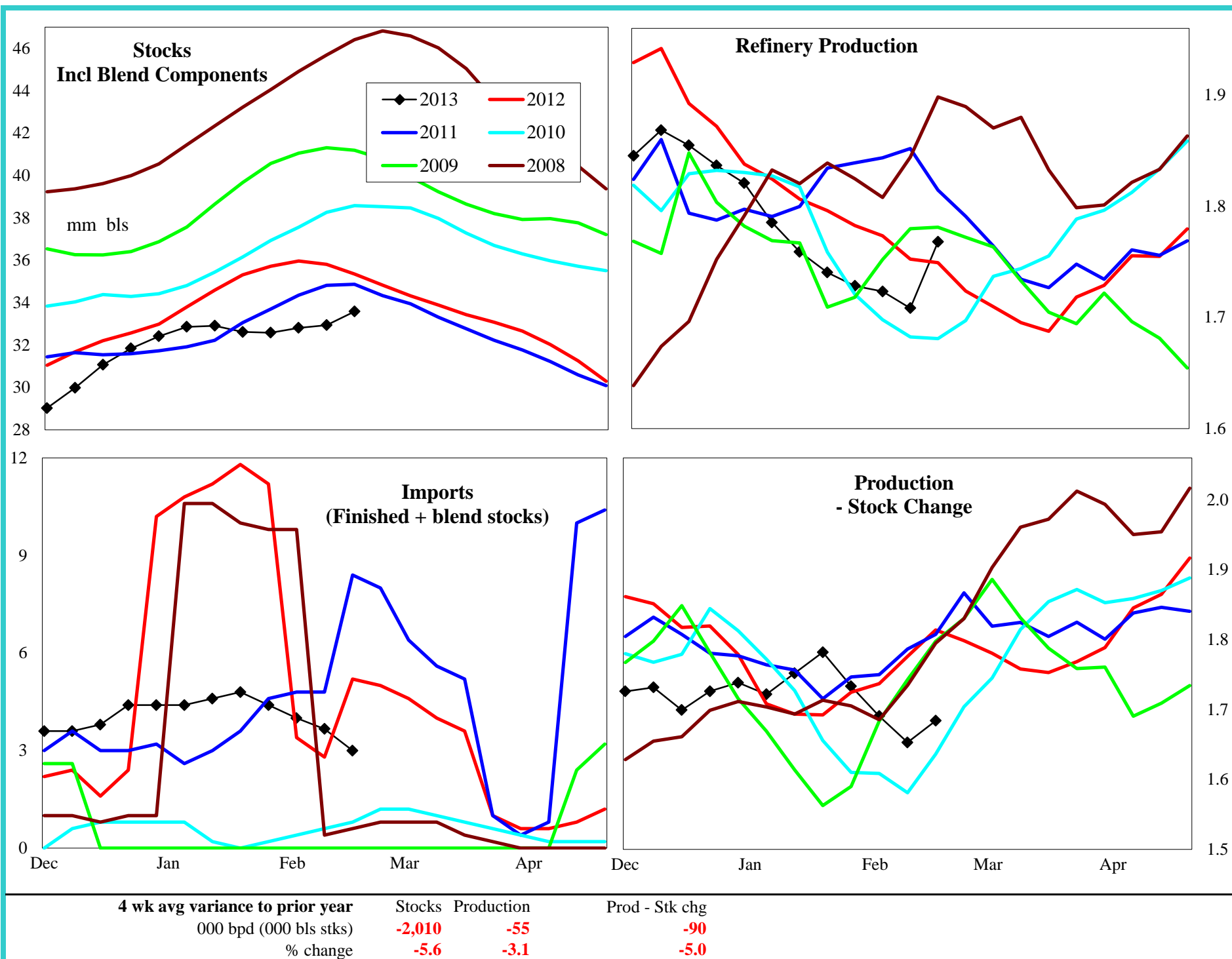
-1.5

Prod - Stk chg

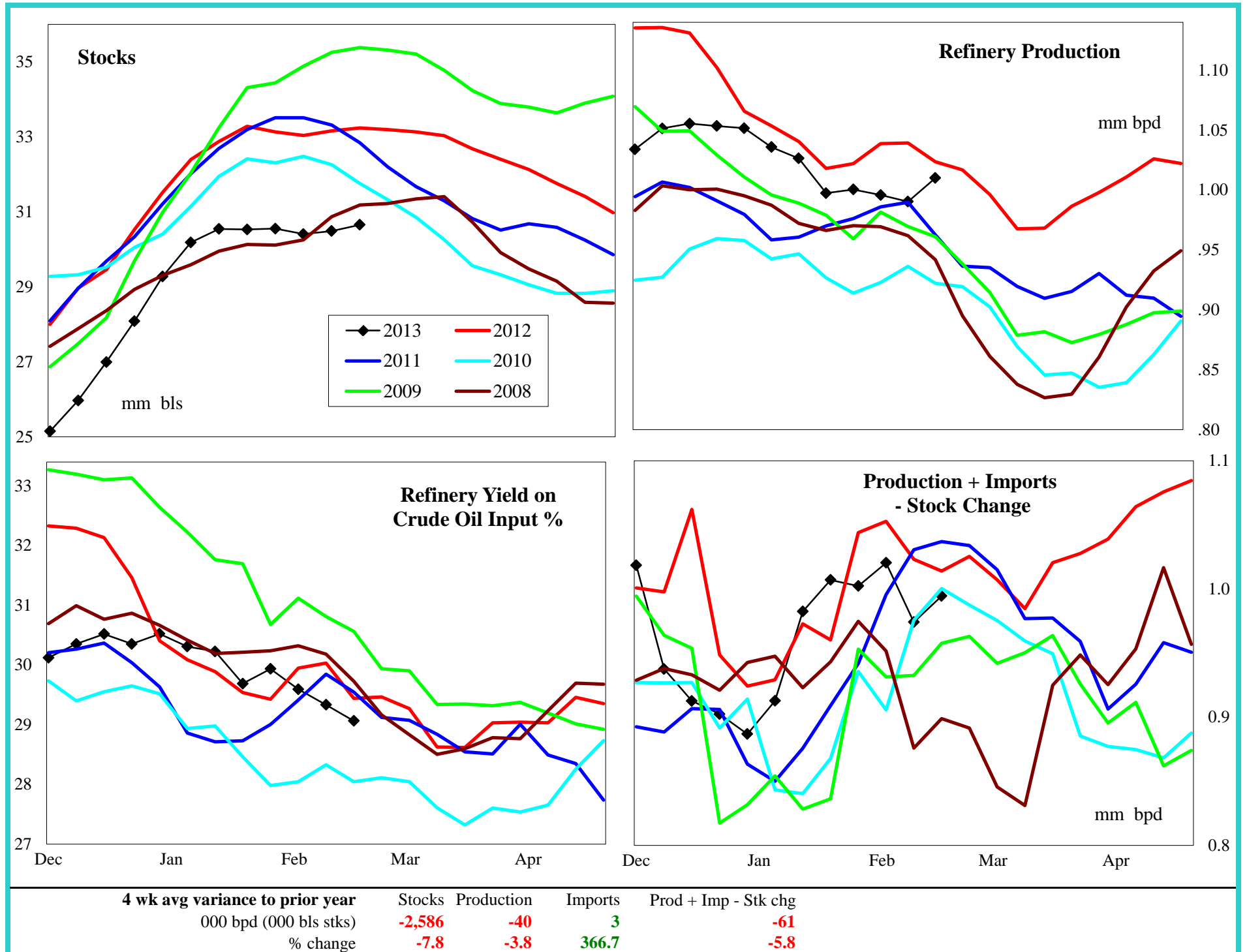
33

9.2

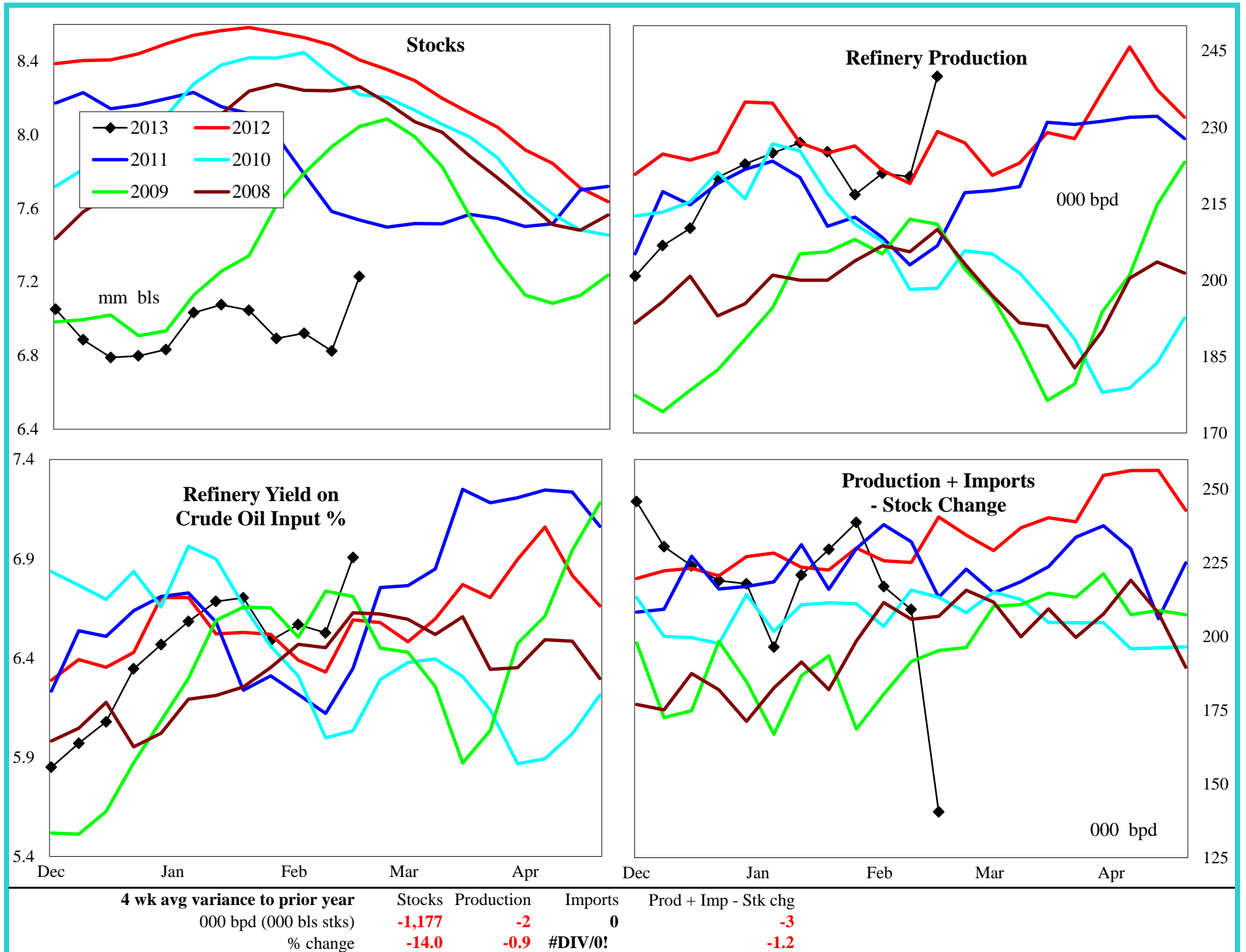
PADD 2 Conventional Gasoline Supply



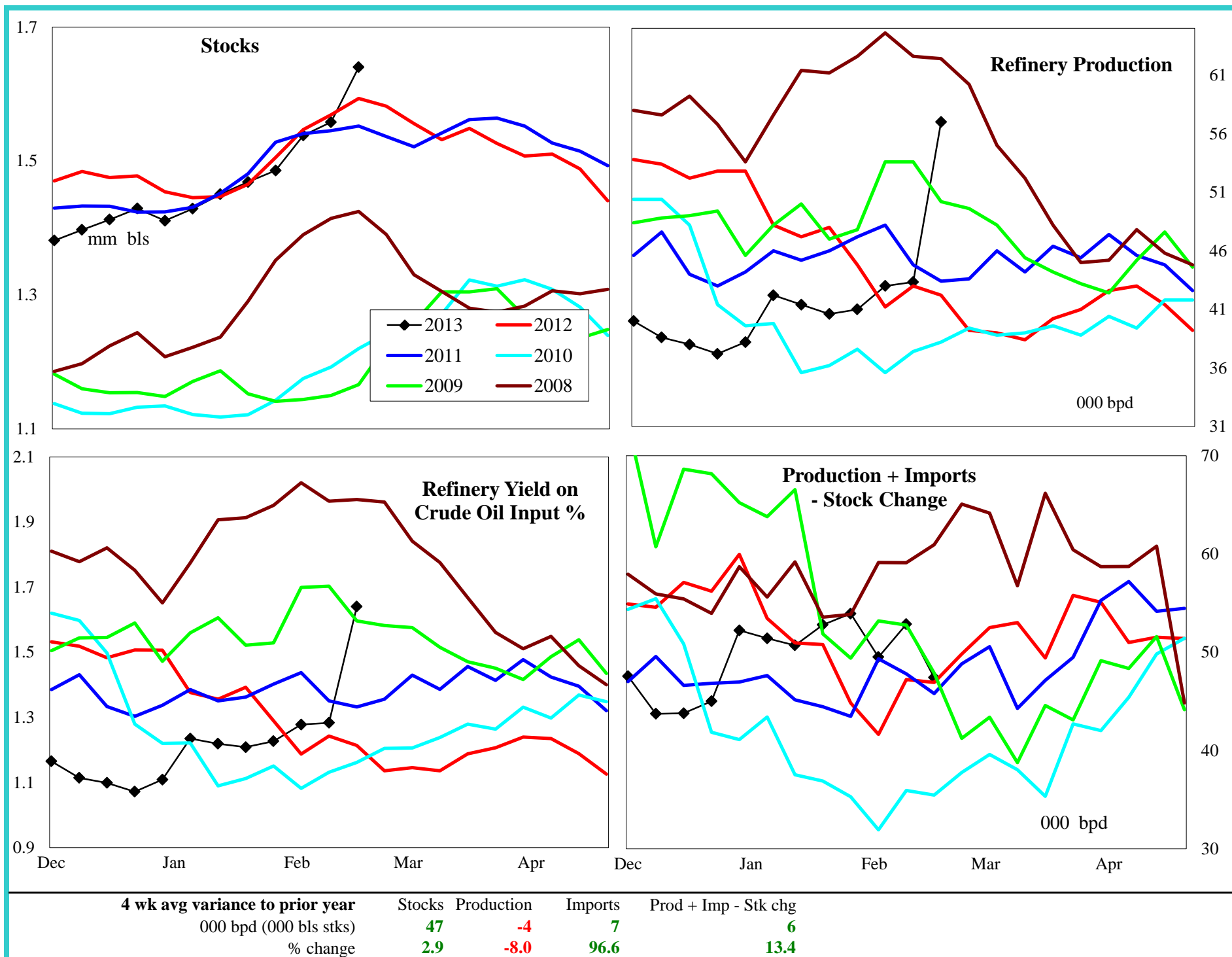
