



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

A Fundamental Petroleum Trends Weekly Report

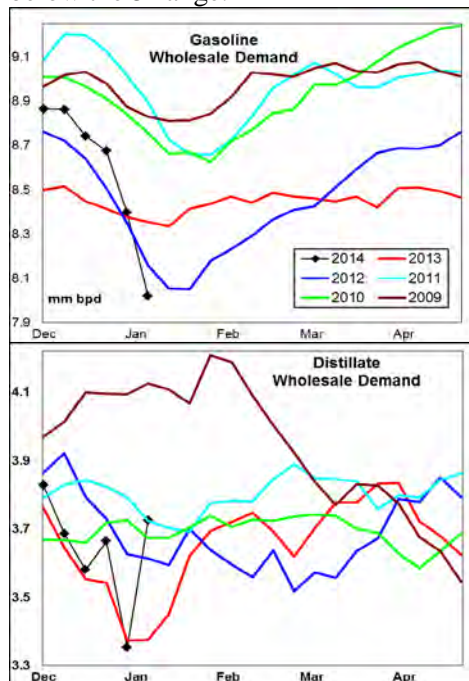
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, January 15, 2014



Major Fundamental Trends¹

Weather disruptions led to a -1.3 million bpd drop in transport fuel production last week; far greater than the -0.4 million bpd decrease in crude oil runs.

Wholesale distillate demand rebounded from prior week lows, rising +0.7 million bpd on increased commercial transport activity following the holiday week and inclement weather. Gasoline wholesale demand extended the seasonal downtrend, falling to a level below the 5-range.

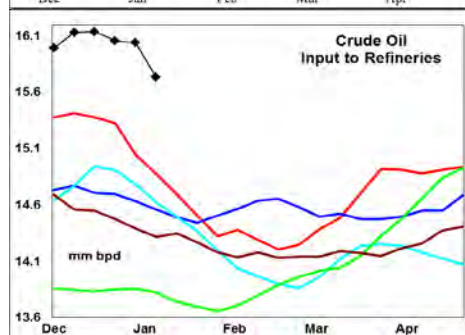
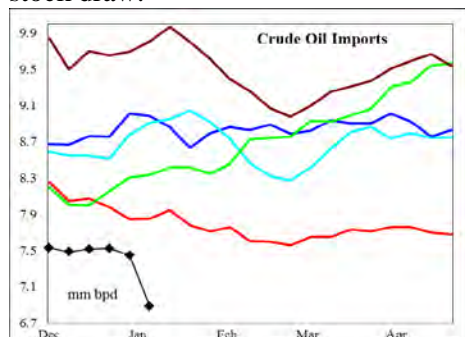


The rebound in distillate demand and reduced production led to a -1 million barrel stock draw for the week. Gasoline stocks jumped +6.2 million barrels, lifting the stock level to a 5-yr high for this time of year. *Both gasoline and distillate stock change for the latest 4-wk period in markets East of the Rockies was near the 3-yr mid range.*

Crude oil imports fell -1.1 million bpd last week with decreases in all regions except the Midwest.

¹ Source is latest EIA Weekly Statistics

Combined with refinery runs that exceeded last year by +0.9 million bpd, the result was a -7.7 million barrel stock draw.



Demand for distillate spike +0.7 million bpd last week while gasoline extended the seasonal downtrend. Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +2.7%; distillate was +5.4% higher; jet fuel was +12% higher, and residual decreased -16%.

Stocks forward coverage: Gasoline demand coverage increased on a +6.2 million barrel stock build and very low wholesale demand. Coverage ended the week at a level slightly below the last 2-yrs.

Distillate coverage decreased on a -1 million barrel stock draw and spike in wholesale demand. Coverage ended the week at a level well below the 5-yr range.

Jet fuel coverage decreased on a -0.3 million barrel stock draw for the week. Coverage levels remain extremely low.

Residual fuel oil coverage remains extremely high on very low demand and stock levels well above the historic mid range.

Refinery utilization rates fell on a -

403,000 bpd declined in crude oil runs last week. During the latest 4-wk period crude oil input was +0.8 million bpd above a year ago.

Gasoline yield % on crude oil runs fell last week on a -0.8 million bpd decrease in output compared to the -403,000 bpd decline in crude oil runs. Yield % on crude oil runs ended the week at a record low level.

Distillate yield % on crude oil runs fell last week, on a -370,000 bpd decrease in output compared to the smaller decline in crude oil runs. The yield % on crude oil runs ended the week at a level below the last 3-yrs.

Jet fuel yield % on crude oil runs decreased on a -138,000 bpd decline in output, compared the decrease in crude oil runs. The yield % level fell below the last 2-yrs.

Petroleum Imports/Exports: Imports of crude oil plunged -1.1 million bpd last week, with declines in all regions except the Midwest. Imports of gasoline and distillate were slightly higher on the week.

During the latest 4-wk period crude oil imports were -0.4 million bpd below last year; distillate imports were -17,000 bpd lower; finished gasoline imports were -6,000 bpd lower, gasoline blend stock imports were -93,000 bpd lower; jet fuel imports increased +31,000 bpd, while residual fuel oil imports were -1,000 bpd lower.

The latest weekly export estimate saw a +36,000 bpd increase in gasoline, a +276,000 bpd jump in distillate and +14,000 bpd rise in jet fuel compared to a year ago.

Crude Oil stocks declined -7.7 million barrels last week, including a -5.3 million barrel draw in the Gulf region. The decline was driven by crude oil runs +0.9 million bpd above last year and a -1.1 million bpd drop in imports last week. Stocks in Cushing OK increased +0.1 million barrels on the week, a level -5.1 million barrels below last years' record high.



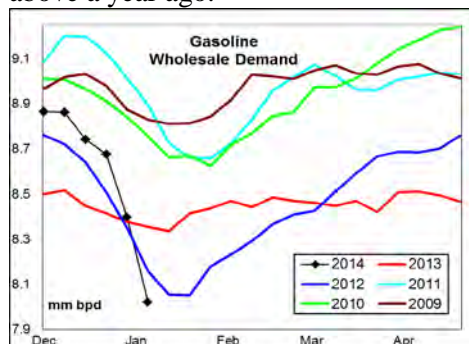
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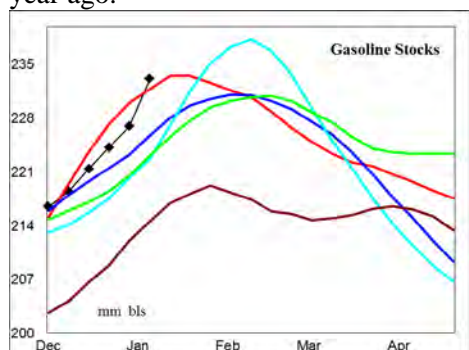
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Product Supply-Demand Trends

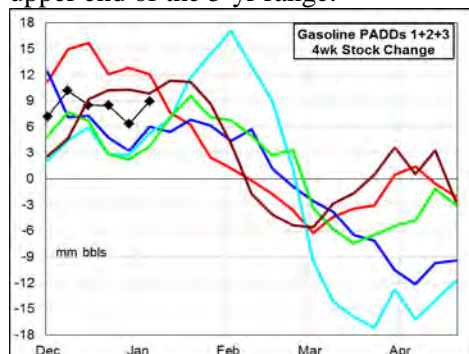
Gasoline wholesale demand fell -253,000 bpd last week on very low seasonal demand. The latest 4-wk average demand was +227,000 bpd above a year ago.



Supply fell -0.7 million bpd on sharply lower production; with imports at record lows. Supply for the latest 4-wk period was +194,000 bpd above a year ago.



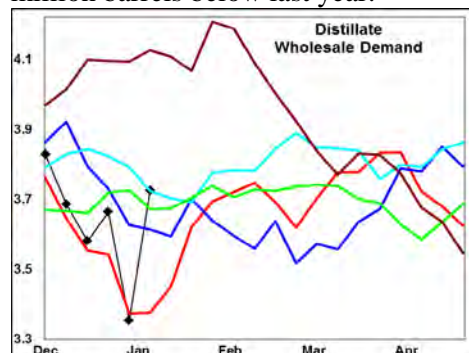
Stocks increased +6.2 million barrels last week, to a level above the 5-yr range. The latest 4-wk stock change in markets East of the Rockies was a +9.8 million barrel build, a level near the upper end of the 5-yr range.



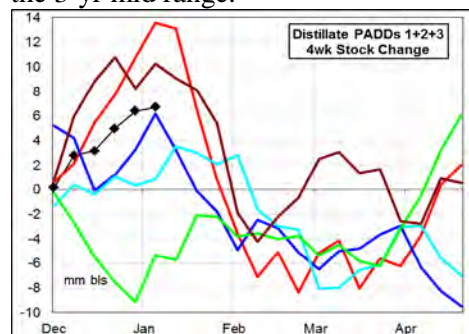
Look for wholesale demand to trend seasonally higher after mid January. Restart of refiners after recent weather disruptions should increase output in the near term. Expect a seasonal stock

peak by month end, then trend lower as Gulf refiners undertake winter maintenance.

Distillate wholesale demand jumped +0.7 million bpd last week in improved weather and higher commercial use following the prior holiday week. The latest 4-wk average demand was +183,000 bpd above last year. Supply fell -276,000 bpd last week on lower production. The latest 4-wk average supply was +193,000 bpd above last year. Stocks declined -1 million barrels on the week, to a level -8.5 million barrels below last year.



The latest 4-wk stock change in markets East of the Rockies was a +6.7 million barrel build, a build equal to the 3-yr mid range.

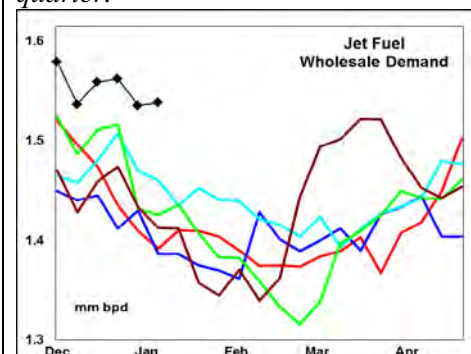


Look for robust wholesale demand in the near term on high heating use in the Northeast and a pickup in export loadings. A seasonal decrease in production and rebound in exports should keep stock levels below the 5-yr range during the 1st quarter.

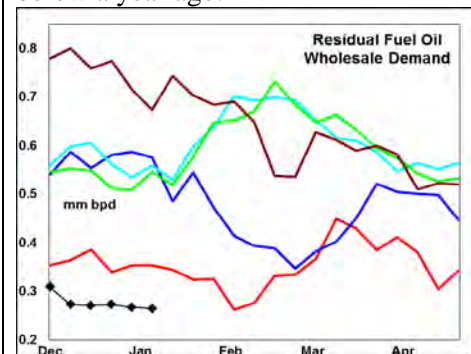
Jet Fuel wholesale demand decreased -20,000 bpd last week, with the level well above the 5-yr range. The latest 4-wk average demand was +163,000 bpd above a year ago.

Supplies fell -151, a new record high. Output for the most recent 4-wk period was +109,000 bpd above a year ago. Imports were also +31,000 bpd above a year ago. Stocks decreased -0.3 million barrels last week, to a level -3.3 million barrels below a year ago, and below the 5-yr range.

A record level of production and higher imports has been offset by a surge in wholesale demand that has kept stock levels extremely low in all major regional markets. A sharp drop in seasonal demand should lead to improved stock levels during the 1st quarter.



Residual fuel oil demand decreased -1,000 bpd last week. Demand for the latest 4-wk period was -42,000 bpd below a year ago.



Supply (production + imports) decreased -75,000 bpd on lower imports. Production was +93,000 bpd above a year ago for the latest 4-wk period. Stock levels ended the week +1.6 million barrels above the last 2-yr.

Stocks jumped +1.8 million barrels in the Gulf region last week, to new record highs. Stock levels on the East Coast ended the week at a record low.



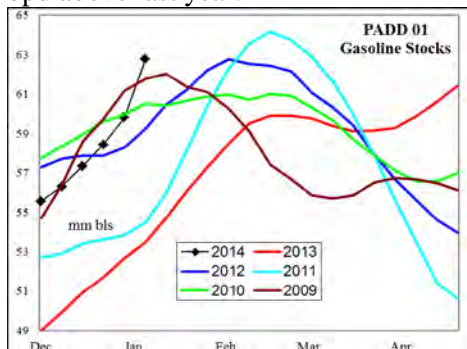
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PADD Supply Trends

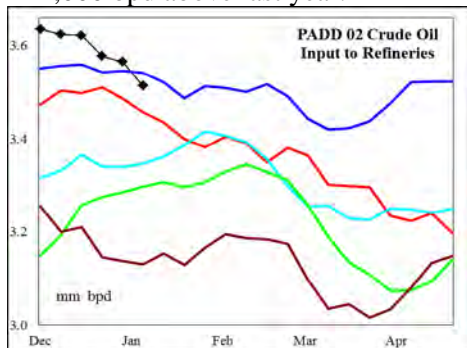
PADD 1 refinery crude oil runs decreased -127,000 bpd last week; with the latest 4-wk average +36,000 bpd above last year.



Gasoline supply increased +110,000 bpd on the week, with the level +33,000 bpd above last year for the most recent 4-wk period. Stocks jumped +3.4 million barrels last week, to a level above the 5-yr range.

Distillate supply increased +17,000 bpd last week, on higher imports. Stocks fell -2.5 million barrels on the week, to a level -7.4 million barrels below the 5-yr range.

Jet fuel supplies decreased -36,000 bpd last week, with the 4-wk average +21,000 bpd above last year.



PADD 2 crude oil refinery runs decreased -66,000 bpd last week, with the latest 4-wk average +65,000 bpd above last year. Crude oil stocks were nearly unchanged on the week, including a +0.1 million barrel build in Cushing.

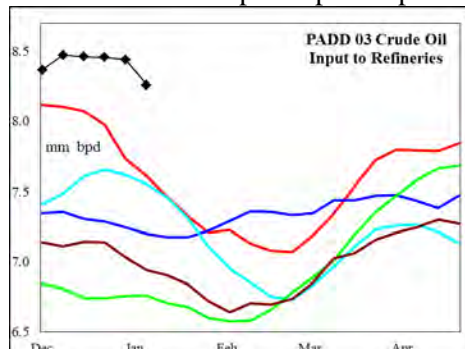
Gasoline supply was nearly unchanged last week at a level above the 5-yr range. Production for the most recent 4-wk period was +213,000 bpd above a year ago – driven by the EIA

recording sub octane product shipped into the Midwest as finished product production when blended with ethanol. Stocks increased +0.6 million barrels on the week, ending -2% below a year ago.

Distillate supply fell -121,000 bpd last week, with the 4-wk average +38,000 decreased -0.3 million barrels on the week, with the level -2% below last year.

Jet fuel production decreased -30,000 bpd last week, to a level near 5-yr lows. Stocks ended the week -12% below the historic range.

PADD 3 refinery runs decreased -243,000 bpd last week, with the level above the 5-yr range. During the latest 4-wk period, average runs were +581,000 bpd above last year. Crude oil stocks fell -5.3 million barrels last week, due to very high refinery runs and a -0.4 million bpd drop in imports.



Gasoline supply decreased -43,000 bpd last week, with the latest 4-wk average +94,000 bpd above a year ago. Stocks increased +0.6 million barrels last week, to a level near the 3-yr mid range.

Distillate supply fell -190,000 bpd on the week, with the latest 4-wk average supply +171,000 bpd above last year. Stocks increased +1.3 million barrels last week, to a level +5% above last year.

Jet fuel production fell -59,000 bpd on the week, with the level just above the 5-yr range. Stocks increased +0.6 million barrels on the week to a level near historic lows.

Residual fuel supply fell -45,000 bpd on lower imports. Stock levels

ended the week at a new record high.

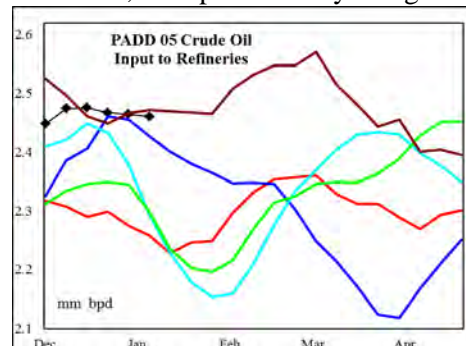
PADD 4 refinery crude runs increased +3,000 bpd last week, a level that matched the 5-yr high. Crude oil stock levels were +7% above the previous record high, while imports fell below the last 3-yrs.

Gasoline production increased +30,000 bpd on the week, to a level above the 5-yr range. Stocks increased +0.2 million barrels, to a level equal to the 3-yr mid range.

Distillate production was unchanged for the week, and -22,000 bpd below last year for the latest 4-wk period. Stocks increased +0.3 million barrels to a level above the 5-yr range.

Jet fuel production was at a 5-yr high for the week, with stocks near the 3-yr mid range.

PADD 5 crude oil refinery runs increased +30,000 bpd last week a level that matched historic highs for the period. The latest 4-wk run rate was +179,000 bpd above a year ago.

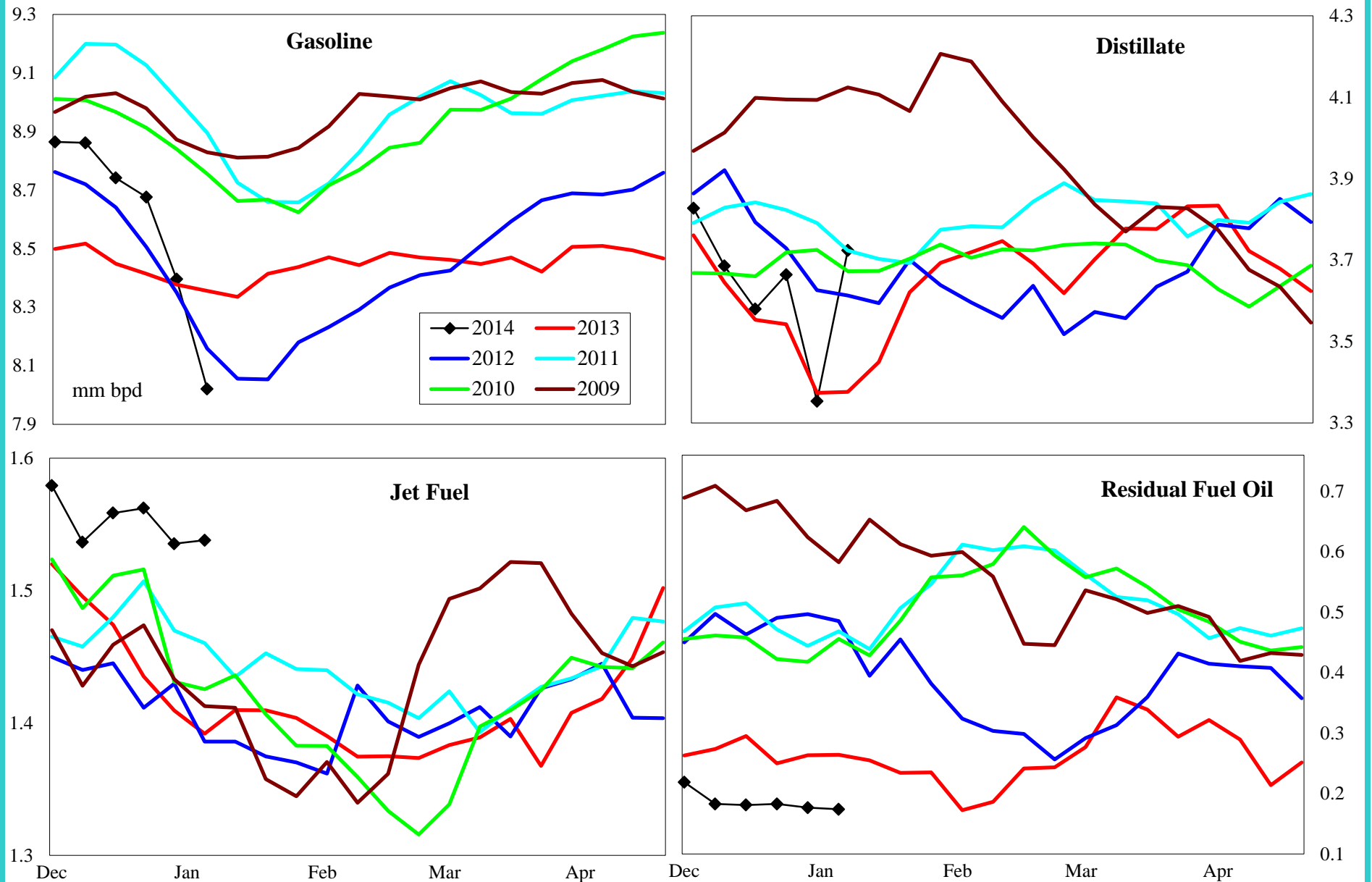


Gasoline supply increased +24,000 bpd on the week to a level just above the 5-yr range. The latest 4-wk average supply was +63,000 bpd above a year ago. Stocks increased +1.4 million barrels on the week to a level above the 3-yr mid range.

Distillate supply increased +19,000 bpd, with production sharply above the 5-yr range. The latest 4-wk average supply was +57,000 bpd above a year ago and a record high. Stocks ended the week -1.6 million barrels below the prior 5-yr high for the week.

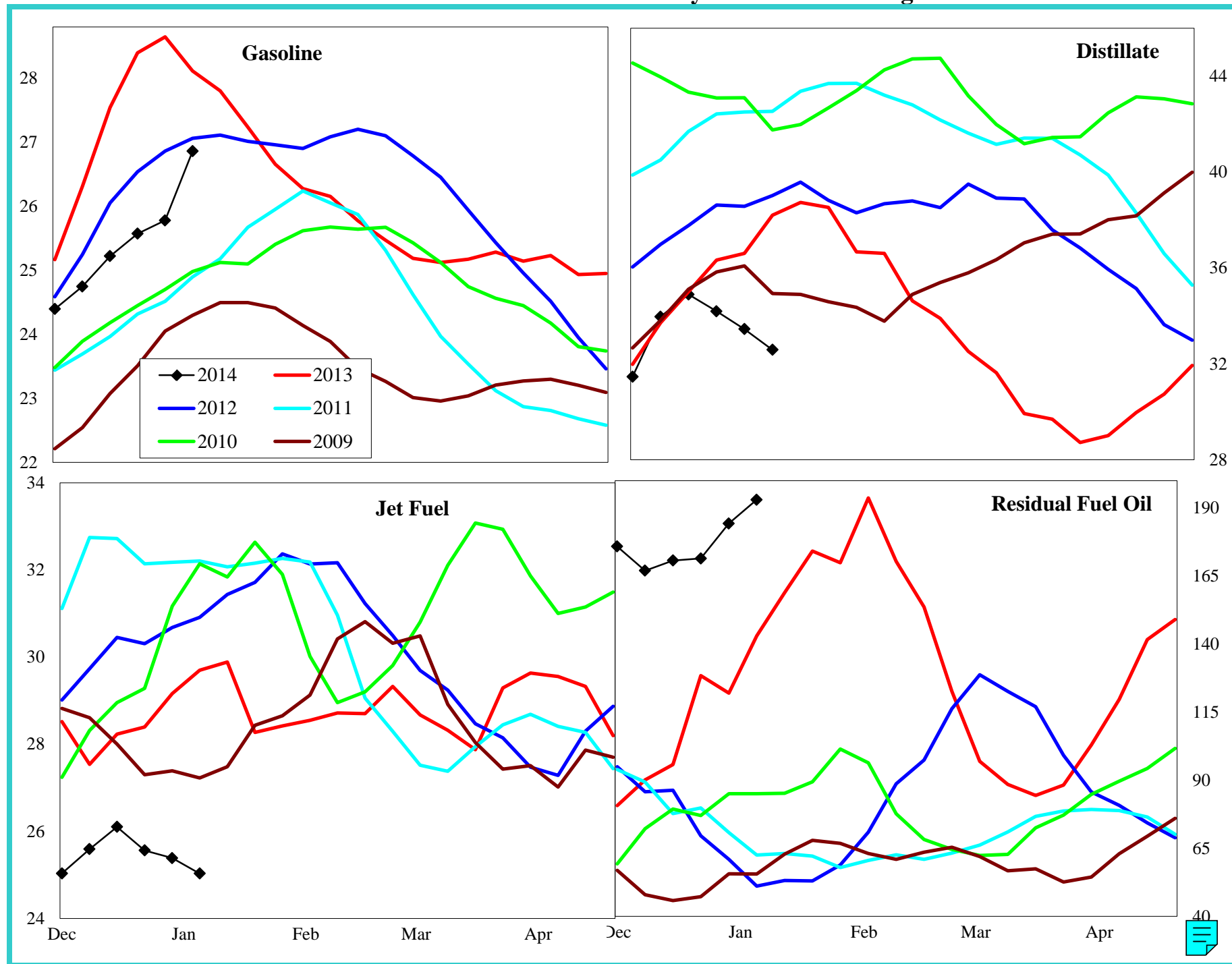
Jet fuel supply was +96,000 bpd above last year for the most recent 4-wk period, and a record high.

United States Wholesale Petroleum Demand

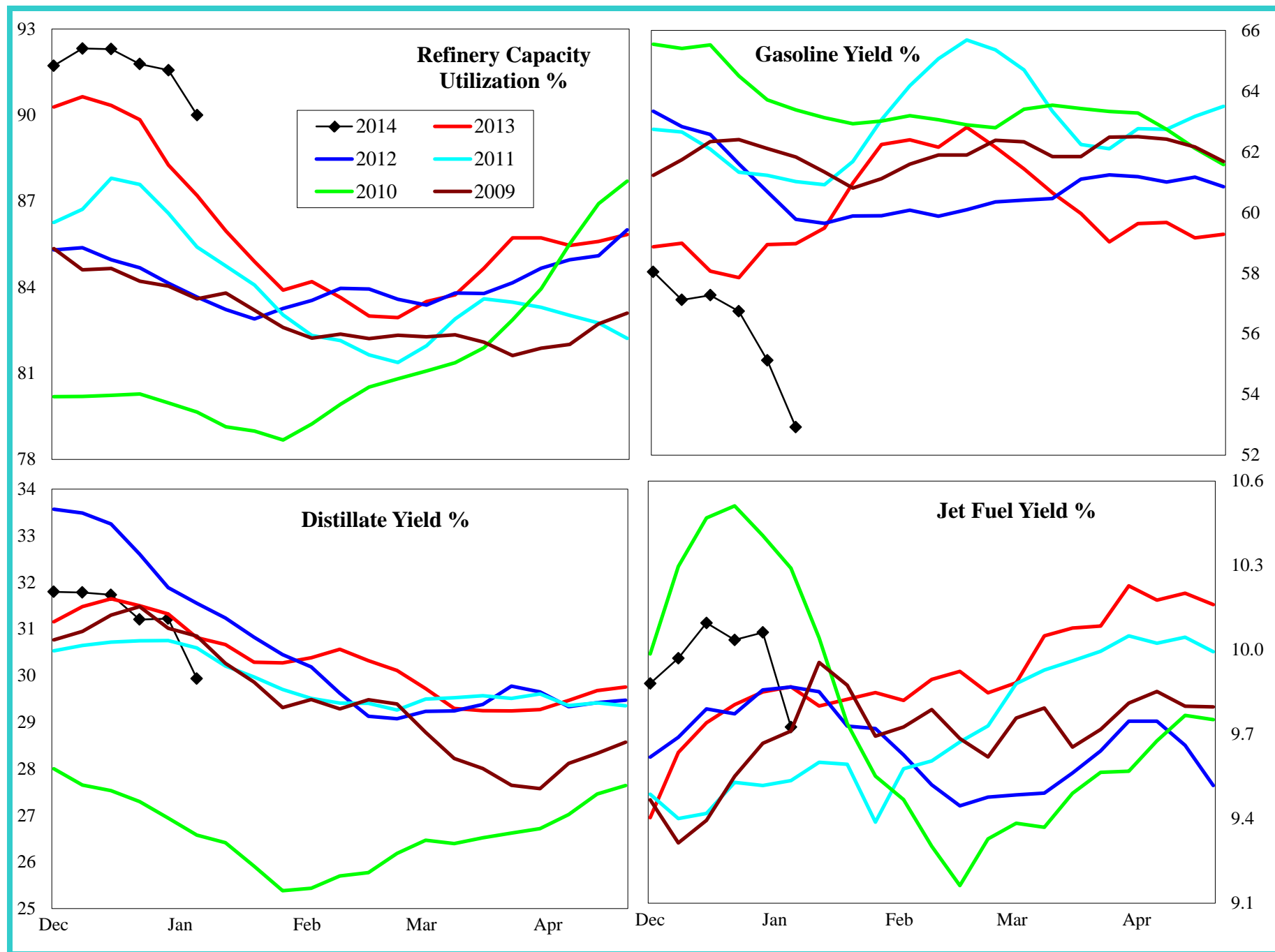


	000 bpd change from prior year				% change from prior year				
	4wk avg	Dec	Nov	Oct	4wk avg	Dec	Nov	Oct	
Gasoline	227	480	396	121	2.7	5.7	4.6	1.4	
Distillate	183	191	22	257	5.4	5.4	0.6	6.7	
Jet Fuel	163	146	132	111	11.9	10.6	9.4	8.3	
Resid	-42	33	-53	26	-16.4	17.4	-18.0	9.3	

