



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

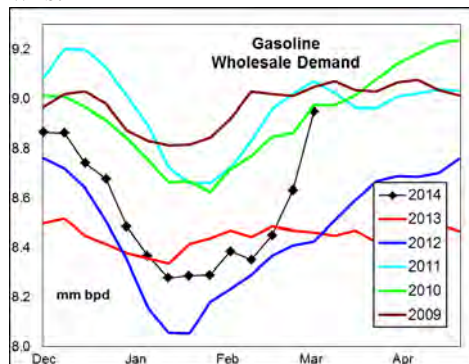
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, March 12, 2014

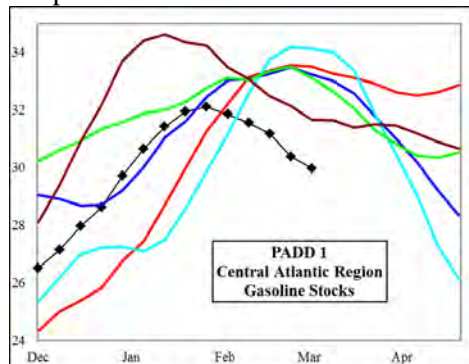


Major Fundamental Trends¹

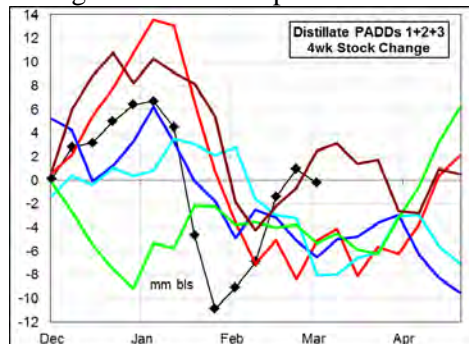
Transport fuel wholesale demand jumped +0.8 million bpd last week, led by a +0.5 million bpd rise in gasoline. Gasoline wholesale demand has rebounded +1 million bpd in the last 2-wks.



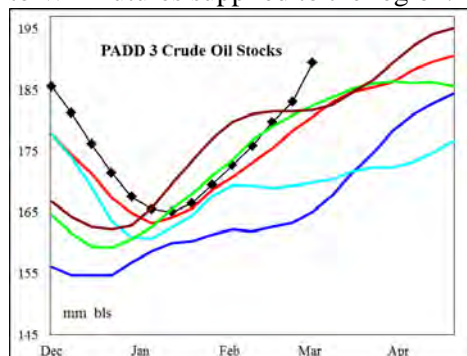
The rebound in wholesale gasoline demand and continued low imports has driven stock levels in the key Central Atlantic Region to new record lows for the period.



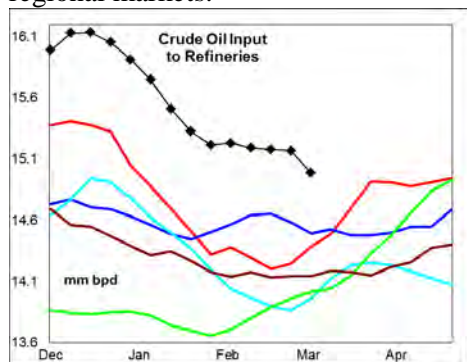
Weak distillate demand, high imports and production has led to a very low rate of stock draw East of the Rockies during the latest 4-wk period.



Crude oil stocks surged +7.5 million barrels in the Gulf region last week, lifting the stock level to record highs for the period. The over supply in the Gulf region has depressed cash prices for domestic crude oil grades relative to WTI futures supplied to the region.



Refinery crude oil runs remain +1 million bpd above a year ago, driven by increased capacity on the Gulf and run rates above a year ago in all major regional markets.



Wholesale Demand was higher for all transport fuels last week, rising a combined +0.8 million bpd last week. Wholesale demand, measured over the last four weeks compared to a year ago: gasoline decreased -0.3%; distillate was -0.2% lower; jet fuel increased +3.5%, and residual fuel decreased -17%.

Stocks forward coverage: Gasoline demand coverage fell on a -5.2 million barrel stock draw and surge in demand. Coverage ended the week at a level equal to the 2-yr mid range.

Distillate coverage decreased on a -0.5 million barrel stock draw. Coverage ended the week at a level slightly below the 5-yr range.

Jet fuel coverage fell on a -0.9 million barrel stock draw for the week

and higher demand. Coverage levels were below the historic range.

Residual fuel oil coverage ended the week at a level near the 2-yr average on very weak demand.

Refinery utilization rates decreased on a -225,000 bpd decline in crude oil runs last week. During the latest 4-wk period crude oil input was +1 million bpd above a year ago.

Gasoline yield % on crude oil runs jumped last week on a +320,000 bpd rise in output compared to the -225,000 bpd decline in crude oil runs. Yield % on crude oil runs was a record high for the last year, and above the last 2-yrs.

Distillate yield % on crude oil runs increased last week, on a +6,000 bpd increase in output compared to the decline in crude oil runs. The yield % on crude oil runs ended the week at a level above the historic range.

Jet fuel yield % on crude oil runs decreased on a -24,000 bpd decline in output, compared the decrease in crude oil runs. The yield % level matched the 3-yr mid range.

Petroleum Imports/Exports: Imports of crude oil, gasoline and jet fuel each increased last week. Distillate imports fell sharply.

During the latest 4-wk period crude oil *imports* were -0.4 million bpd below last year; distillate imports were +126,000 bpd higher; finished gasoline imports were unchanged, gasoline blend stock imports were -248,000 bpd lower; jet fuel imports increased +17,000 bpd, while residual fuel oil imports were -28,000 bpd lower.

Exports during the most recent week for distillate were +197,000 bpd above a year ago, gasoline +21,000 bpd, jet fuel +37,000 bpd and propane was +214,000 bpd higher.

Crude Oil stocks jumped +6.2 million barrels last week, including a +7.5 million barrel build in the Gulf. Stock levels in the Gulf are a record high for the period.

¹ Source is latest EIA Weekly Statistics



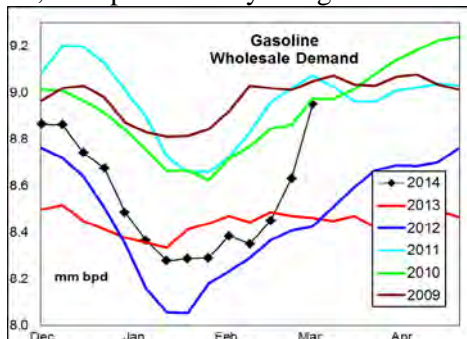
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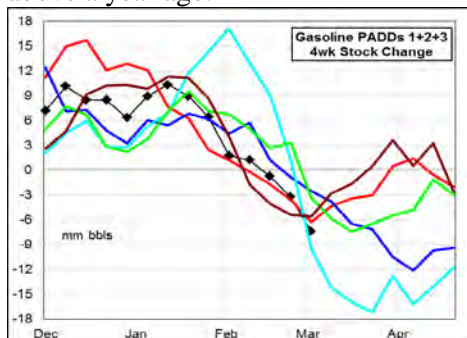
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Product Supply-Demand Trends

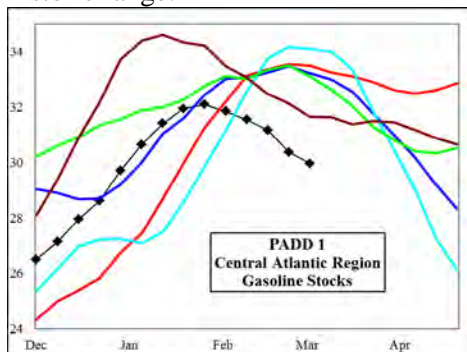
Gasoline wholesale demand surged +0.5 million bpd last week, rising +1 million bpd during the last 2-wks. The latest 4-wk average demand was -25,000 bpd below a year ago.



Supply jumped +385,000 bpd on a rebound in production. Supply for the latest 4-wk period was +36,000 bpd above a year ago.



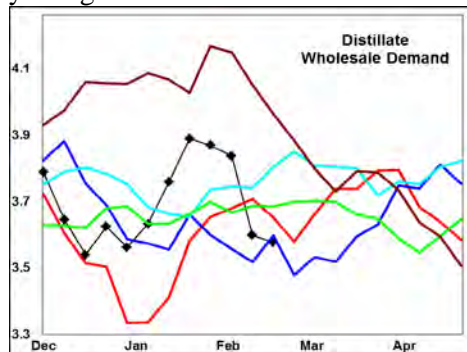
Stocks fell -5.2 million barrels last week, with stock levels in the key Central Atlantic region well below the historic range.



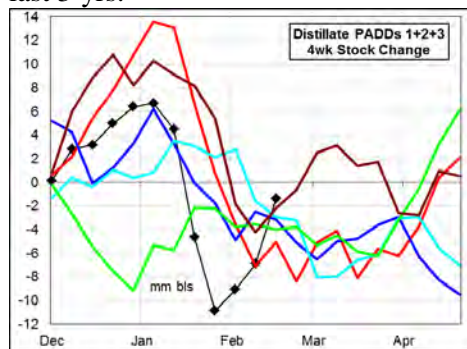
The latest 4-wk stock draw East of the Rockies of -9.5 million barrels matched the record draw for this time of year. Look for higher seasonal demand, refinery maintenance and continued low imports to risk a supply squeeze in the Northeast during the 2nd quarter.

Distillate wholesale demand climbed

+151,000 bpd last week. The latest 4-wk average demand was -8,000 bpd below last year – driven by inclement weather East of the Rockies that has reduced transport demand. Supply fell -127,000 bpd last week on sharply lower imports, although the 4-wk average was +426,000 bpd above a year ago.



The latest 4-wk stock change in markets East of the Rockies was a -0.2 million barrel draw, compared to an average -6 million barrel draw for the last 3-yrs.



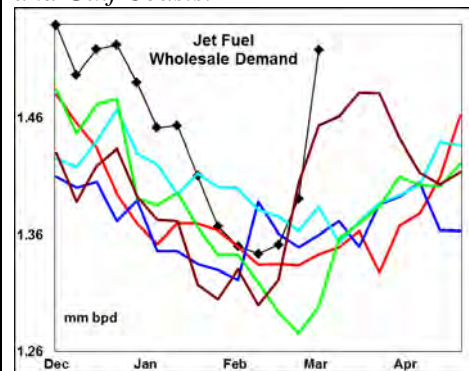
Stock draws East of the Rockies during the last 2-wks have been significantly less than in prior years – driven by lower wholesale demand, a surge in imports, weak exports, and record production. Look for a year-on-year increase in production to offset a seasonal uptrend in wholesale demand, leading to counter seasonal stock builds.

Jet Fuel wholesale demand increased +87,000 bpd last week, a level above the 5-yr range. The latest 4-wk average demand was +46,000 bpd above last year.

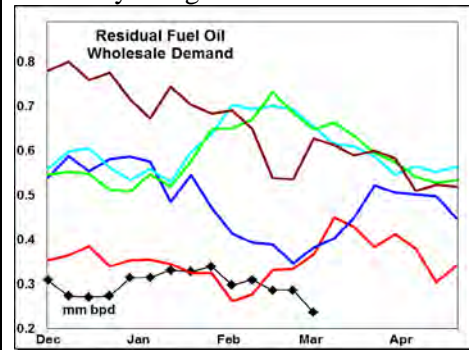
Supplies increased +50,000 bpd on

a surge in imports. Output for the most recent 4-wk period was +69,000 bpd above a year ago. Imports were +17,000 bpd above last year. Stocks fell -0.9 million barrels last week, a level -1.5 million barrels below a year ago, a record low.

A rebound in whole sale demand has offset record imports, keeping stock levels extremely low on the East and Gulf Coasts.



Residual fuel oil demand decreased -76,000 bpd last week. Demand for the latest 4-wk period was -49,000 bpd below a year ago.



Supply (production + imports) increased +24,000 bpd on higher imports. Production was -92,000 bpd below a year ago for the latest 4-wk period, while imports also decreased -28,000 bpd. Stock levels ended the week +1.8 million barrels above last year.

Production and imports in the key gulf region are each -35% below a year ago for the most recent 4-wk period. Even with the low supply, stock levels ended the week +1.2 million barrels above the historic range.



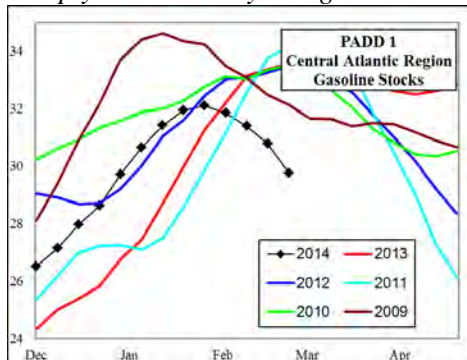
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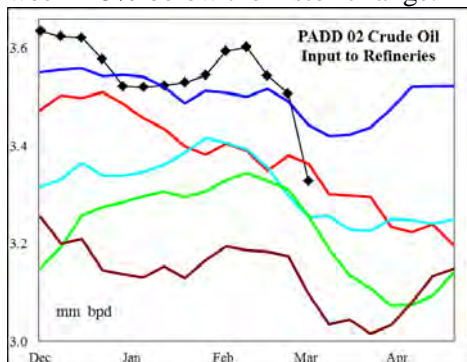
PADD Supply Trends

PADD 1 refinery crude oil runs increased +67,000 bpd last week; with the latest 4-wk average +85,000 bpd above last year. Gasoline supply increased +118,000 bpd on higher imports. Stocks fell -1.2 million barrels, to a level below the last 3-yrs. *Central Atlantic Region stocks remain sharply below the 5-yr range.*



Distillate supply declined -39,000 bpd last week on lower imports. Stocks increased +0.2 million barrels on the week, but remain below the historic range.

Jet fuel imports jumped +74,000 bpd to a record high. Stocks ended the week -15% below the historic range.



PADD 2 crude oil refinery runs fell -289,000 bpd last week, on the start of spring maintenance. Crude oil stocks declined -0.7 million barrels last week, including a -1.3 million barrel draw in Cushing.

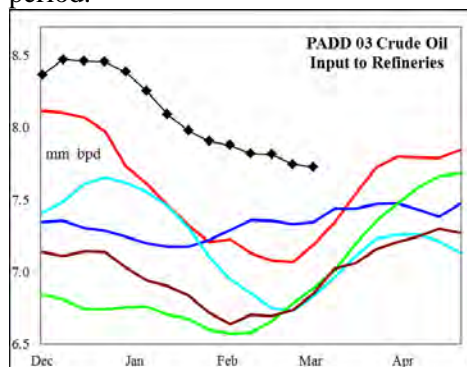
Gasoline supply decreased -7,000 bpd last week, and remains above the 5-yr range. Production for the most recent 4-wk period was +290,000 bpd above a year ago – *driven by the EIA recording sub octane product shipped into the Midwest as finished product*

production when blended with ethanol. Stocks fell -0.9 million barrels on the week, ending at a level below the 5-yr range.

Distillate supply declined -11,000 bpd last week, with the 4-wk average +57,000 bpd above a year ago. Stock levels ended the week -7% below the 5-yr range.

Jet fuel production declined -9,000 bpd last week, with the 4-wk average +8,000 bpd above last year. Stock levels ended the week +1% above last year.

PADD 3 refinery runs increased +87,000 bpd last week, a level above the 5-yr range. During the latest 4-wk period, average runs were +739,000 bpd above last surged +7.5 million barrels last week, a record high for the period.



Gasoline supply fell -215,000 bpd last week, with the latest 4-wk average +44,000 bpd above a year ago. Stocks fell -2.2 million barrels last week, with the level still above the historic range.

Distillate supply was unchanged on the week with higher production offset by a drop in imports. The latest 4-wk average supply was +233,000 bpd above last year. Stocks fell -1.2 million barrels last week, to a level near the average of the last 2-yrs.

Jet fuel production fell -31,000 bpd on the week, a level that matched historic highs. Stocks fell -1.2 million barrels on the week, -18% below last year and an all-time record low.

Residual fuel supply increased +27,000 bpd last week. Supplies remain -125,000 bpd below the historic range.

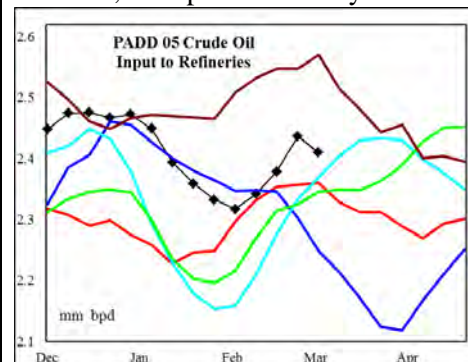
PADD 4 refinery crude runs increased +15,000 bpd last week, a level equal to the average of the last 2-yrs.

Gasoline production decreased -6,000 bpd on the week, a level near the 3-yr mid range. Stocks were unchanged on the week, with the level near 5-yr lows.

Distillate production declined -18,000 bpd on the week, a level below each of the last 3-yrs. Stock levels ended the week -8% below last year.

Jet fuel production and stock levels were each at the 3-yr mid range.

PADD 5 crude oil refinery runs fell -106,000 bpd last week, a level above the last 3-yrs. The latest 4-wk run rate was +43,000 bpd above last year.

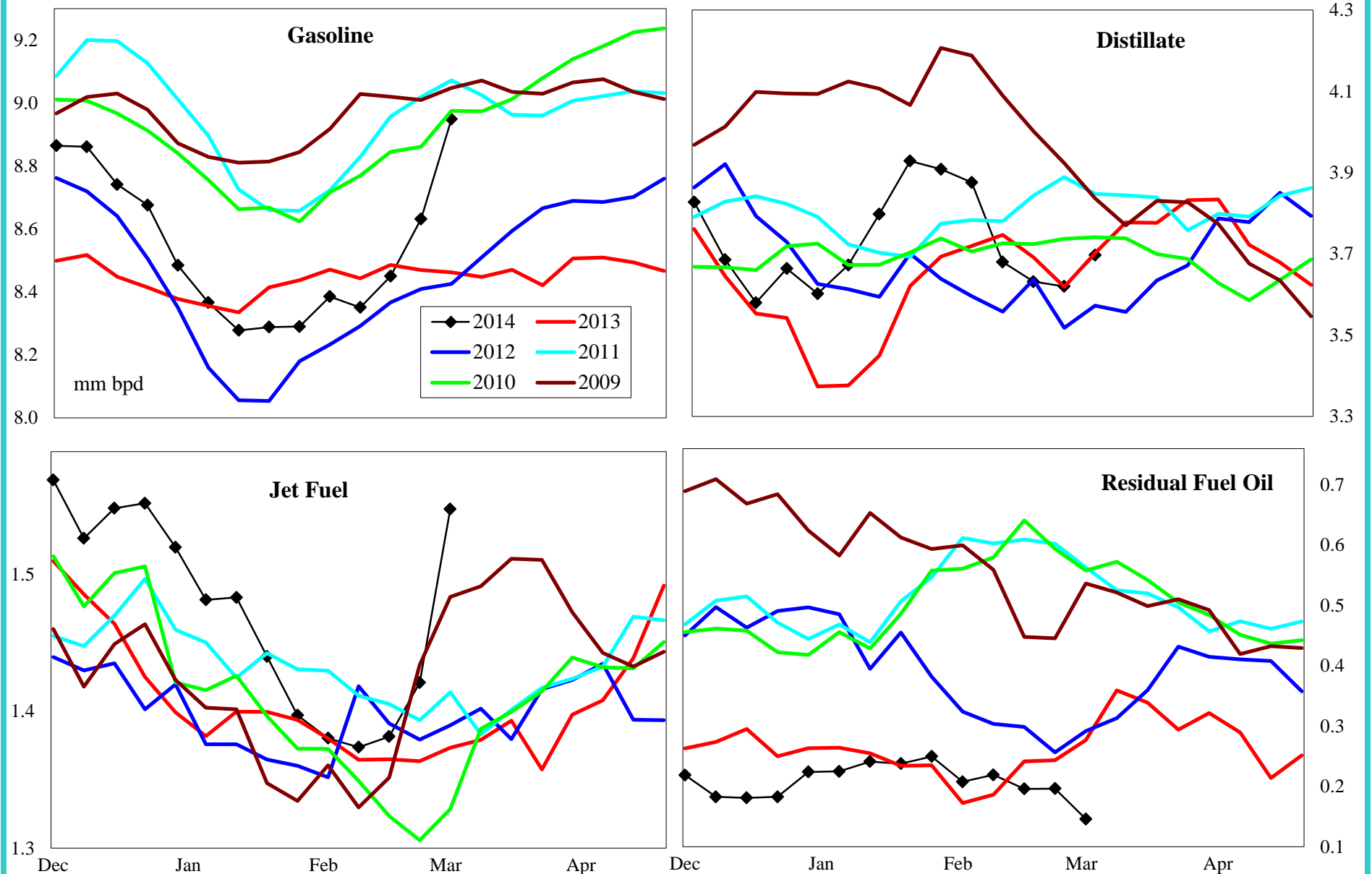


Gasoline supply was unchanged on the week, with higher production offset by lower imports. The latest 4-wk average supply was +30,000 bpd above a year ago. Stocks decreased -1 million barrels on the week, a level equal to the 3-yr mid-range.

Distillate supply fell -52,000 bpd, with the level still above the historic range. The latest 4-wk average supply was +72,000 bpd above a year ago. Stocks increased +0.2 million barrels, to a level that matched historic highs.

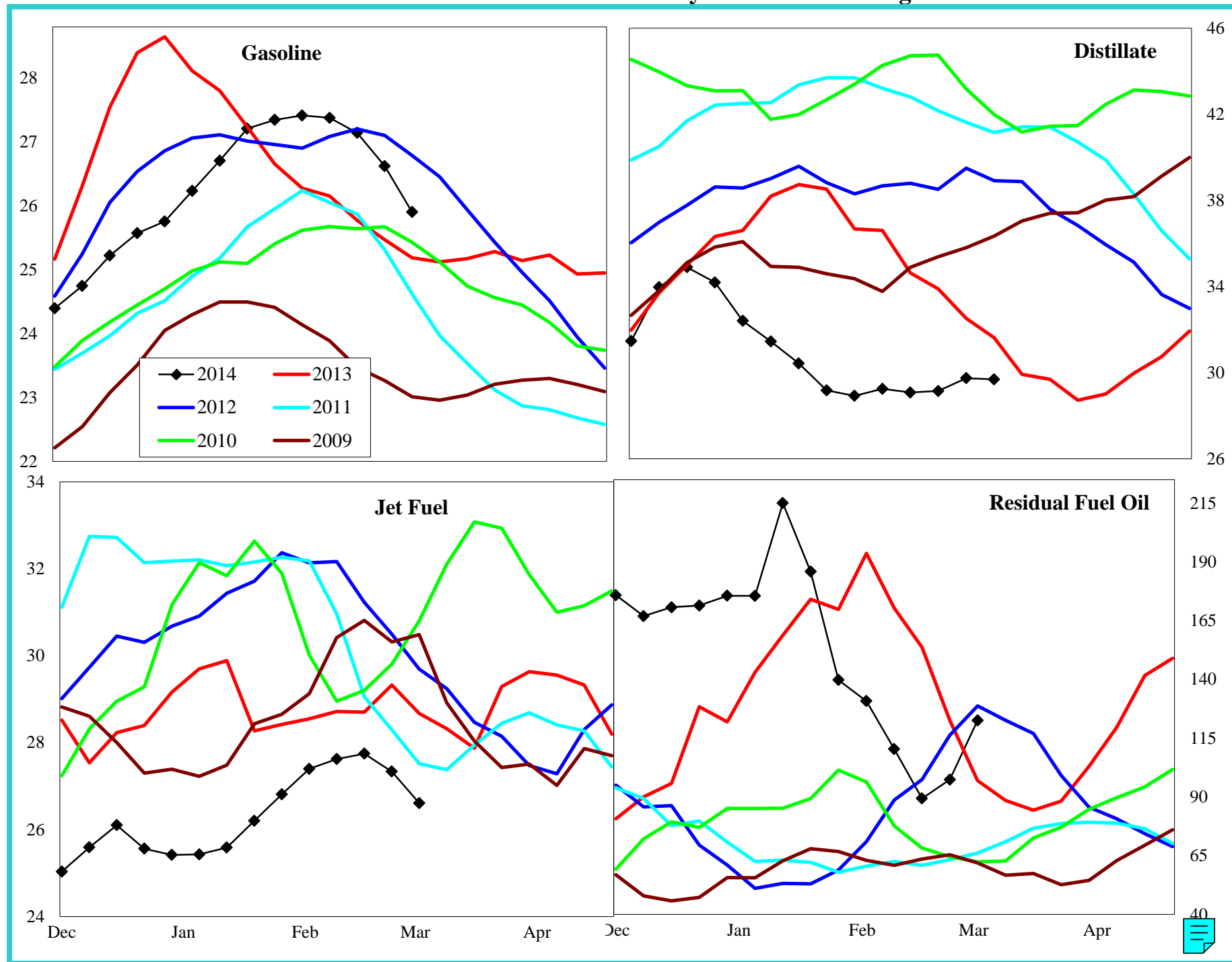
Jet fuel supply increased +5,000 bpd on the week, with production above the historic range. Stocks increased +0.2 million barrels to near record highs.

United States Wholesale Petroleum Demand

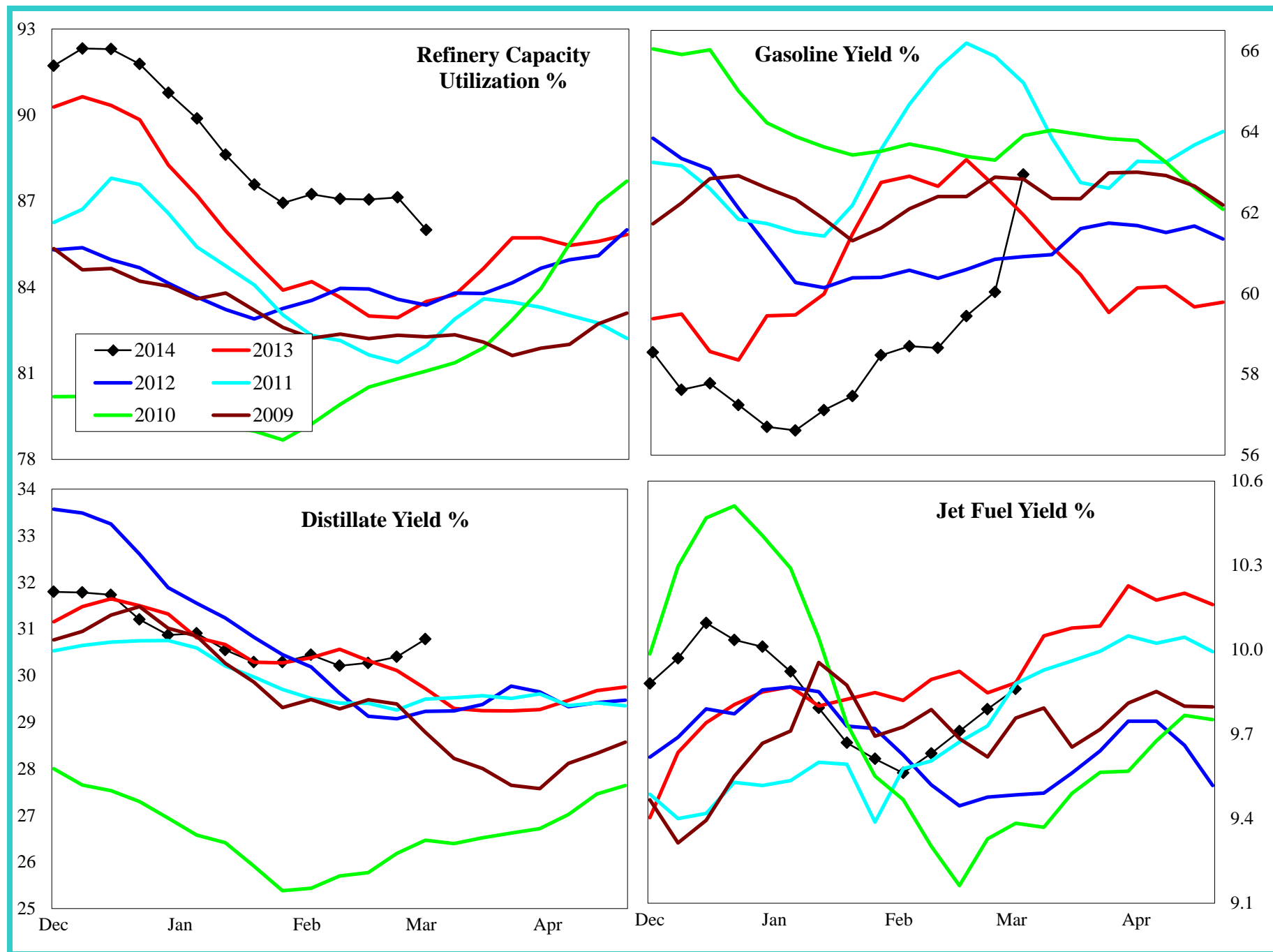


	000 bpd change from prior year				% change from prior year			
	4wk avg	Feb	Jan	Dec	4wk avg	Feb	Jan	Dec
Gasoline	-25	-87	61	297	-0.3	-1.0	0.7	3.5
Distillate	-8	-360	-63	422	-0.2	-9.1	-1.6	12.0
Jet Fuel	46	-10	140	66	3.5	-0.8	10.8	4.8
Resid	-49	-55	-52	28	-16.6	-18.1	-14.9	14.7

