



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

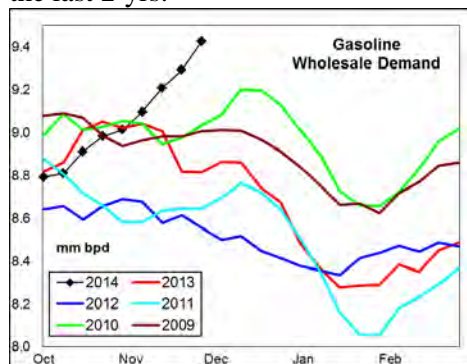
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, December 03,

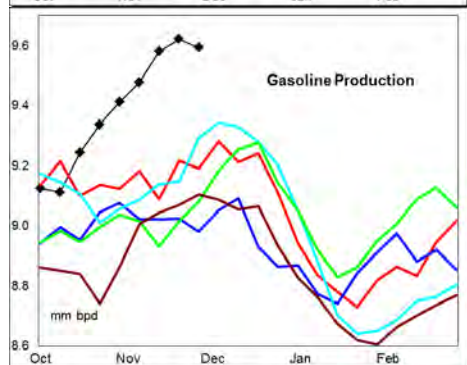
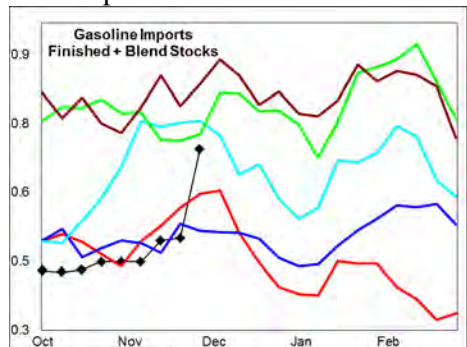


Major Fundamental Trends¹

Gasoline imports jumped +0.3 million bpd last week, to a level above each of the last 2-yr.



A high rate of imports, combined with record production should offset the recent upturn in wholesale demand.



Look for a near term drop in wholesale demand, leading to significant stock building during the month.

Distillate production matched historic highs last week, driven by a +0.4 million bpd increase in crude oil runs. Very weak exports and soft wholesale demand led to a +3 million barrel stock build. Look for continued

high production during the month to drive an above average rate of stock building. The increase in supply should lead to rapid declines in wholesale and retail prices across Midwest and Rocky Mountain regions which have seen extremely tight supply this fall.

Wholesale Demand for middle distillates plunged -546,000 bpd on the week, to a level that matched historic lows. Gasoline demand extended the recent uptrend, reaching a new record high.

Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +3.2%, distillate decreased -1.5%, jet fuel was unchanged, while residual fuel decreased -9%.

Stocks forward coverage: Gasoline demand coverage increased on a +2.1 million barrel stock build. Coverage ended the week at a level below the historic range.

Distillate coverage increased on a +3 million barrel stock build and sharp drop in wholesale demand. Coverage ended the week at a level that matched 3-yr highs for the period.

Jet fuel coverage remains extremely low on very low stocks and high demand. Coverage ended the week well below the 5-yr range.

Residual fuel oil coverage matched historic highs even with a -1.1 million barrel stock draw for the week.

Refinery utilization rates increased on a +399,000 bpd rise in crude oil runs last week, concentrated in the Gulf and Midwest regions. During the latest 4-wk period crude oil input was +366,000 bpd above a year ago.

Gasoline yield % on crude oil runs fell last week on a -48,000 bpd decrease in output compared to the +399,000 bpd increase in crude oil runs. Yield % on crude oil runs ended the week near the 2-yr average.

Distillate yield % on crude oil runs was little changed, on a +128,000 bpd increase in output compared to the increase in crude oil runs. The yield %

on crude oil runs remains below each of the last 3-yr for the week.

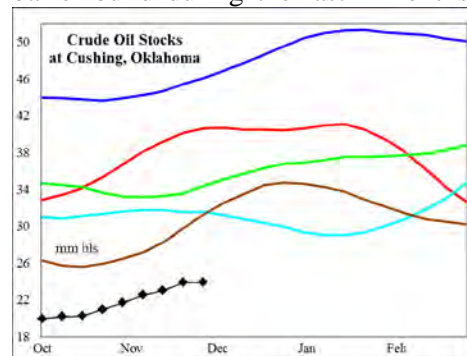
Jet fuel yield % on crude oil runs was little changed last week on a +20,000 bpd increase in output compared the large increase in crude oil runs. The yield % was above the 5-yr range for the week.

Petroleum Imports/Exports: Imports of crude oil decreased -0.2 million bpd last week, while gasoline imports jumped +0.3 million bpd.

During the latest 4-wk period crude oil imports were -0.5 million bpd below last year; distillate imports were -53,000 bpd lower; finished gasoline imports were +4,000 bpd higher; gasoline blend stock imports were -59,000 bpd lower, jet fuel imports increased +4,000 bpd, and residual fuel imports increased +28,000 bpd.

Exports of distillate for the week ending 24Oct14 were -25,000 bpd below a year ago, gasoline +44,000 bpd higher, jet fuel +20,000 bpd higher and residual fuel oil was unchanged.

Crude Oil stocks declined -3.7 million barrels on the week, including a -0.7 million barrel draw in Cushing last week. Cushing has seen a +5 million barrel build during the last 2-months.



During the last 3-yr, crude oil stocks saw an average -10 million barrel stock draw, during December. Expect a similar draw this year during the month.

¹ Source is latest EIA Weekly Statistics



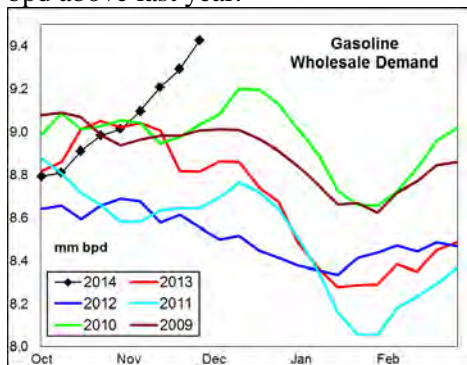
WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

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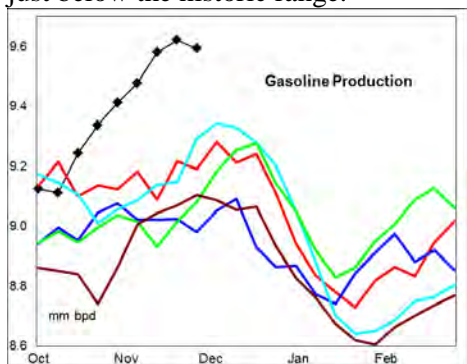
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Product Supply-Demand Trends

Gasoline wholesale demand increased +171,000 bpd on the week, to a level well above the 5-yr range. The latest 4-wk average demand was +285,000 bpd above last year.



Supply increased +236,000 bpd last week on a surge in imports. Supply for the latest 4-wk period exceeded a year ago by +282,000 bpd on higher production. Stocks increased +2.1 million barrels on the week, to a level just below the historic range.

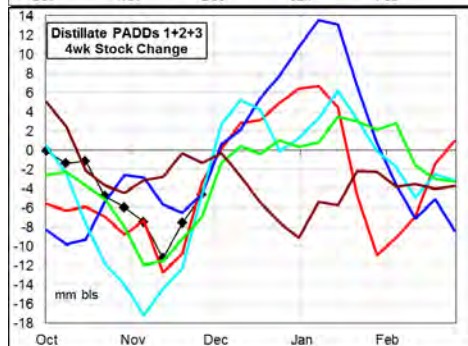
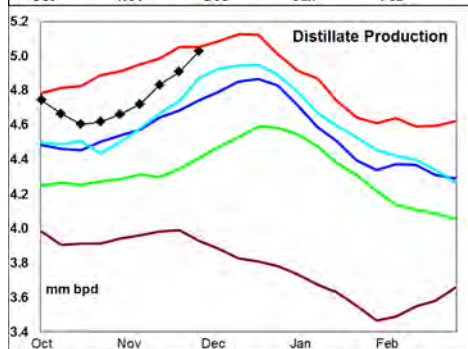
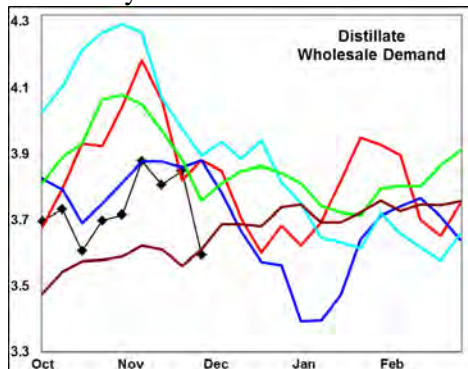


Look for significant stock builds in the near term as refiners operate at very high rates following maintenance of downstream units. Regional markets should see much improved supply balance in the near term on high production rates.

Distillate wholesale demand plunged -546,000 bpd last week, to a level matching historic lows. The latest 4-wk average demand was -61,000 bpd below last year.

Supply increased +122,000 bpd on higher production. Production was -111,000 bpd below last year for latest 4-wk period, with imports -53,000 bpd lower. Stocks jumped +3 million barrels on the week, to a level above

the last 2-yrs.

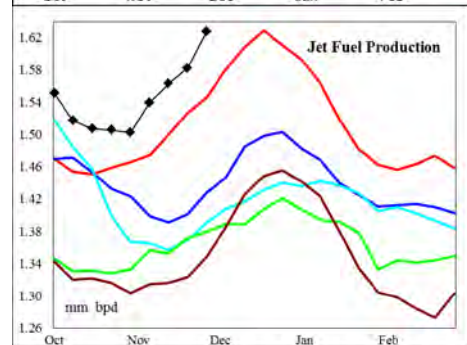
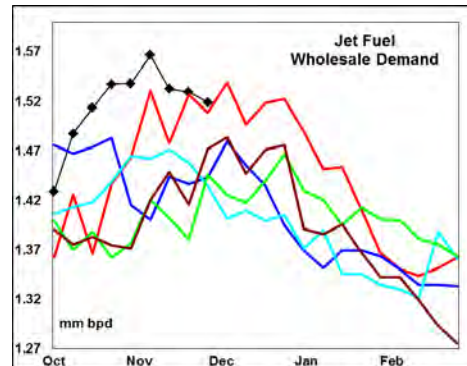


The latest 4-wk stock change in markets East of the Rockies was a -4.6 barrel draw, equal to the 3-yr average.

Wholesale demand remains very weak, reflecting lower weekly exports. Production has increased to match year ago highs. Soft demand and higher production has led to the first significant stock build of the winter quarter.

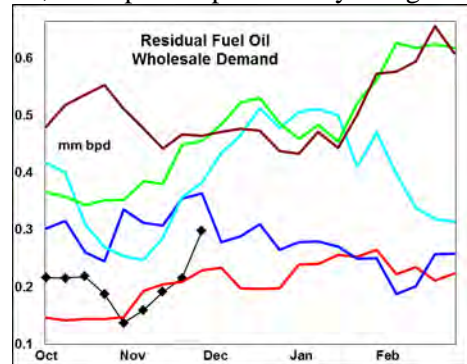
Jet Fuel wholesale demand decreased -65,000 bpd on the week, with the 4-wk average unchanged from last year. Production for the most recent 4-wk period was +75,000 bpd above last year. Imports were +4,000 bpd higher.

Stocks increased +0.1 million barrels last week, although the level remains extremely low.



Look for peak seasonal demand to offset rising production and imports so that stock levels remain very low.

Residual fuel oil demand increased +68,000 bpd on the week. Demand for the latest 4-wk period declined -23,000- bpd compared to a year ago.



Supply (production + imports) fell -123,000 bpd on the week, driven by lower imports. Stocks fell -1.1 million barrels to a level near the 3-yr mid range.

The Gulf residual fuel oil market continues to hold record stocks even with extremely low imports and production.



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

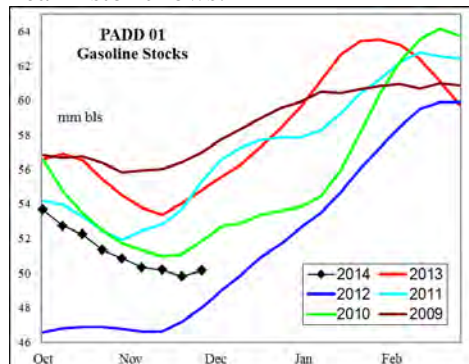
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PADD Supply Trends

PADD 1 refinery crude oil runs were +17% above the last 2-yr for the latest 4-wk period.

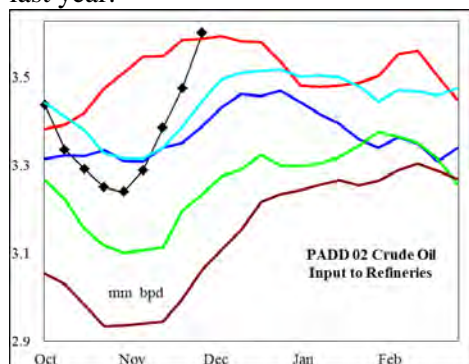
Gasoline supply jumped +291,000 bpd on higher imports, with the 4-wk average +58,000 bpd above last year. Stocks increased +0.7 million barrels last week, although the level remains near historic lows.



Distillate supply was unchanged last week, with the 4-wk average -31,000 bpd below last year. Stocks were nearly unchanged at a level that matched historic lows.

Jet fuel supply decreased -35,000 bpd last week; although the 4-wk average was +57,000 bpd above last year. Stock levels remain very low.

PADD 2 crude oil refinery runs increased +141,000 bpd on the week, to match historic highs. The latest 4-wk average was -137,000 bpd below last year.



Crude oil stocks decreased -0.4 million barrels last week, with the level -10.4 million barrels below a year ago. Cushing saw a -0.7 million barrel stock draw on the week.

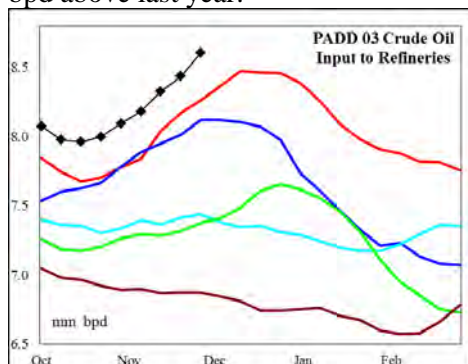
Gasoline supply decreased -16,000 bpd on the week. Production for the

most recent 4-wk period was -23,000 bpd below a year ago. Stocks increased +0.6 million barrels on the week, the first meaningful build of winter quarter.

Distillate supply increased +86,000 bpd on the week, to a record high level for the winter quarter. Stocks increased +1.8 million barrels, although the level remains below the historic range.

Jet fuel production increased +42,000 bpd on the week, to a record high level. Stocks increased +0.6 million barrels, although the level remains below the historic range.

PADD 3 refinery runs climbed +276,000 bpd on the week, to a record high level. During the latest 4-wk period, average runs were +244,000 bpd above last year.



Crude oil stocks decreased -1.6 million barrels last week, ending at a record level for the period. Imports decreased -0.1 million bpd on the week, to a level -18% below a year ago.

Gasoline supply increased +33,000 bpd last week, with the latest 4-wk average +96,000 bpd above a year ago. Stocks increased +0.7 million barrels on the week, to a level above the 5-yr range for this time of year.

Distillate supply increased +30,000 bpd on the week, with the latest 4-wk average supply -195,000 bpd below a year ago. Stocks increased +0.2 million barrels on the week, to a level +8% above last year.

Jet fuel production decreased -19,000 bpd on the week, although the level remains above the historic range. Stocks fell -0.8 million barrels to a

level below the historic range.

Residual fuel supply declined -51,000 bpd last week on a lack of imports. Stock levels remain +14% above last year.

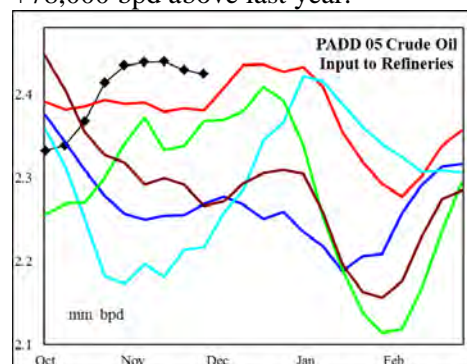
PADD 4 refinery crude runs increased +6,000 bpd last week, to a record high level for the season, with the latest 4-wk average was +16,000 bpd above a year ago.

Gasoline production was unchanged for the week, with the latest 4-wk average -7,000 bpd below last year. Stock levels ended the week at a level above the 5-yr range.

Distillate supply decreased -4,000 bpd last week, with the latest 4-wk production +35,000 above last year. Stock levels were also above the 5-yr range.

Jet fuel production jumped +11,000 bpd to a record high, while stock levels ended the week below the mid range.

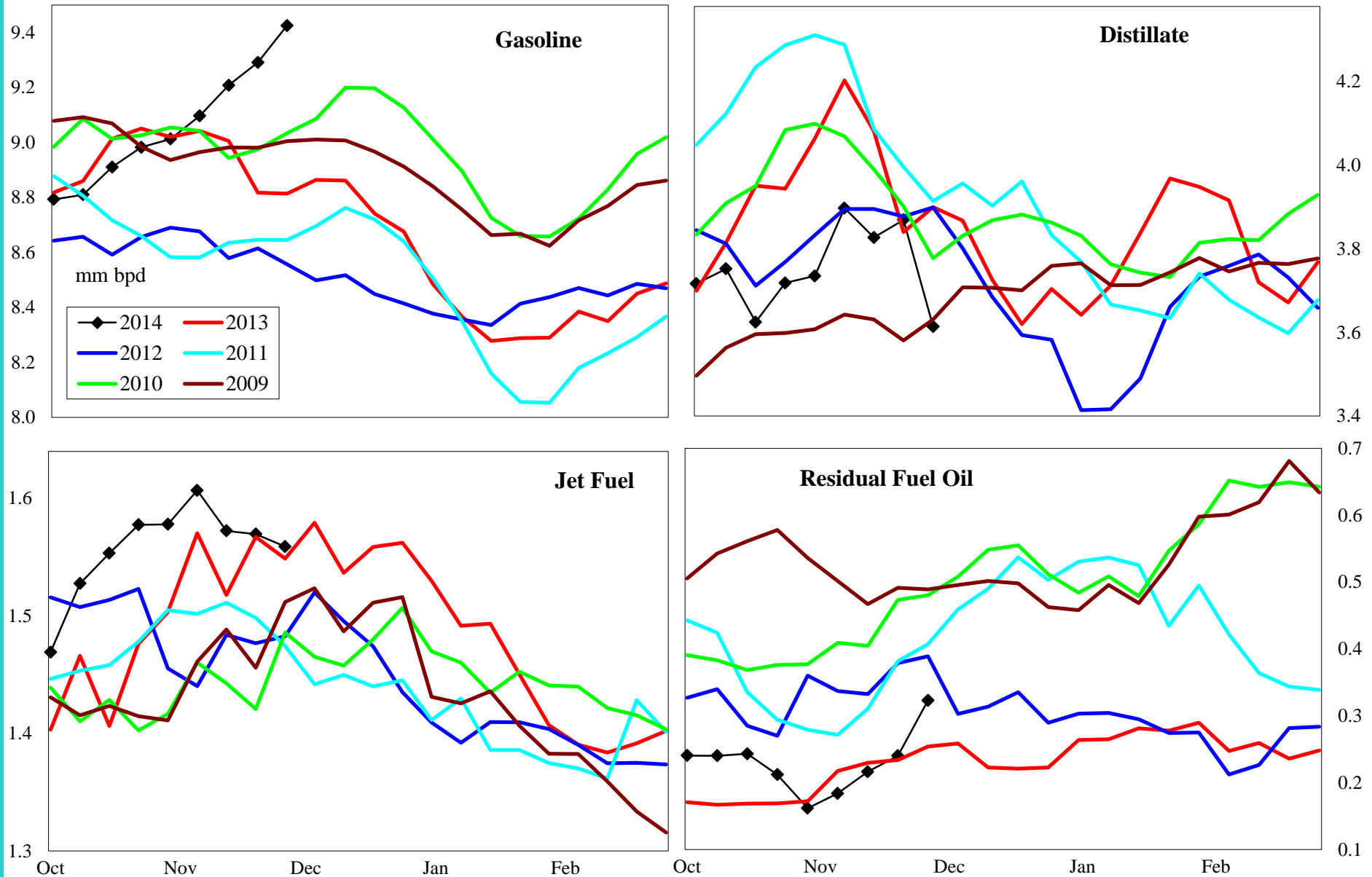
PADD 5 crude oil refinery runs decreased -5,000 bpd last week, ending at a level above the 5-yr range for the period. The 4-wk run rate was +78,000 bpd above last year.



Gasoline supply decreased -78,000 bpd on the week, with the 4-wk average -56,000 bpd below a year ago. Stocks decreased -0.2 million barrels on the week, ending at a level near historic lows.

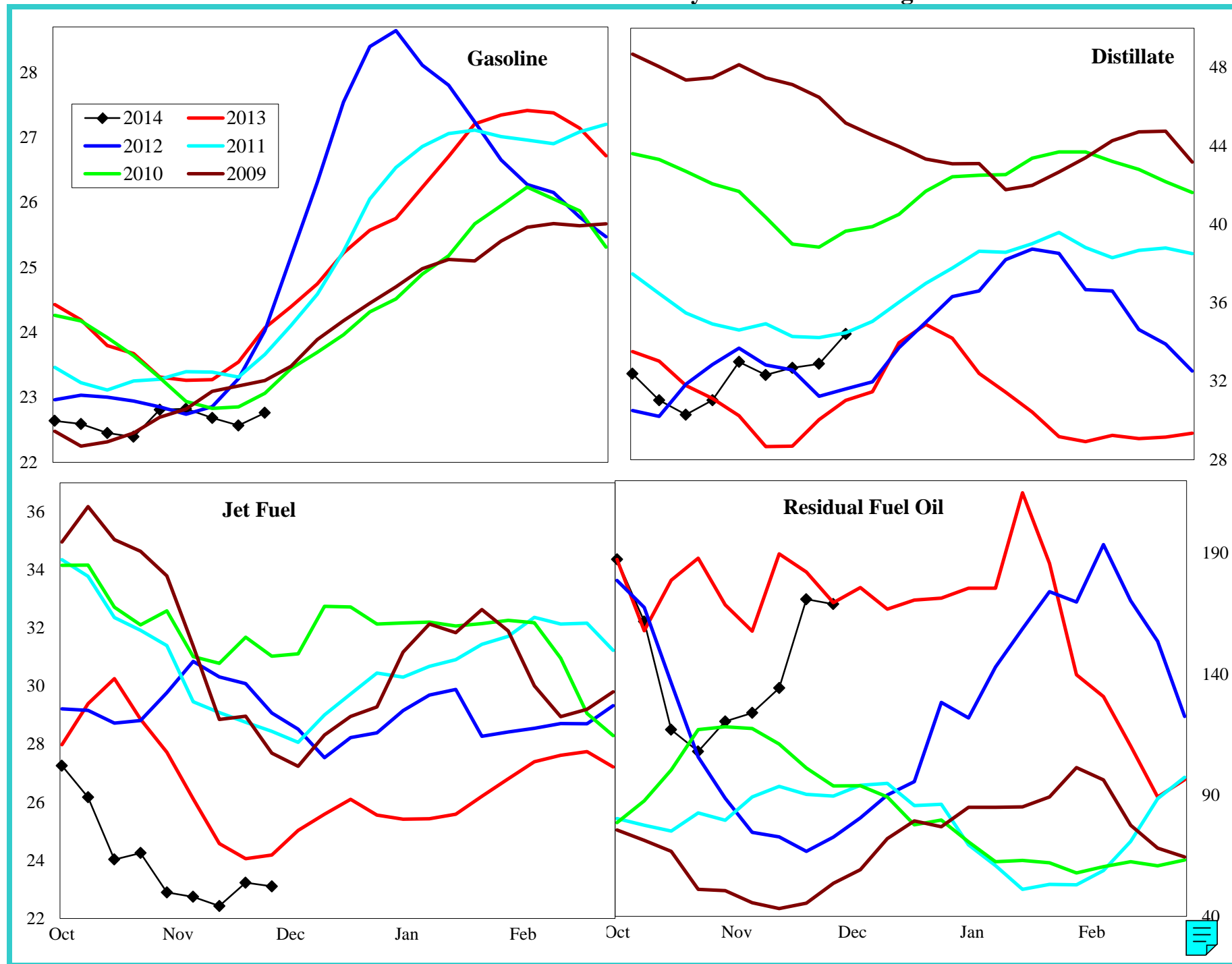
Distillate supply increased +5,000 bpd on the week, with production at a record high for the season. The 4-wk average supply was +52,000 bpd above a year ago. Stocks jumped +0.8 million barrels on the week, ending at a level near the 3-yr mid range.

United States Wholesale Petroleum Demand

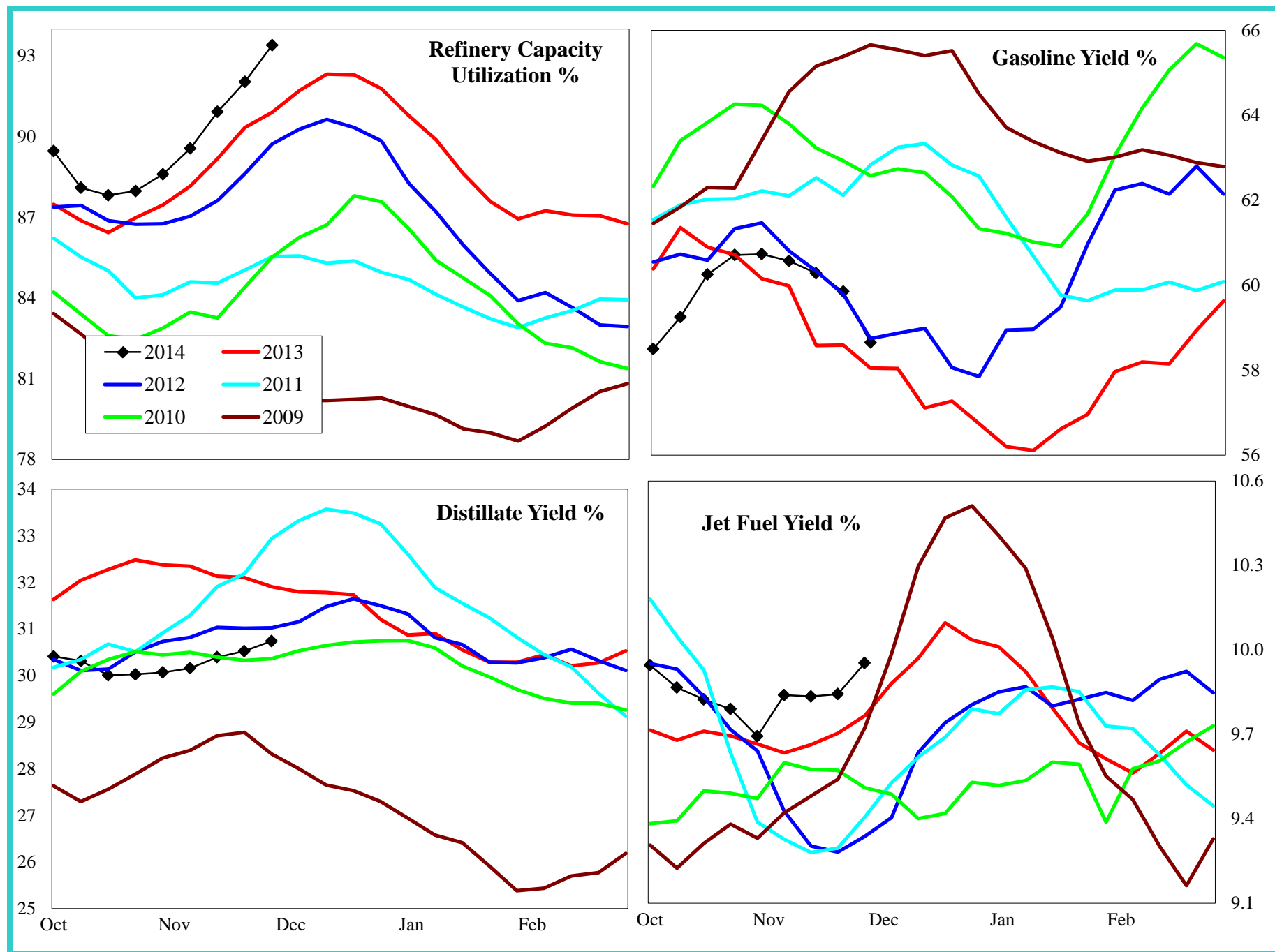


	000 bpd change from prior year				% change from prior year			
	4wk avg	Oct	Sep	Aug	4wk avg	Oct	Sep	Aug
Gasoline	285	156	-220	199	3.2	1.8	-2.5	2.2
Distillate	-61	-489	86	90	-1.5	-11.9	2.3	2.4
Jet Fuel	-1	79	32	-9	-0.1	5.4	2.3	-0.6
Resid	-23	-78	-82	-190	-9.3	-25.6	-23.5	-47.1