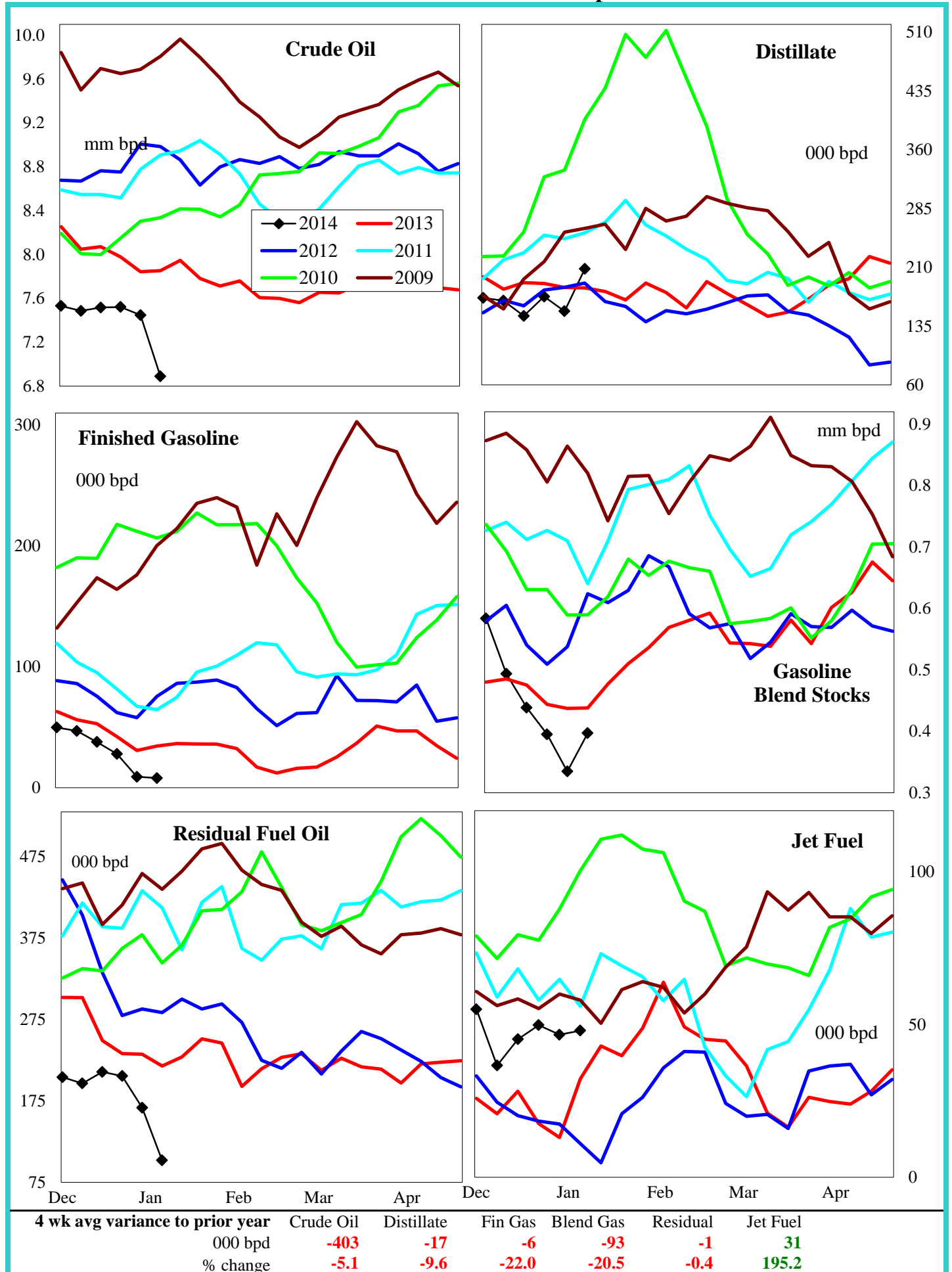


United States Product Stocks: Days Forward Coverage

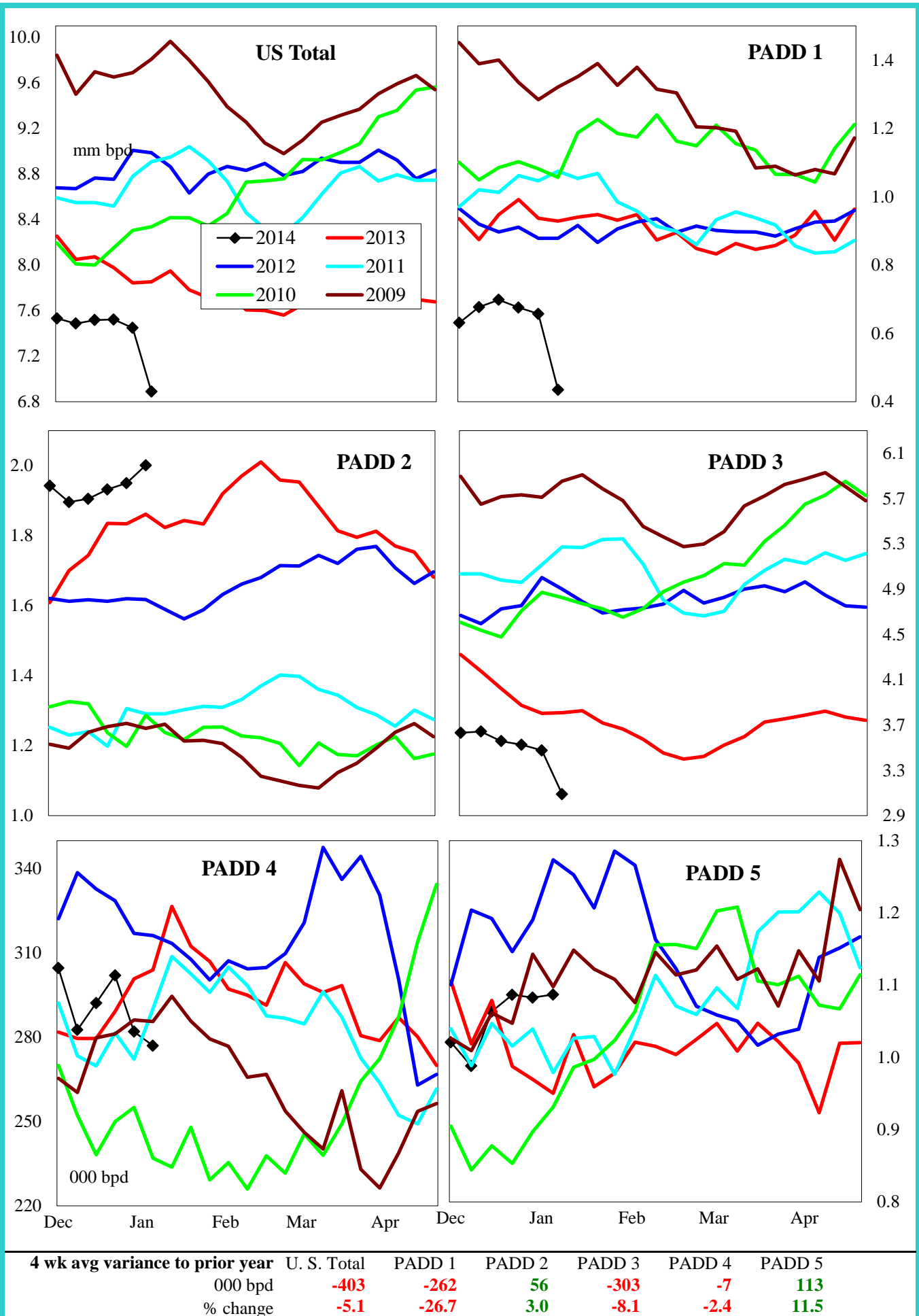
United States Refinery Percent Utilization Rate and Product Yields



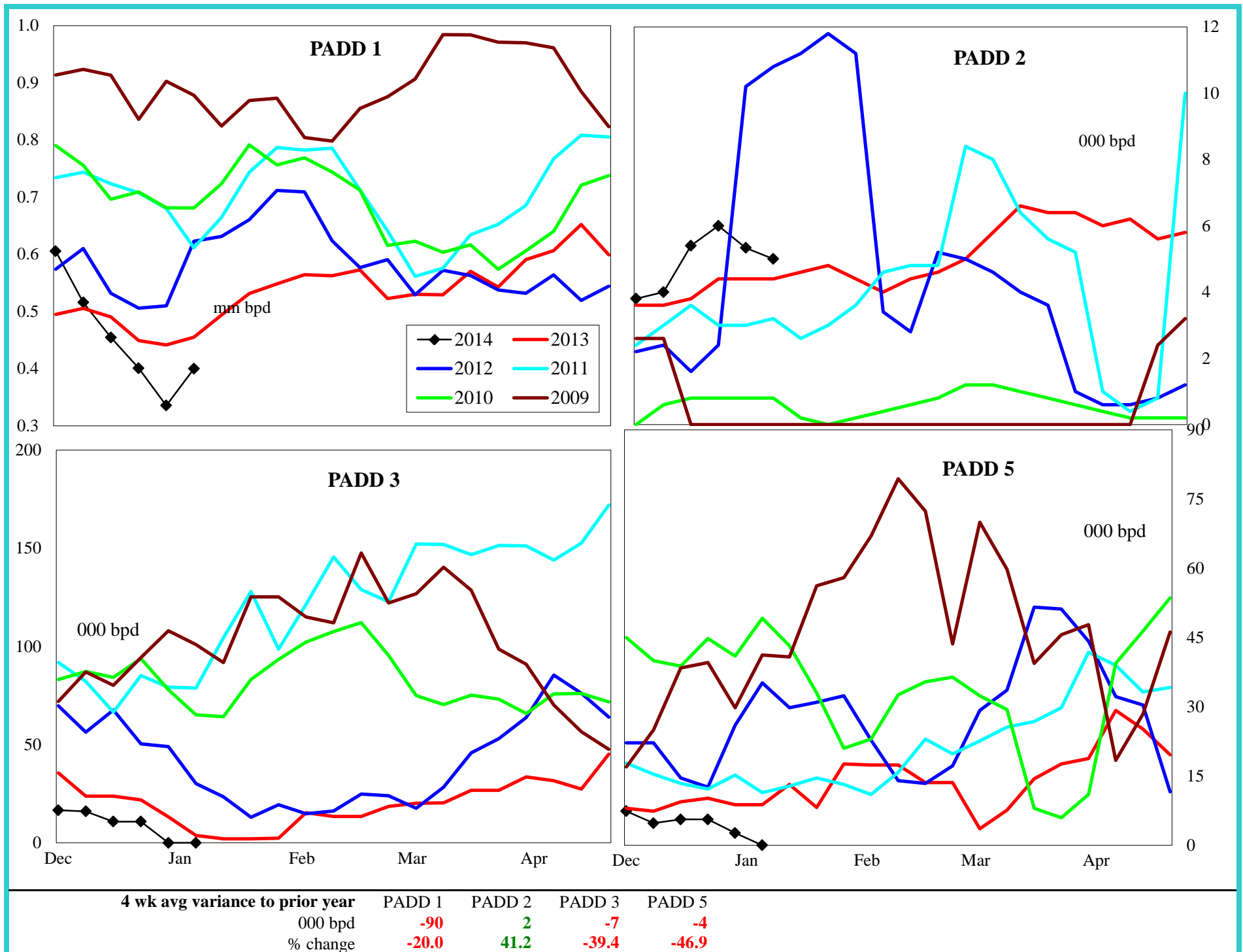
United States Petroleum Imports



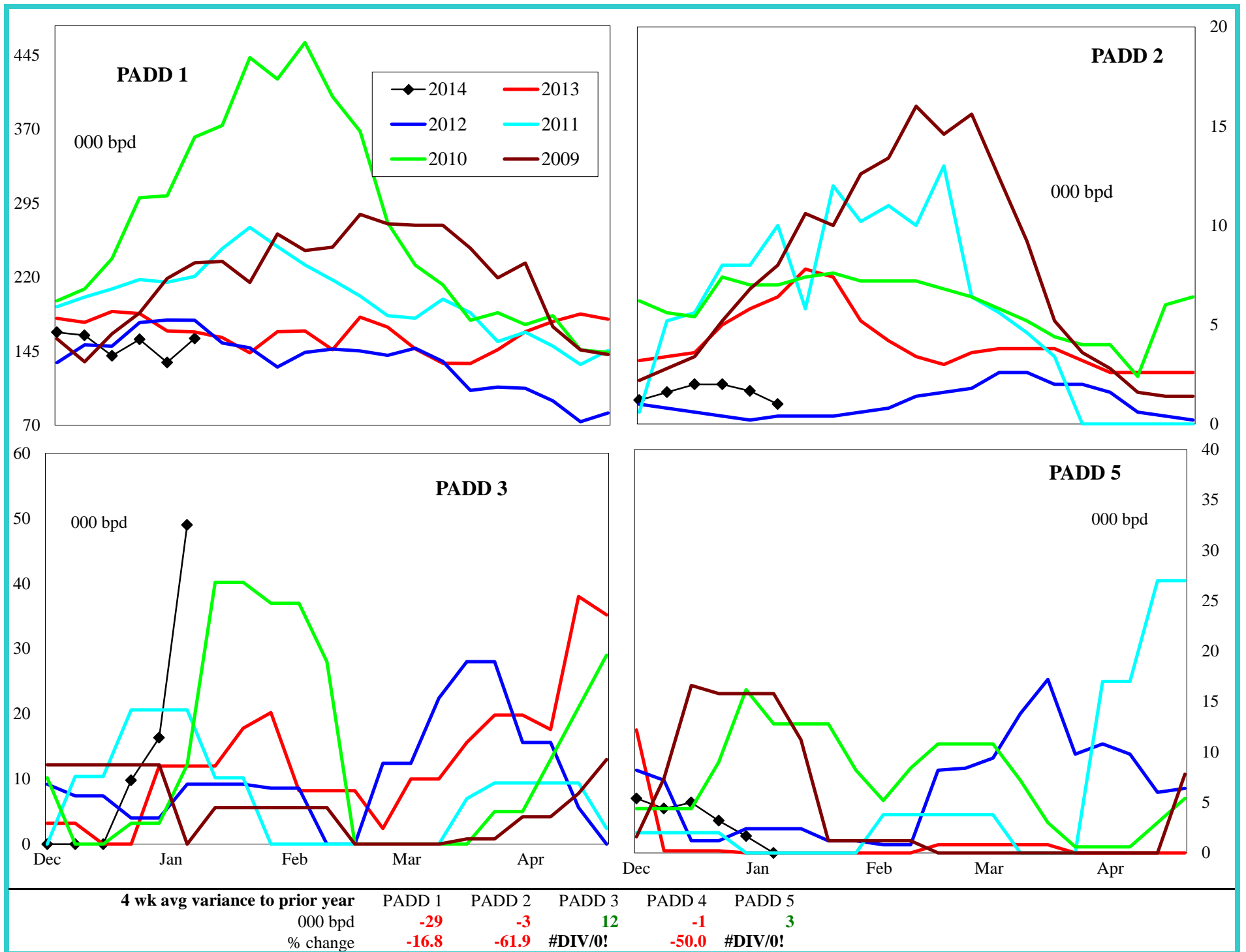
Crude Oil Imports by PADD



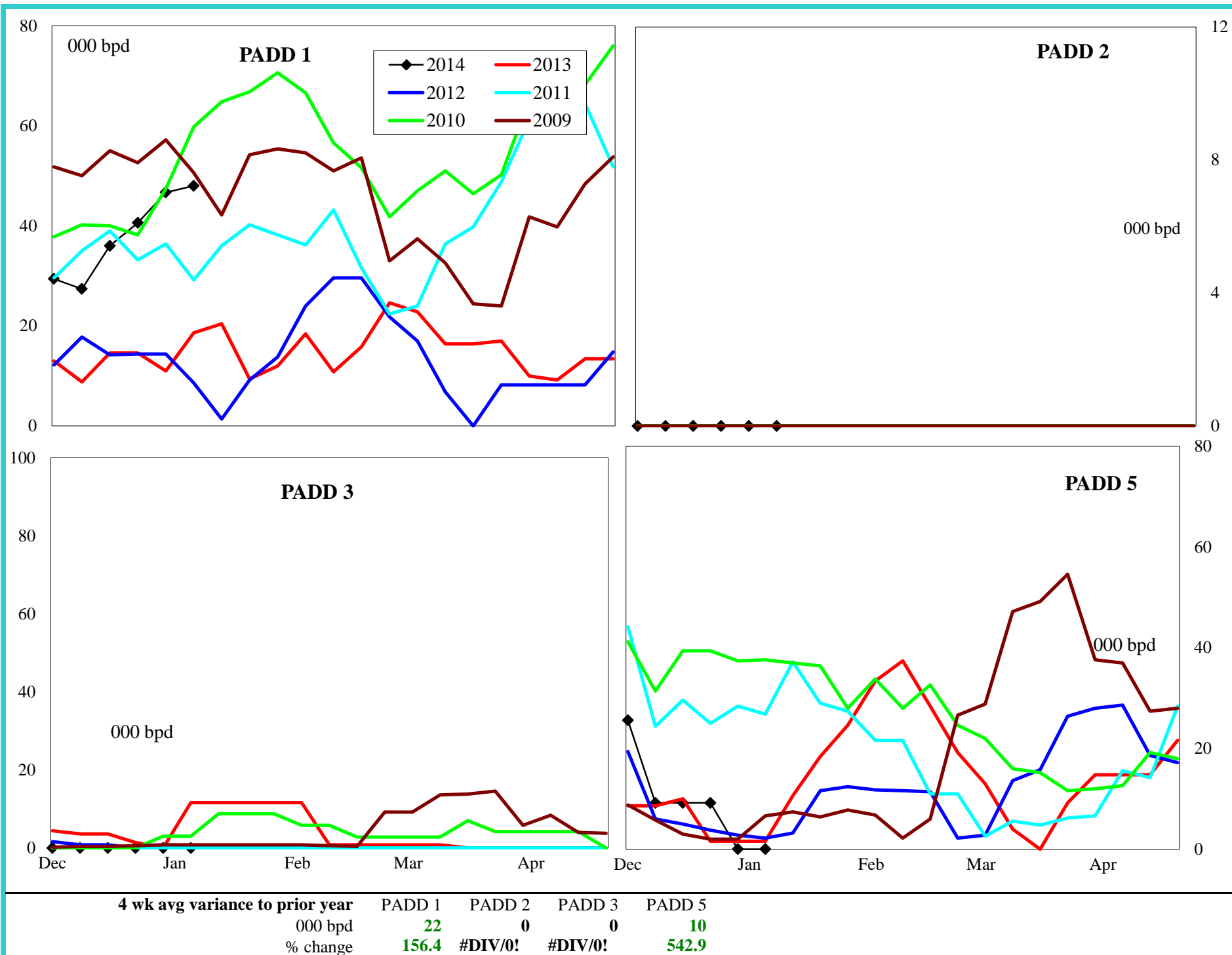
Gasoline Imports by PADD (Finished + Blend Stocks)



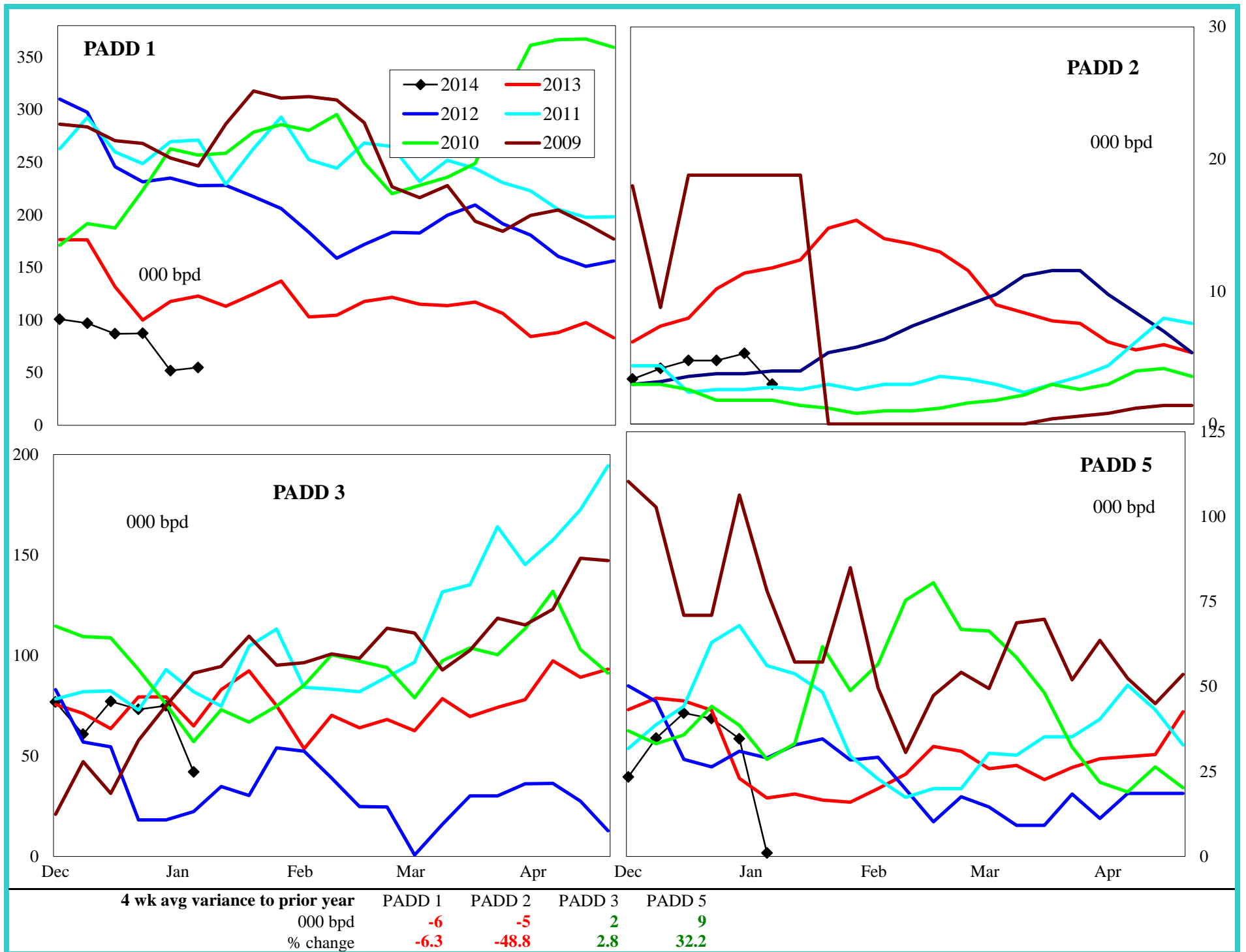
Distillate Imports by PADD



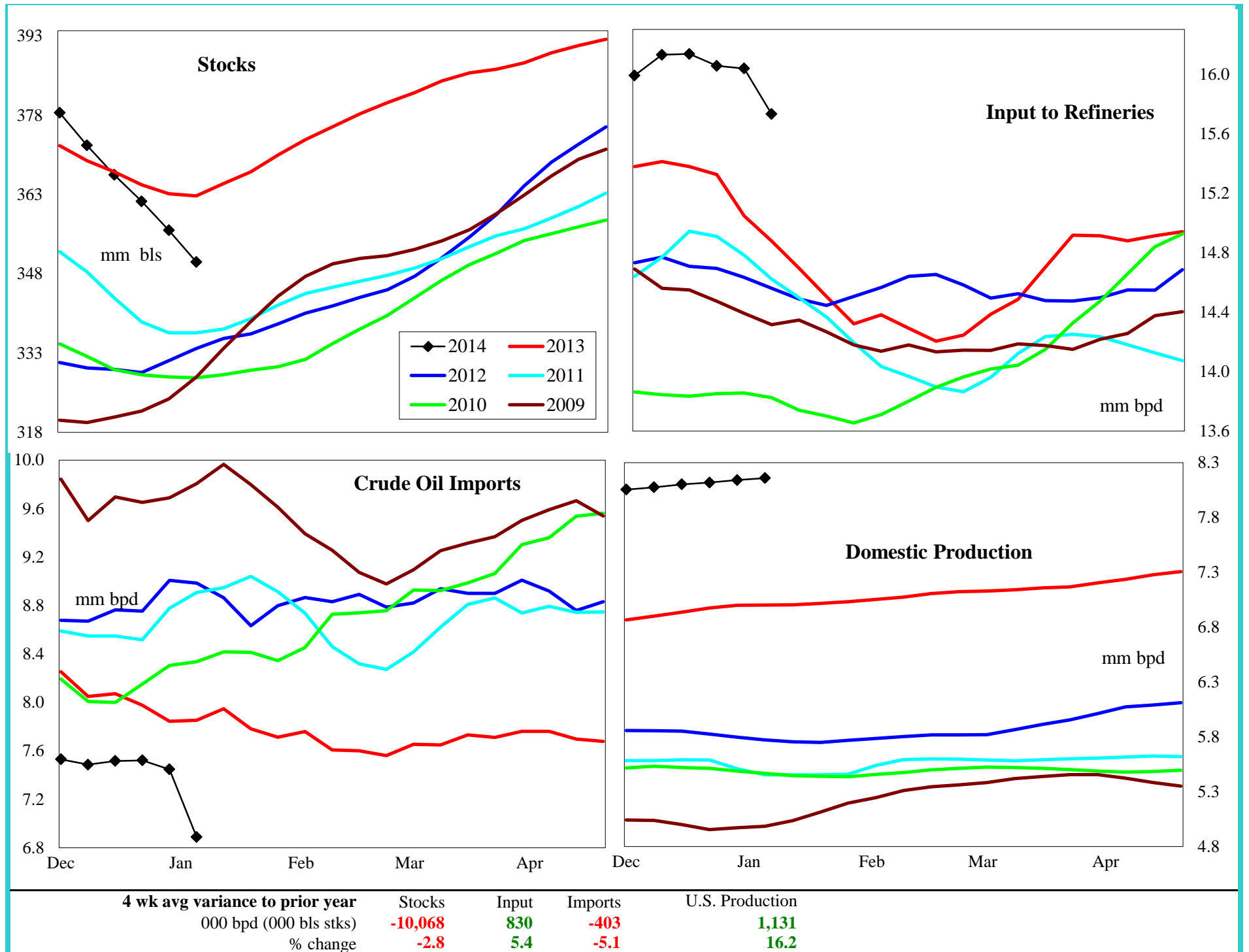
Jet Fuel Imports by PADD



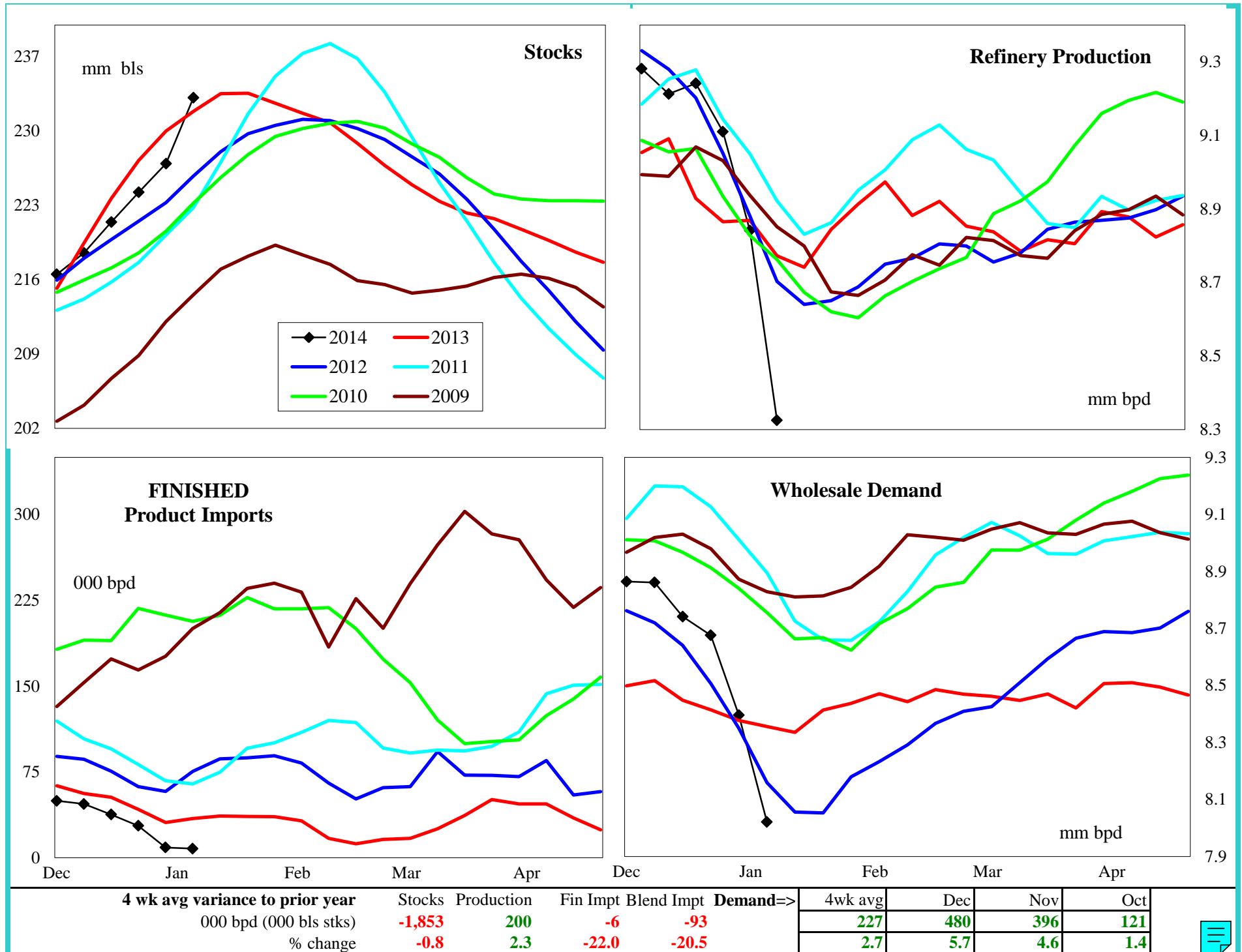
Residual Fuel Oil Imports by PADD



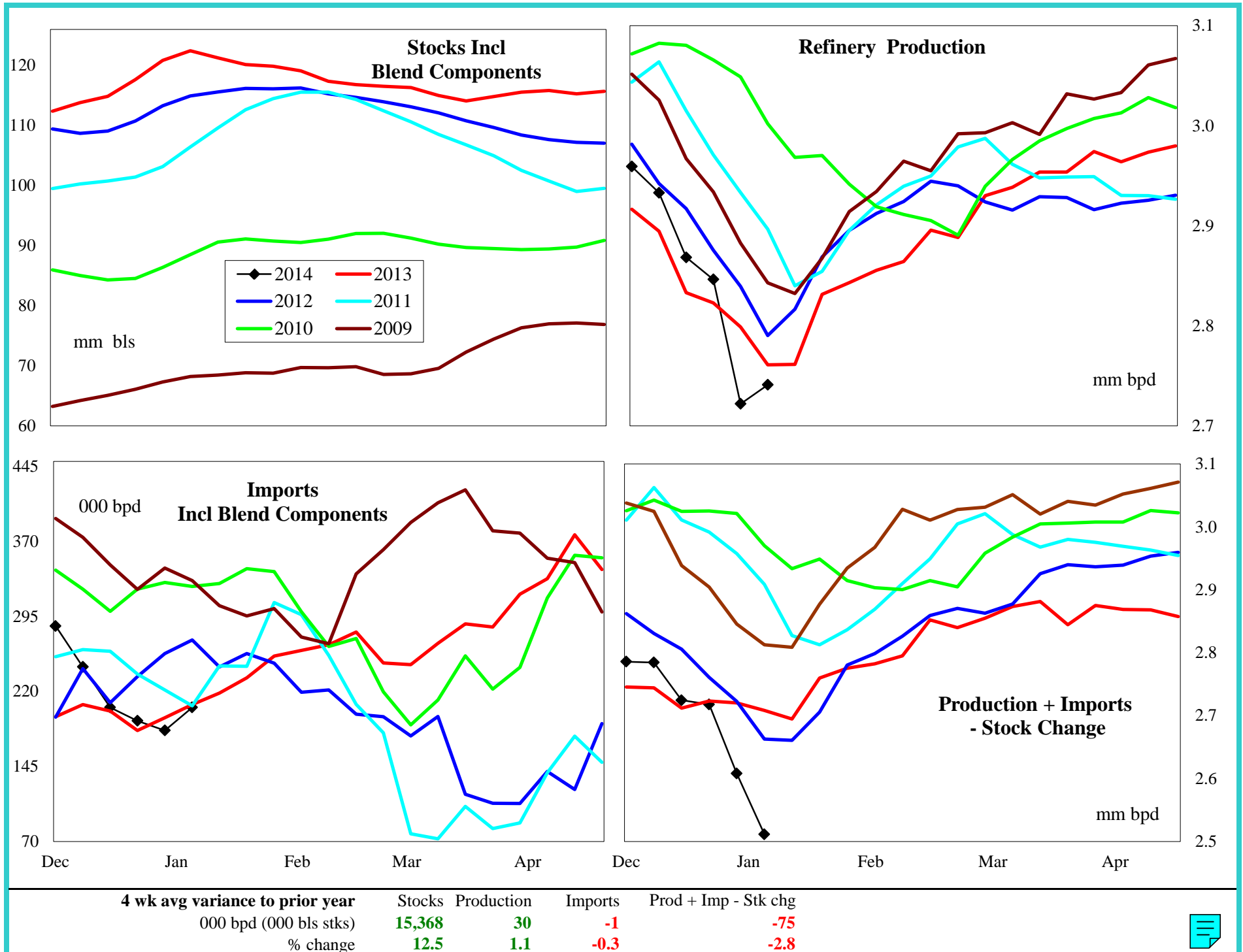
United States Crude Oil Supply and Demand Balance