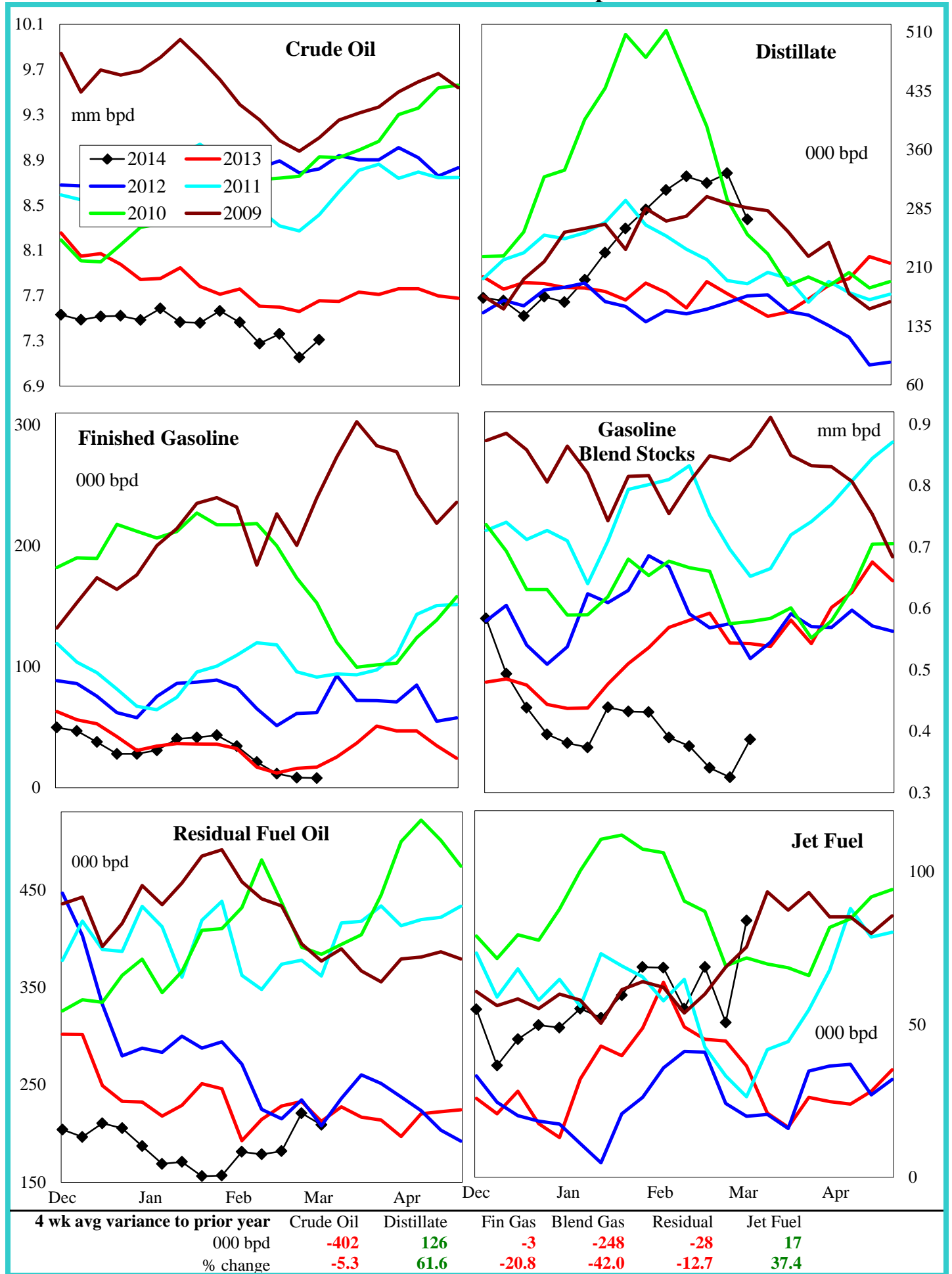


United States Product Stocks: Days Forward Coverage

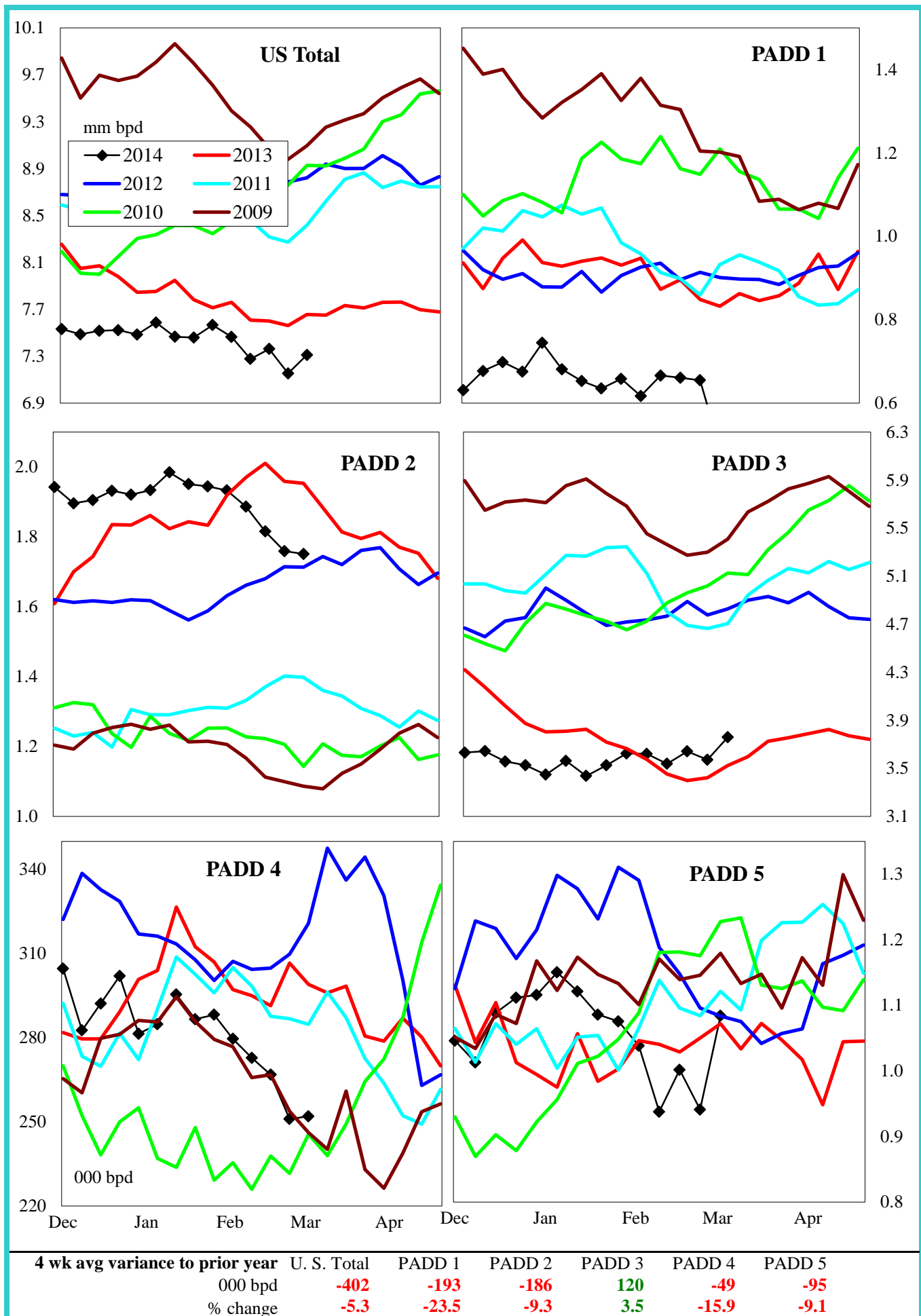
United States Refinery Percent Utilization Rate and Product Yields



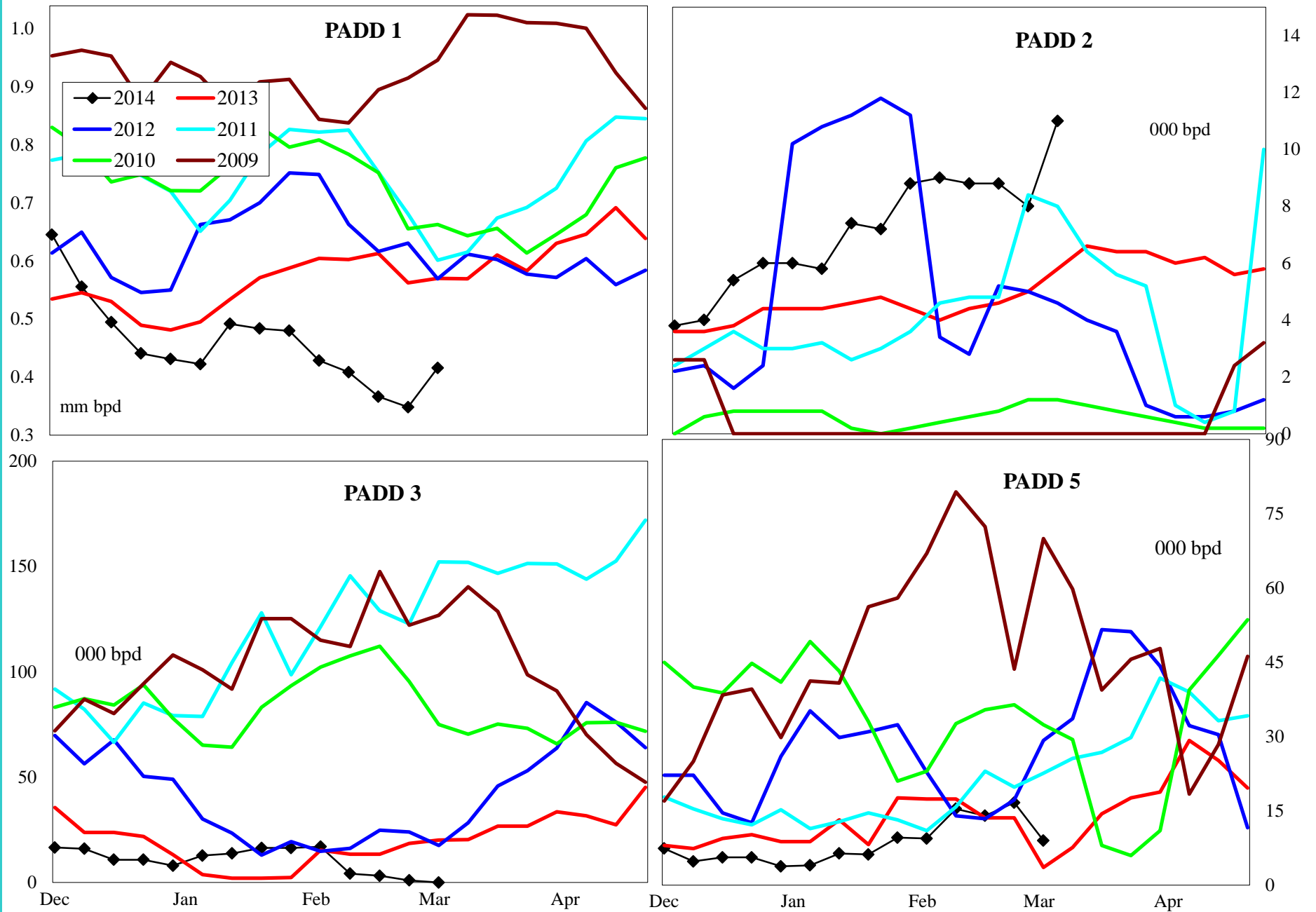
United States Petroleum Imports



Crude Oil Imports by PADD

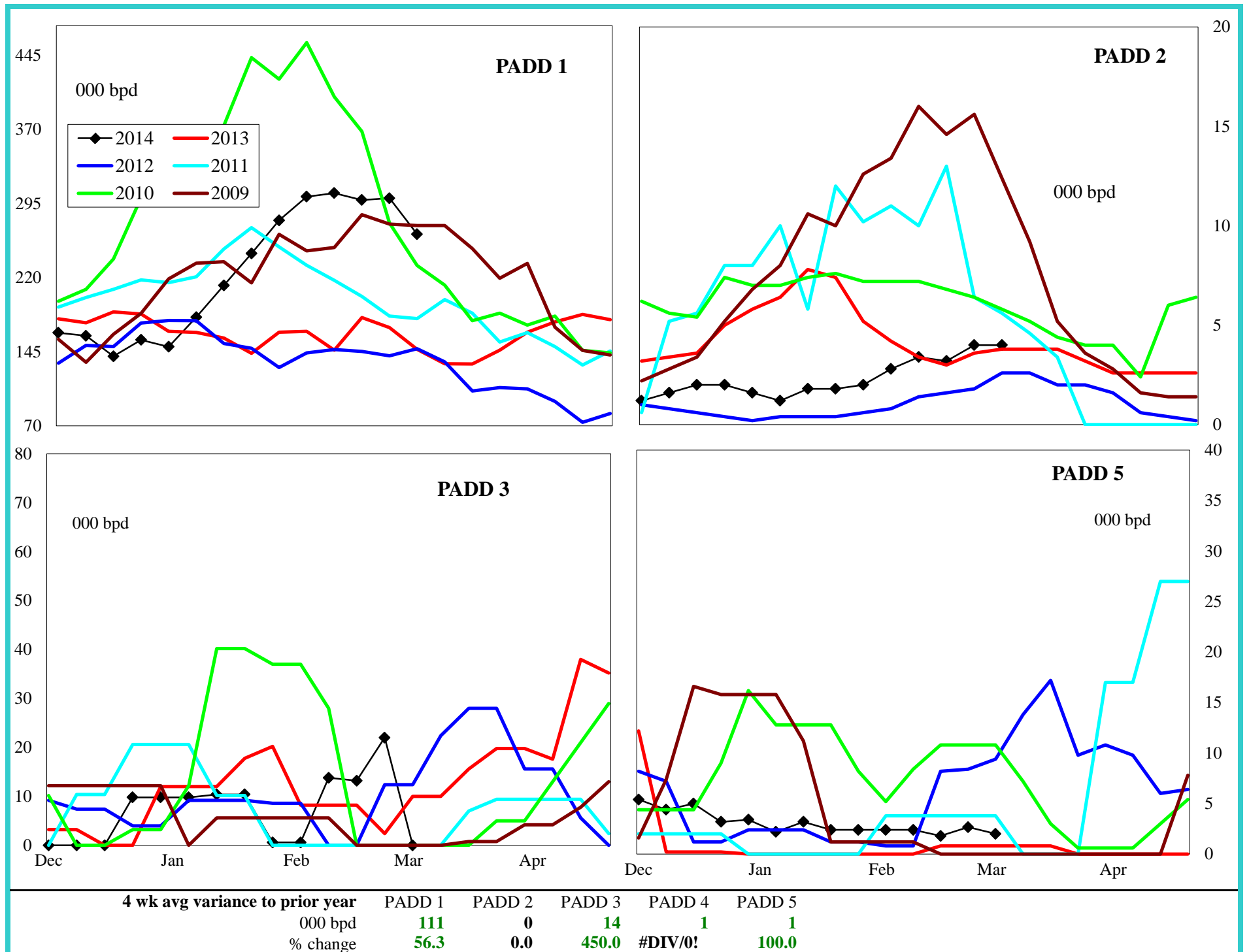


Gasoline Imports by PADD (Finished + Blend Stocks)

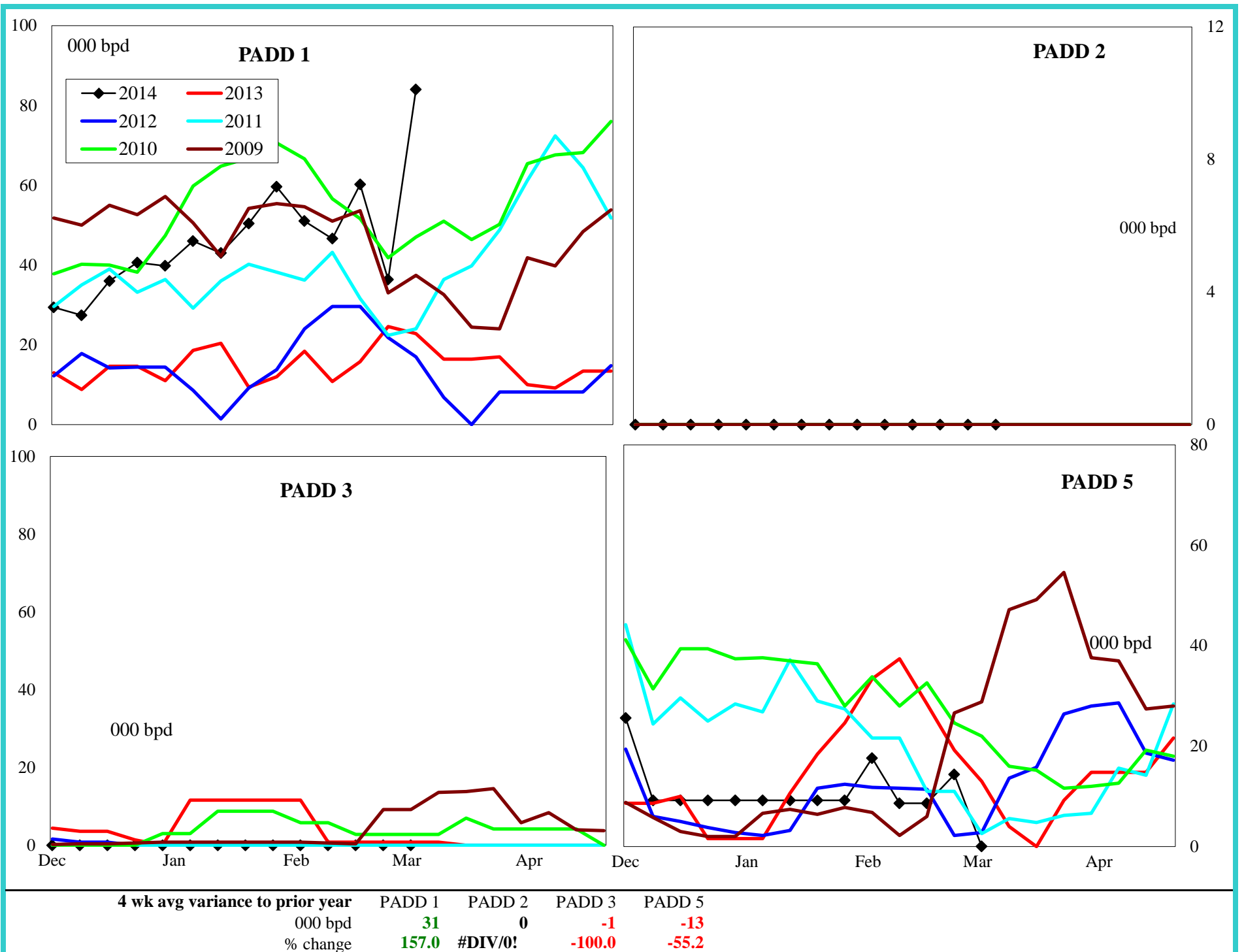


4 wk avg variance to prior year	PADD 1	PADD 2	PADD 3	PADD 5
000 bpd	-239	5	-16	0
% change	-42.2	105.6	-95.5	-1.5

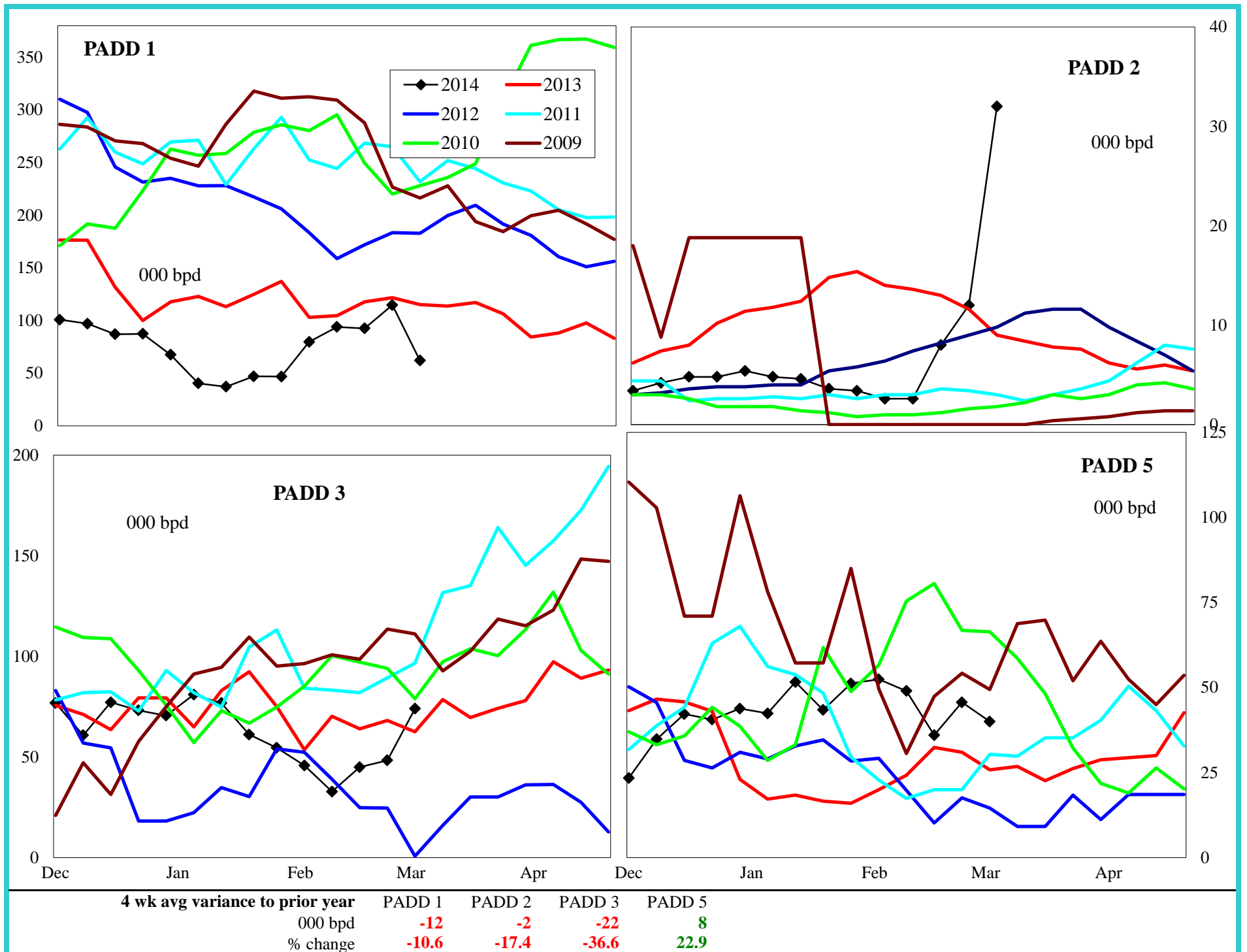
Distillate Imports by PADD



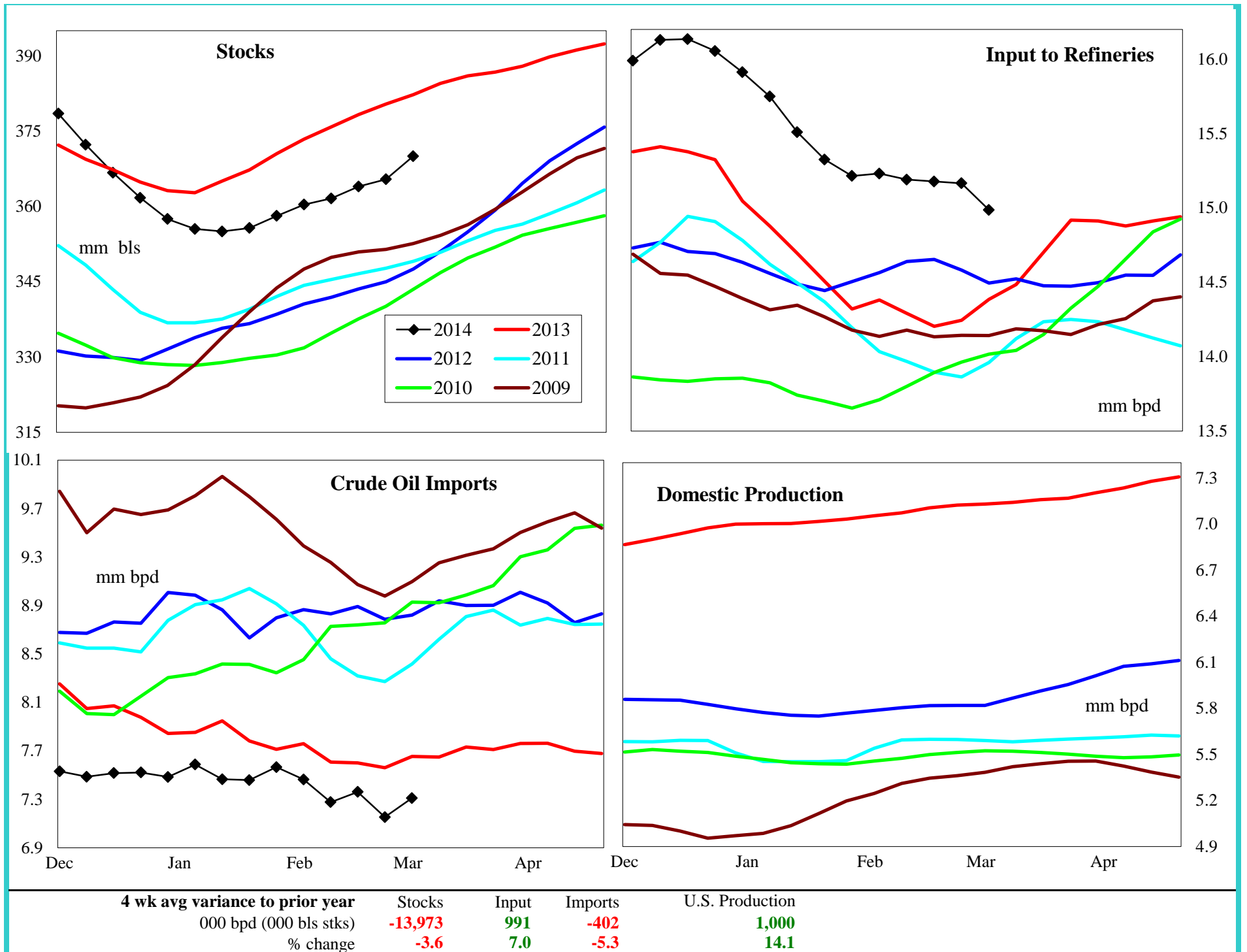
Jet Fuel Imports by PADD



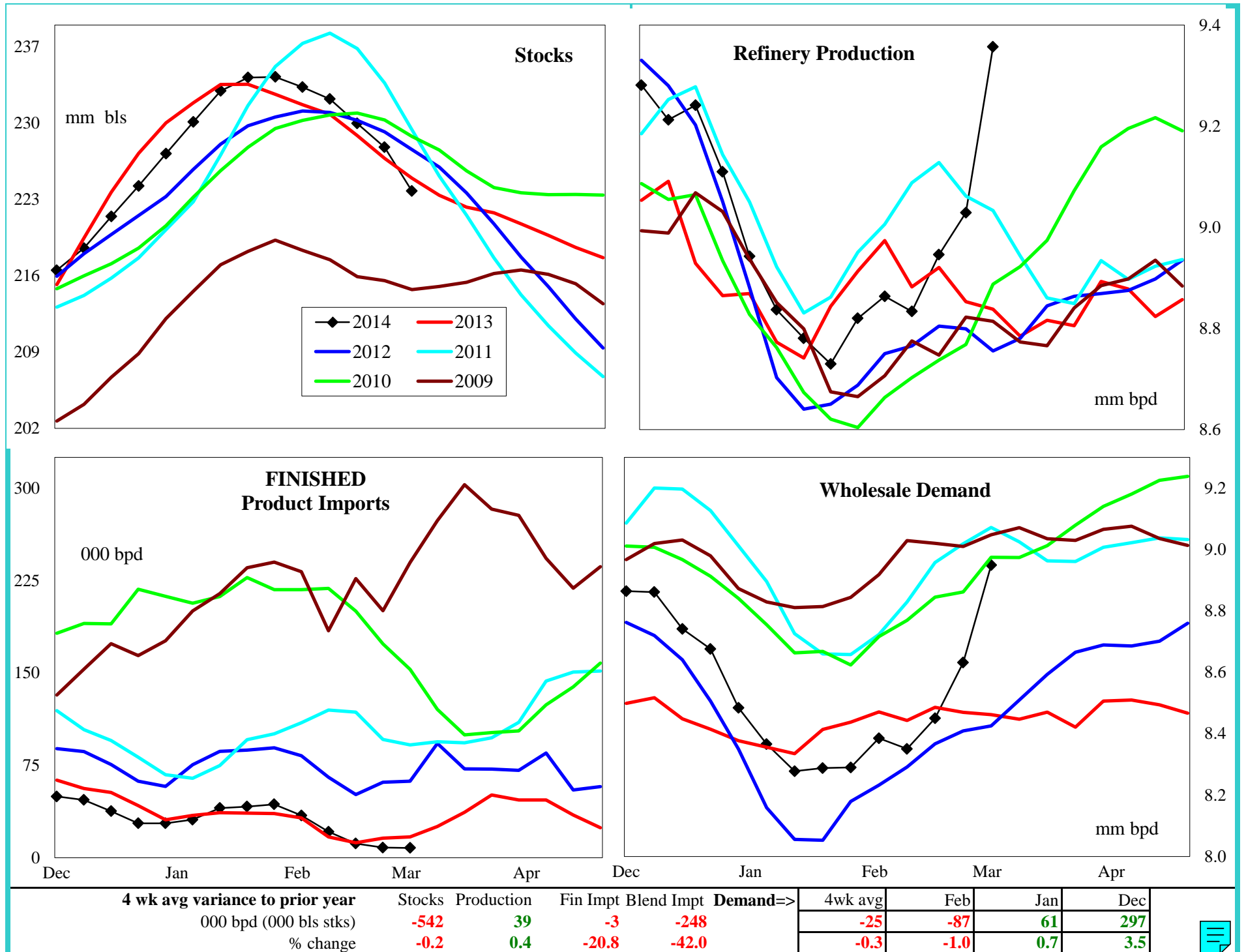
Residual Fuel Oil Imports by PADD



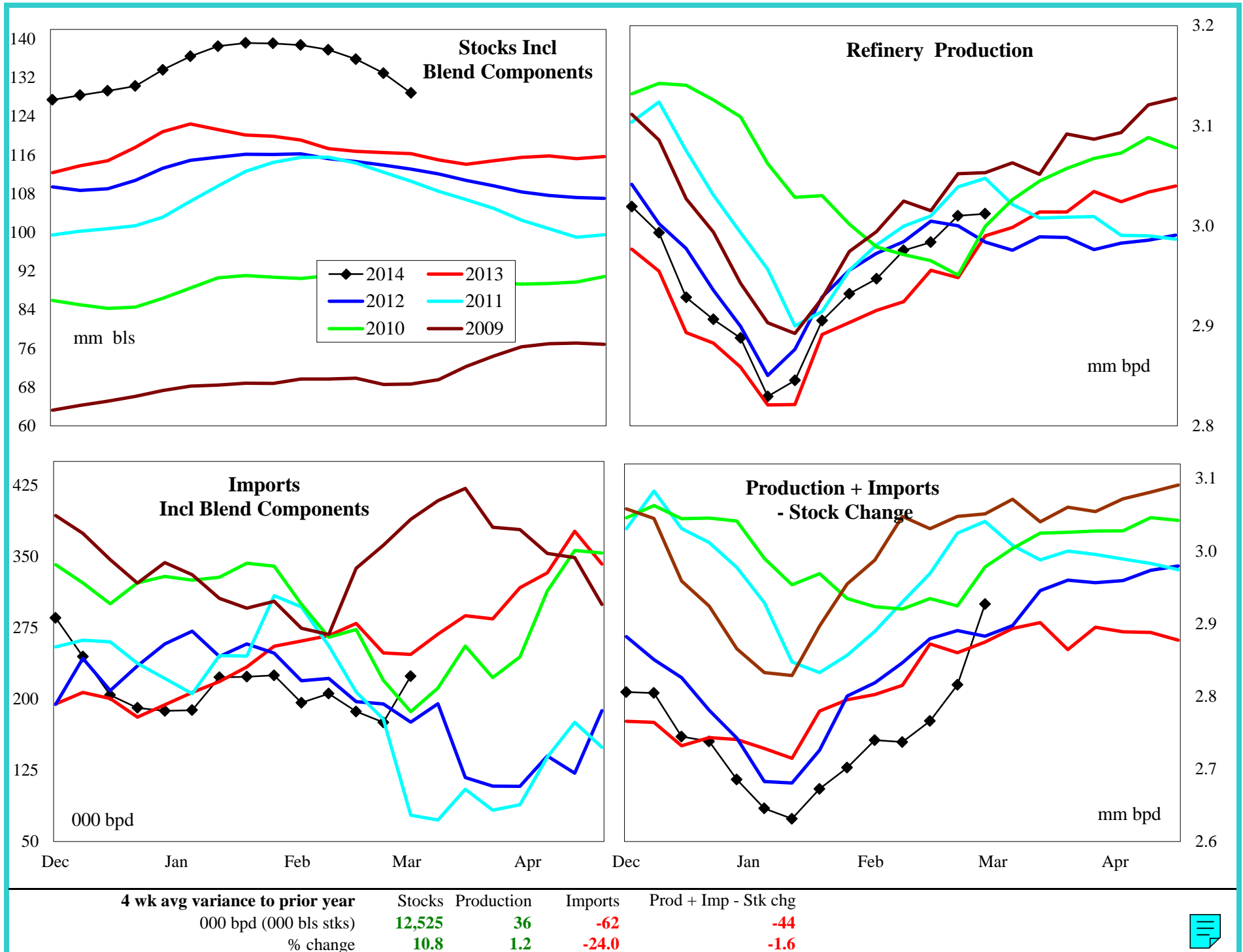
United States Crude Oil Supply and Demand Balance