PADD 2 Distillate Supply



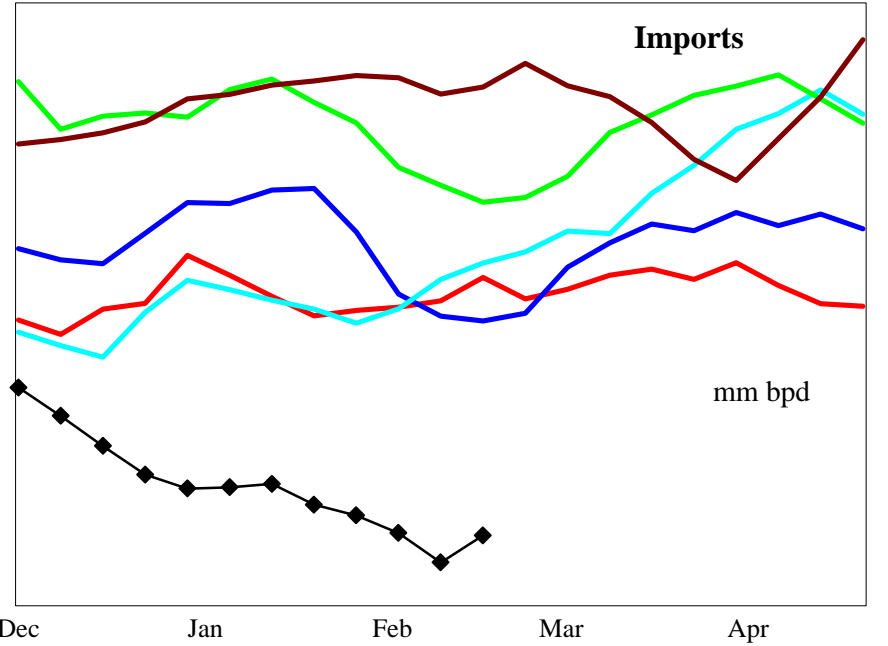
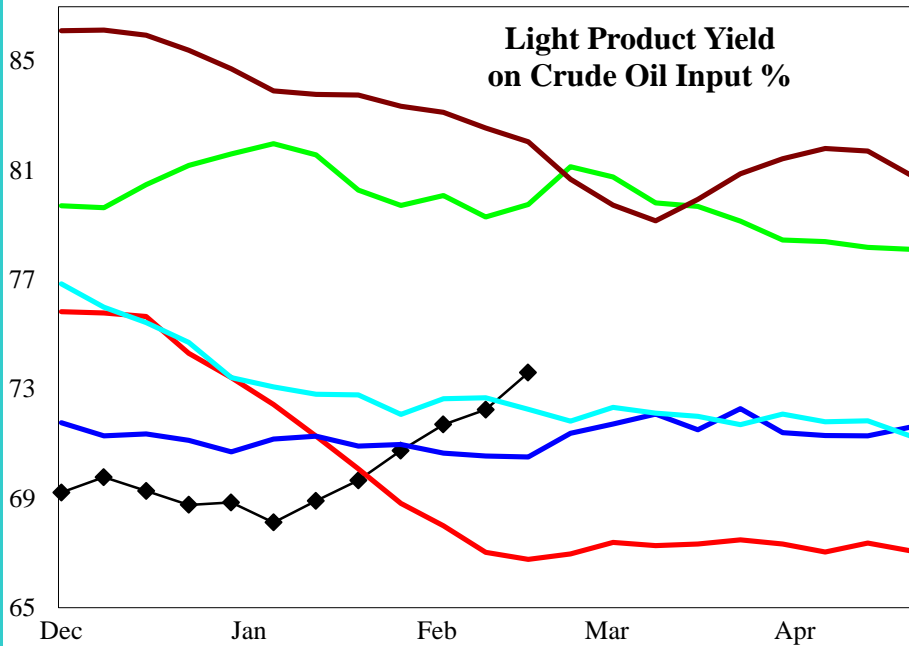
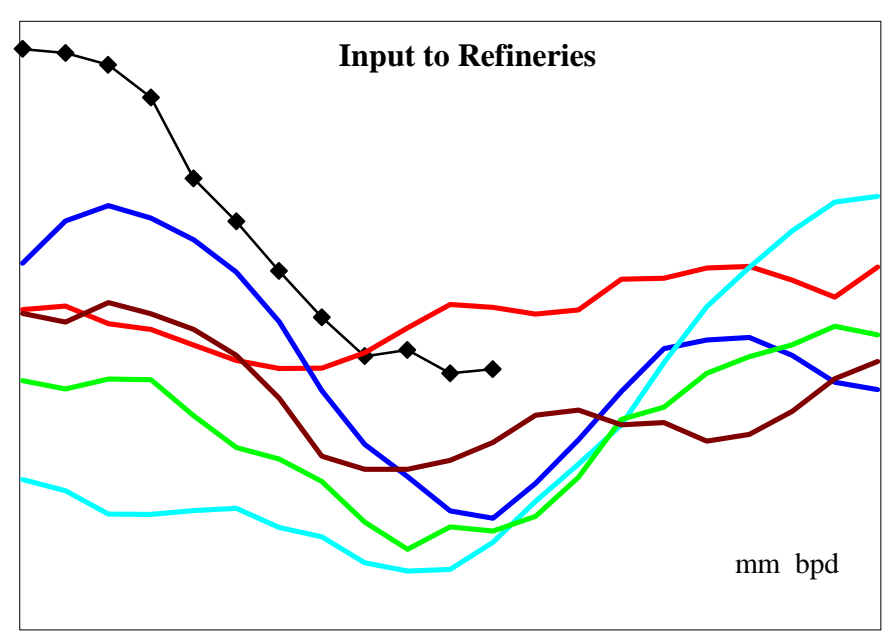
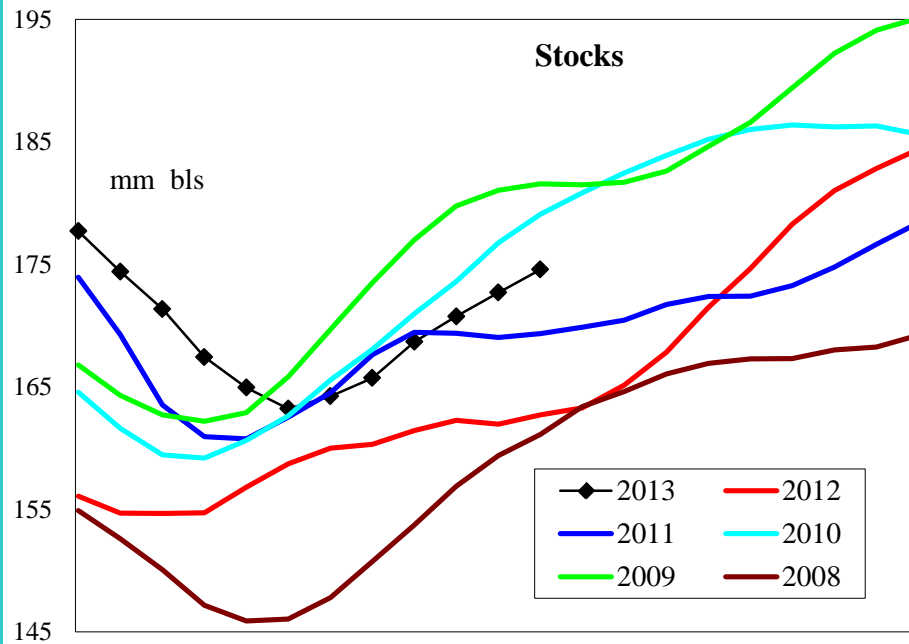
PADD 2 Jet Fuel Supply