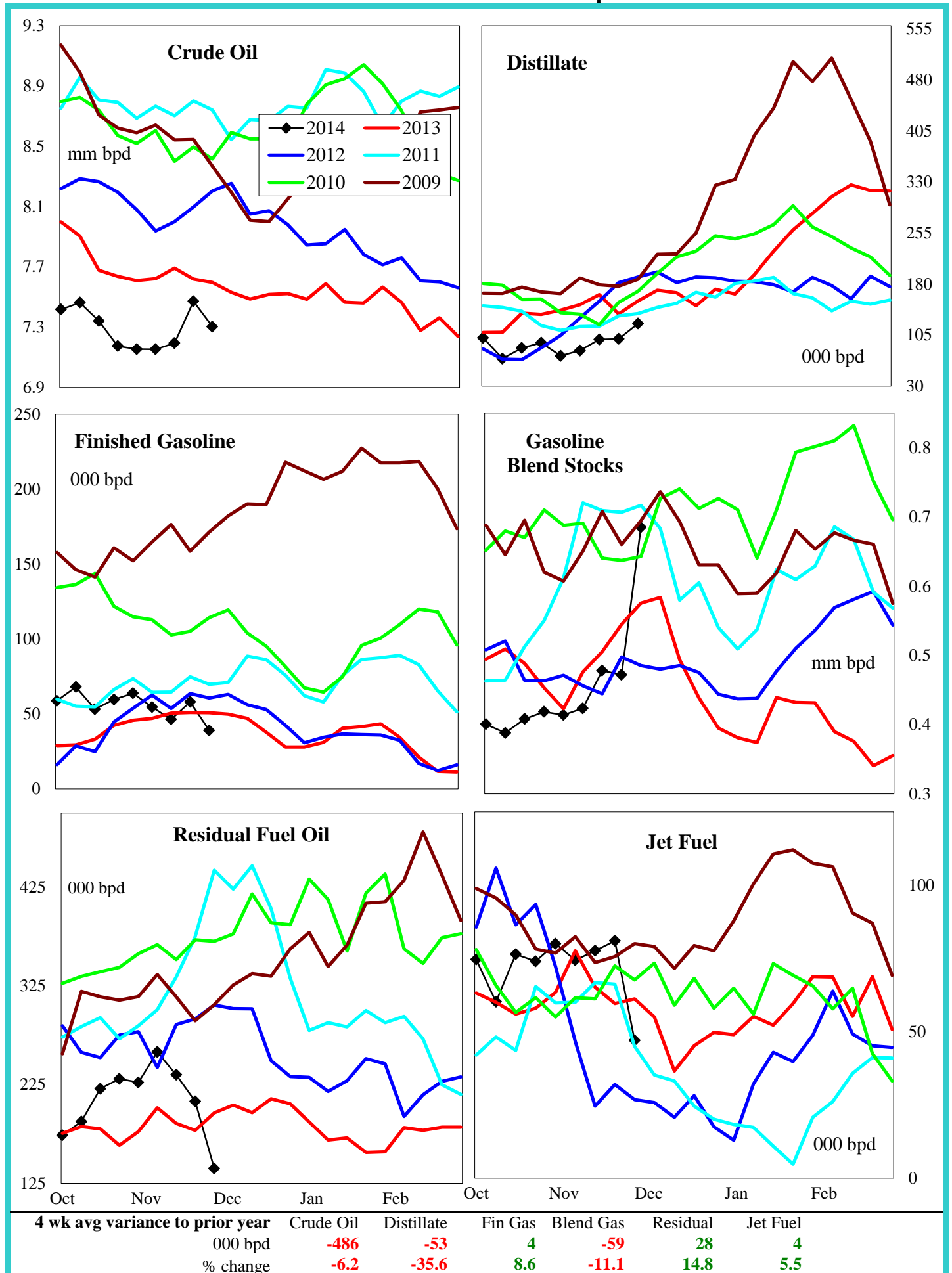


United States Product Stocks: Days Forward Coverage

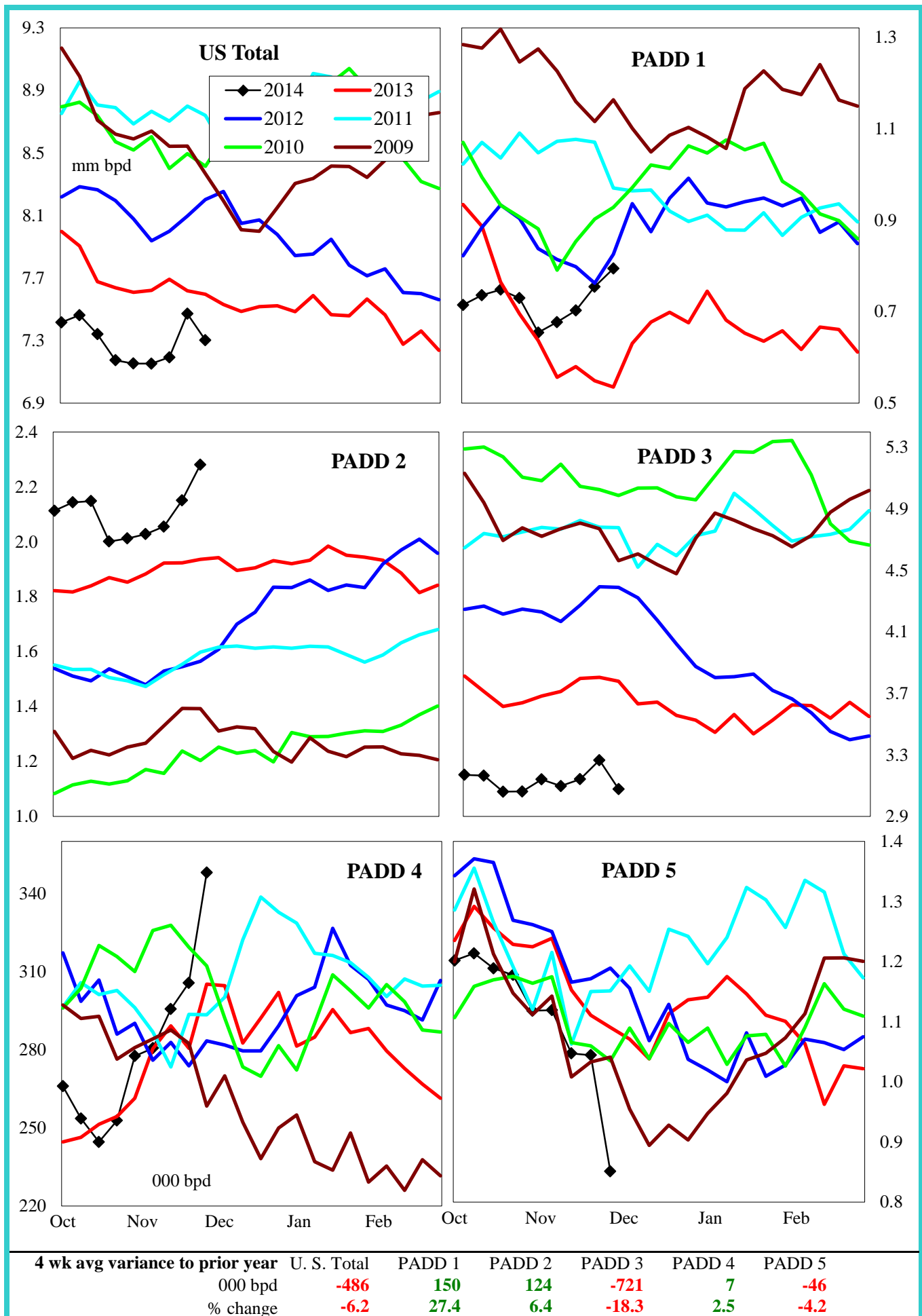
United States Refinery Percent Utilization Rate and Product Yields



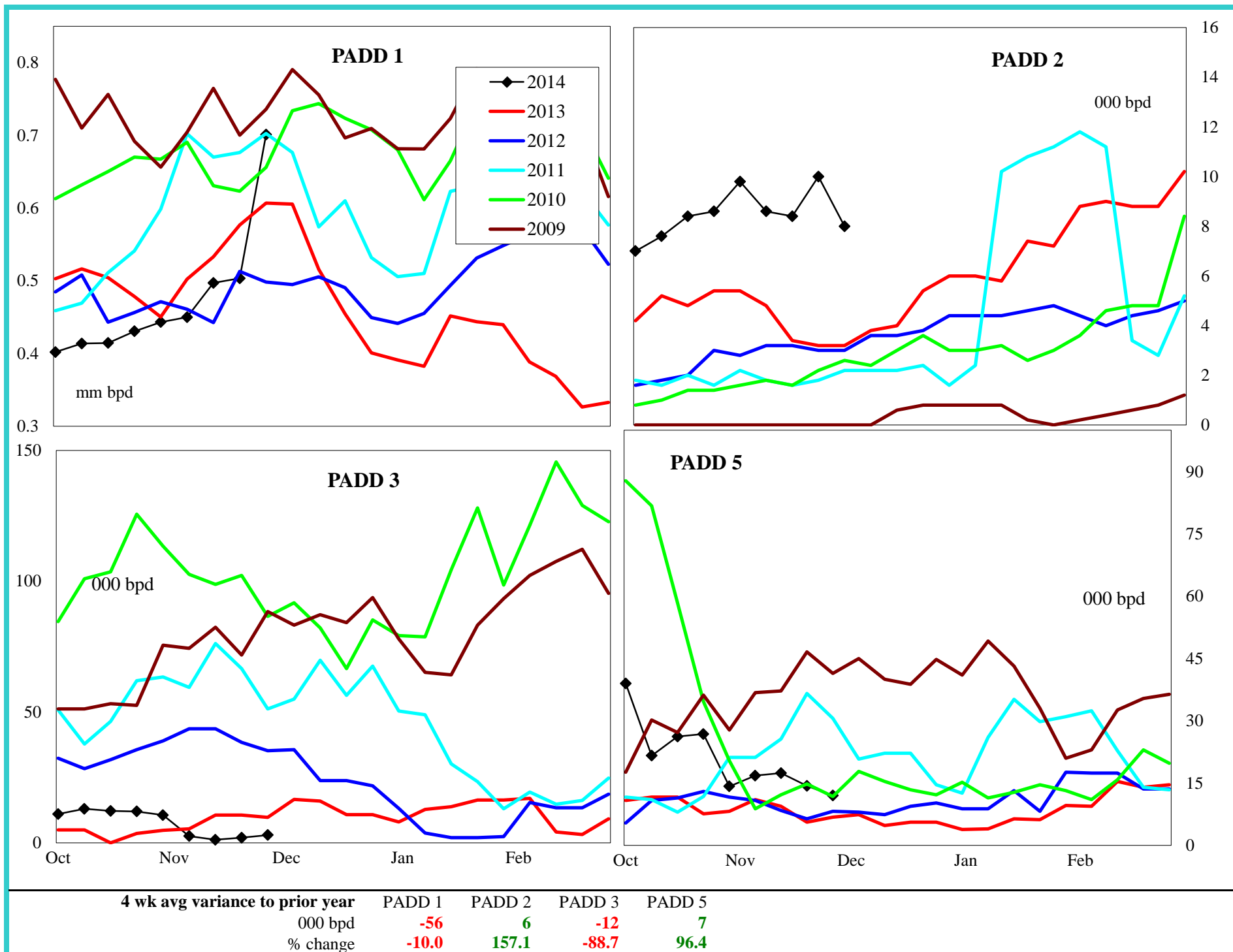
United States Petroleum Imports



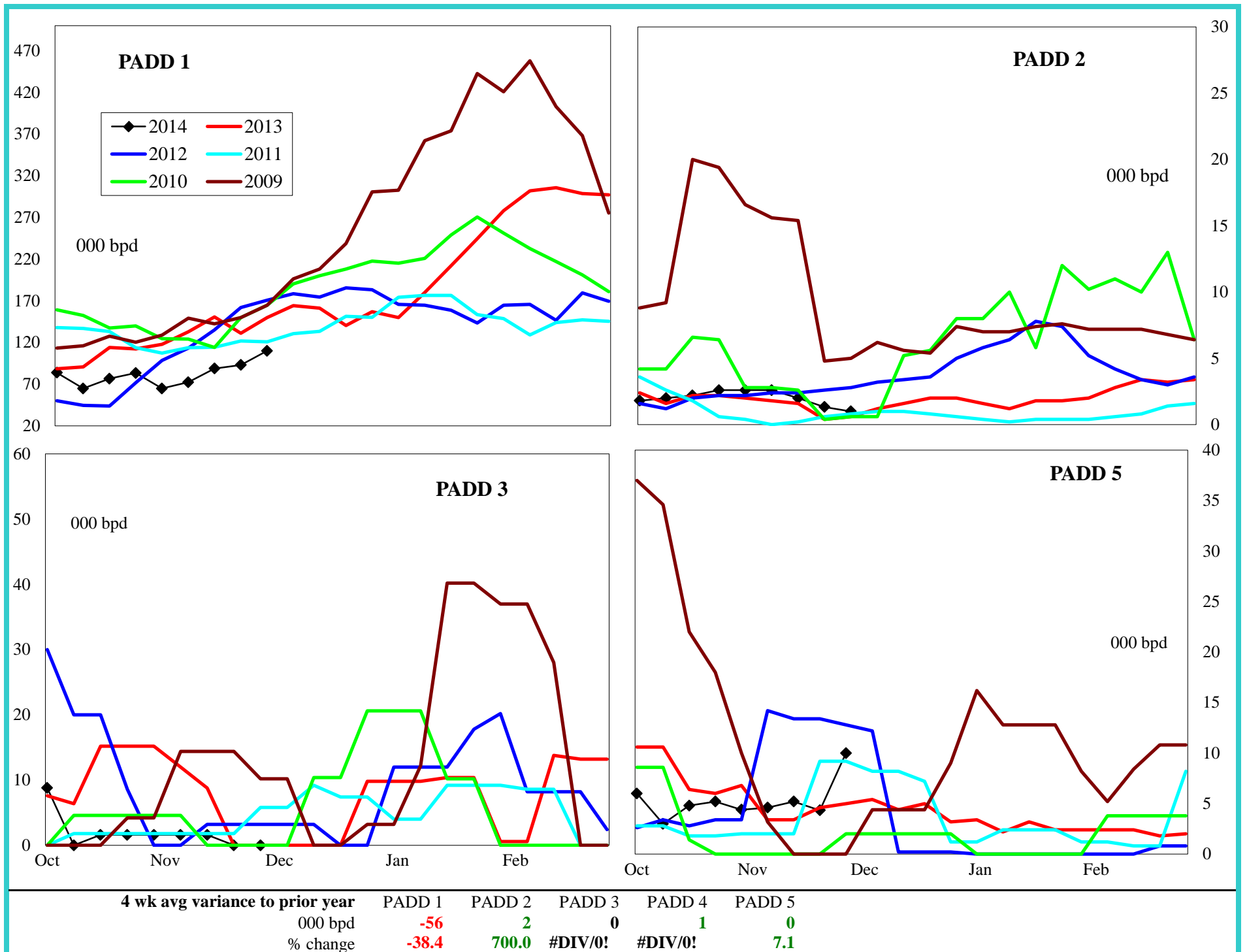
Crude Oil Imports by PADD



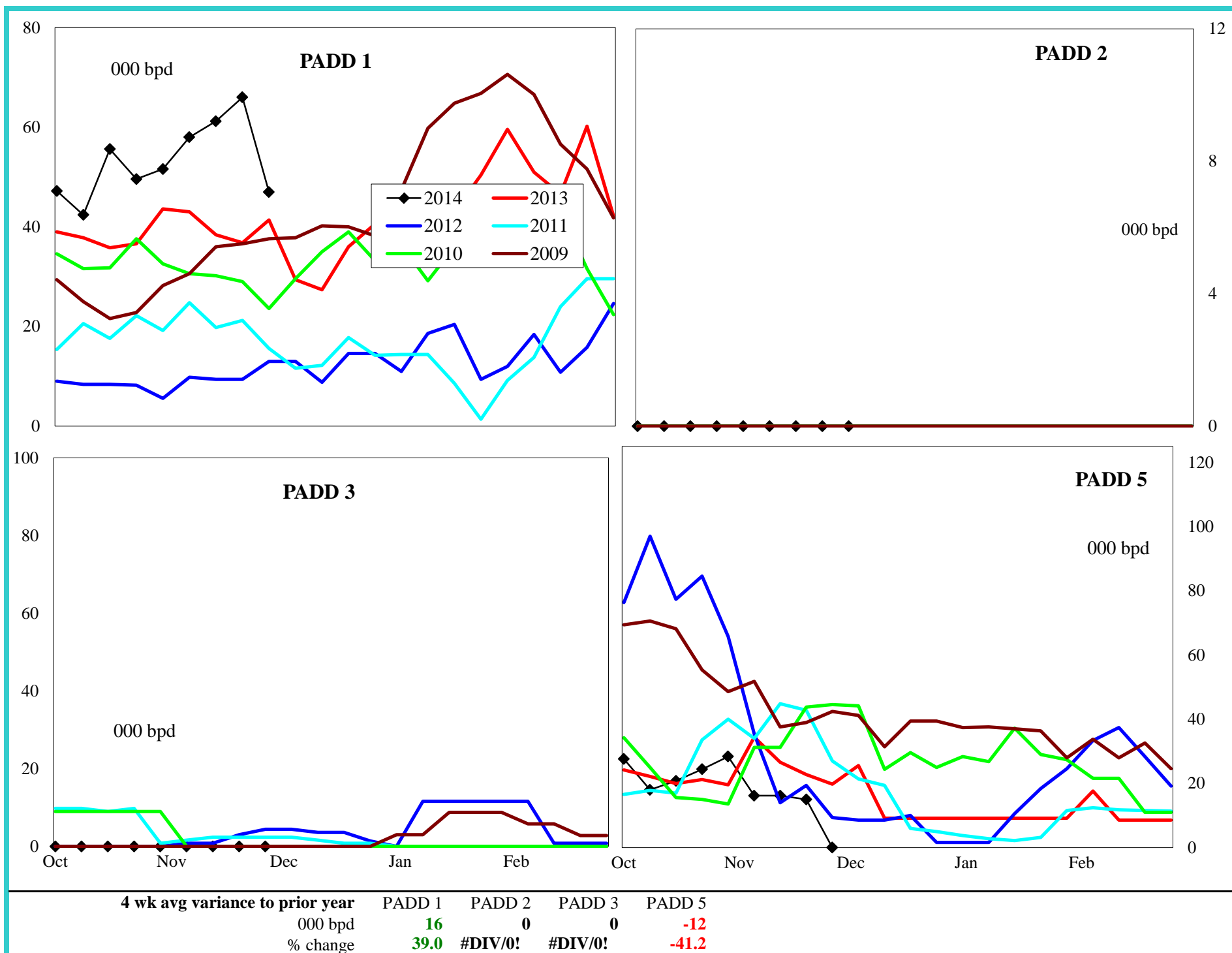
Gasoline Imports by PADD (Finished + Blend Stocks)



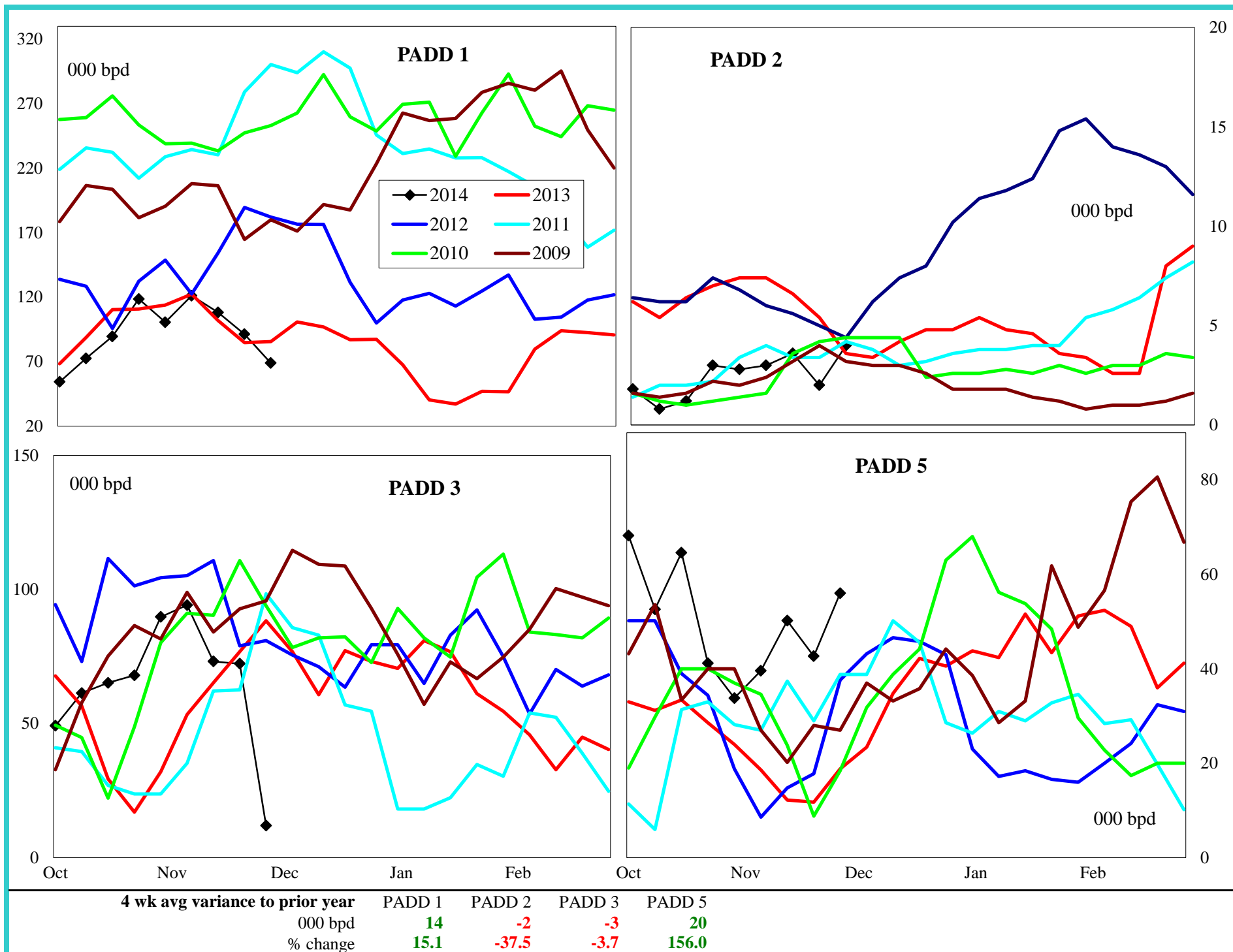
Distillate Imports by PADD



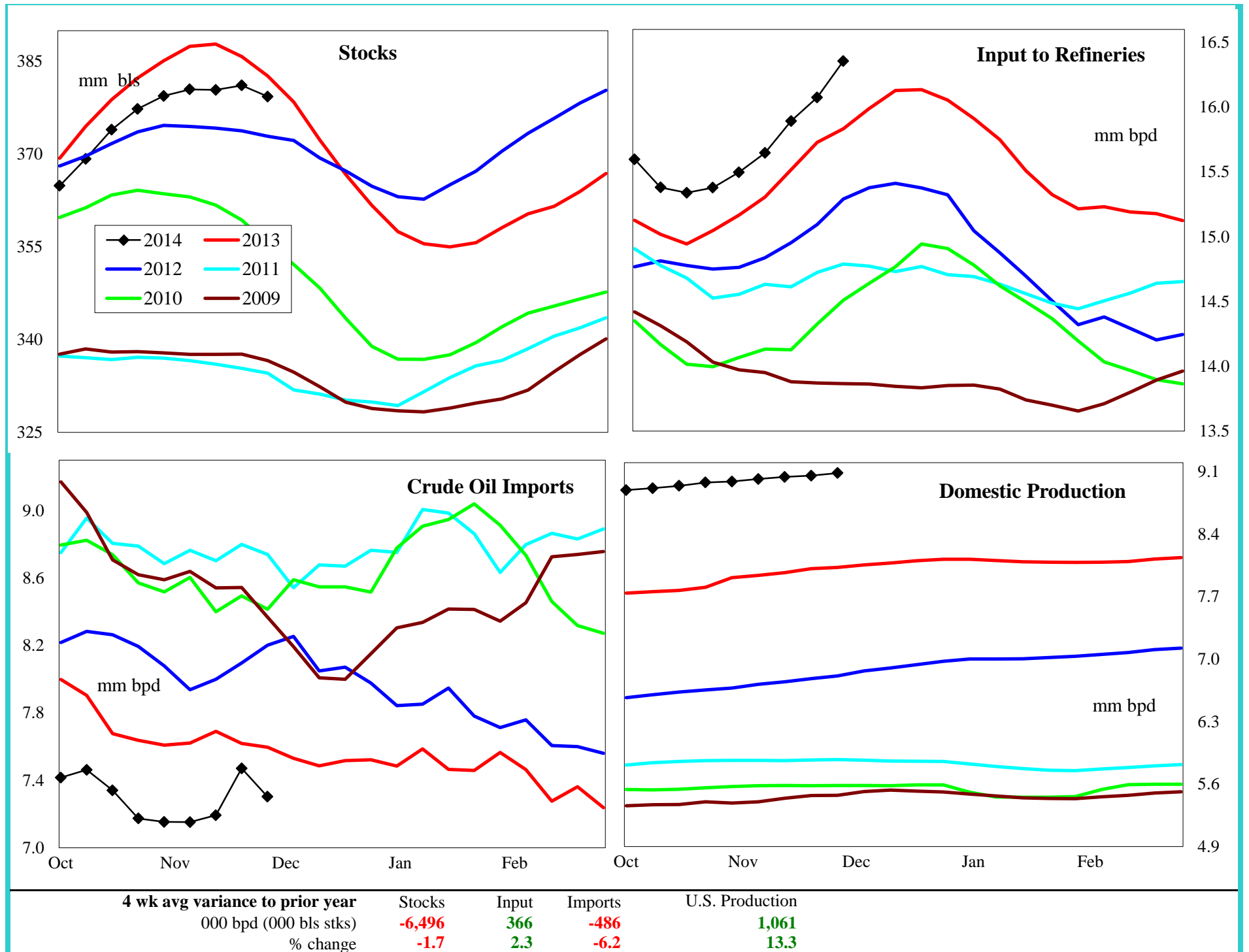
Jet Fuel Imports by PADD



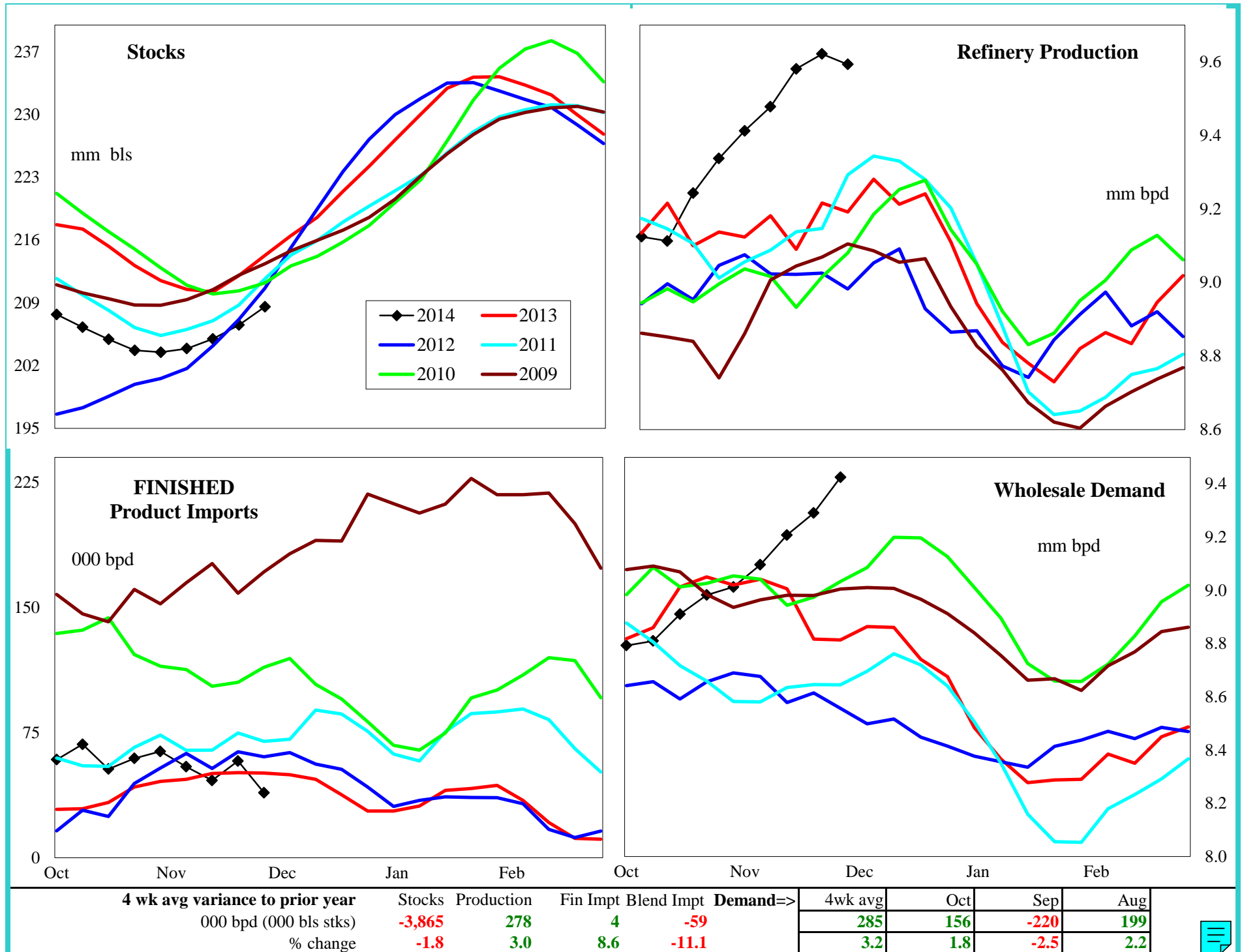
Residual Fuel Oil Imports by PADD



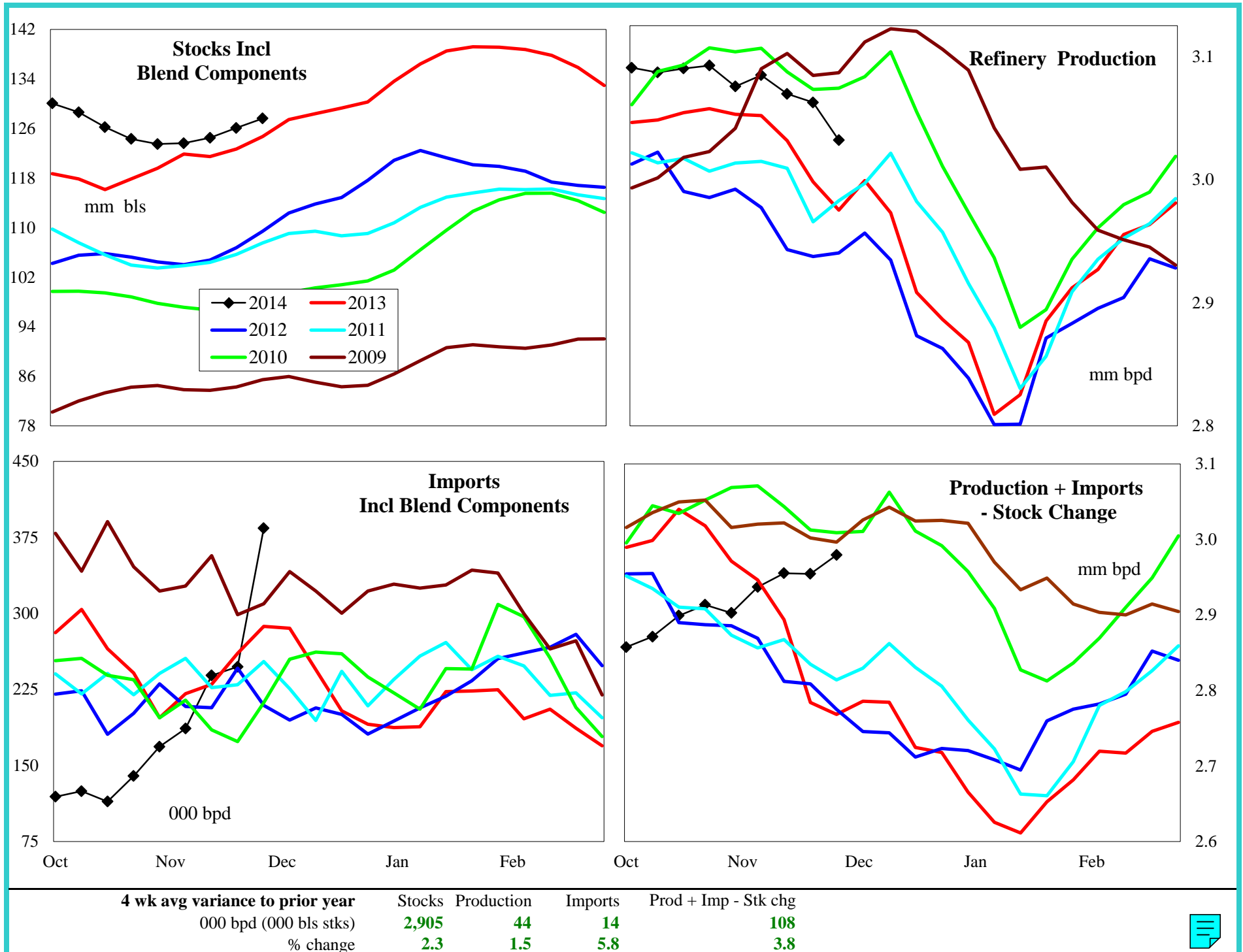
United States Crude Oil Supply and Demand Balance