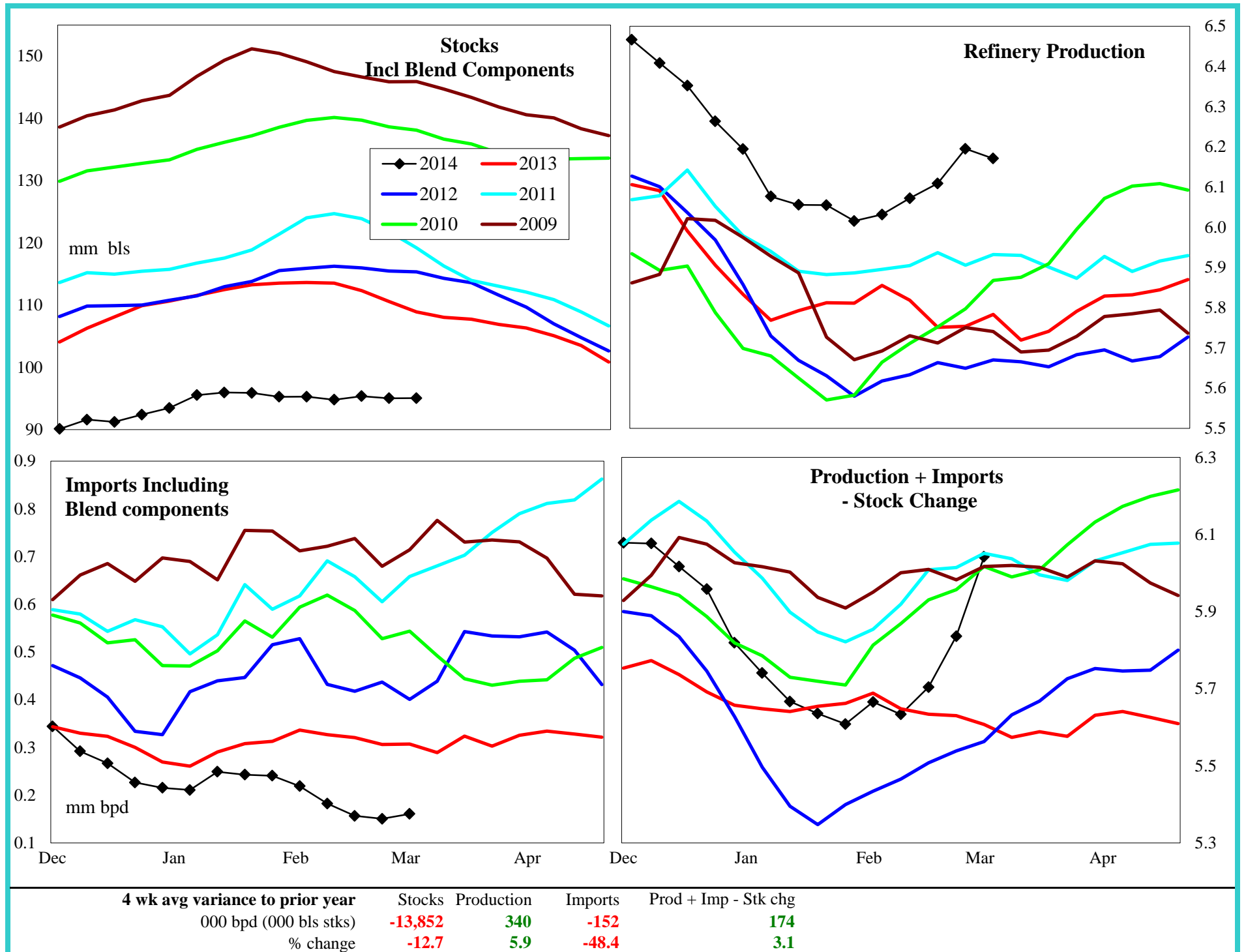
United States Gasoline Supply and Demand Balance



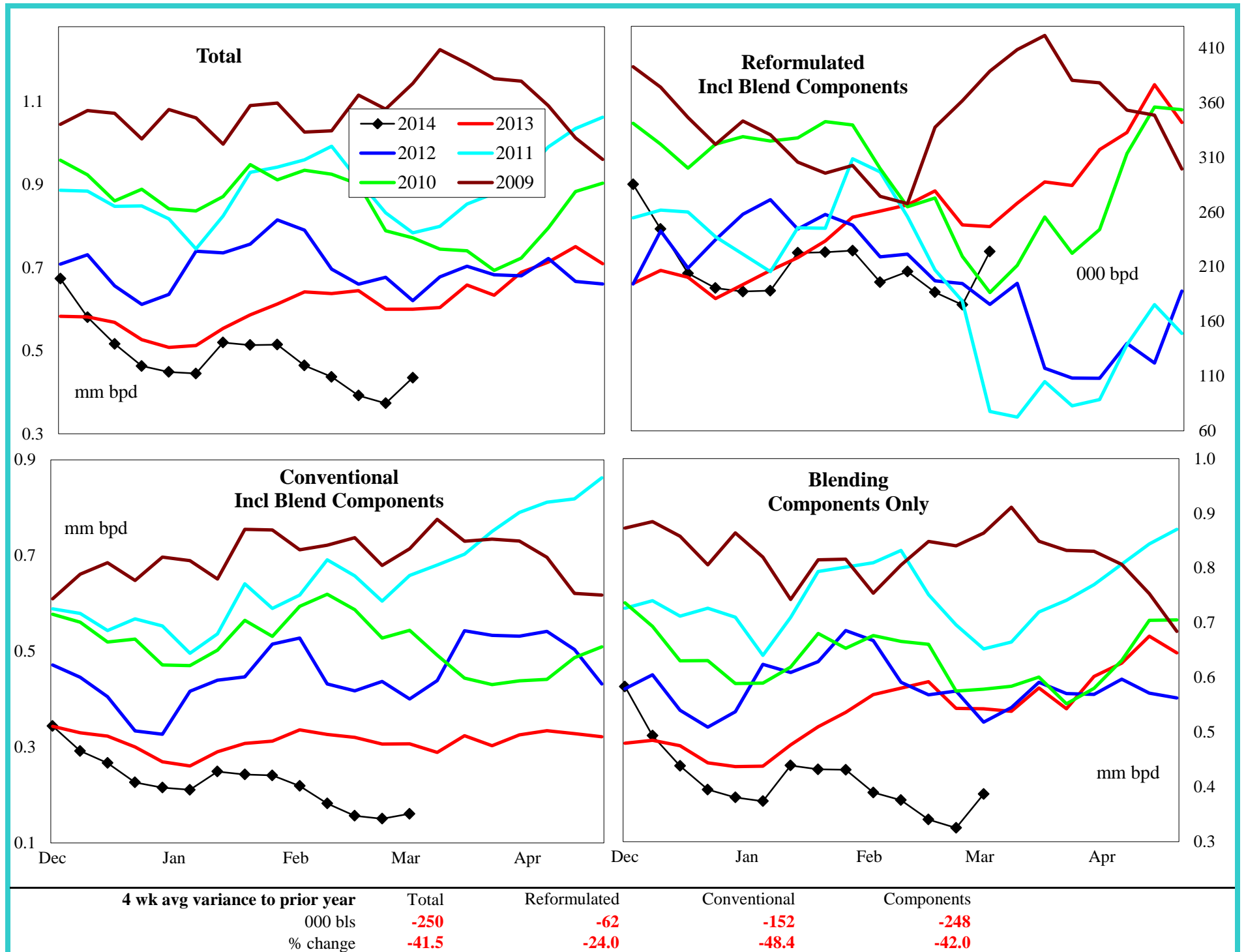
United States Reformulated Gasoline Supply



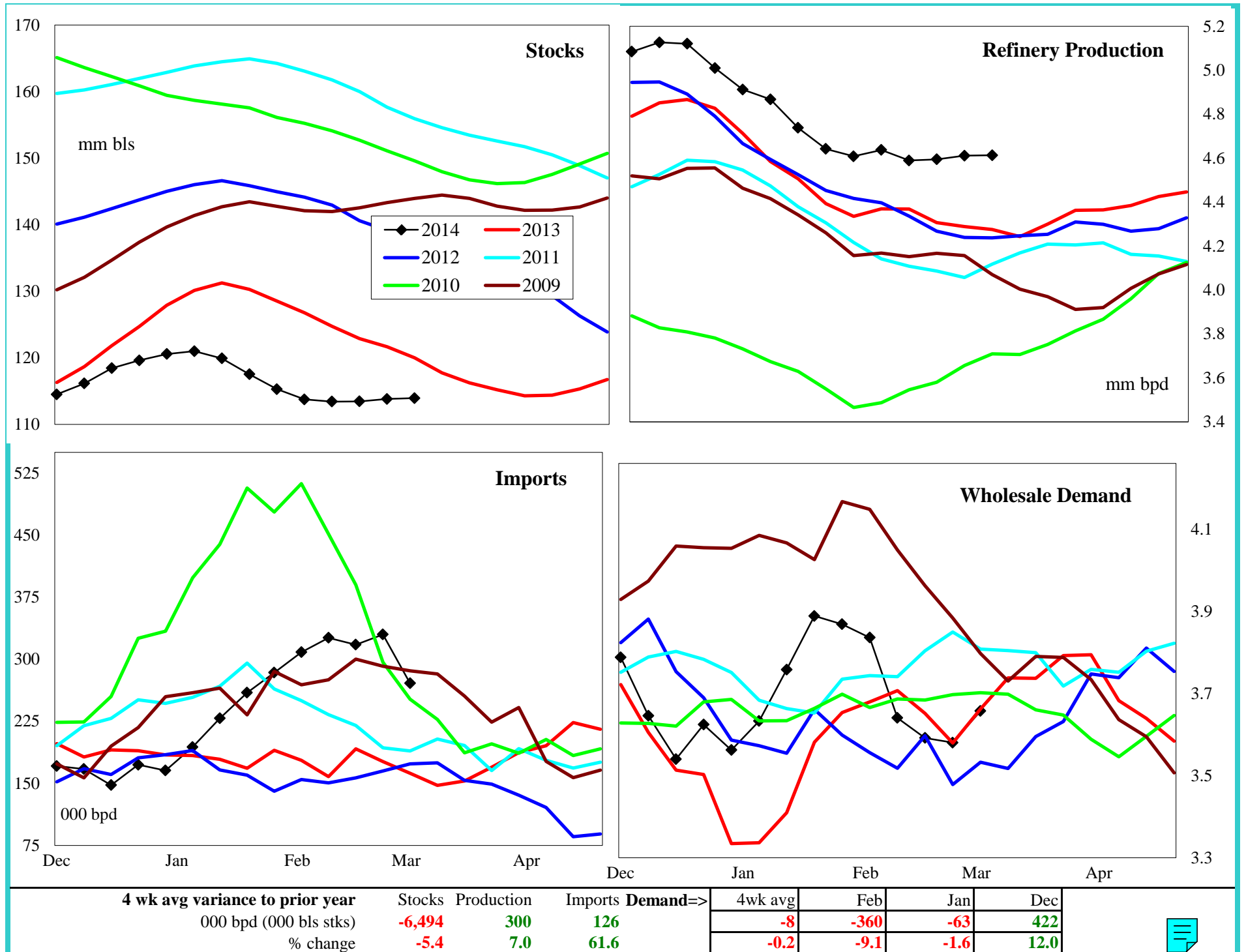
United States Conventional Gasoline Supply



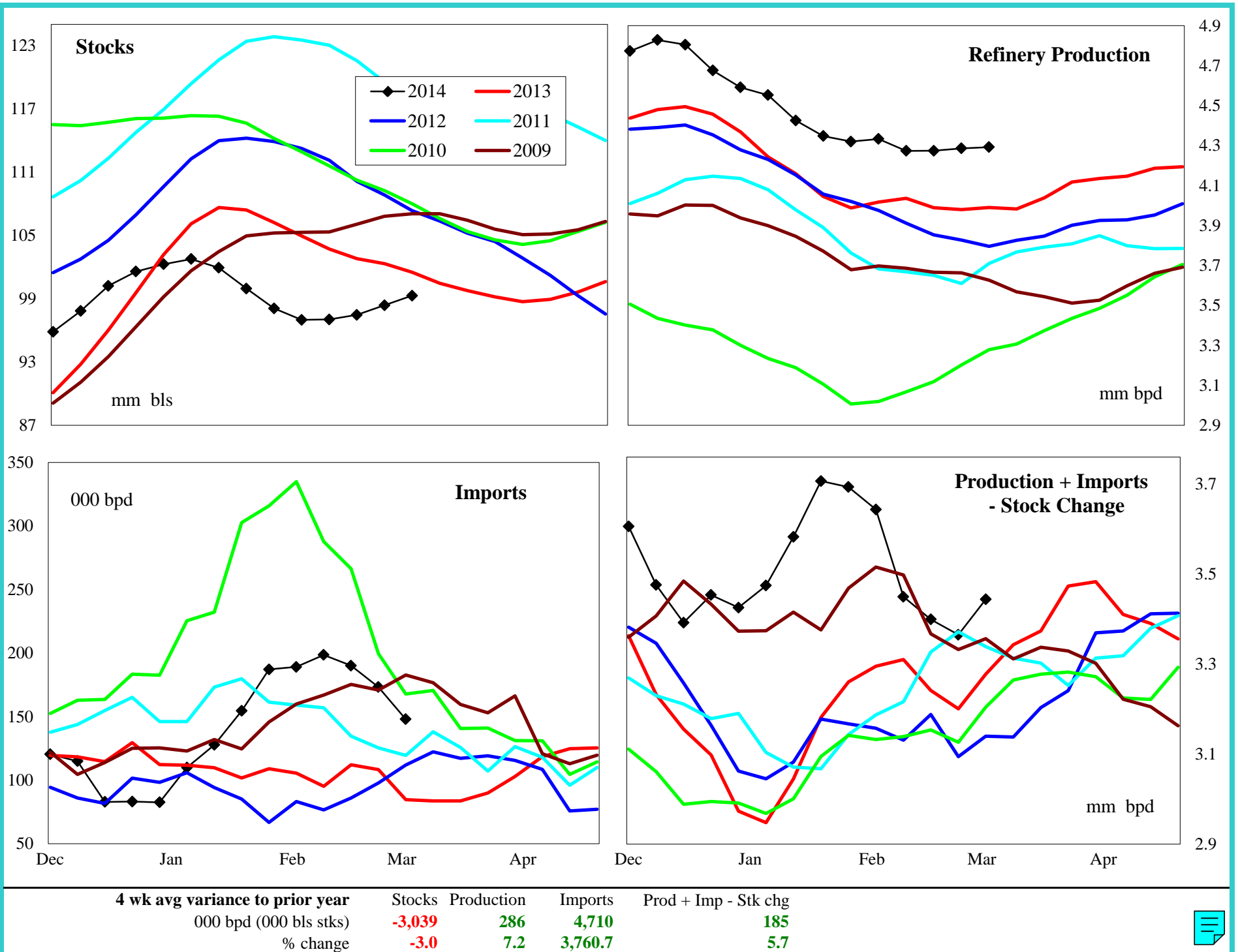
United States Gasoline Imports by Type



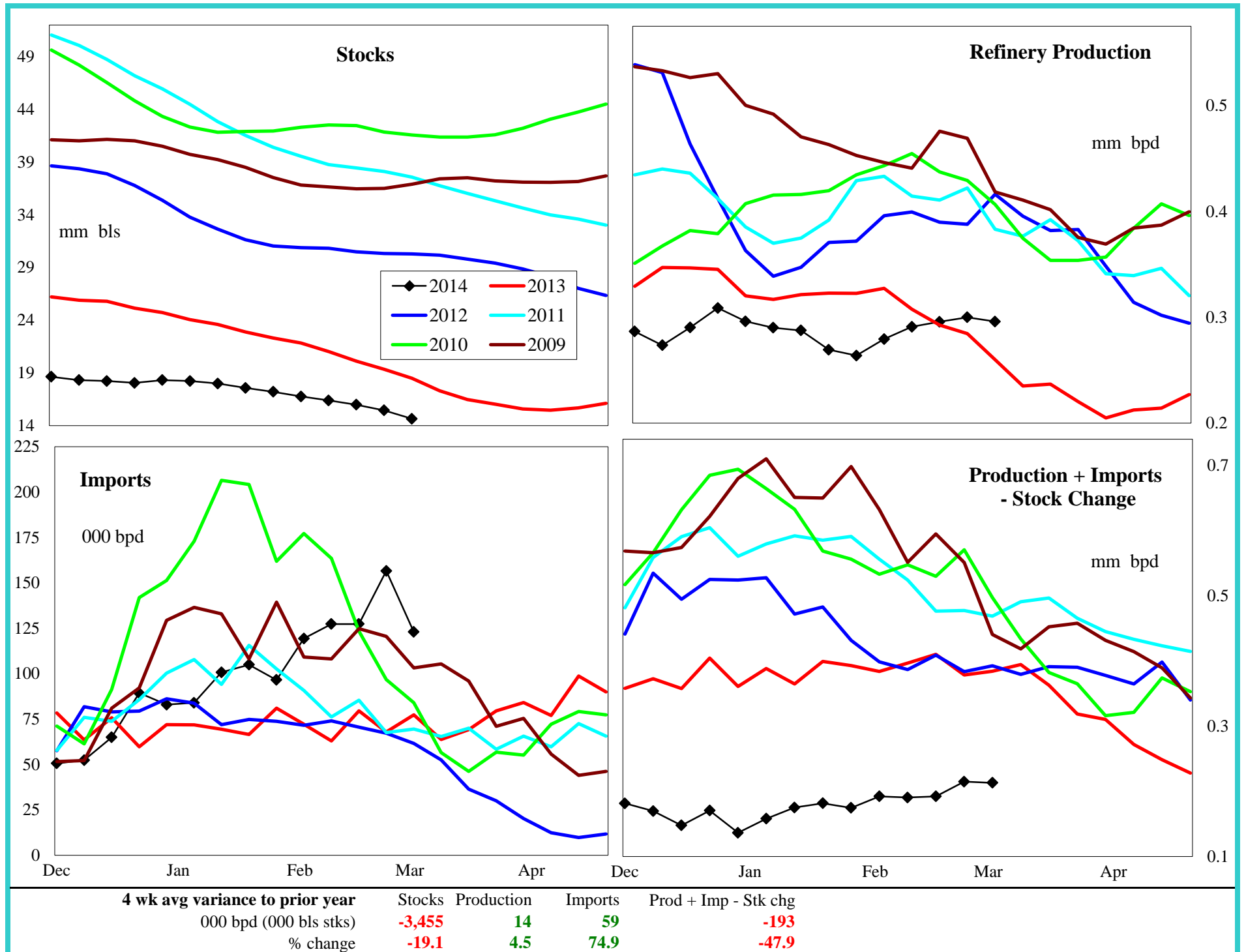
United States Distillate Supply and Demand Balance



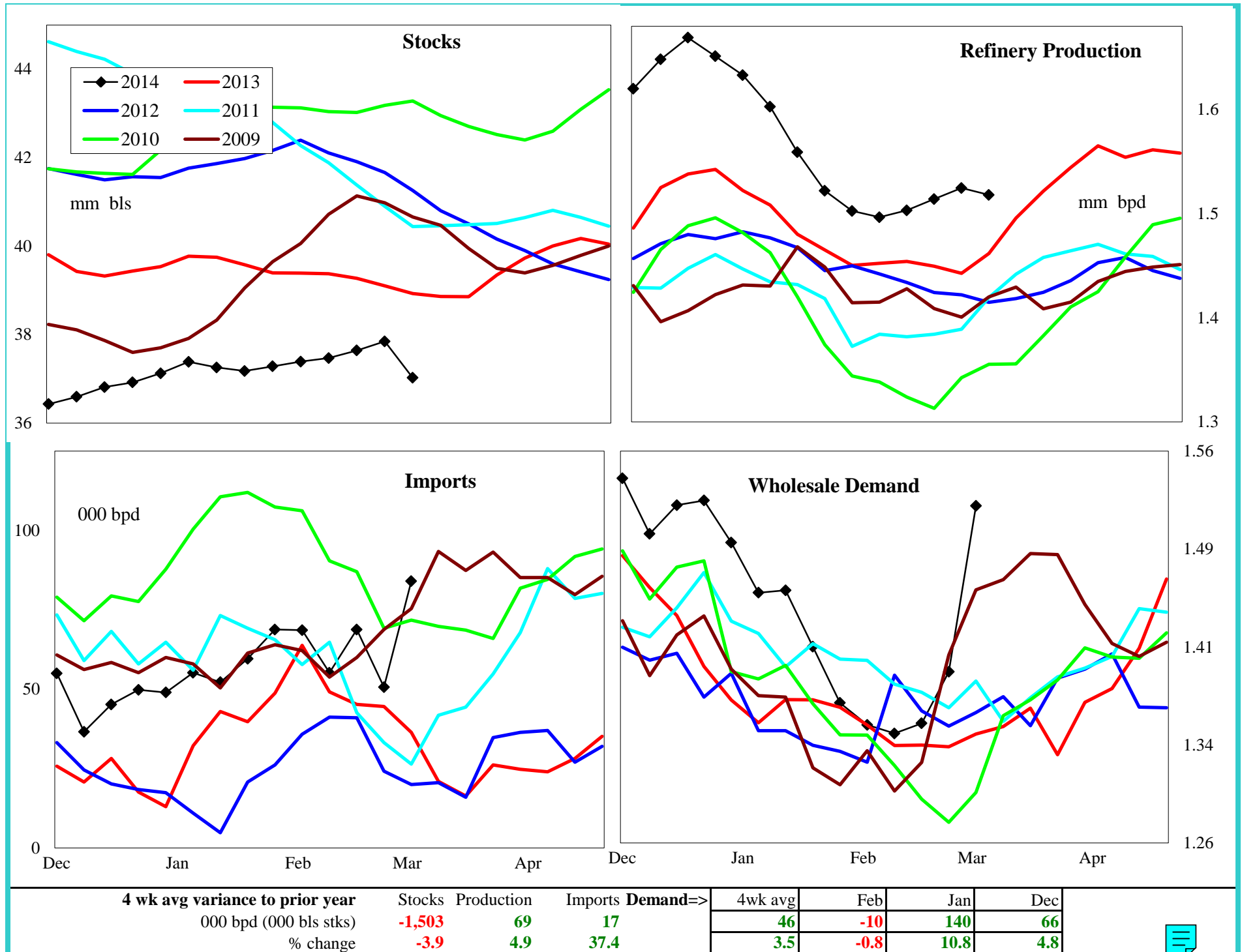
United States Low Sulfur Distillate Supply



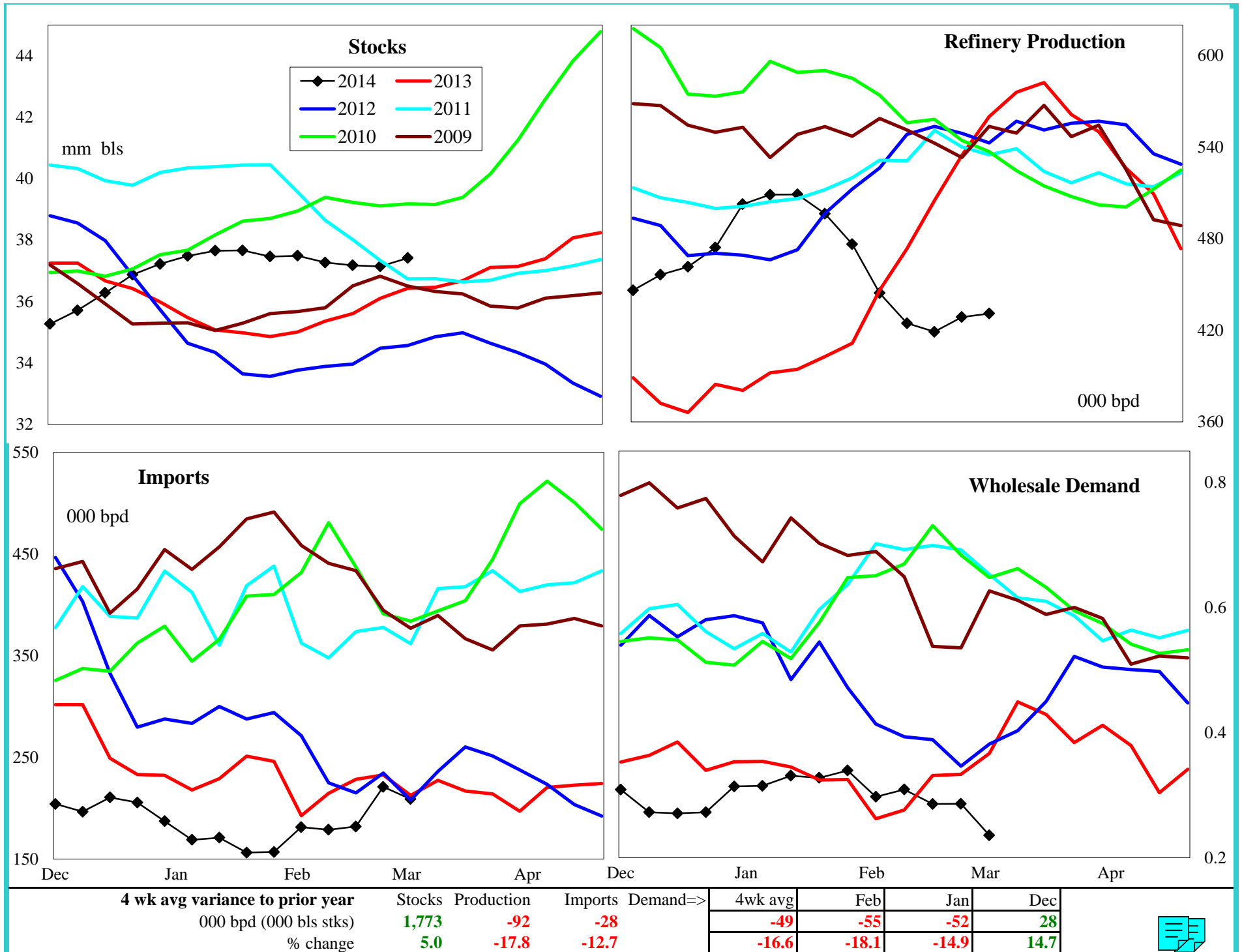
United States High Sulfur Distillate Supply



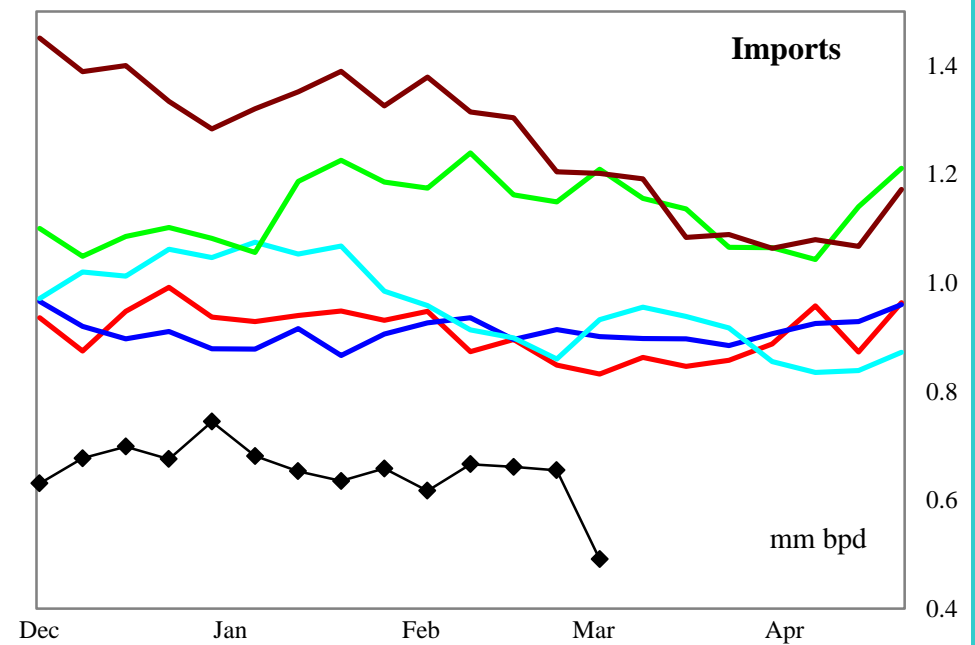
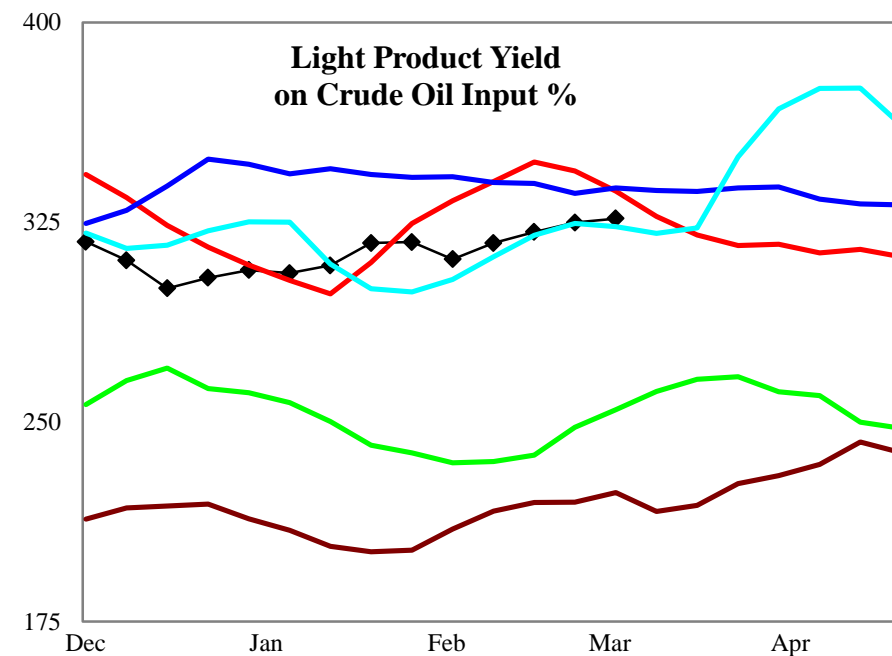
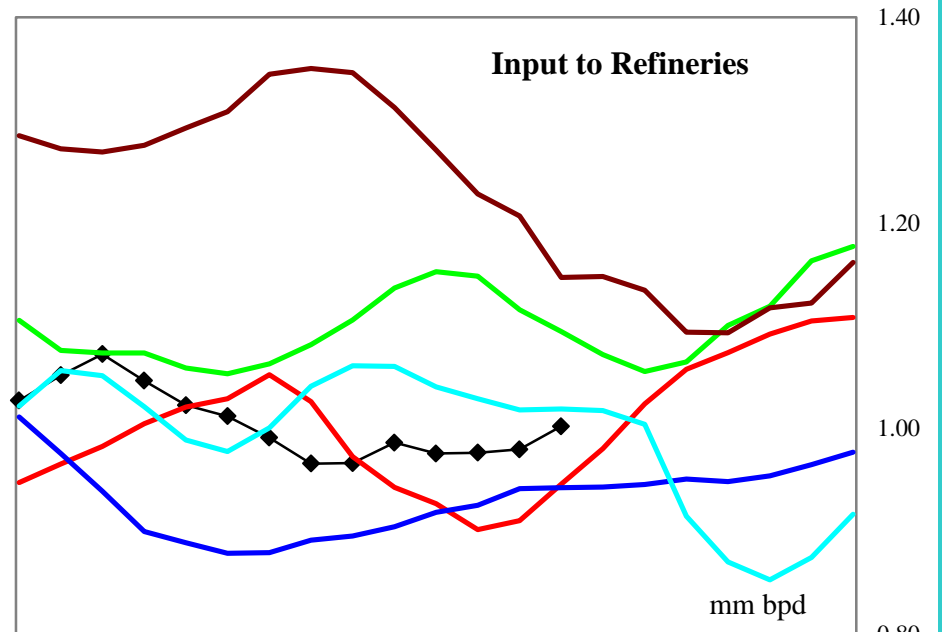
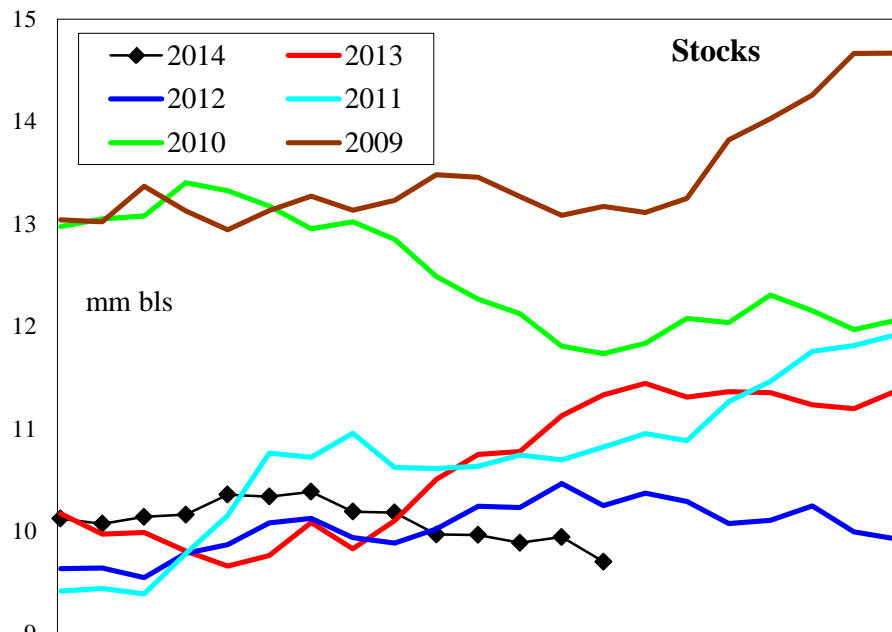
United States Jet Fuel Supply and Demand Balance



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 bbls stks)