PADD 2 Residual Fuel Oil Supply



PADD 3 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

11,860

7.3

Input

-157

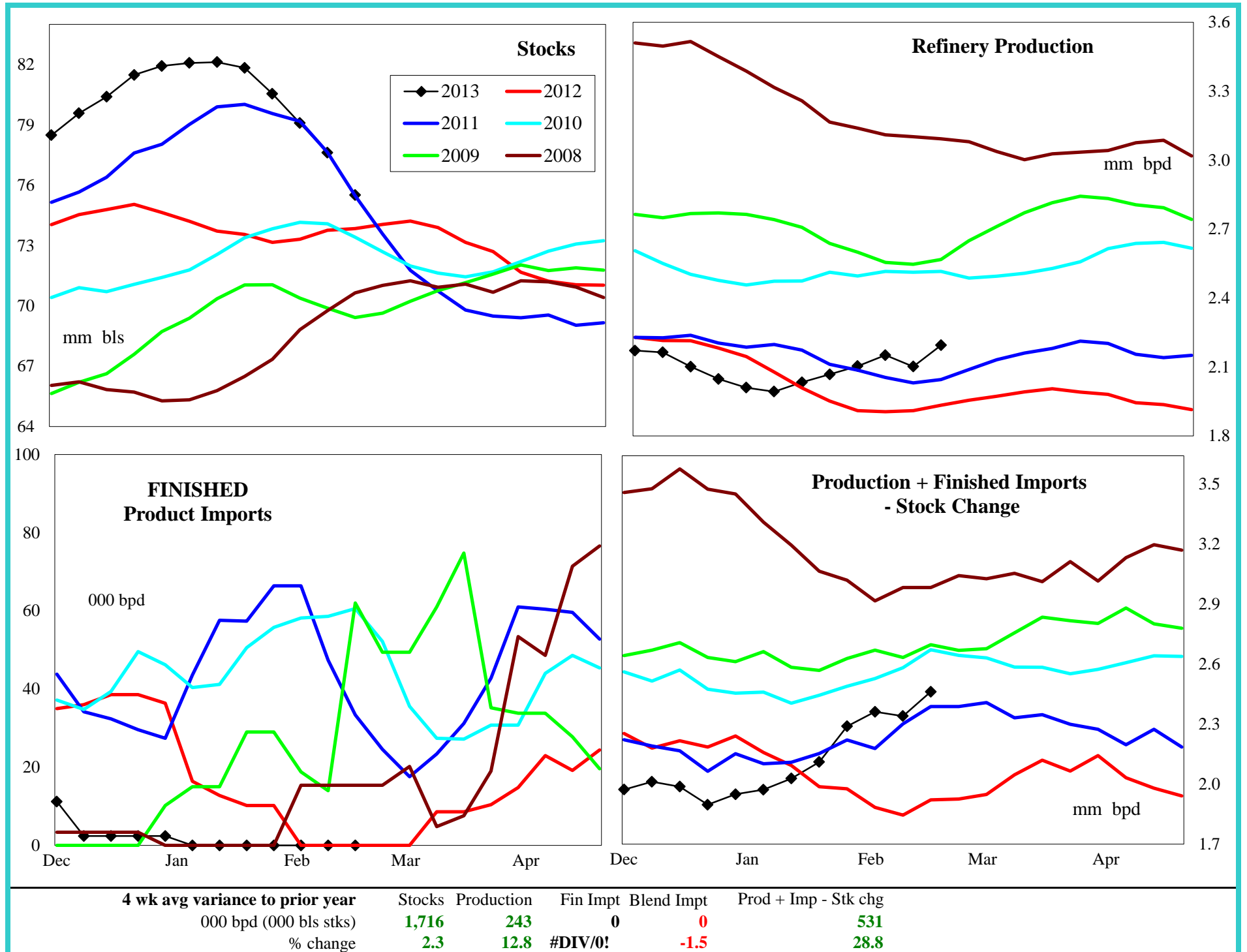
-2.1

Imports

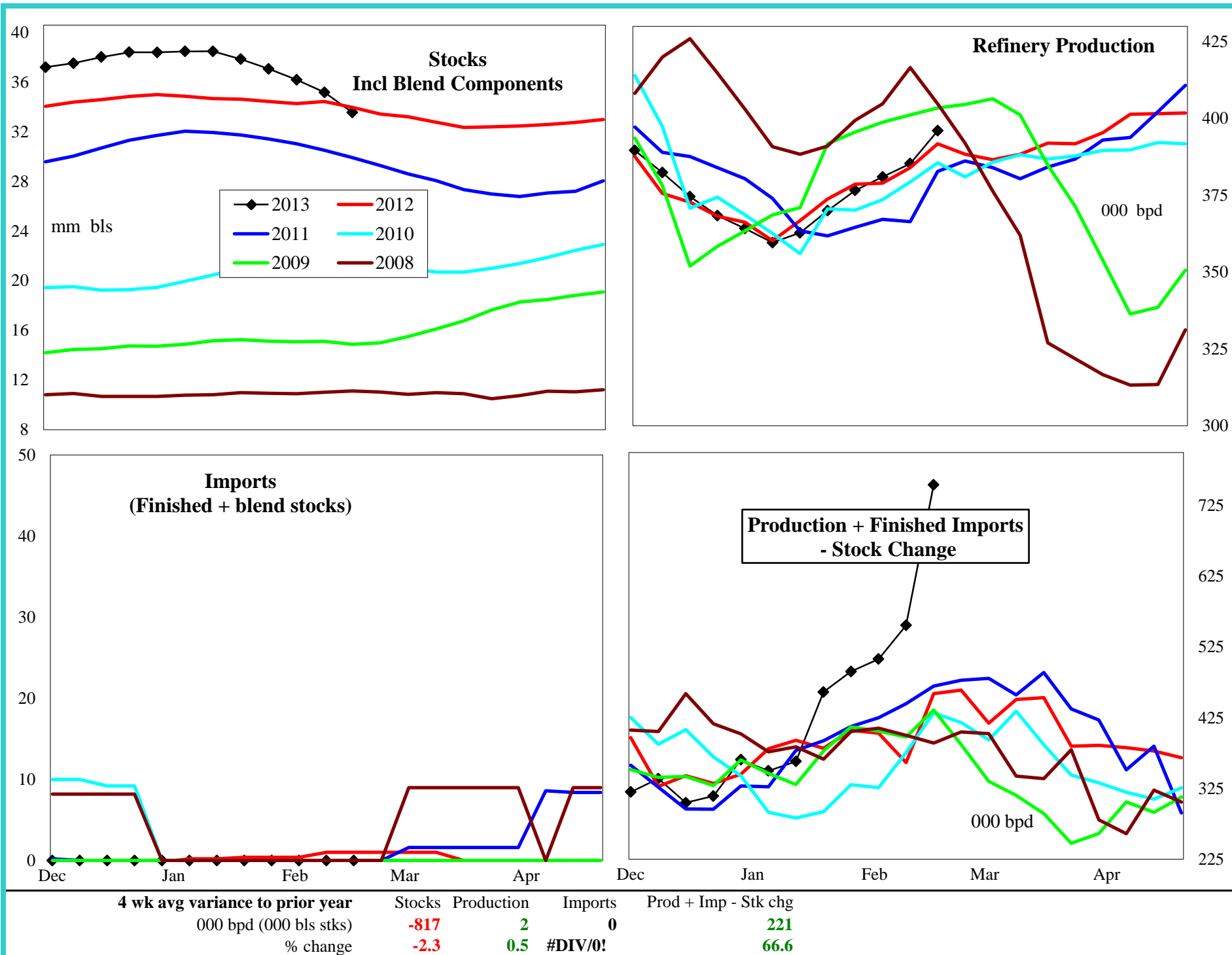
-1,268

-26.6

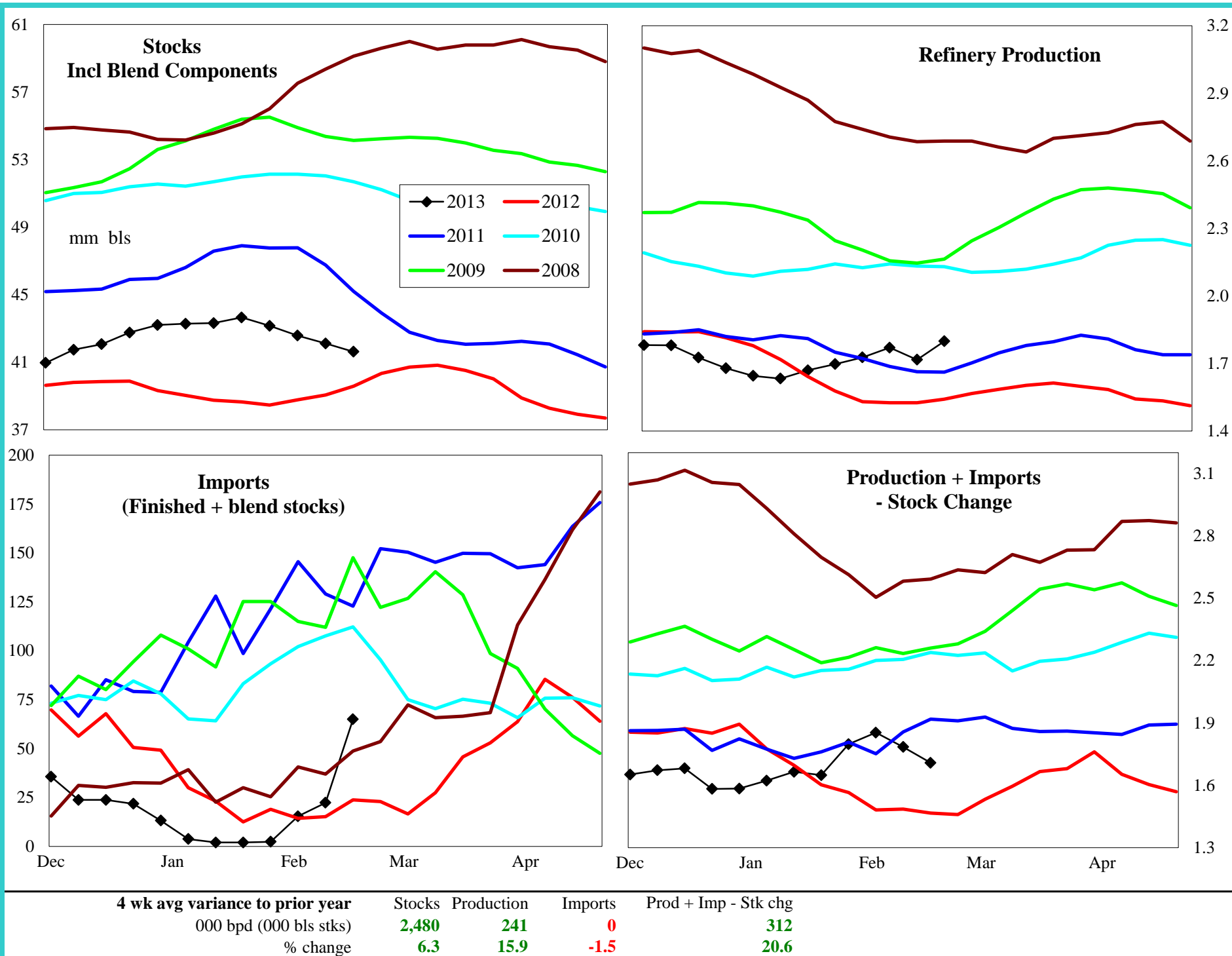
PADD 3 Gasoline Supply