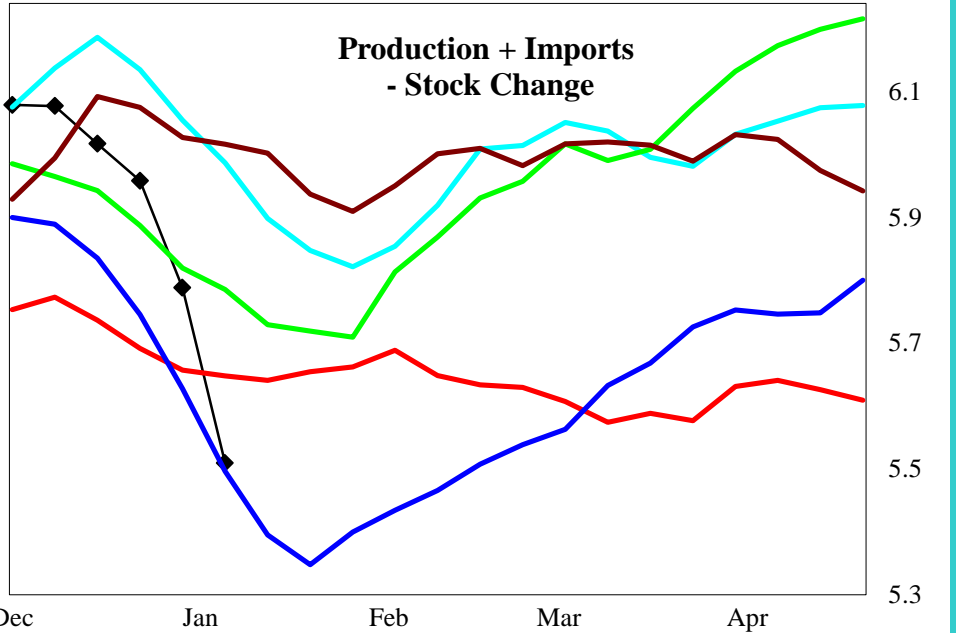
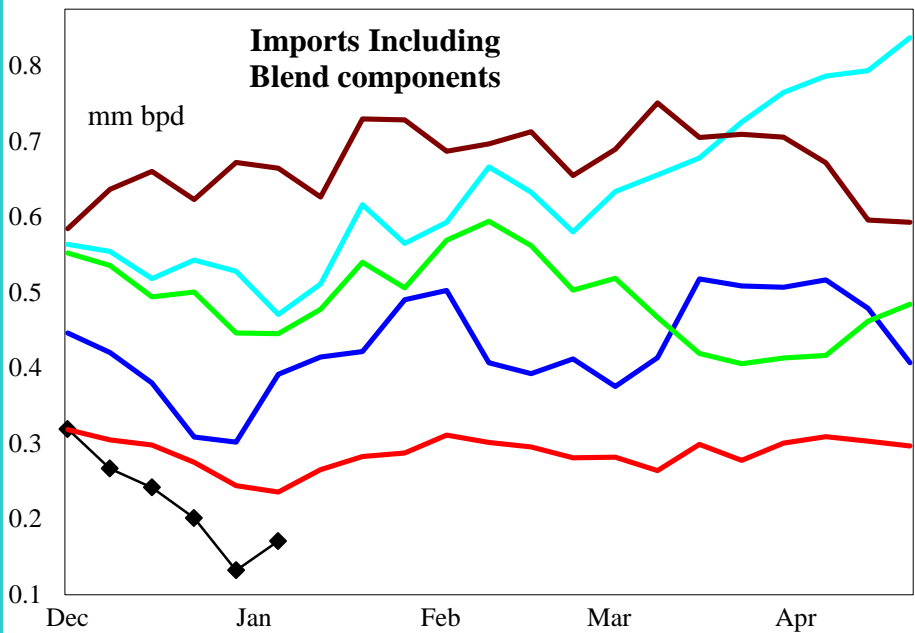
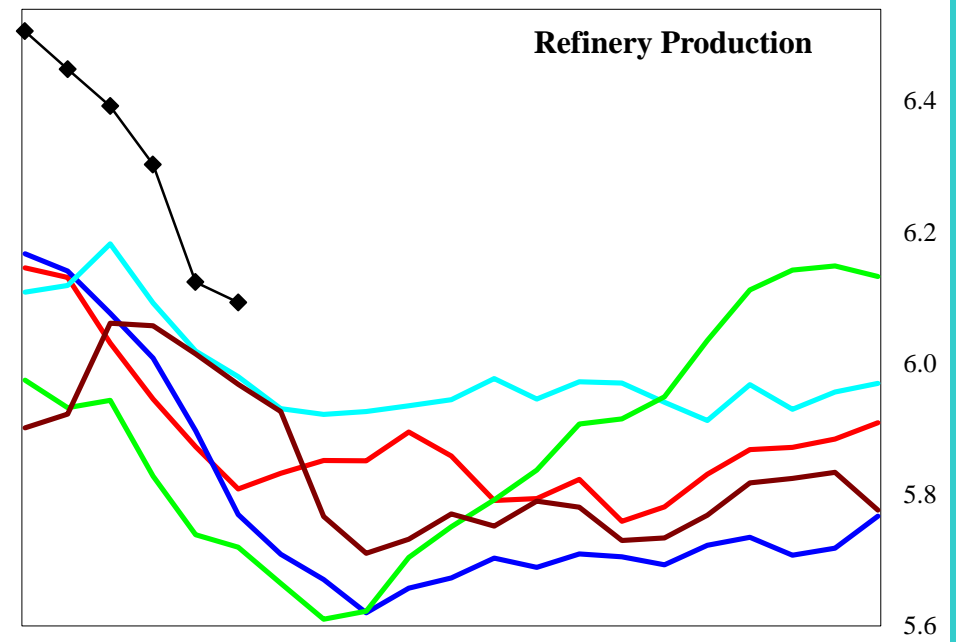
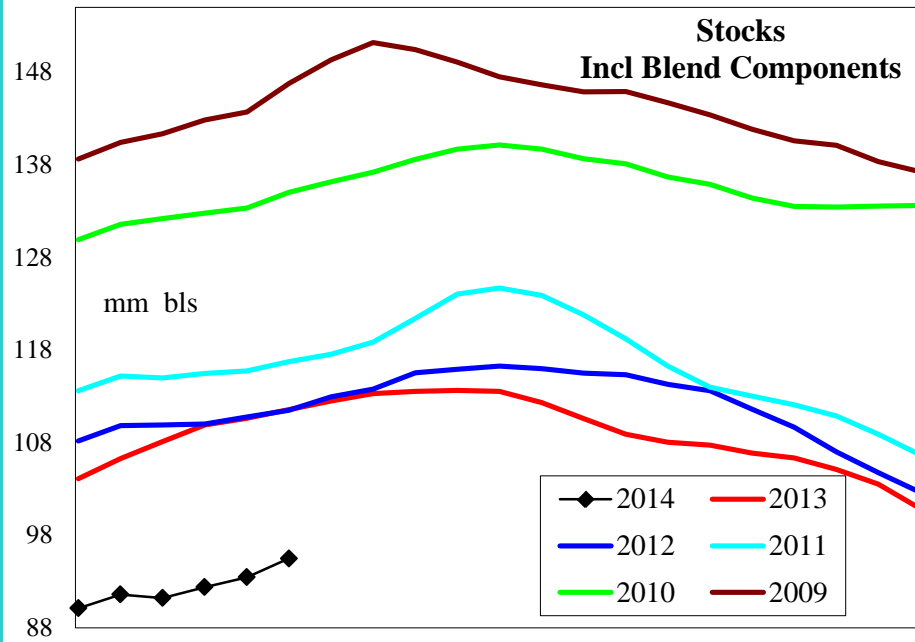
United States Gasoline Supply and Demand Balance



United States Reformulated Gasoline Supply



United States Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-16,060

-14.4

Production

390

6.6

Imports

-77

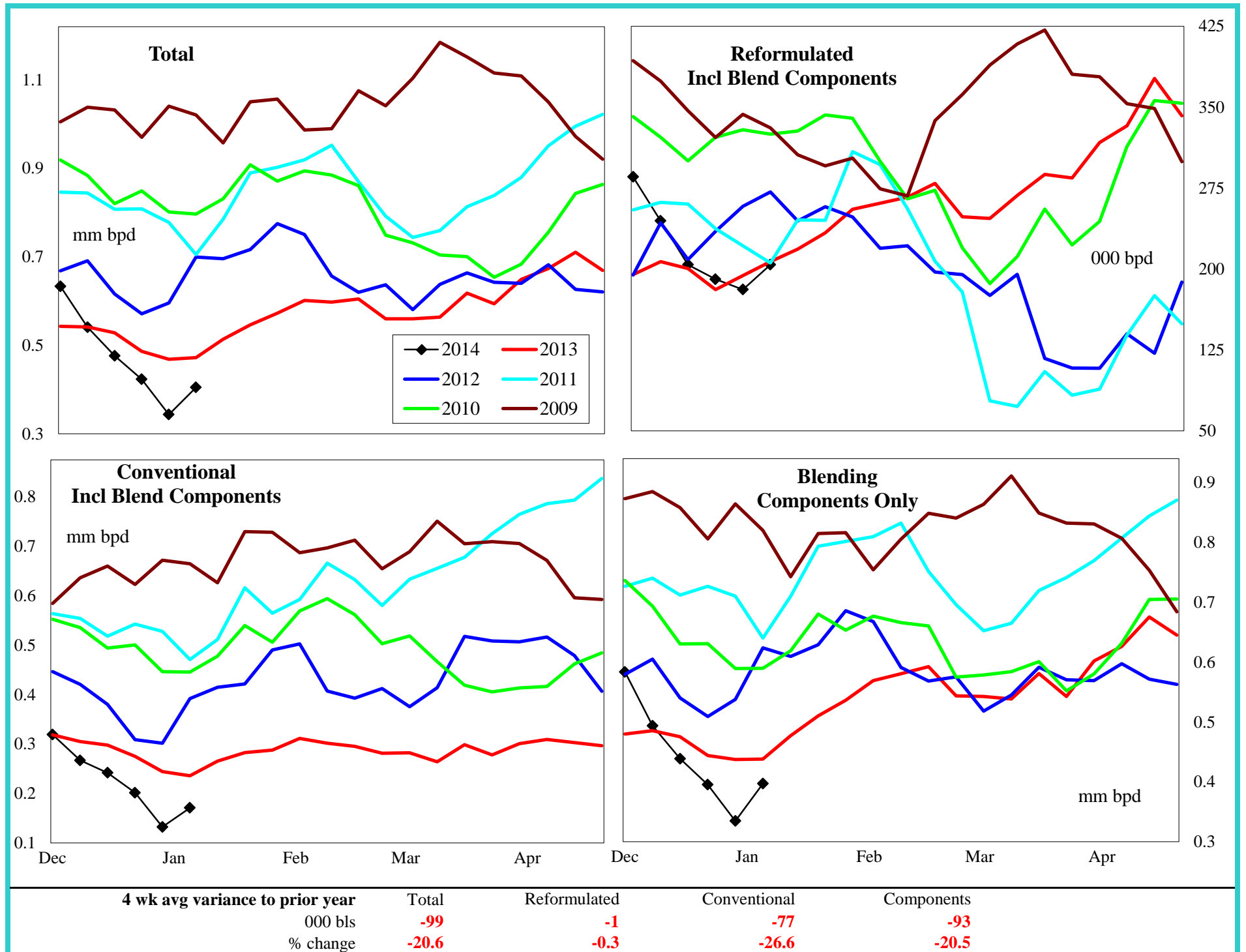
-26.6

Prod + Imp - Stk chg

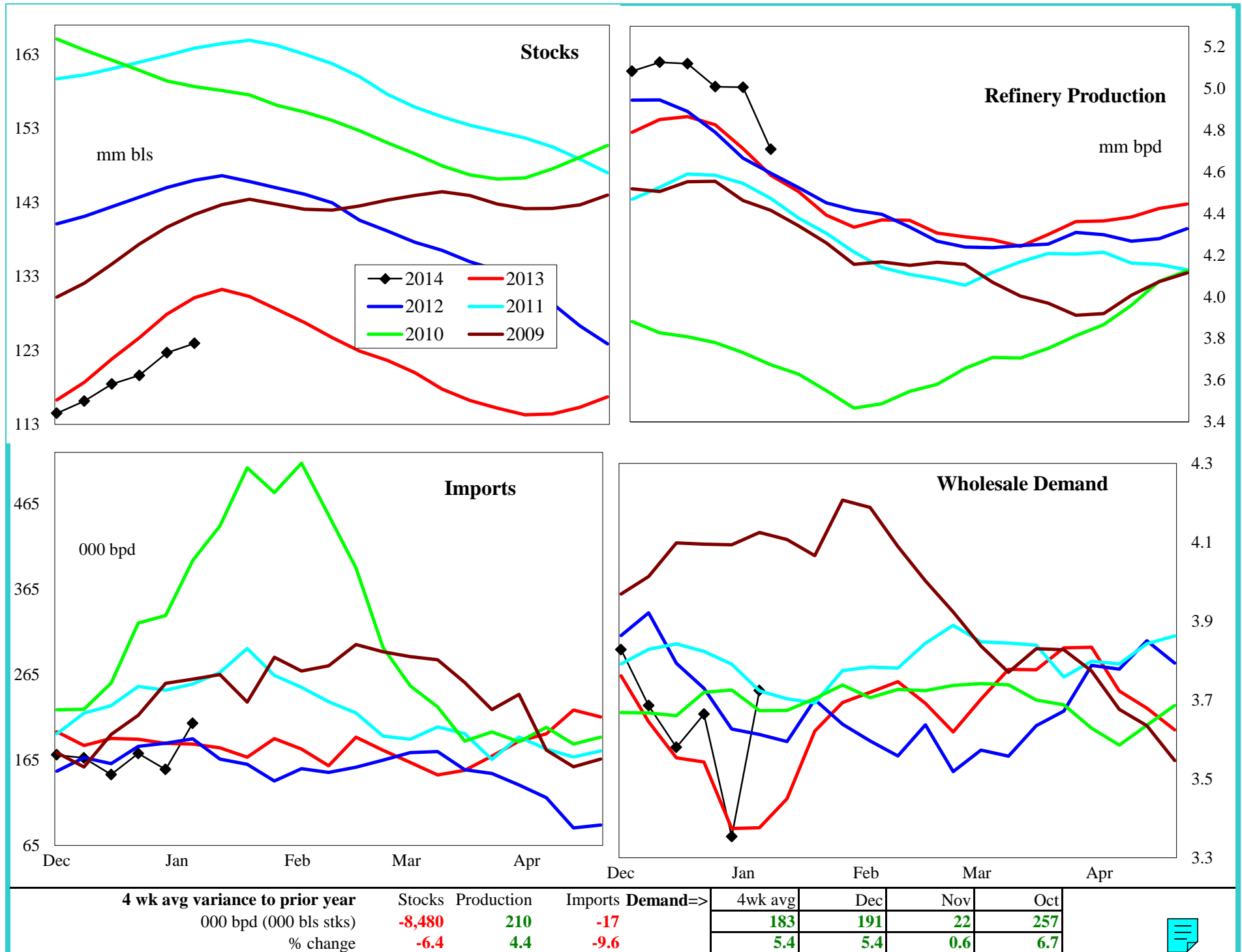
135

2.4

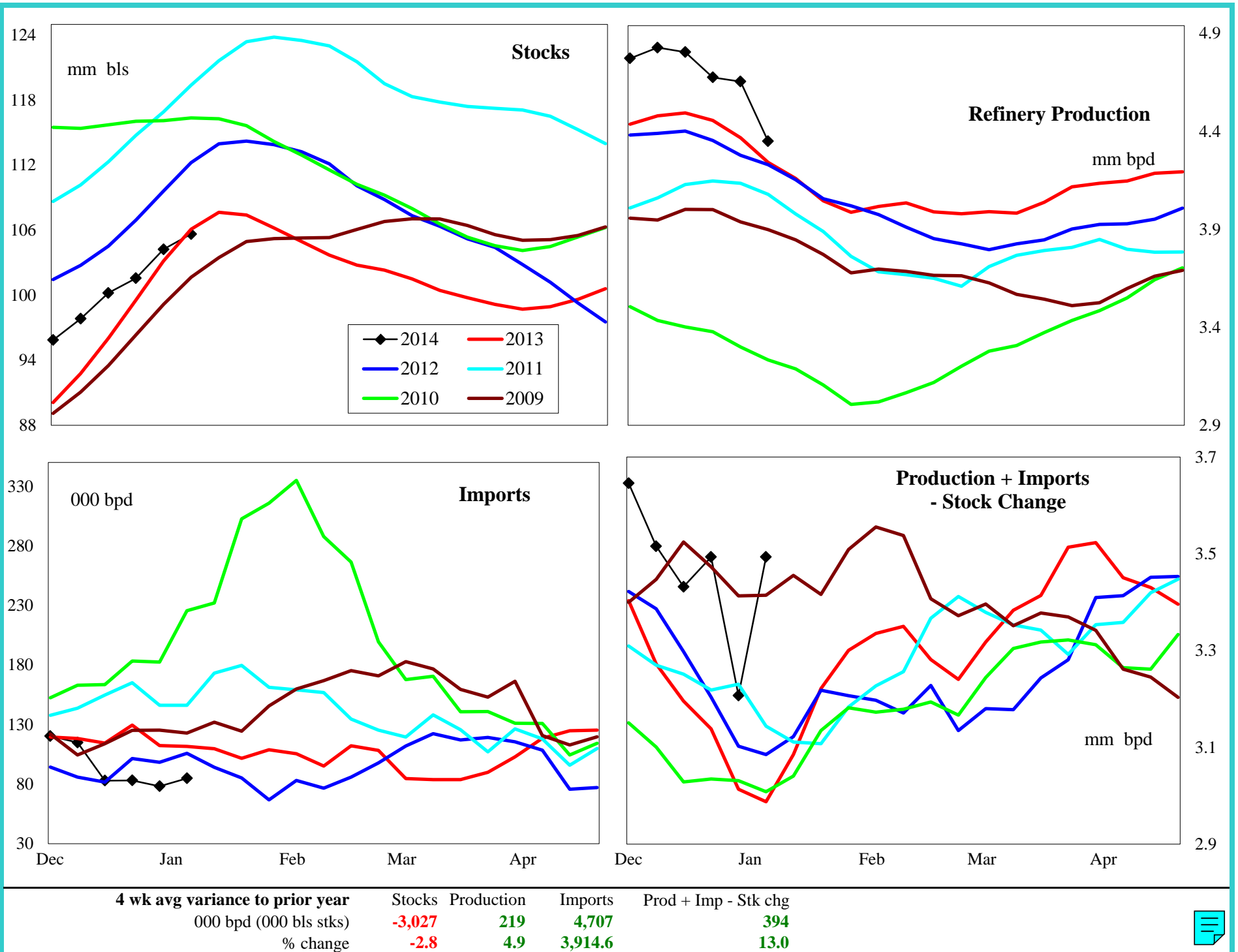
United States Gasoline Imports by Type



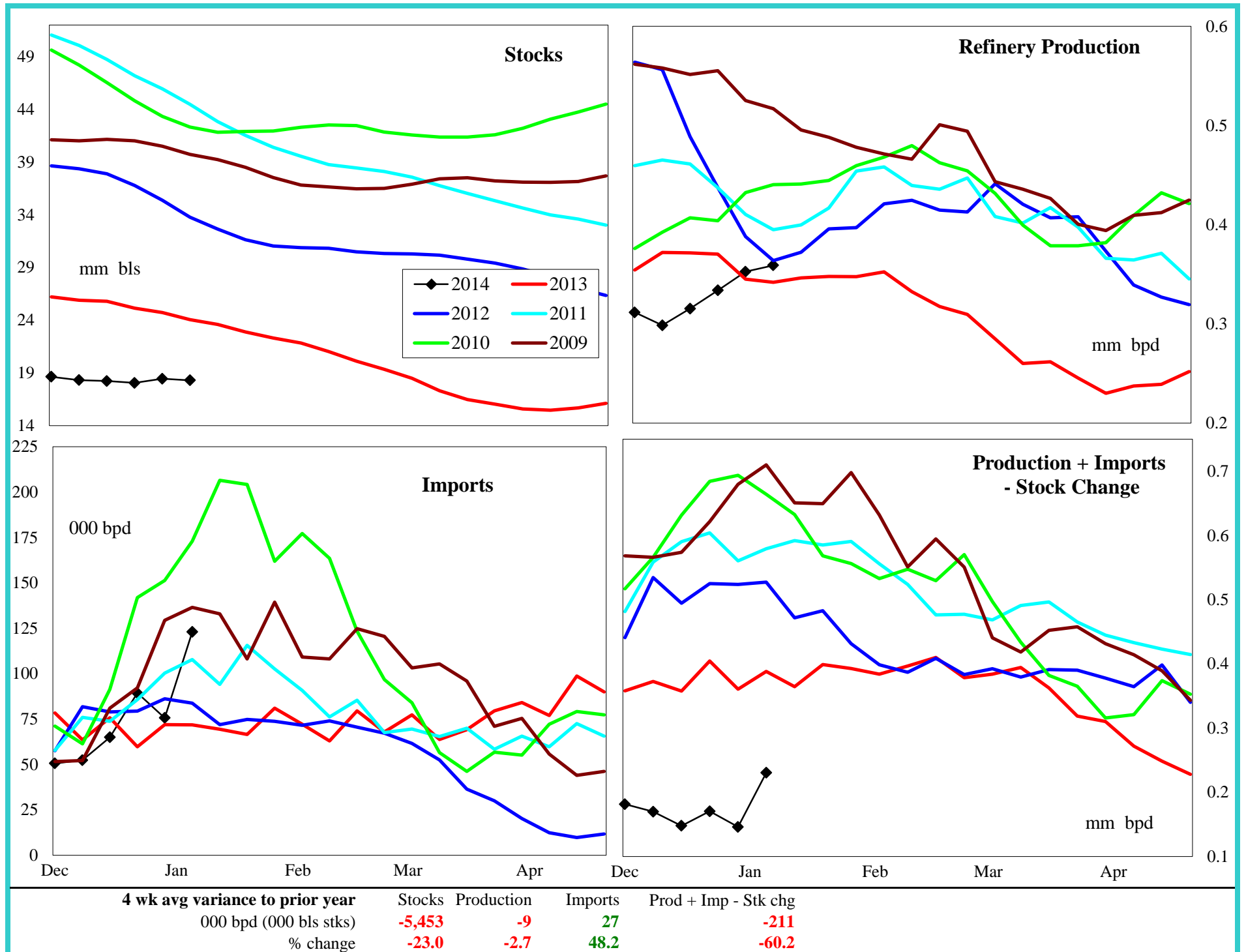
United States Distillate Supply and Demand Balance



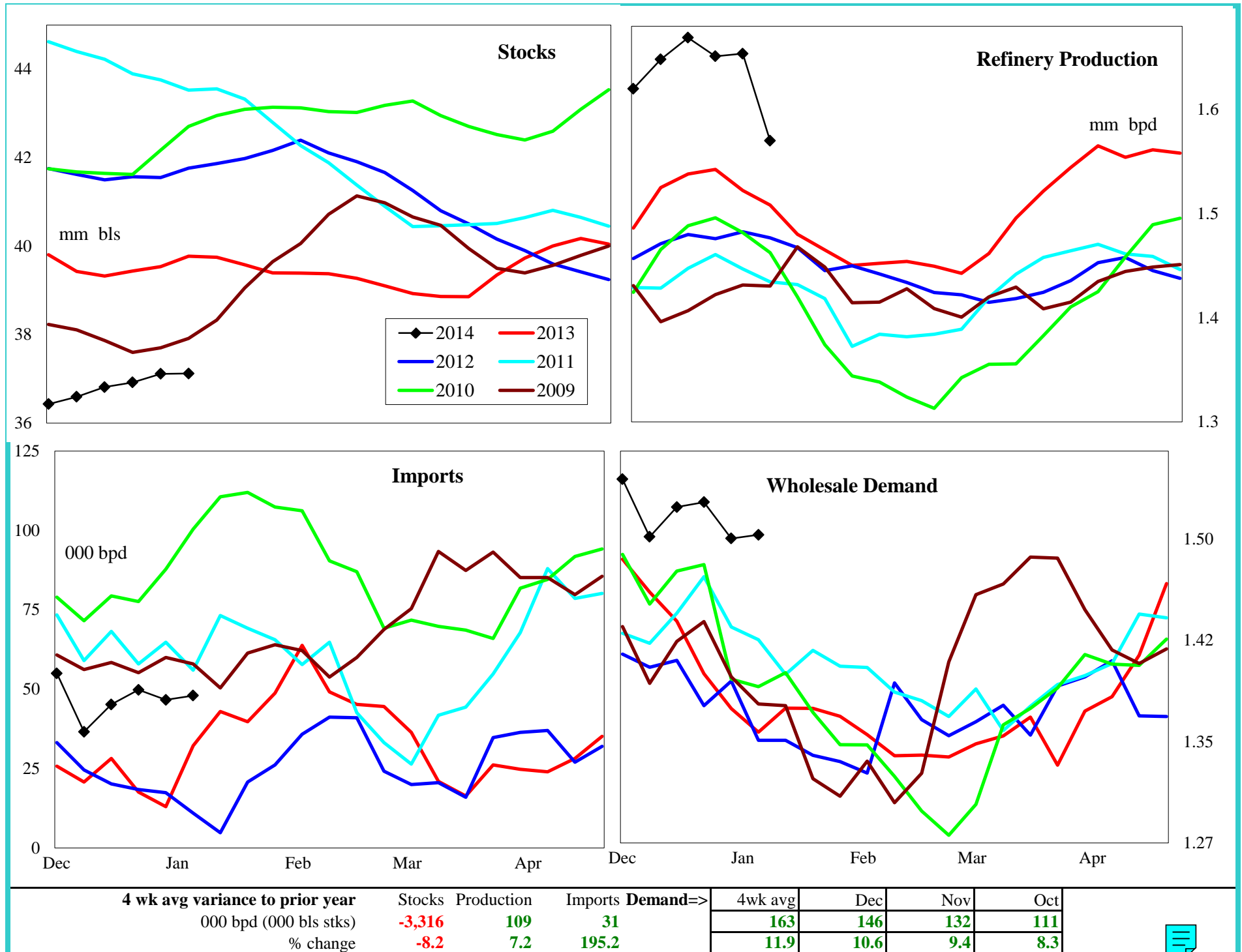
United States Low Sulfur Distillate Supply



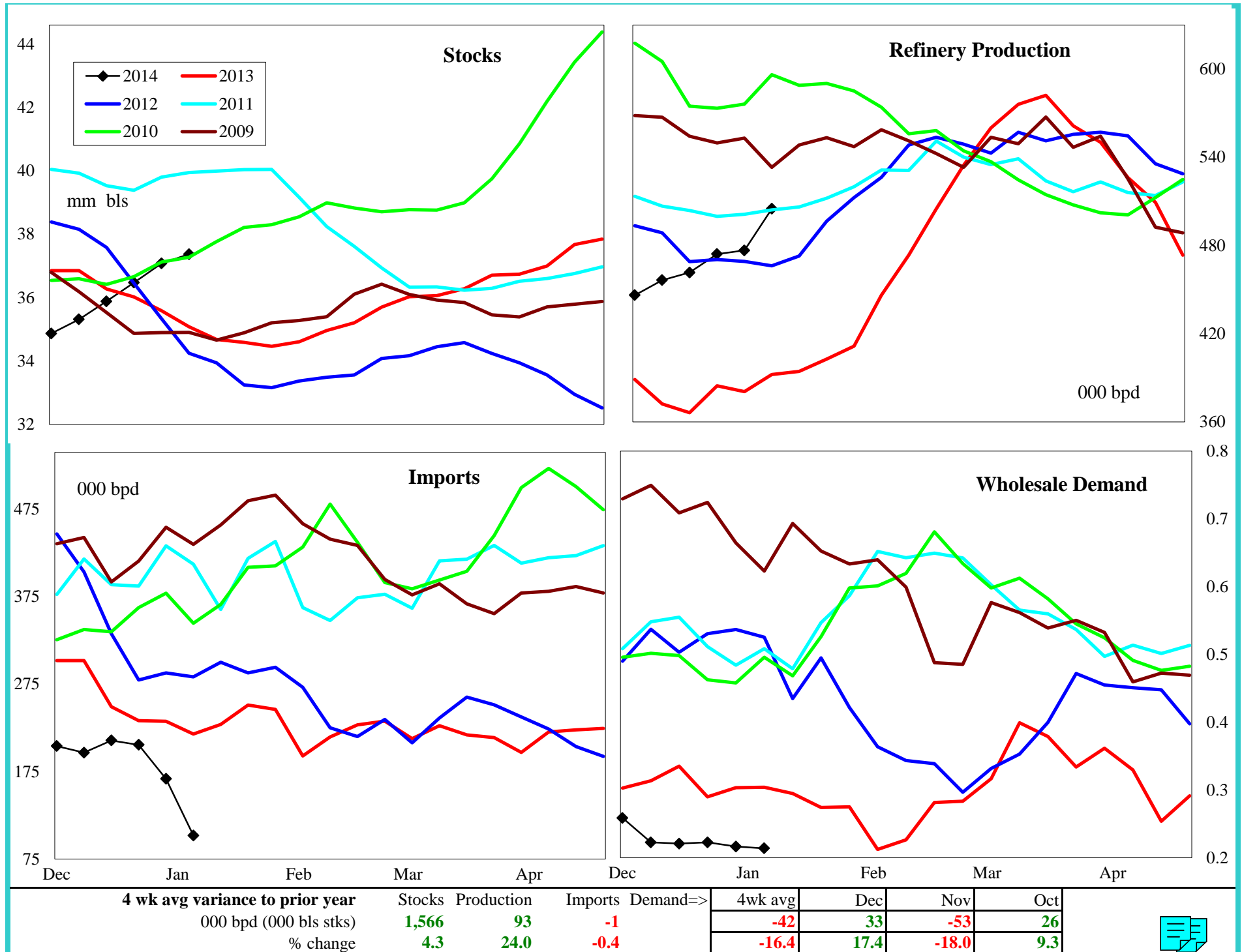
United States High Sulfur Distillate Supply



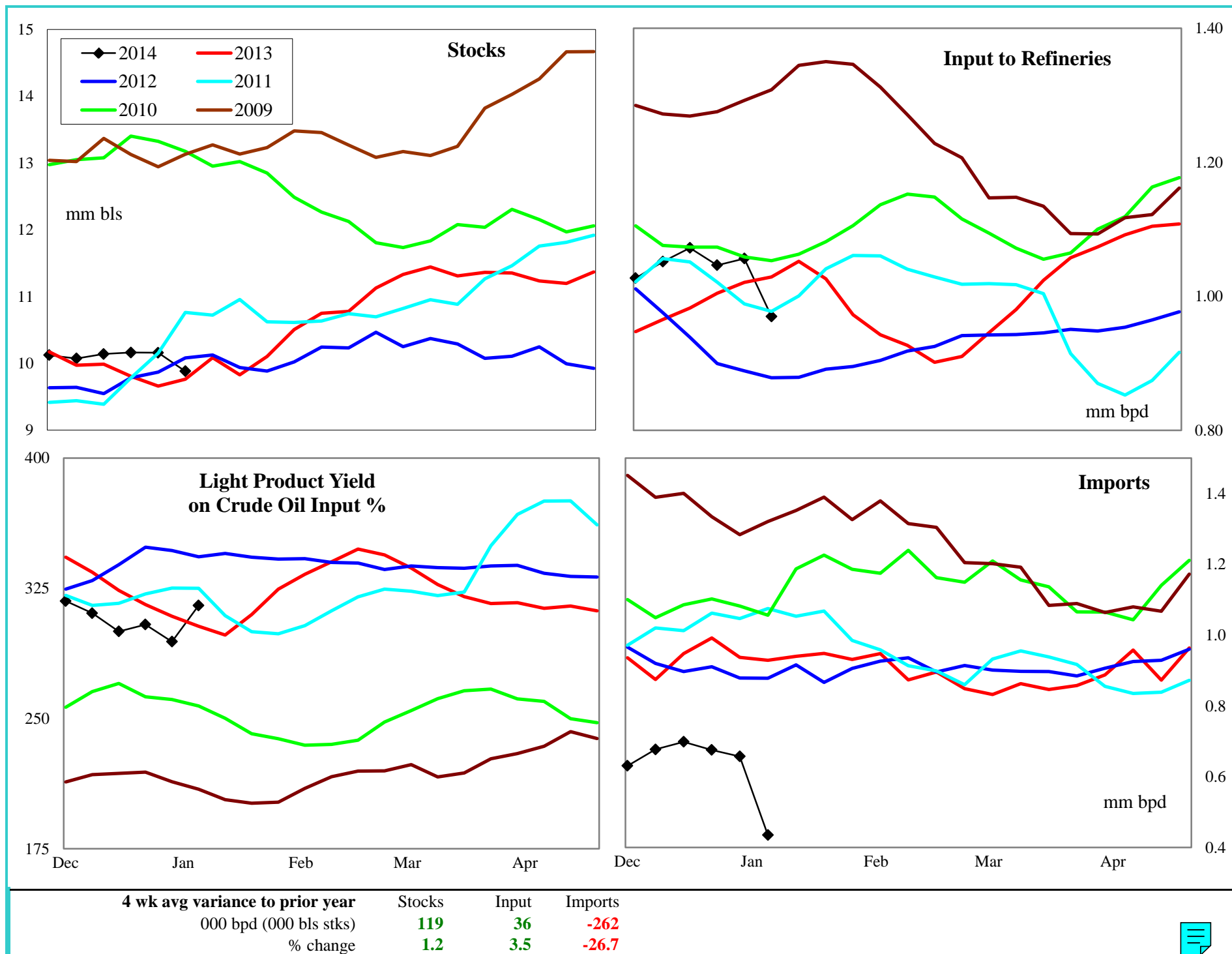
United States Jet Fuel Supply and Demand Balance