% change

Stocks

-1,628

-13.9

Input

85

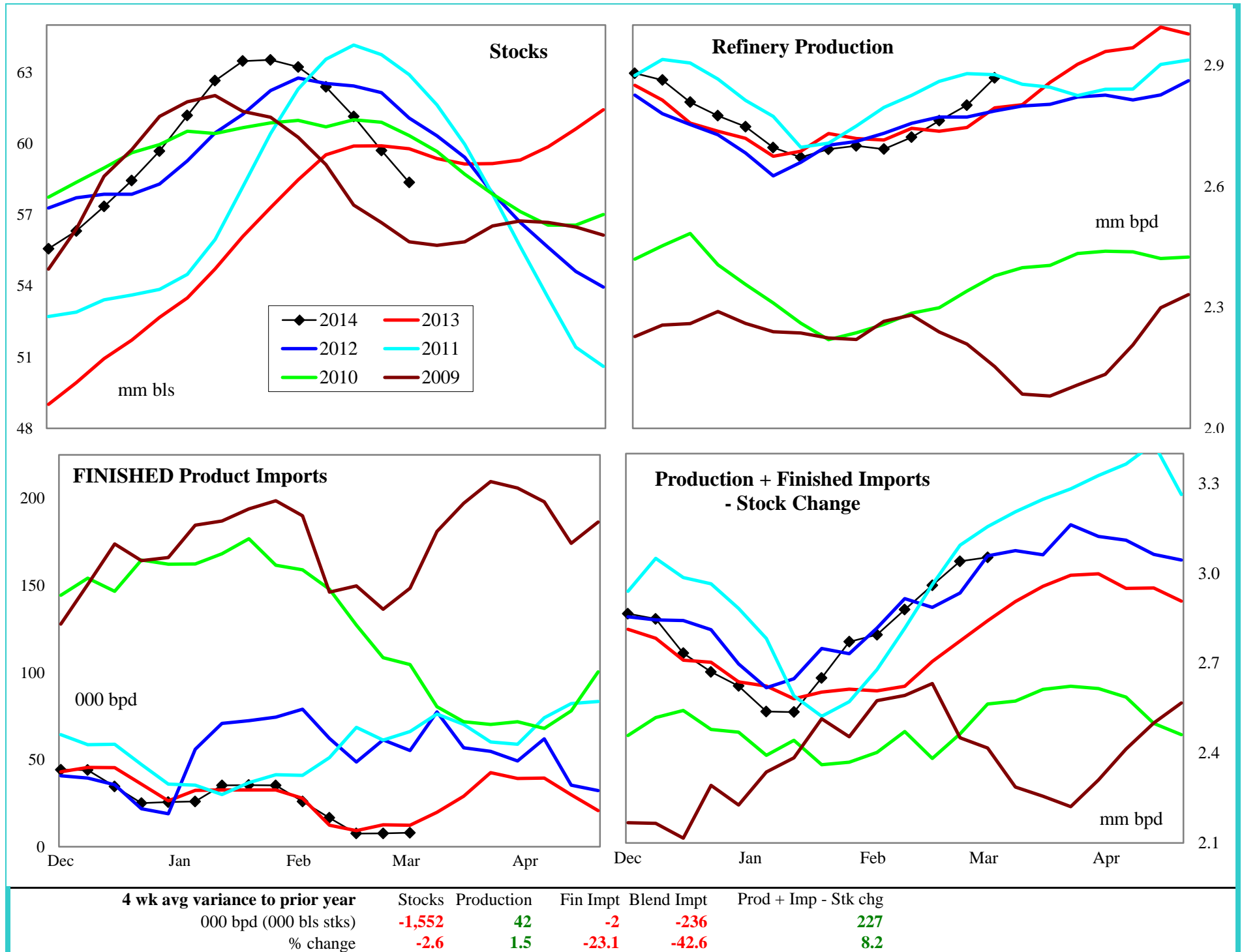
9.6

Imports

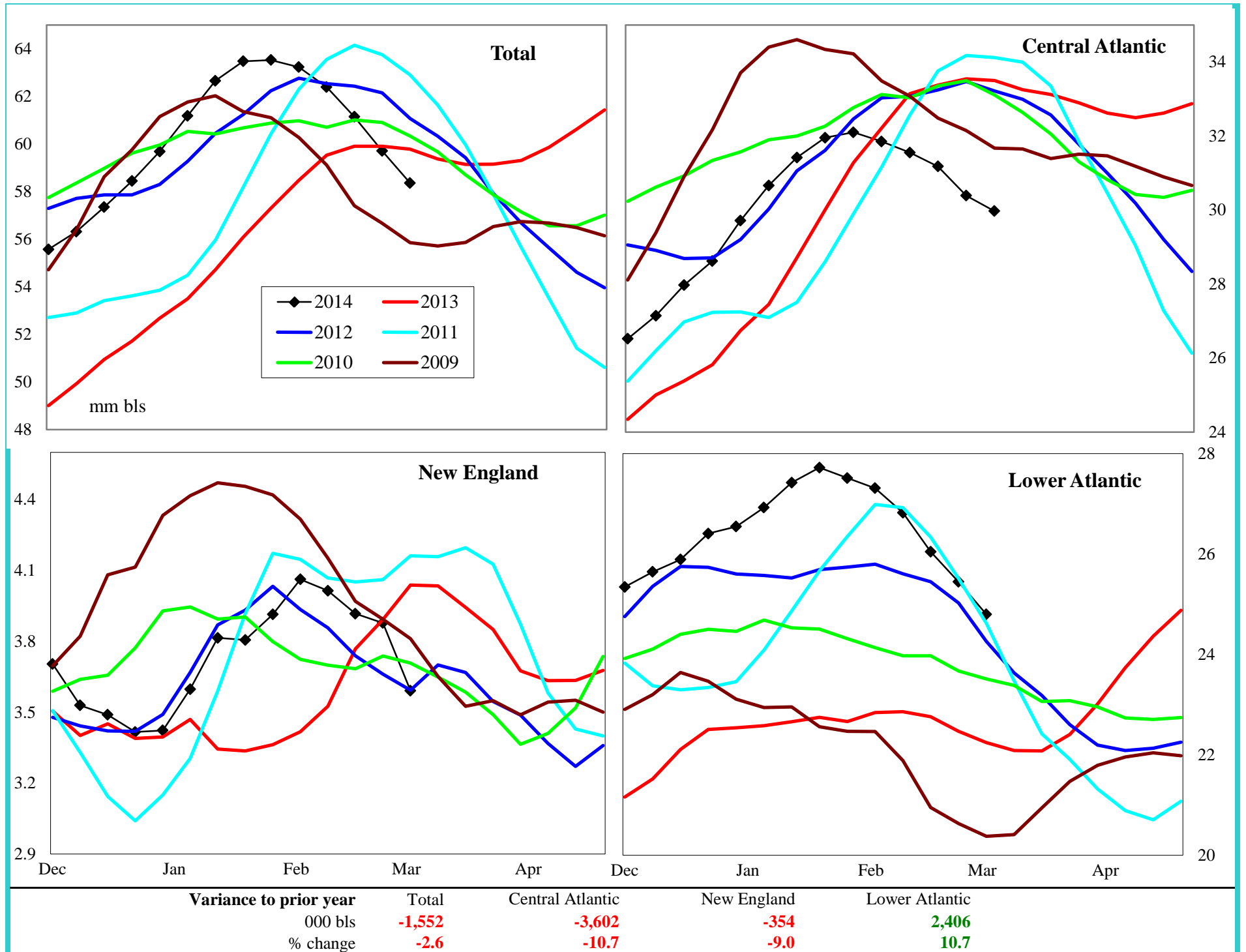
-193

-23.5

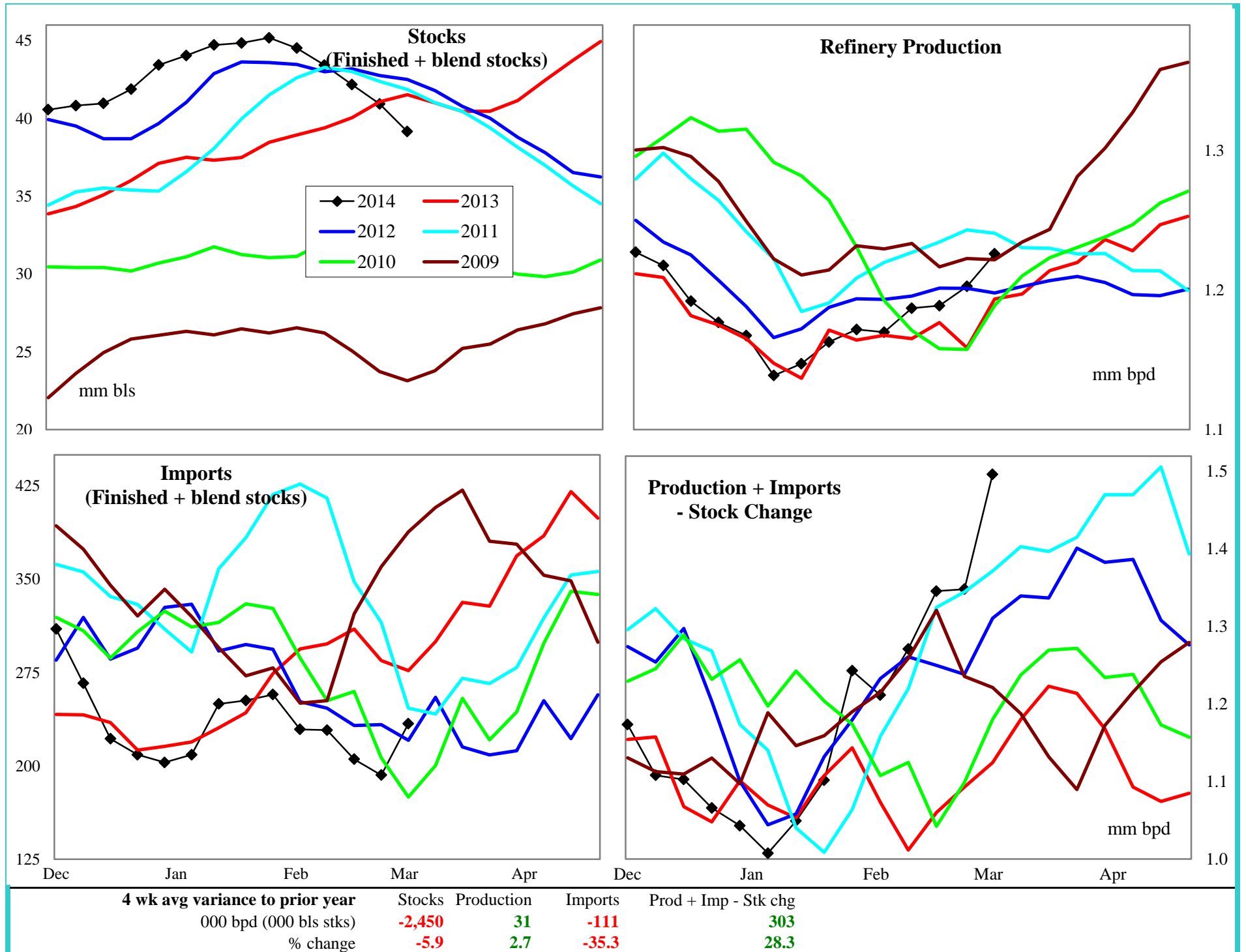
PADD 1 Gasoline Supply



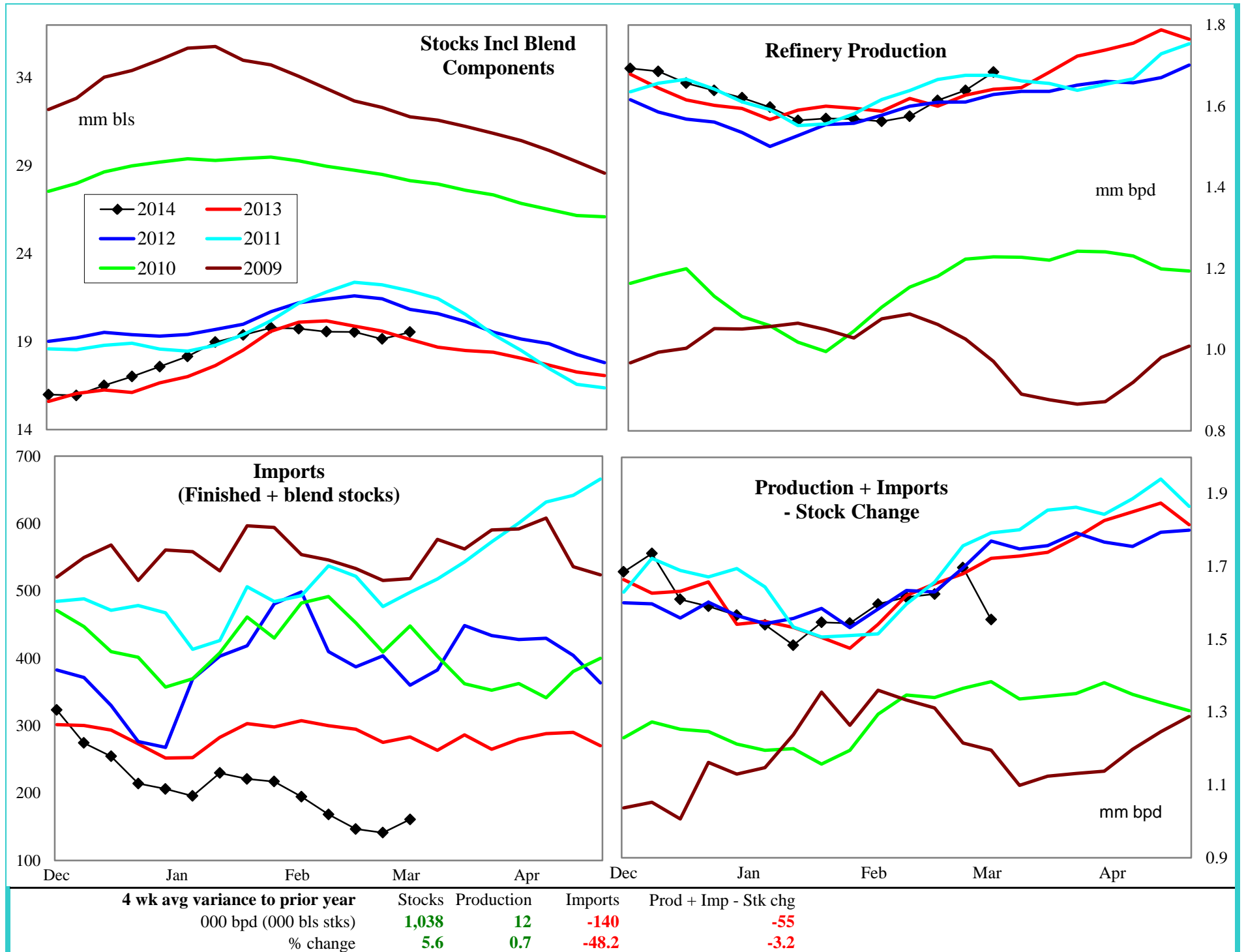
PADD 1 Gasoline Stocks by Region



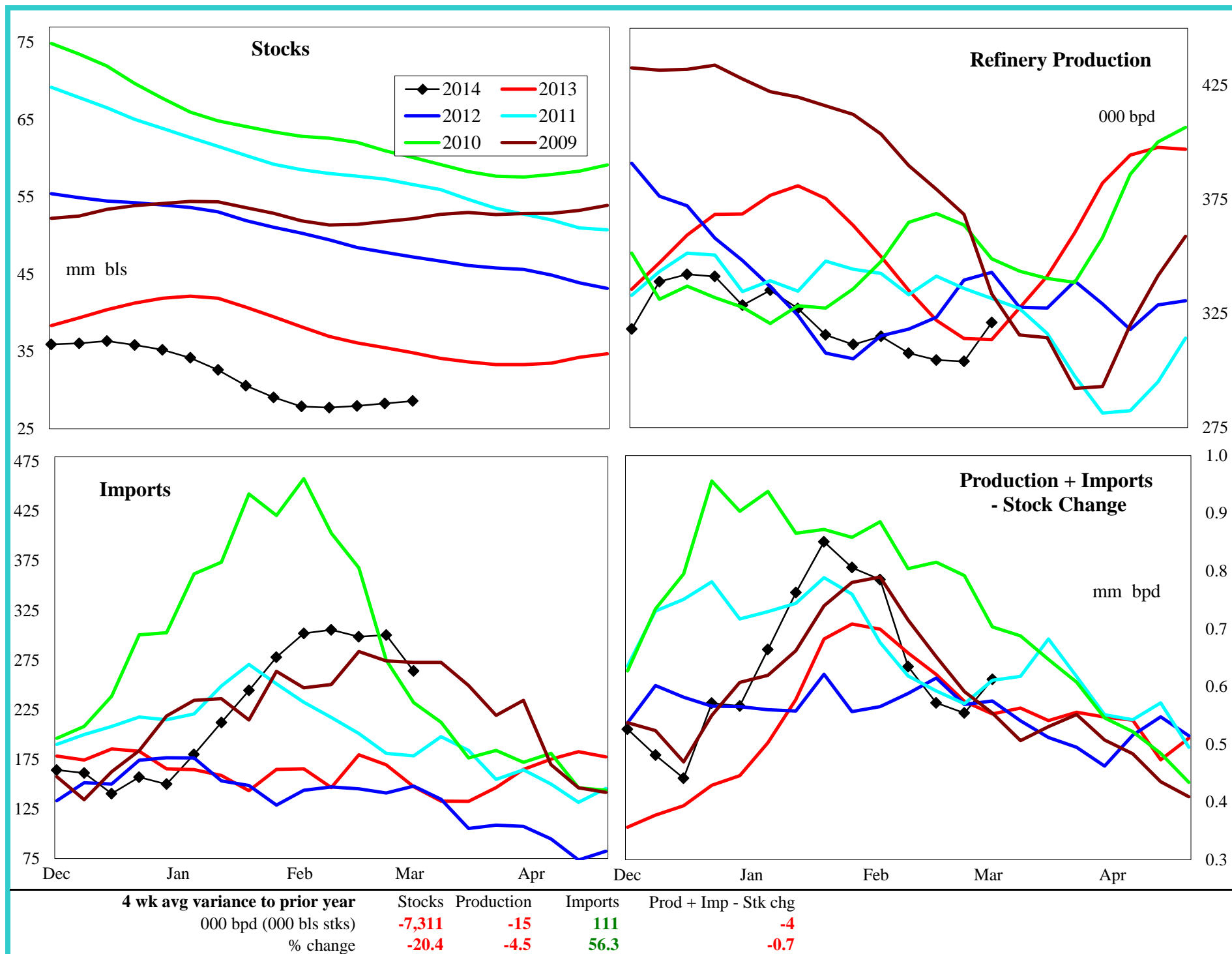
PADD 1 Reformulated Gasoline Supply



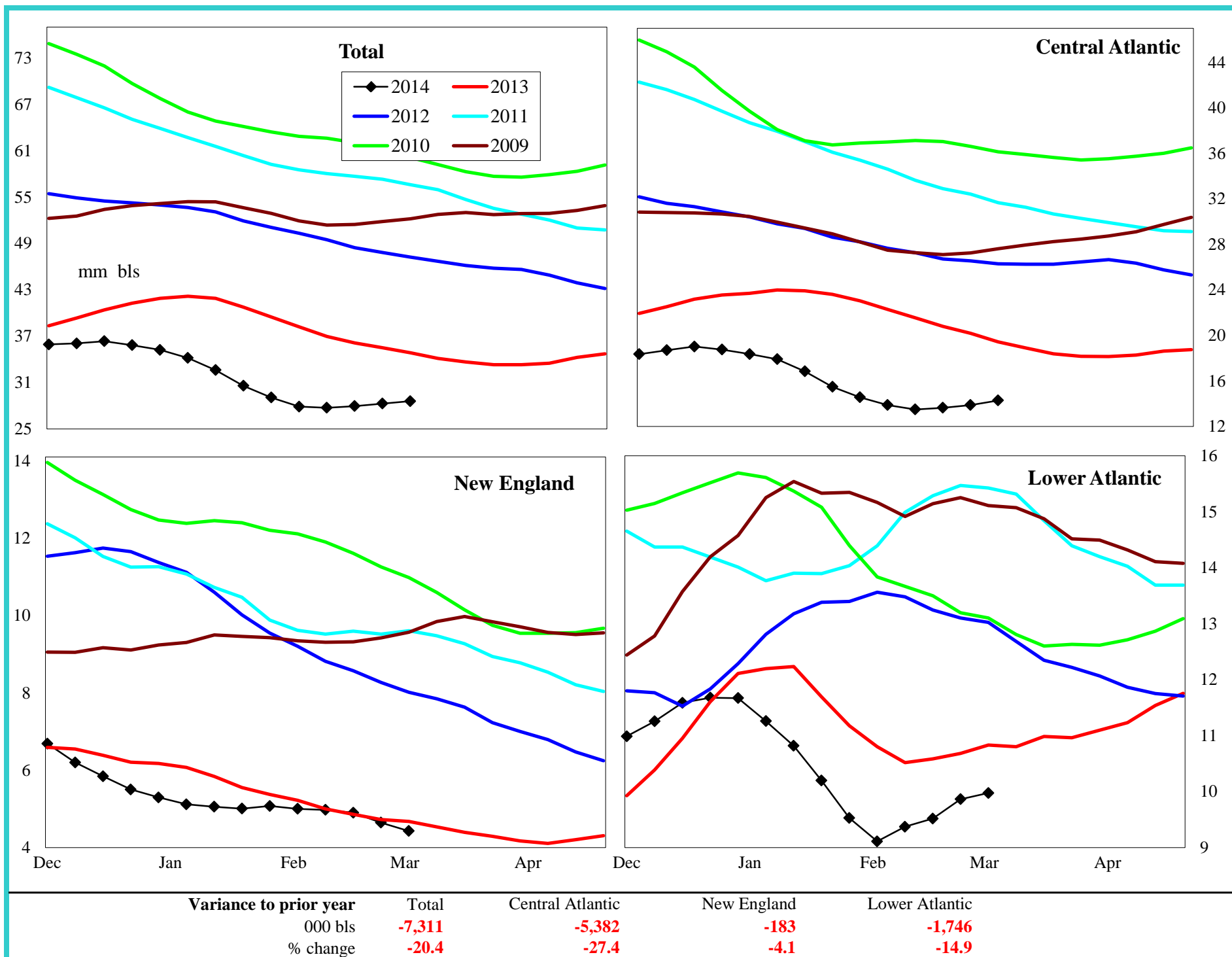
PADD 1 Conventional Gasoline Supply



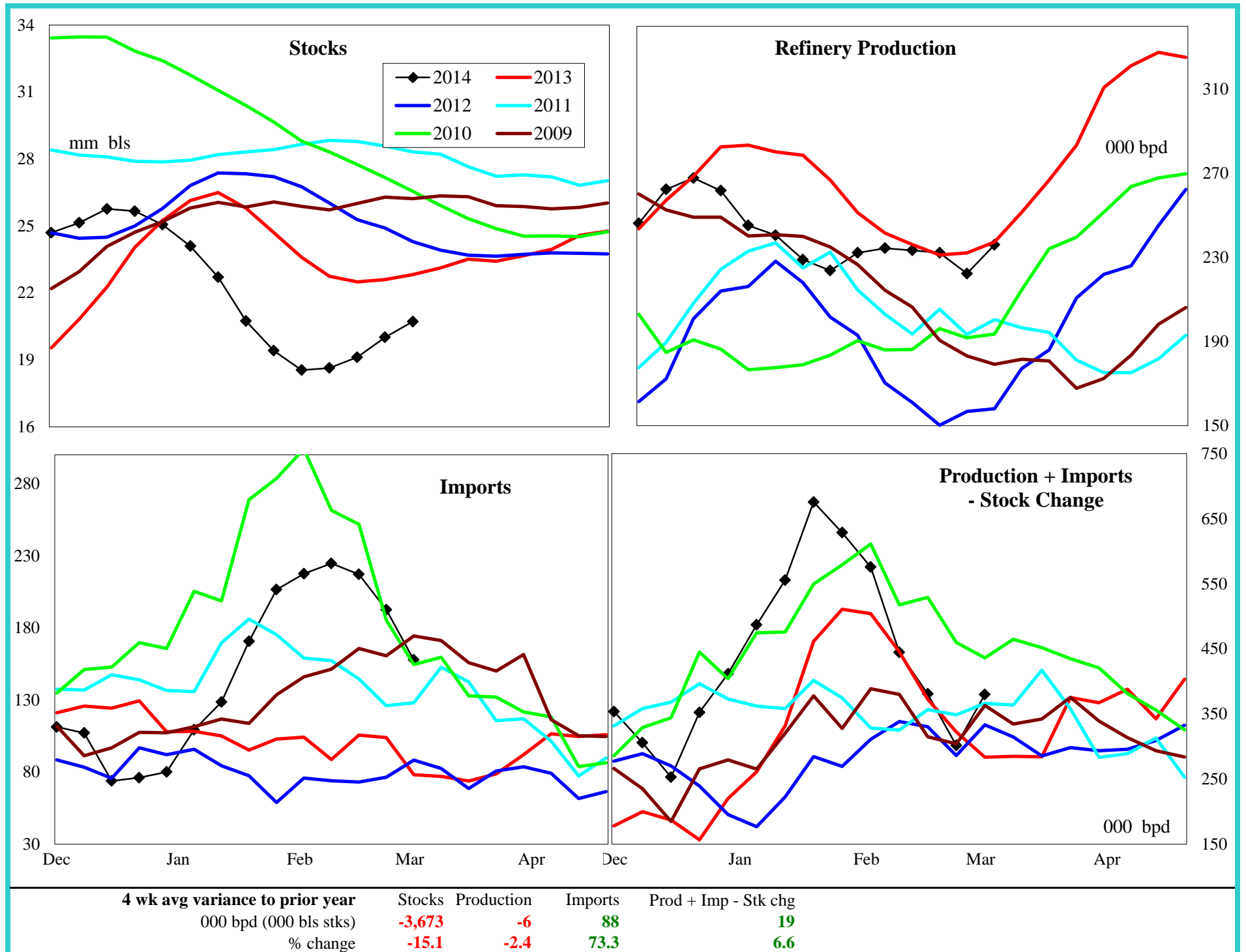
PADD 1 Distillate Supply



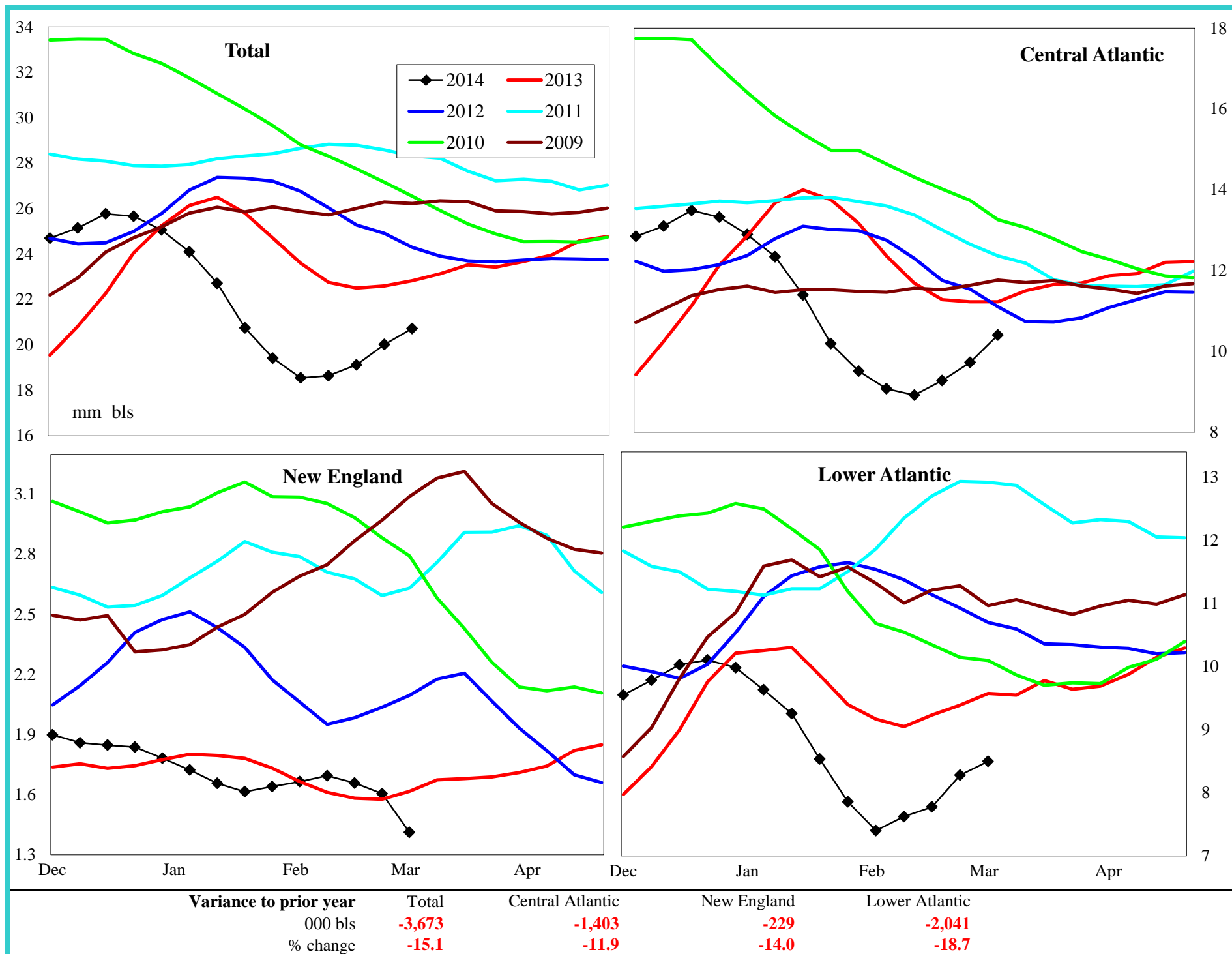
PADD 1 Distillate Stocks by Region



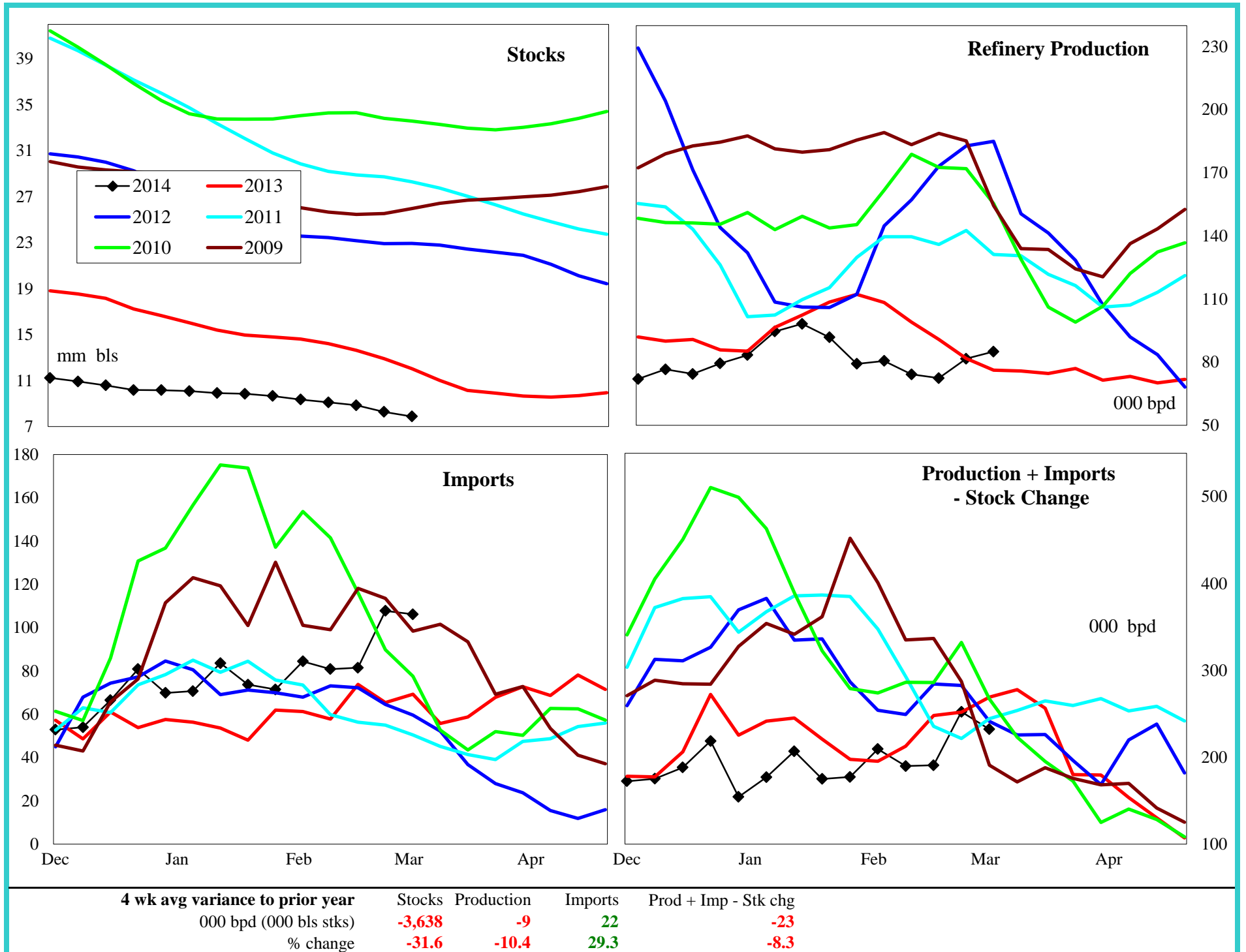
PADD 1 Low Sulfur Distillate Supply



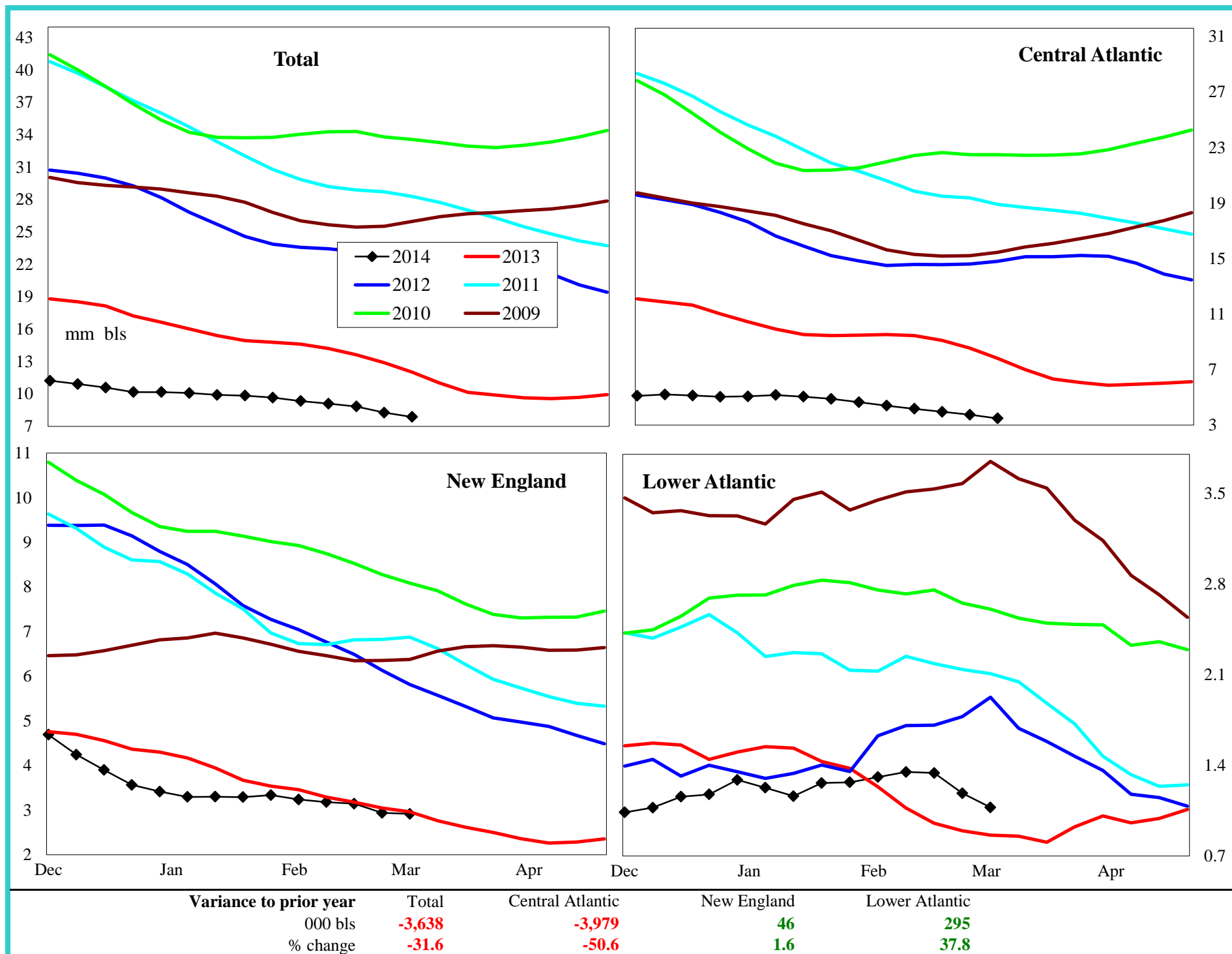
PADD 1 Low Sulfur Distillate Stocks by Region



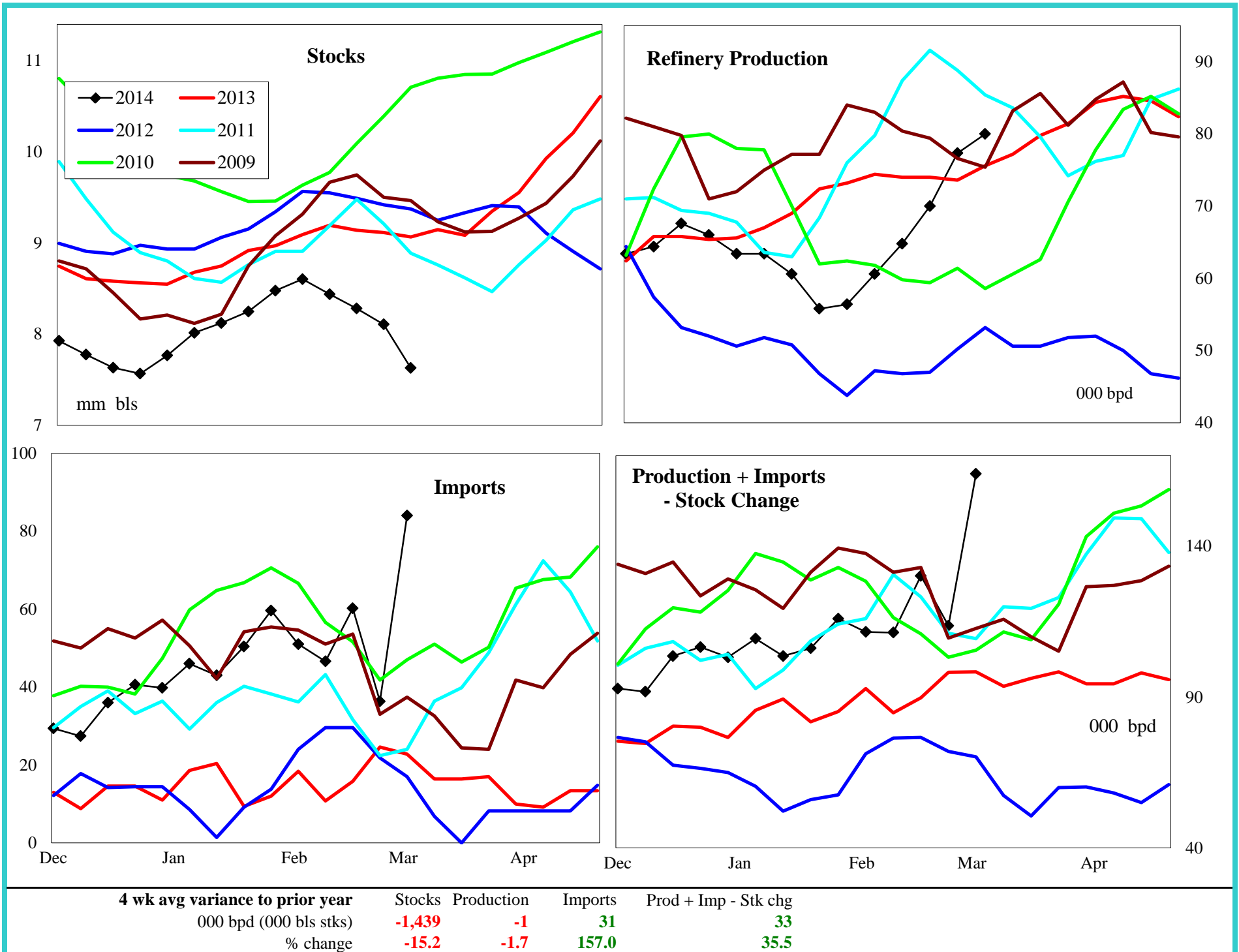
PADD 1 High Sulfur Distillate Supply



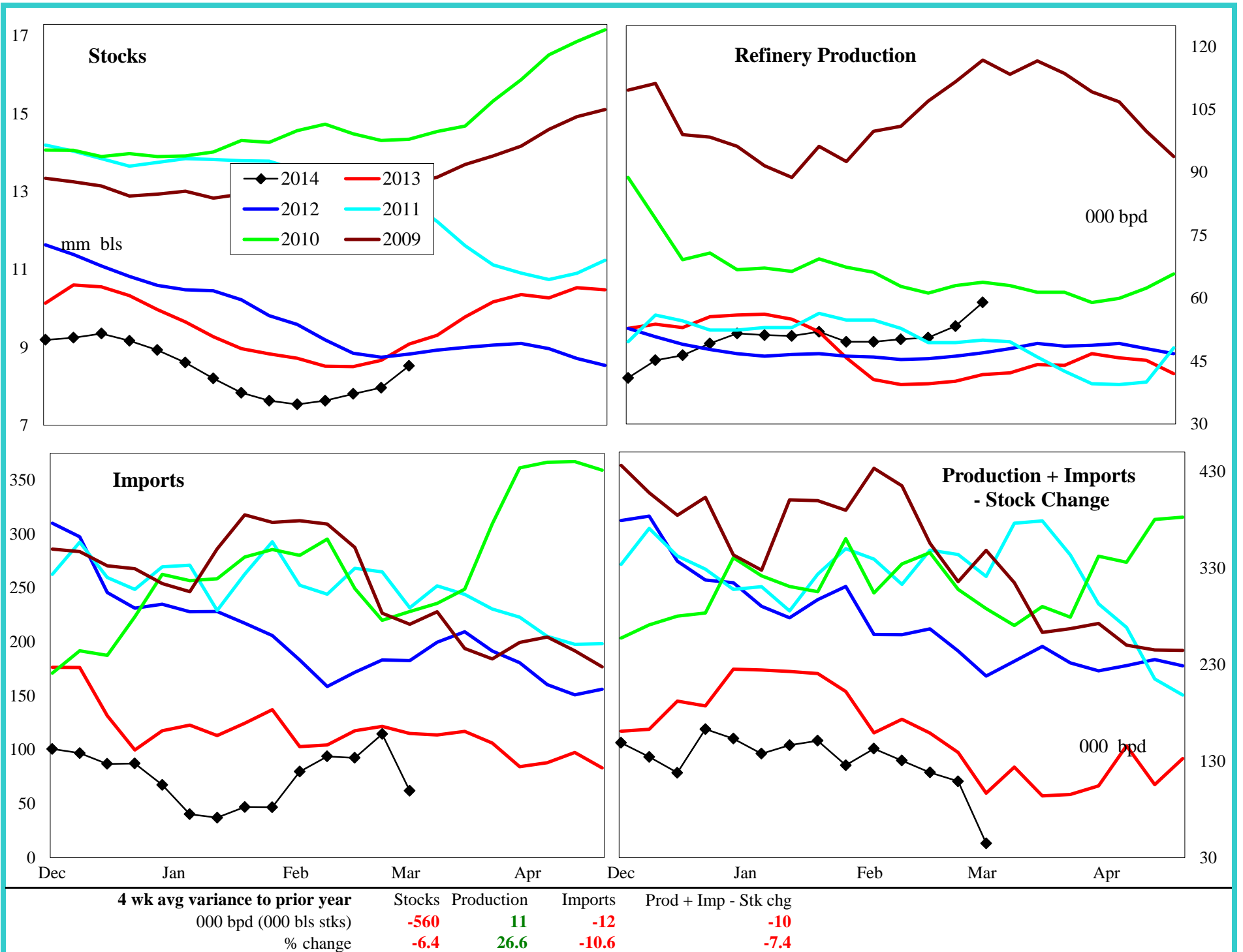
PADD 1 High Sulfur Distillate Stocks by Region