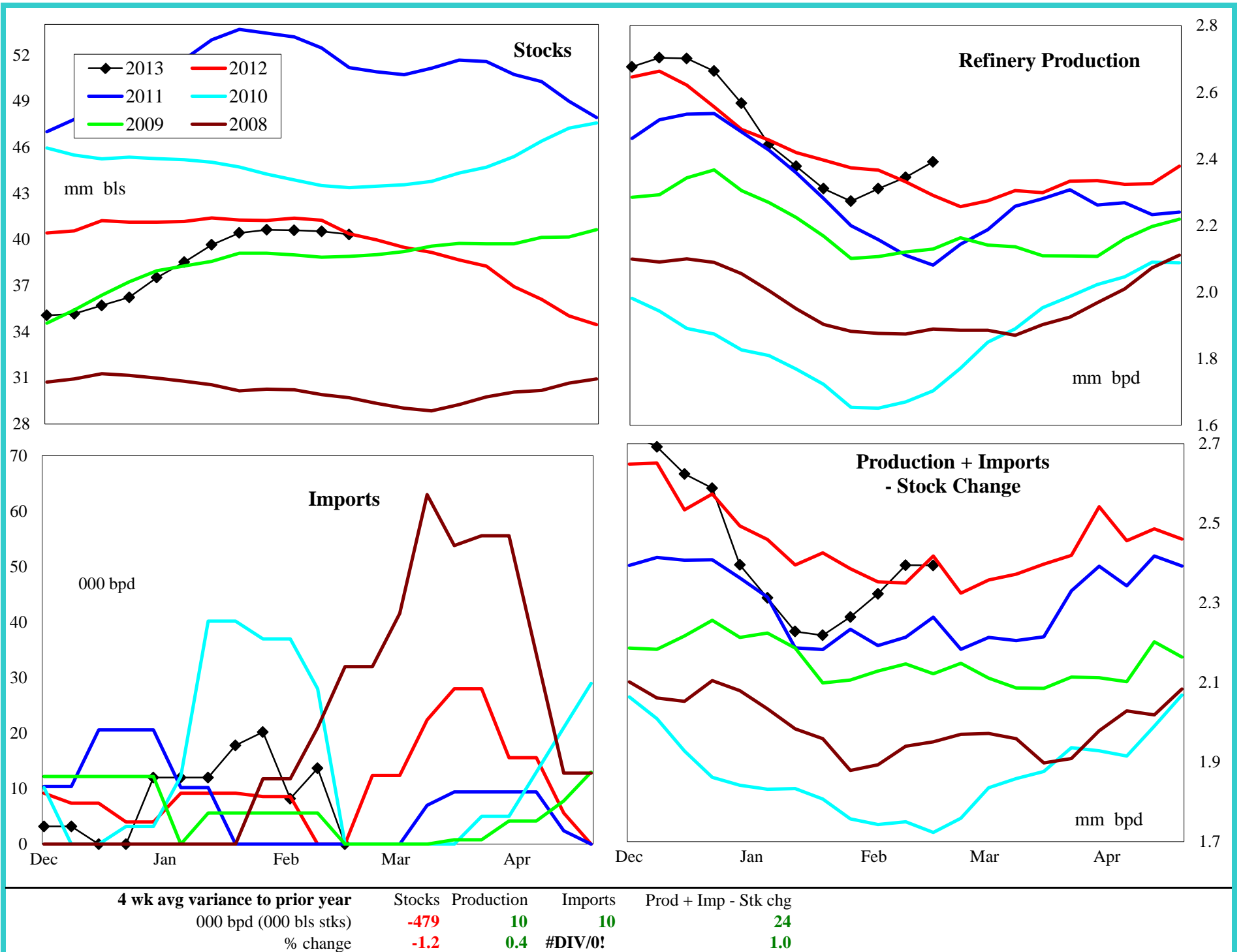
PADD 3 Reformulated Gasoline Supply



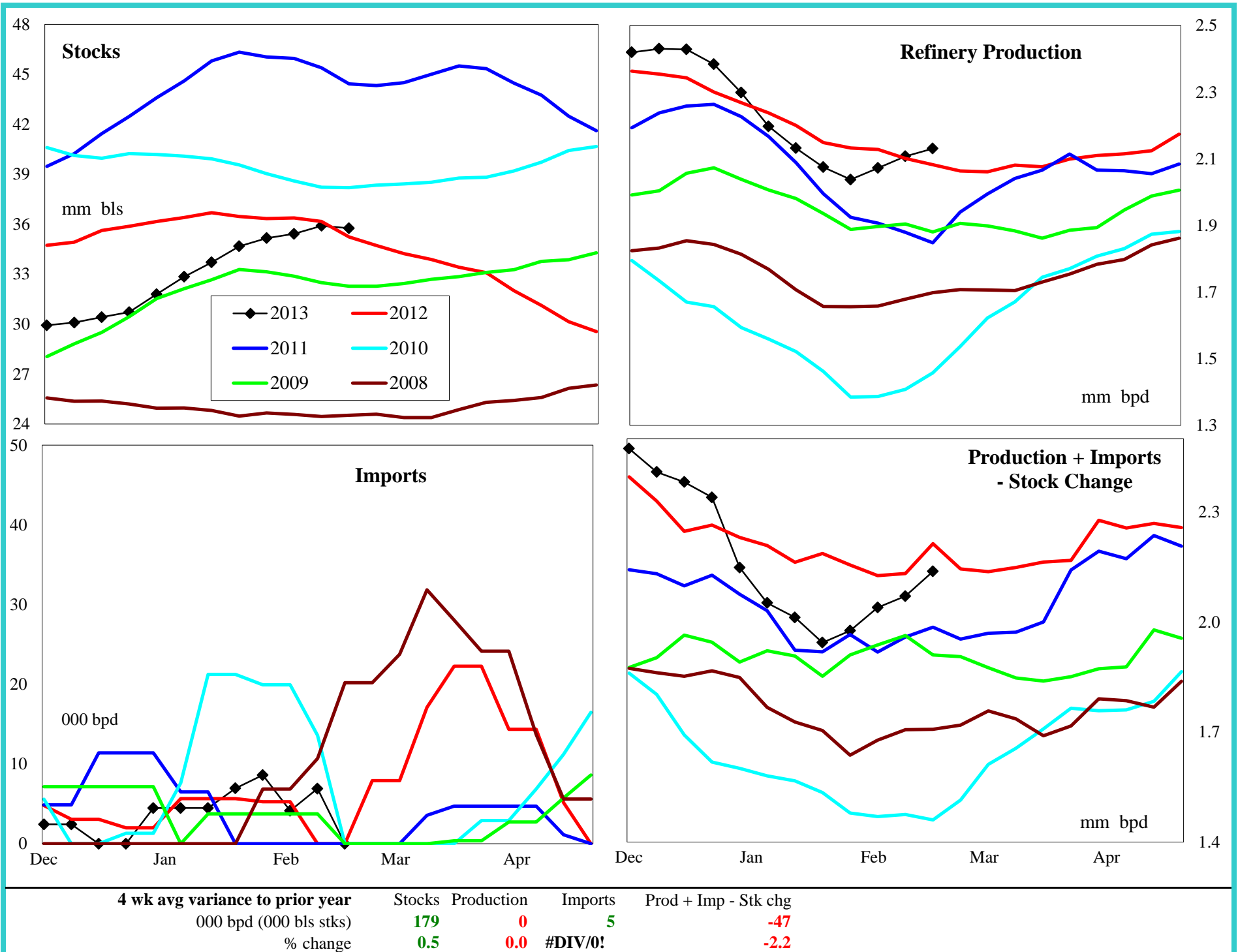
PADD 3 Conventional Gasoline Supply



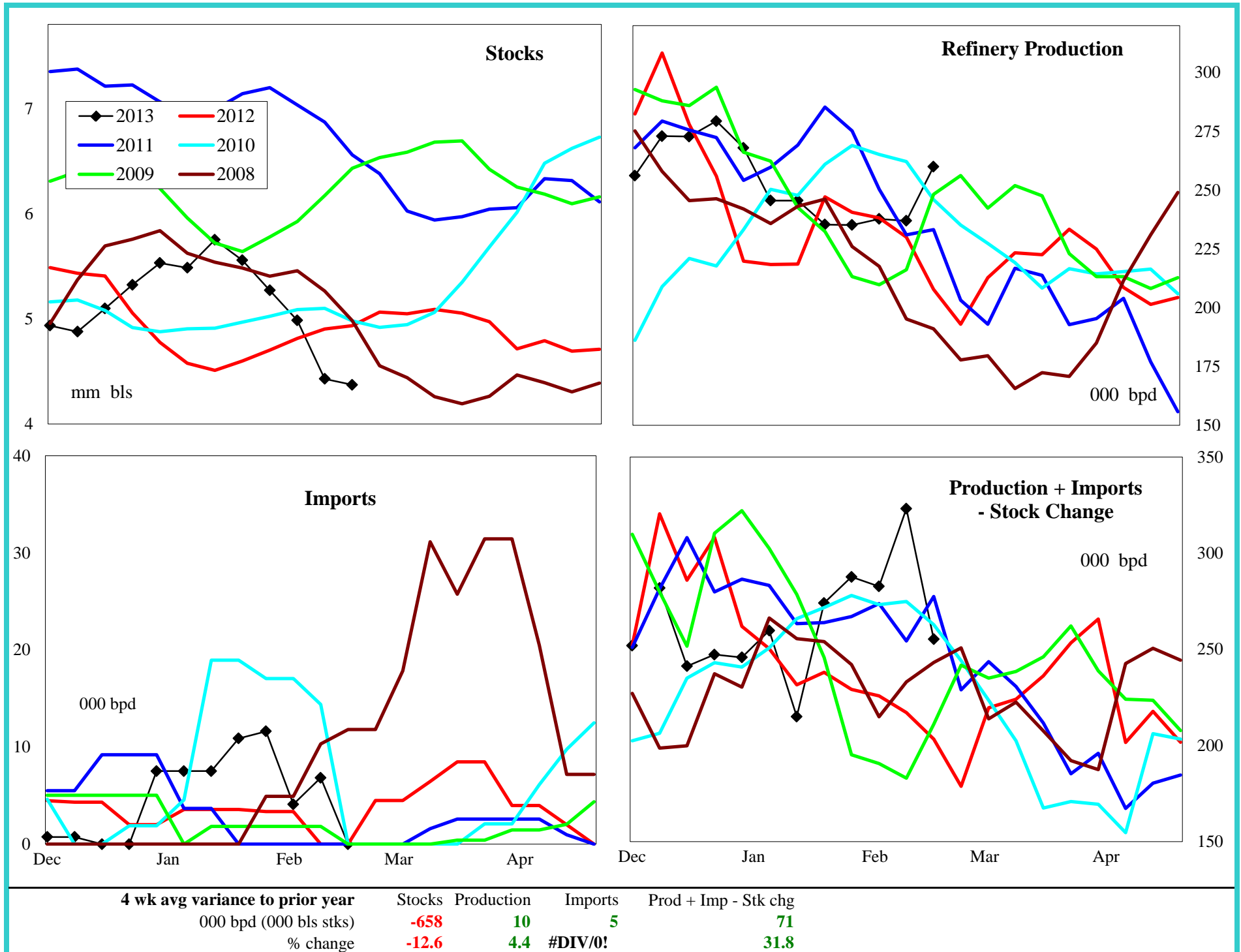
PADD 3 Distillate Supply



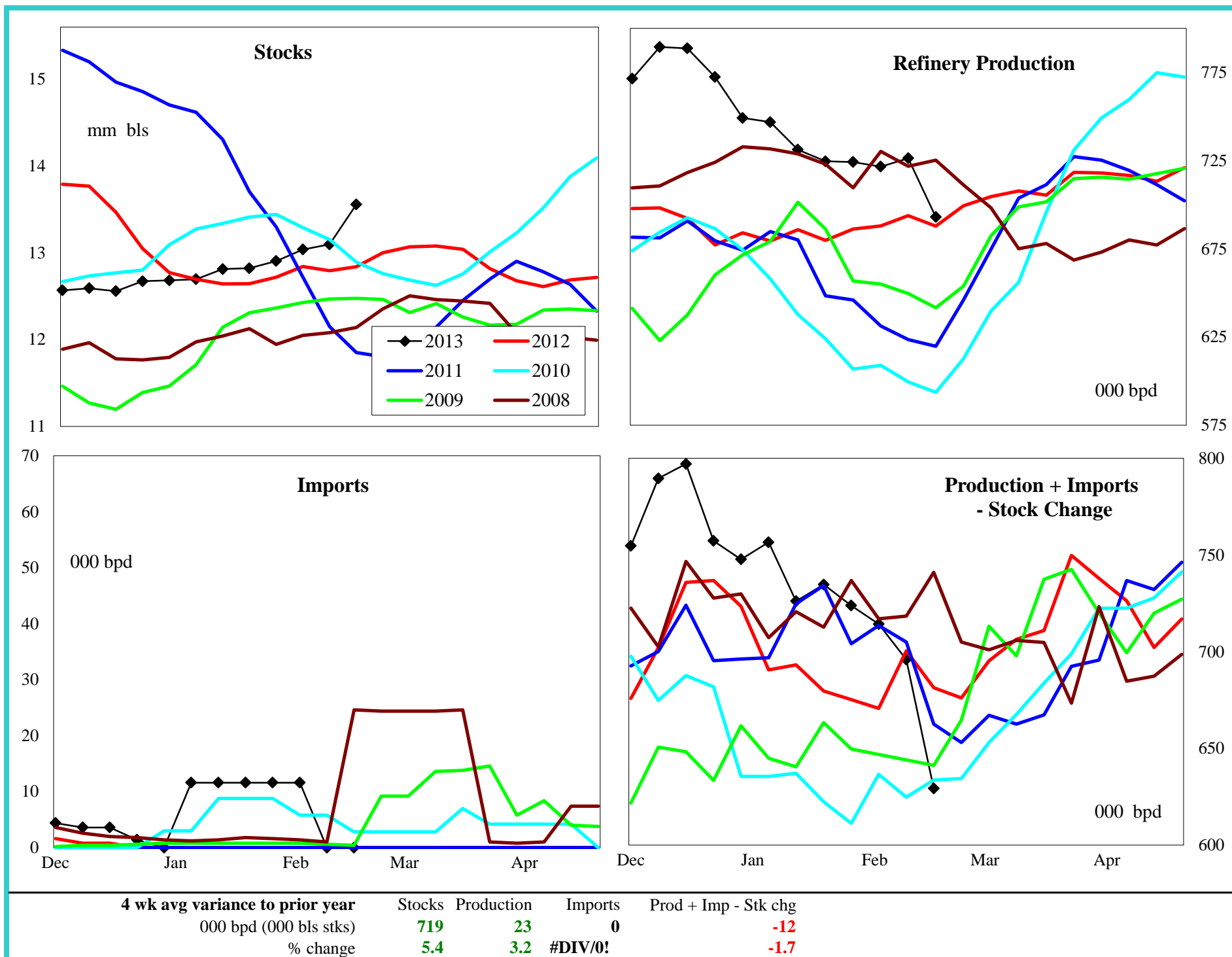