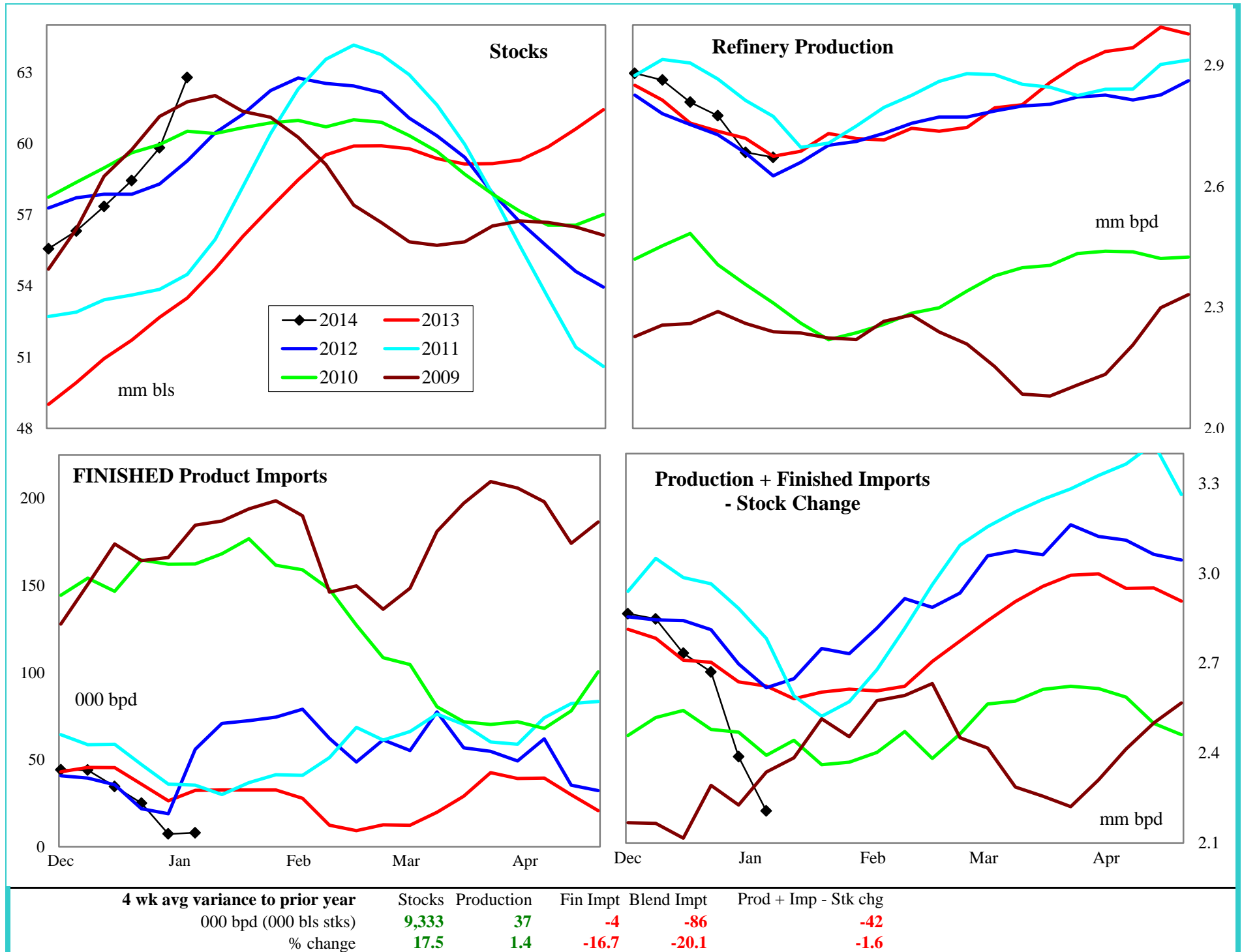
United States Residual Fuel Oil Supply and Demand Balance



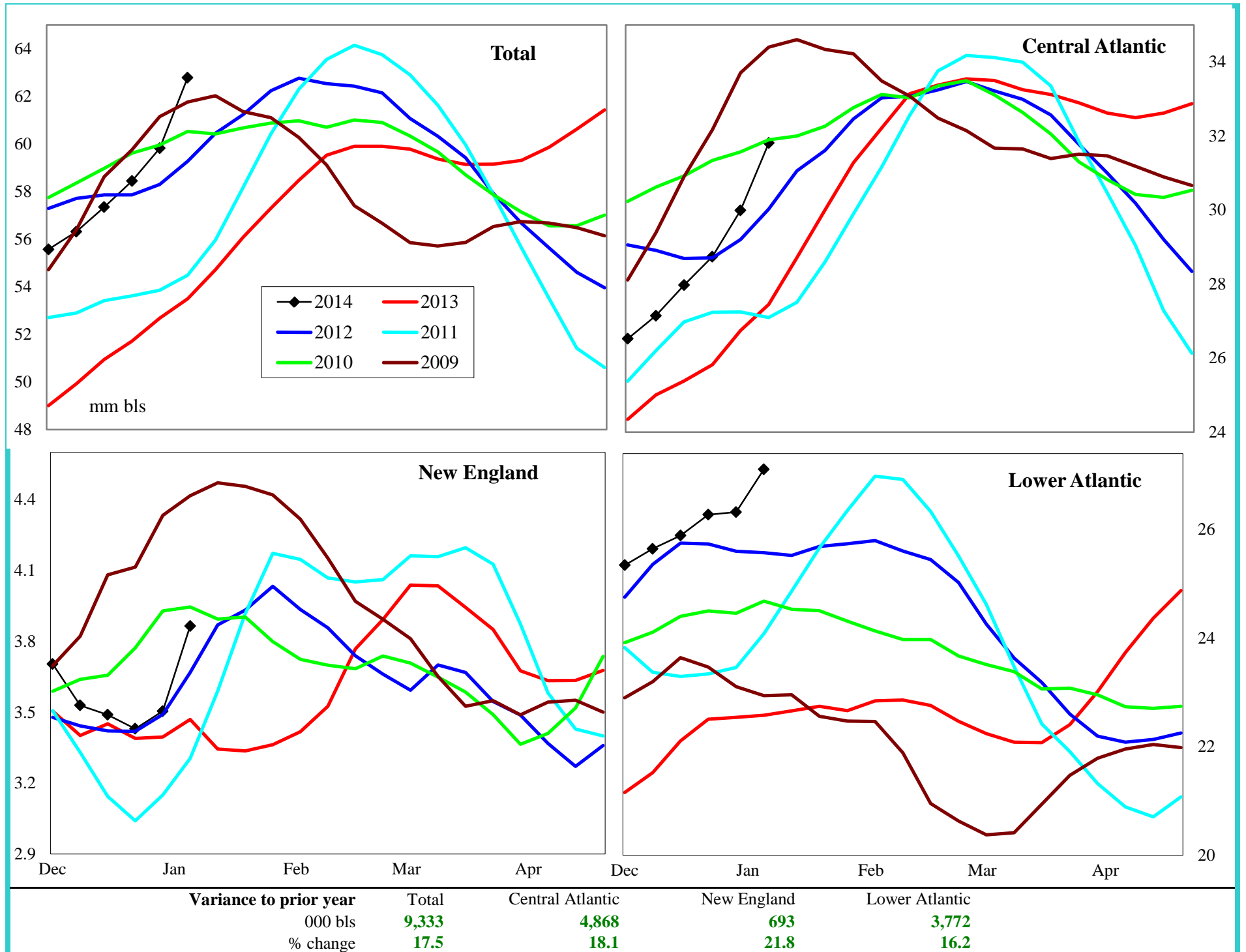
PADD 1 Crude Oil Supply and Refining



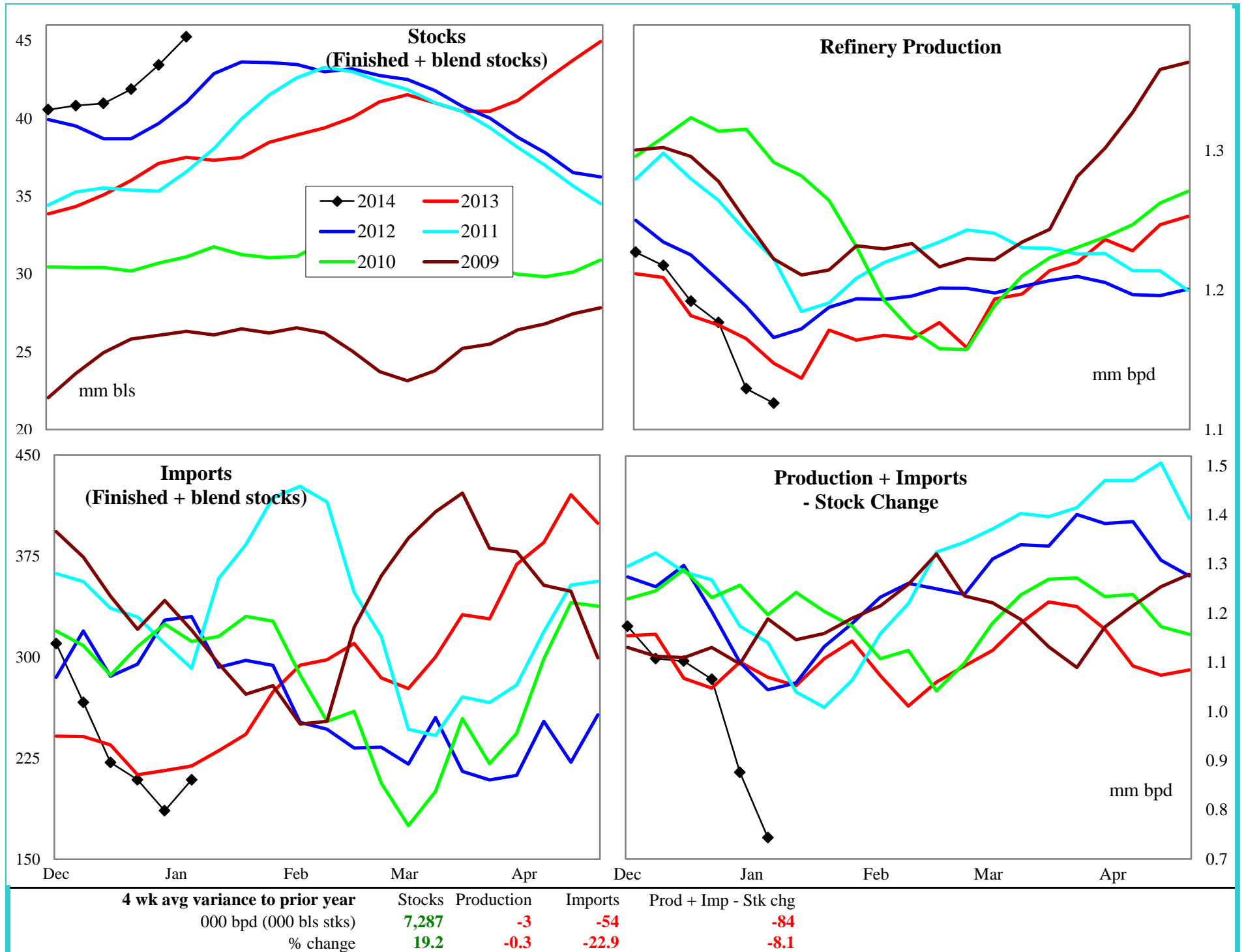
PADD 1 Gasoline Supply



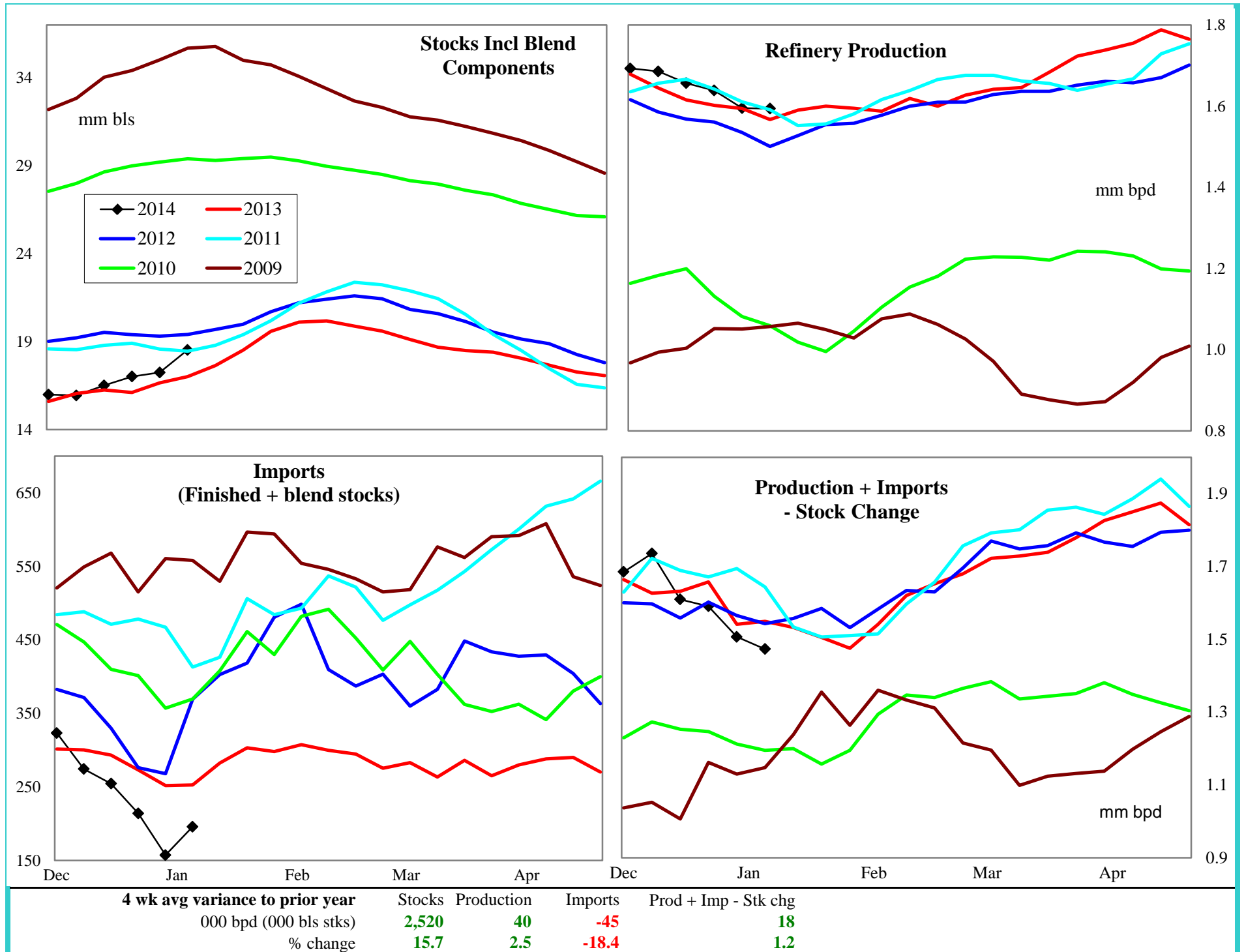
PADD 1 Gasoline Stocks by Region



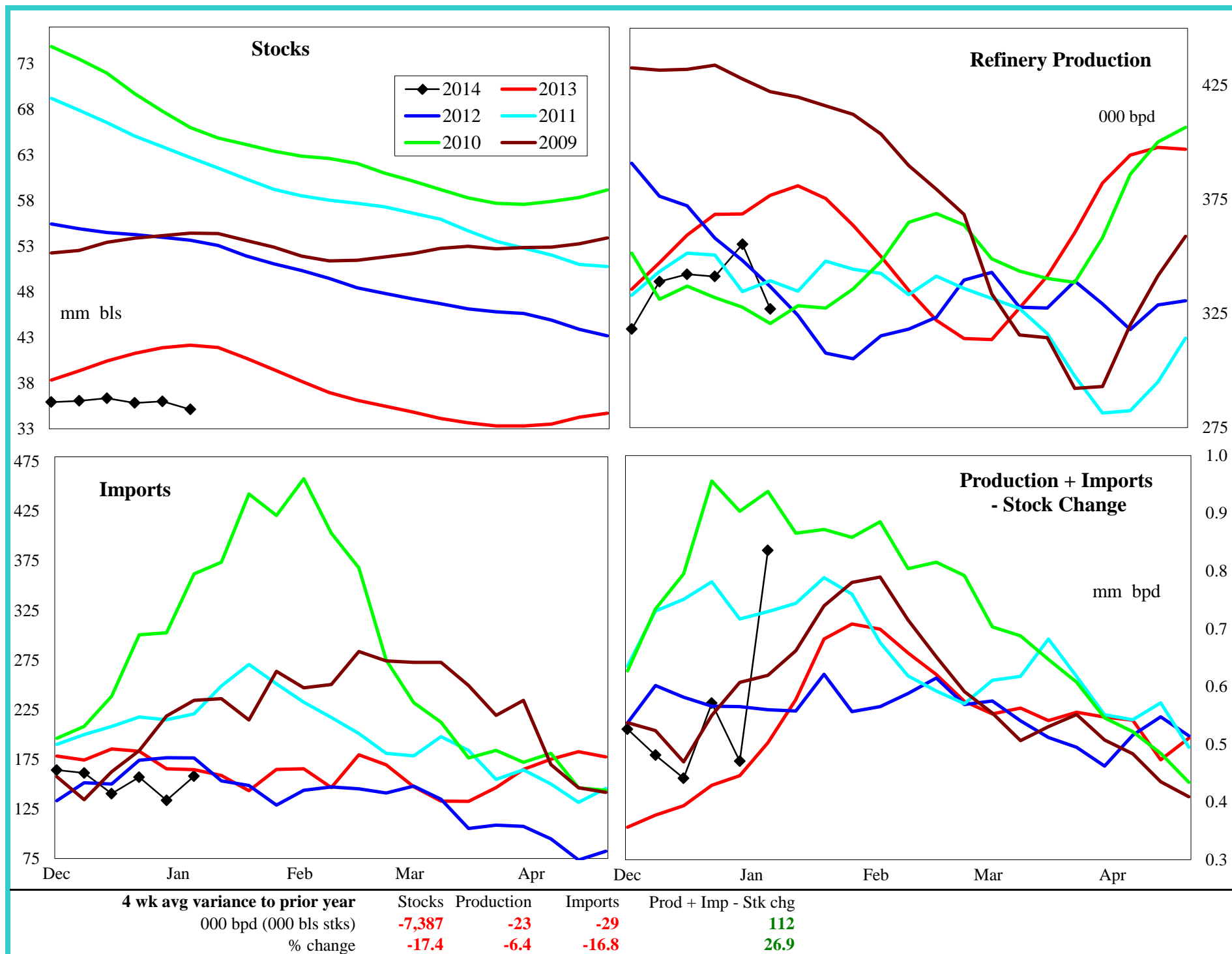
PADD 1 Reformulated Gasoline Supply



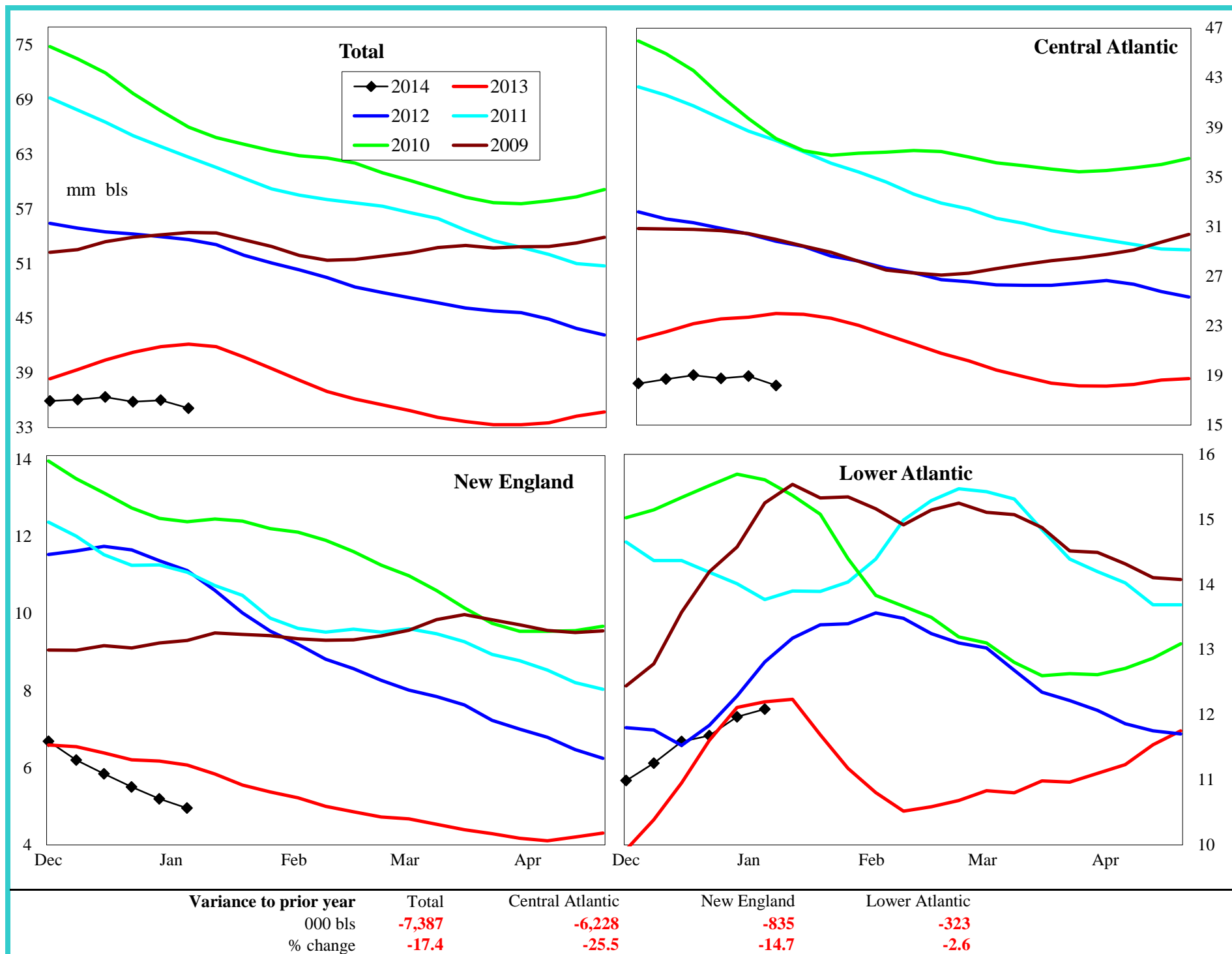
PADD 1 Conventional Gasoline Supply



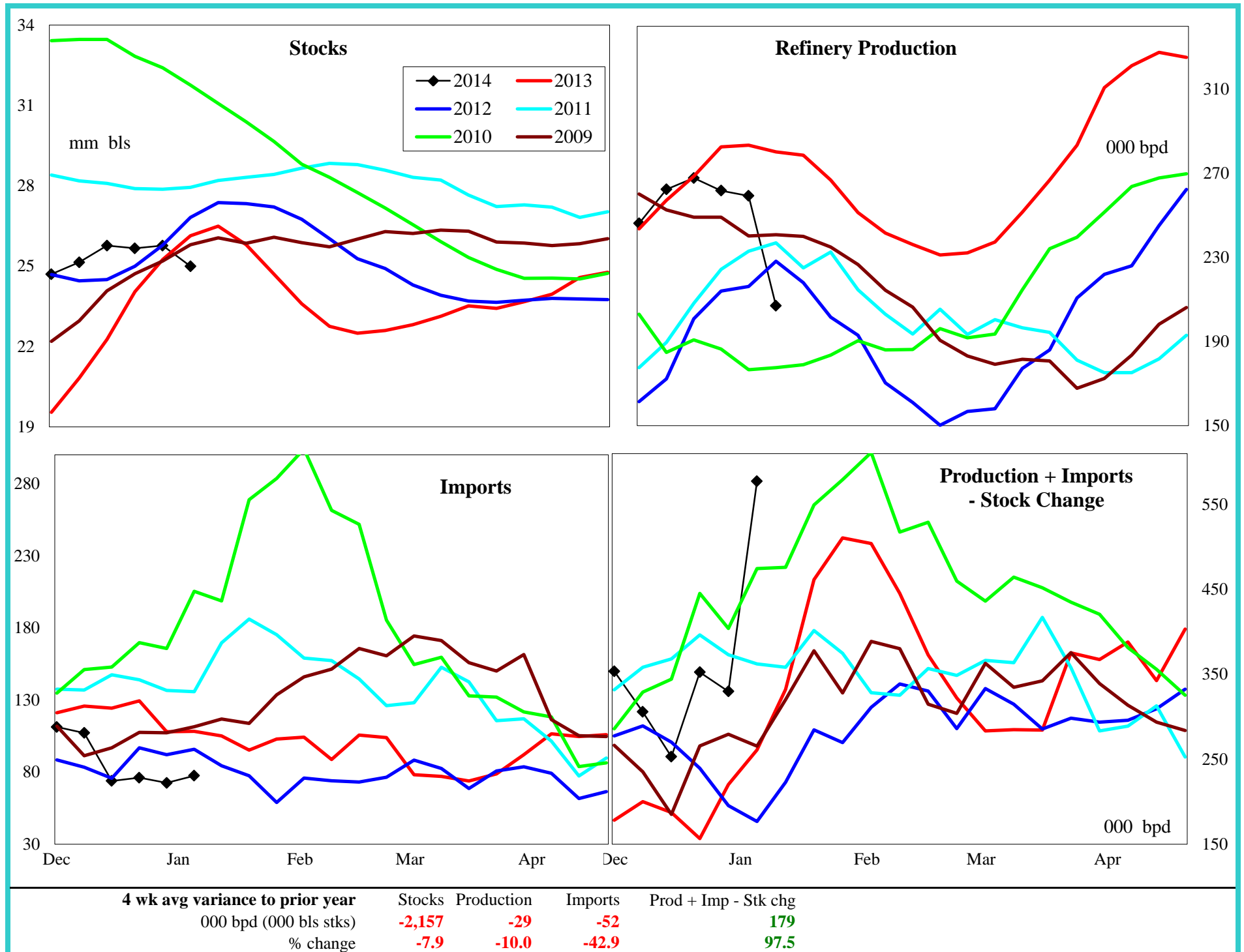
PADD 1 Distillate Supply



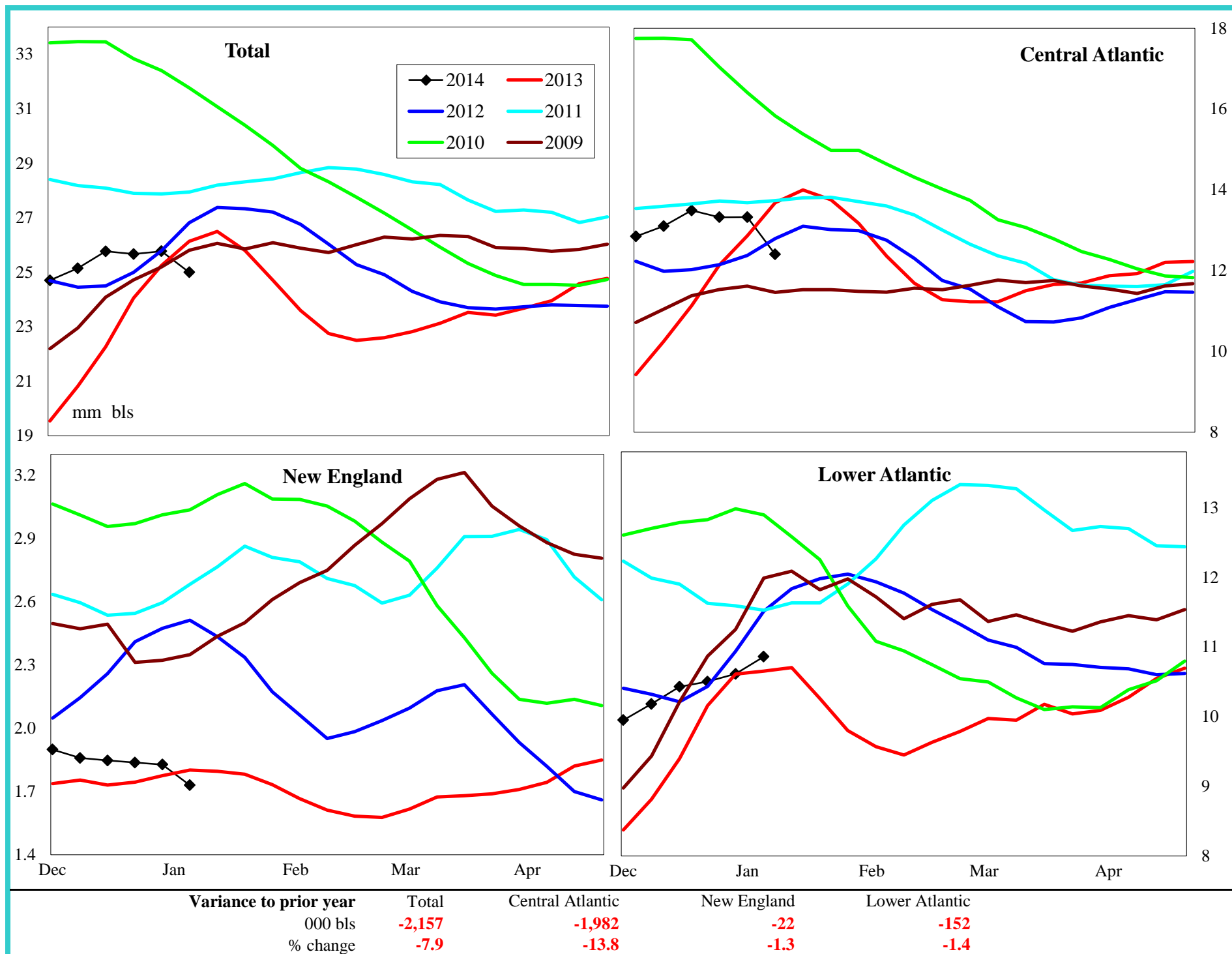
PADD 1 Distillate Stocks by Region



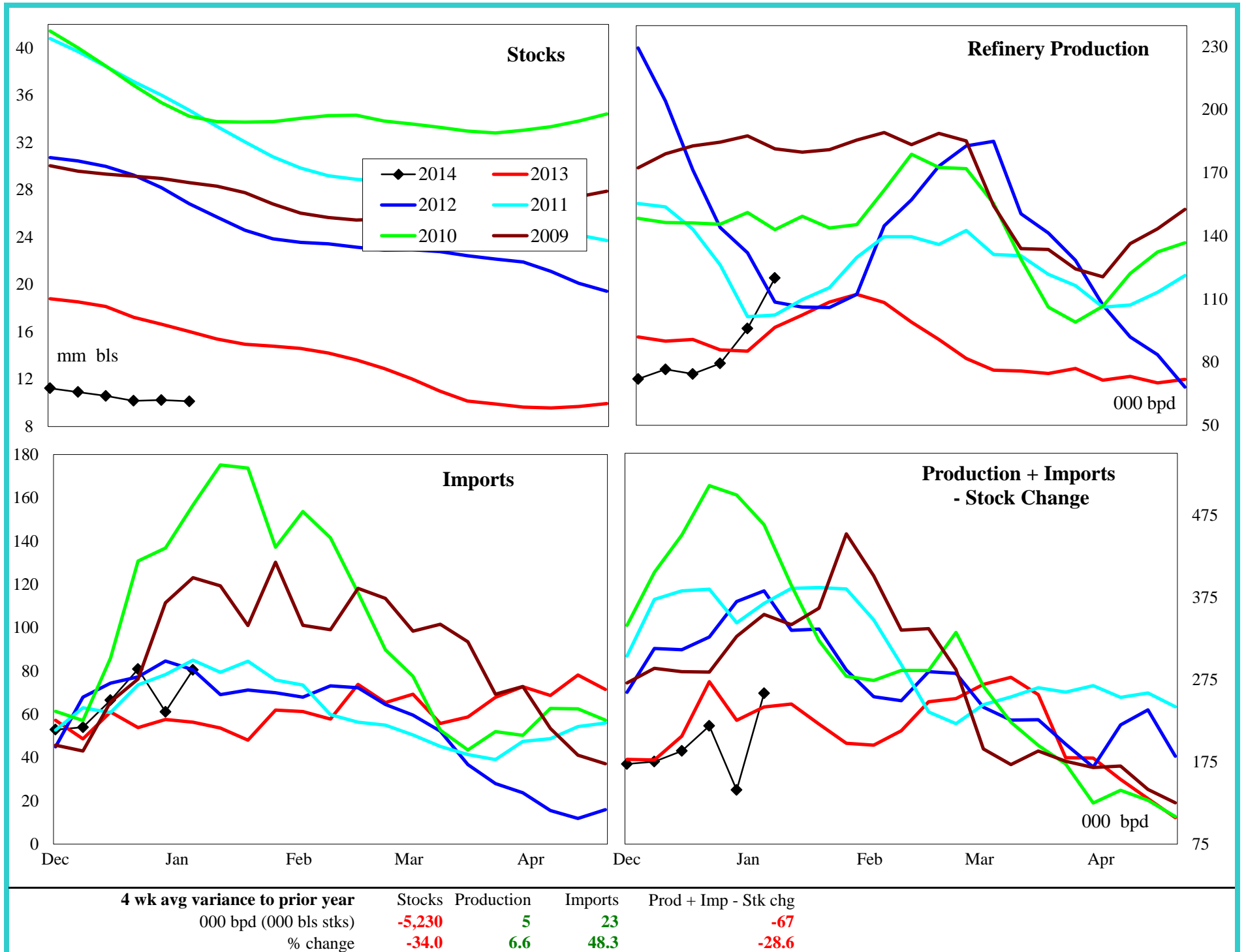
PADD 1 Low Sulfur Distillate Supply



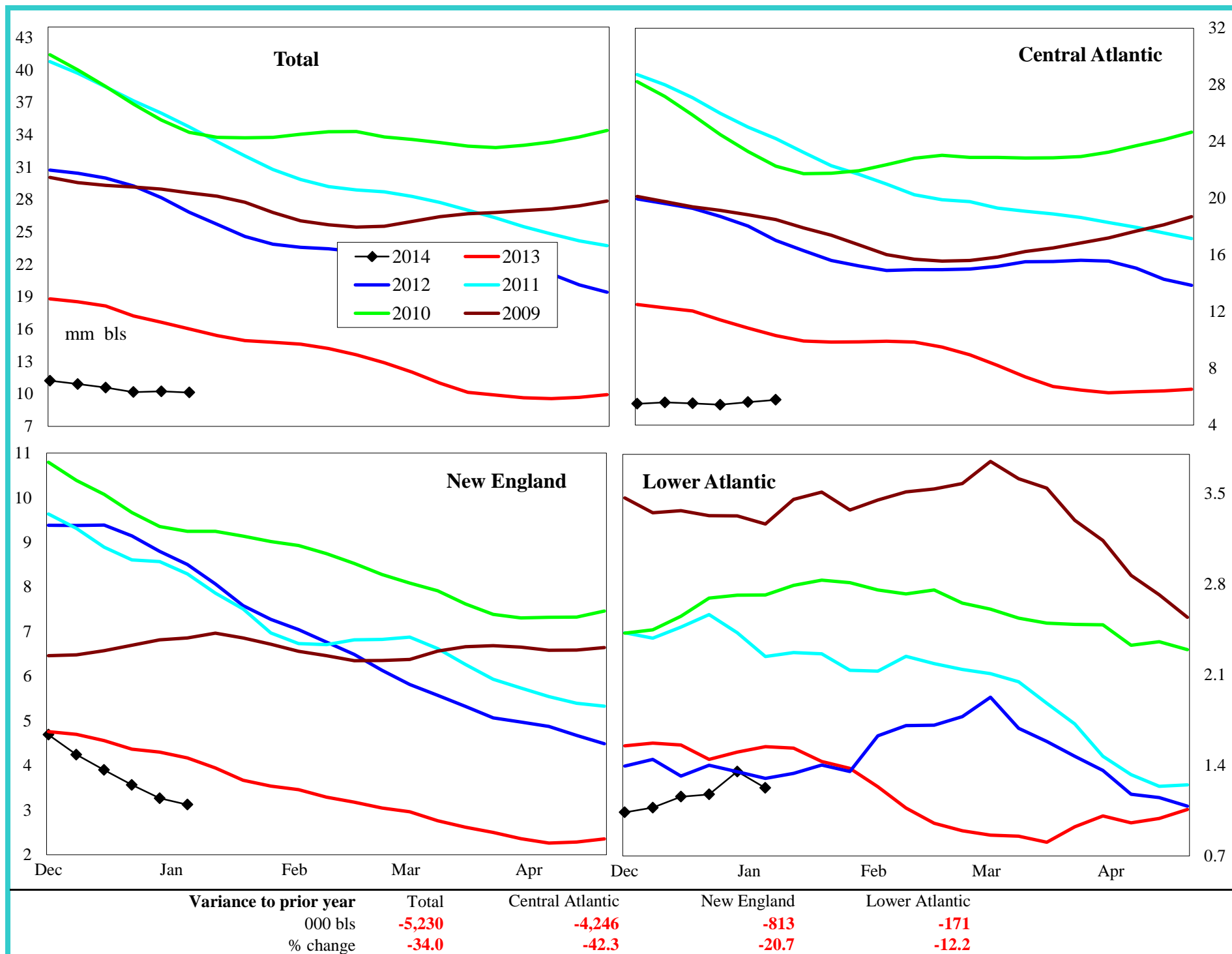
PADD 1 Low Sulfur Distillate Stocks by Region