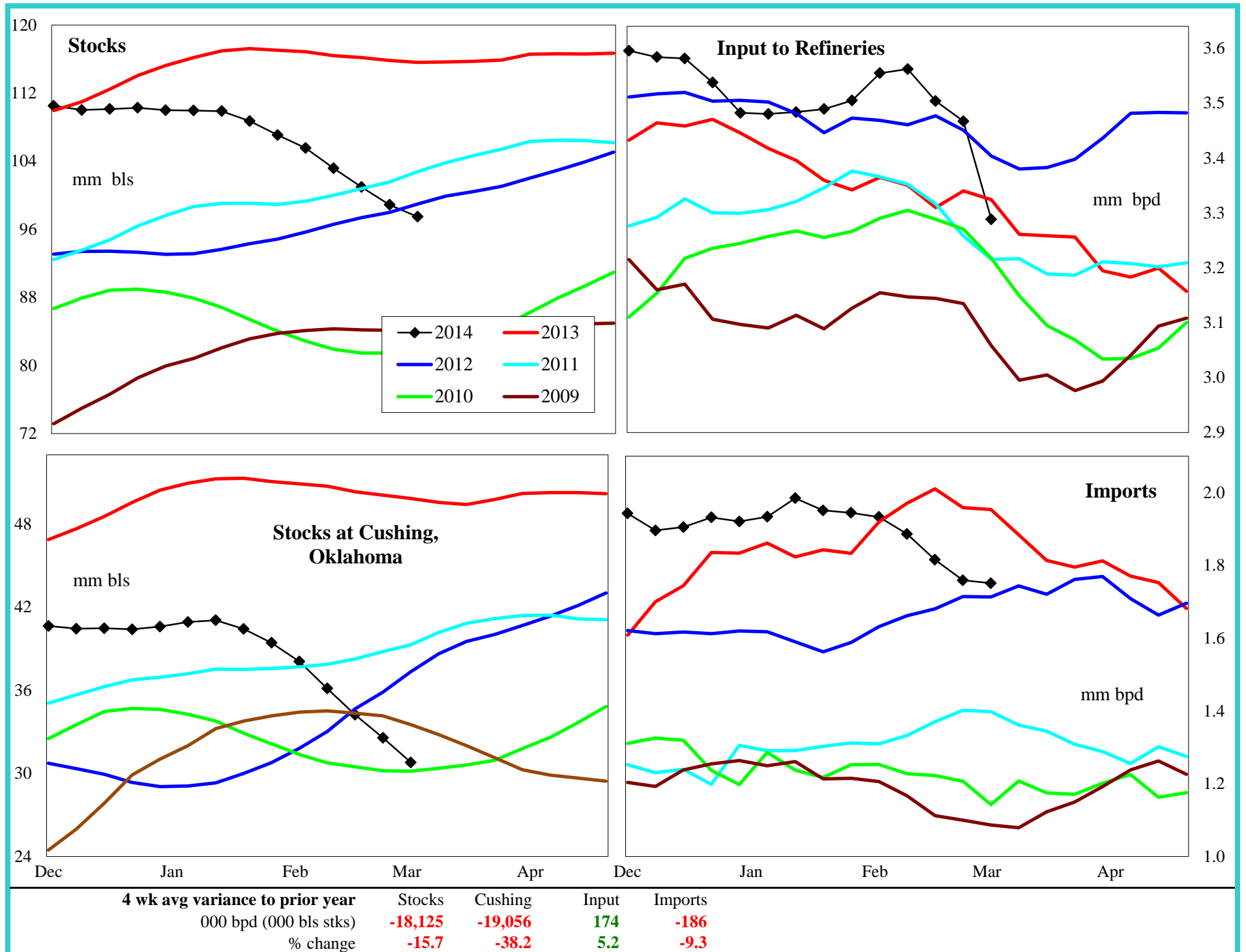
PADD 1 Jet Fuel Supply



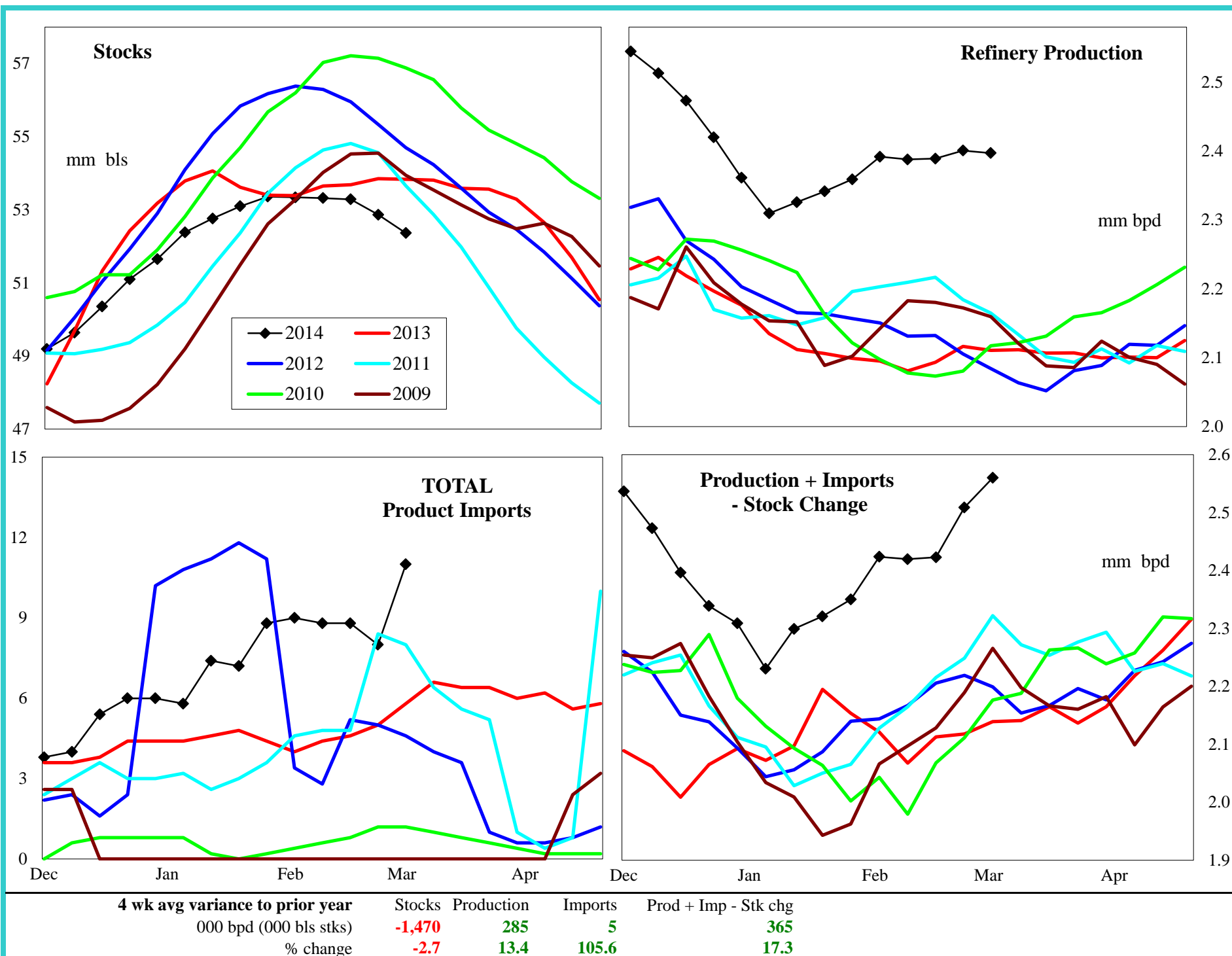
PADD 1 Residual Fuel Oil Supply



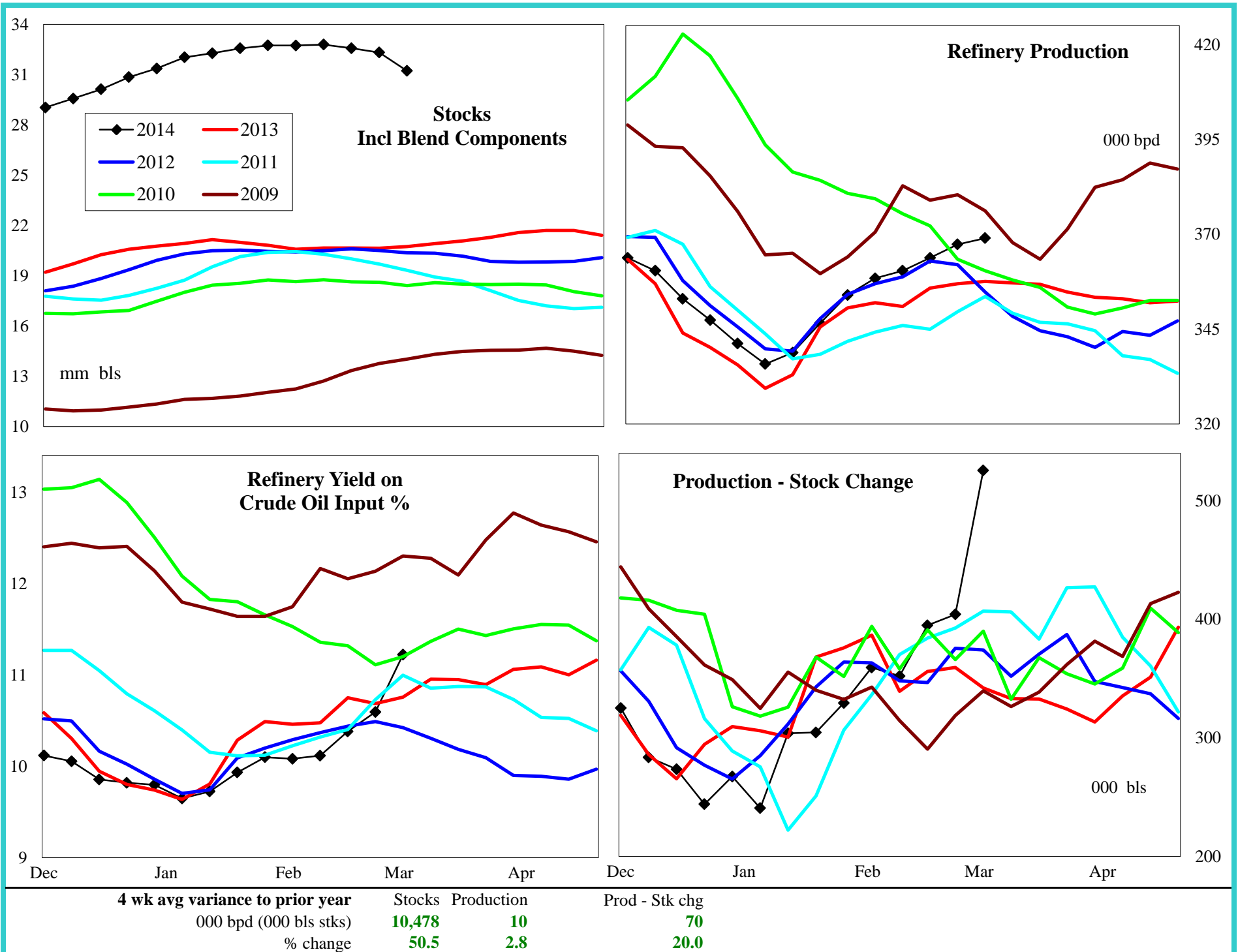
PADD 2 Crude Oil Supply and Refining



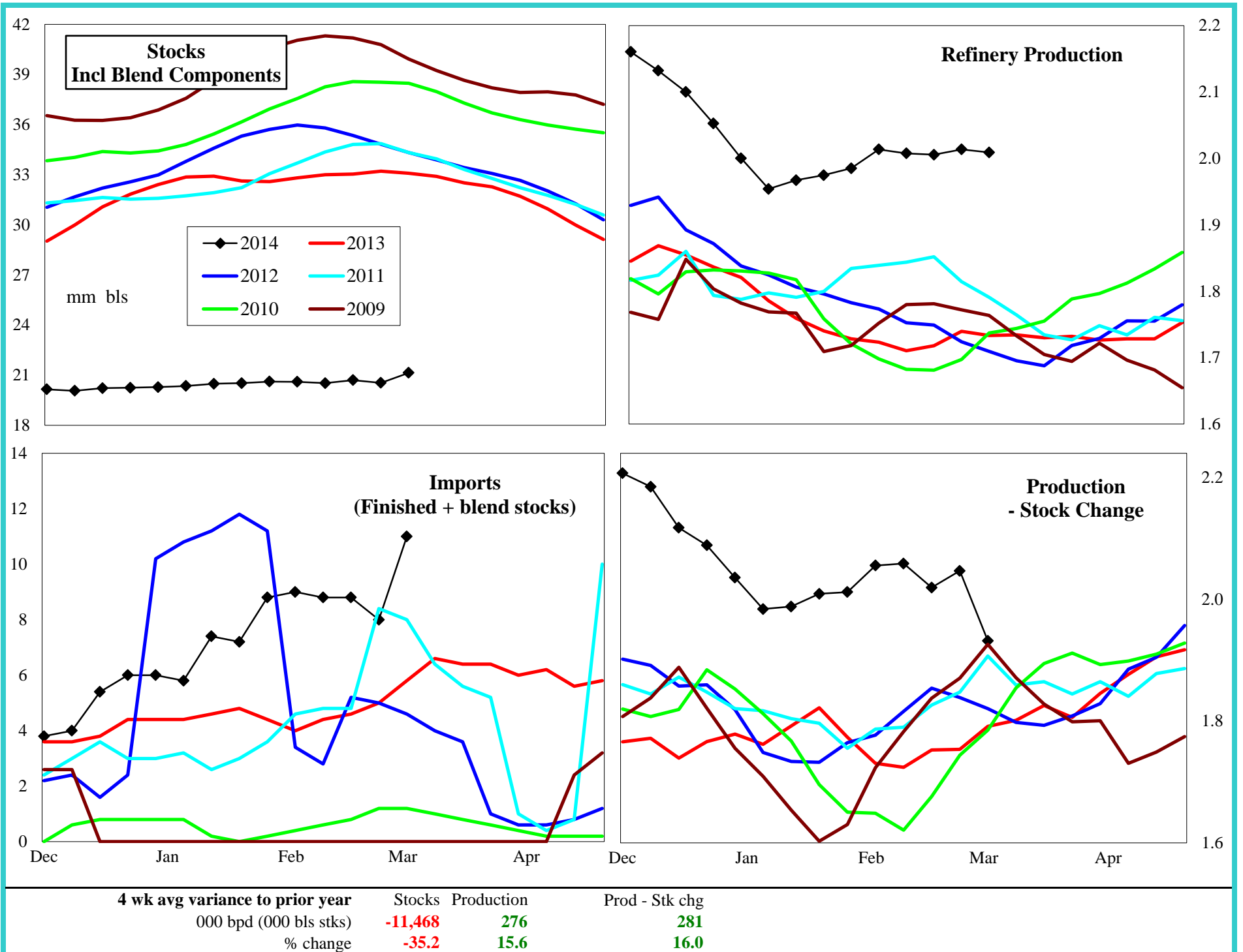
PADD 2 Gasoline Supply



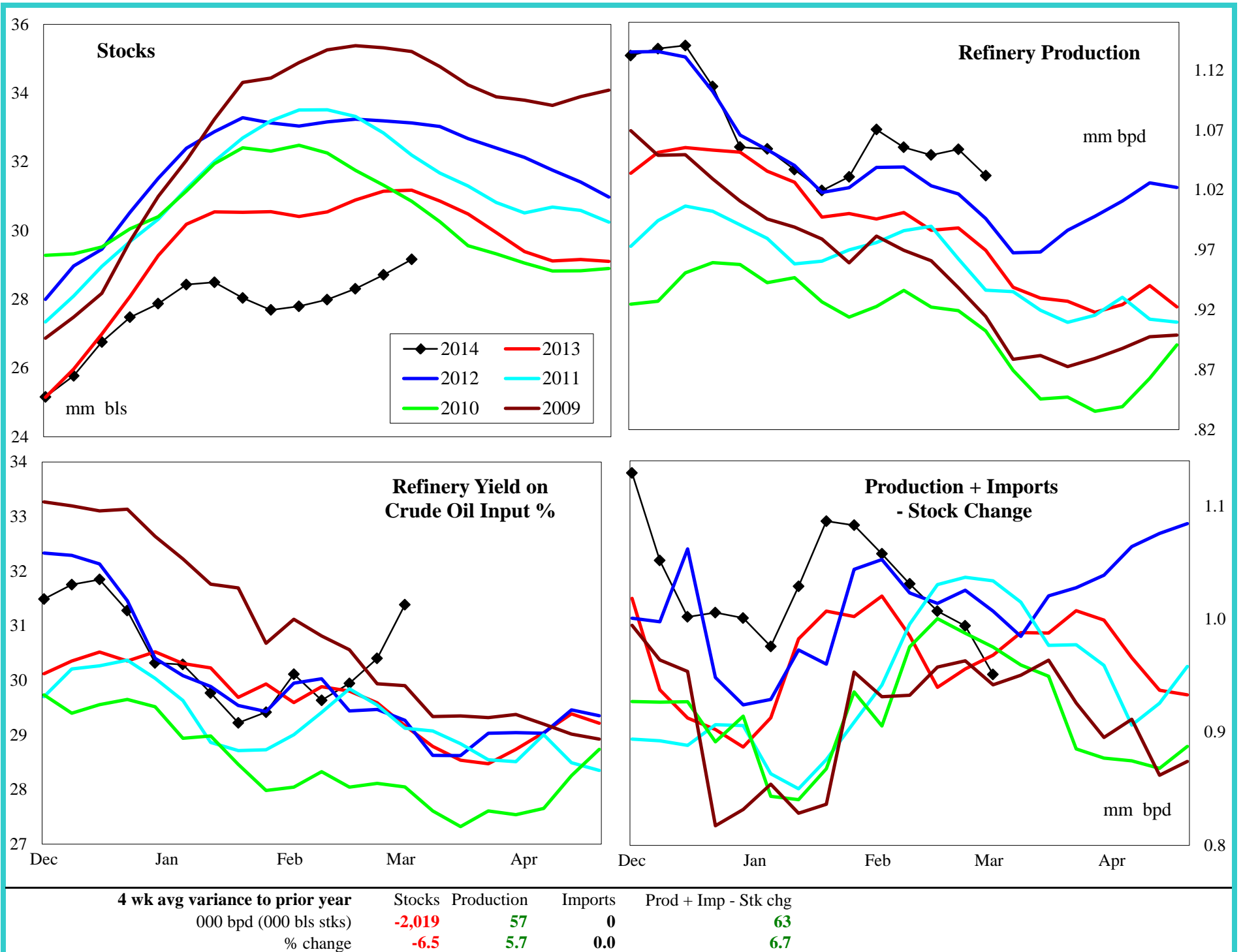
PADD 2 Reformulated Gasoline Supply



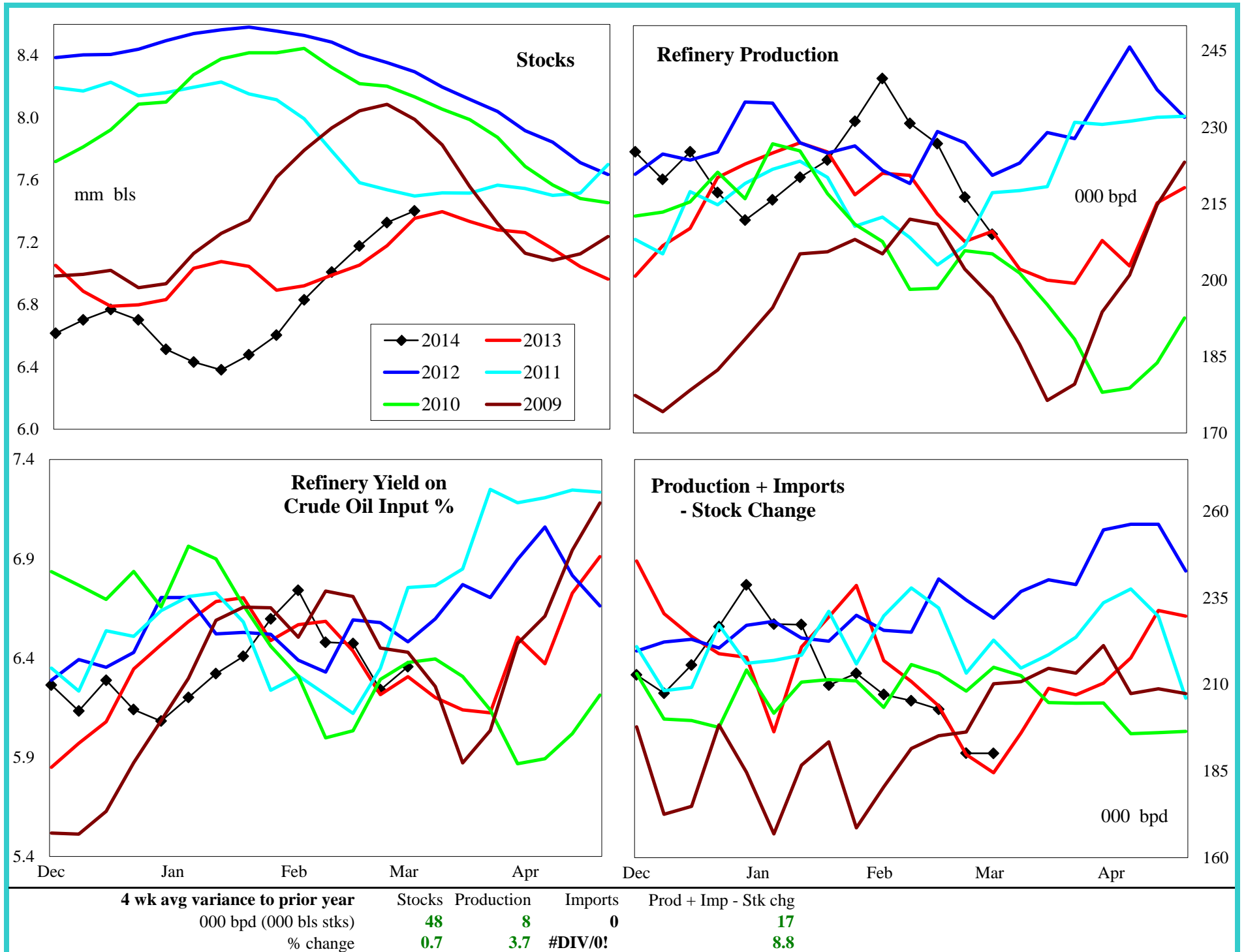
PADD 2 Conventional Gasoline Supply



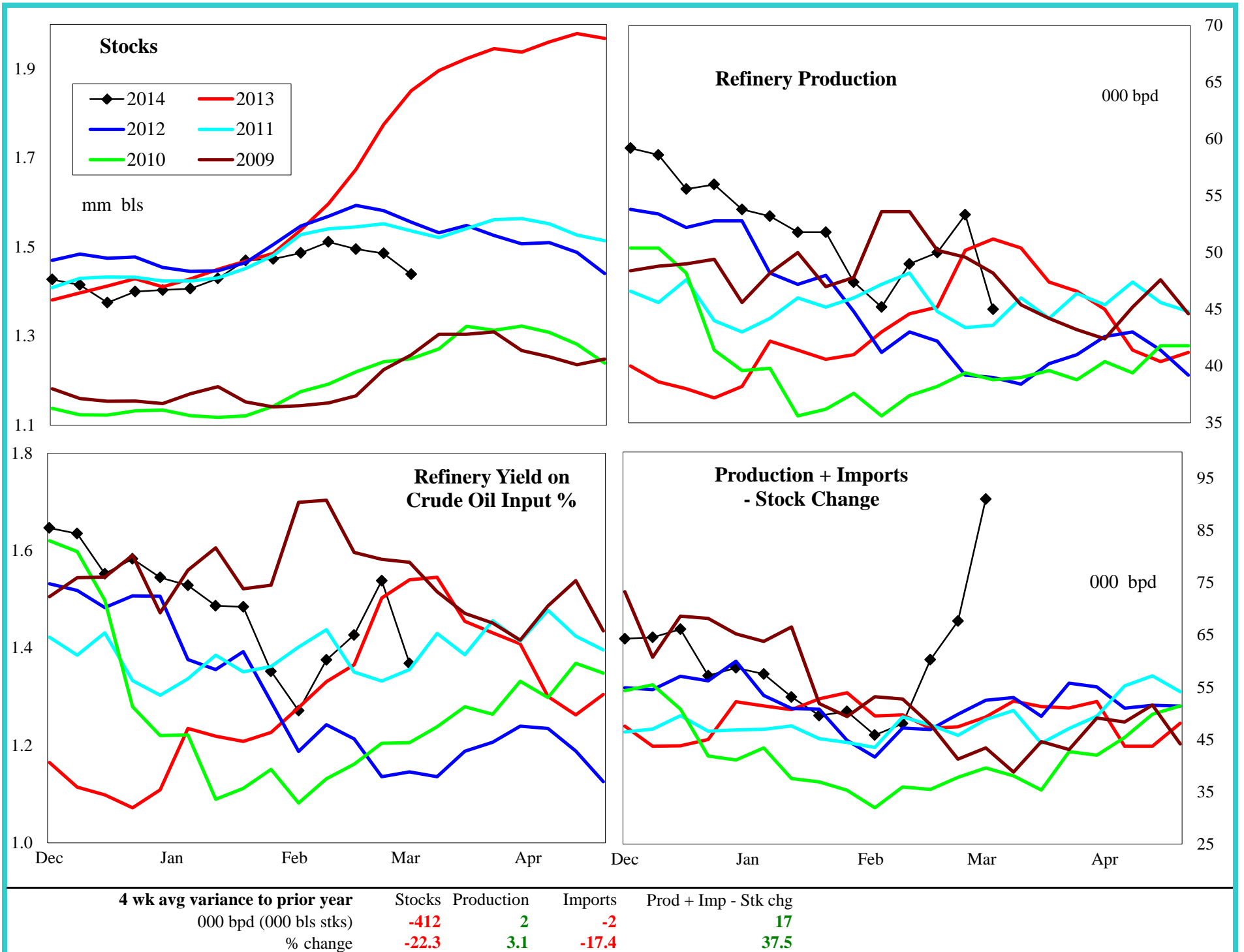
PADD 2 Distillate Supply



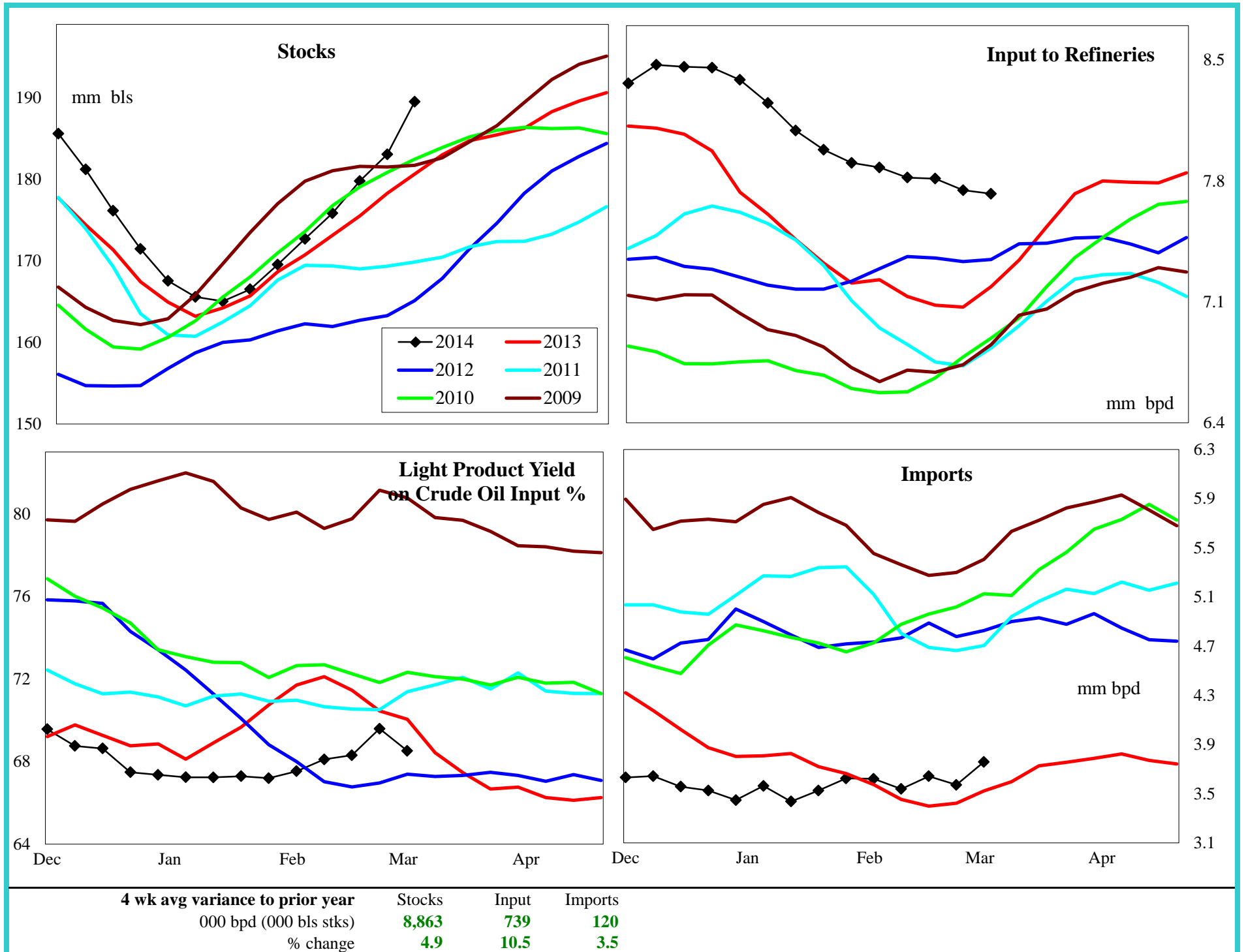
PADD 2 Jet Fuel Supply



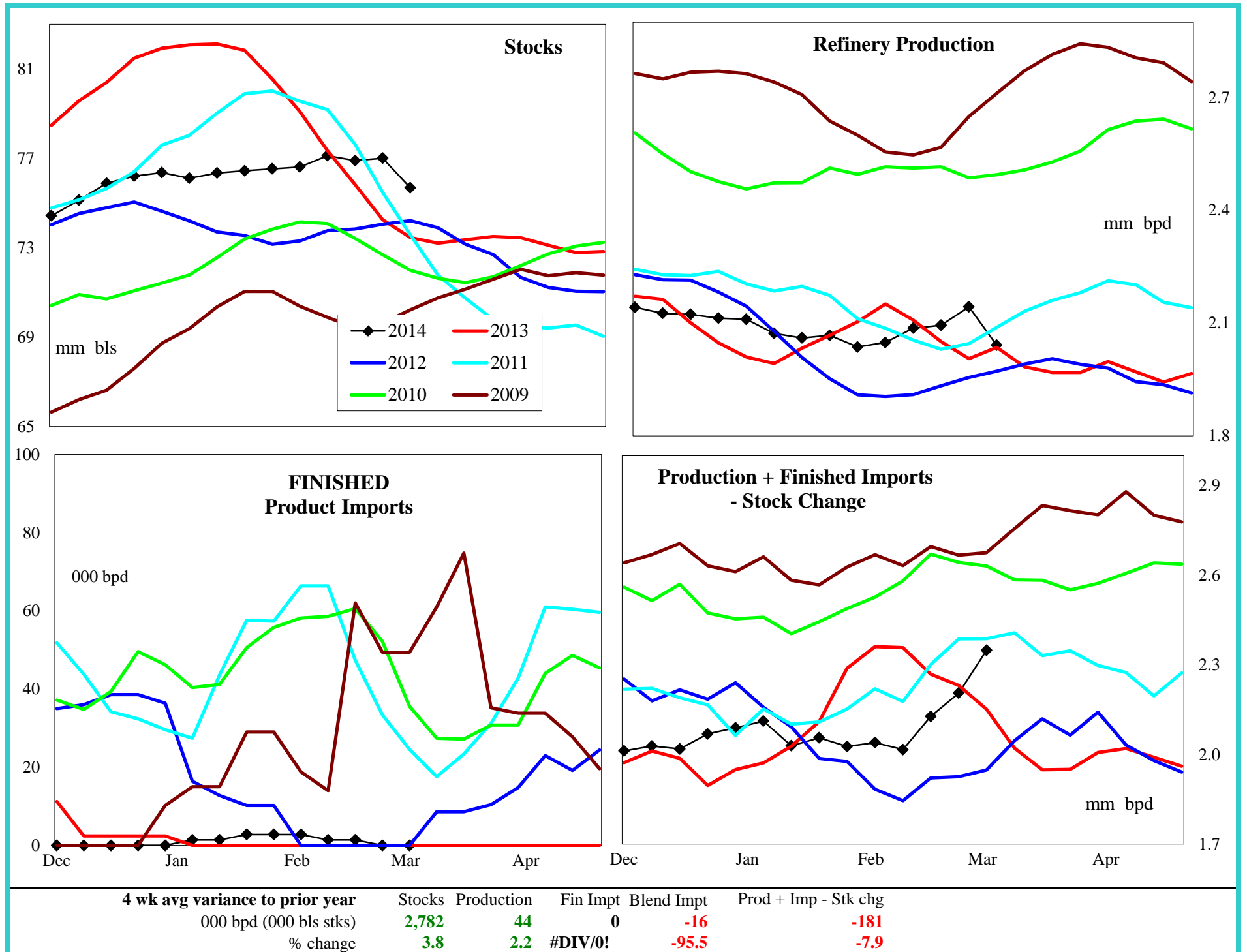