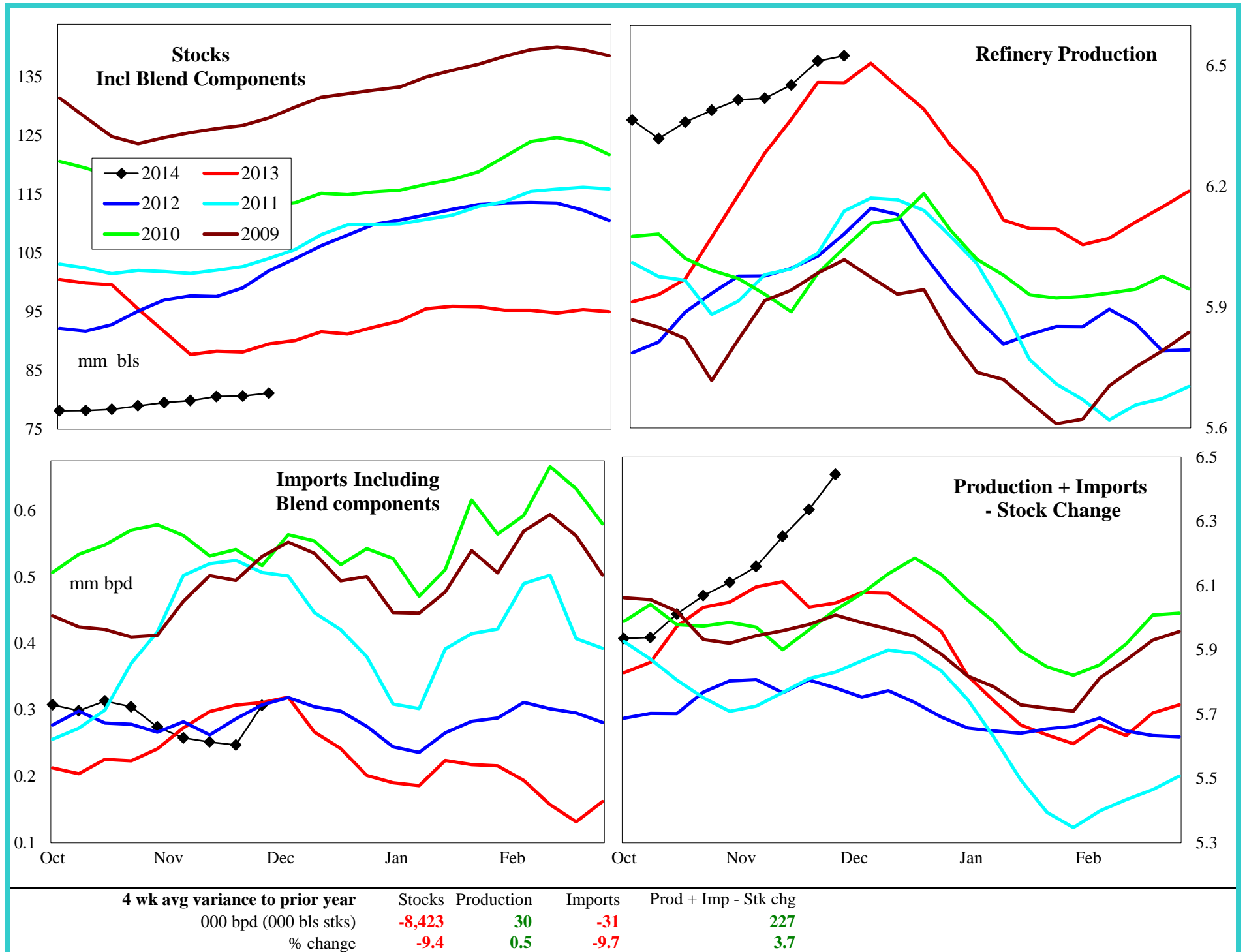
United States Gasoline Supply and Demand Balance



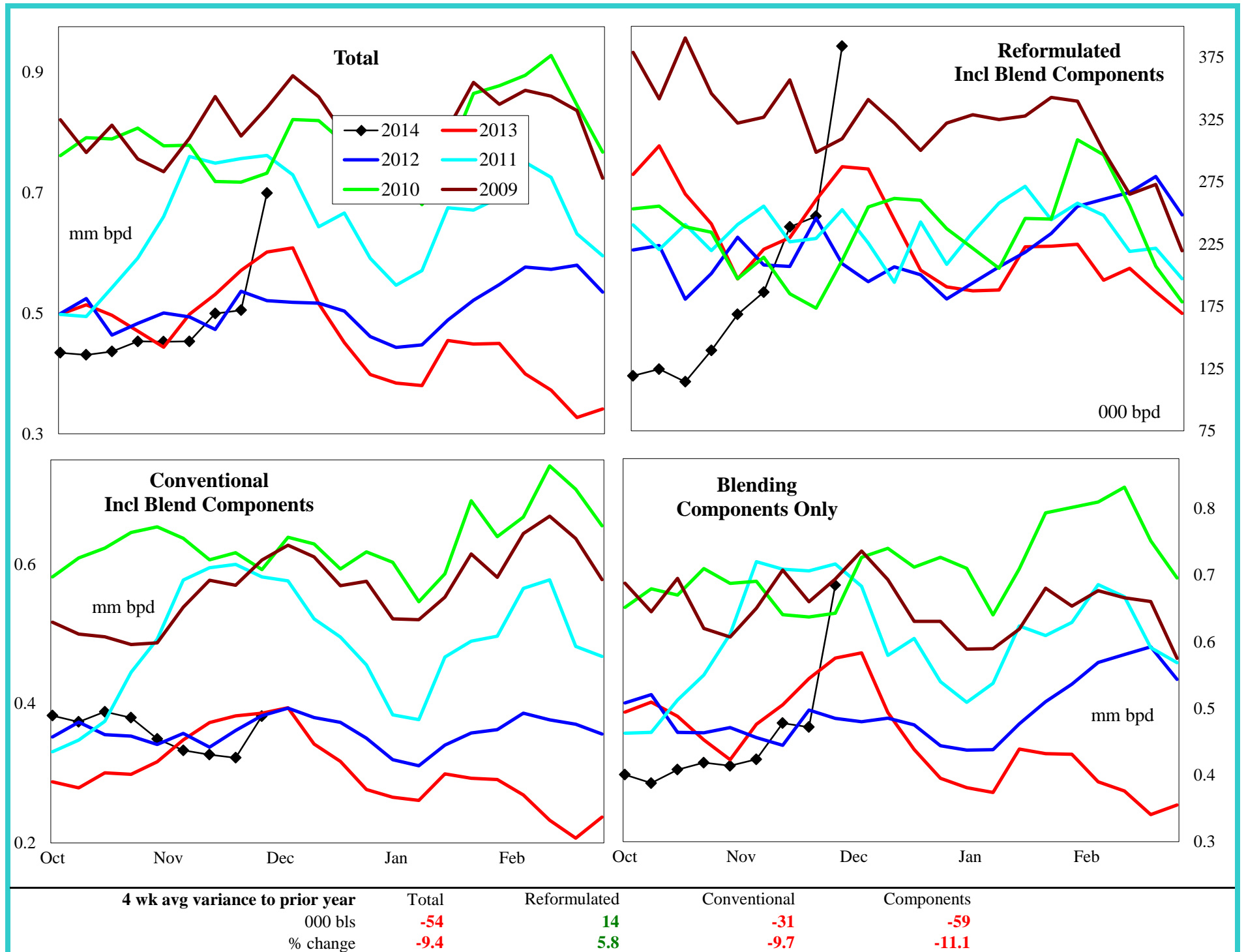
United States Reformulated Gasoline Supply



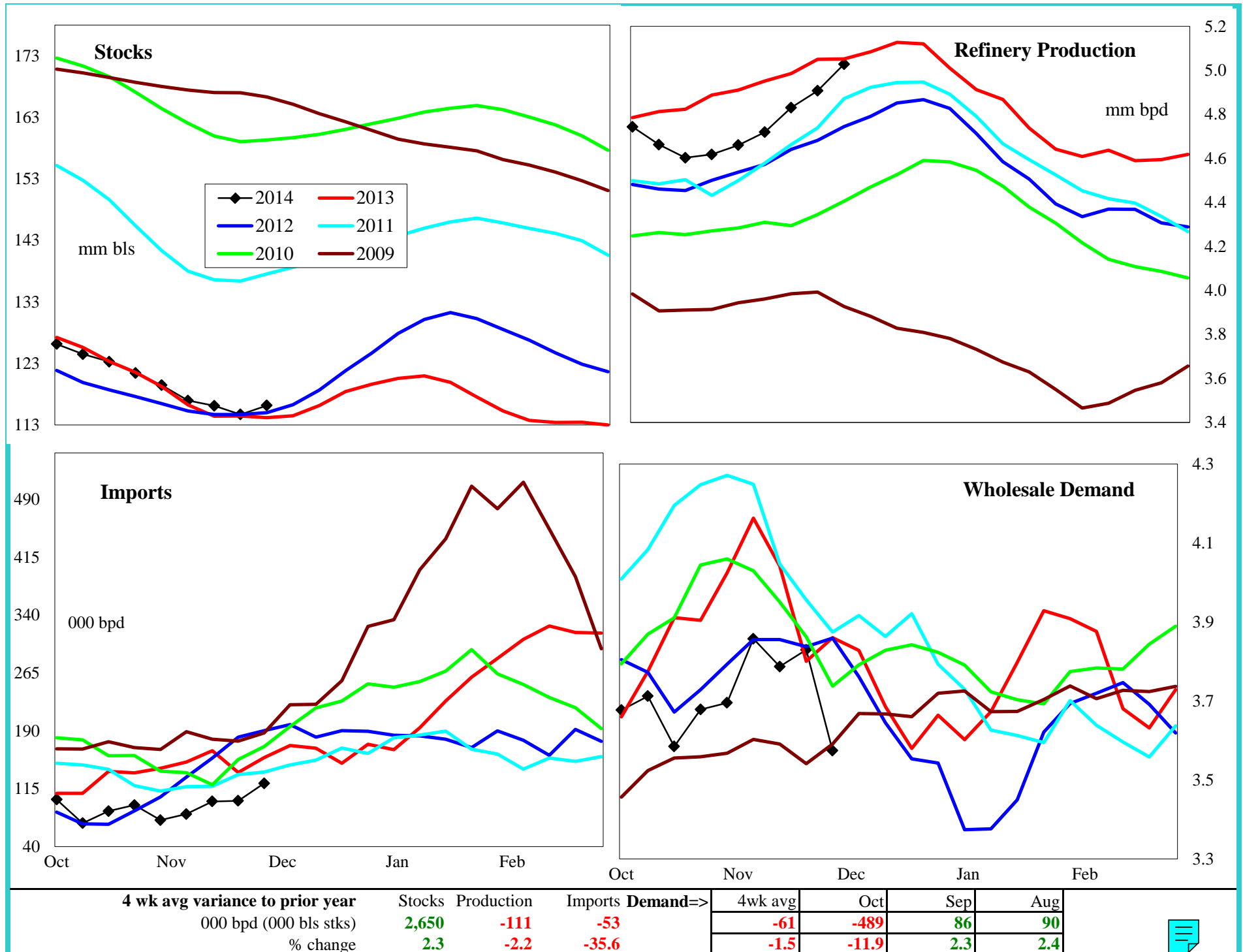
United States Conventional Gasoline Supply



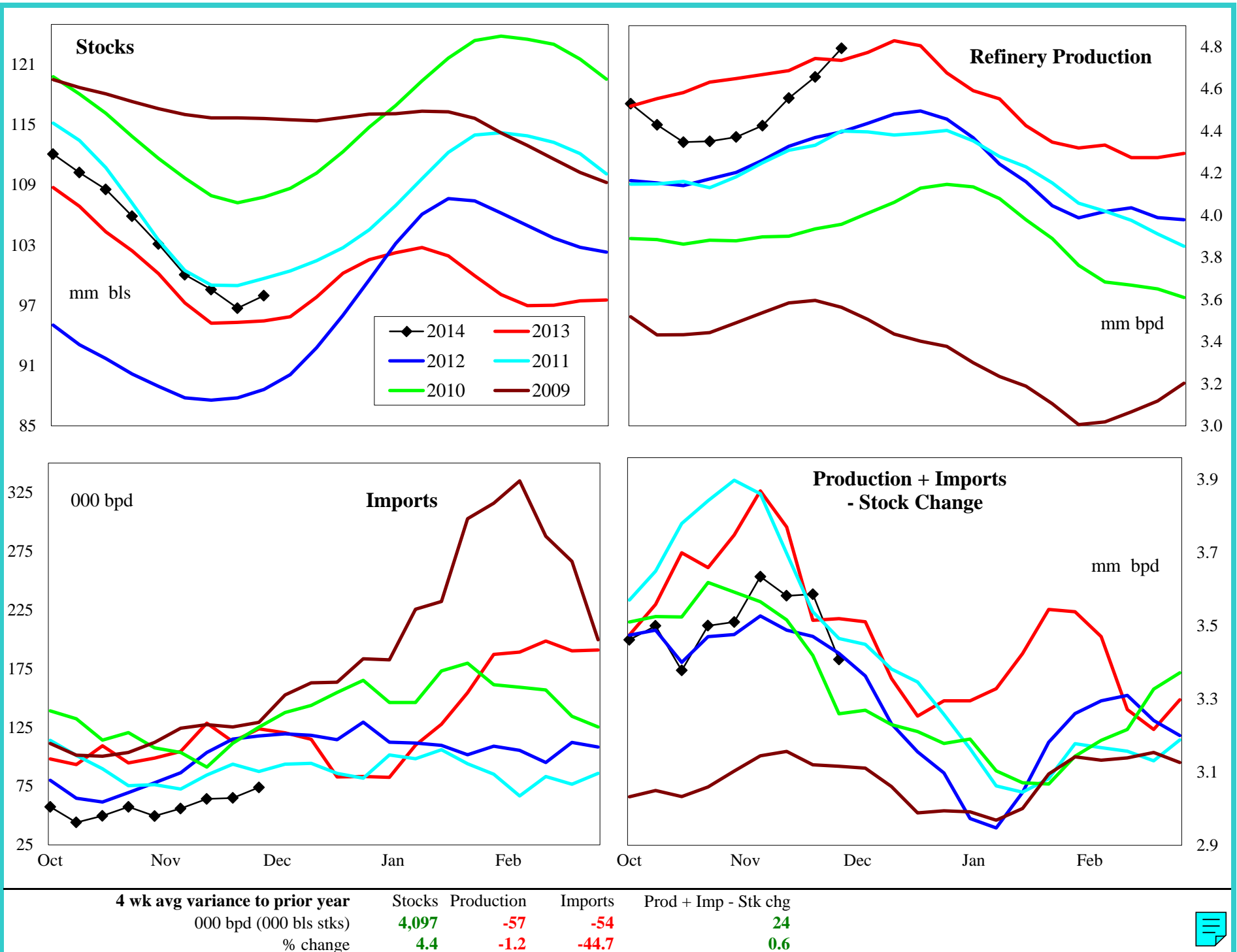
United States Gasoline Imports by Type



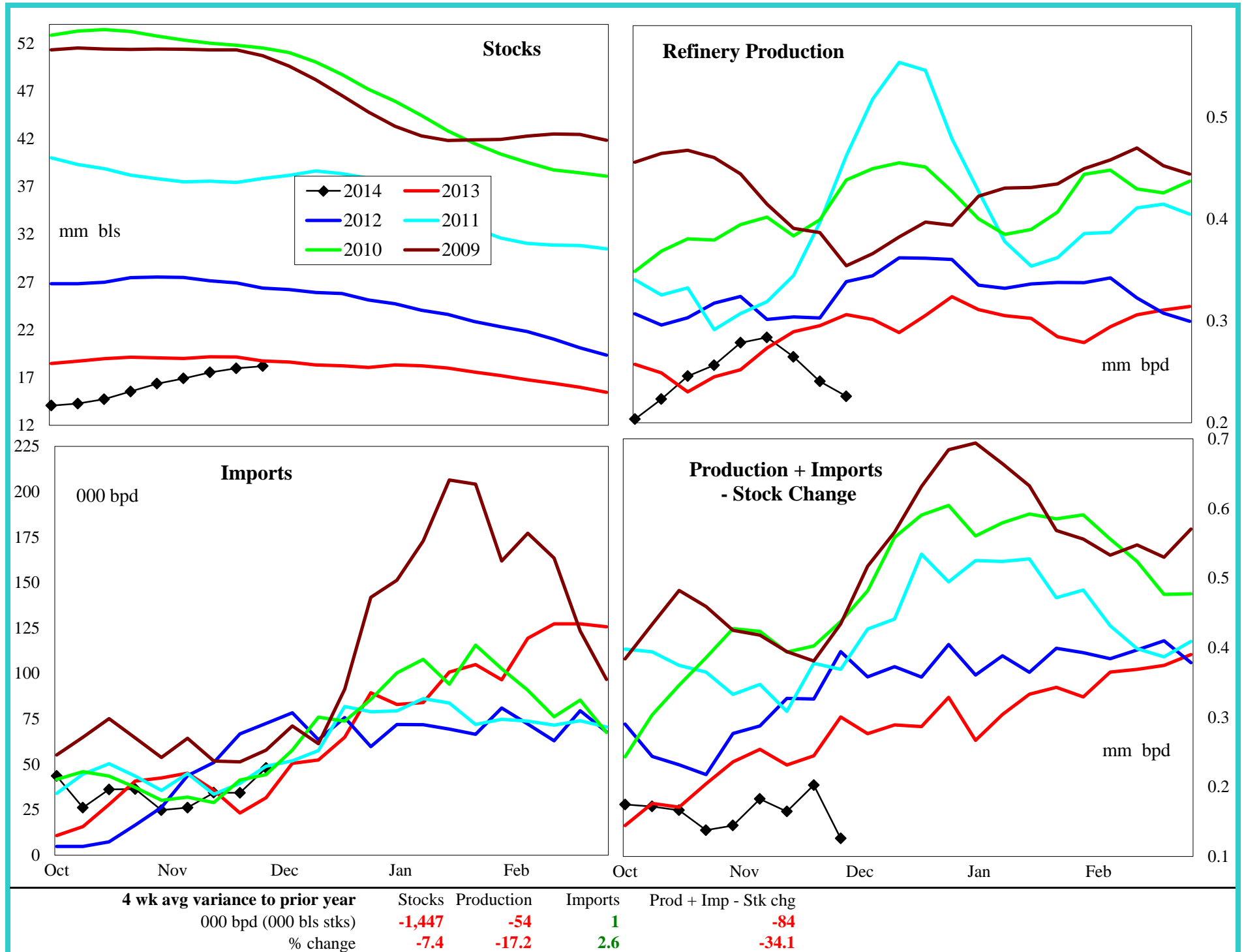
United States Distillate Supply and Demand Balance



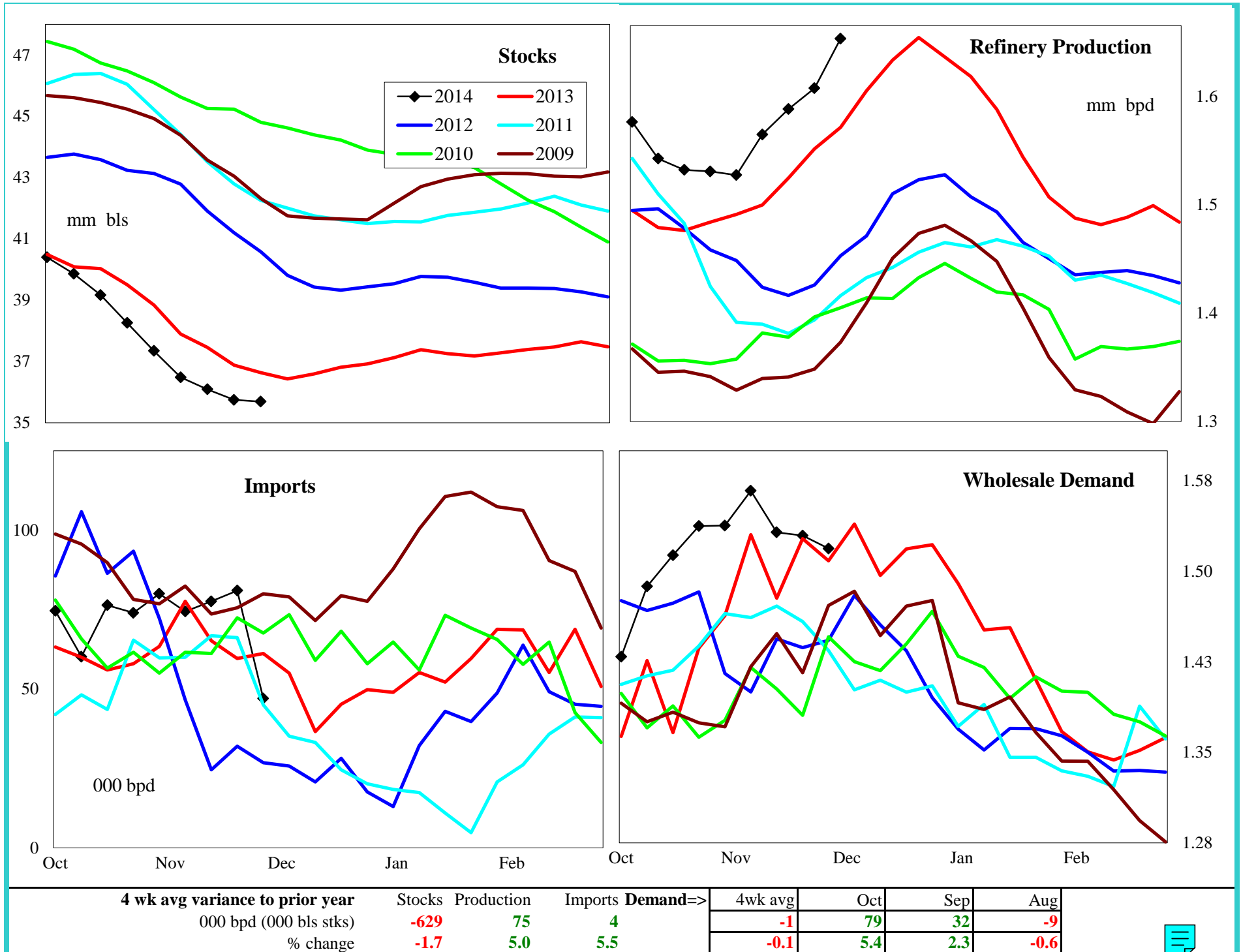
United States Low Sulfur Distillate Supply



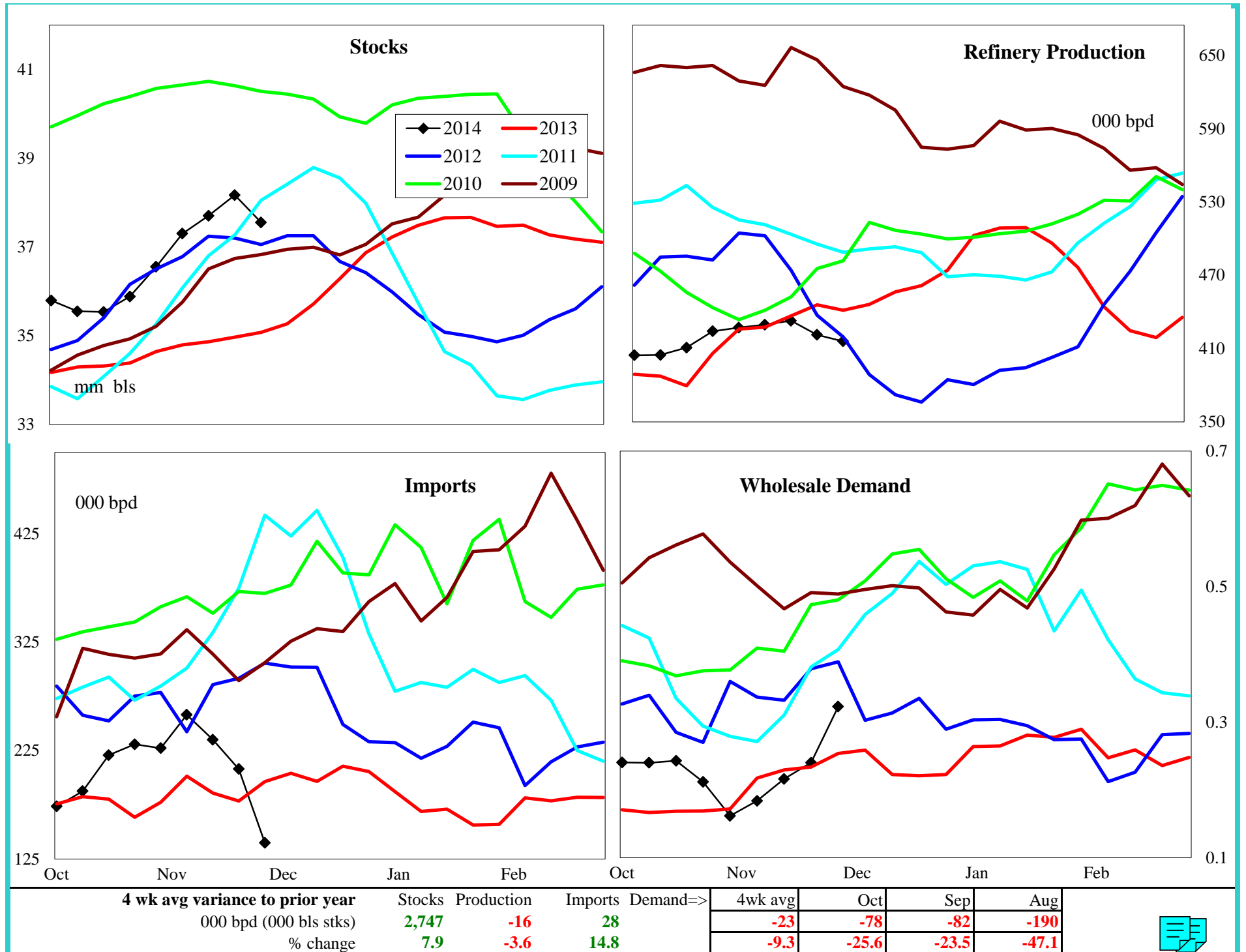
United States High Sulfur Distillate Supply