PADD 3 Low Sulfur Distillate Supply



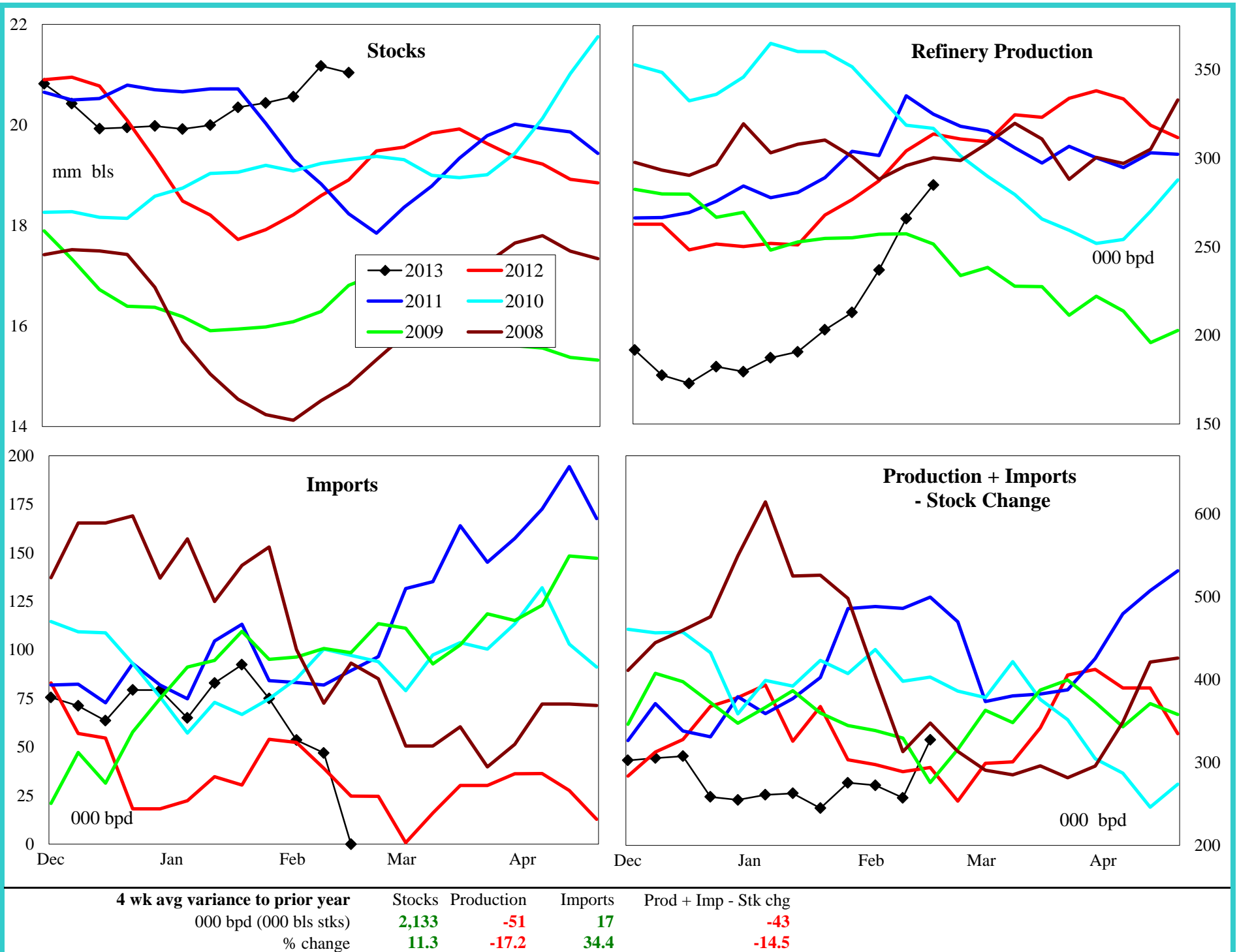
PADD 3 High Sulfur Distillate Supply



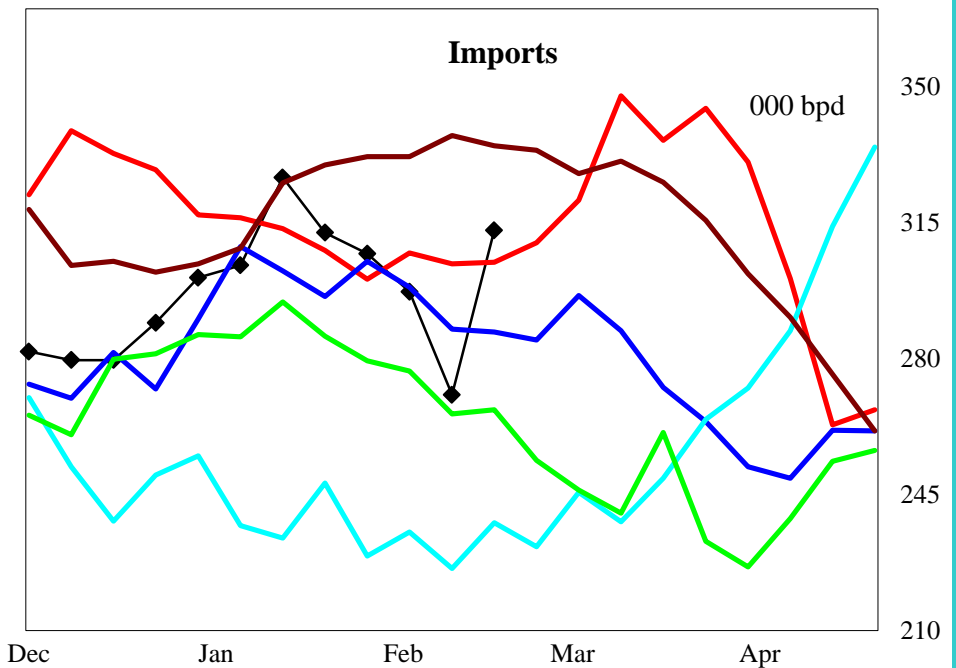
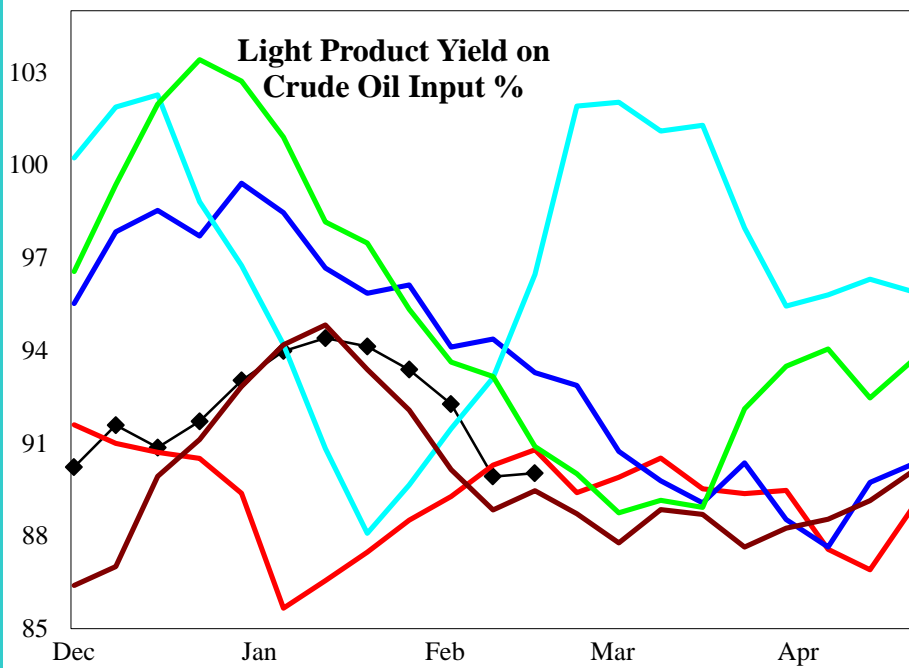
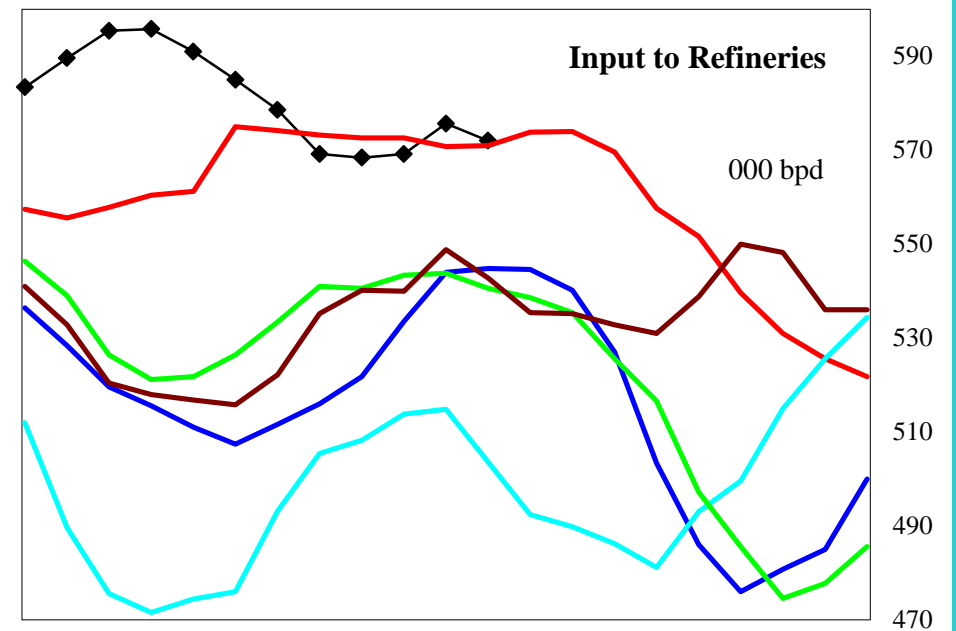
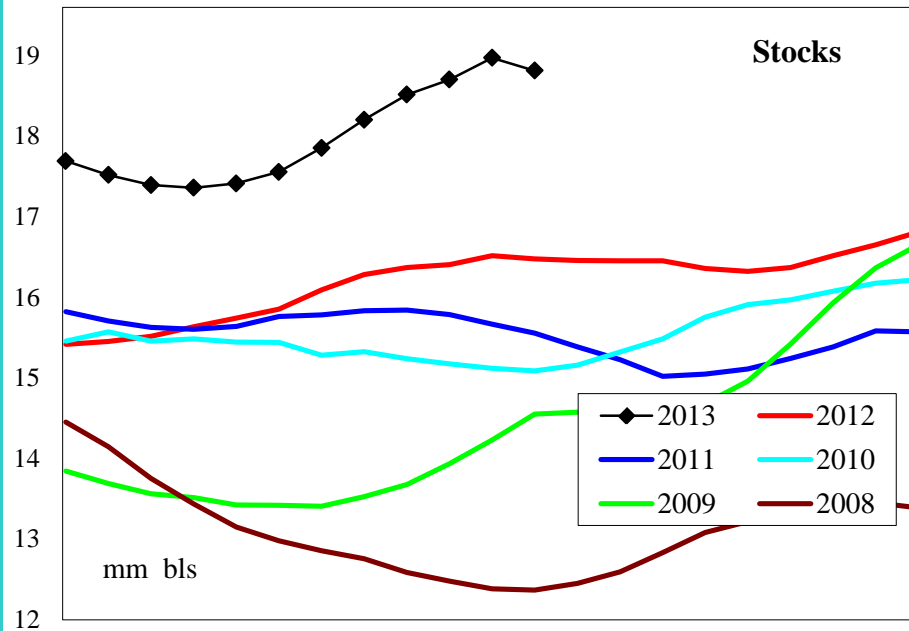
PADD 3 Jet Fuel Supply