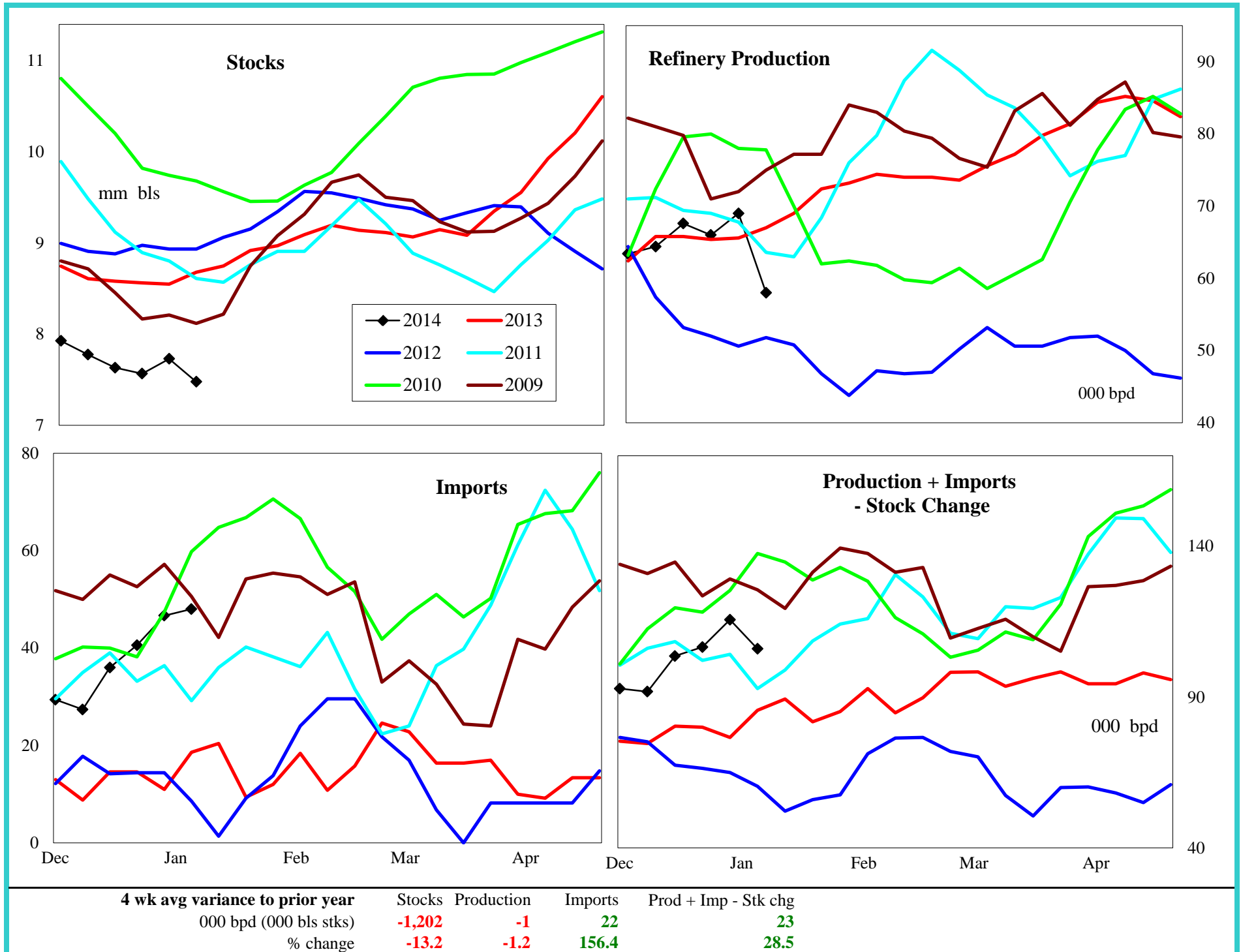
PADD 1 High Sulfur Distillate Supply



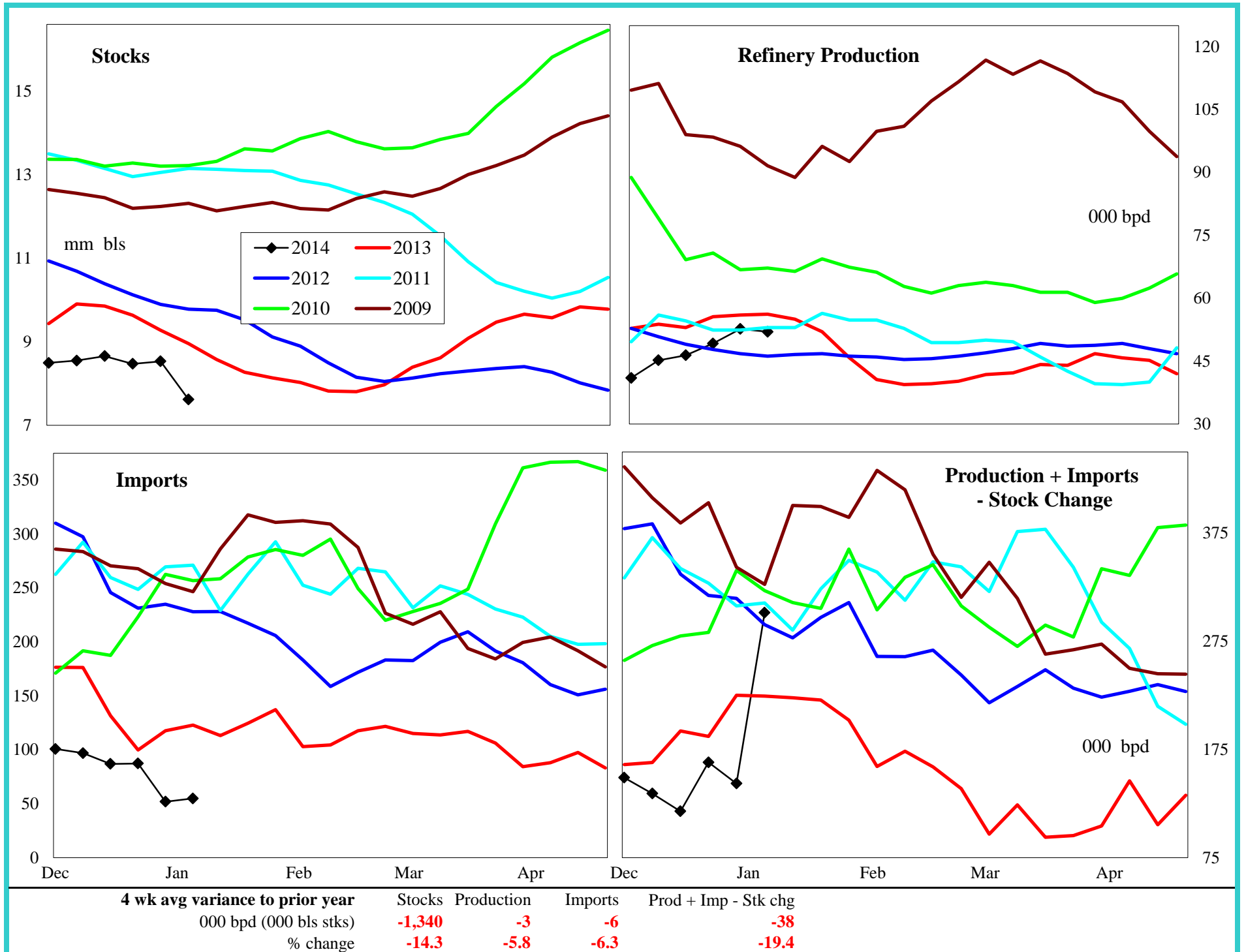
PADD 1 High Sulfur Distillate Stocks by Region