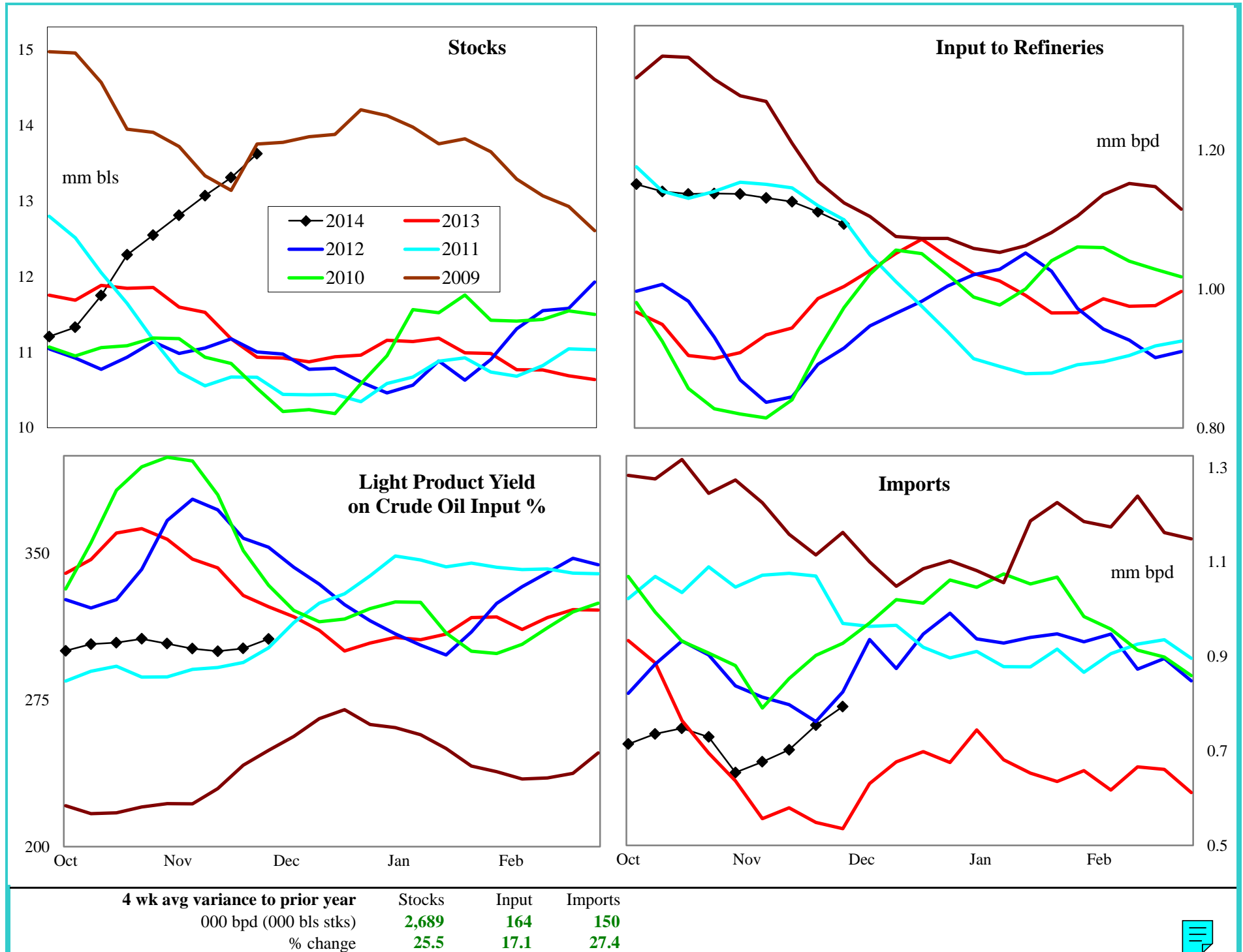
United States Jet Fuel Supply and Demand Balance



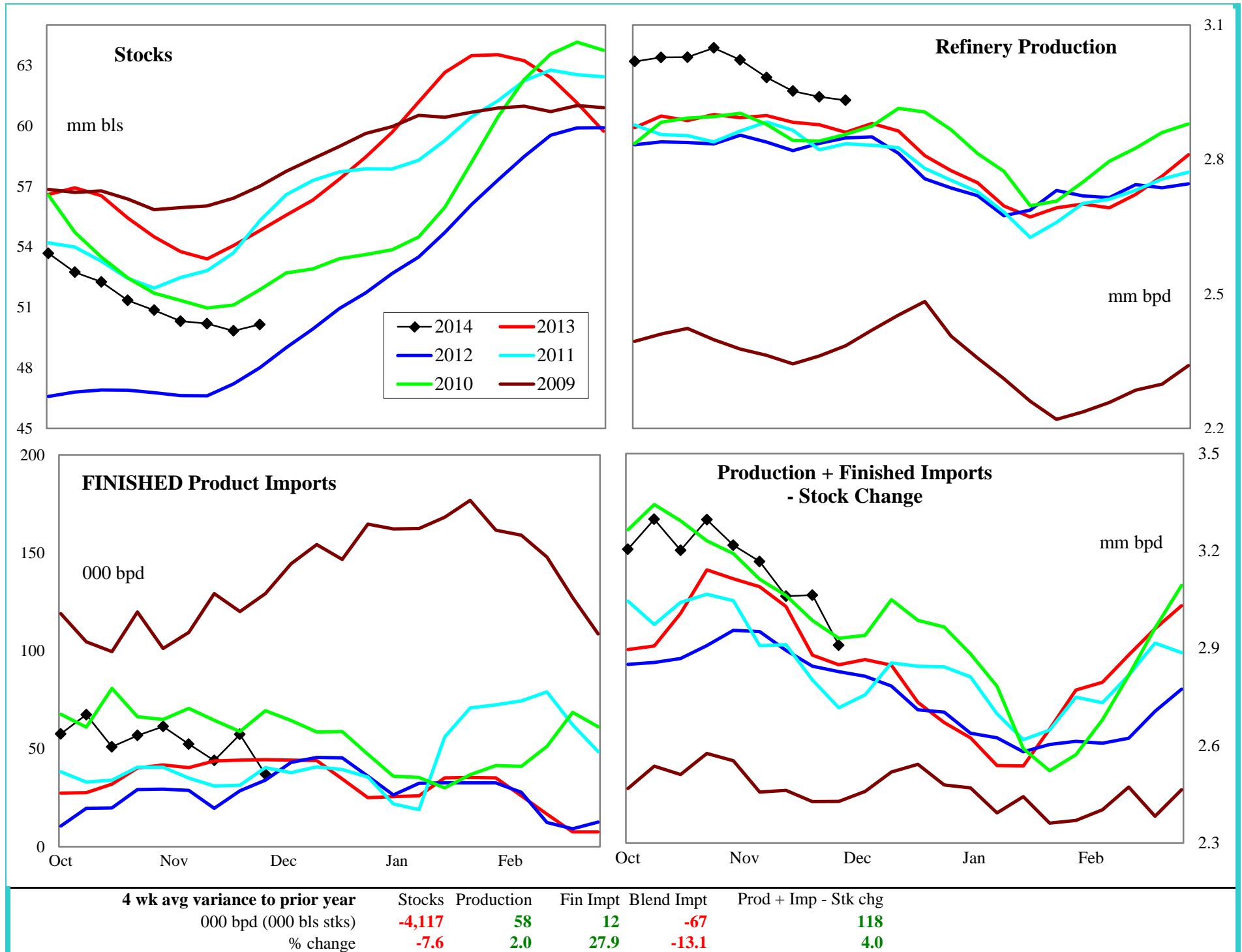
United States Residual Fuel Oil Supply and Demand Balance