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

2,335

13.8

Input

4

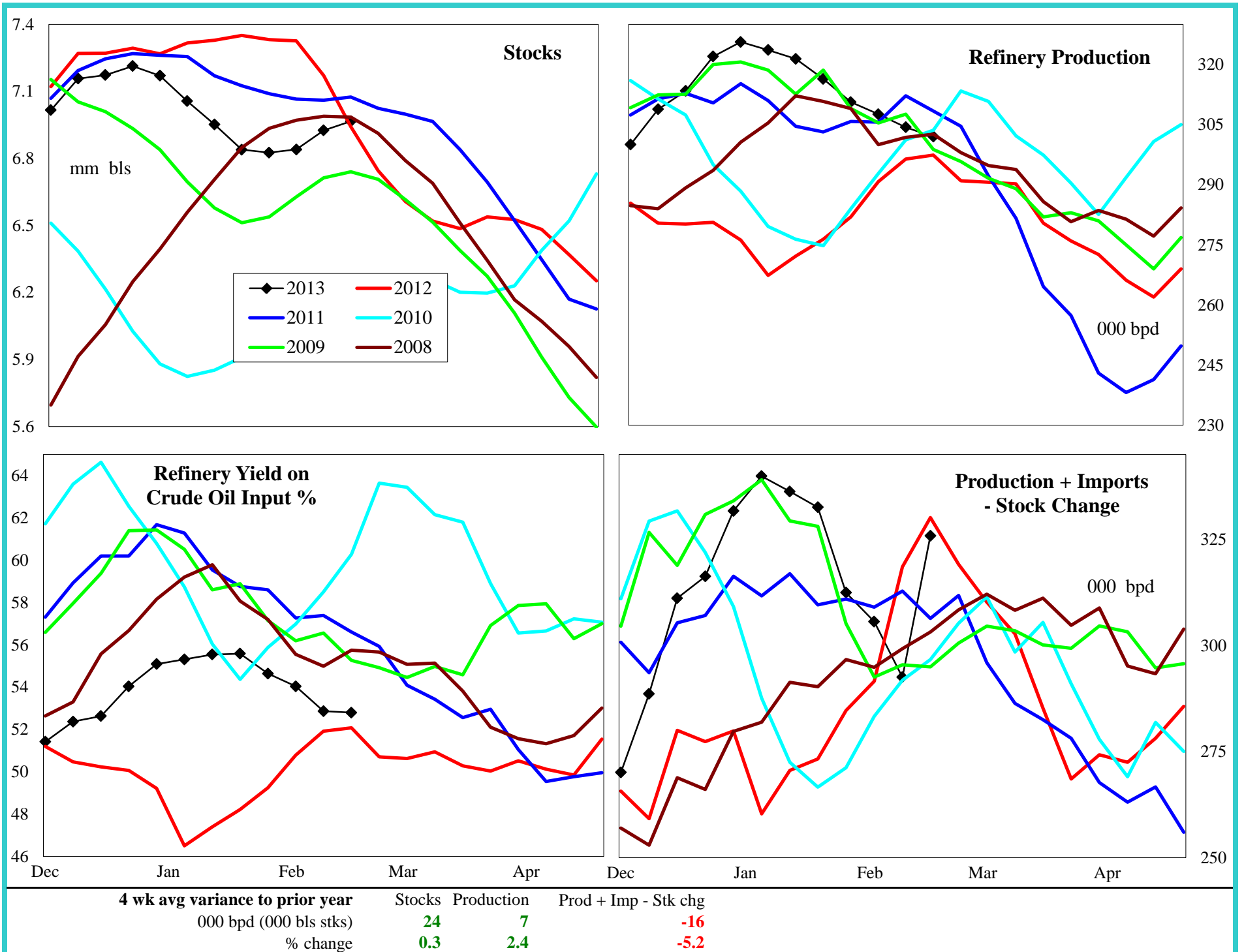
0.7

Imports

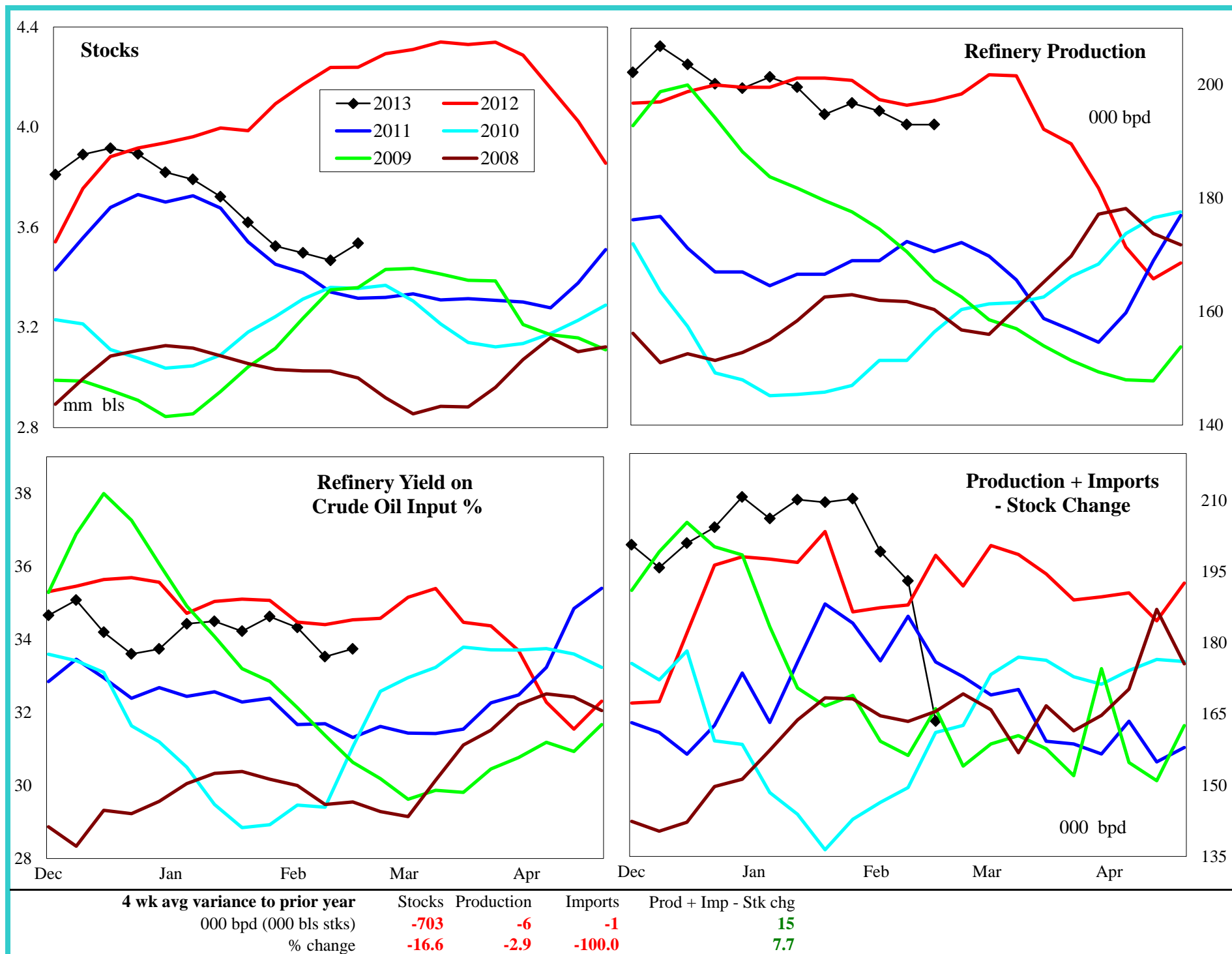
-7

-2.2

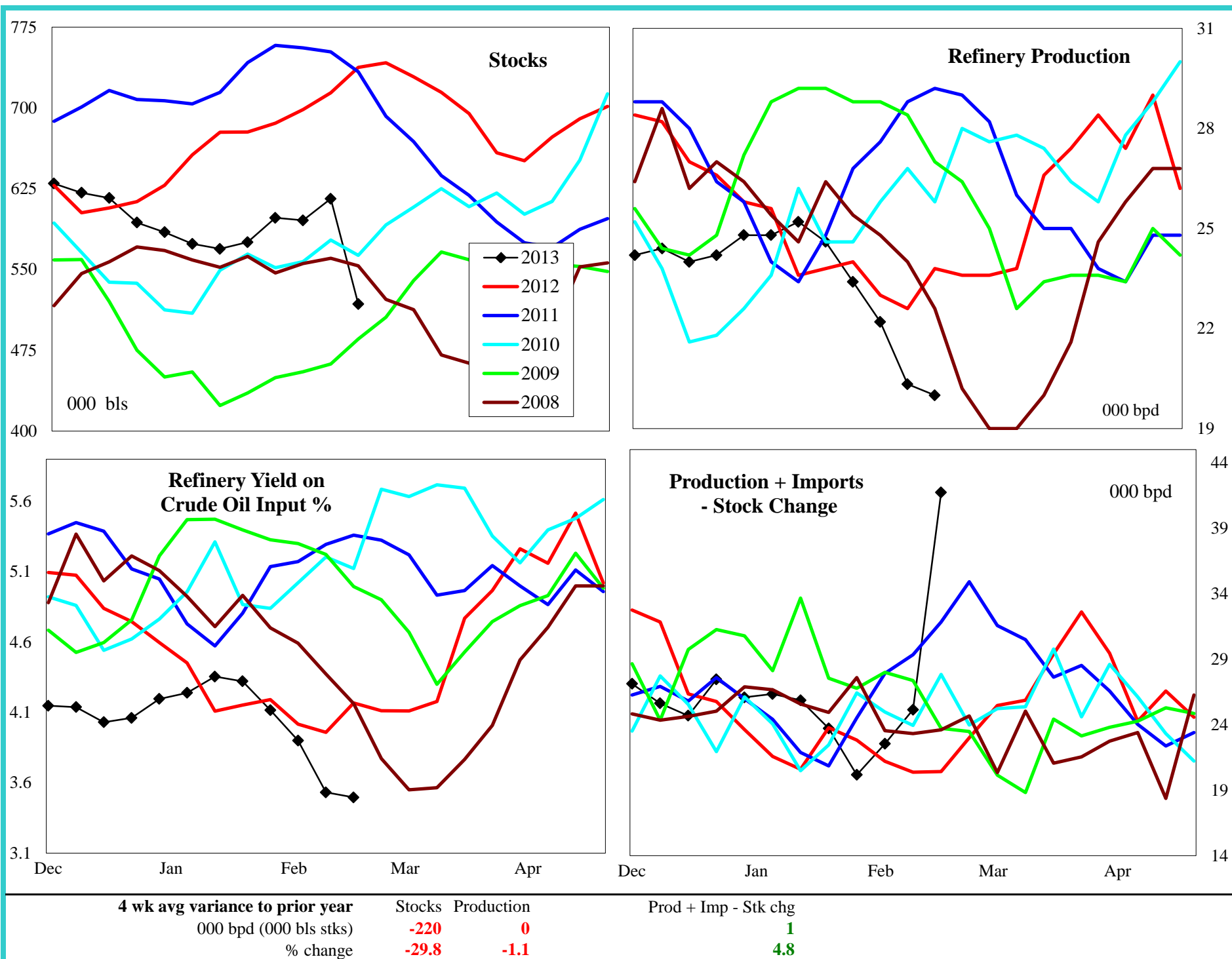
PADD 4 Gasoline Supply



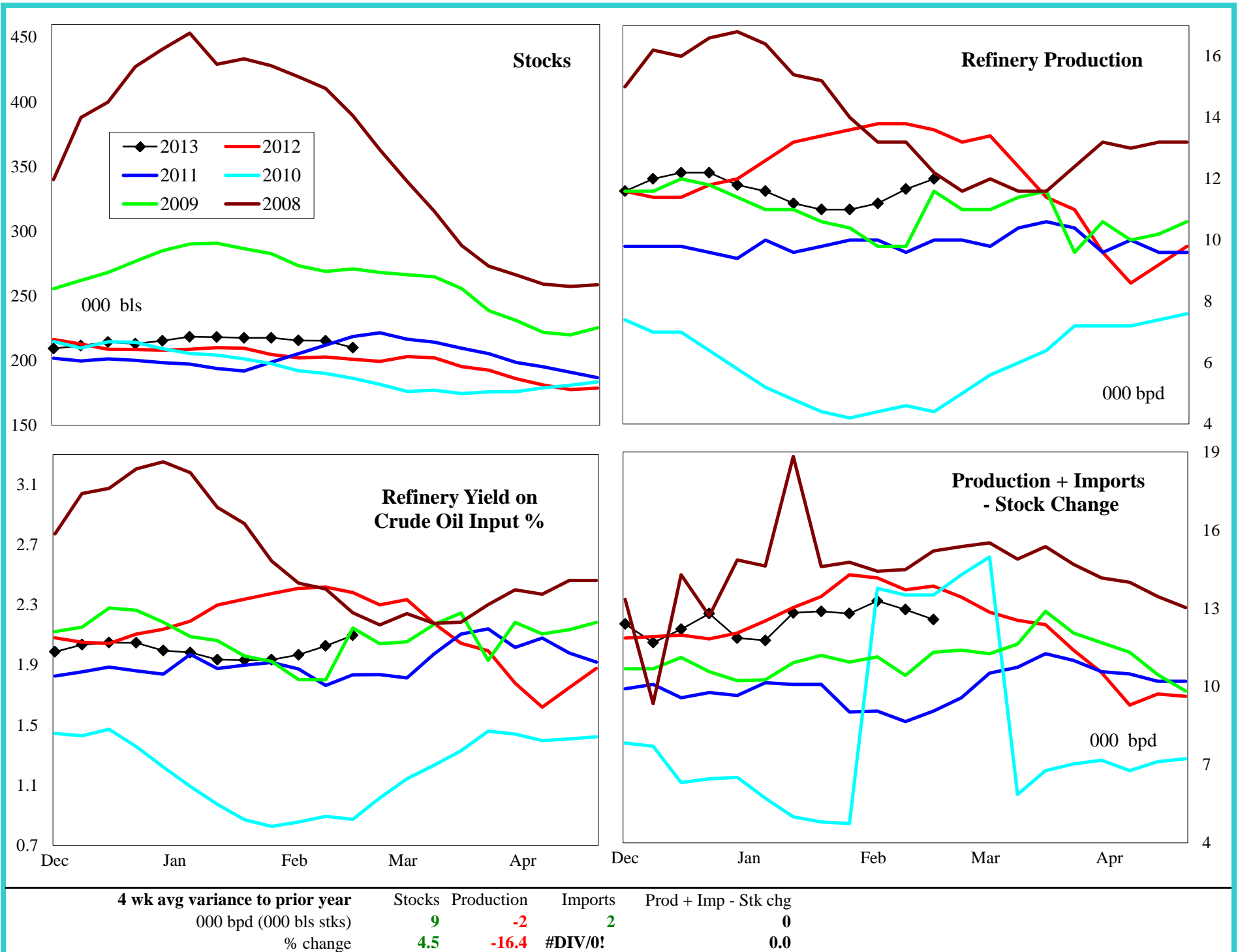
PADD 4 Distillate Supply



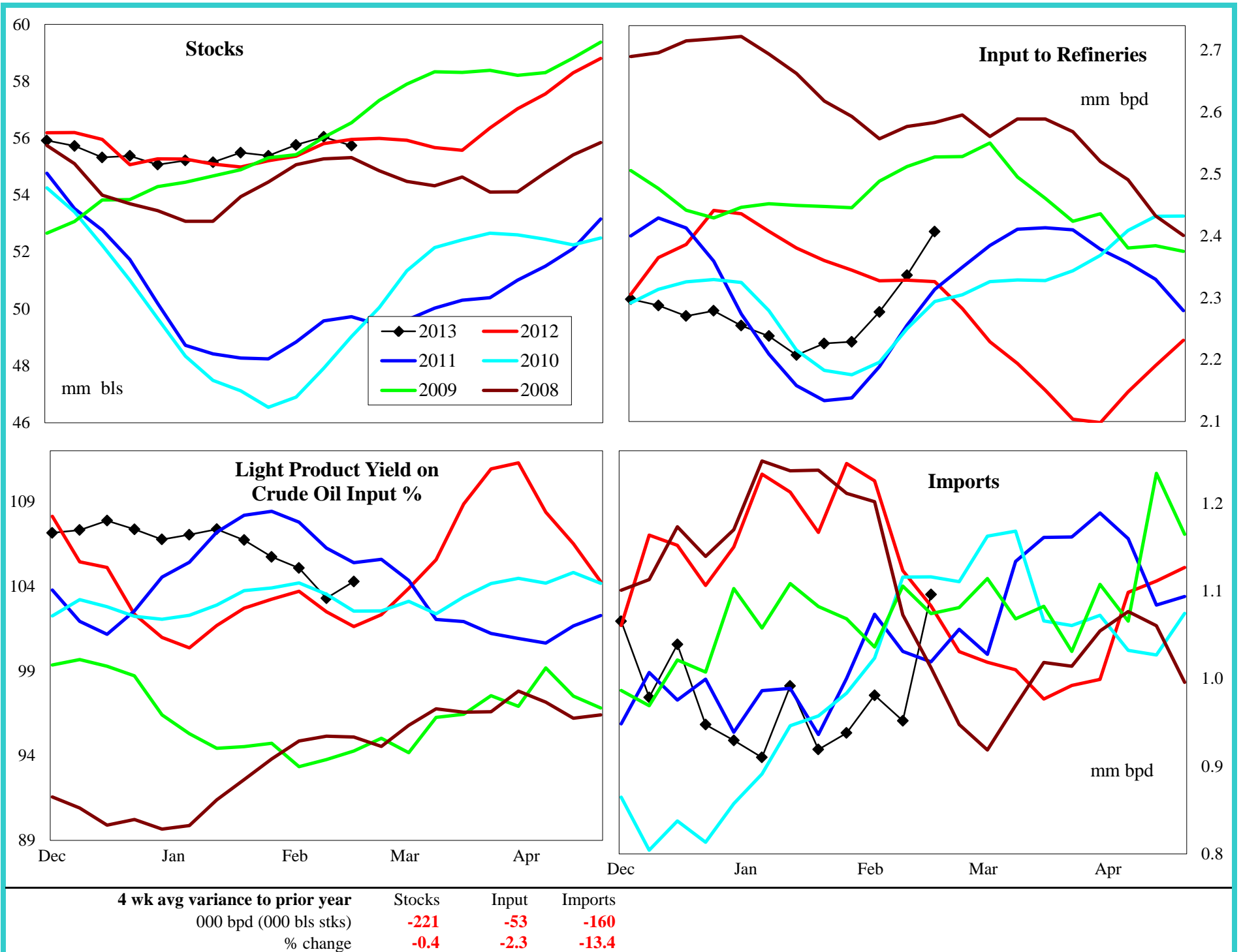