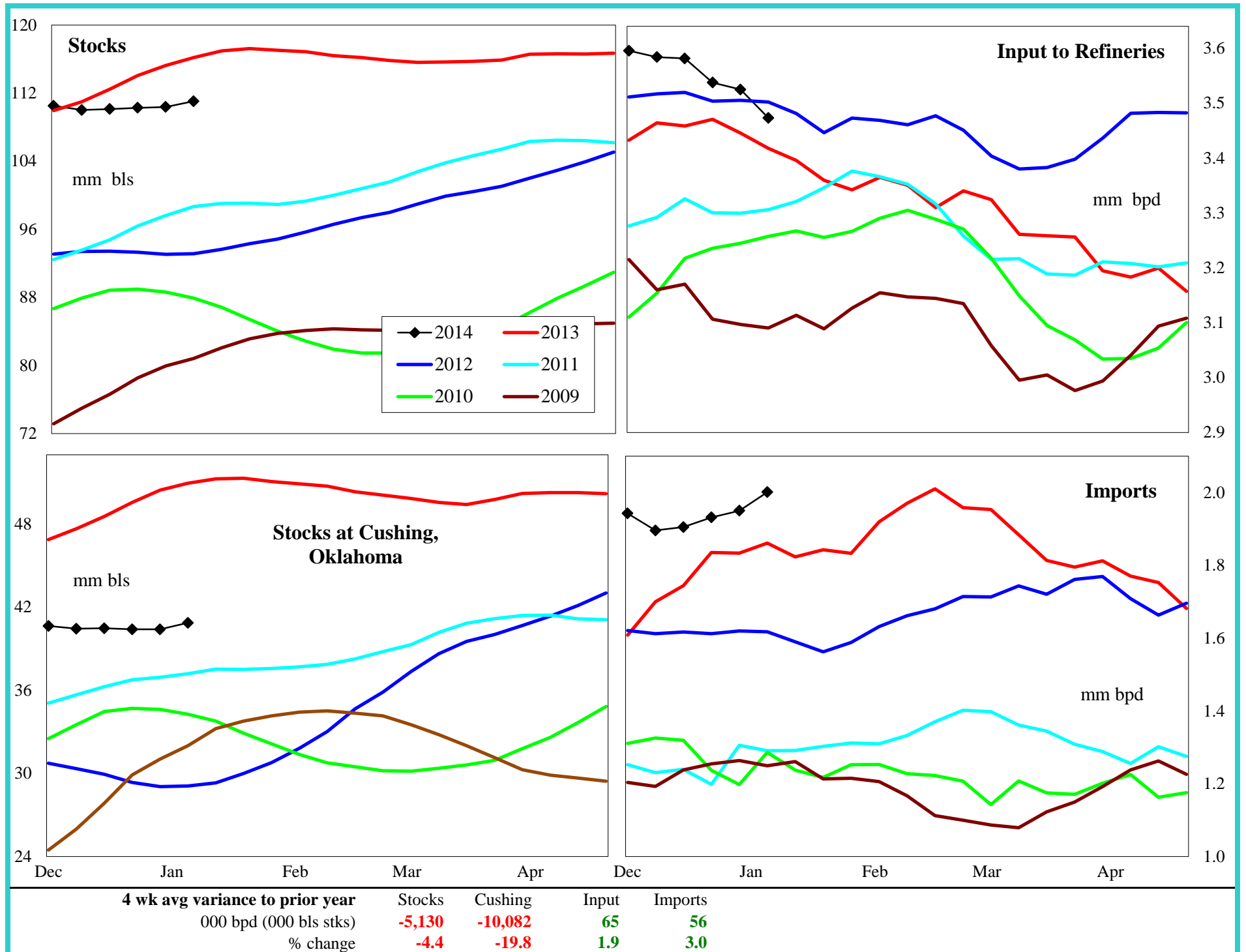
PADD 1 Jet Fuel Supply



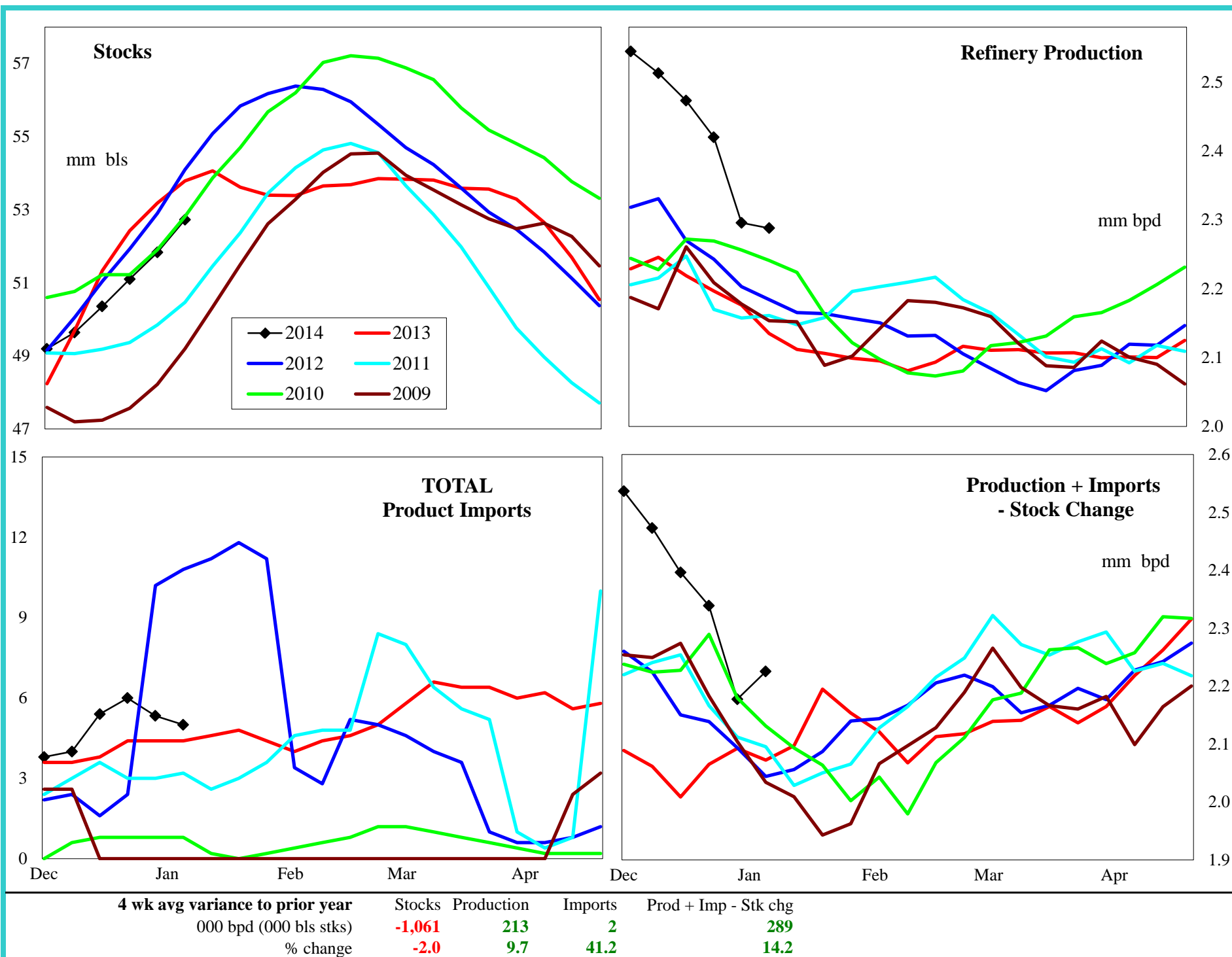
PADD 1 Residual Fuel Oil Supply



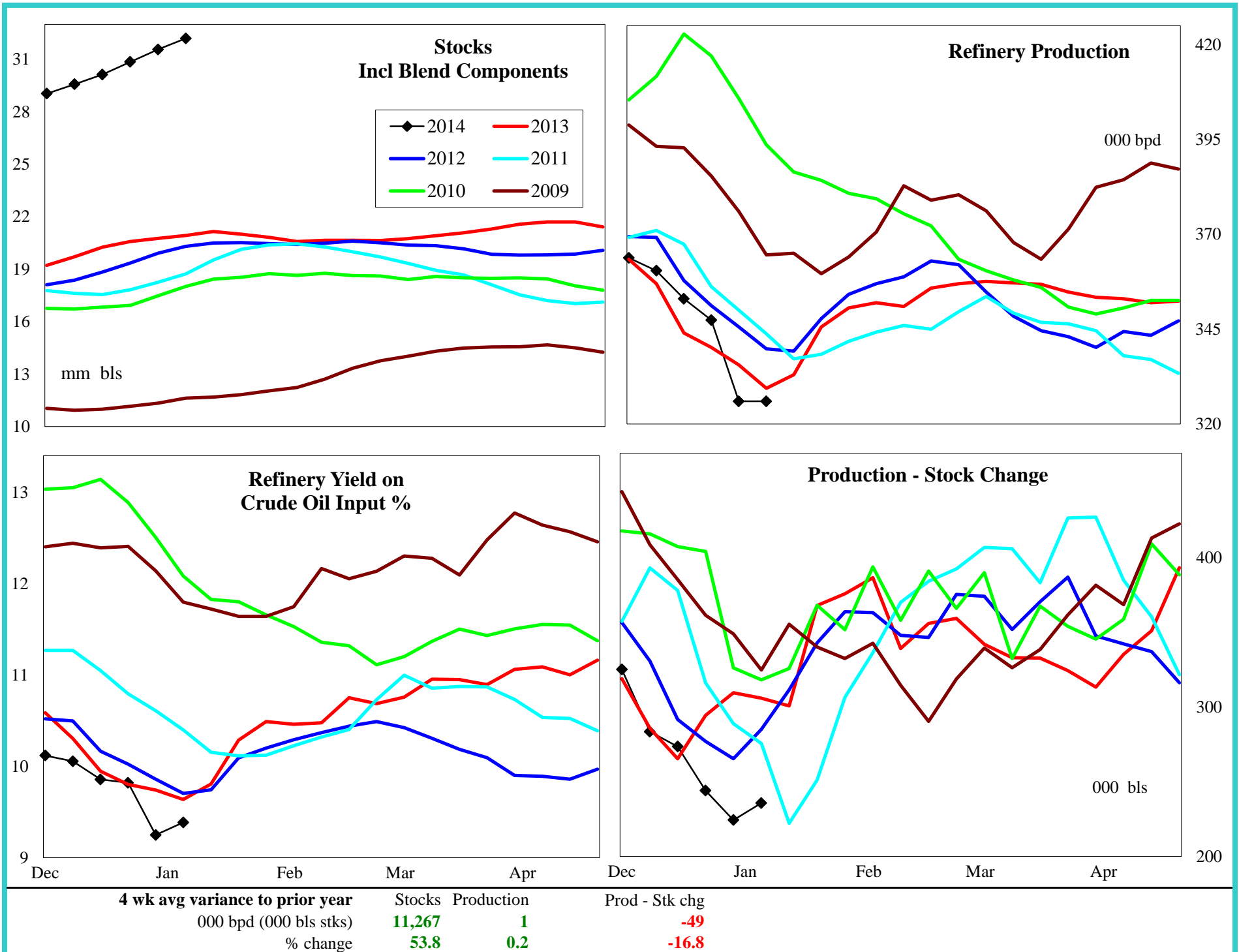
PADD 2 Crude Oil Supply and Refining



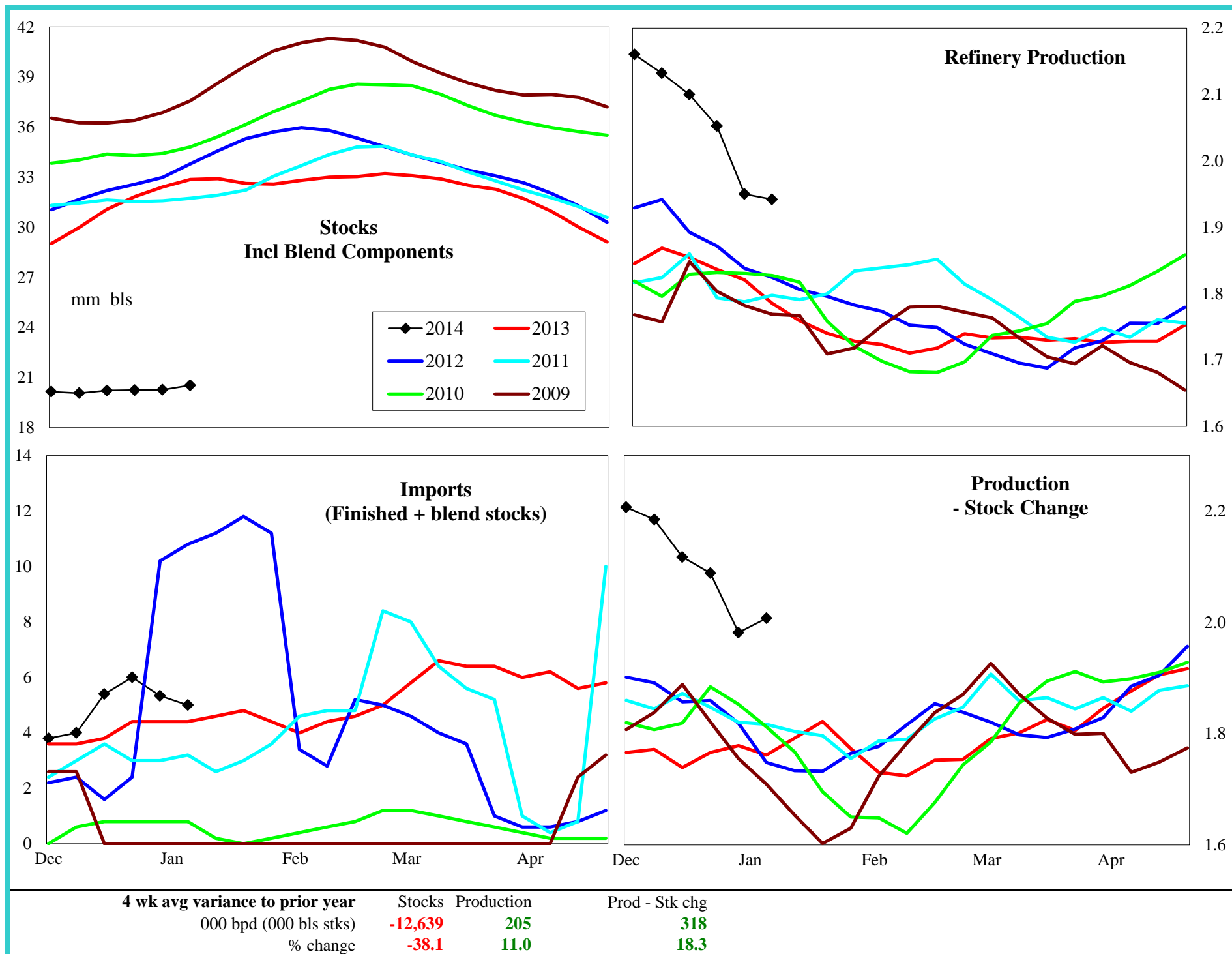
PADD 2 Gasoline Supply



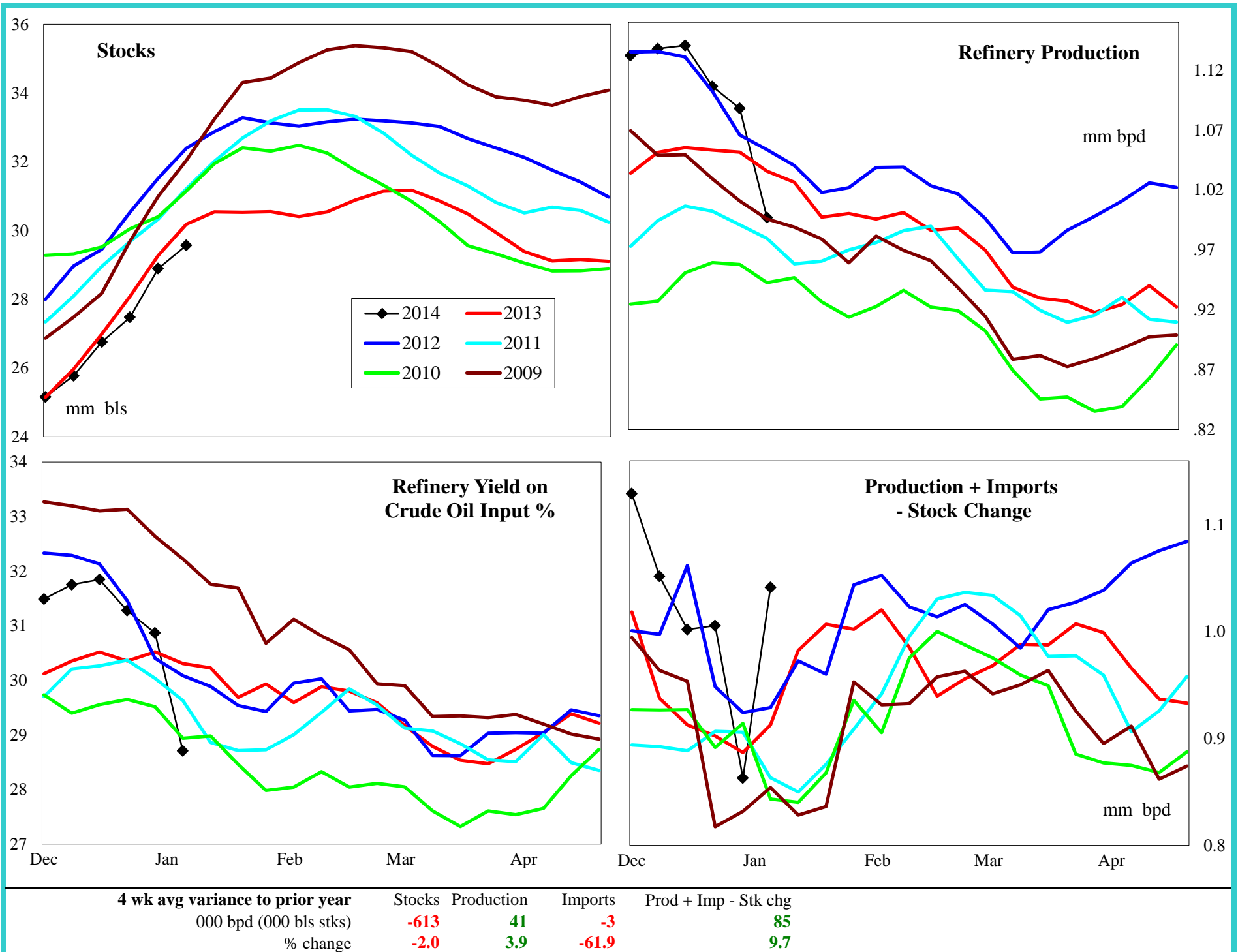
PADD 2 Reformulated Gasoline Supply



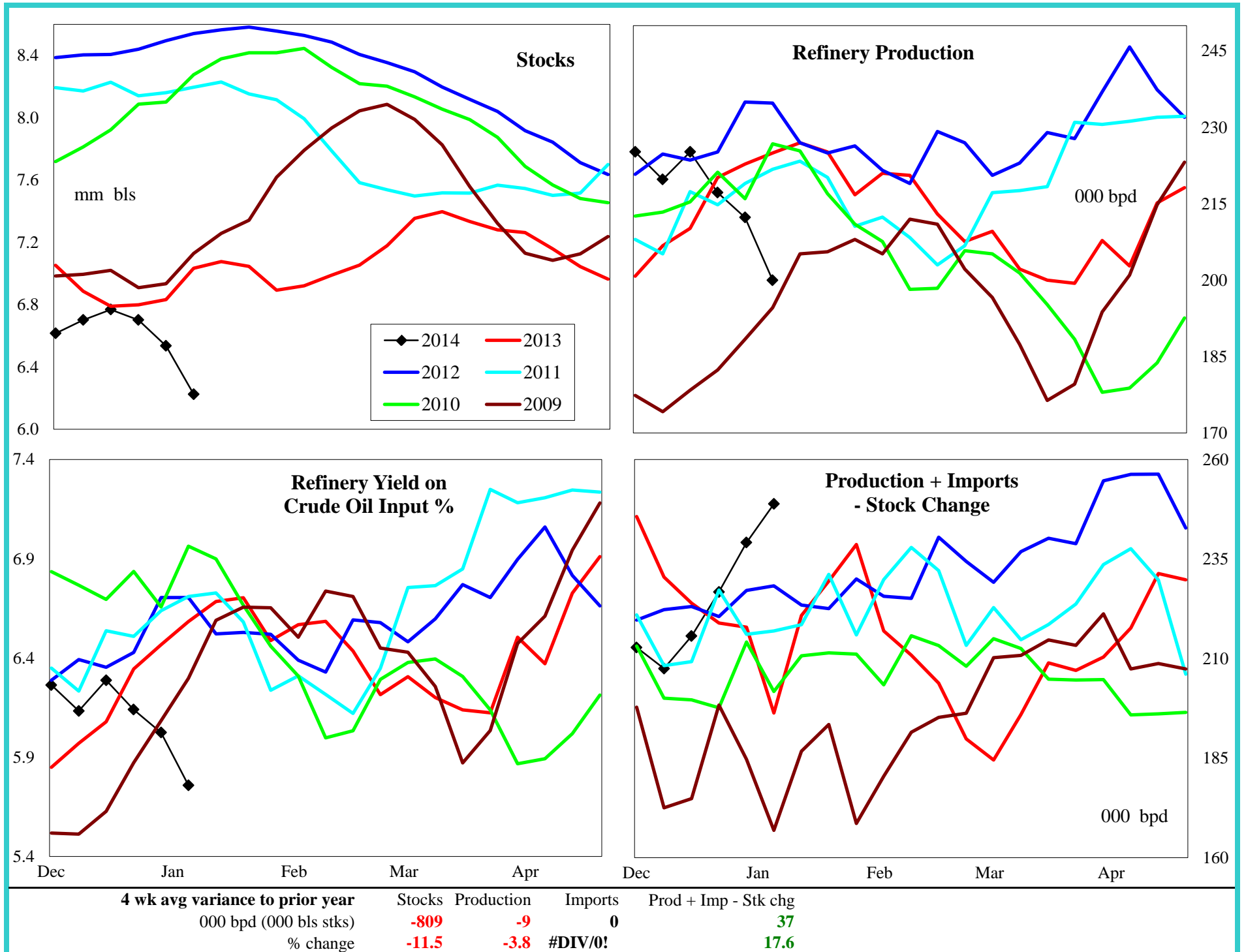
PADD 2 Conventional Gasoline Supply



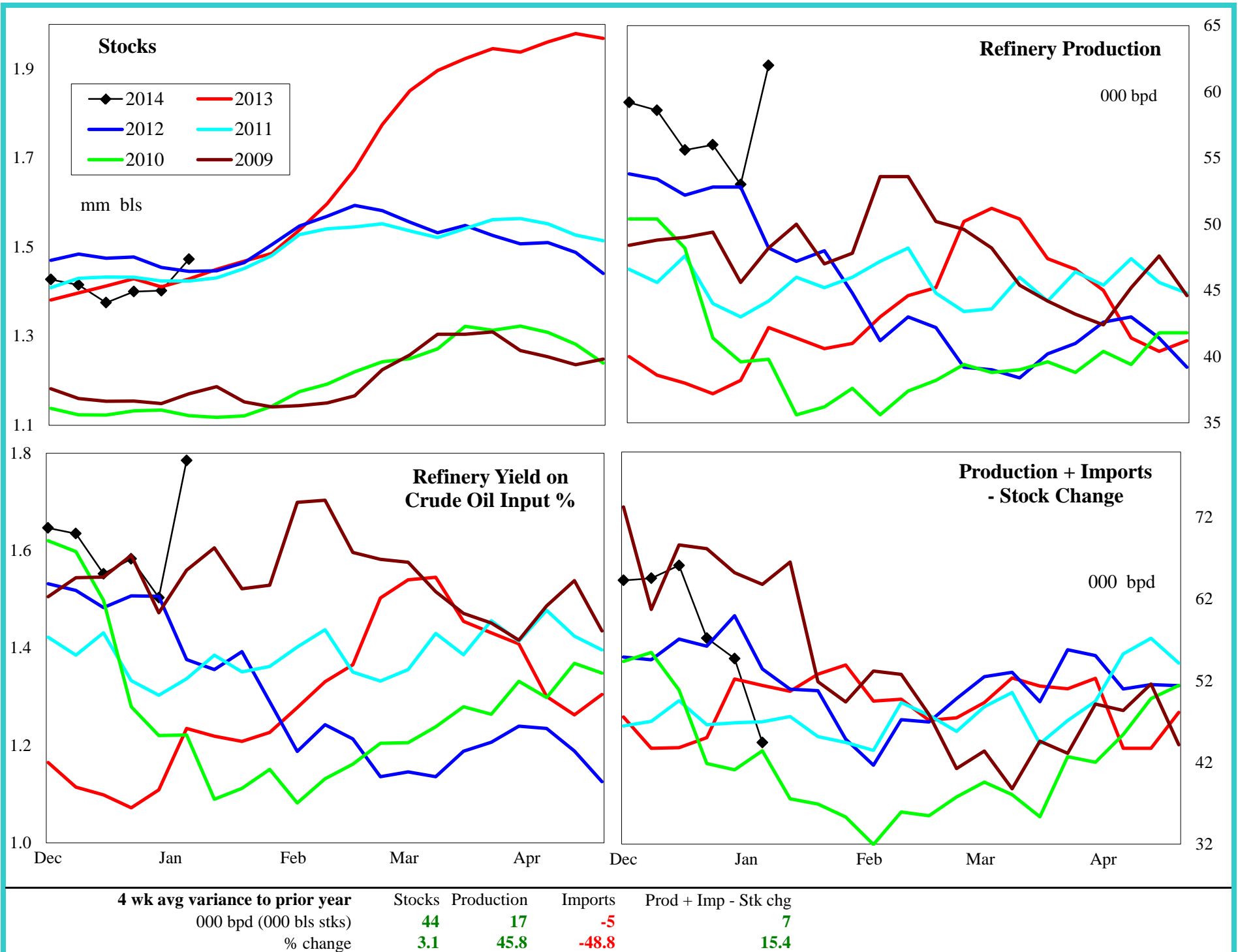
PADD 2 Distillate Supply



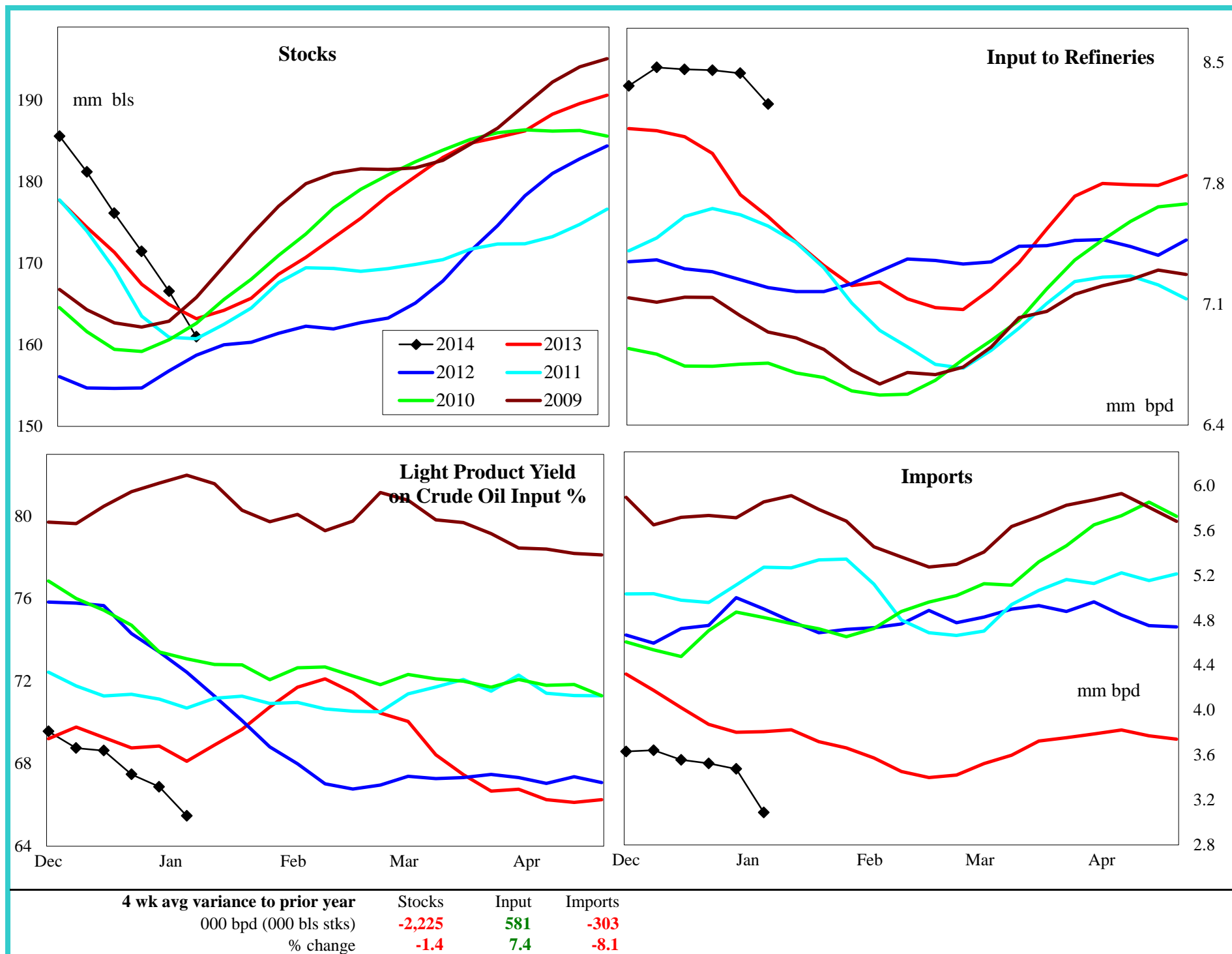
PADD 2 Jet Fuel Supply



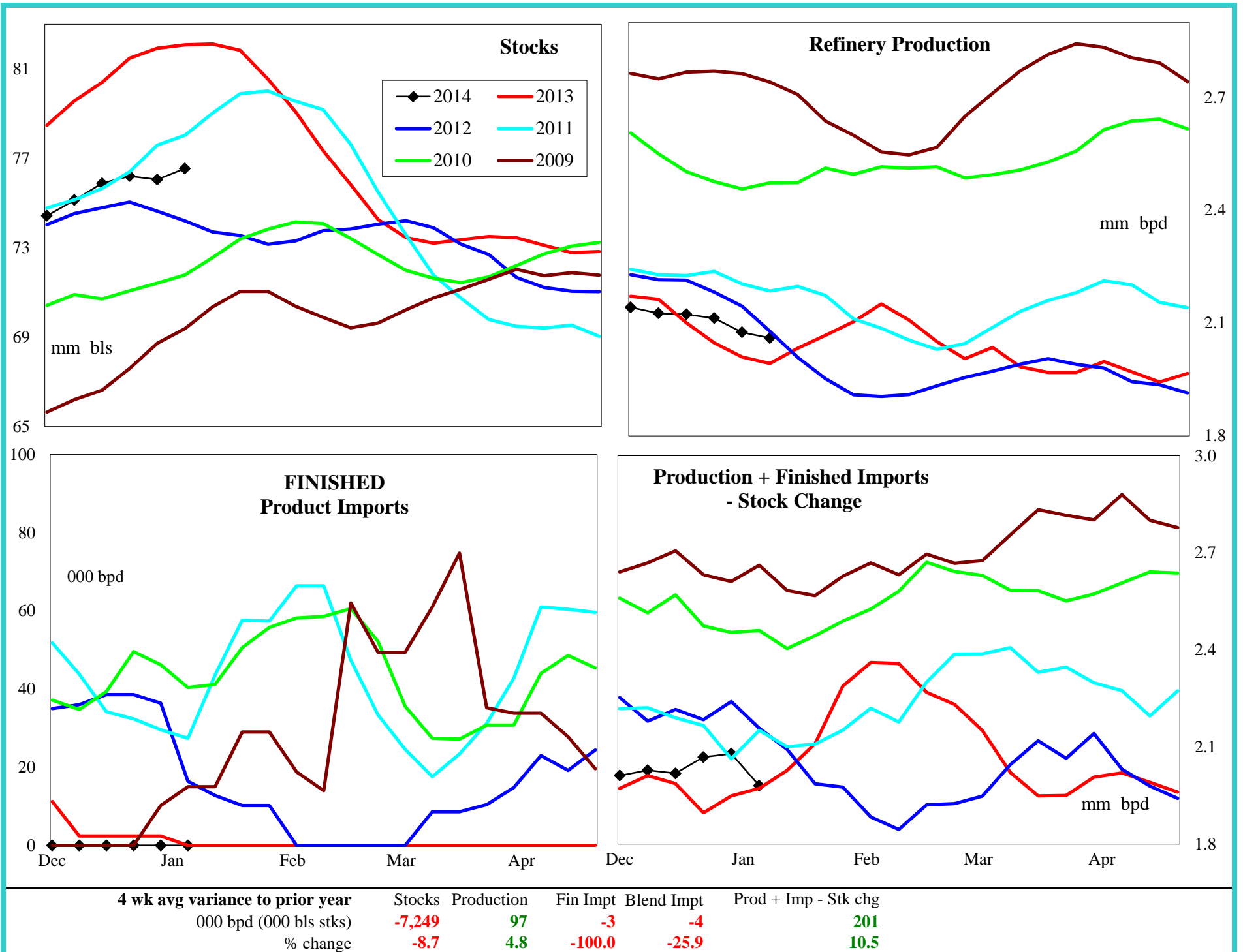
PADD 2 Residual Fuel Oil Supply



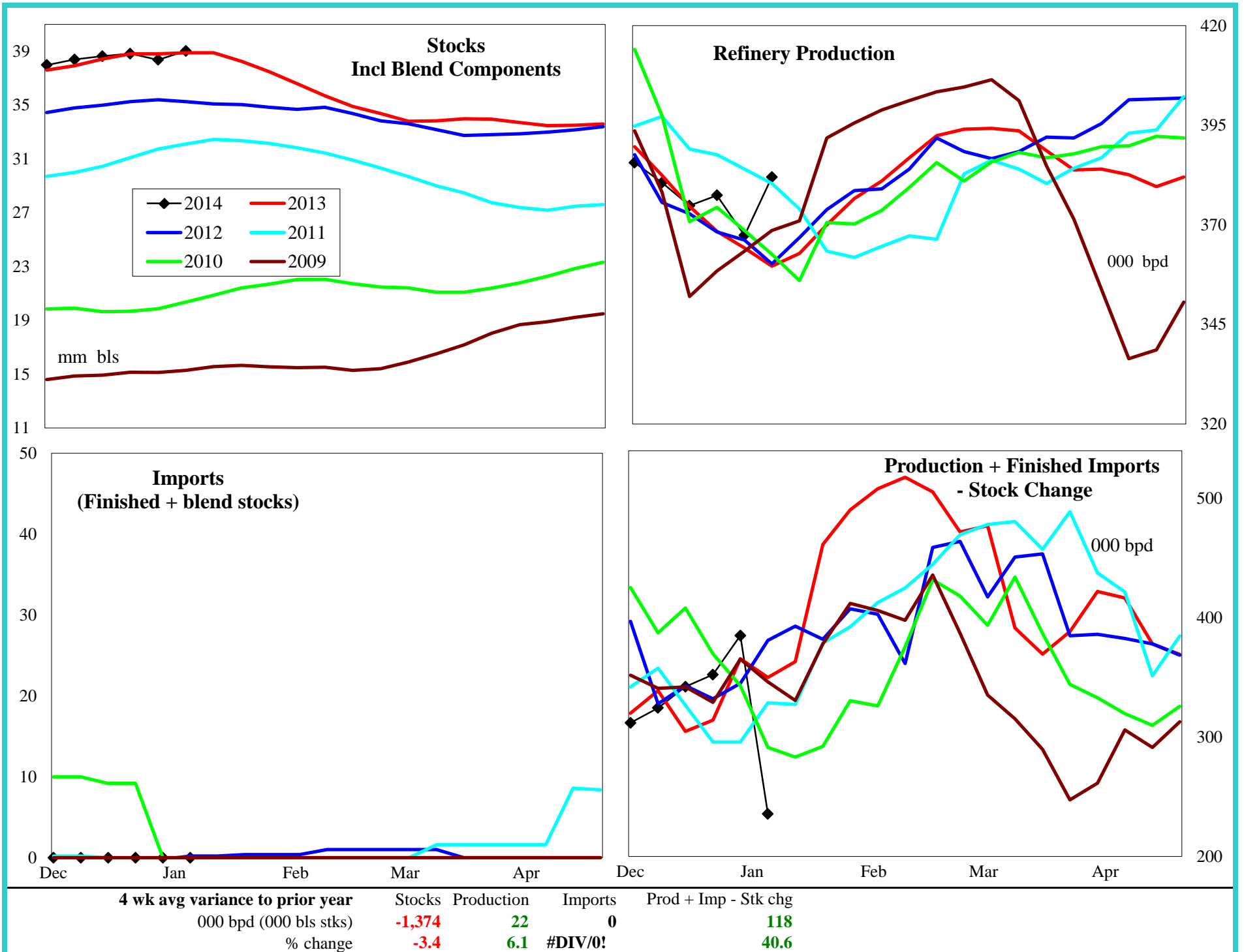
PADD 3 Crude Oil Supply and Refining



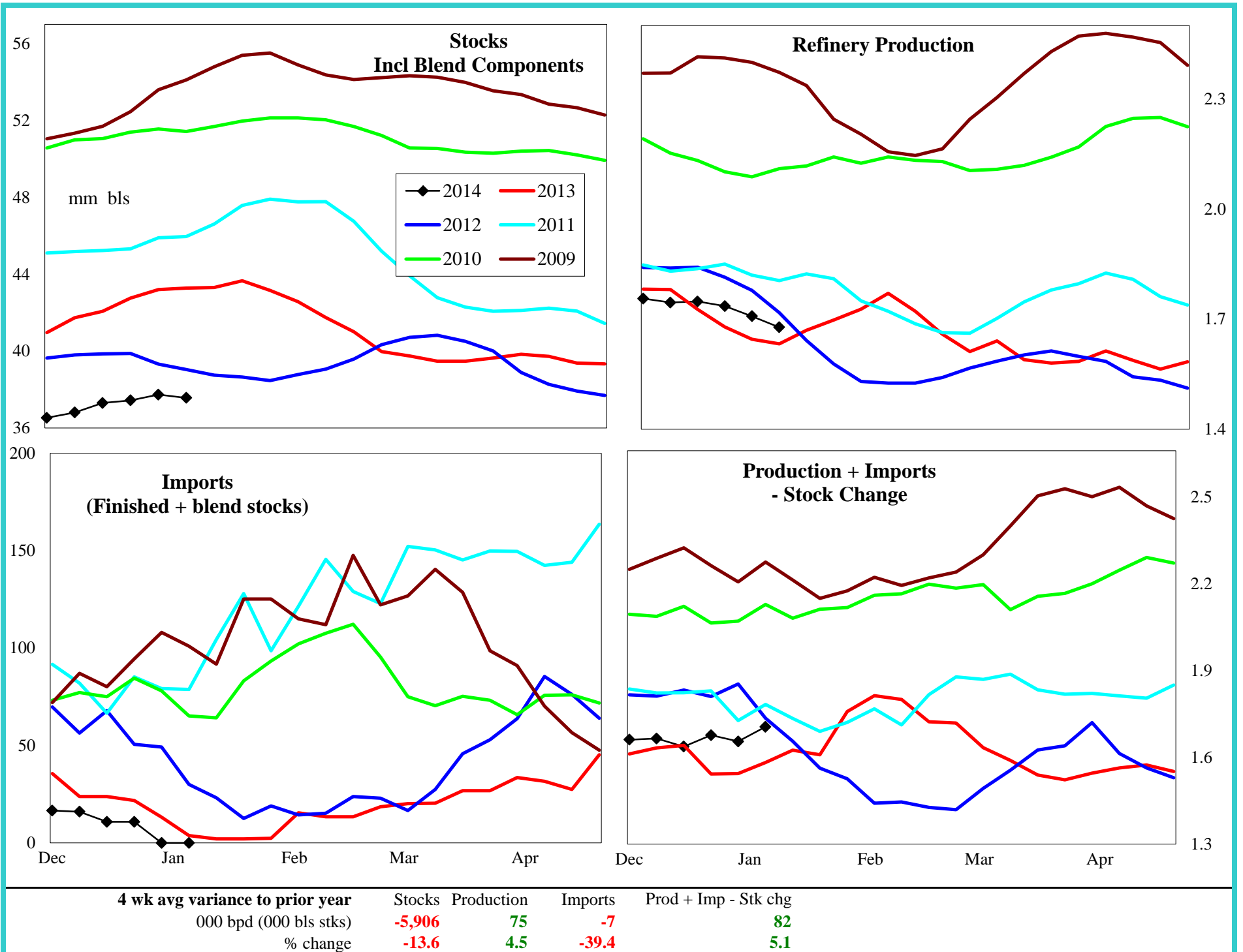
PADD 3 Gasoline Supply



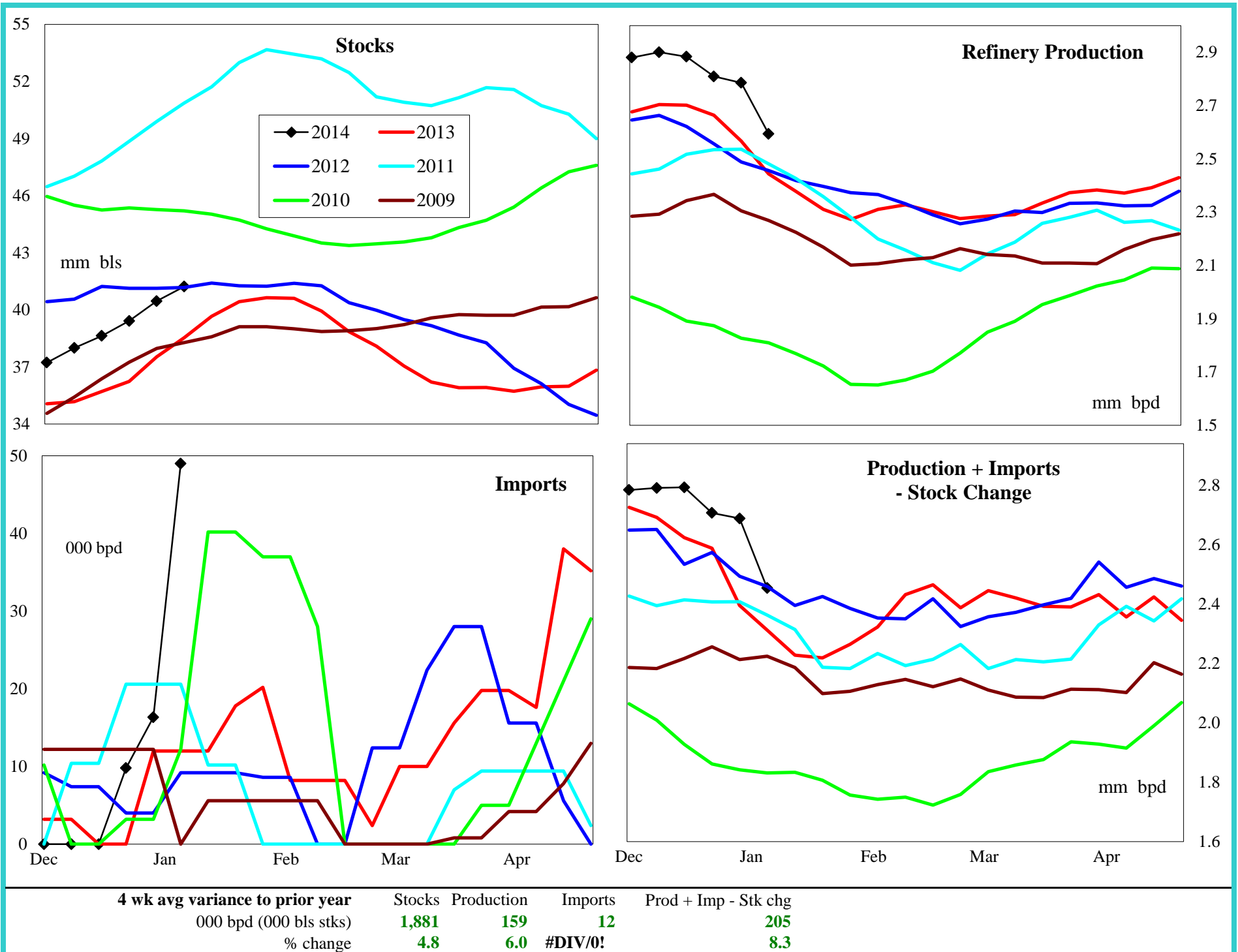
PADD 3 Reformulated Gasoline Supply



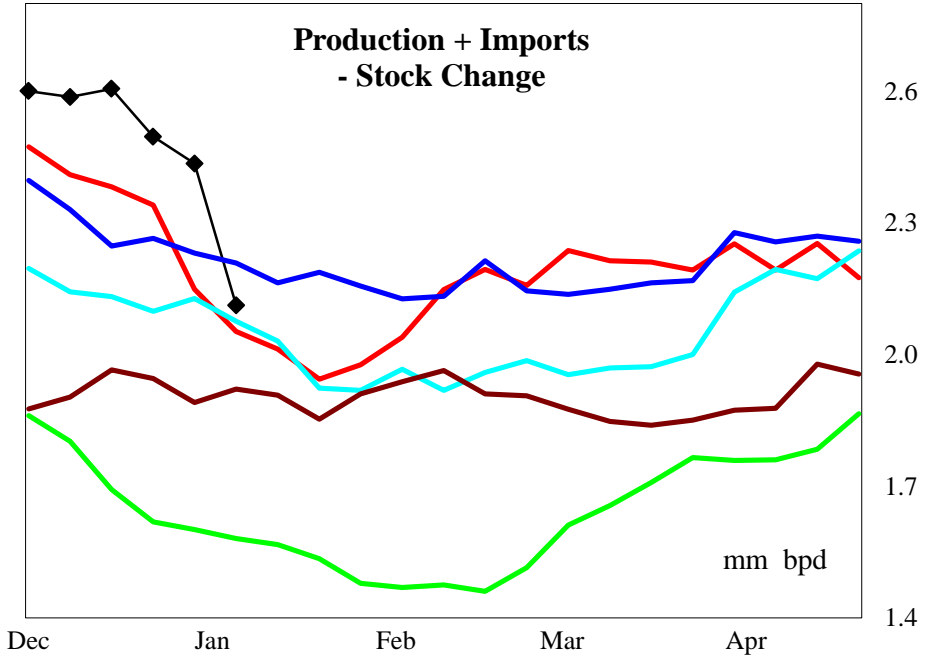
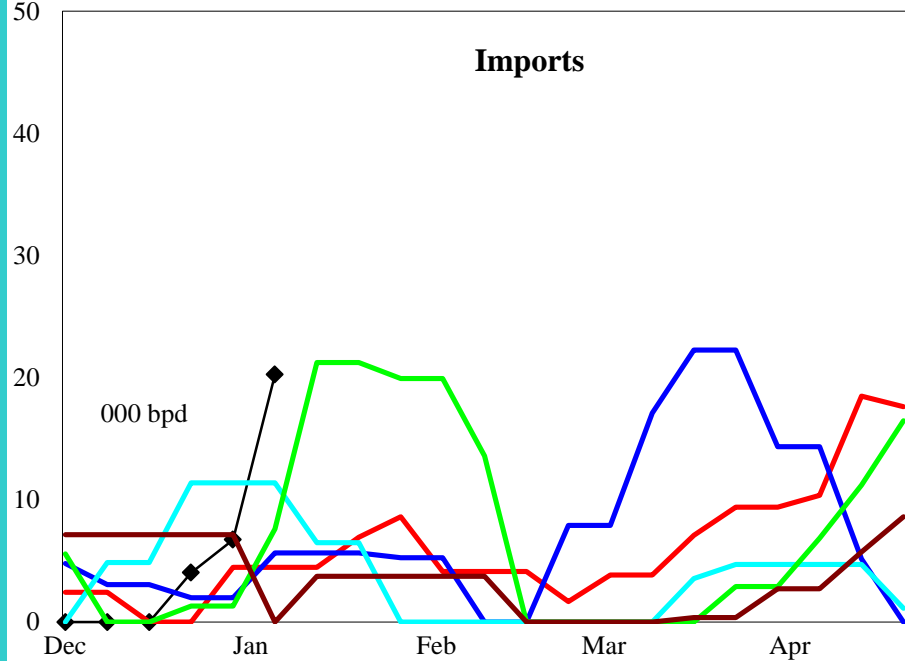
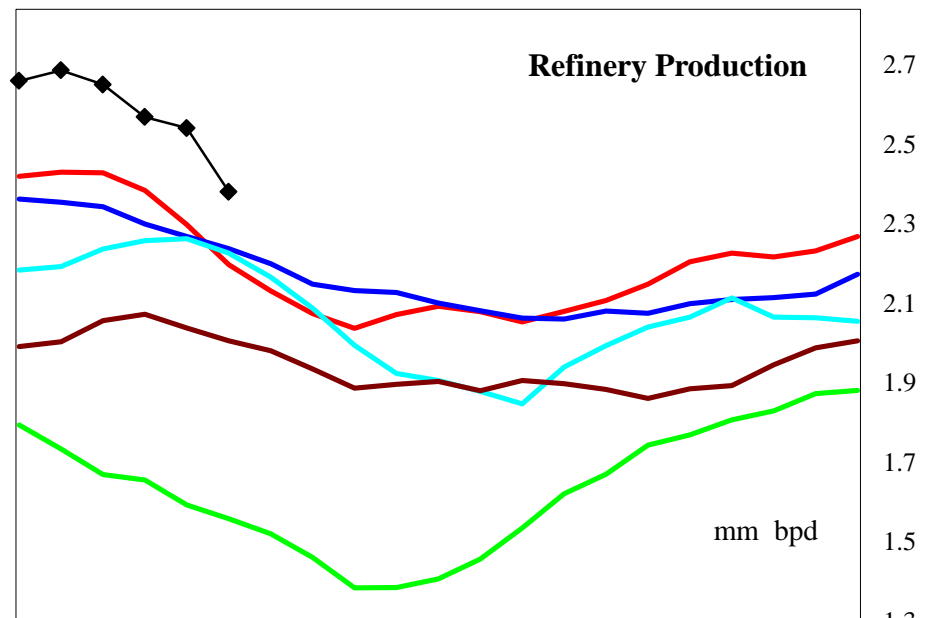
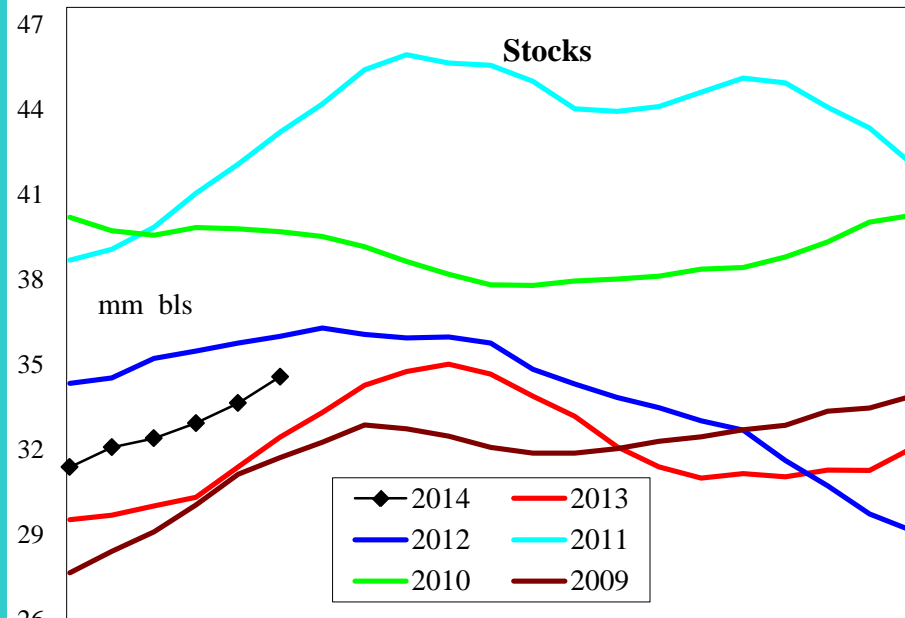
PADD 3 Conventional Gasoline Supply



PADD 3 Distillate Supply



PADD 3 Low Sulfur Distillate Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,598

4.8

Production

194

8.1

Imports

5

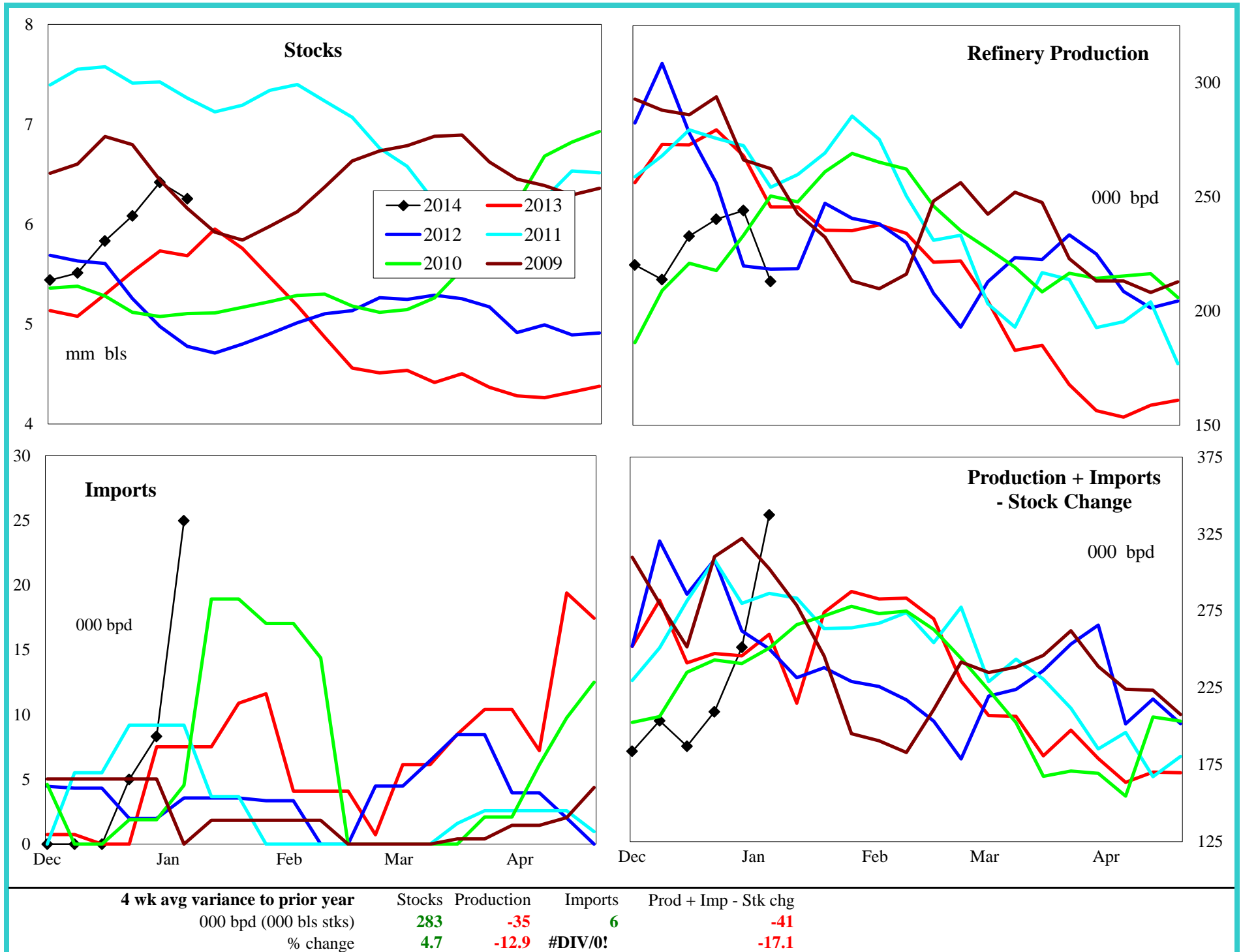
#DIV/0!