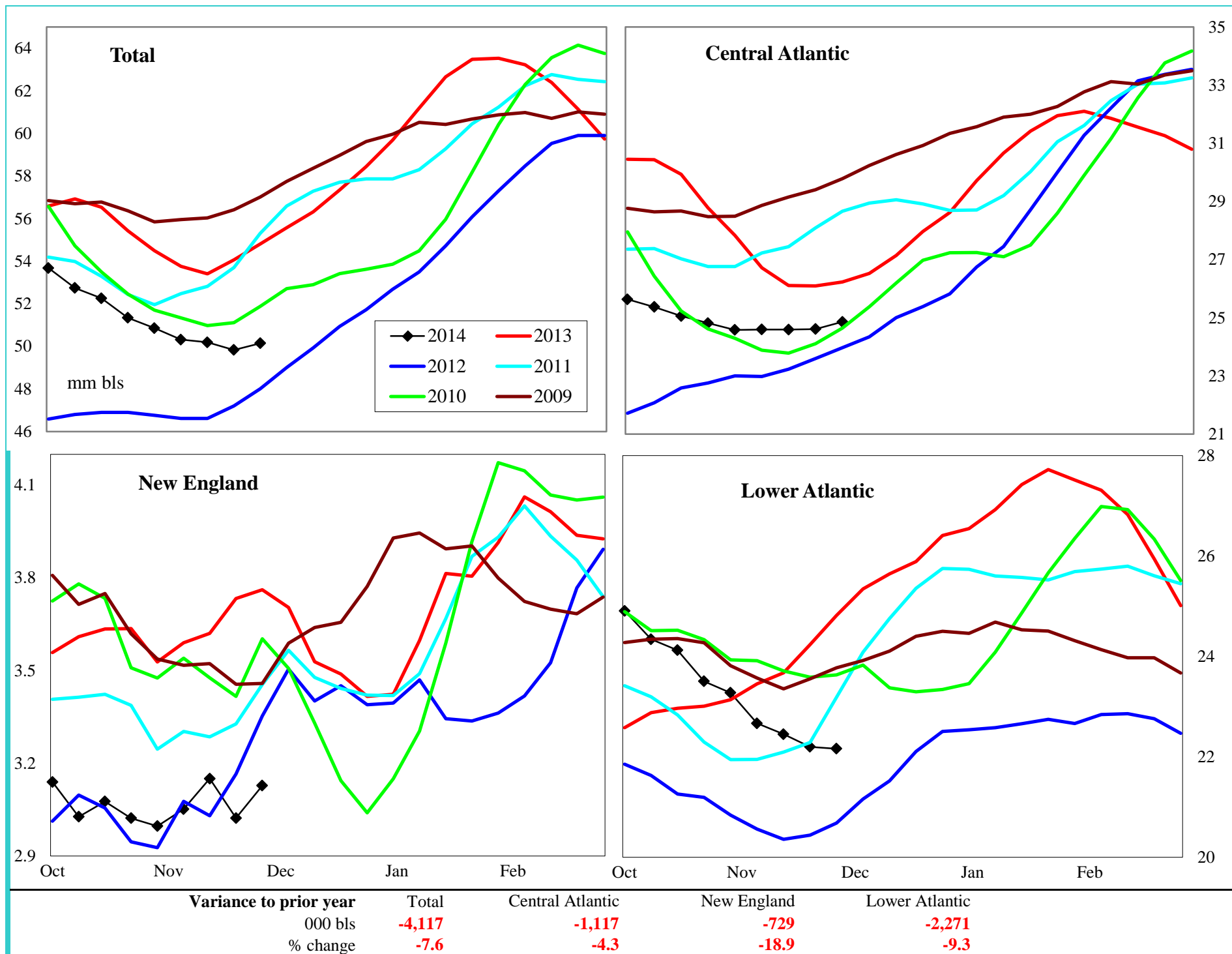
PADD 1 Crude Oil Supply and Refining



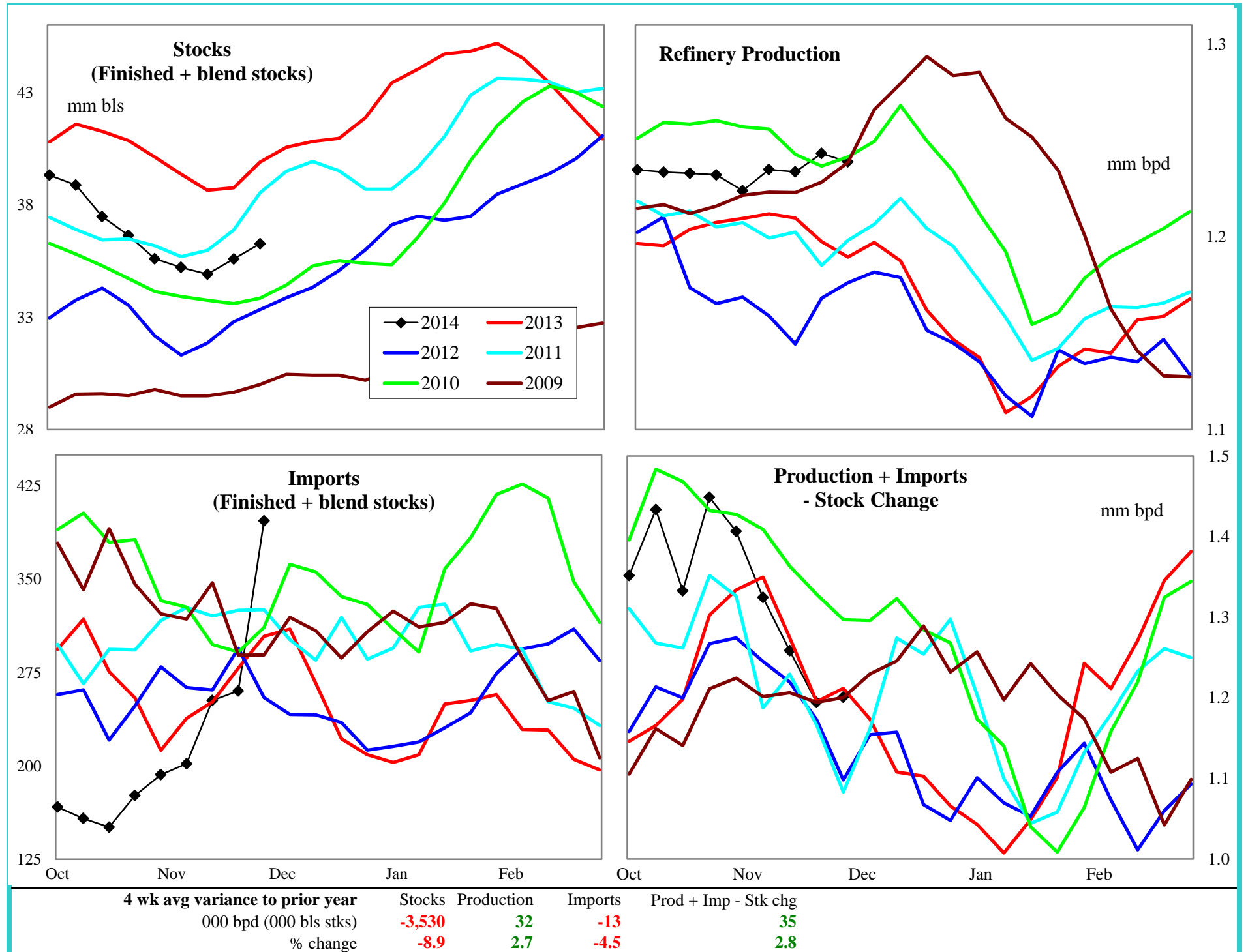
PADD 1 Gasoline Supply



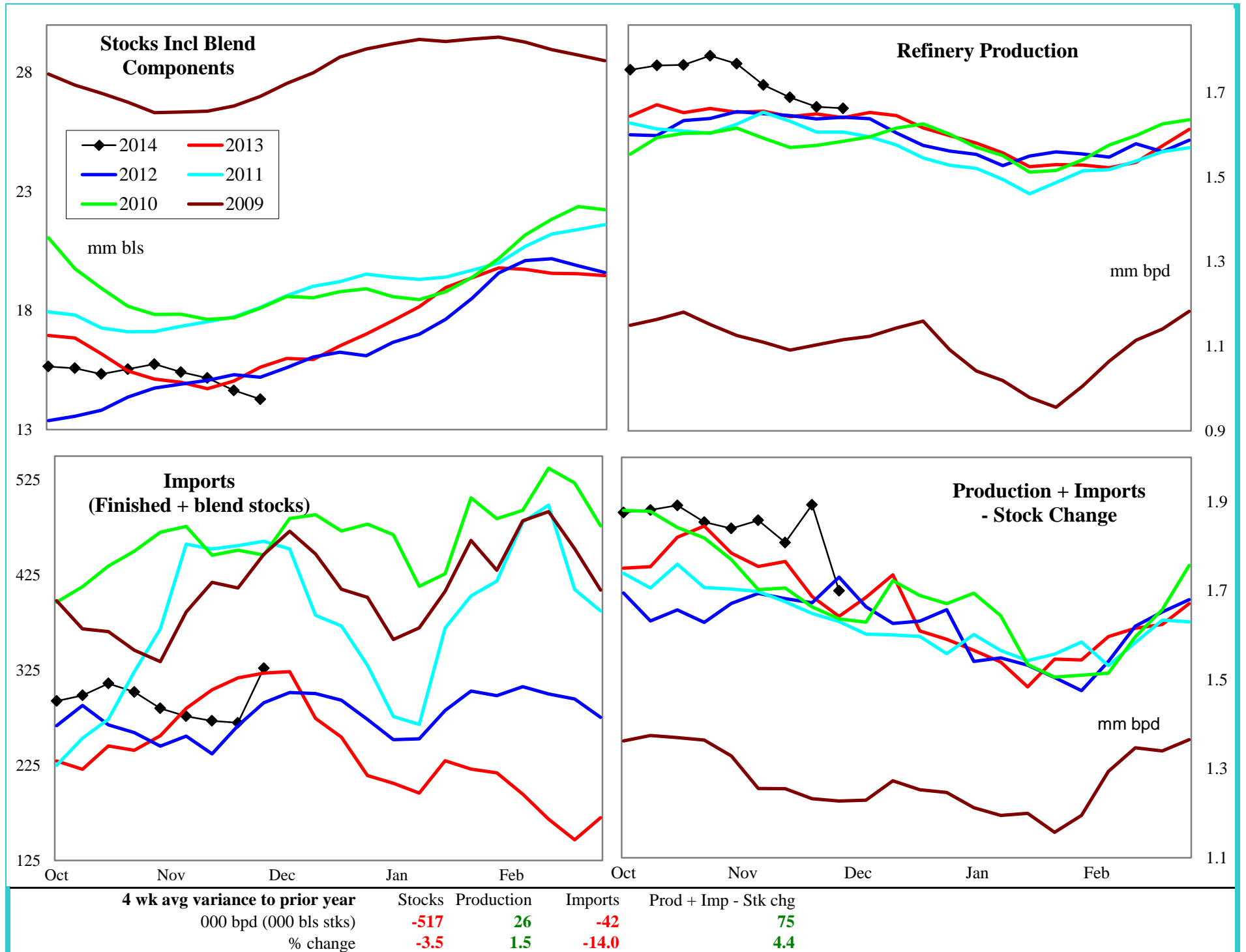
PADD 1 Gasoline Stocks by Region



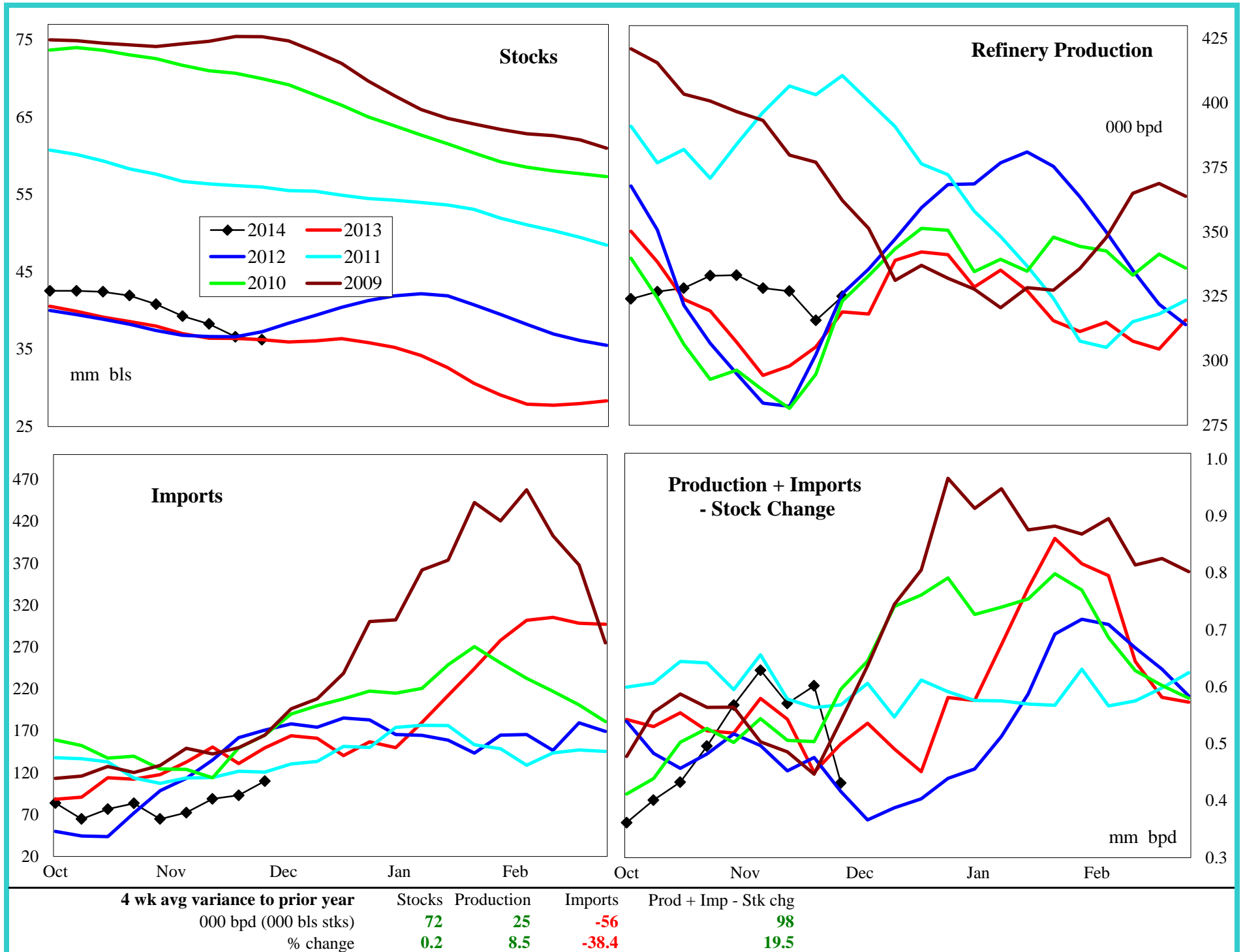
PADD 1 Reformulated Gasoline Supply



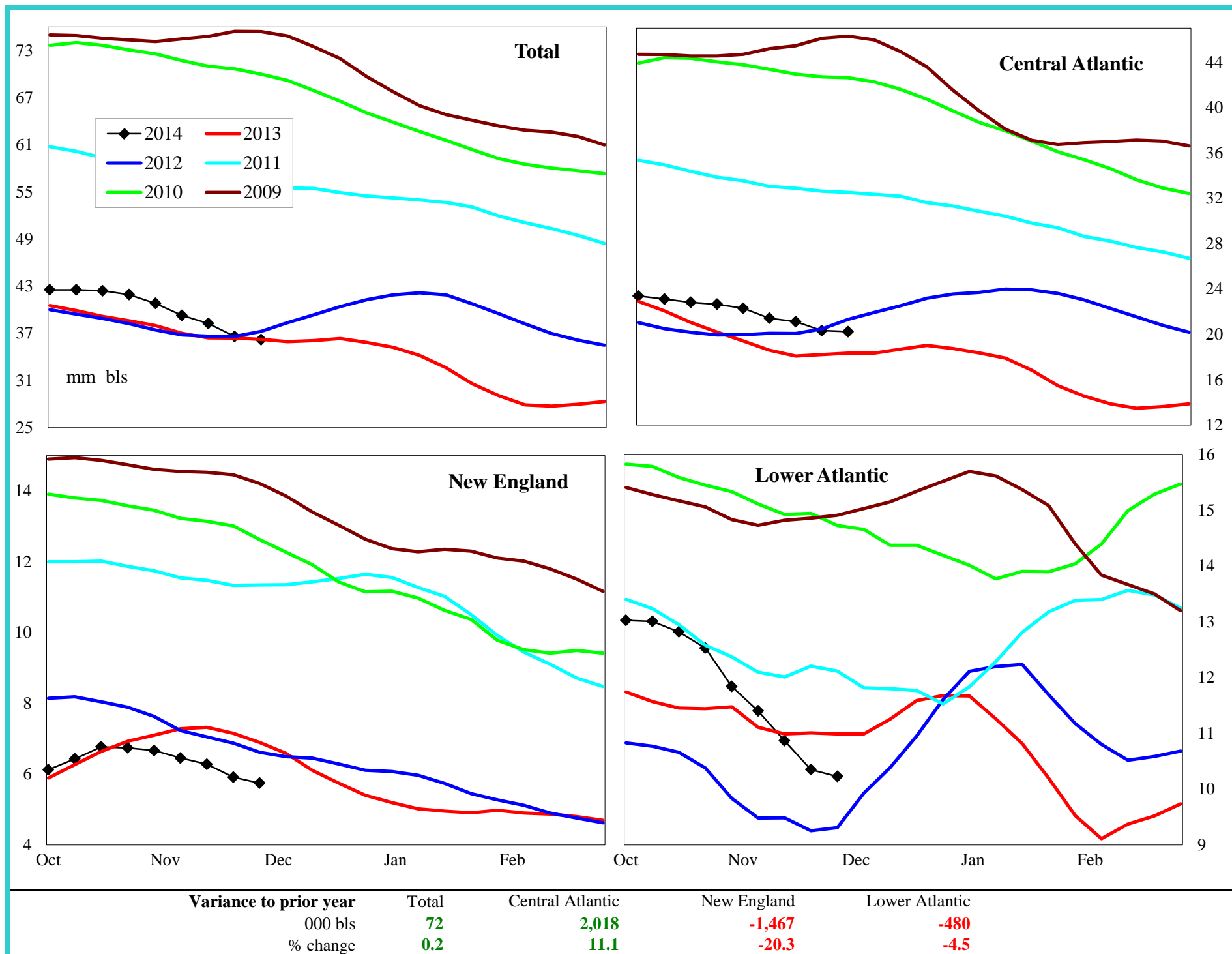
PADD 1 Conventional Gasoline Supply



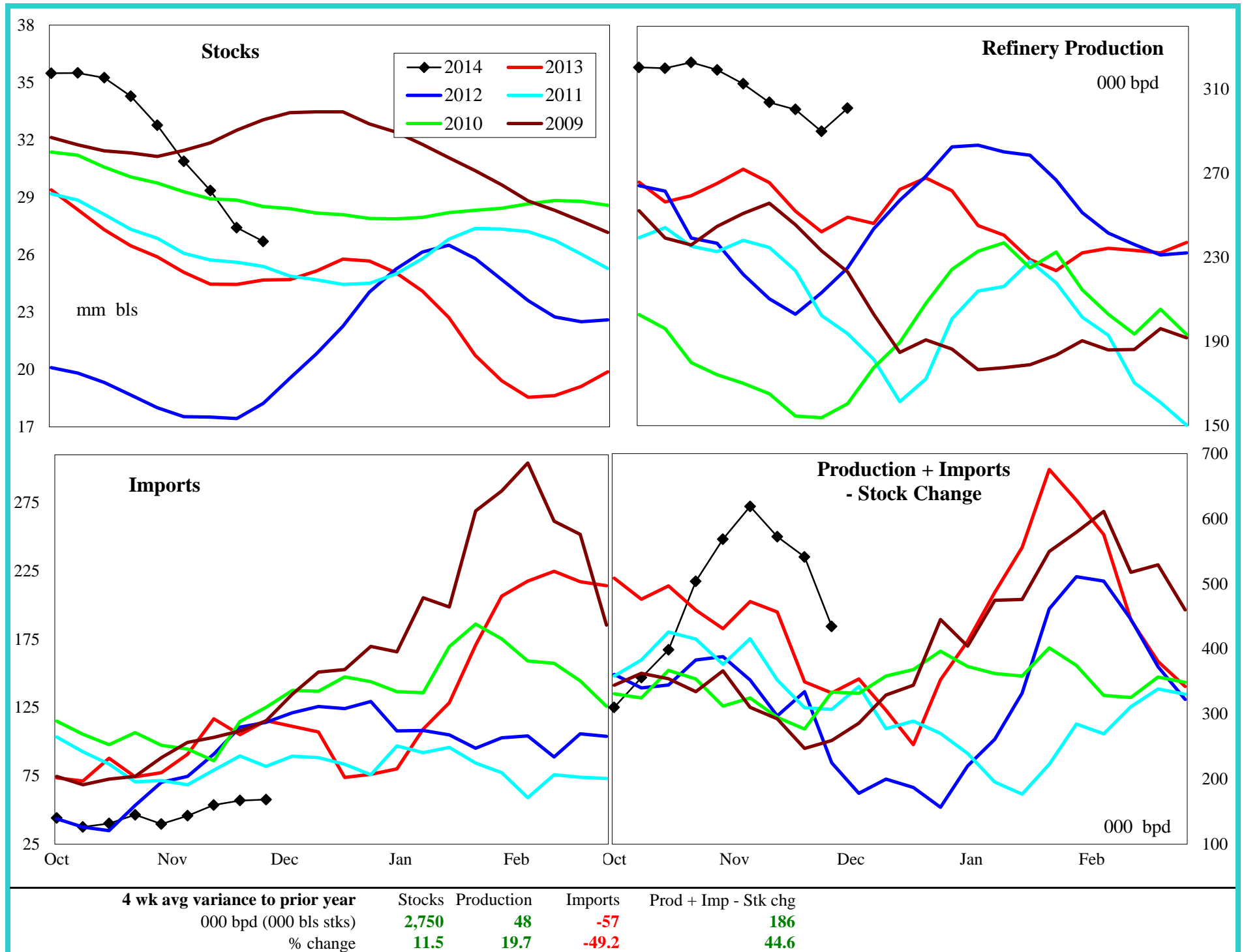
PADD 1 Distillate Supply



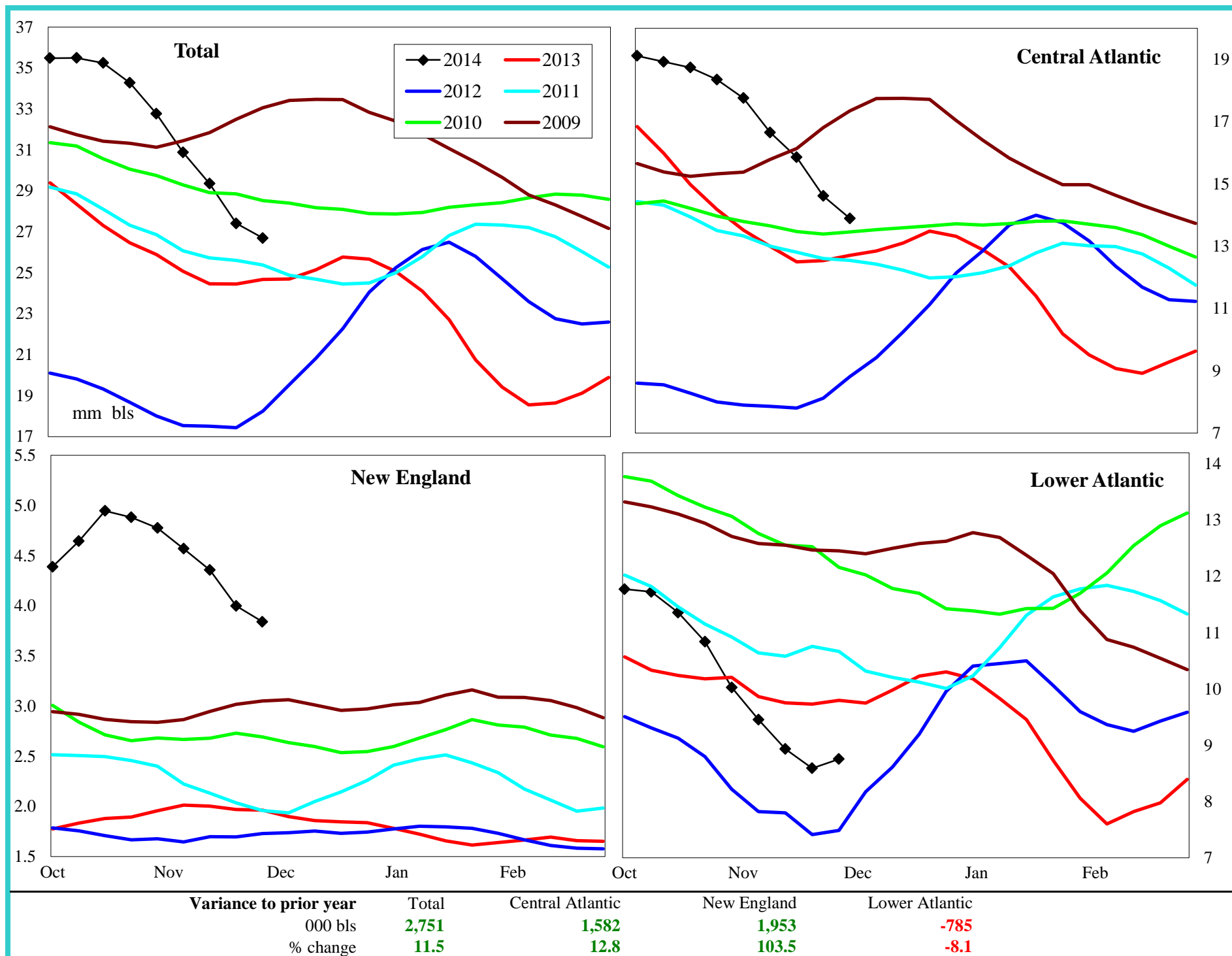
PADD 1 Distillate Stocks by Region



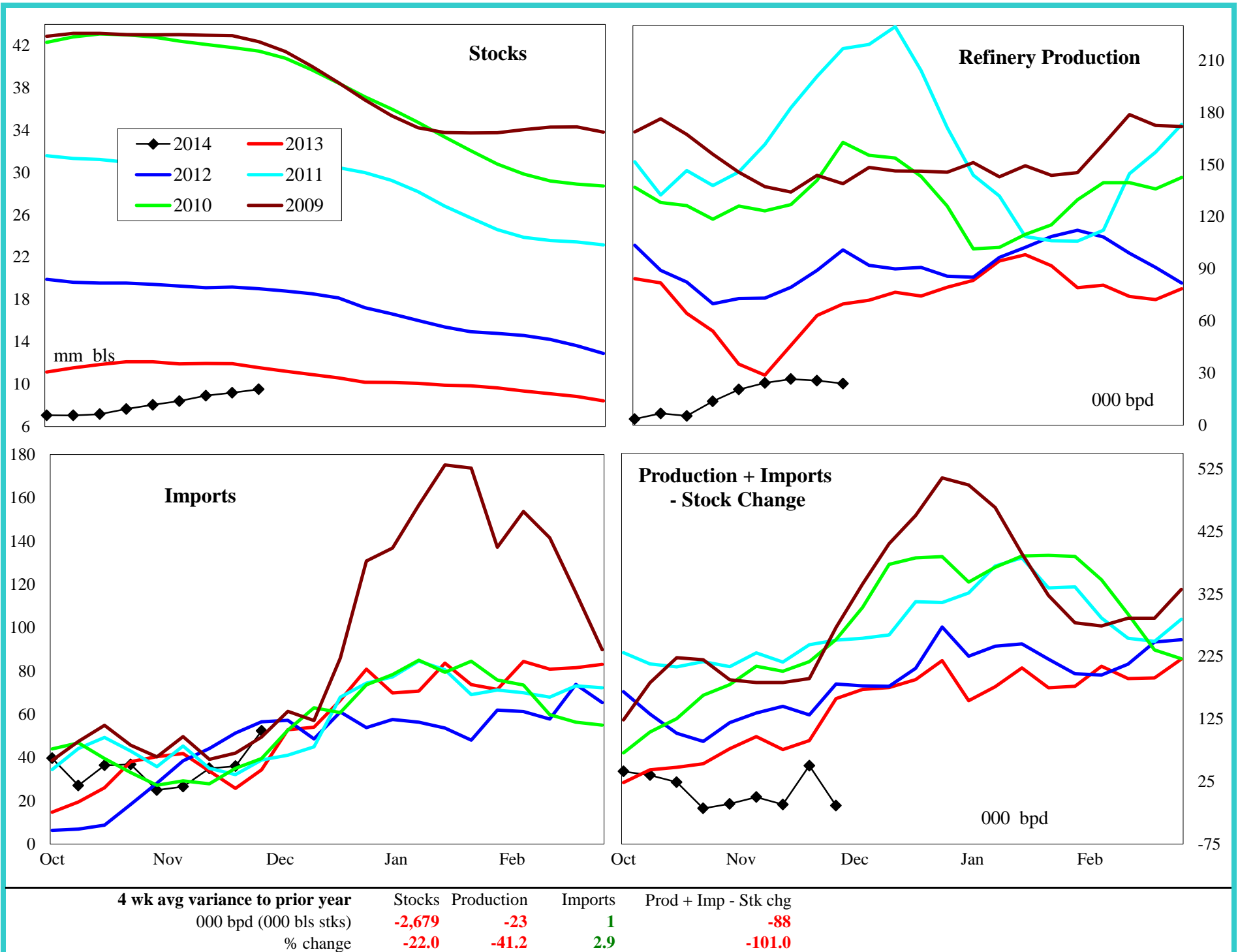
PADD 1 Low Sulfur Distillate Supply



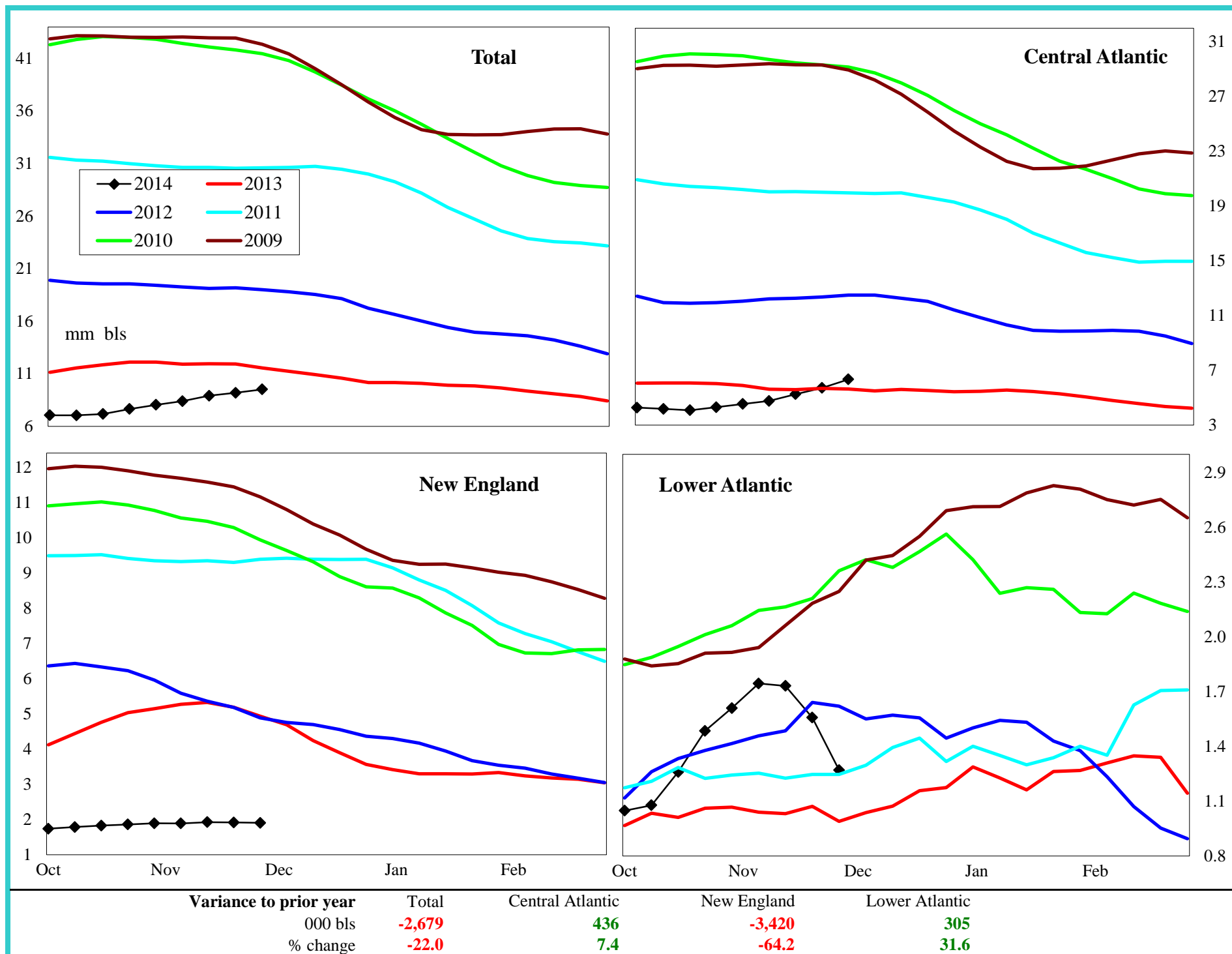
PADD 1 Low Sulfur Distillate Stocks by Region



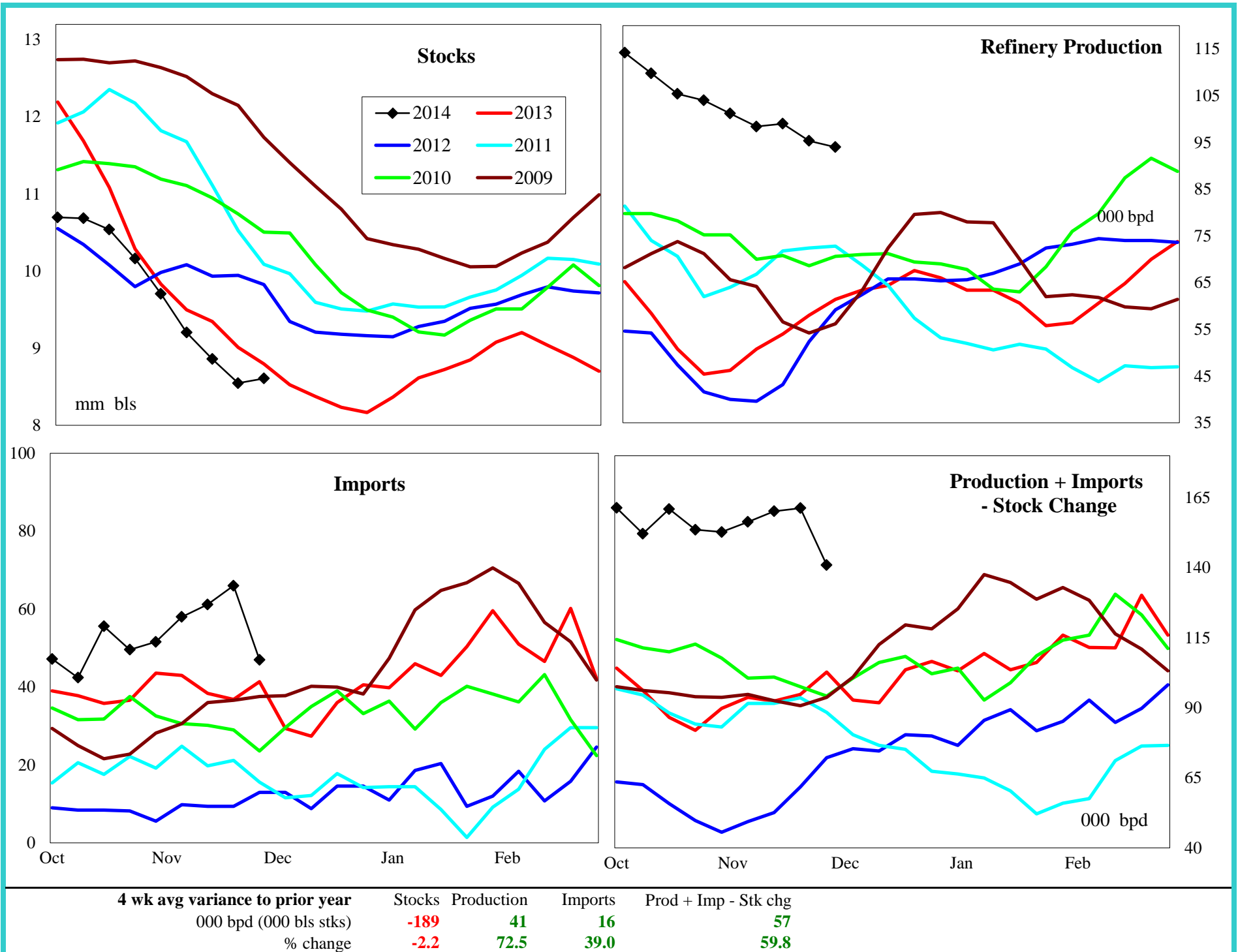
PADD 1 High Sulfur Distillate Supply



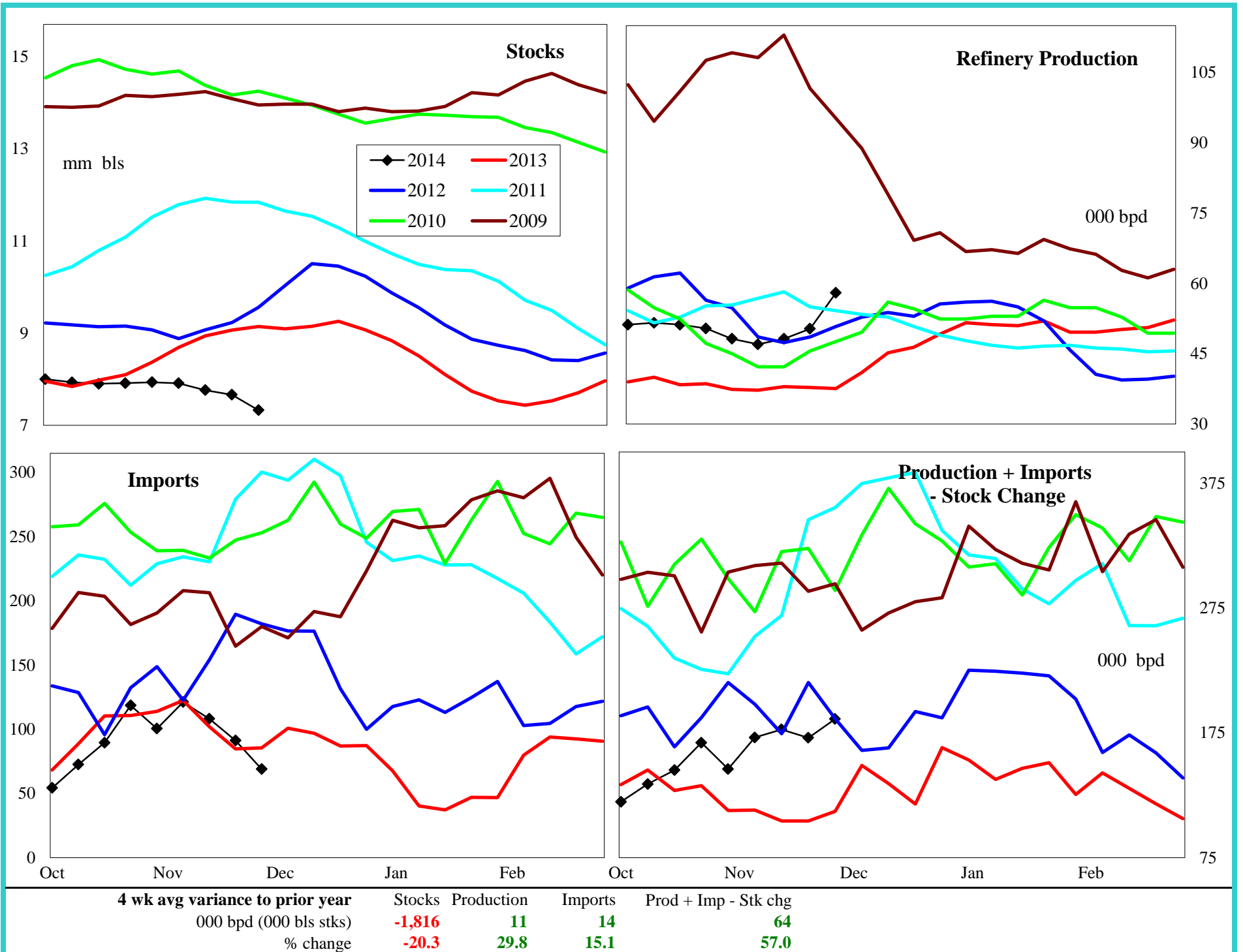
PADD 1 High Sulfur Distillate Stocks by Region