PADD 4 Jet Fuel Supply



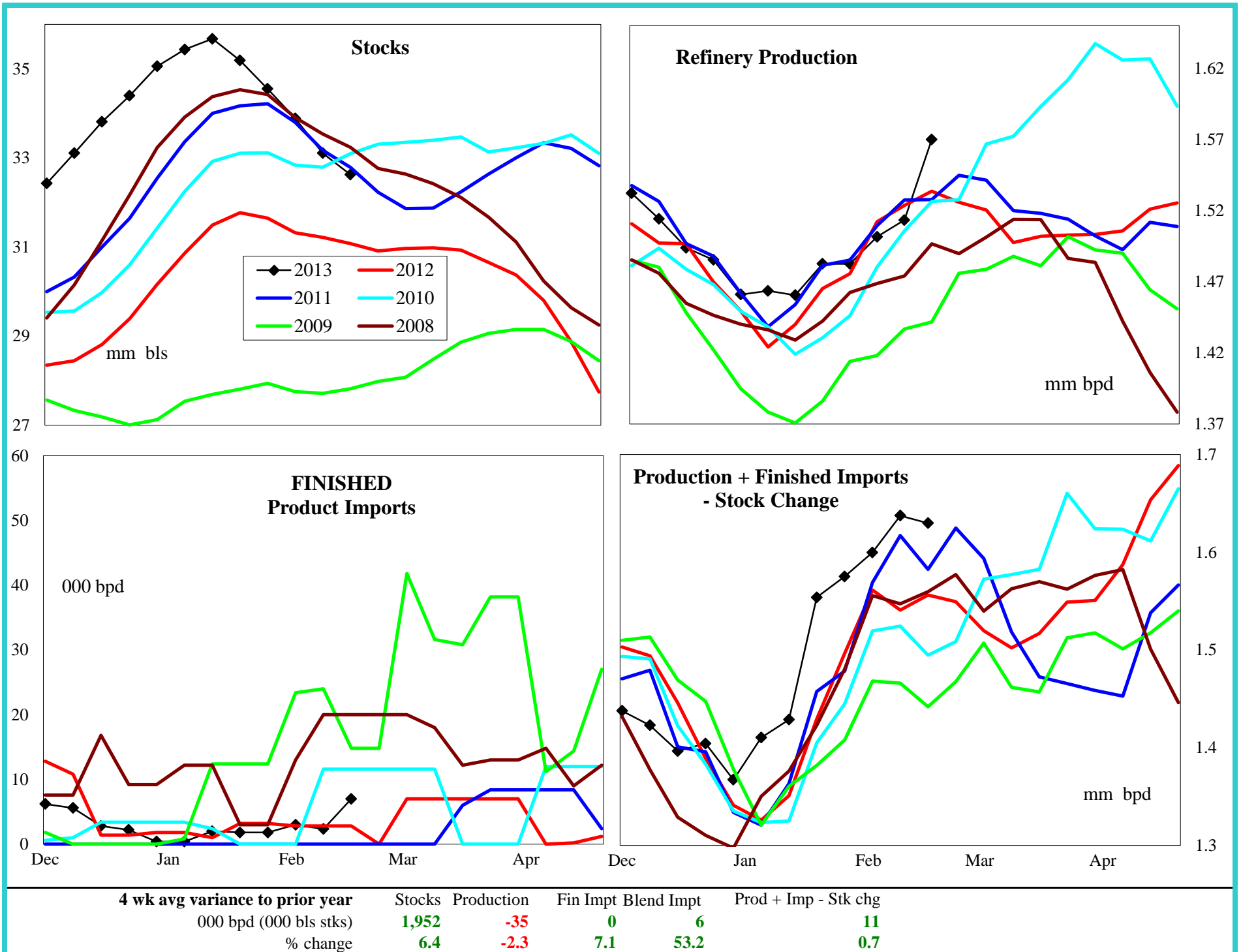
PADD 4 Residual Fuel Oil Supply



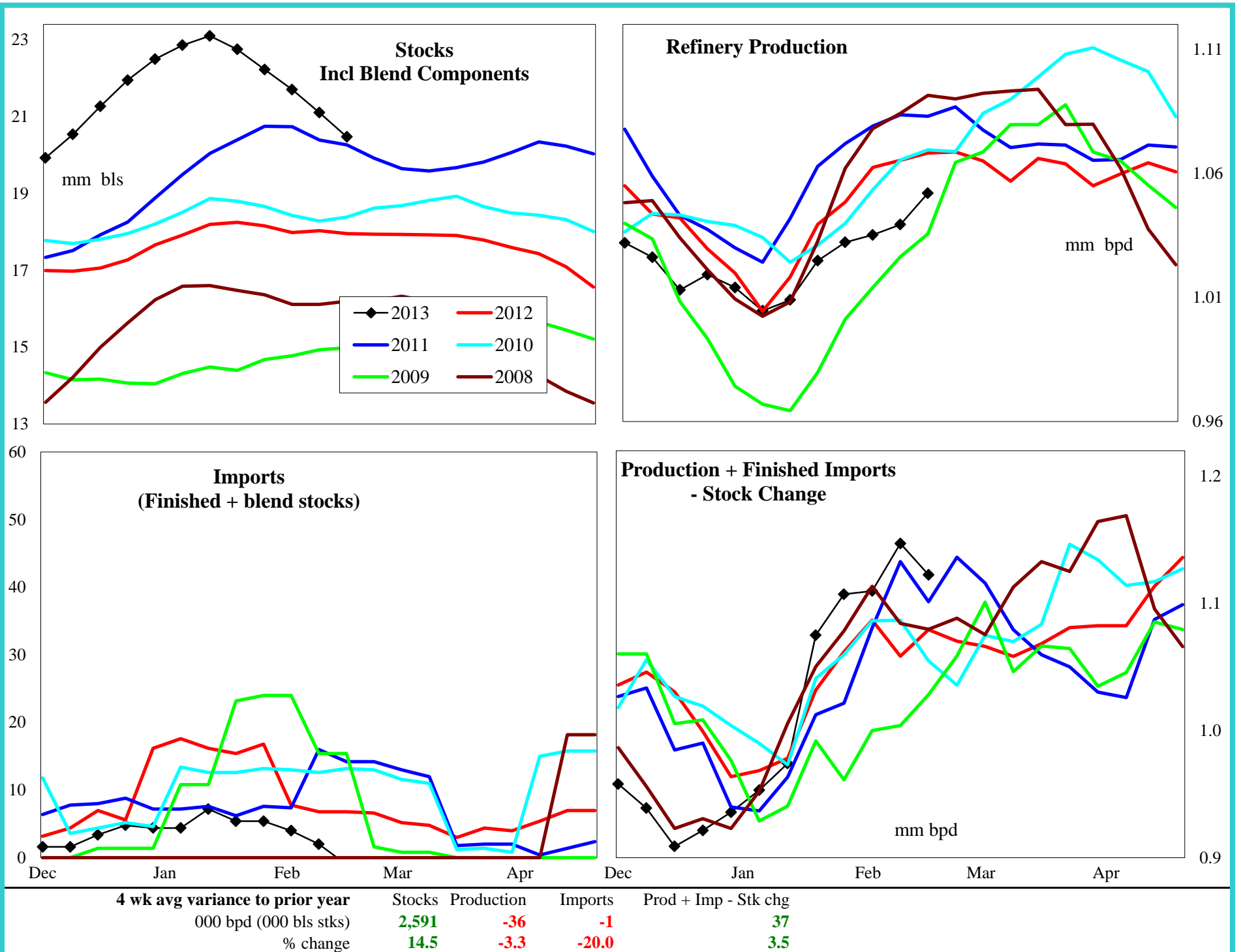
PADD 5 Crude Oil Supply and Refining



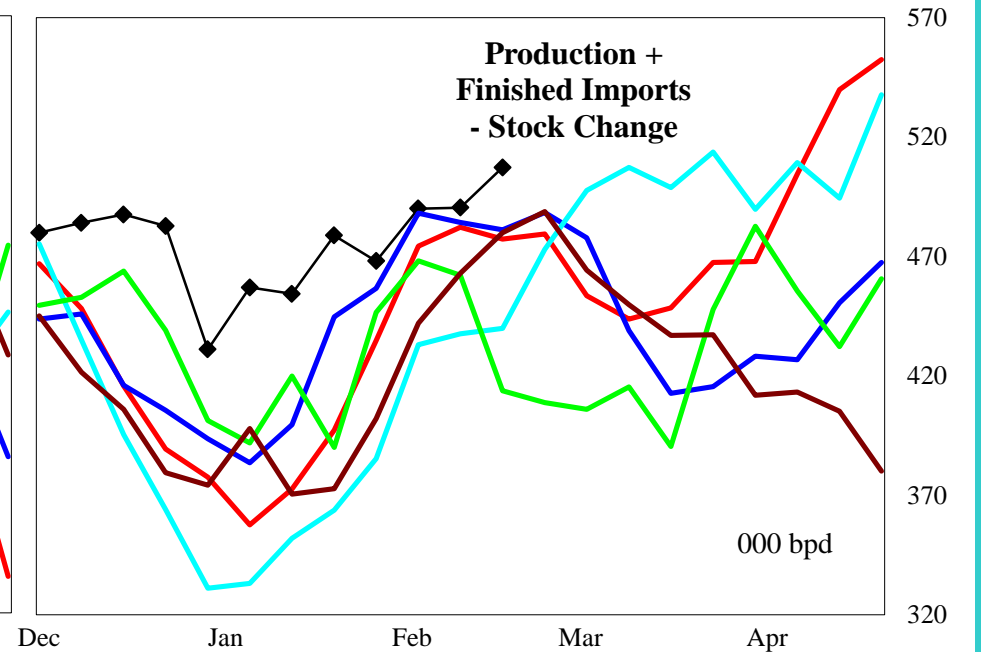
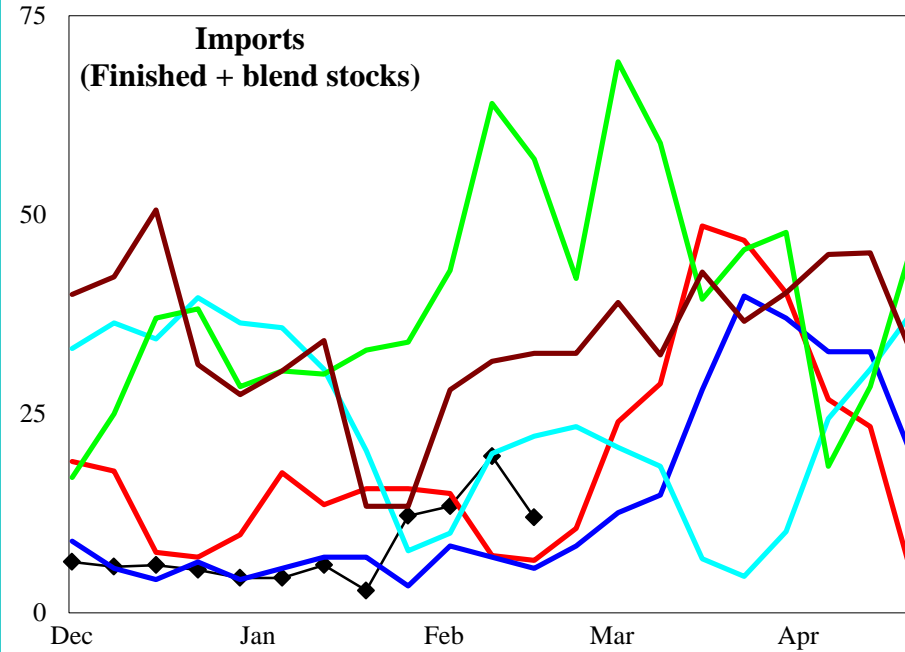
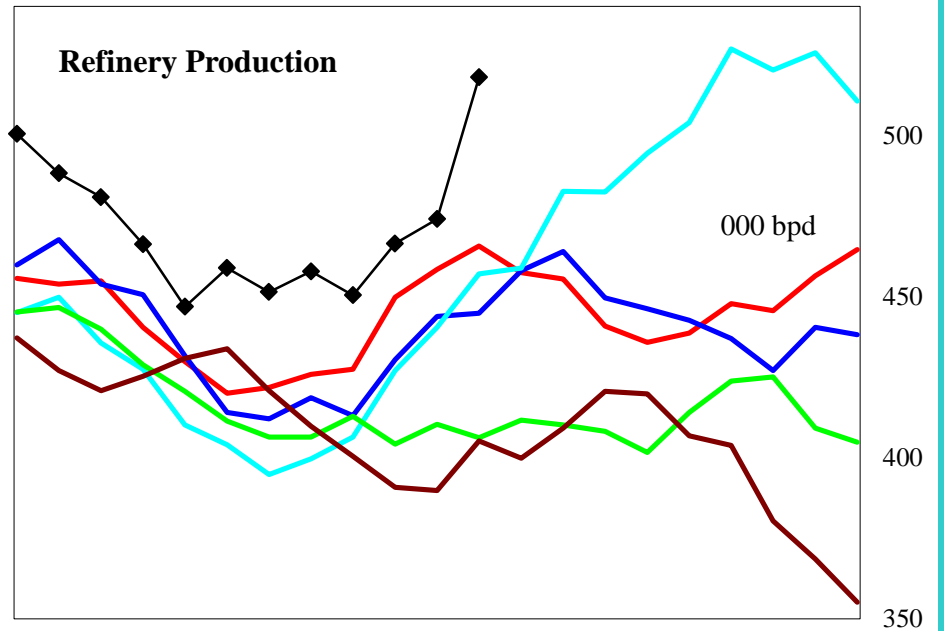
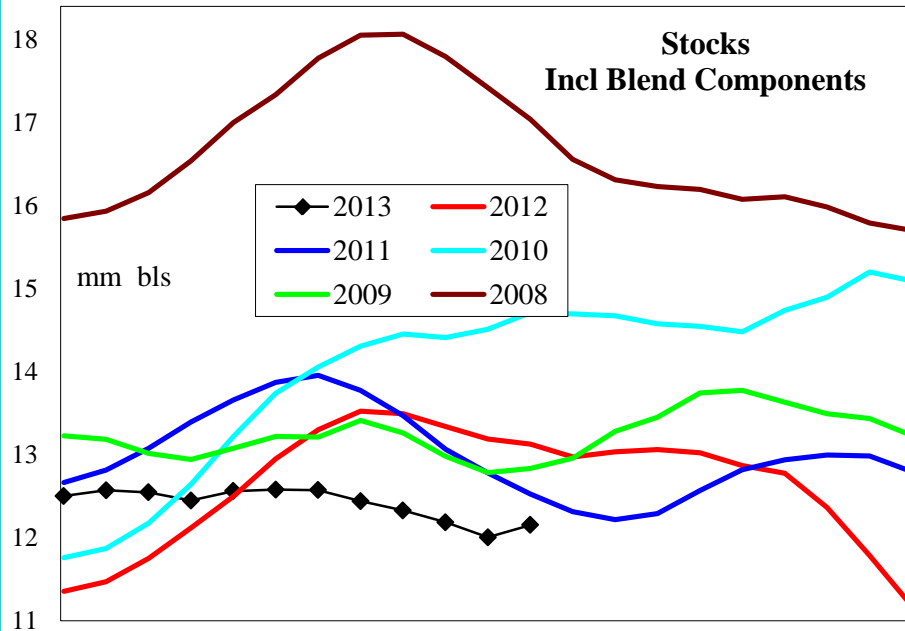