Prod + Imp - Stk chg

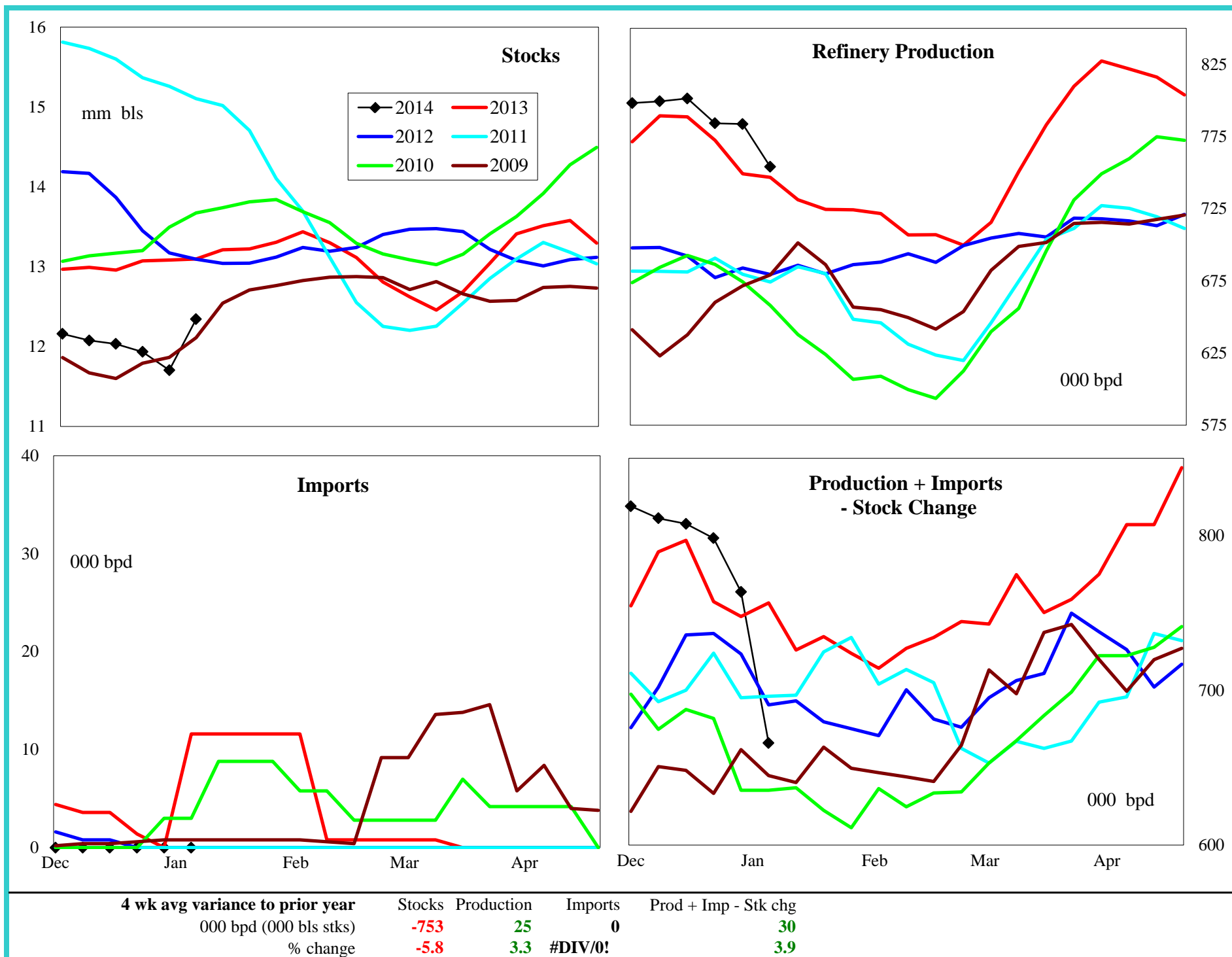
245

11.0

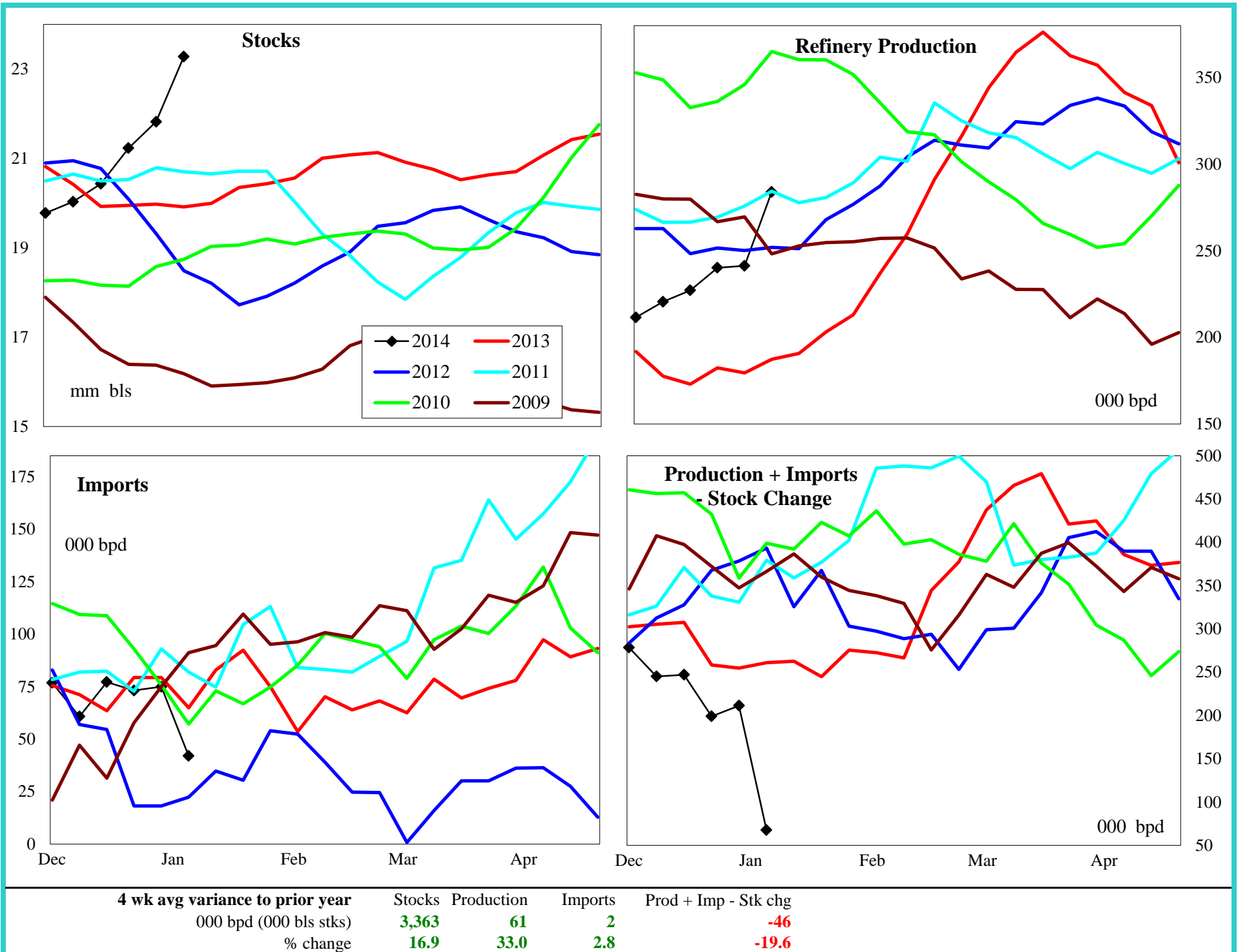
PADD 3 High Sulfur Distillate Supply



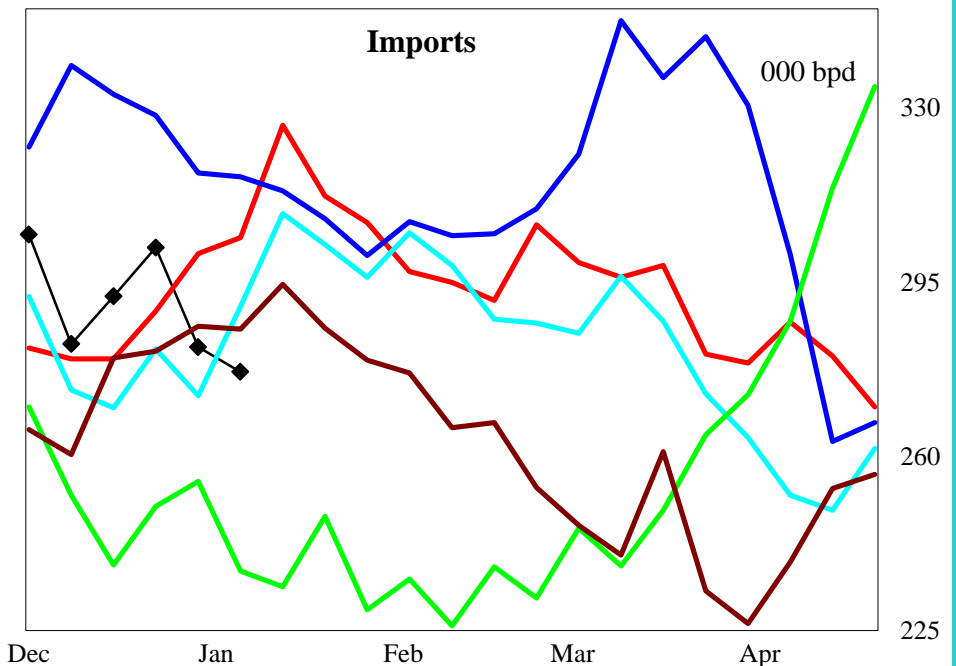
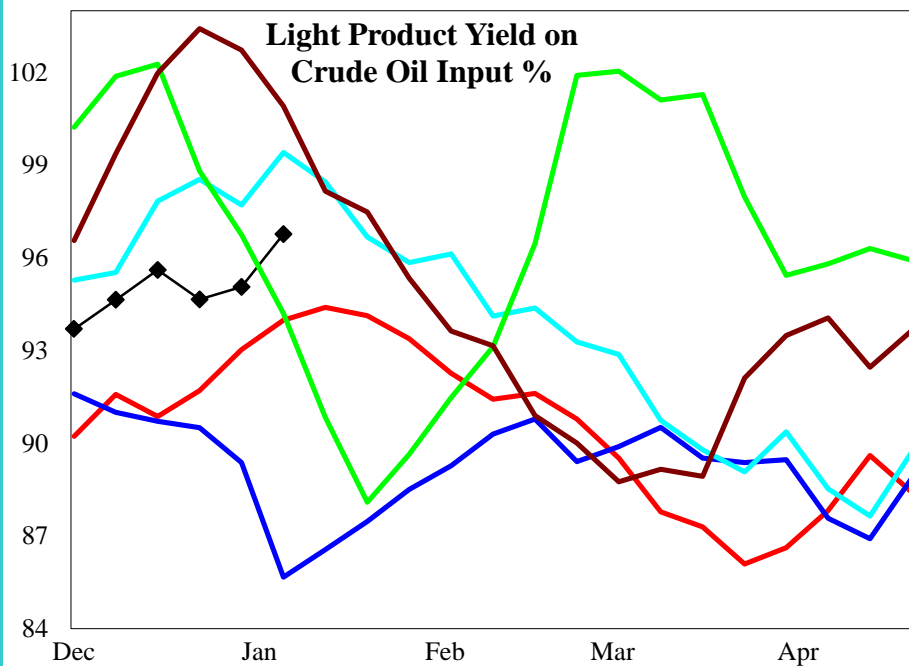
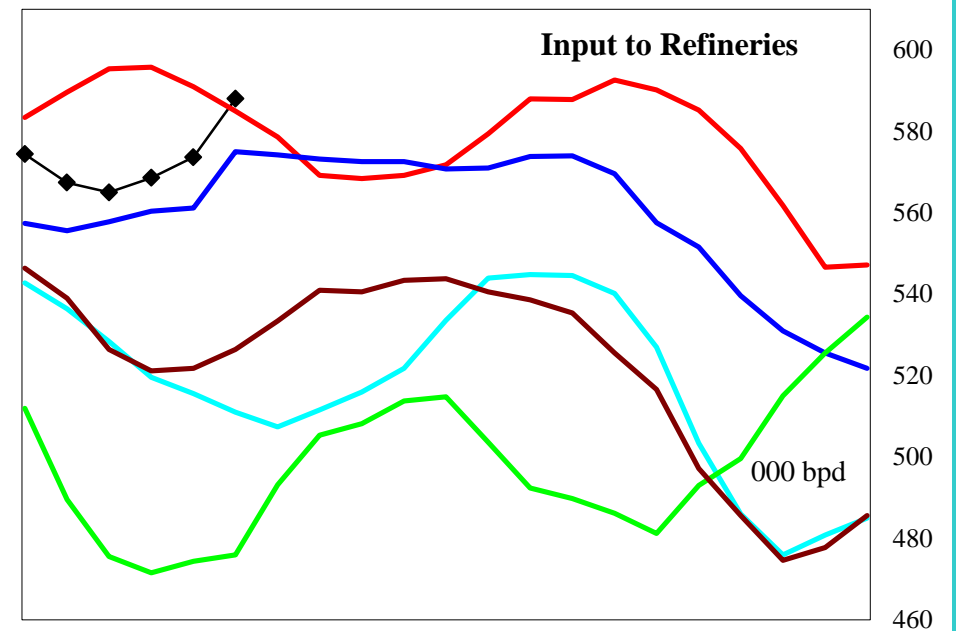
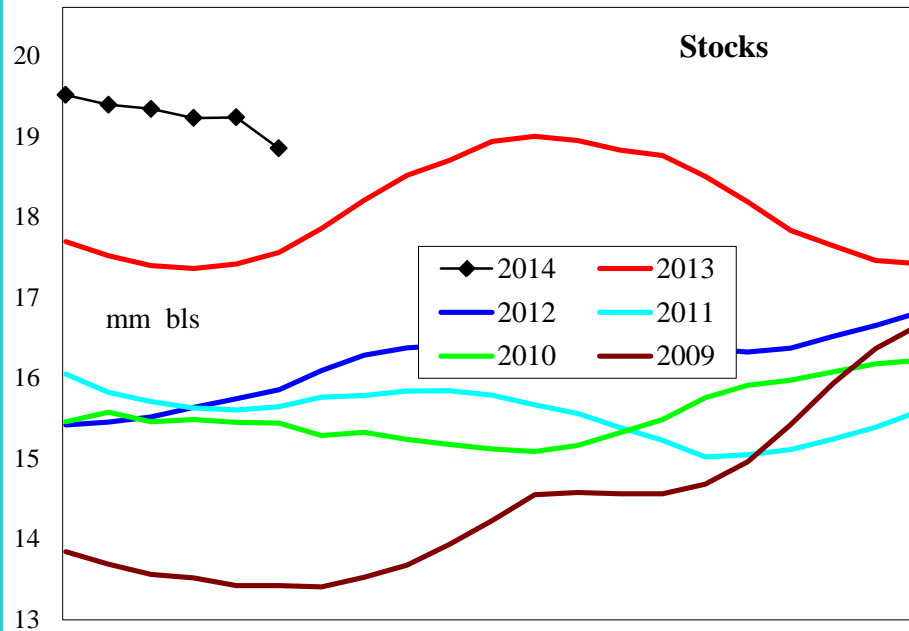
PADD 3 Jet Fuel Supply