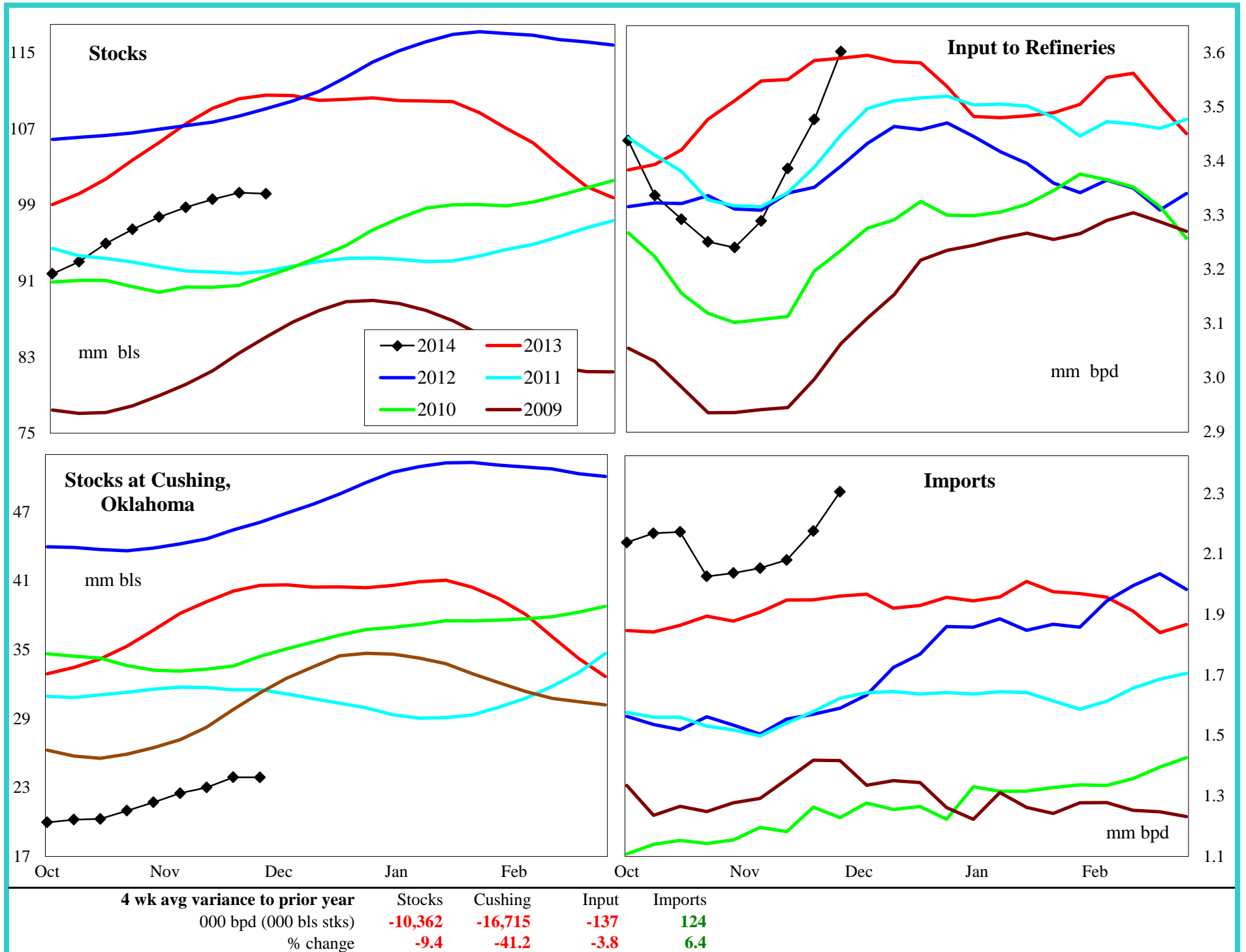
PADD 1 Jet Fuel Supply



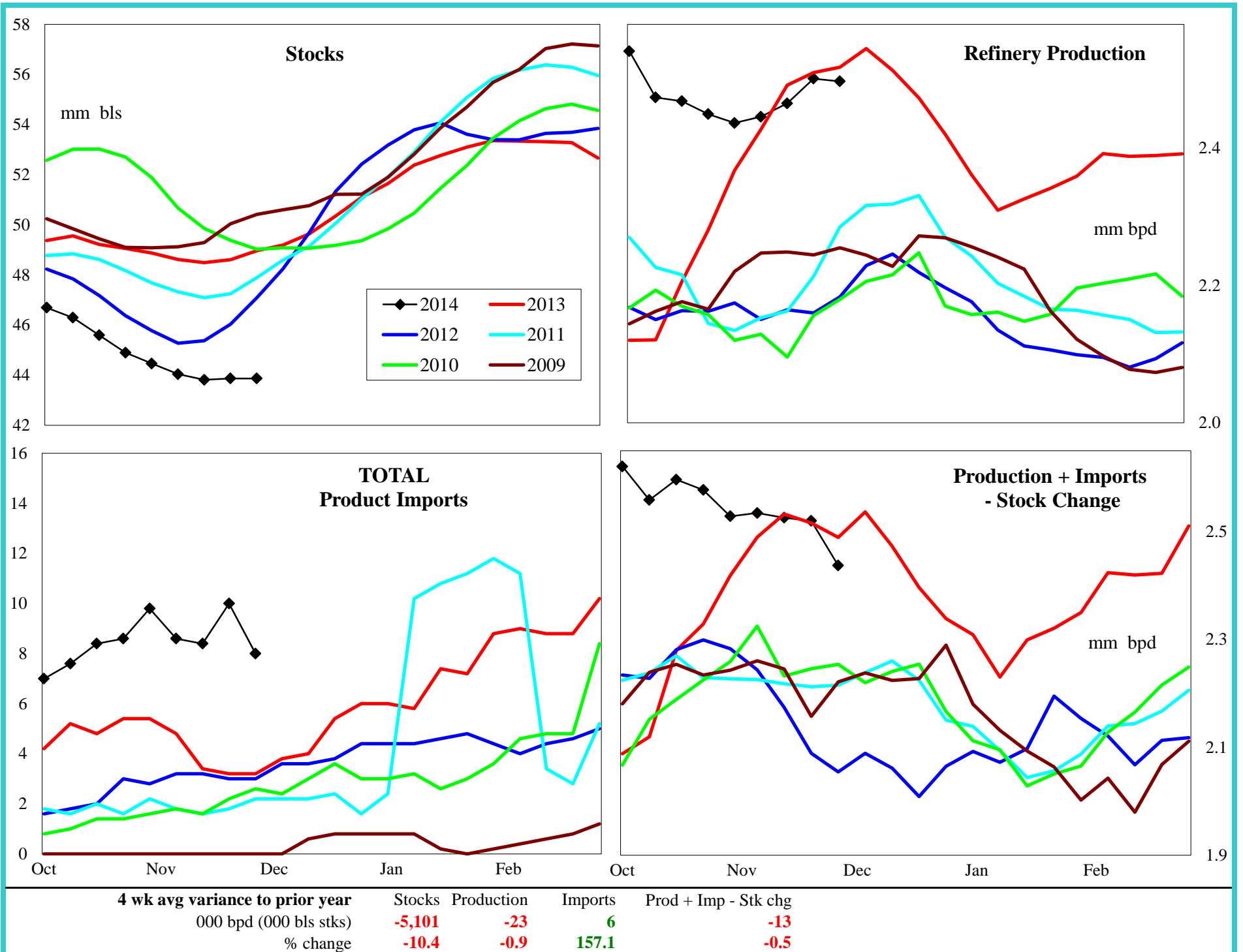
PADD 1 Residual Fuel Oil Supply



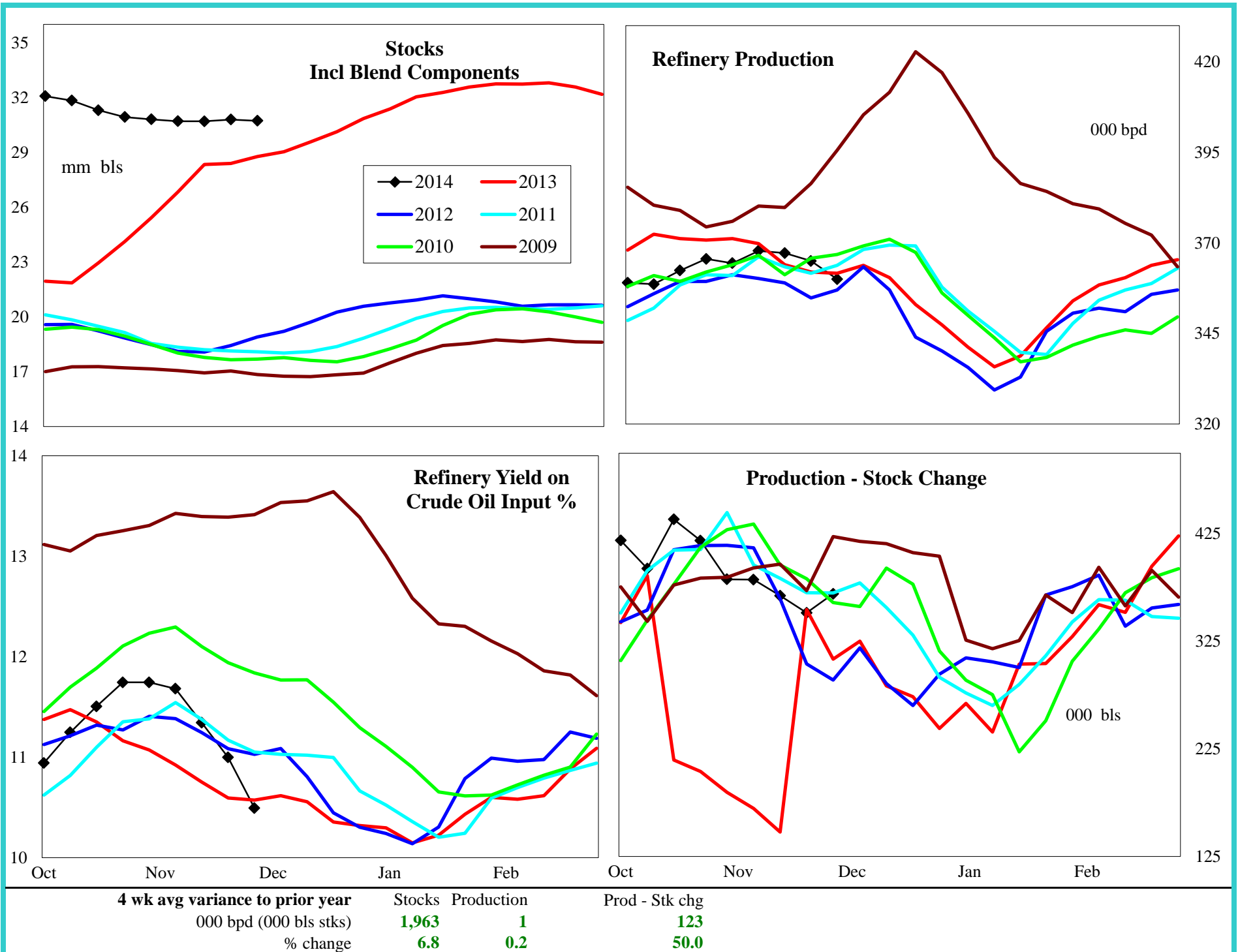
PADD 2 Crude Oil Supply and Refining



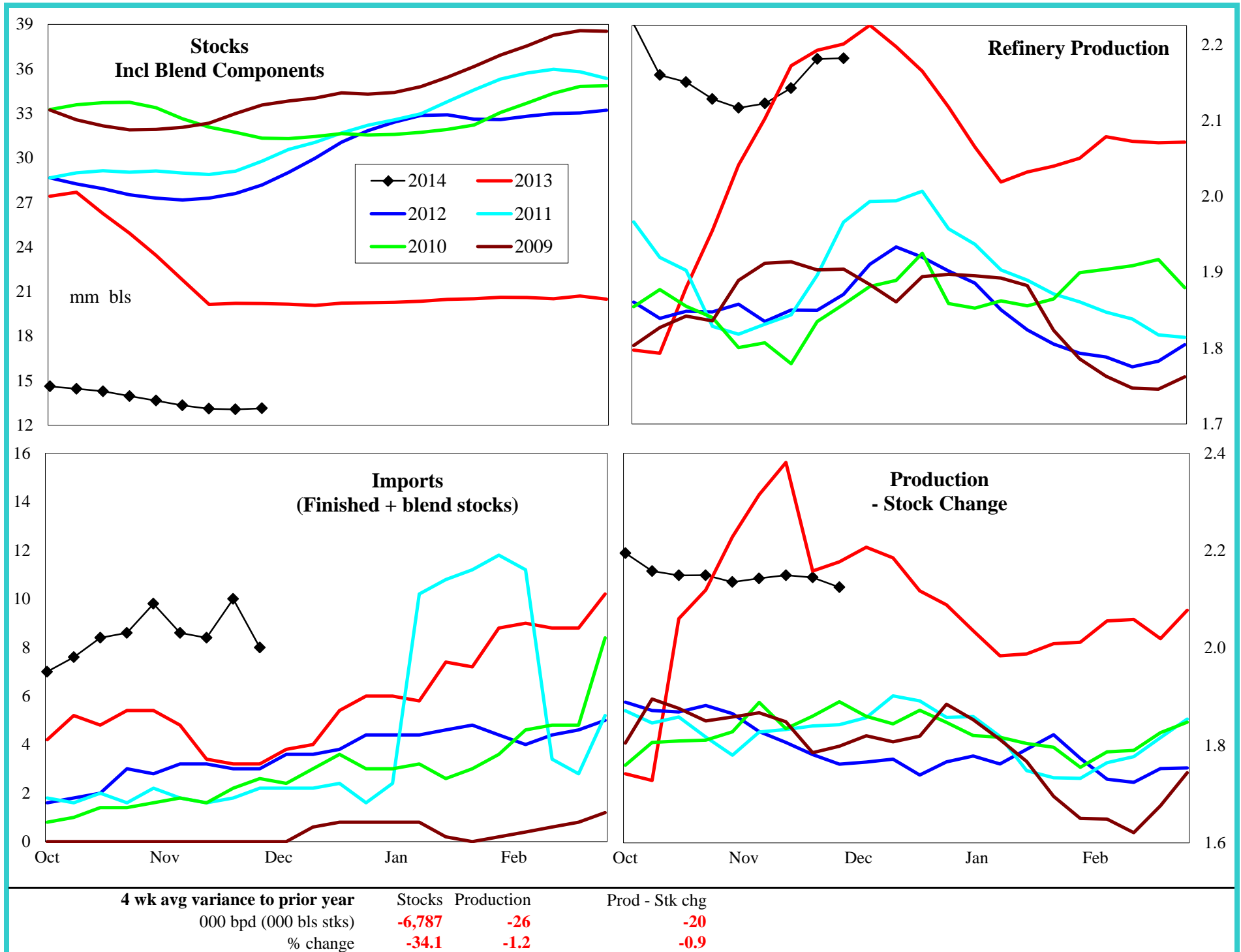
PADD 2 Gasoline Supply



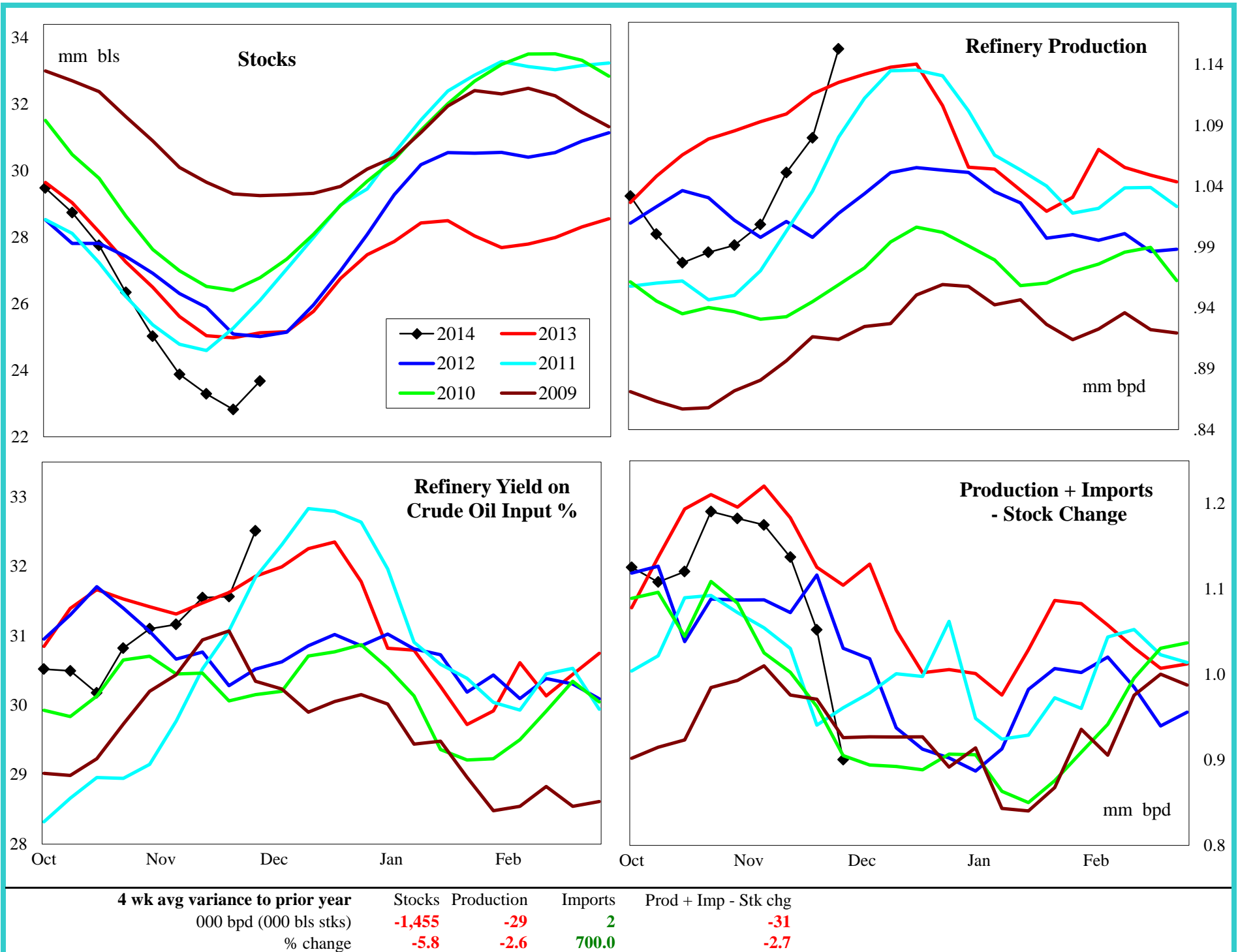
PADD 2 Reformulated Gasoline Supply



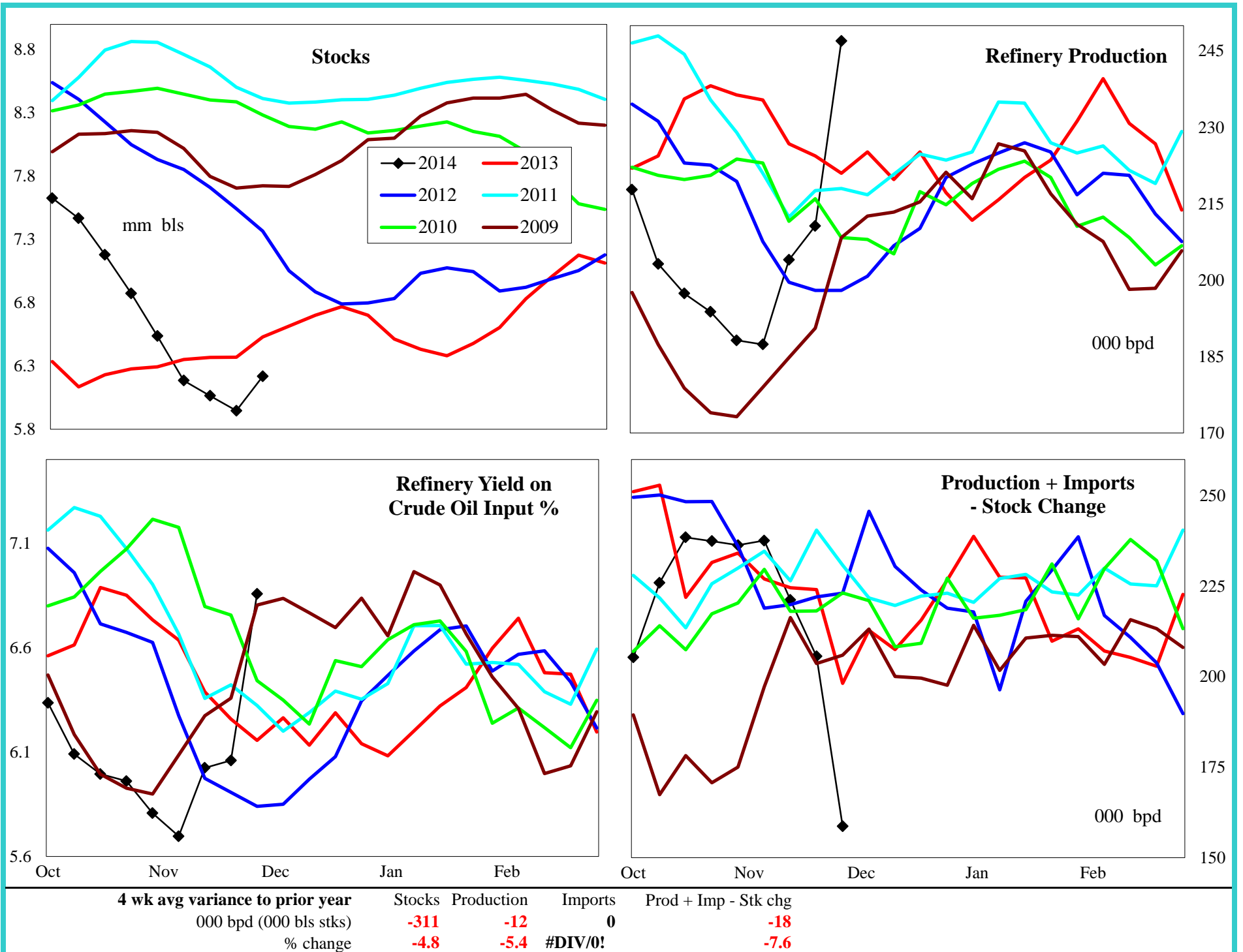
PADD 2 Conventional Gasoline Supply



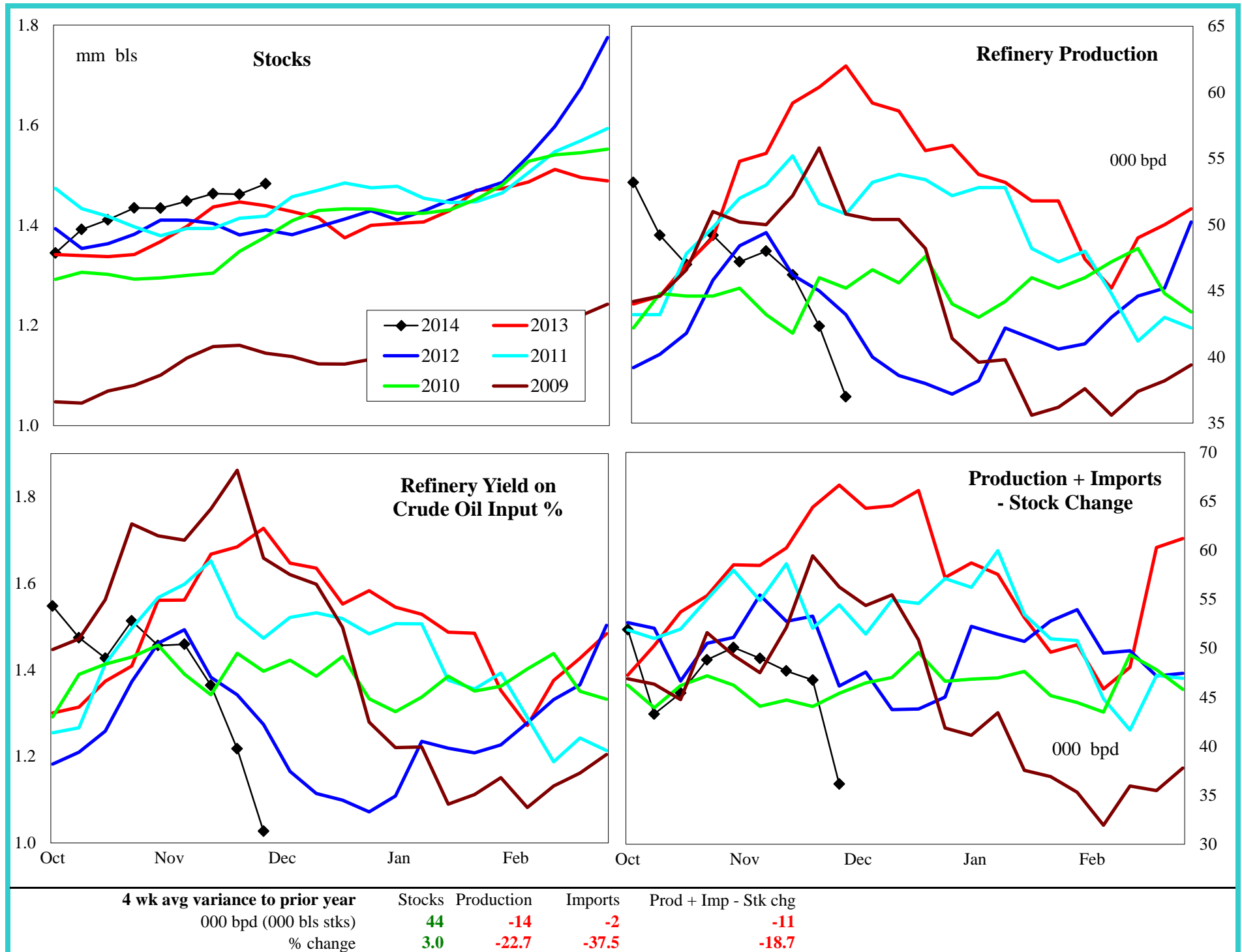
PADD 2 Distillate Supply



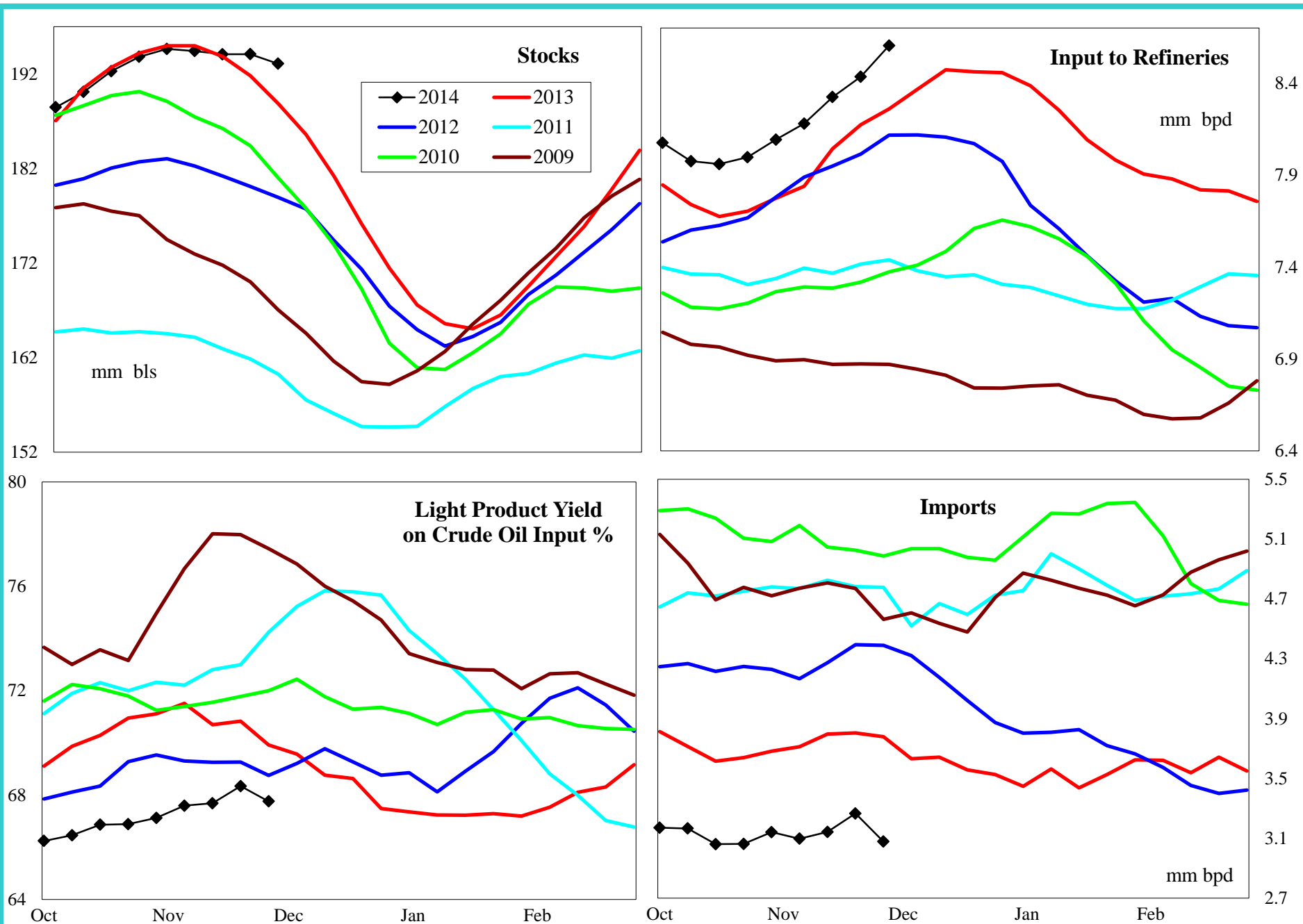
PADD 2 Jet Fuel Supply



PADD 2 Residual Fuel Oil Supply



PADD 3 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bbls stks)

% change

Stocks

4,223

2.2

Input

244

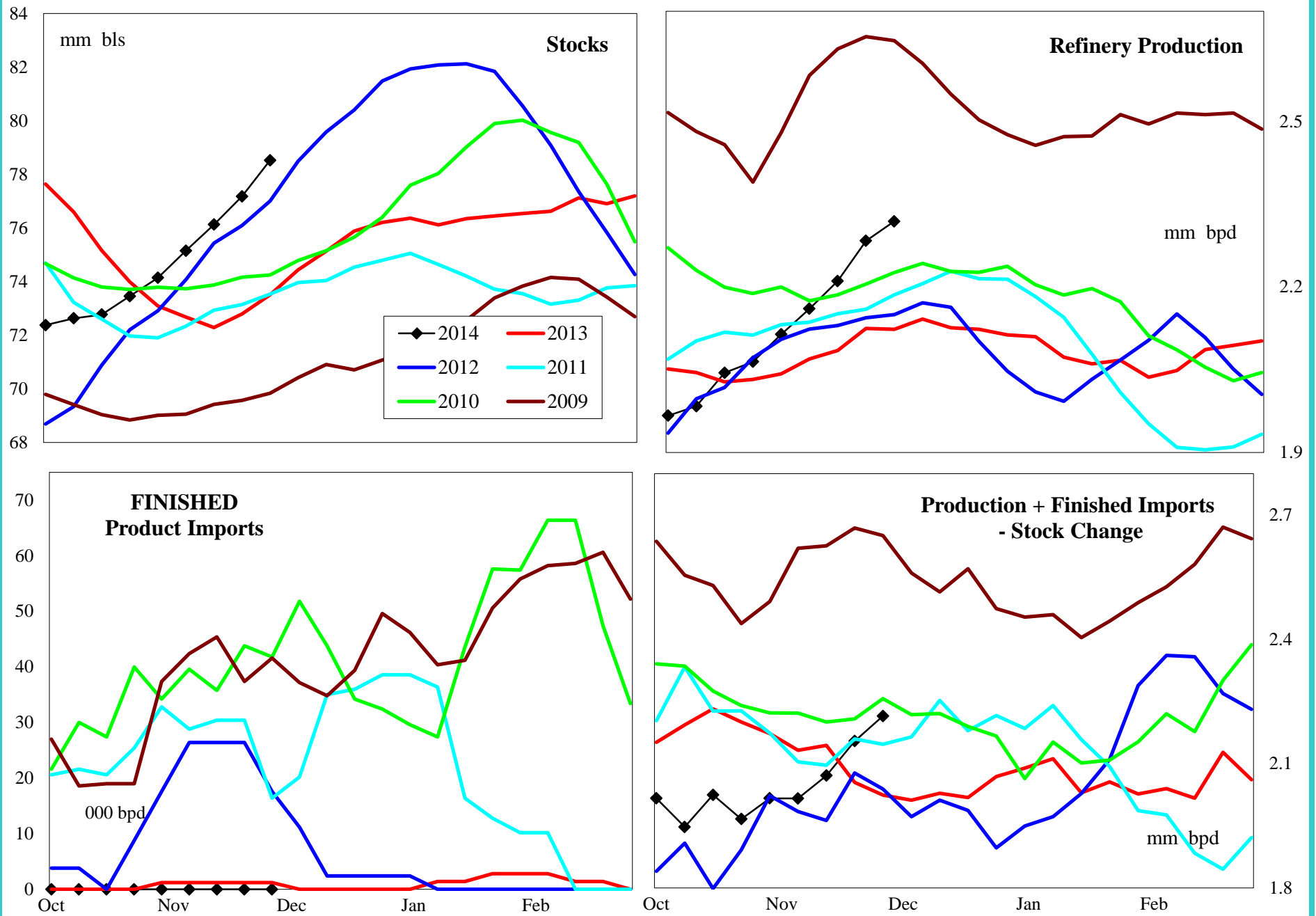
3.0

Imports

-721

-18.3

PADD 3 Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

6,292

8.7

Production

98

4.6

Fin Impt

-2

-100.0

Blend Impt

-10

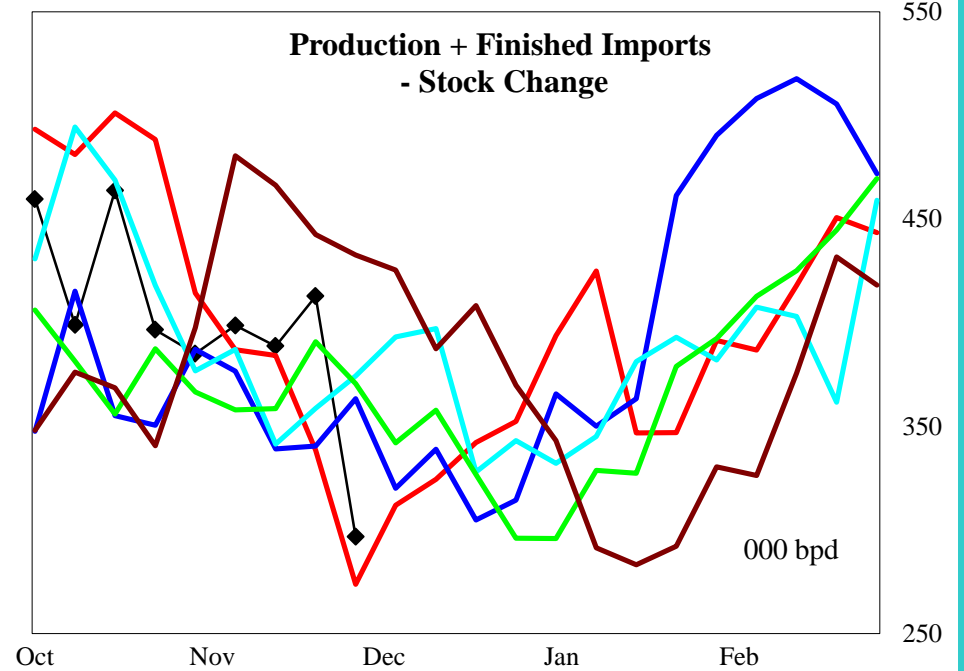
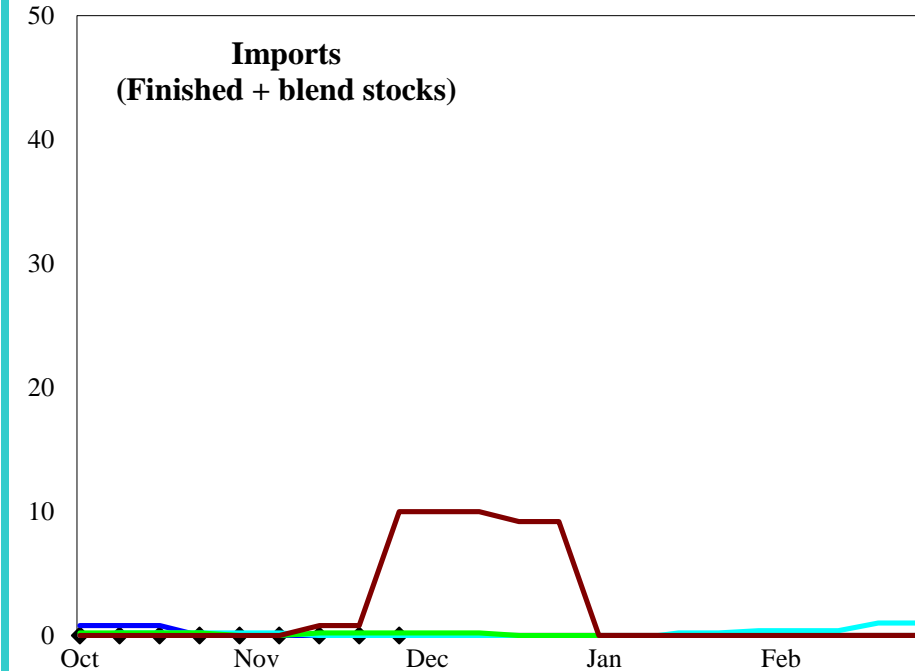
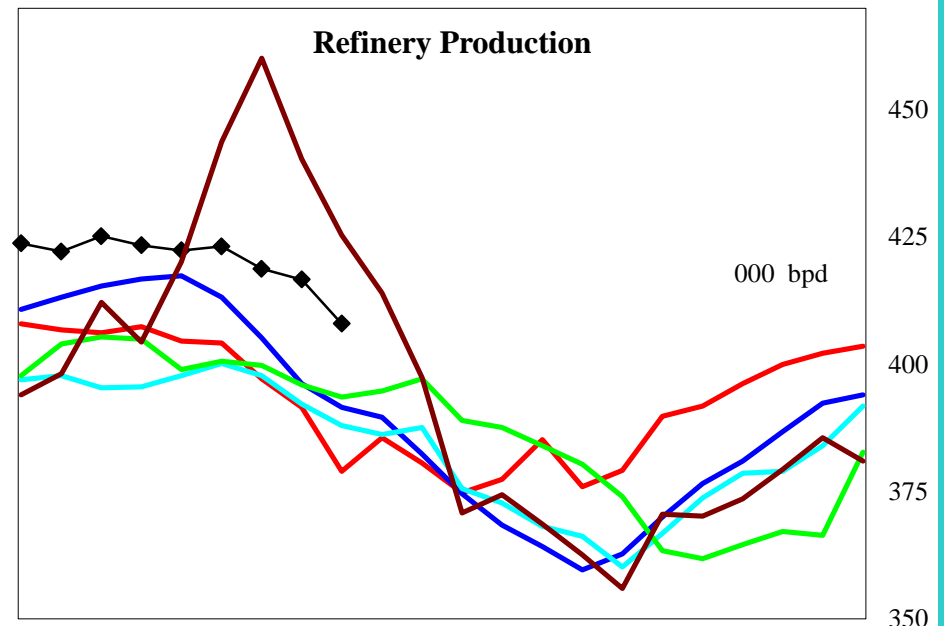
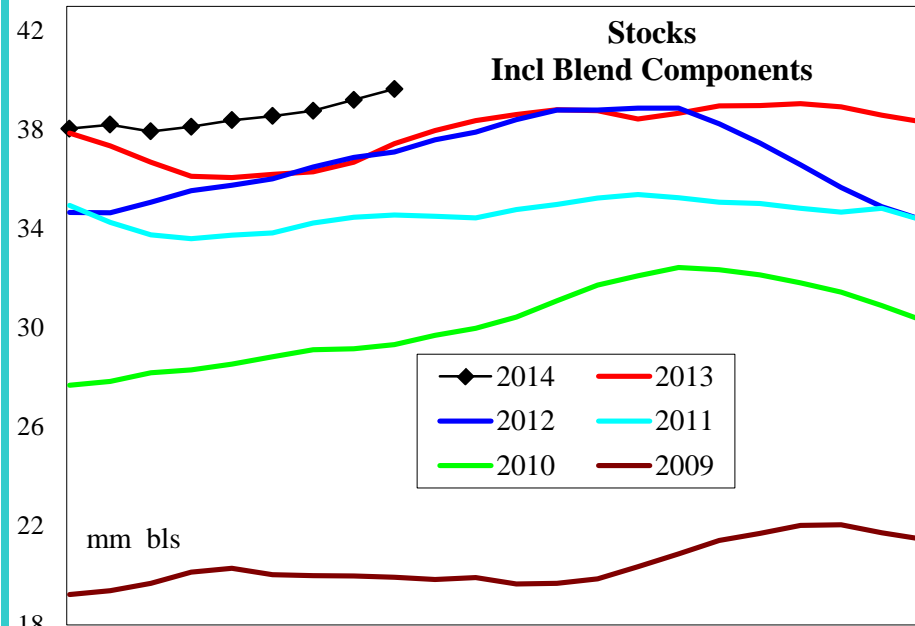
-87.2

Prod + Imp - Stk chg

-97

-4.5

PADD 3 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

2,892

20

0

-66

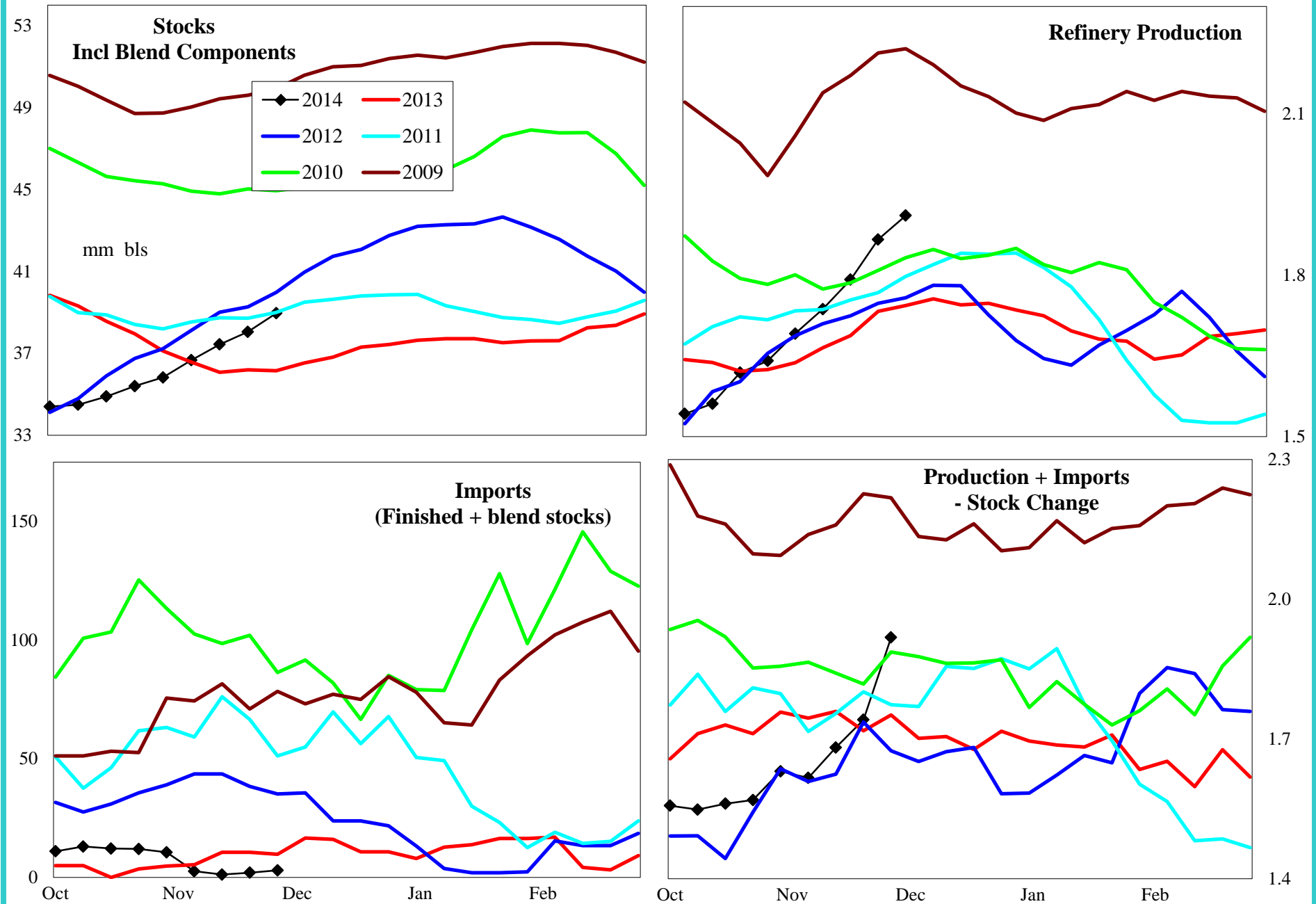
7.9

5.1

#DIV/0!