PADD 2 Residual Fuel Oil Supply



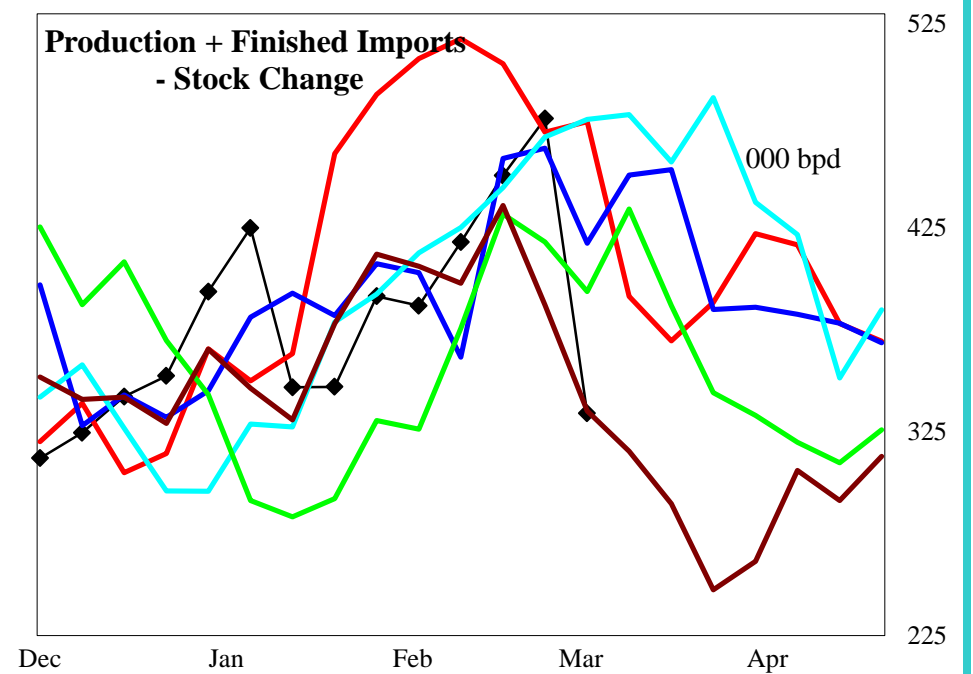
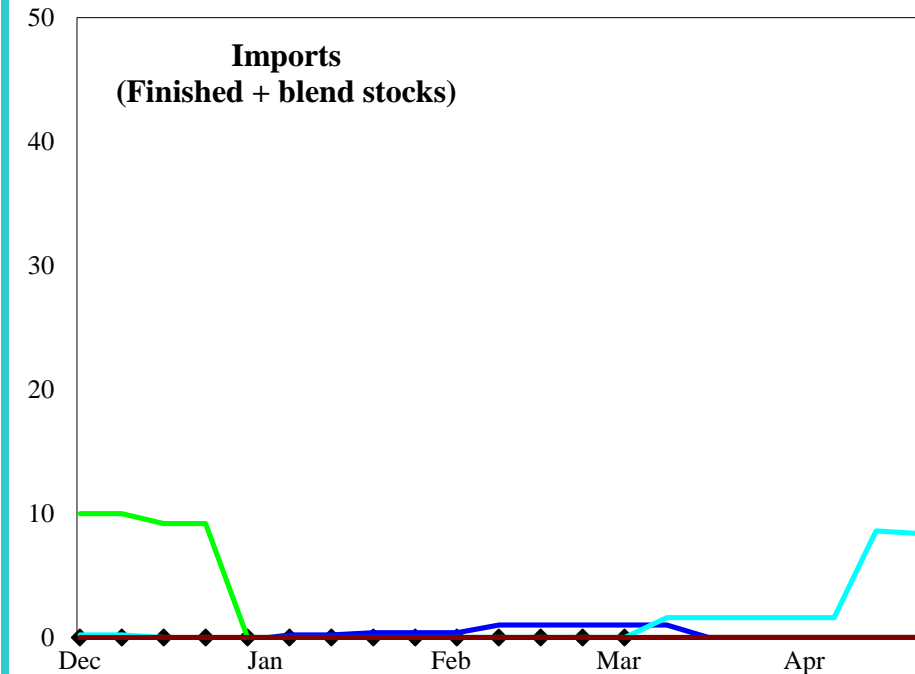
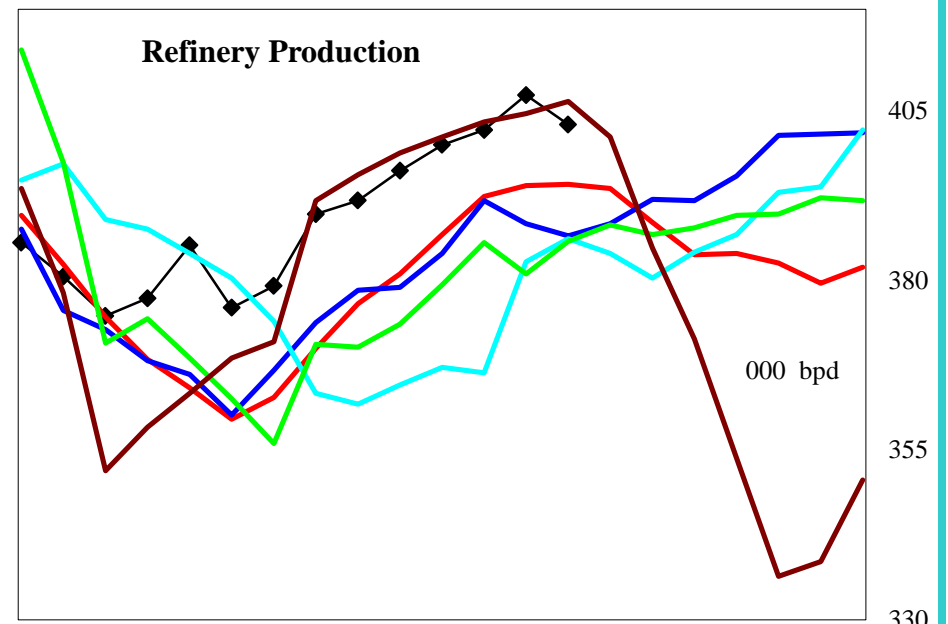
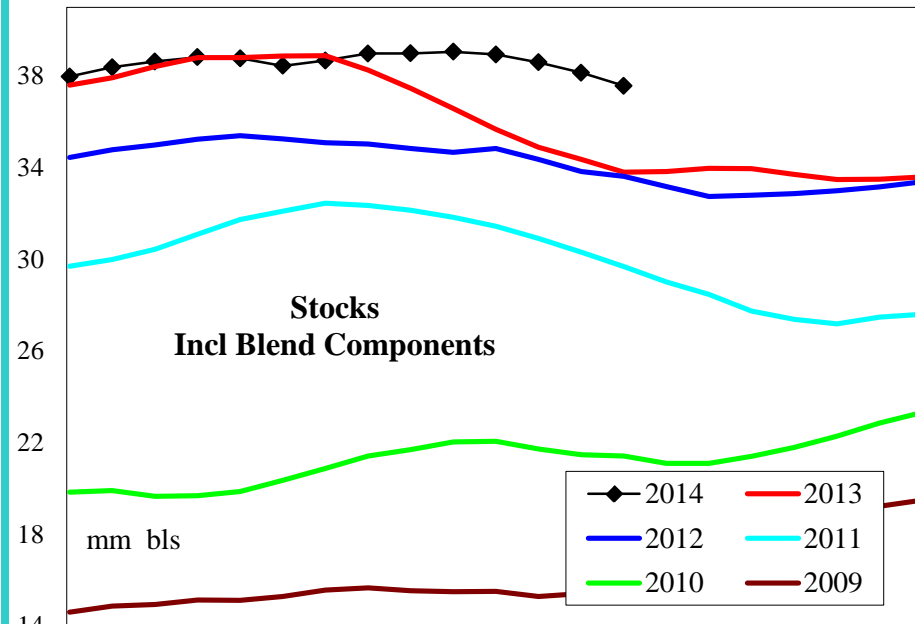
PADD 3 Crude Oil Supply and Refining



PADD 3 Gasoline Supply



PADD 3 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

3,964

11.8

Production

7

1.8

Imports

0

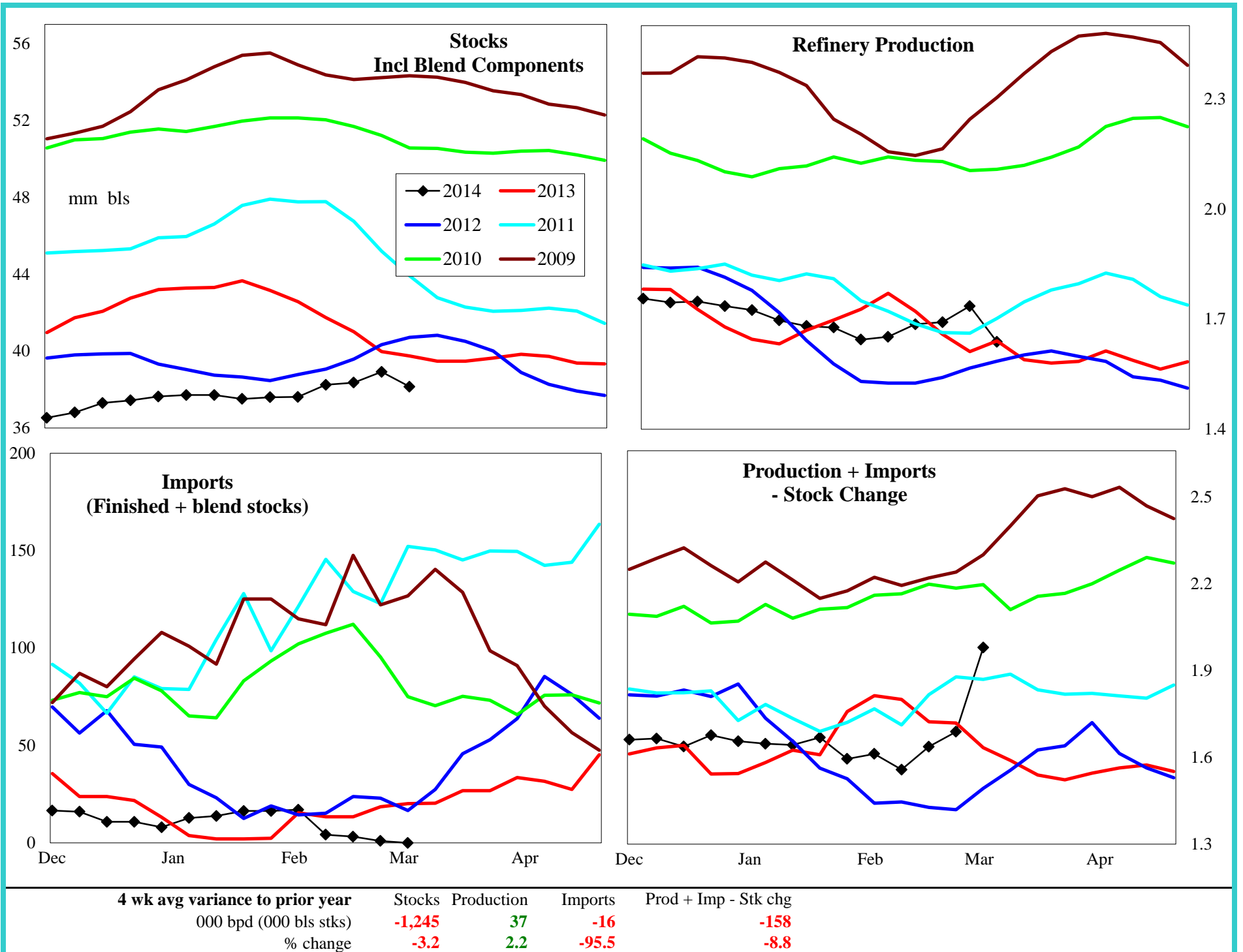
#DIV/0!

Prod + Imp - Stk chg

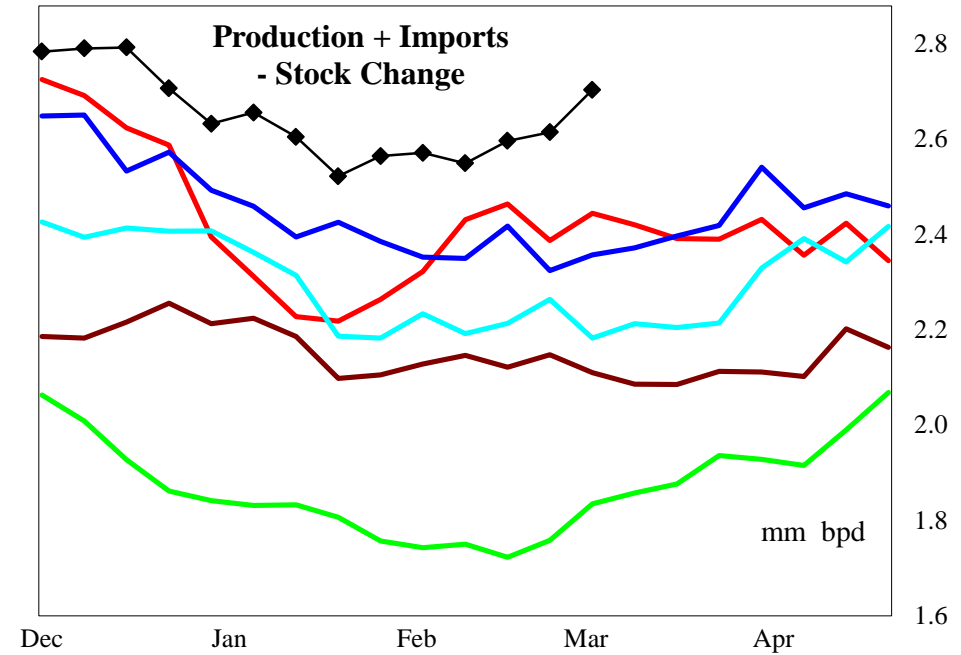
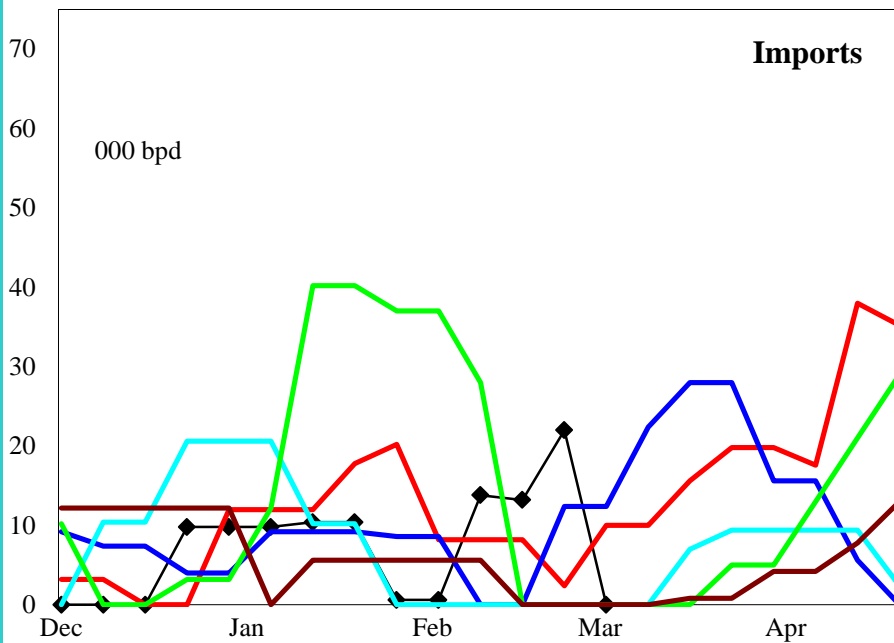
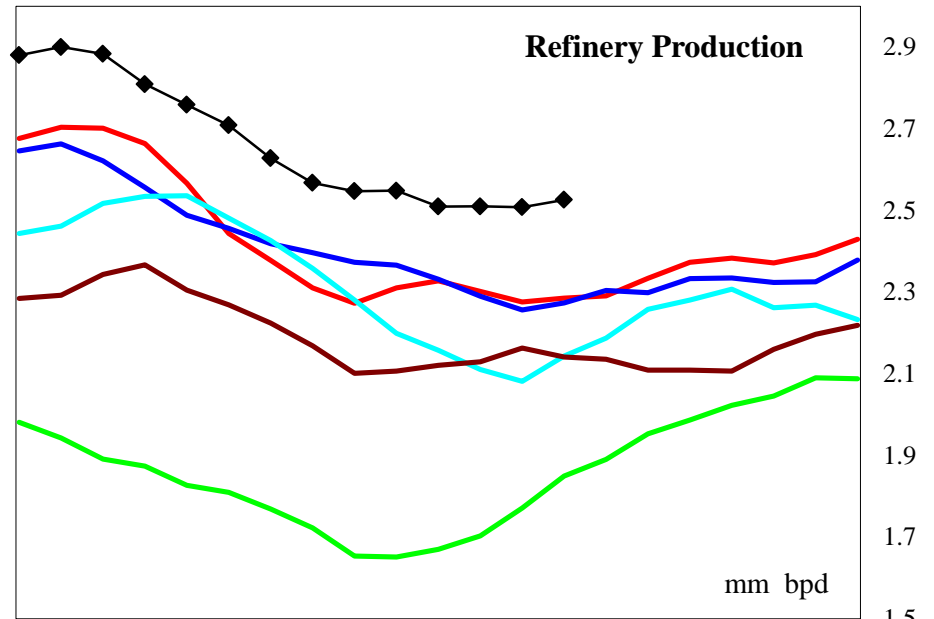
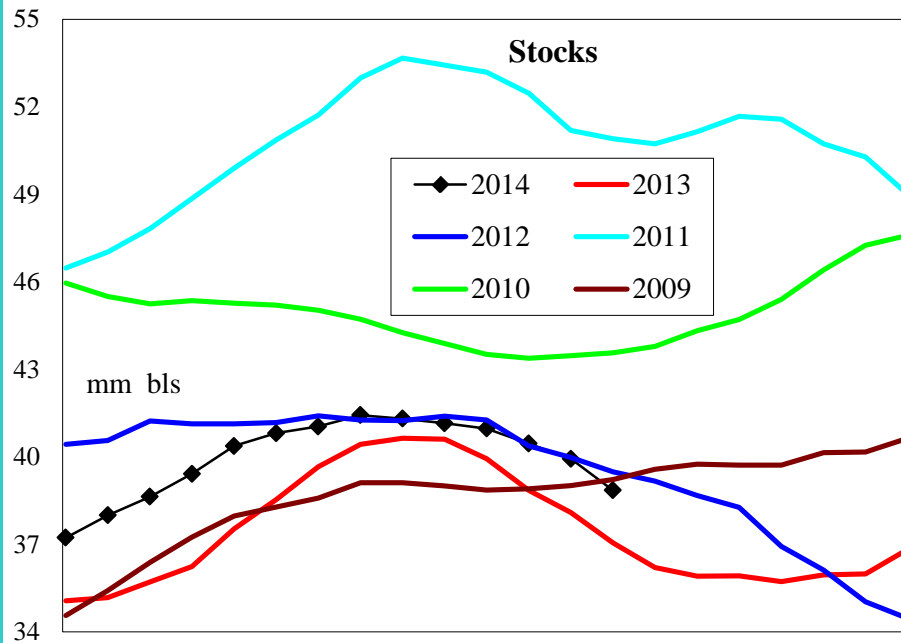
-22