PADD 5 Gasoline Supply



PADD 5 Reformulated Gasoline Supply



PADD 5 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-639

-5.0

Production

1

0.2

Imports

8

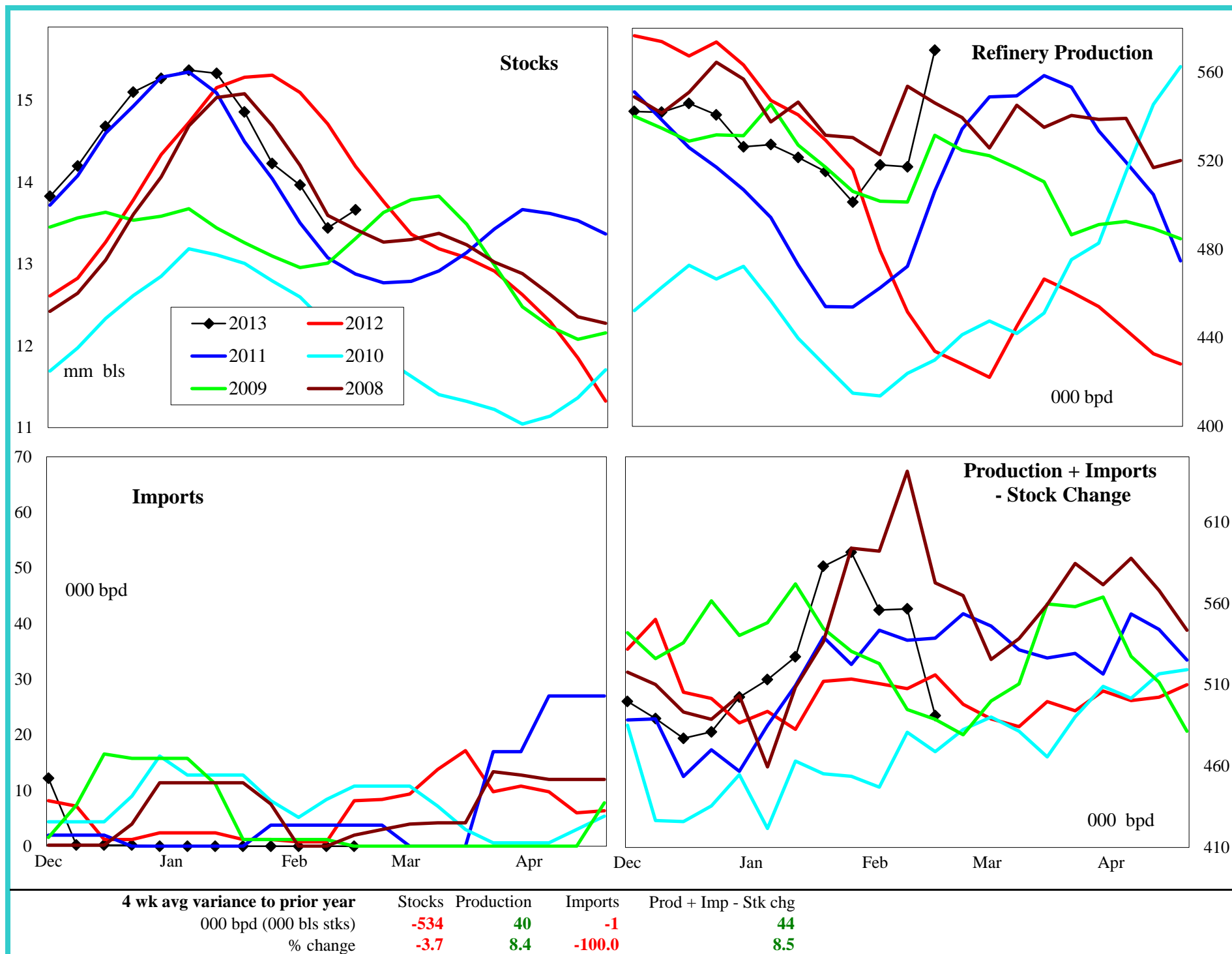
86.1

Prod + Imp - Stk chg

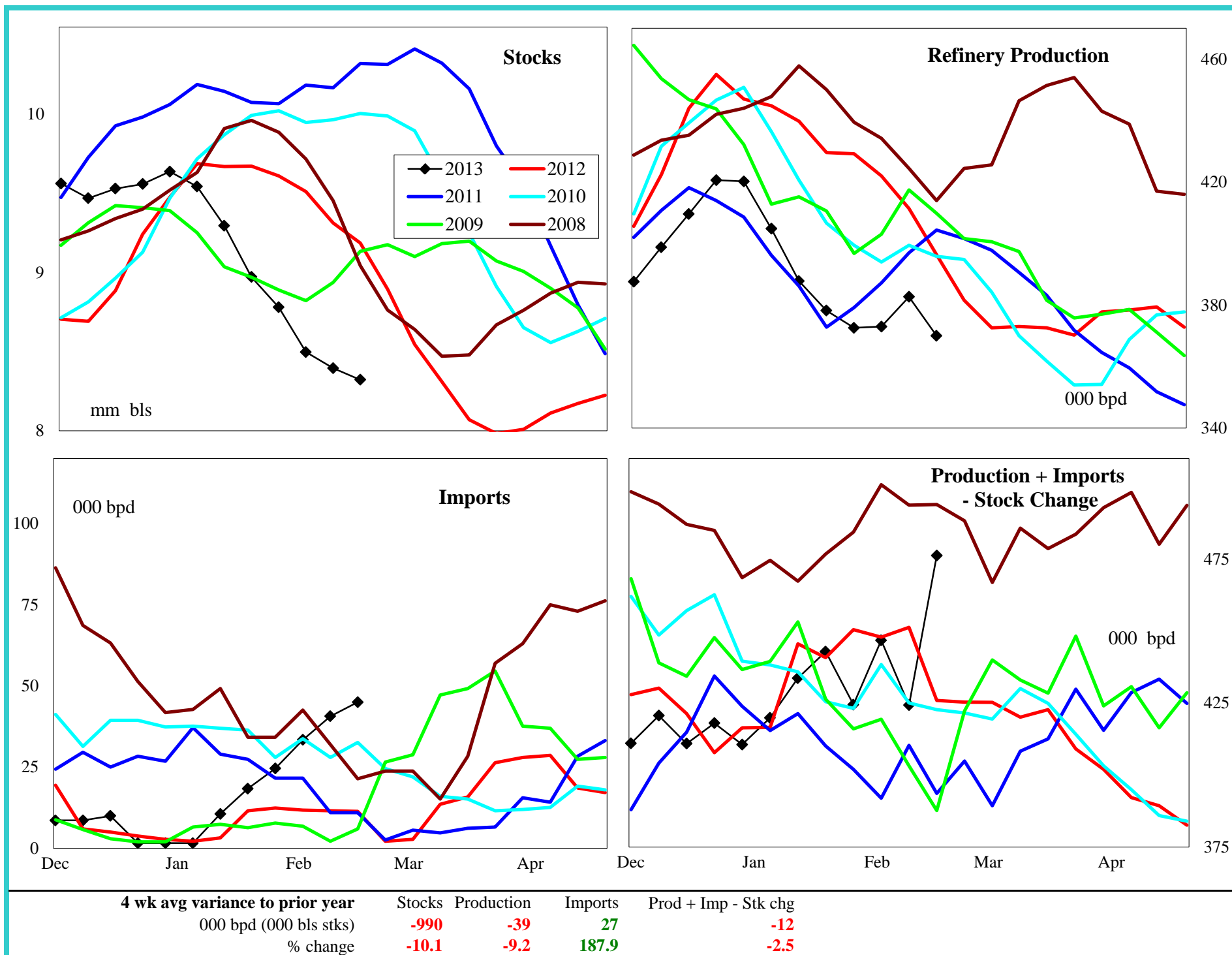
-26

-5.2

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