-17.6

PADD 3 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bbls stks)

% change

Stocks

3,387

9.5

Production

78

4.5

Imports

-12

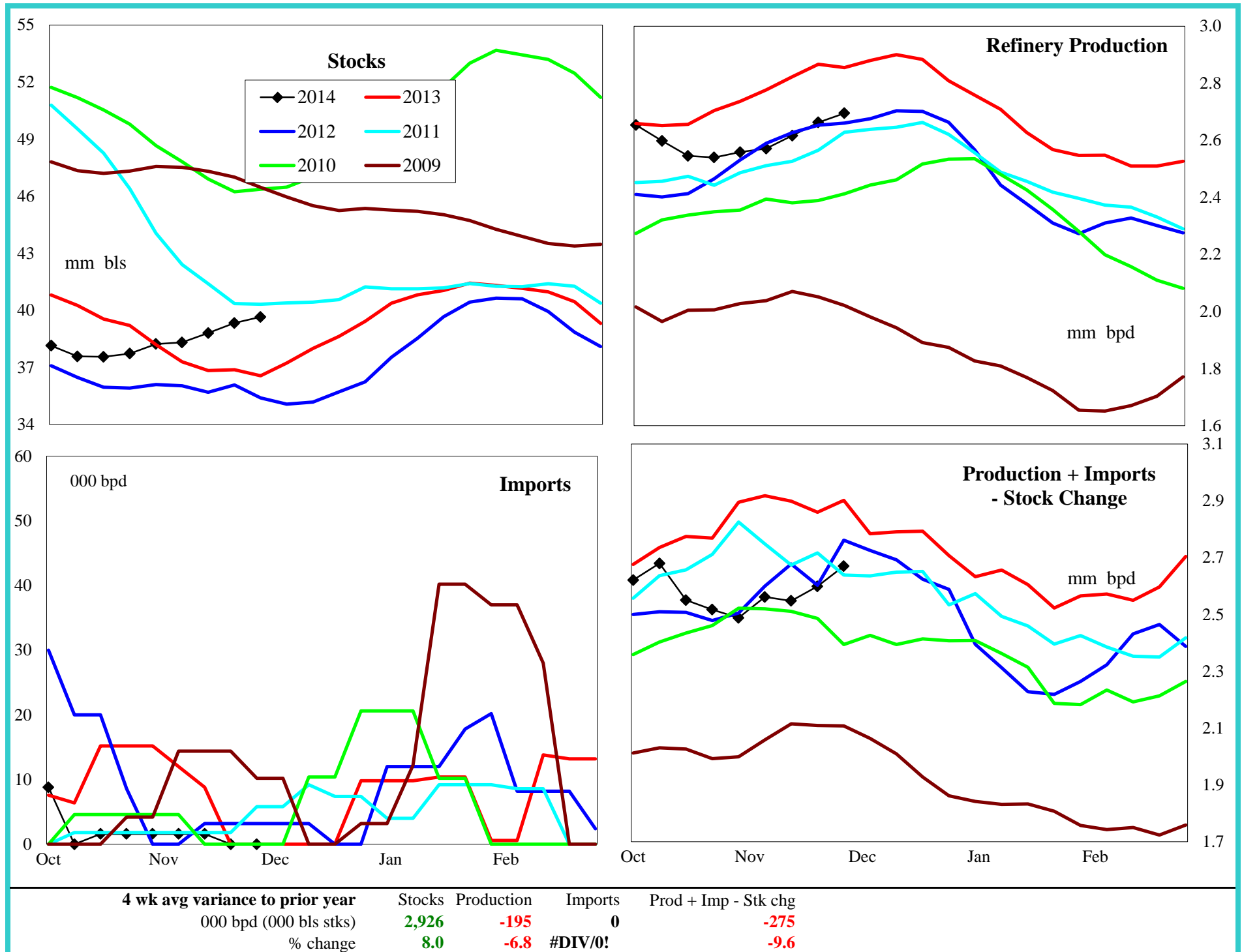
-88.7

Prod + Imp - Stk chg

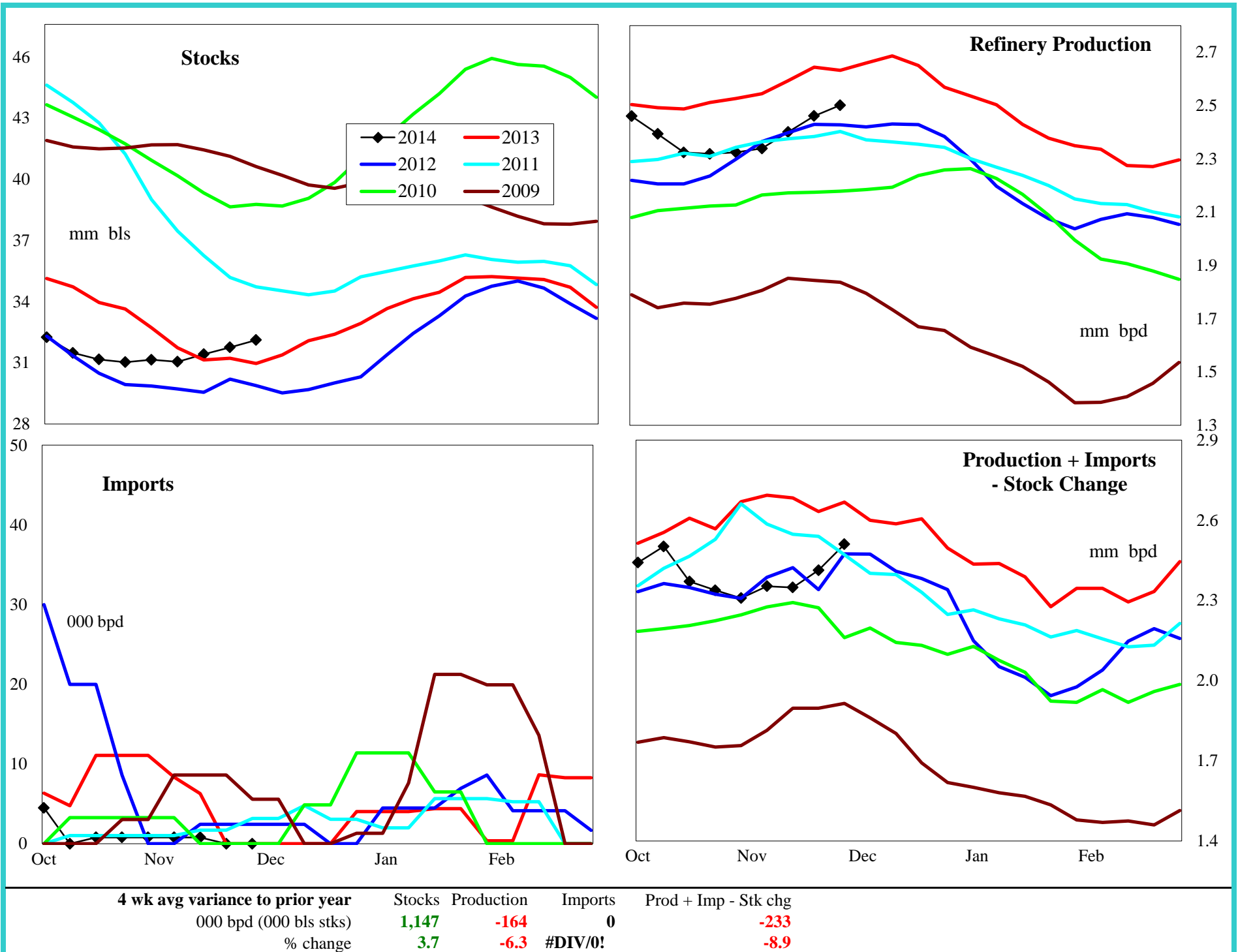
-31

-1.8

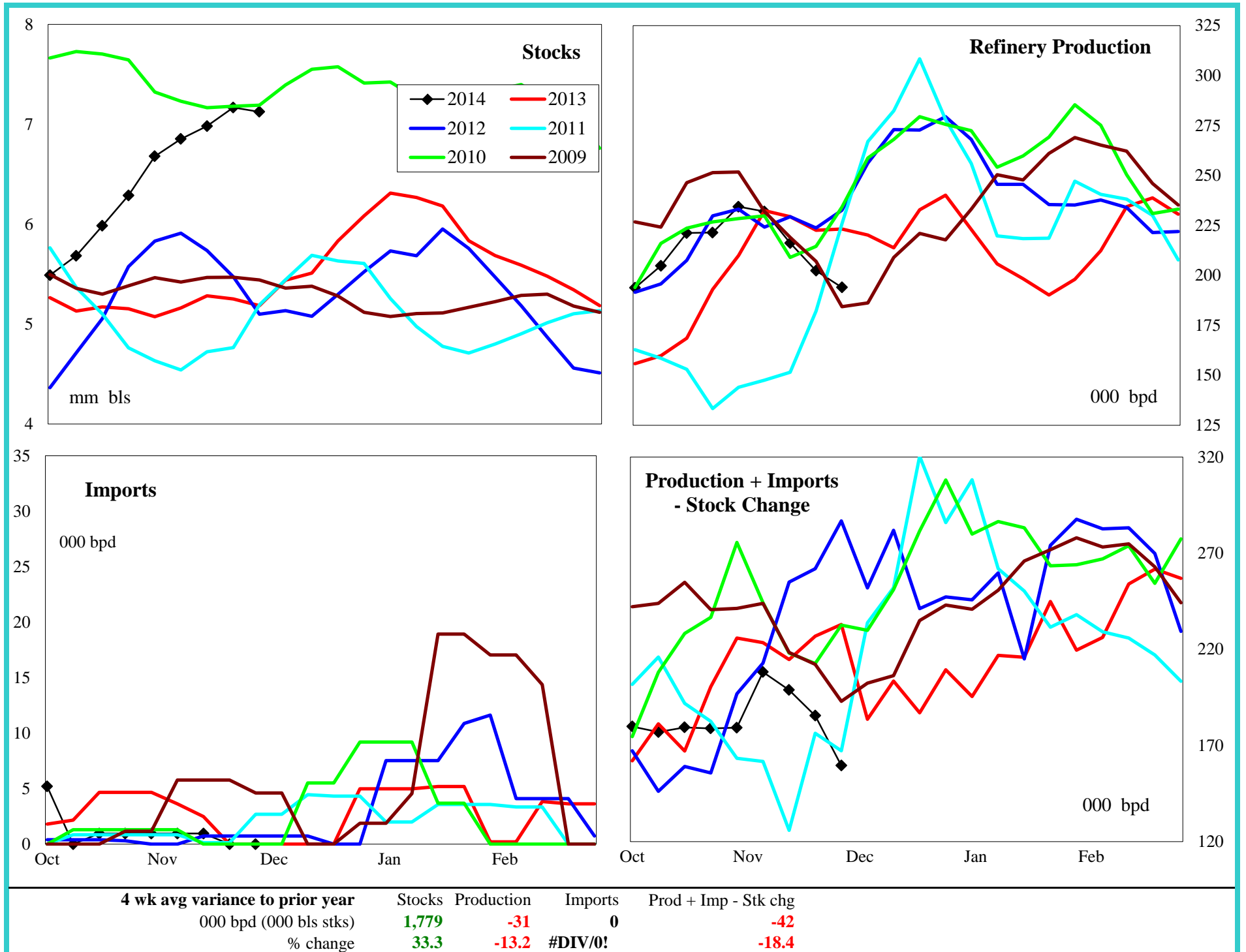
PADD 3 Distillate Supply



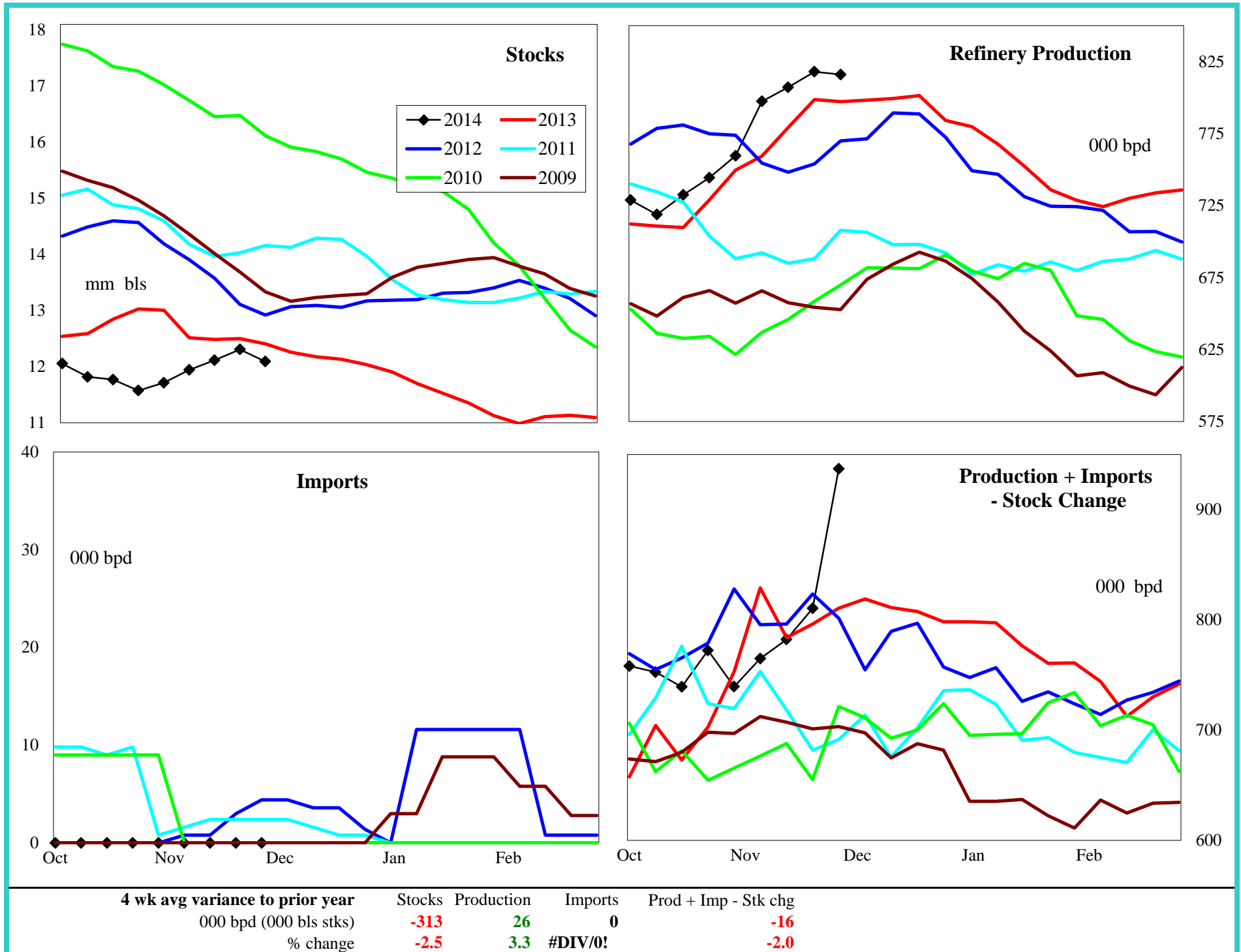
PADD 3 Low Sulfur Distillate Supply



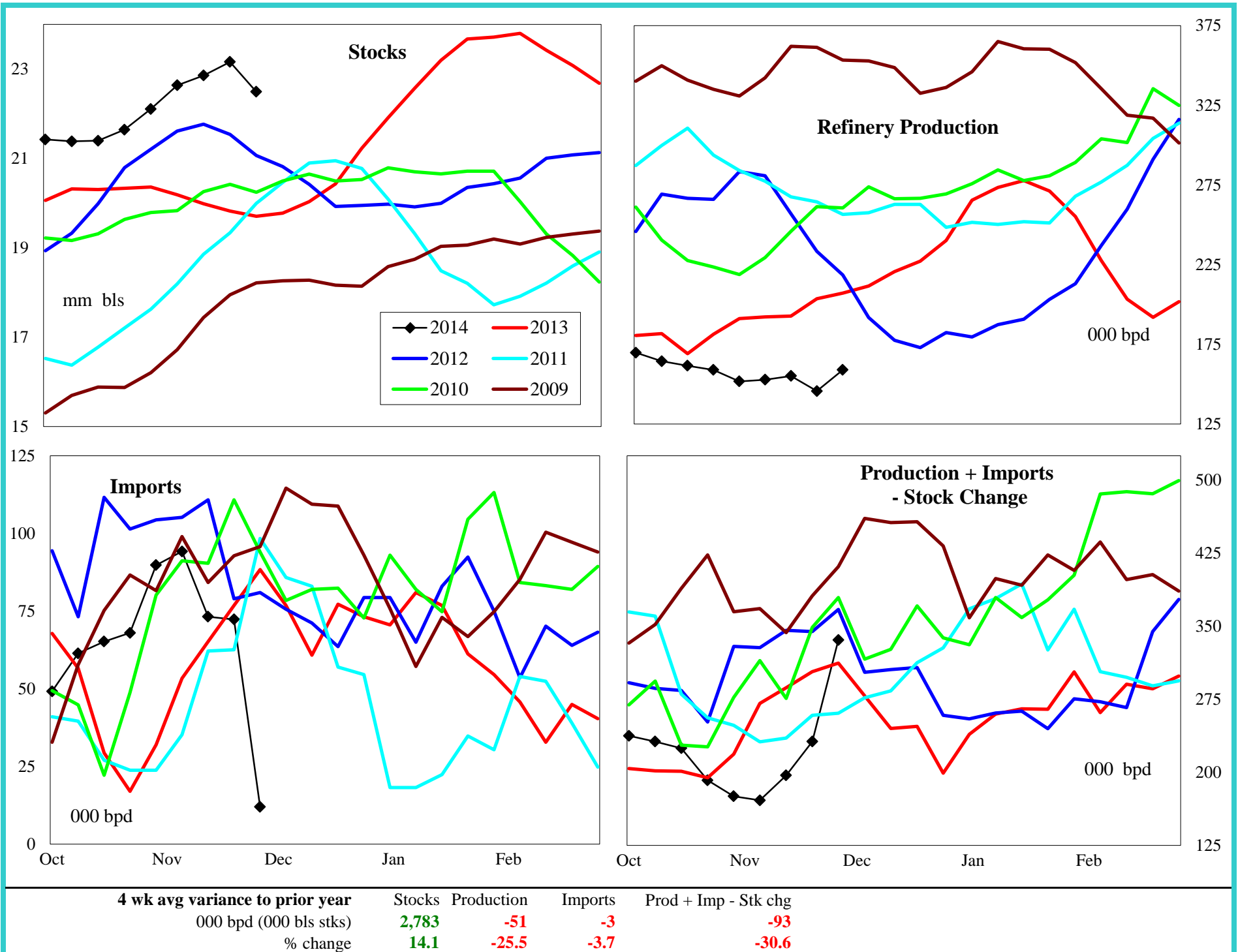
PADD 3 High Sulfur Distillate Supply



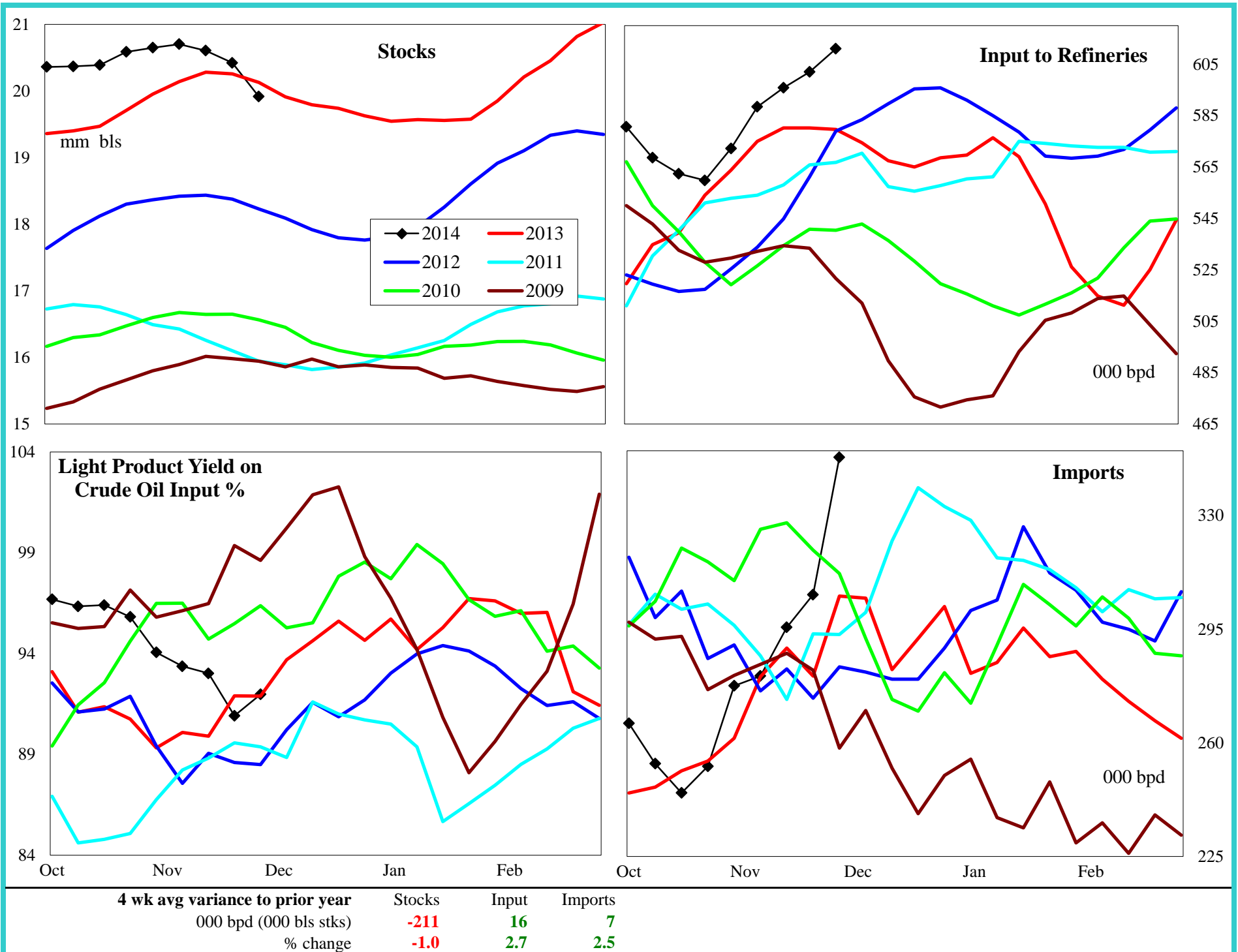
PADD 3 Jet Fuel Supply



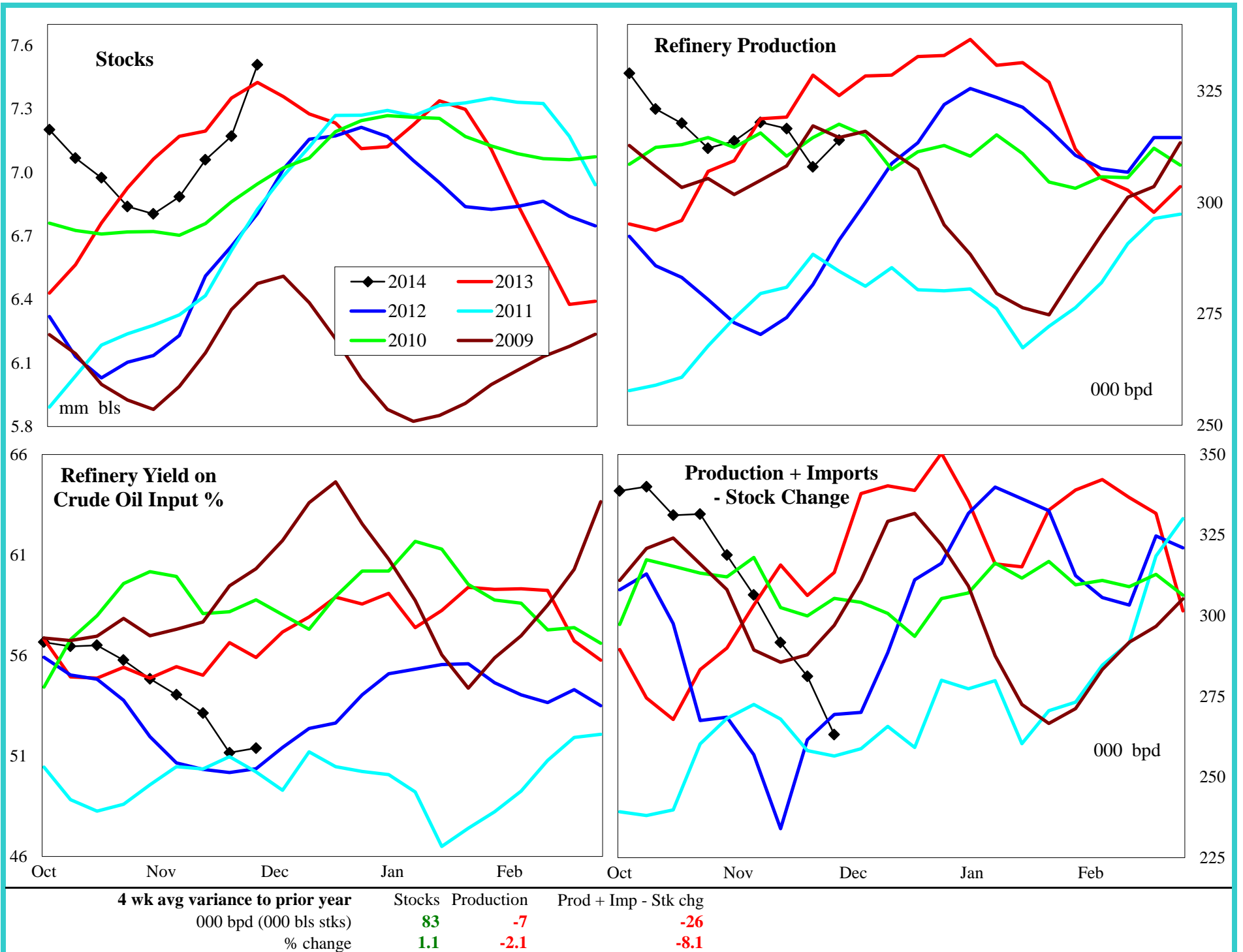
PADD 3 Residual Fuel Oil Supply



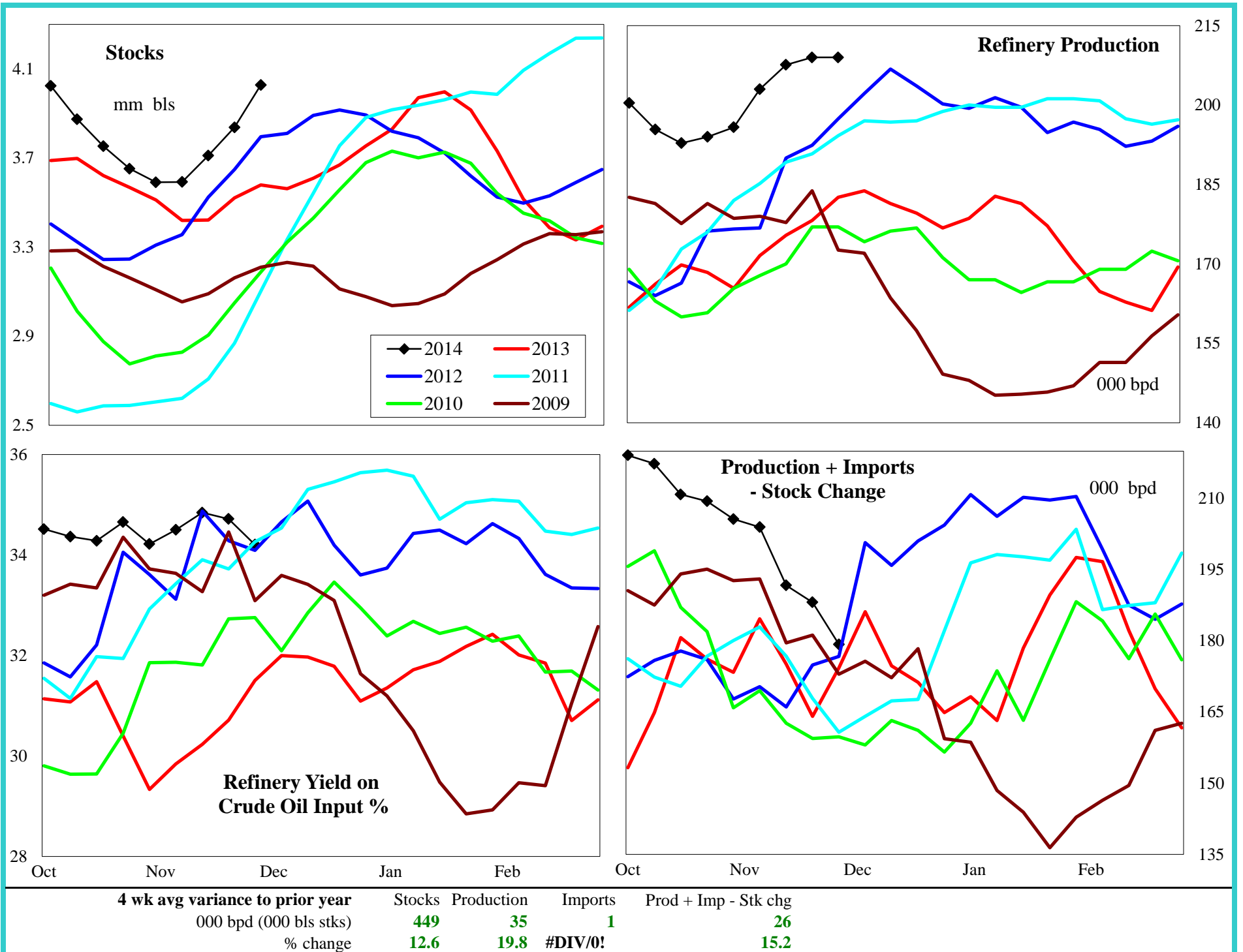