-4.4

PADD 3 Conventional Gasoline Supply



PADD 3 Distillate Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

3,181

8.9

Production

219

9.6

Imports

14

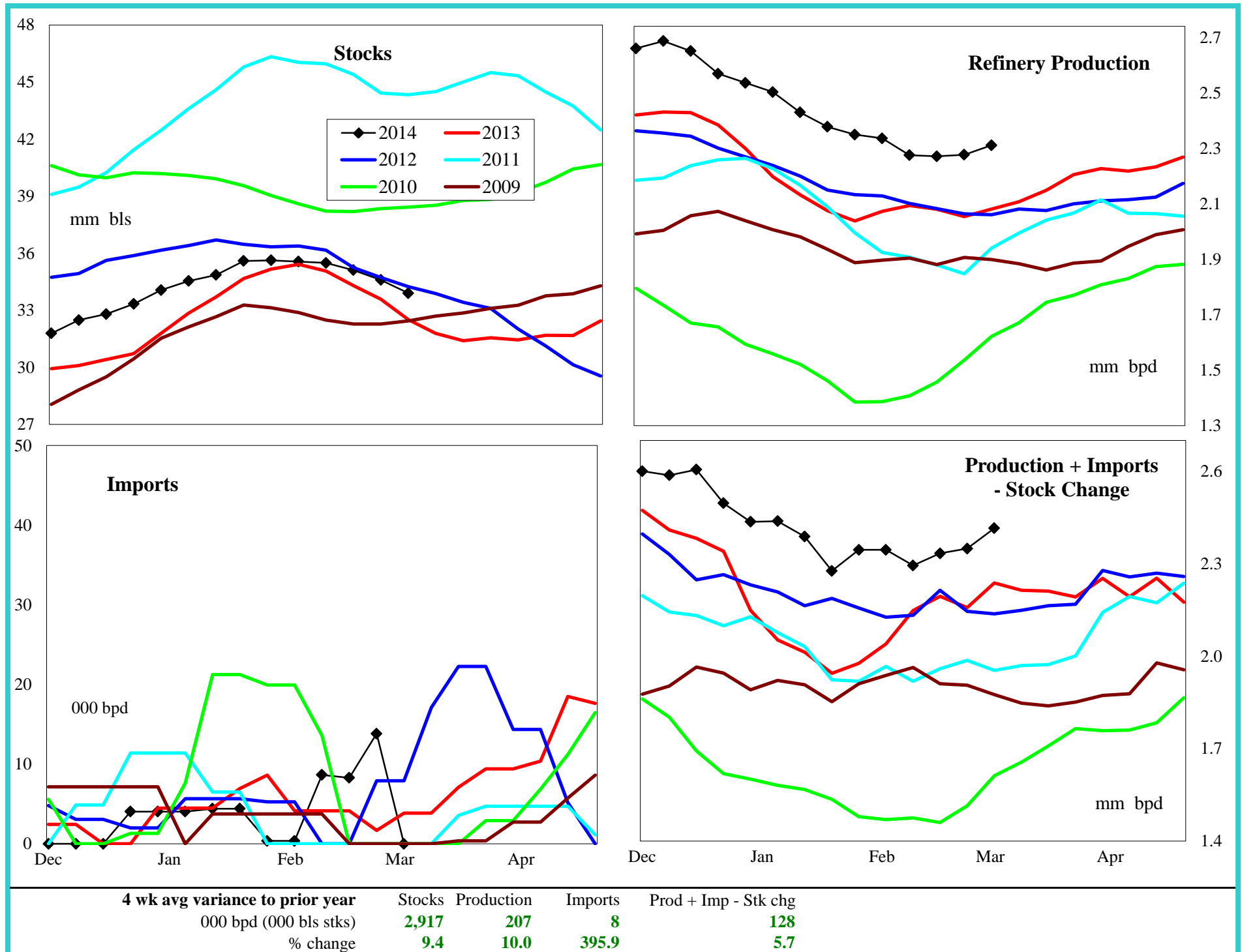
450.0

Prod + Imp - Stk chg

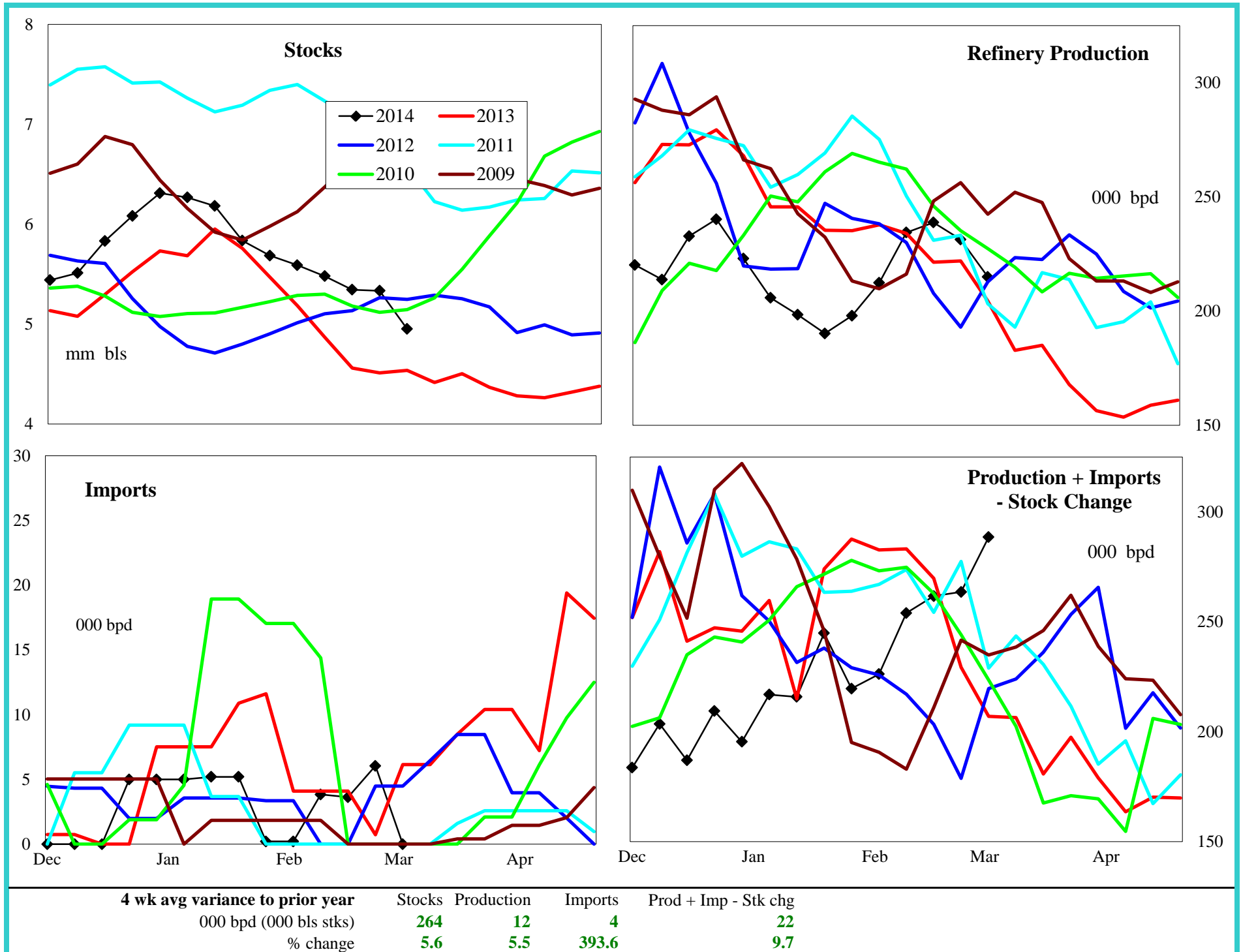
152

6.1

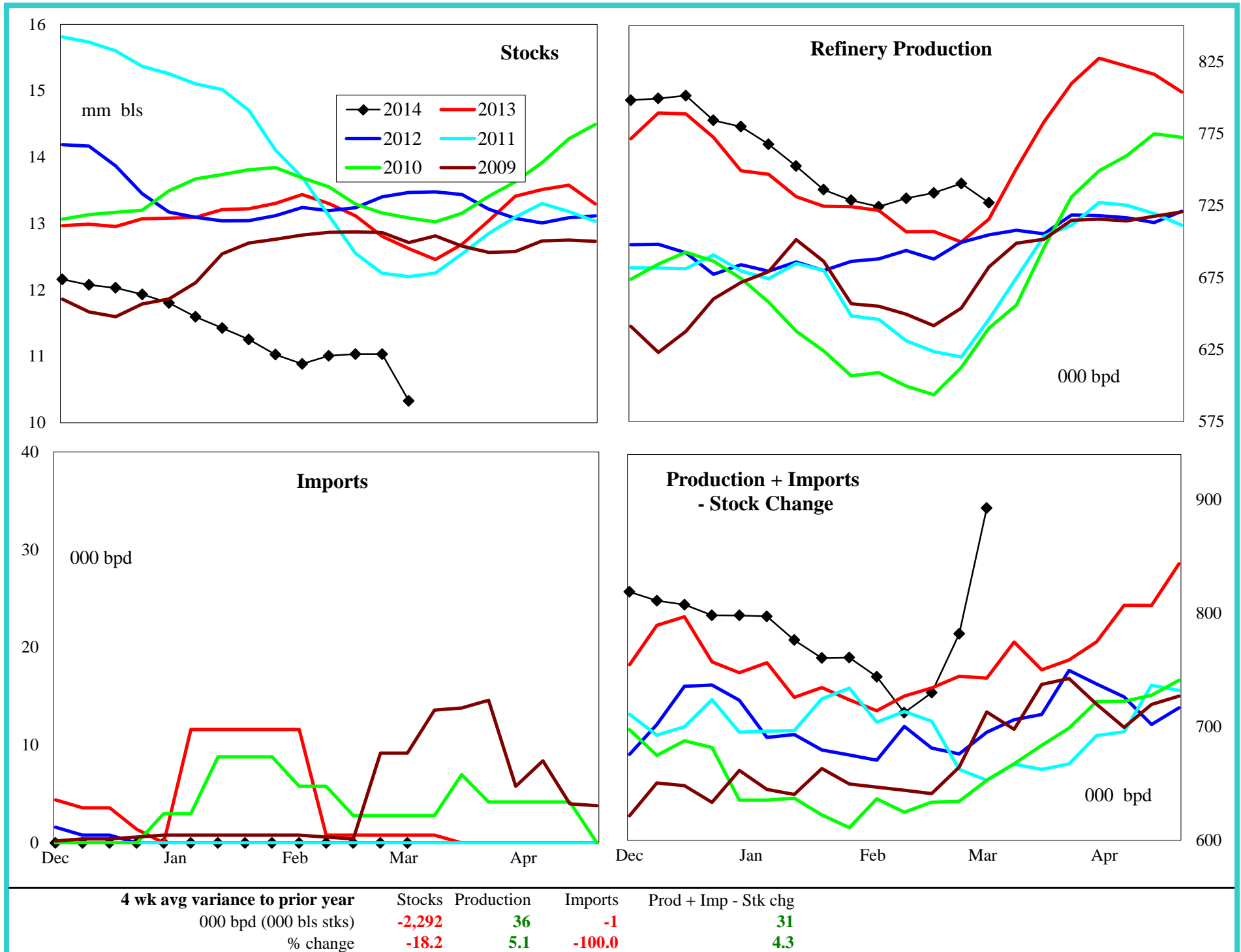
PADD 3 Low Sulfur Distillate Supply



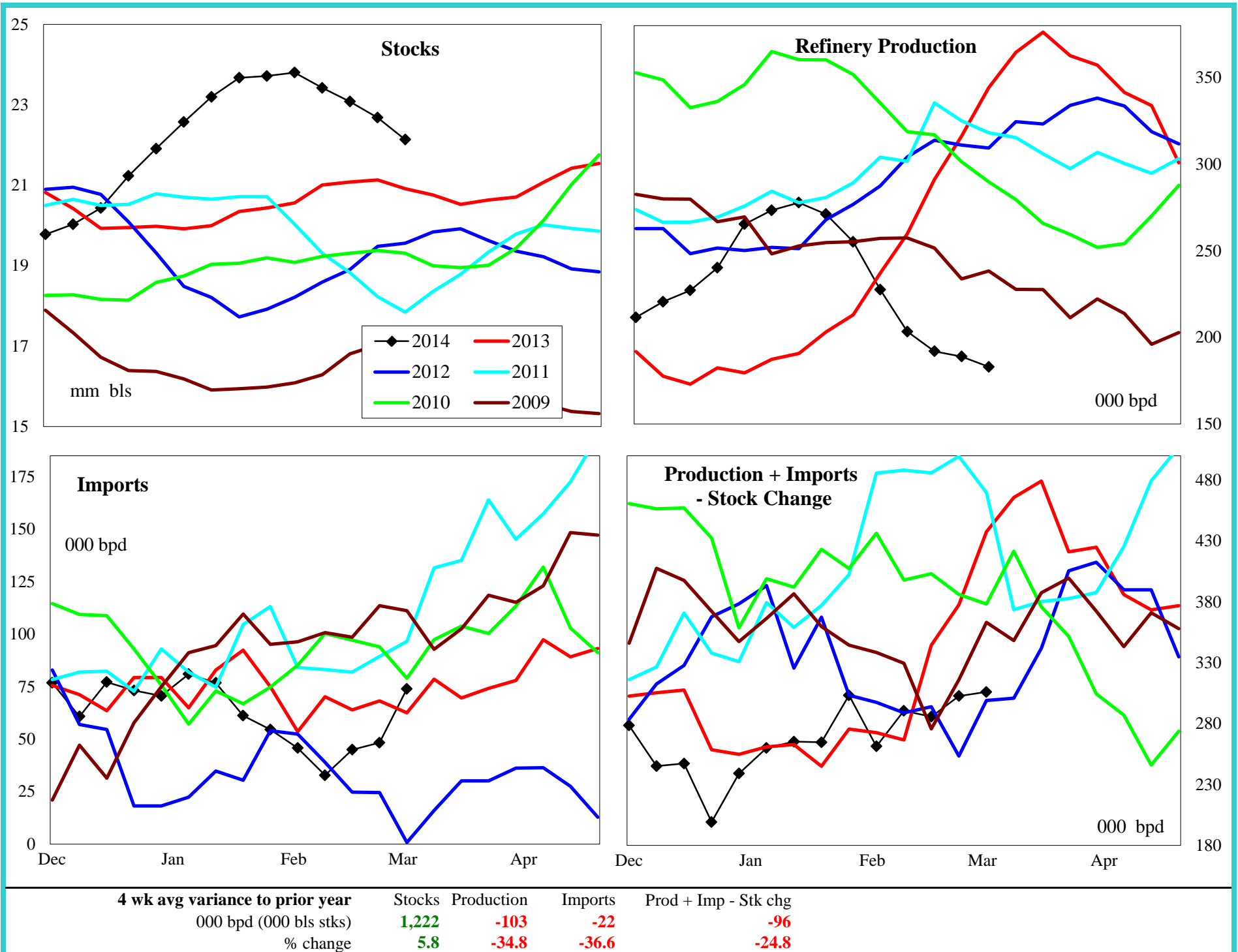
PADD 3 High Sulfur Distillate Supply



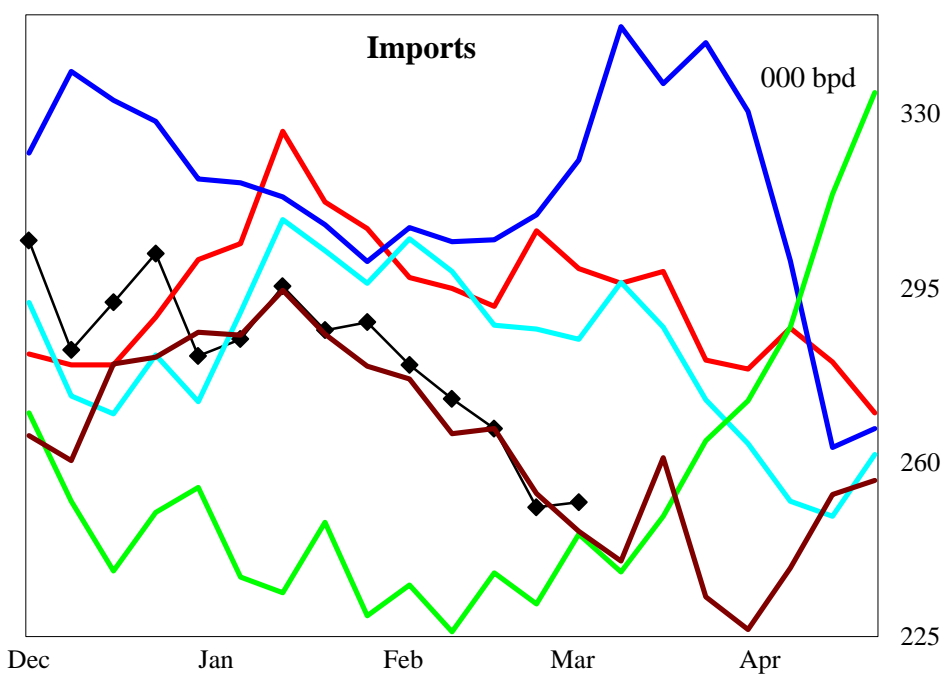
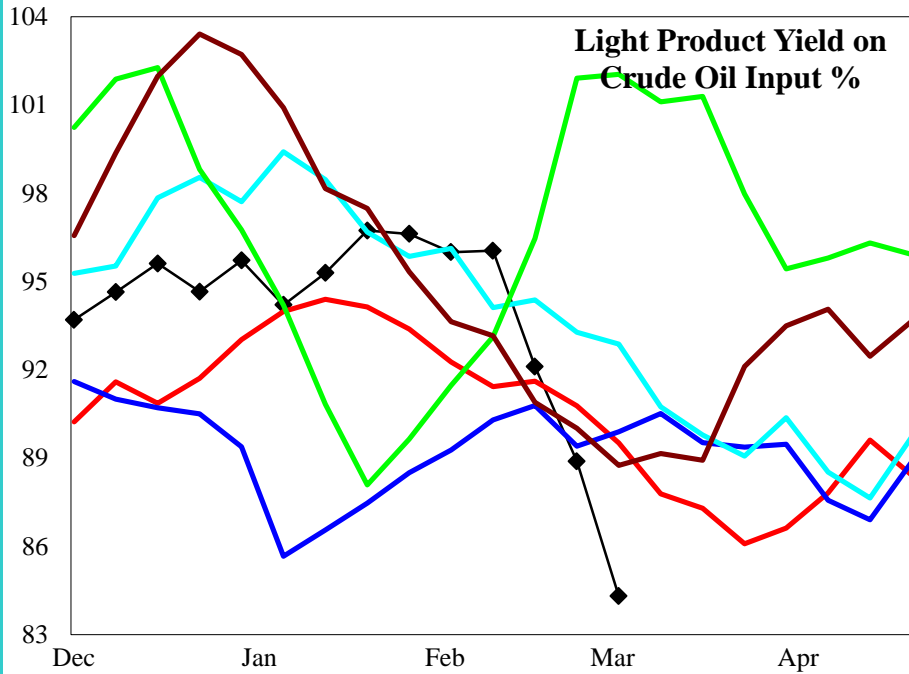
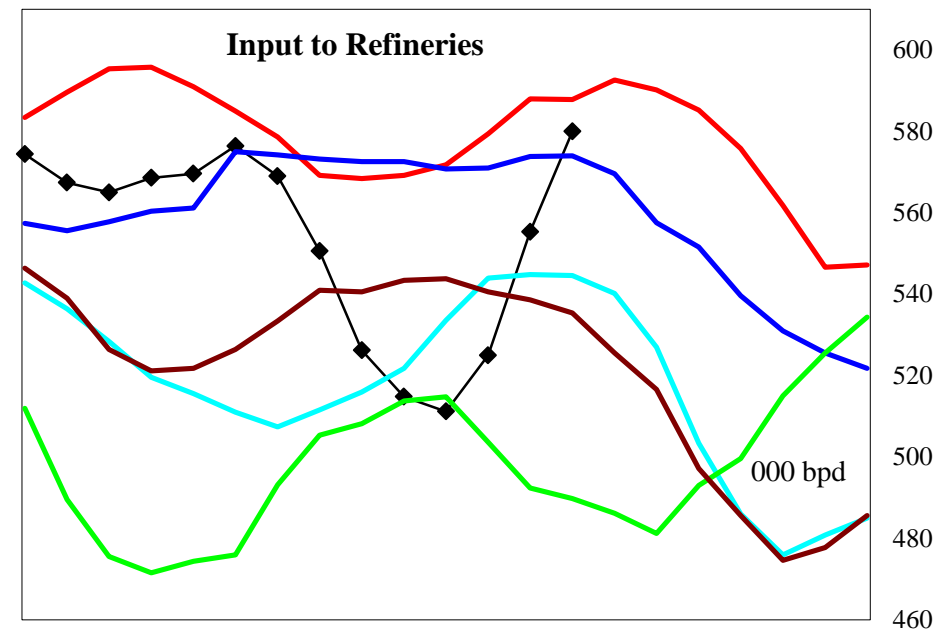
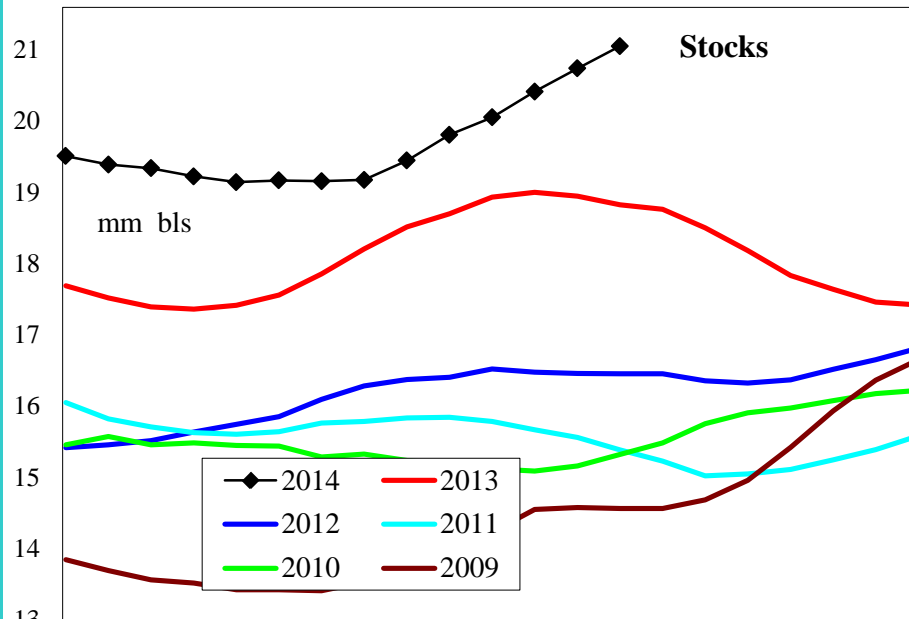
PADD 3 Jet Fuel Supply