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

1,290

7.2

Input

-29

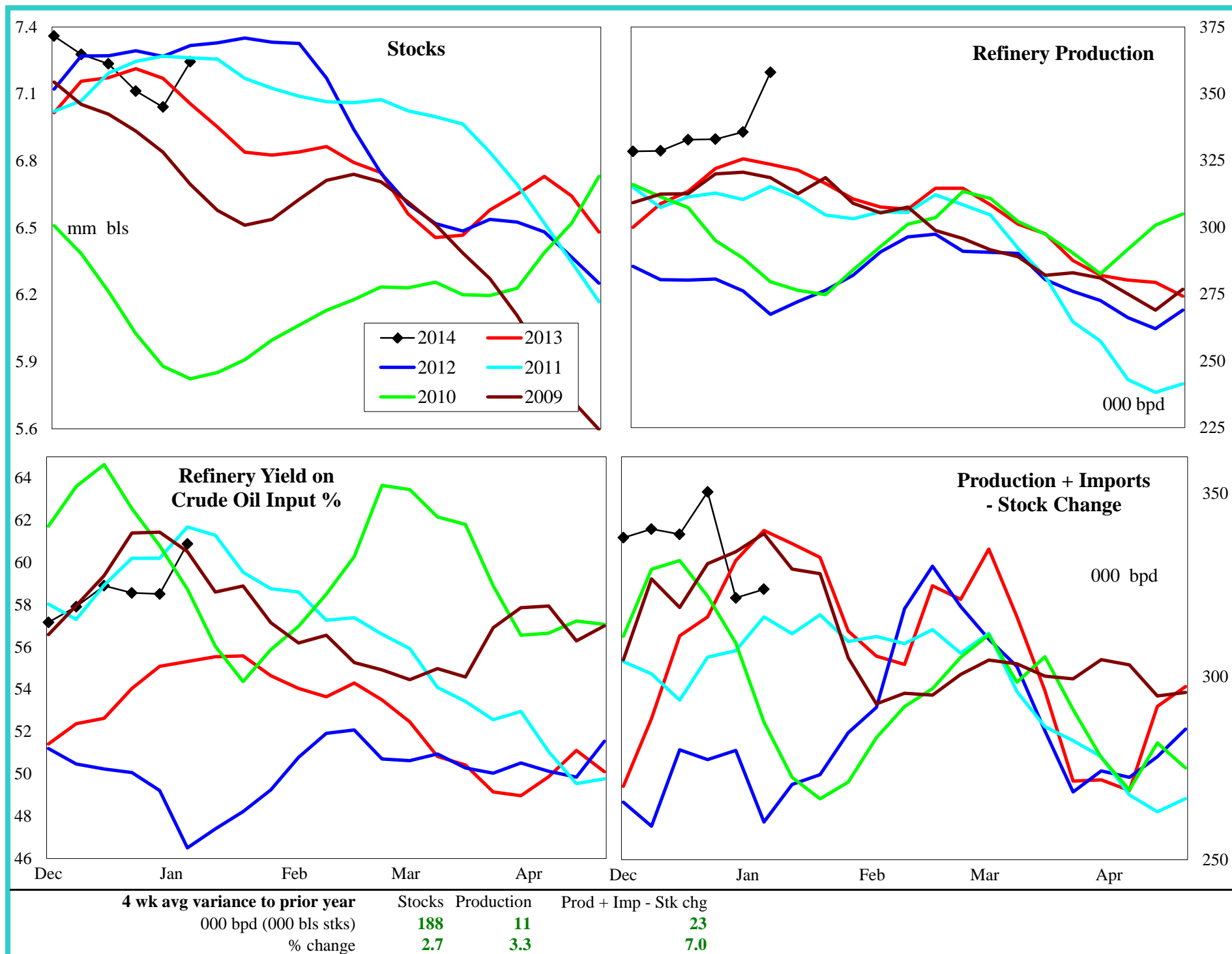
-4.9

Imports

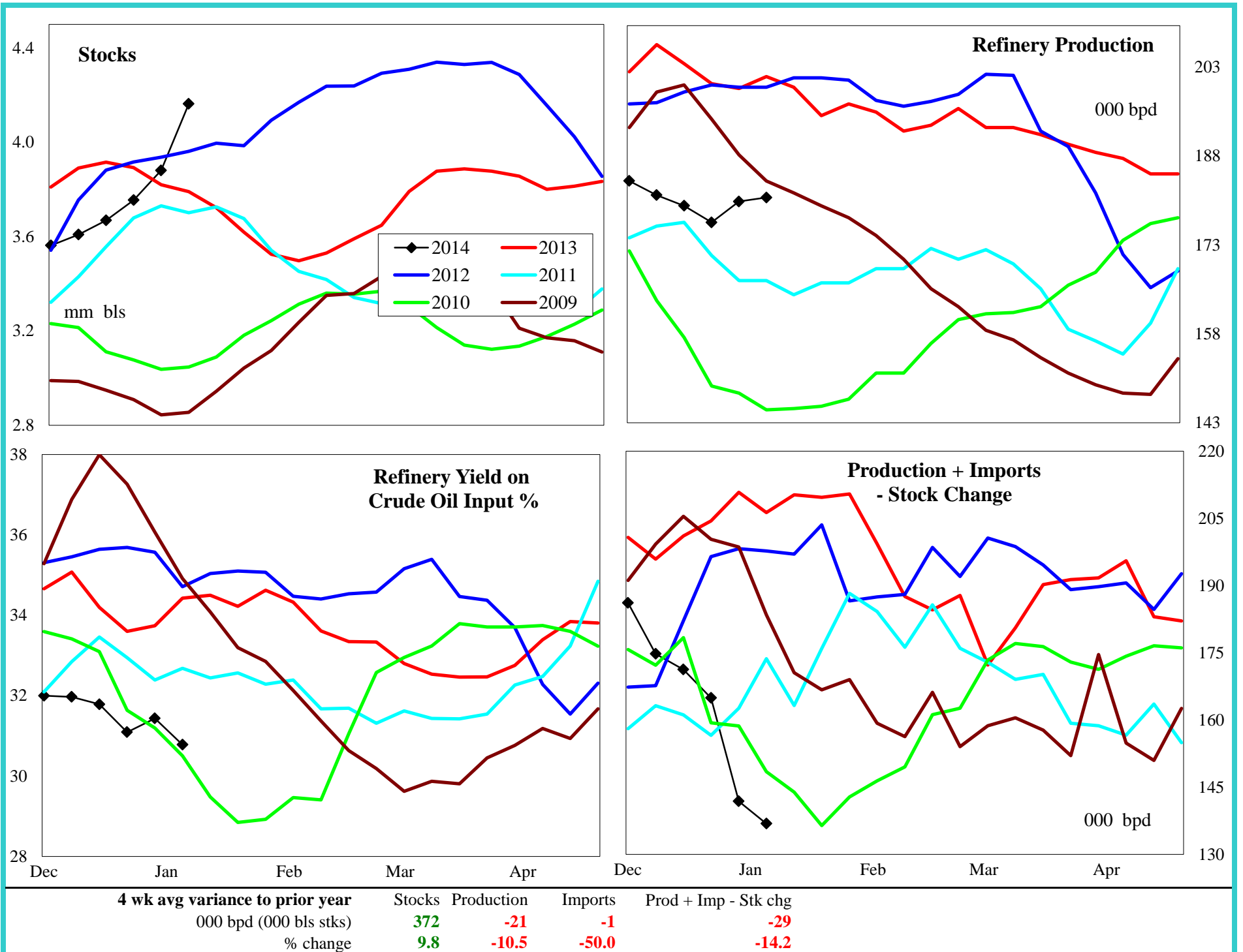
-7

-2.4

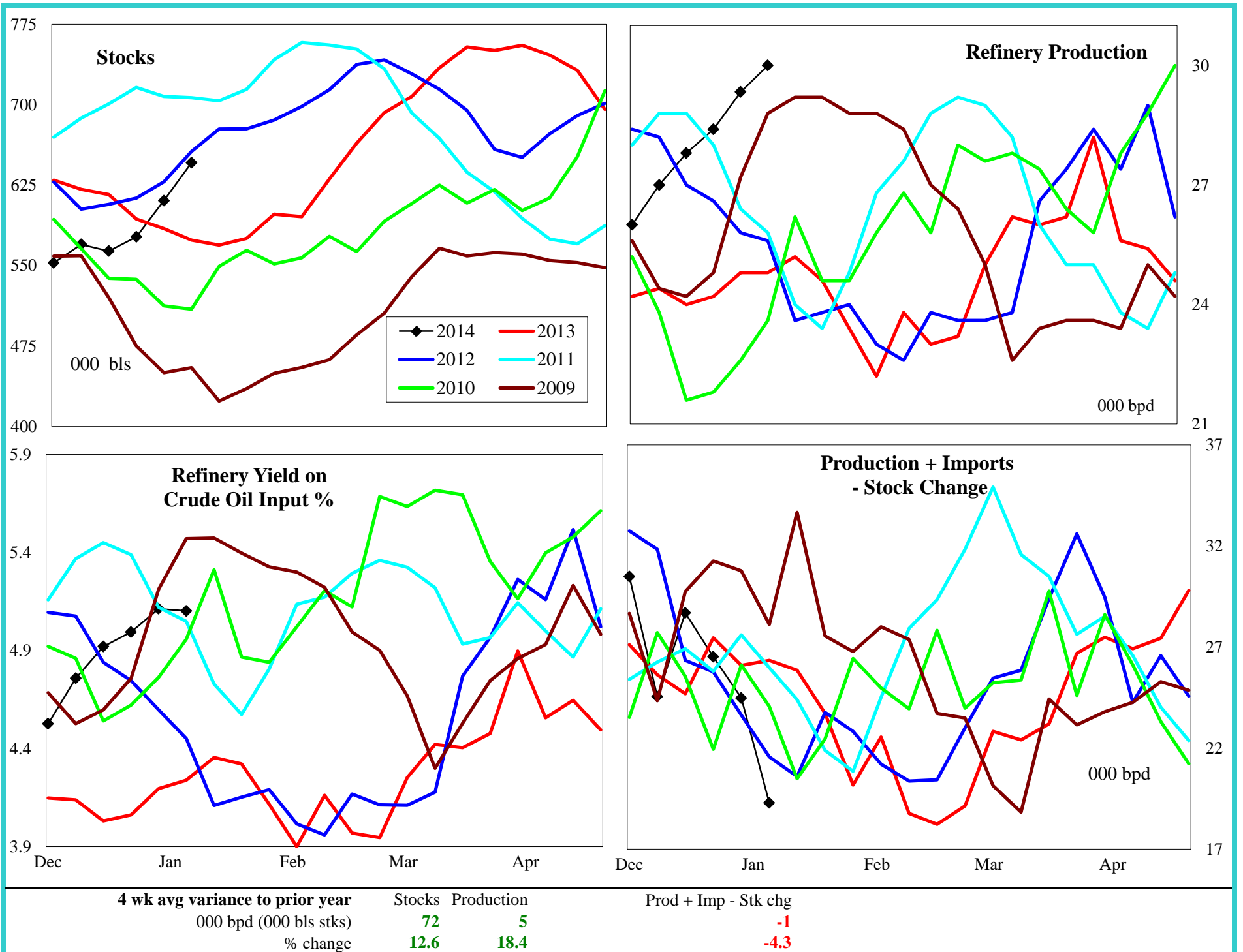
PADD 4 Gasoline Supply



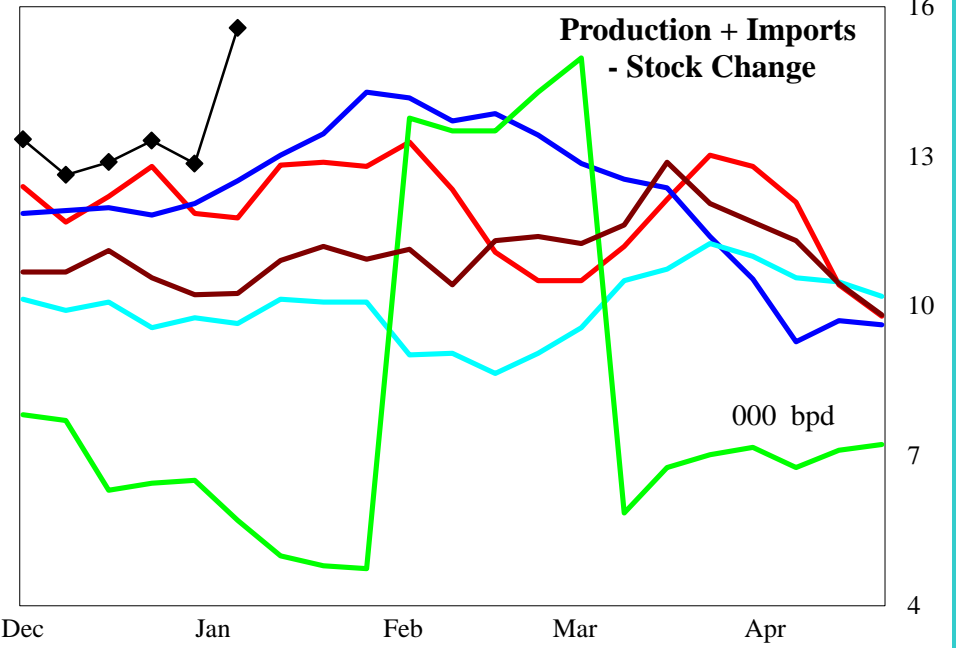
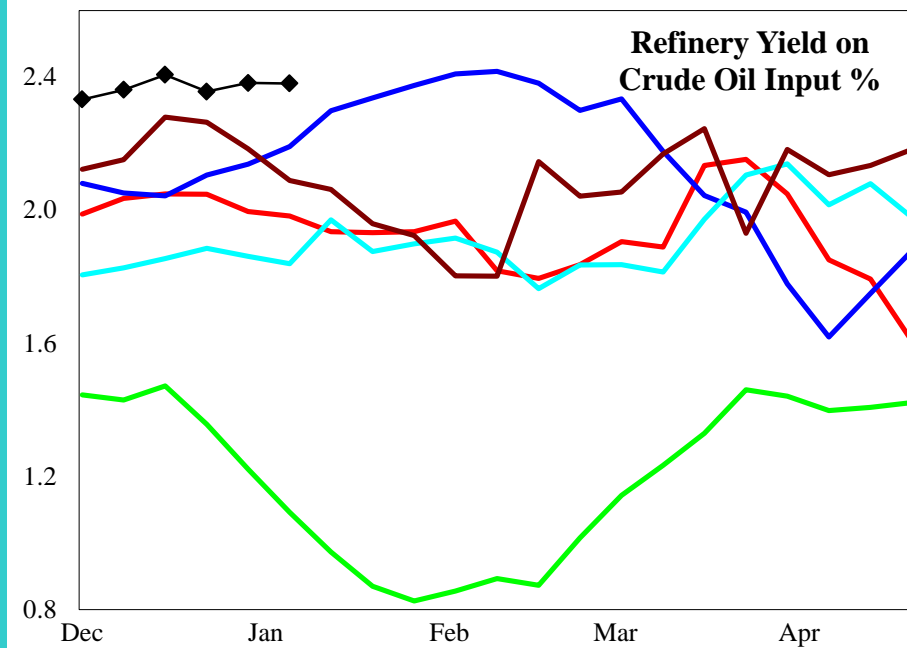
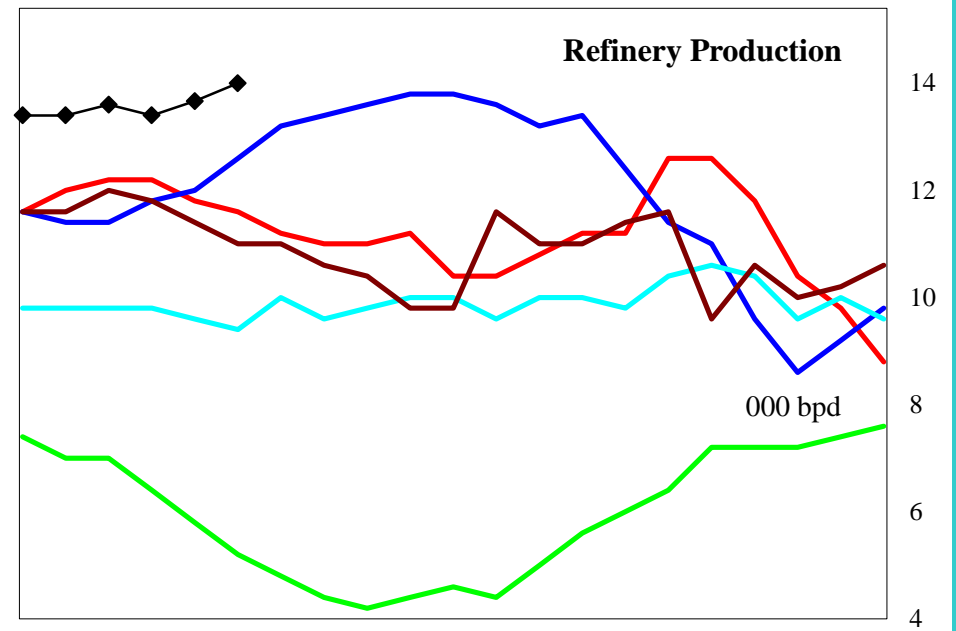
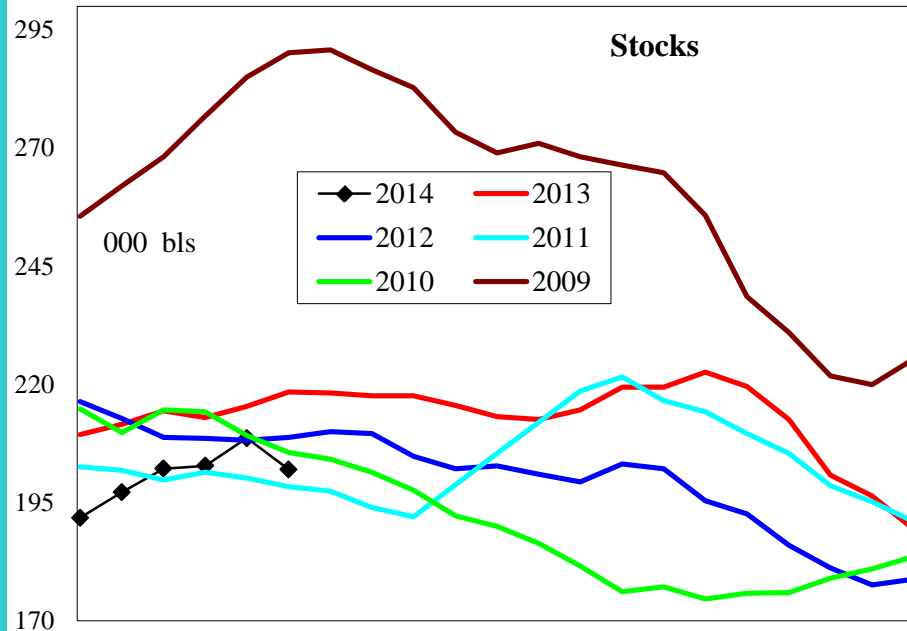
PADD 4 Distillate Supply



PADD 4 Jet Fuel Supply



PADD 4 Residual Fuel Oil Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

-16

1

-1

2

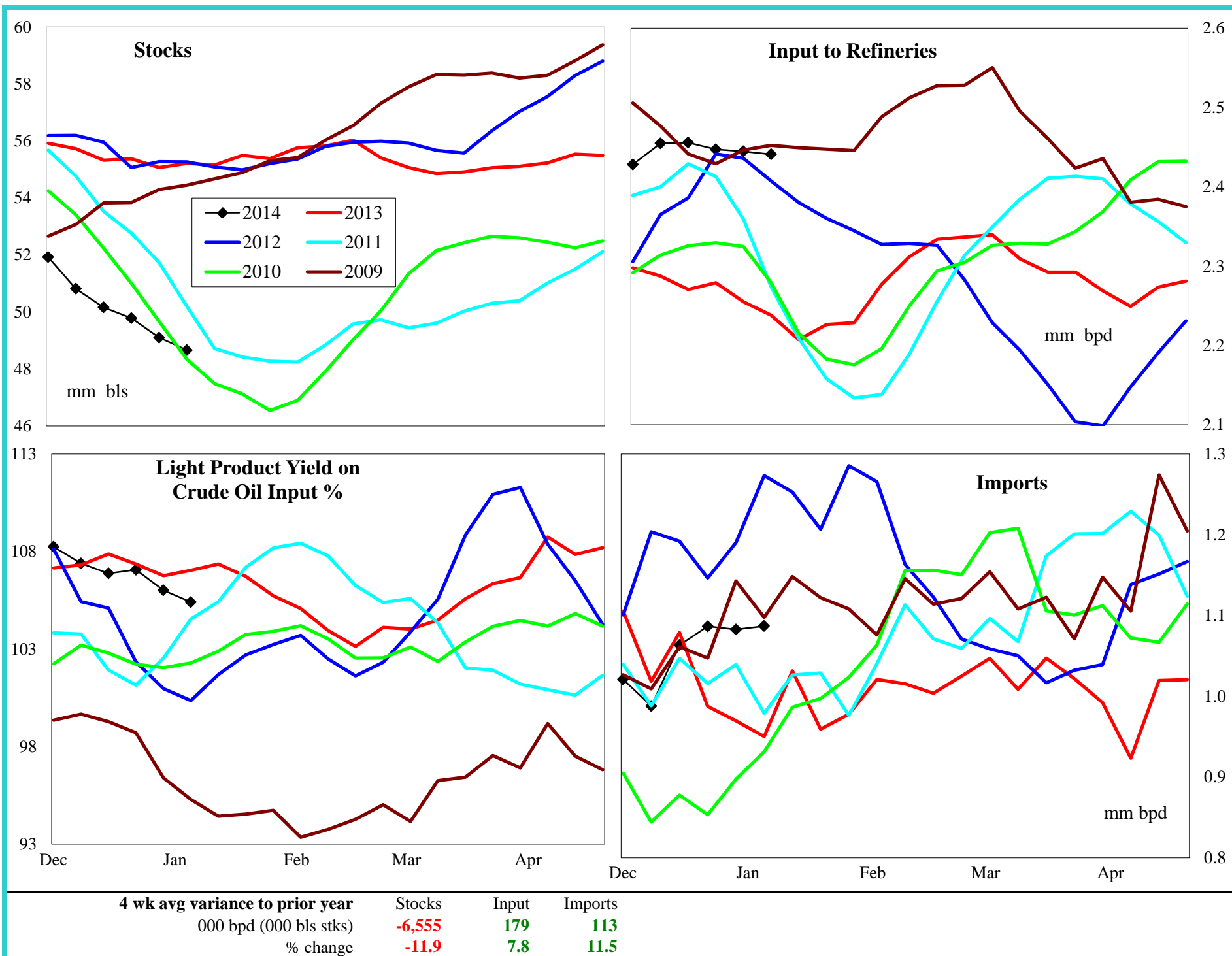
-7.5

10.4

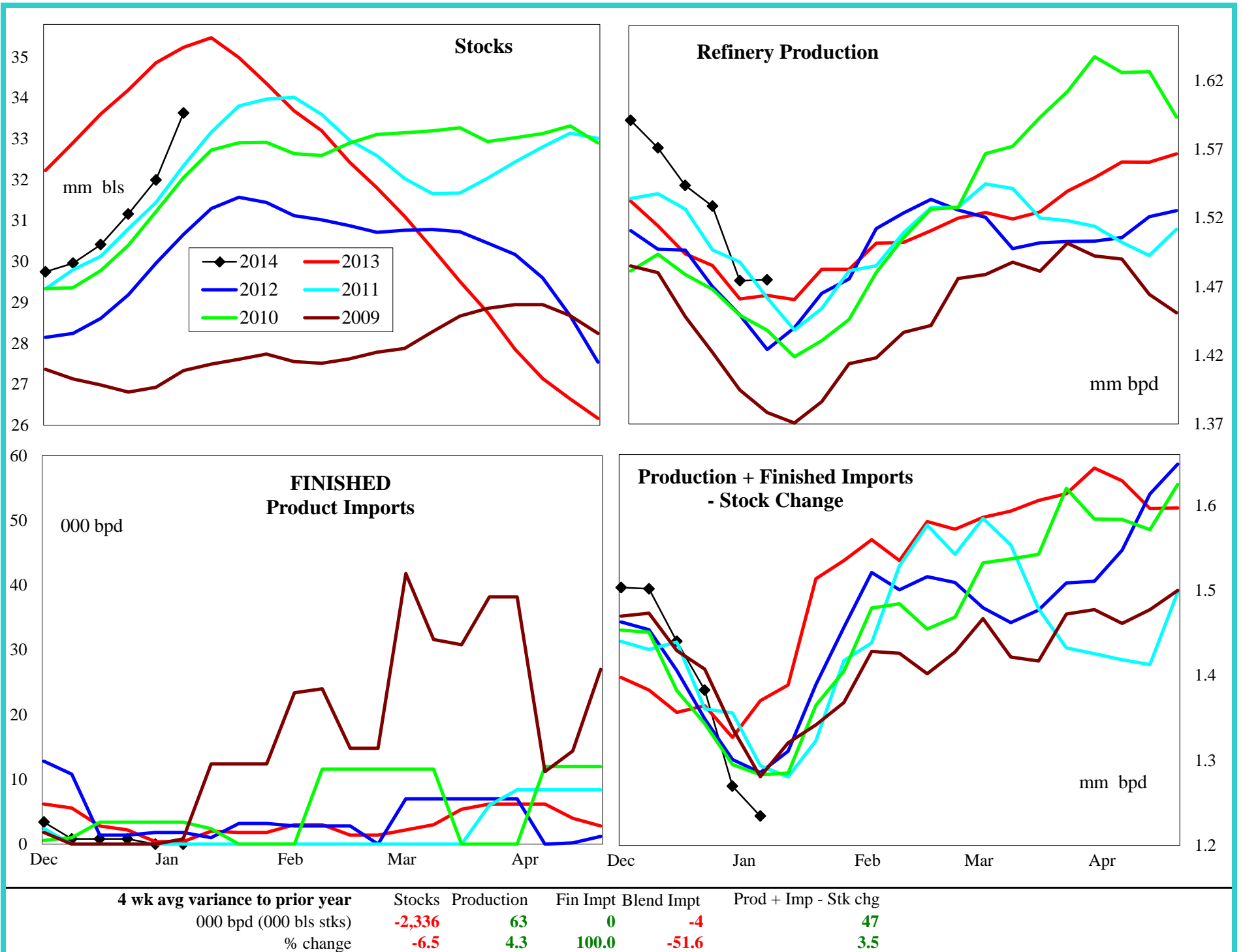
-100.0

14.7

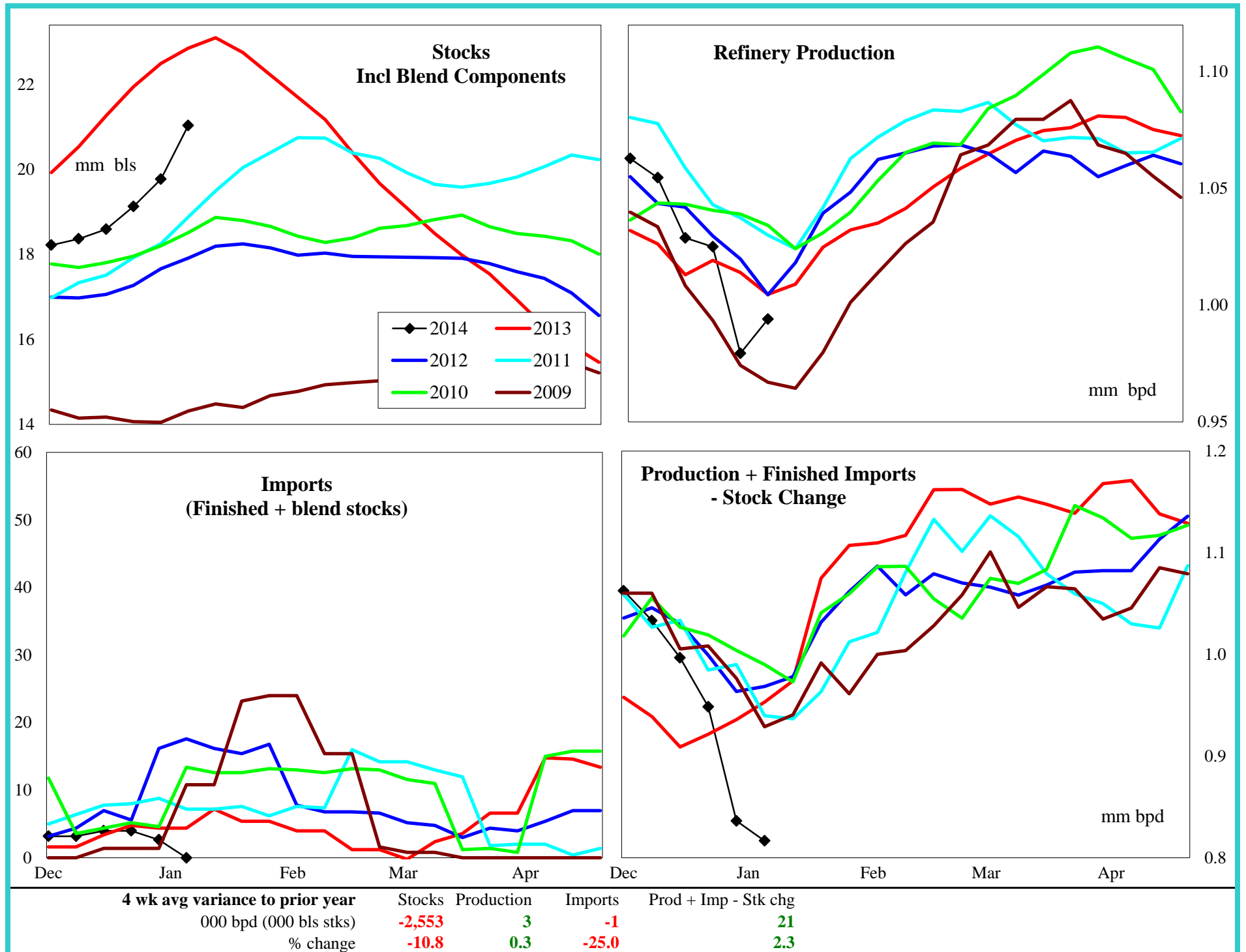
PADD 5 Crude Oil Supply and Refining



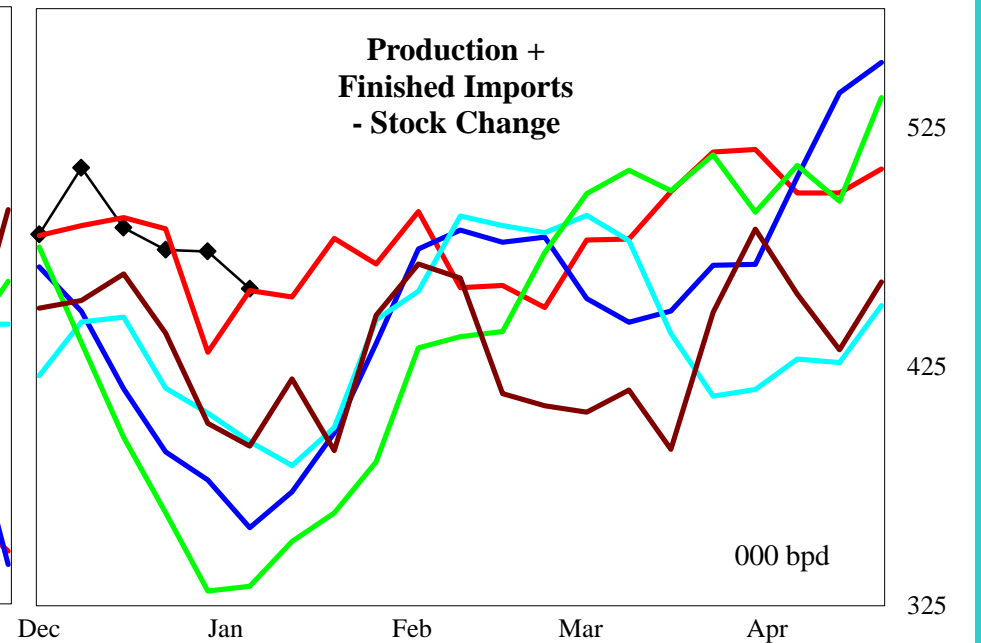
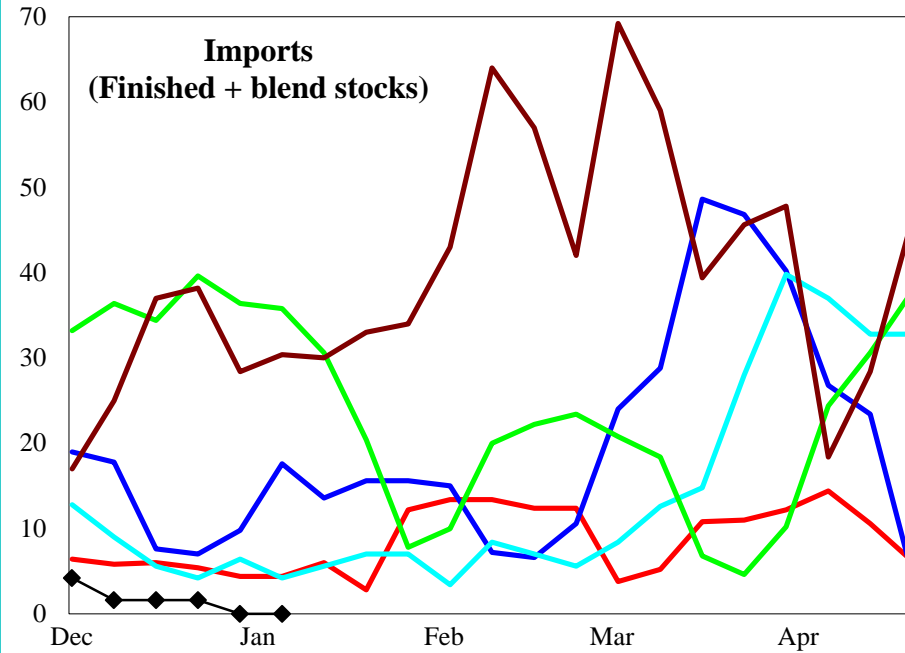
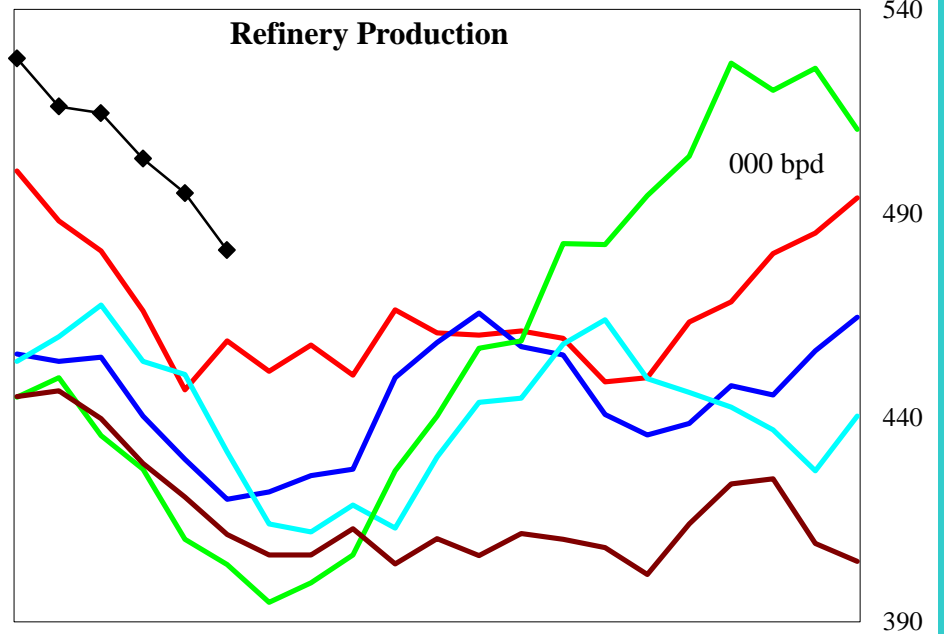
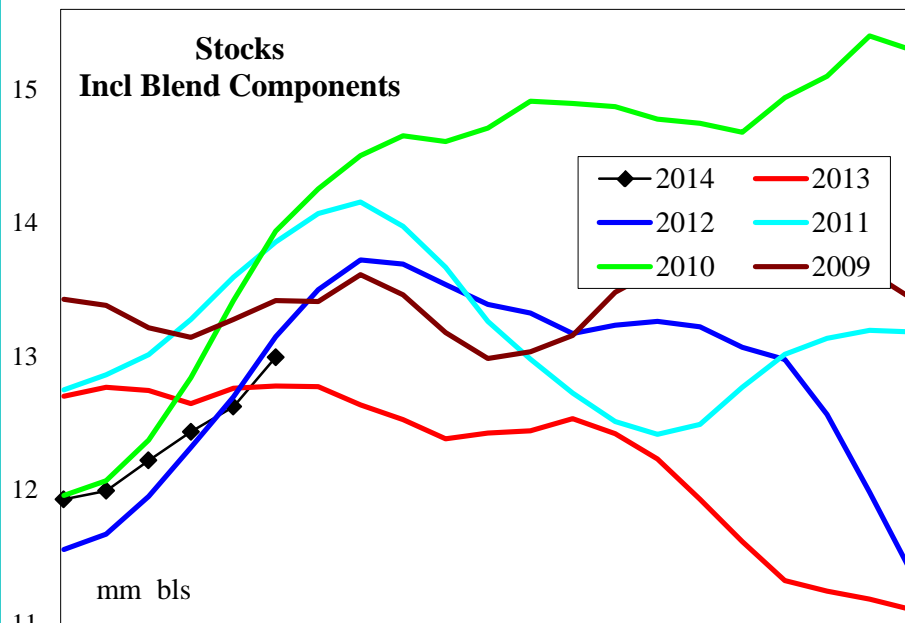
PADD 5 Gasoline Supply



PADD 5 Reformulated Gasoline Supply



PADD 5 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

217

60

-3

27

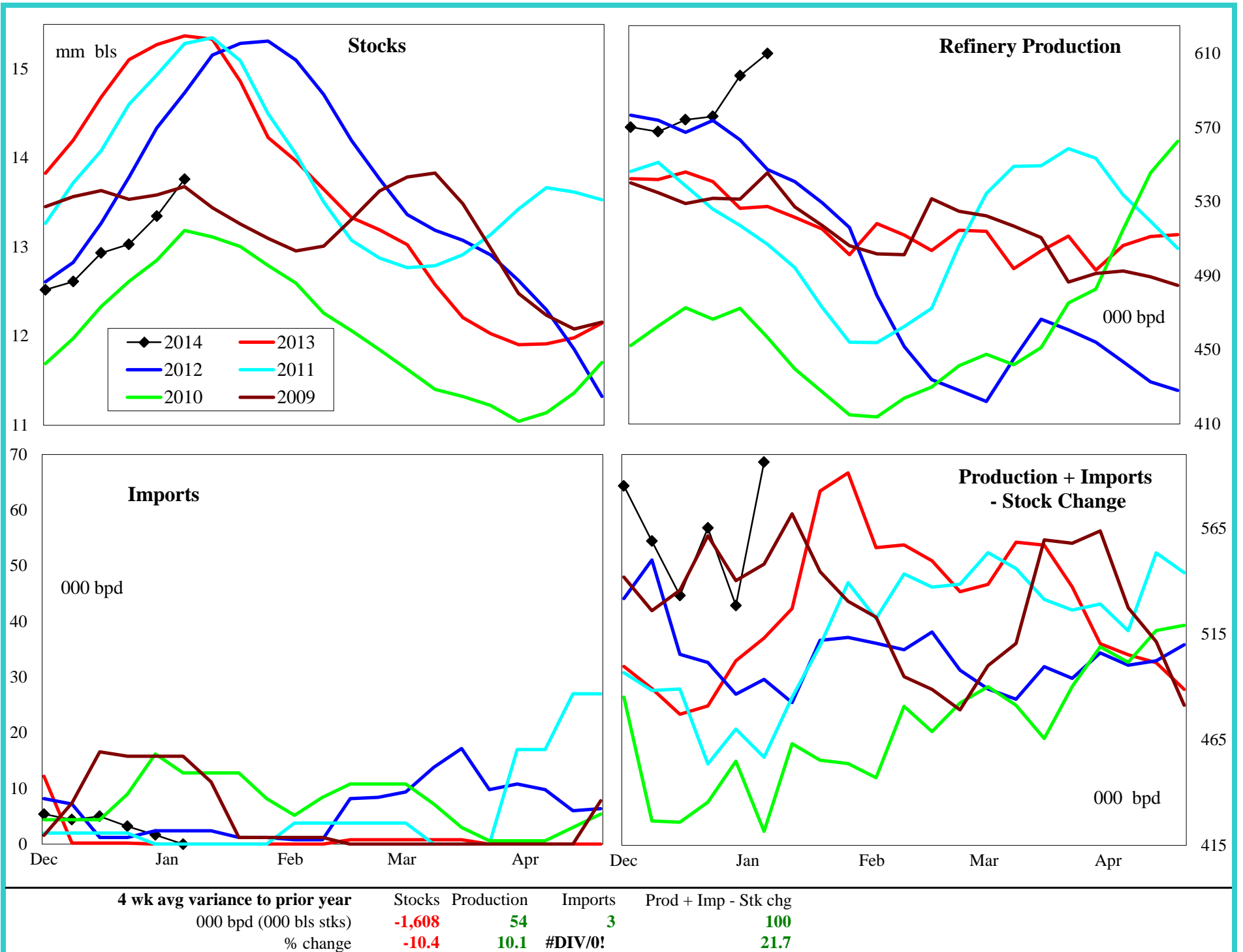
1.7

13.4

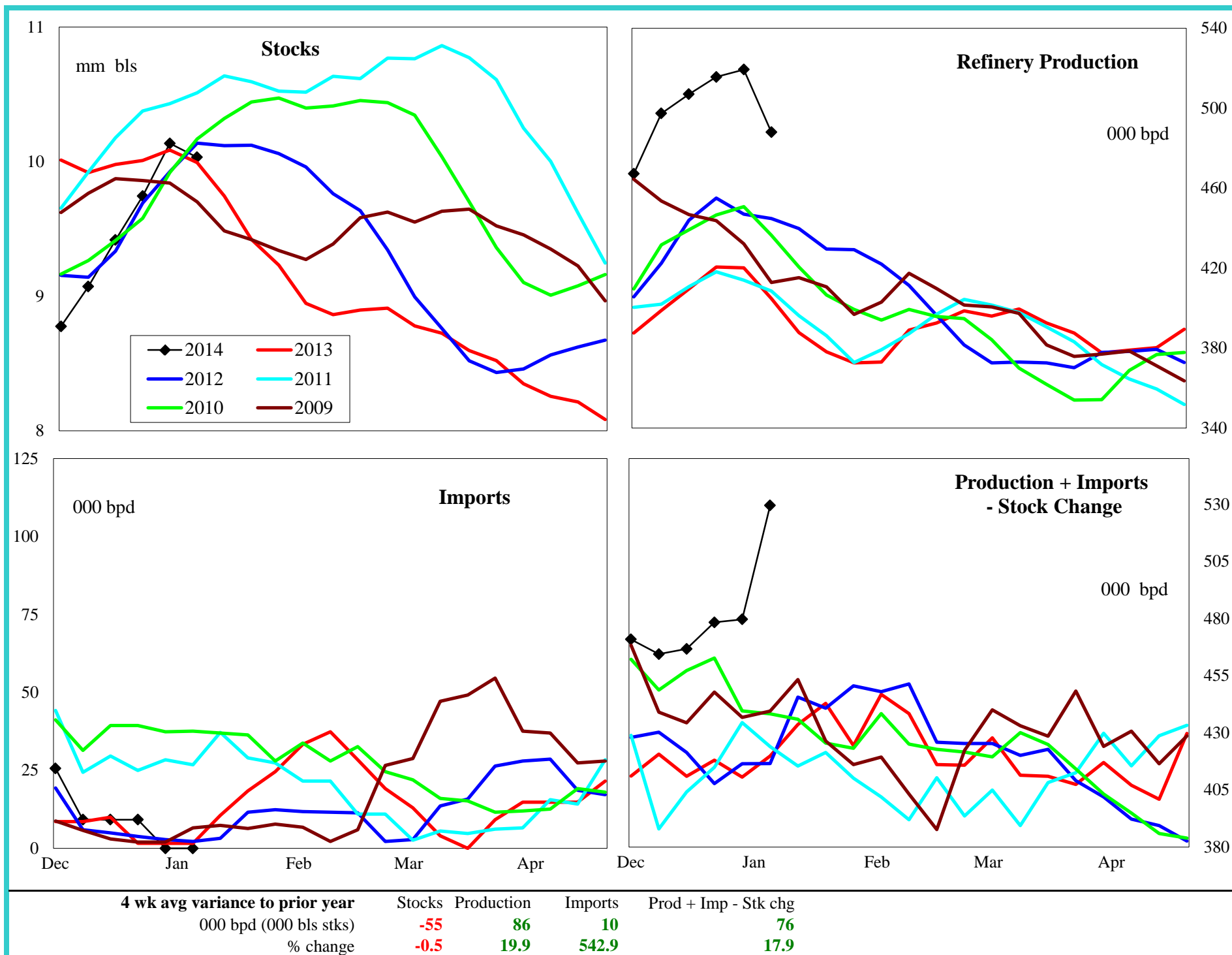
-68.8

6.0

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