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

2,226

11.6

Input

-50

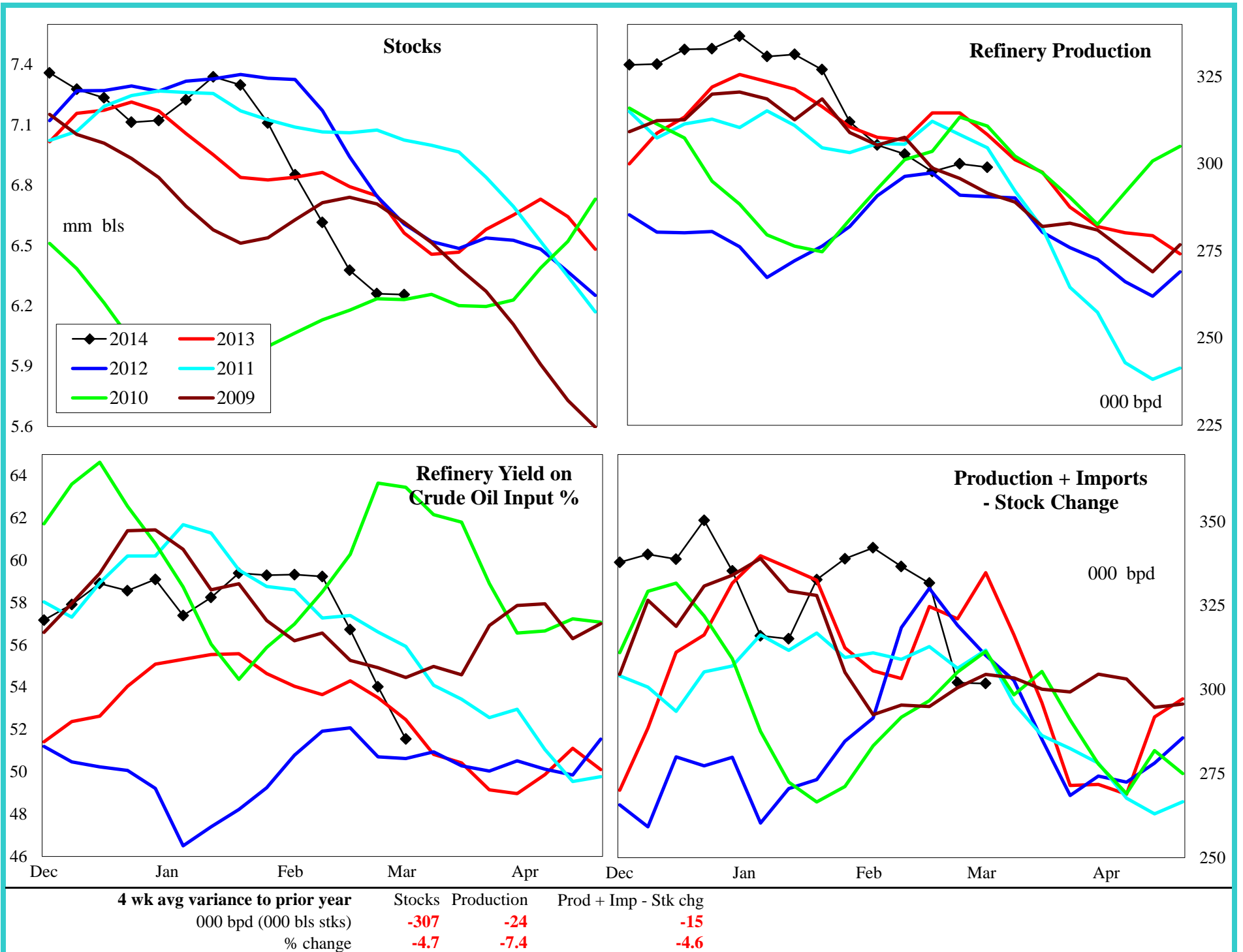
-8.6

Imports

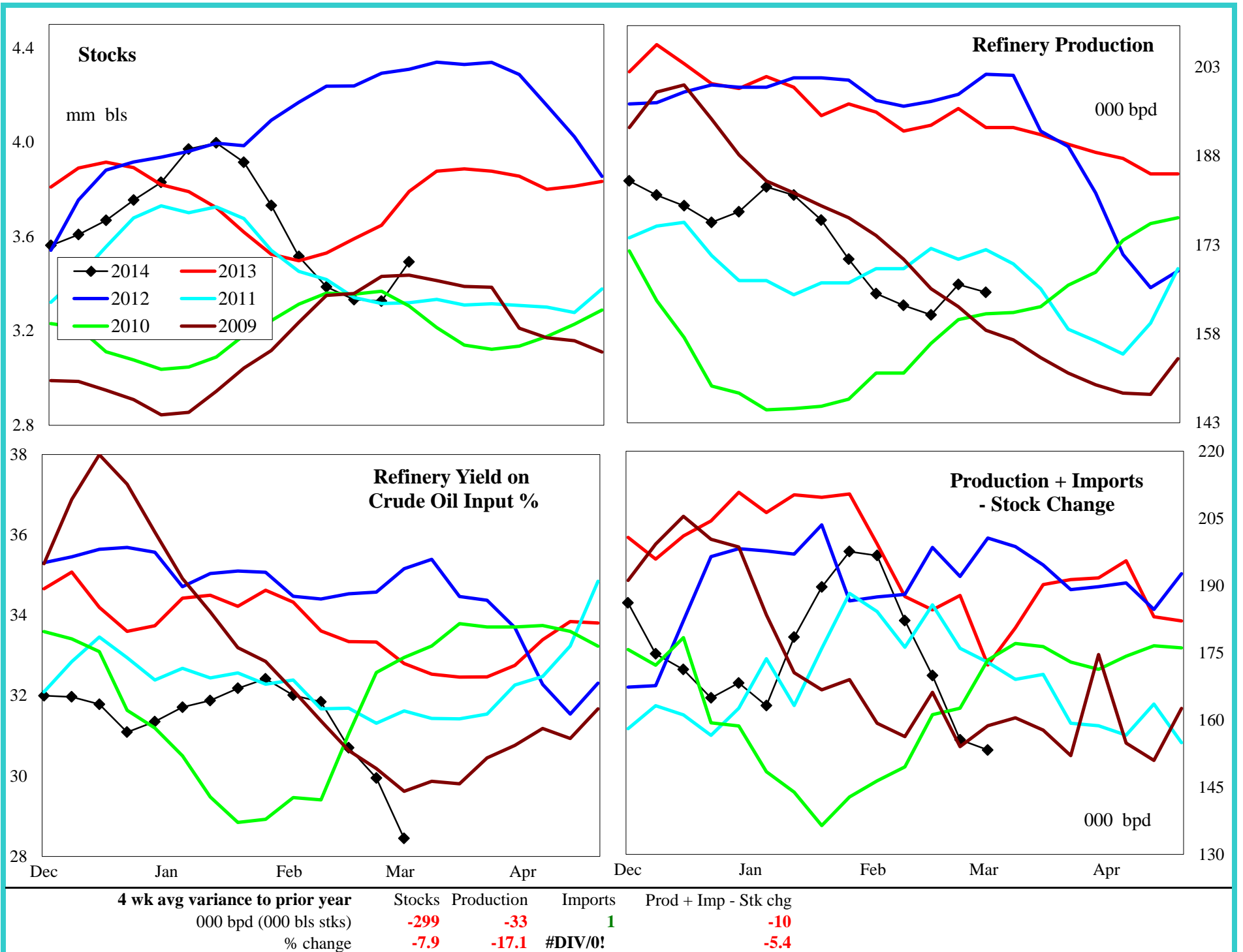
-49

-15.9

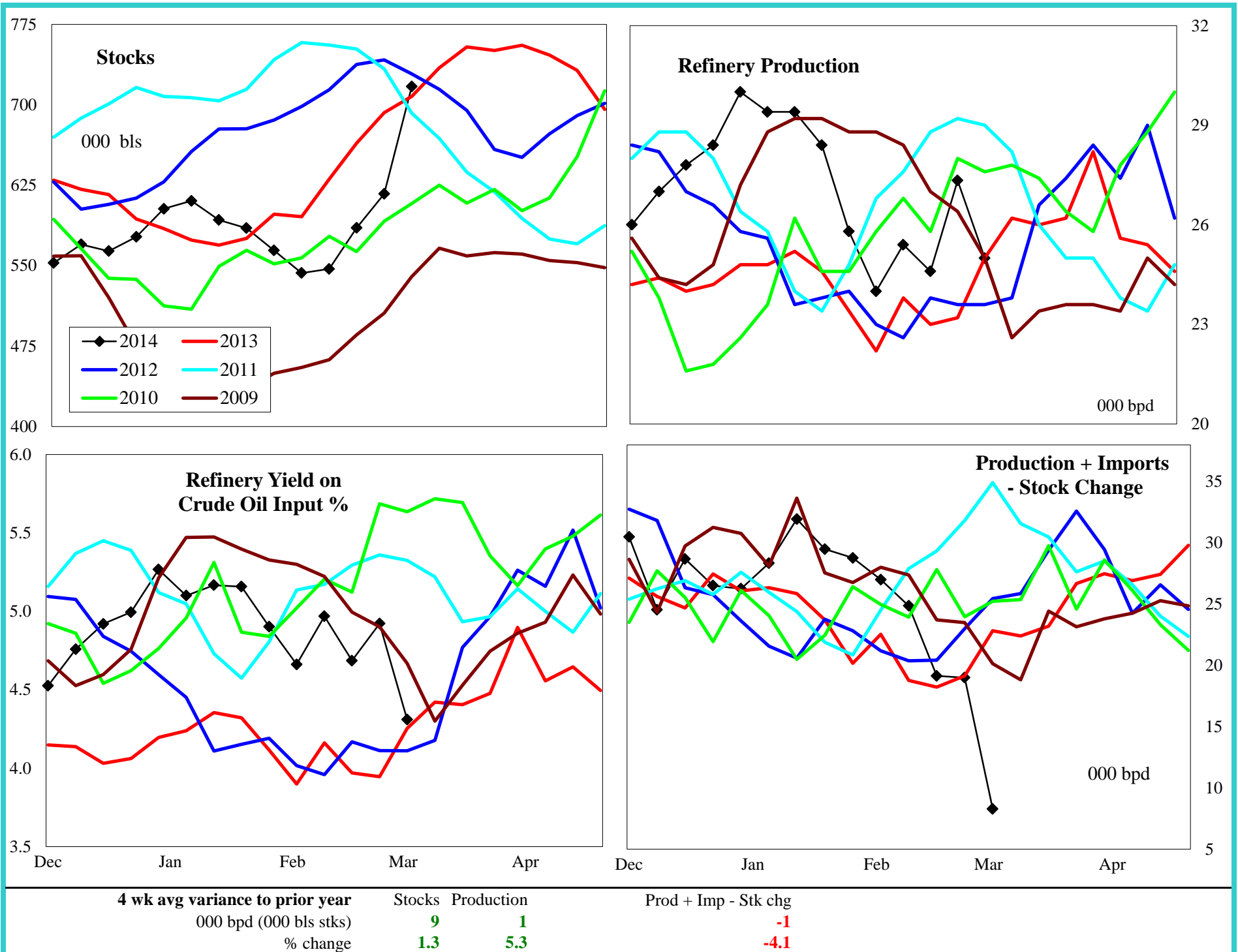
PADD 4 Gasoline Supply



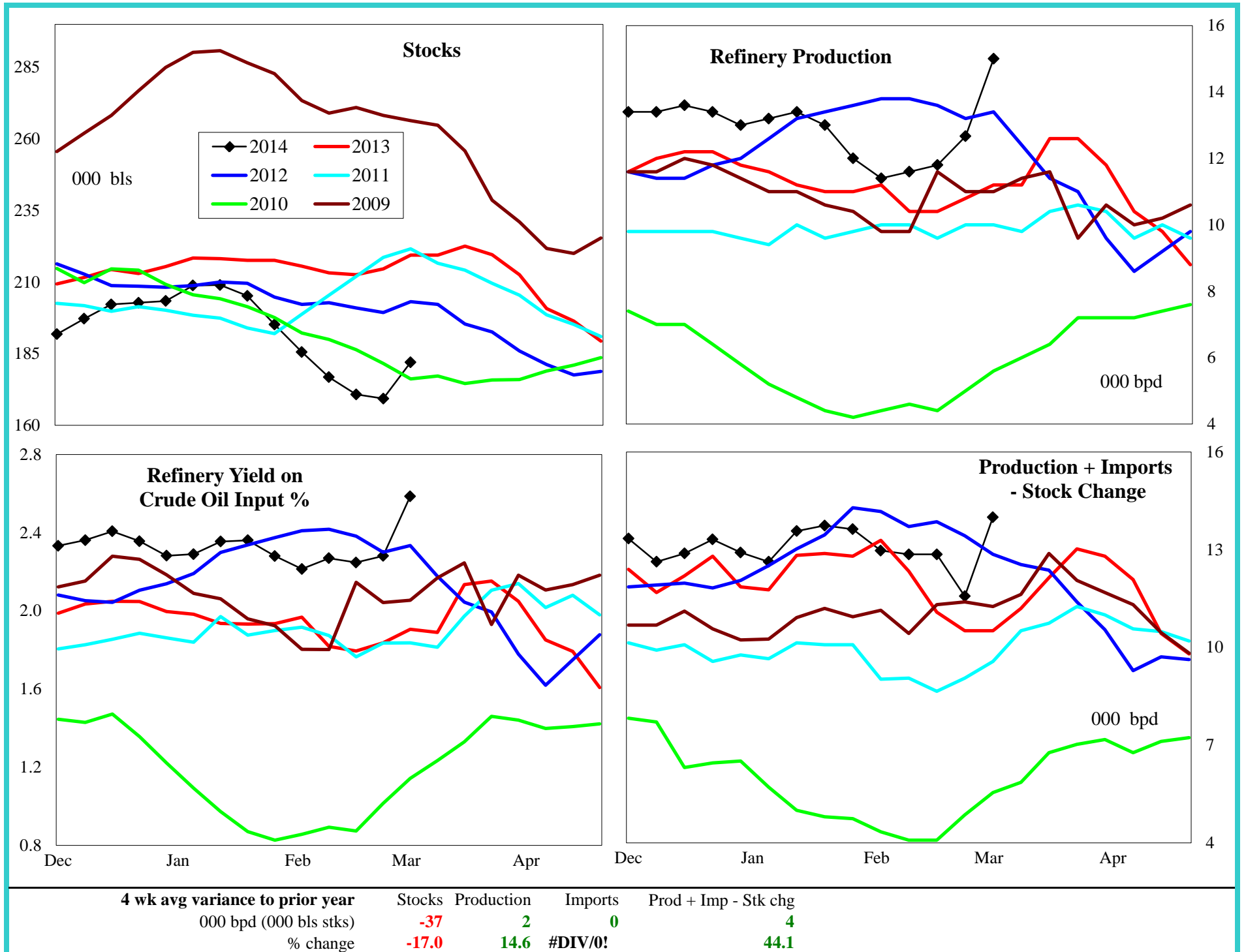
PADD 4 Distillate Supply



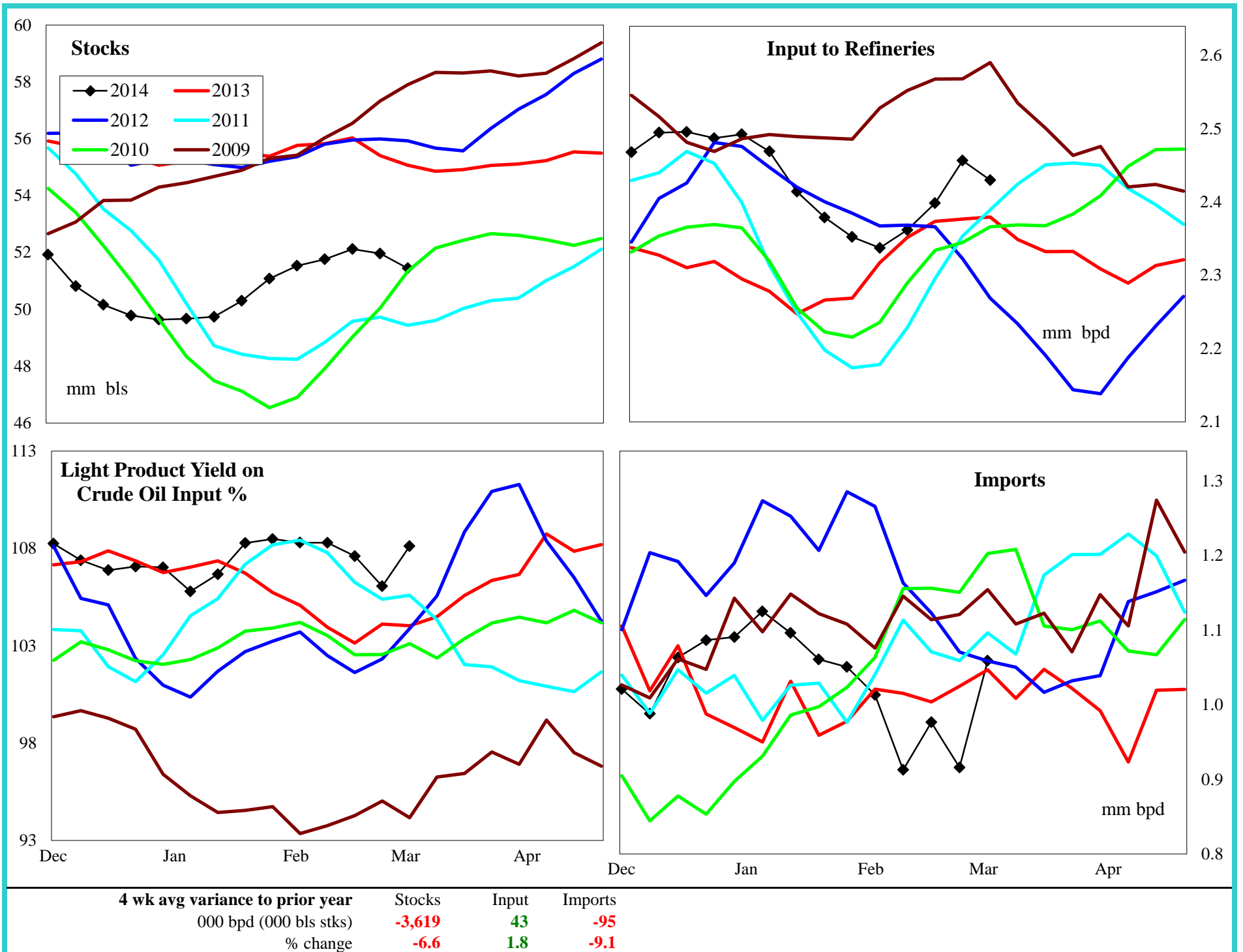
PADD 4 Jet Fuel Supply



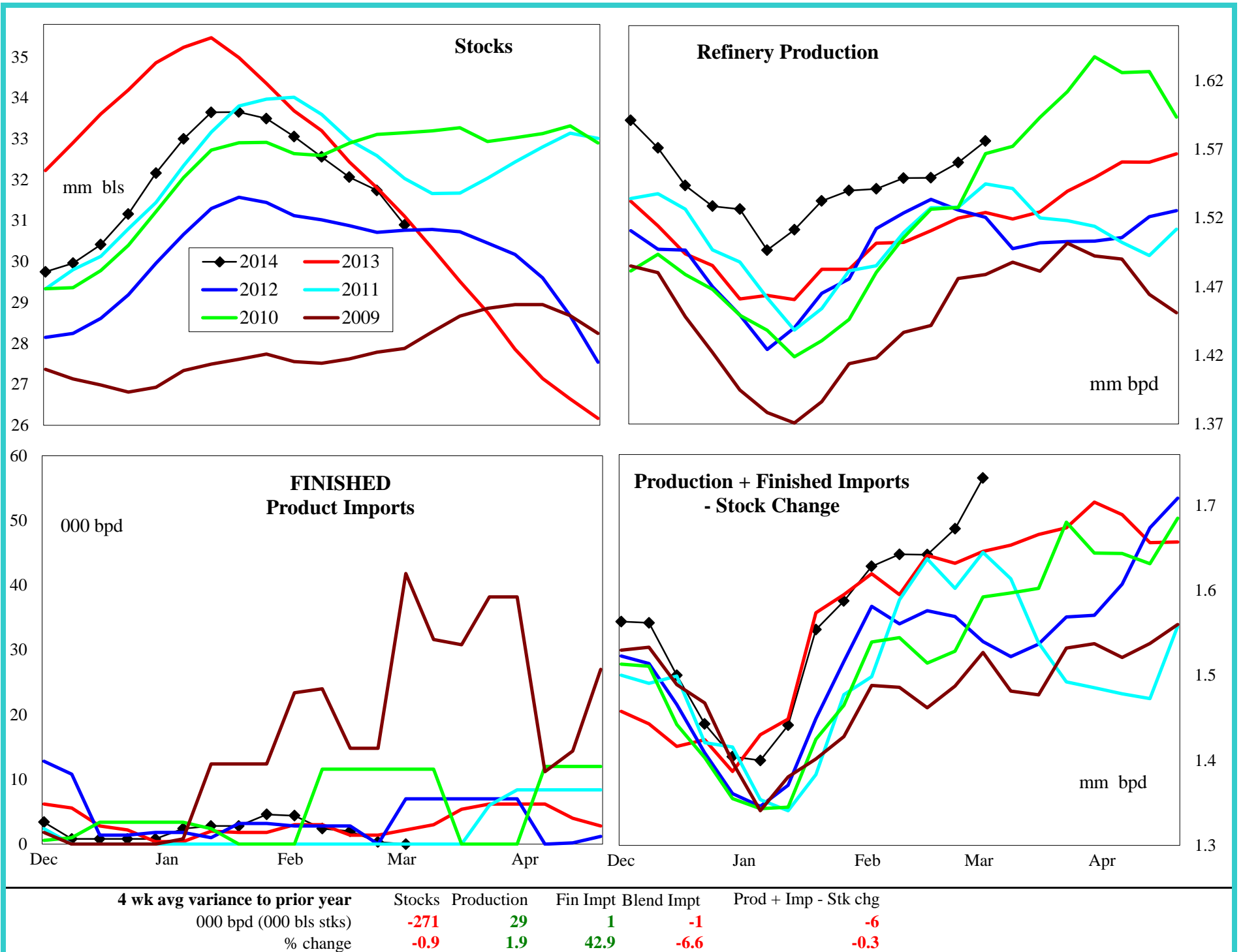
PADD 4 Residual Fuel Oil Supply



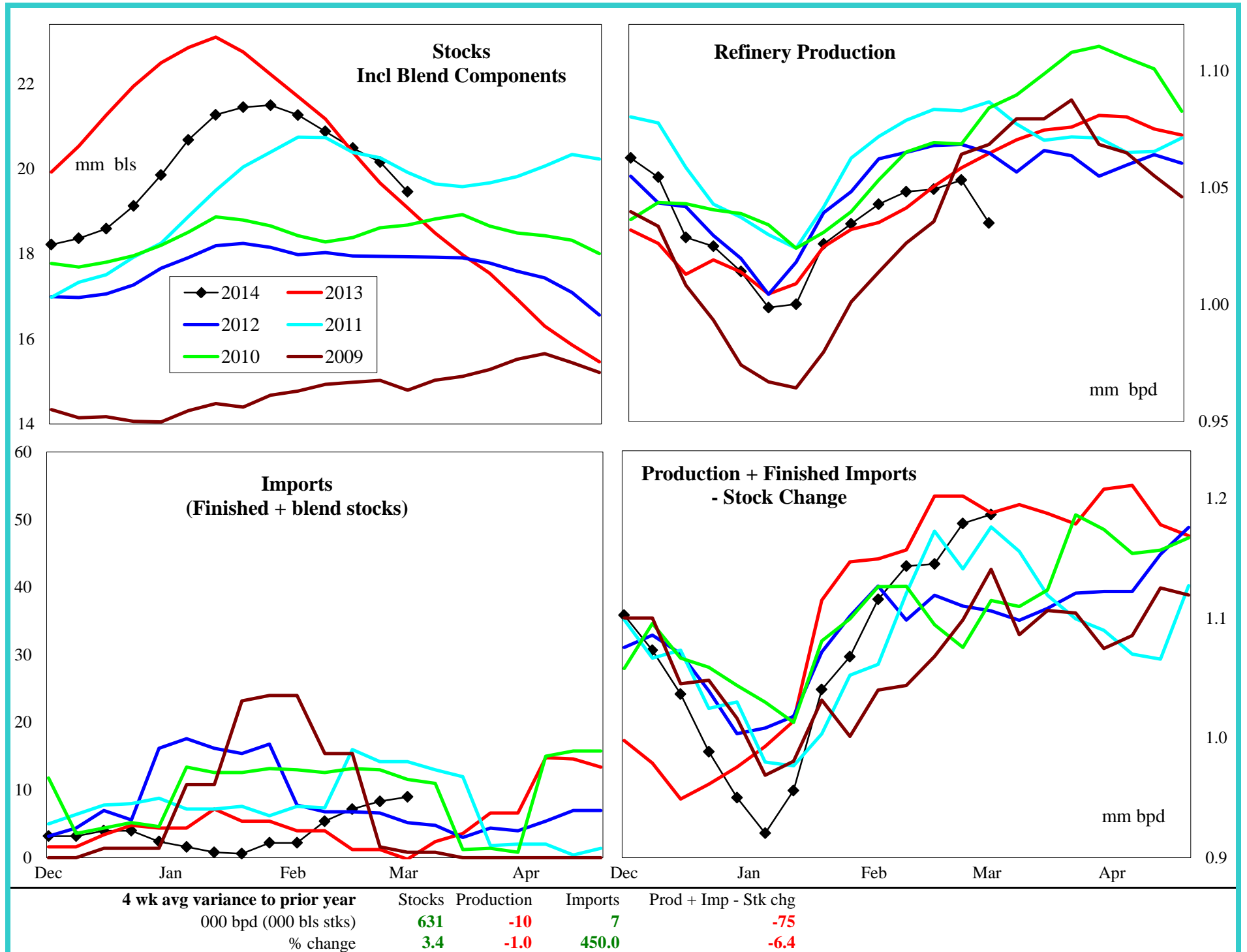
PADD 5 Crude Oil Supply and Refining



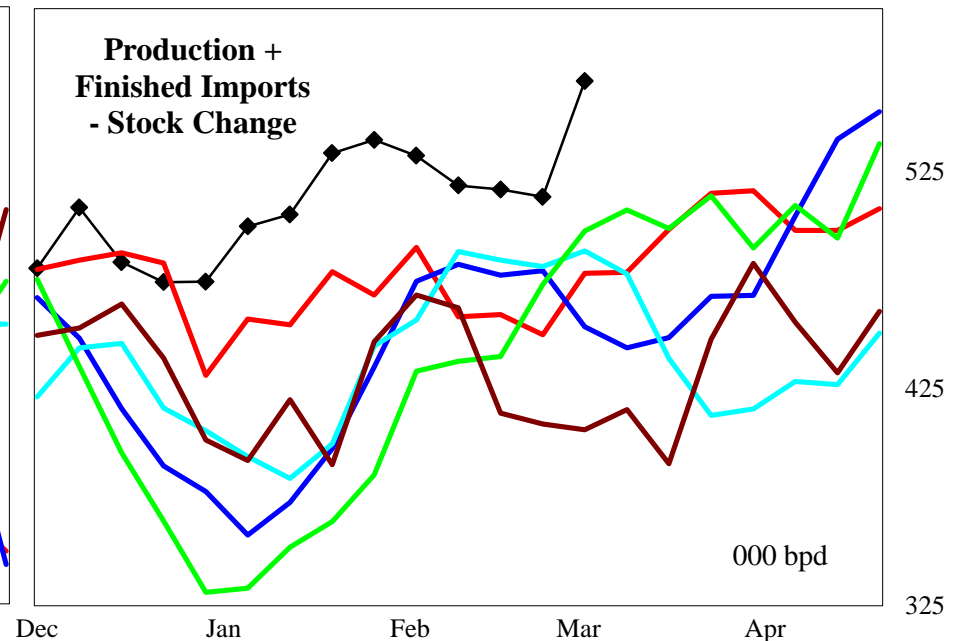
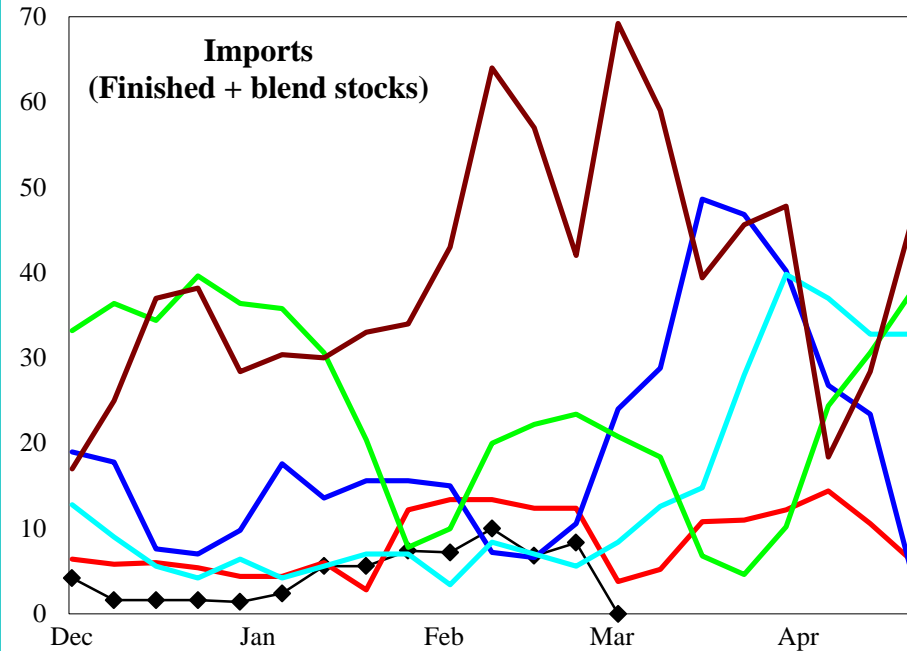
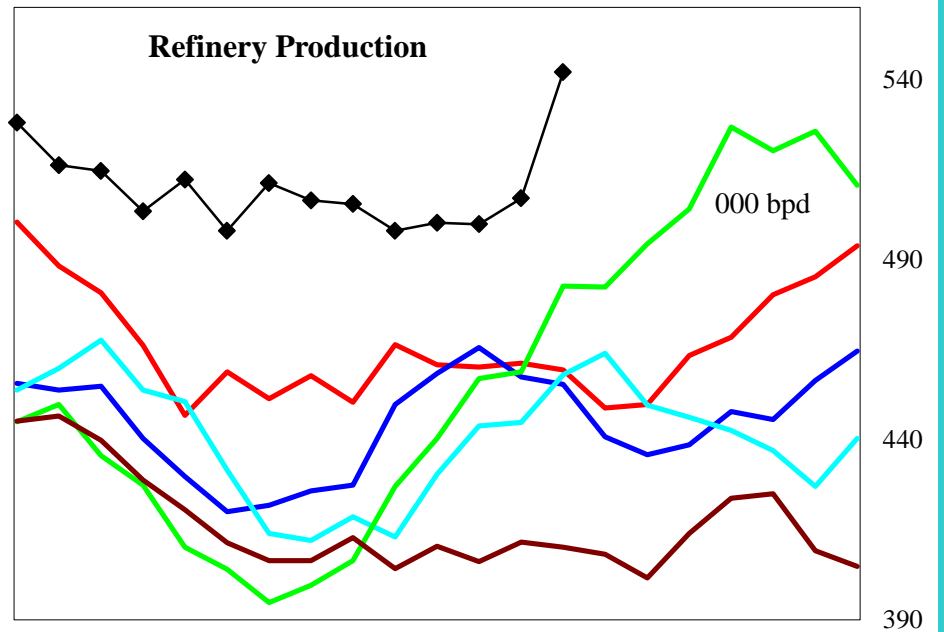
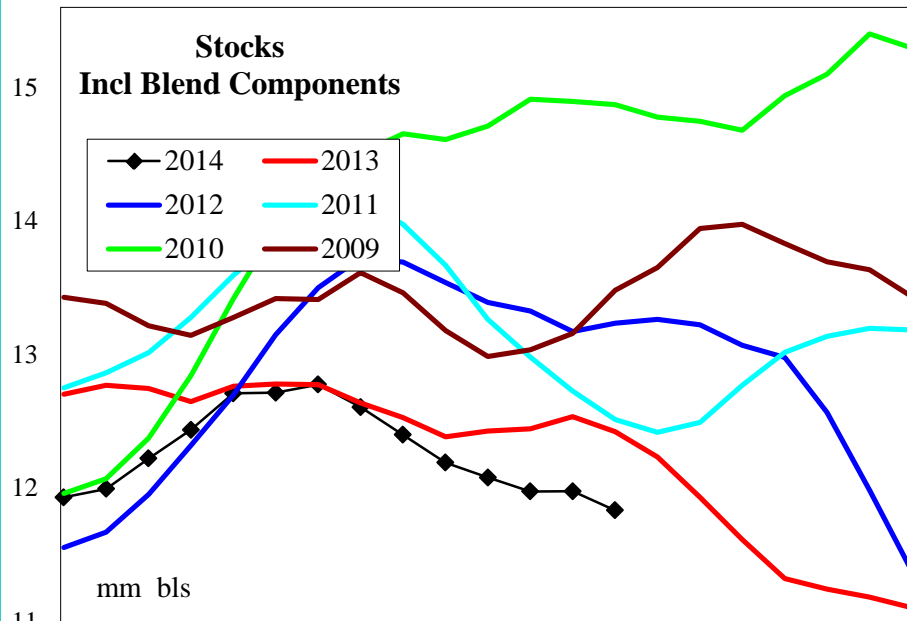
PADD 5 Gasoline Supply



PADD 5 Reformulated Gasoline Supply



PADD 5 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bbls stks)

% change

Stocks

-902

-7.2

Production

39

8.4

Imports

-7

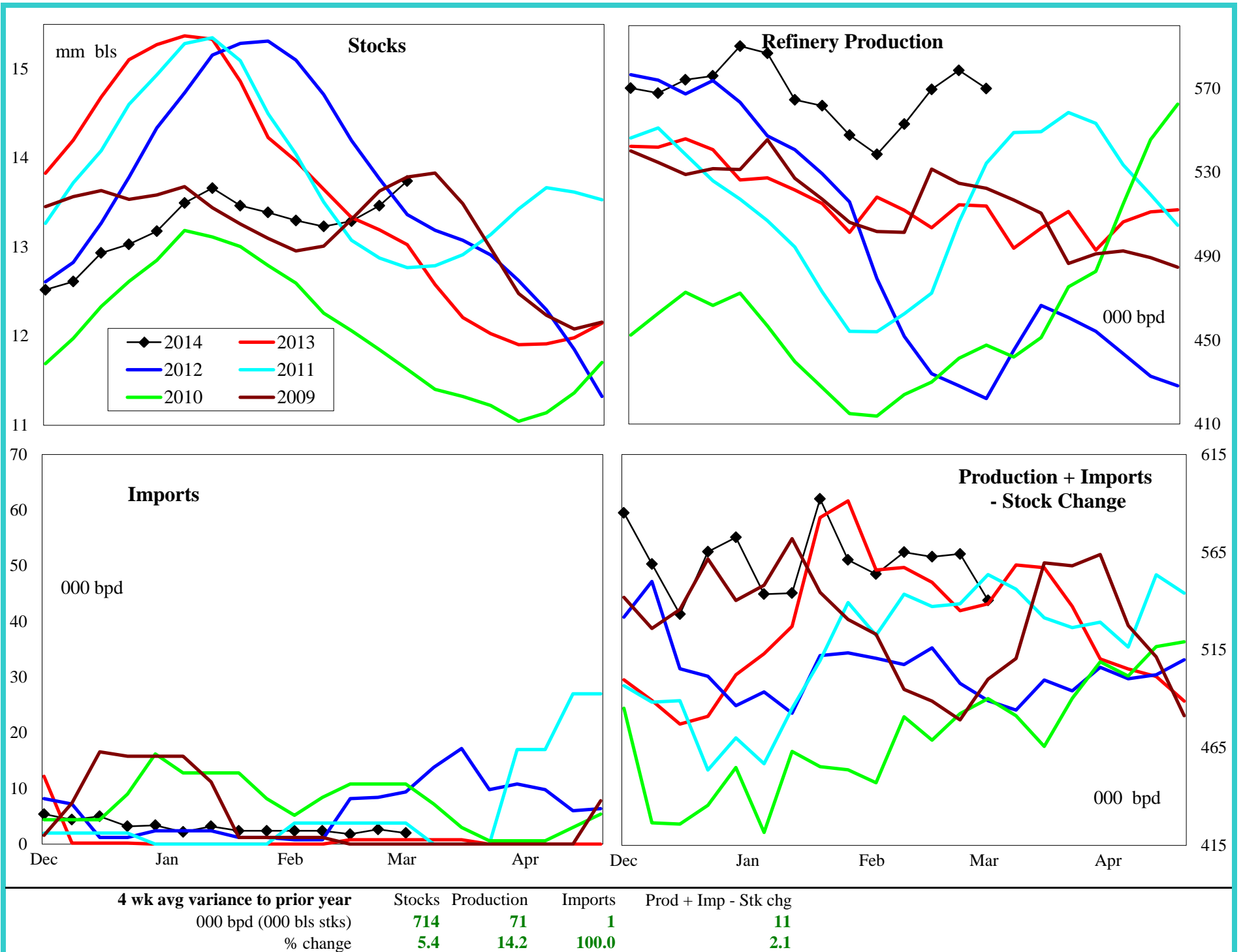
-45.2

Prod + Imp - Stk chg

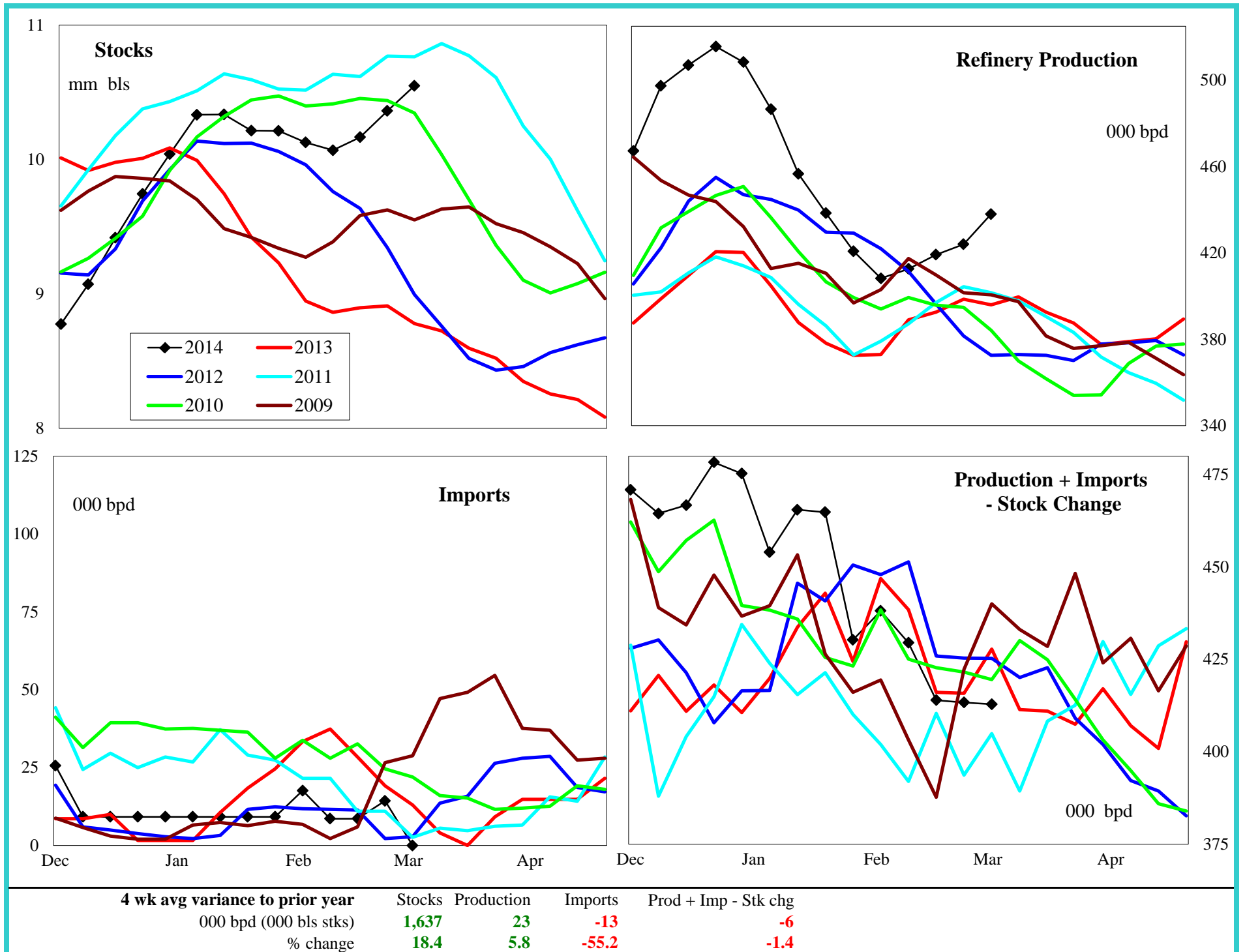
69

15.9

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