PADD 4 Crude Oil Supply and Refining



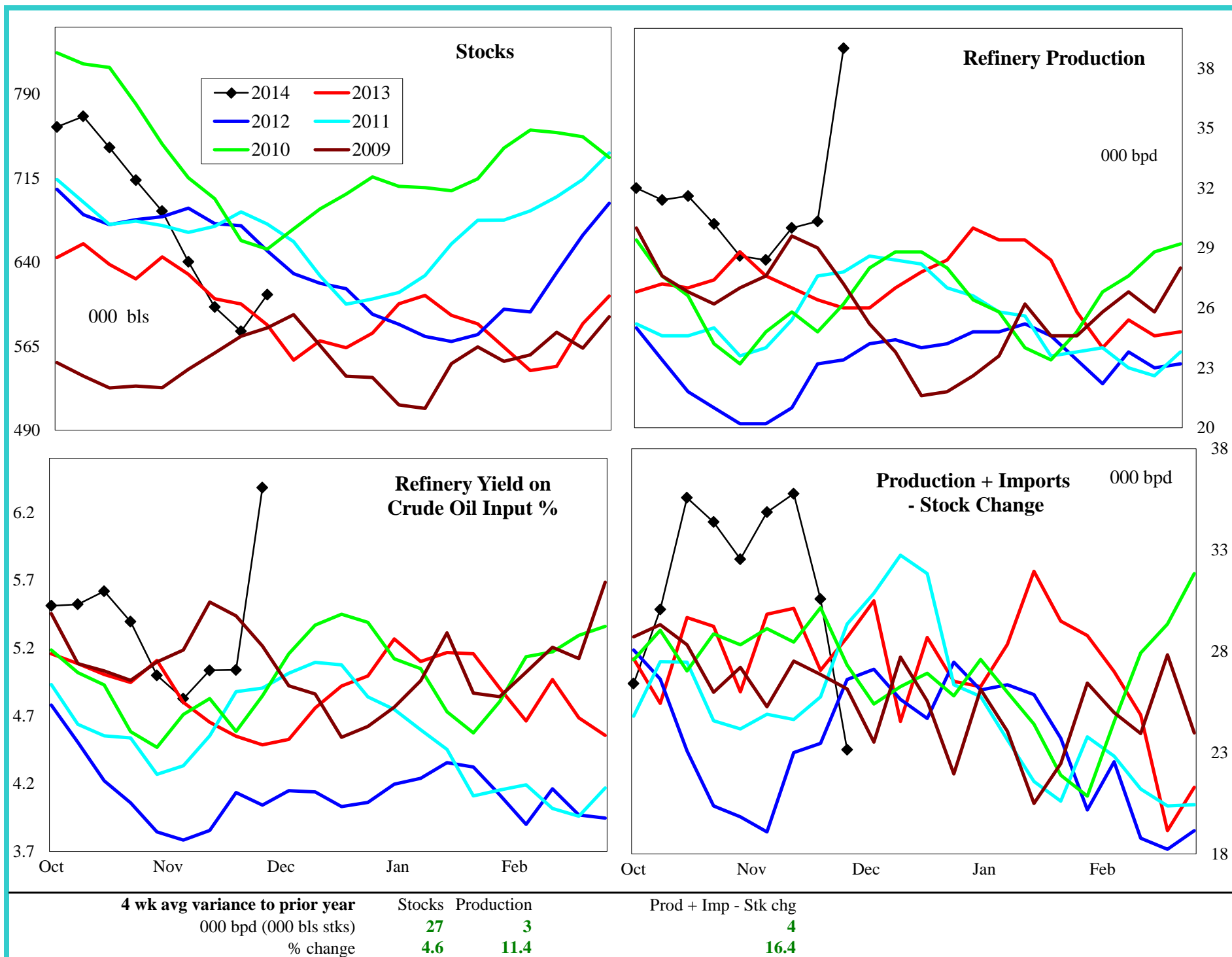
PADD 4 Gasoline Supply



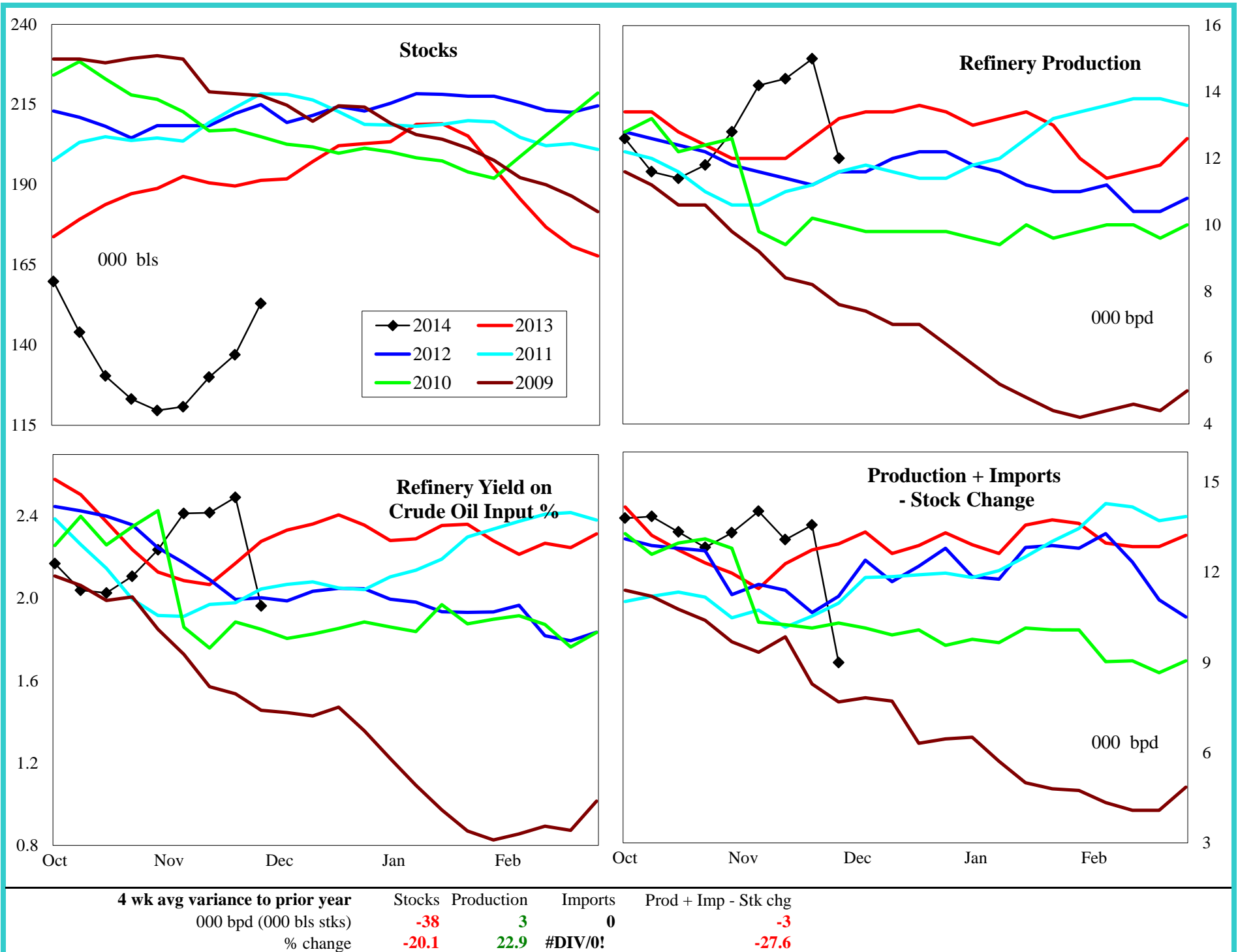
PADD 4 Distillate Supply



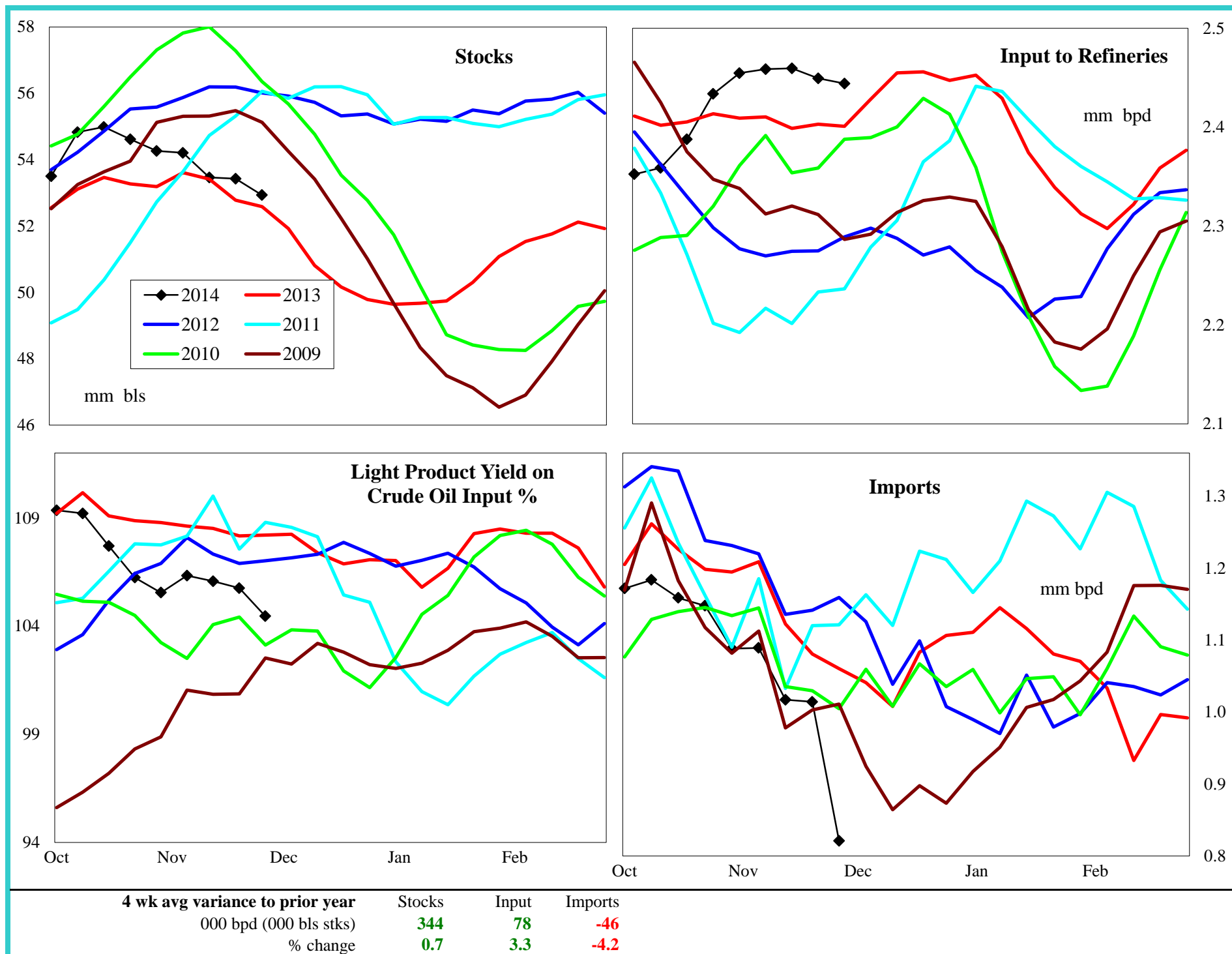
PADD 4 Jet Fuel Supply



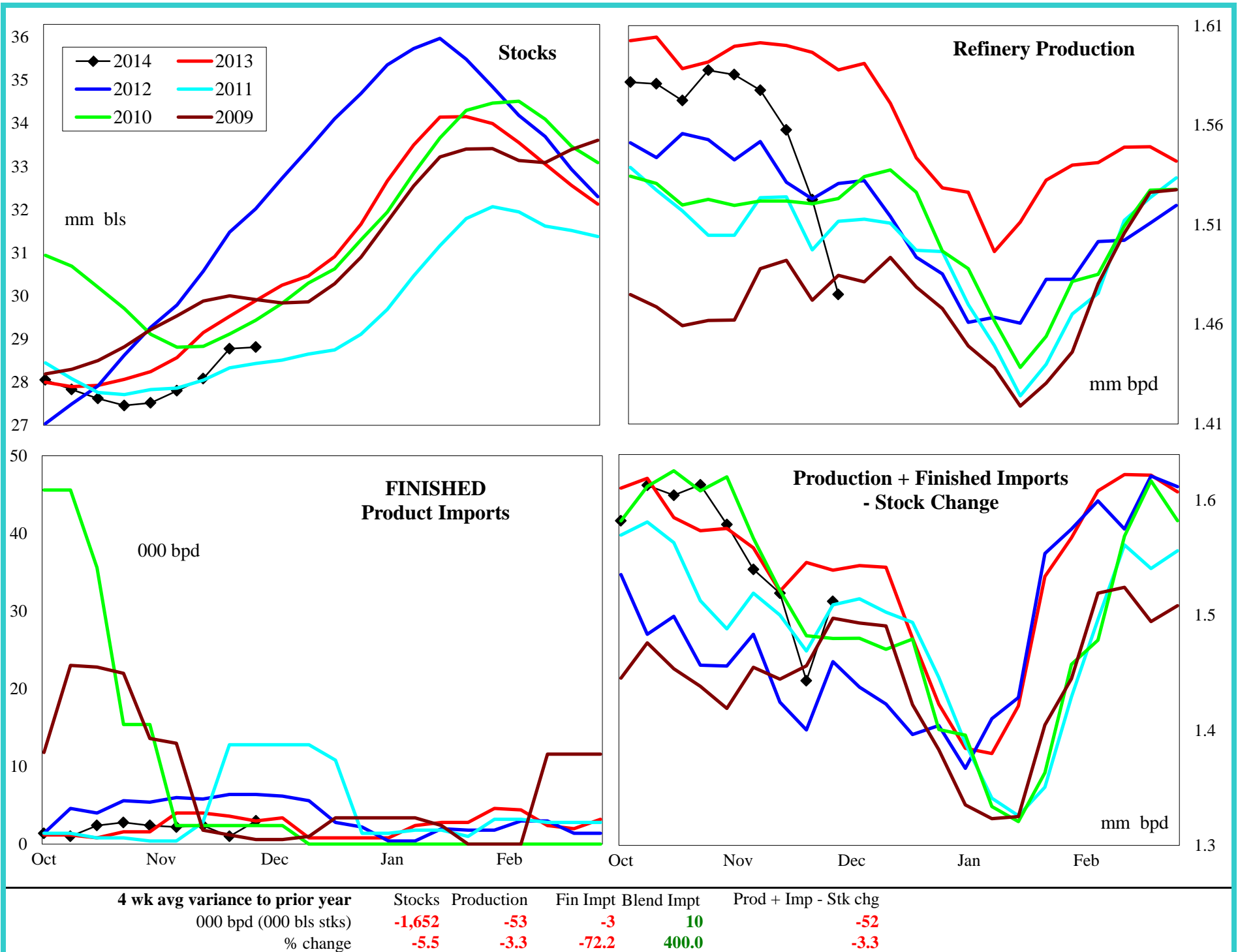
PADD 4 Residual Fuel Oil Supply



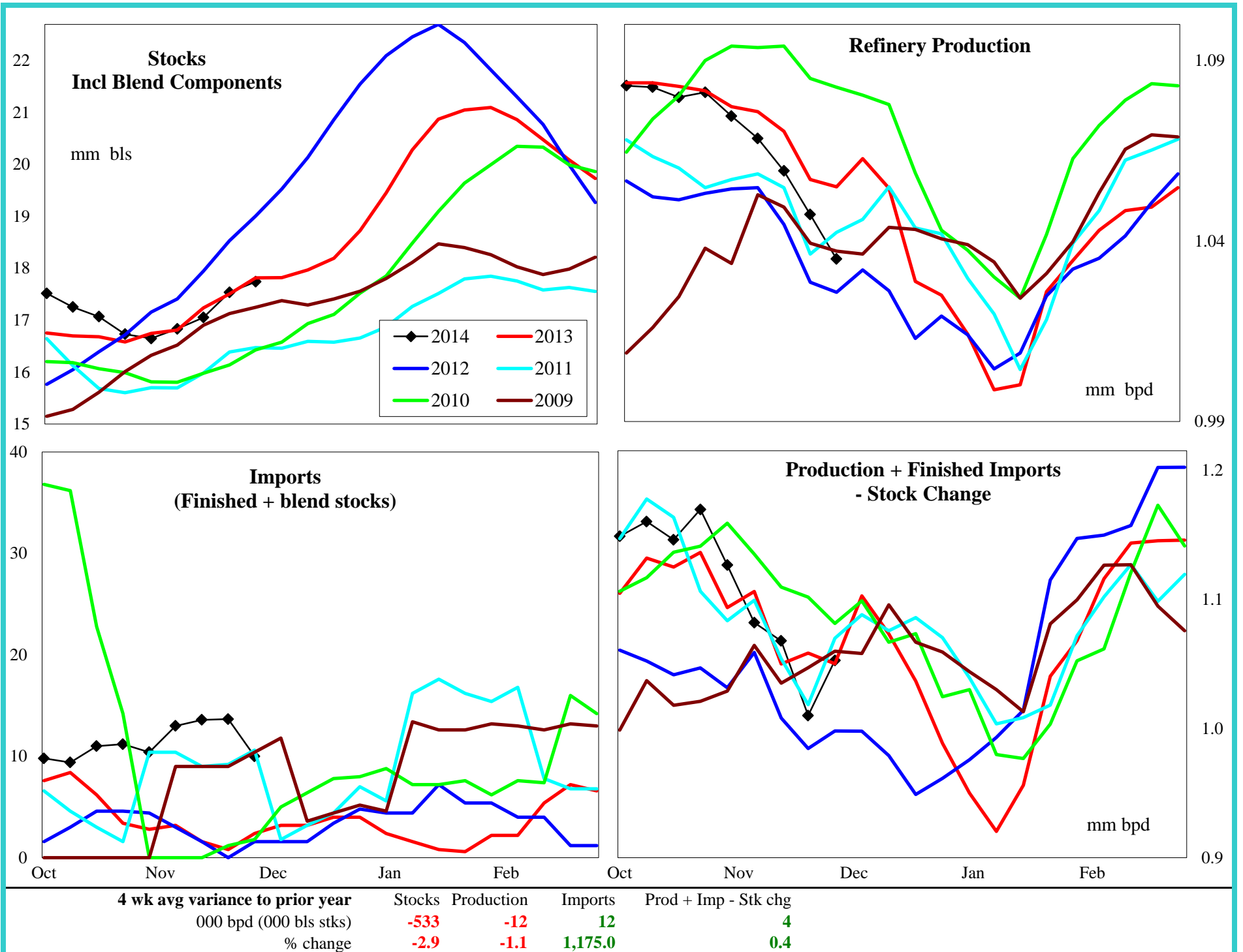
PADD 5 Crude Oil Supply and Refining



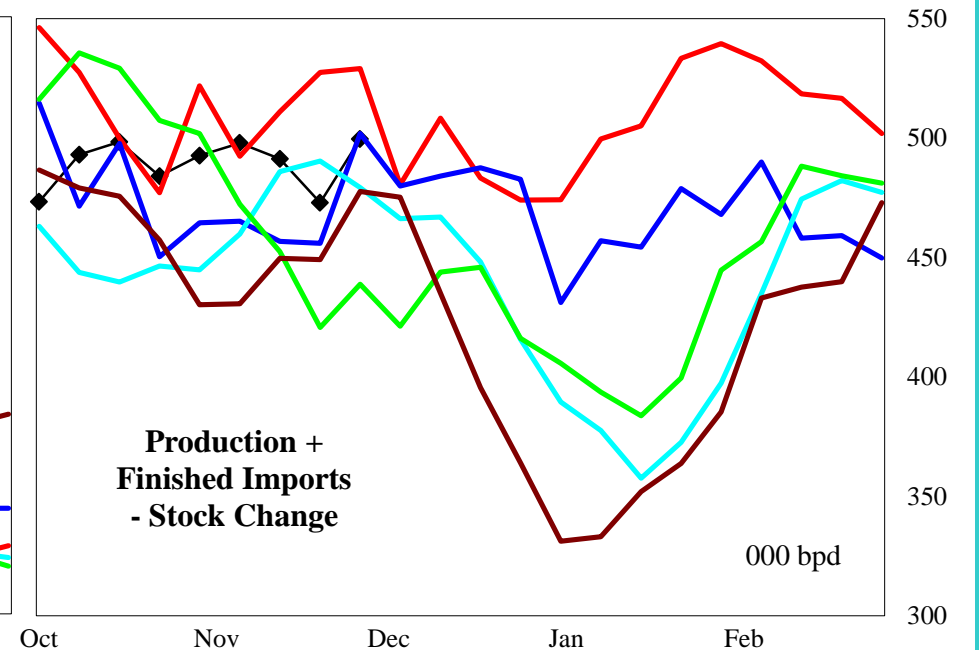
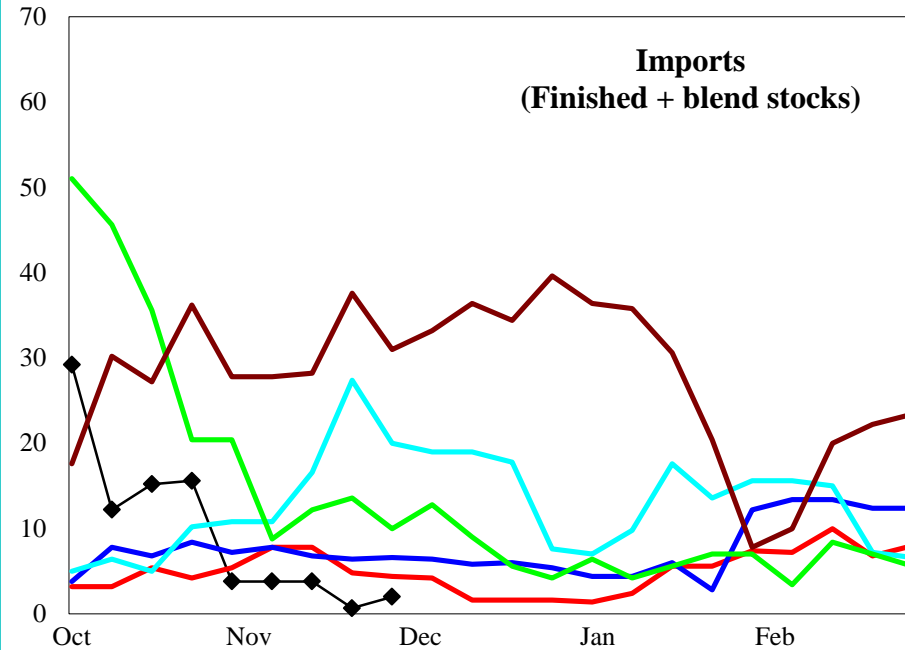
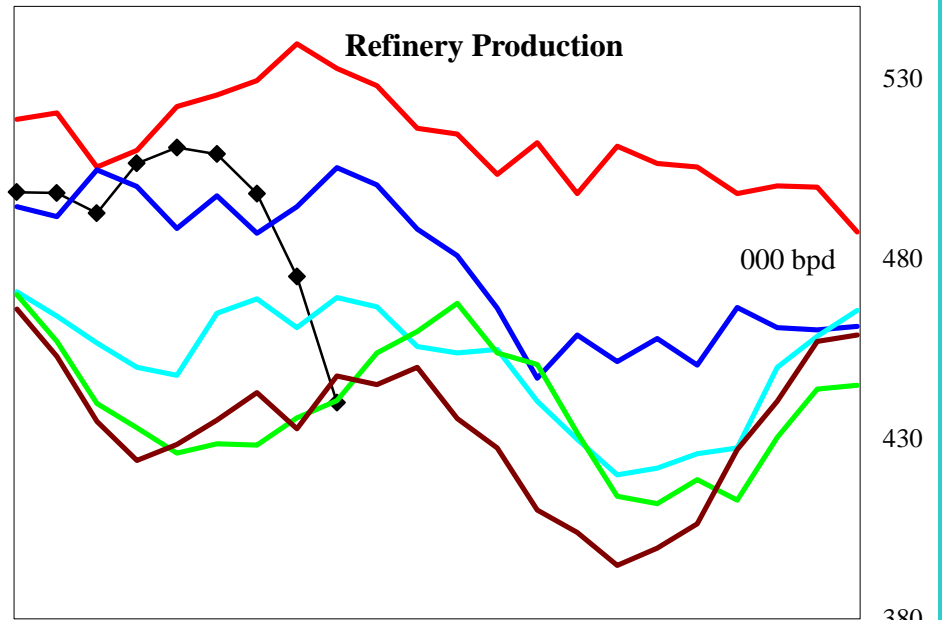
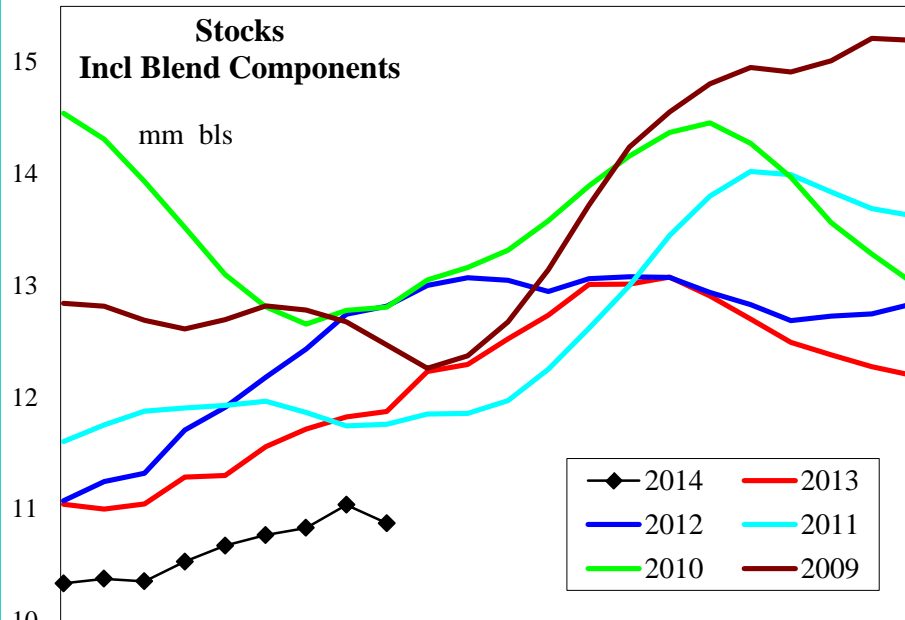
PADD 5 Gasoline Supply



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

-1,119

-41

-5

-56

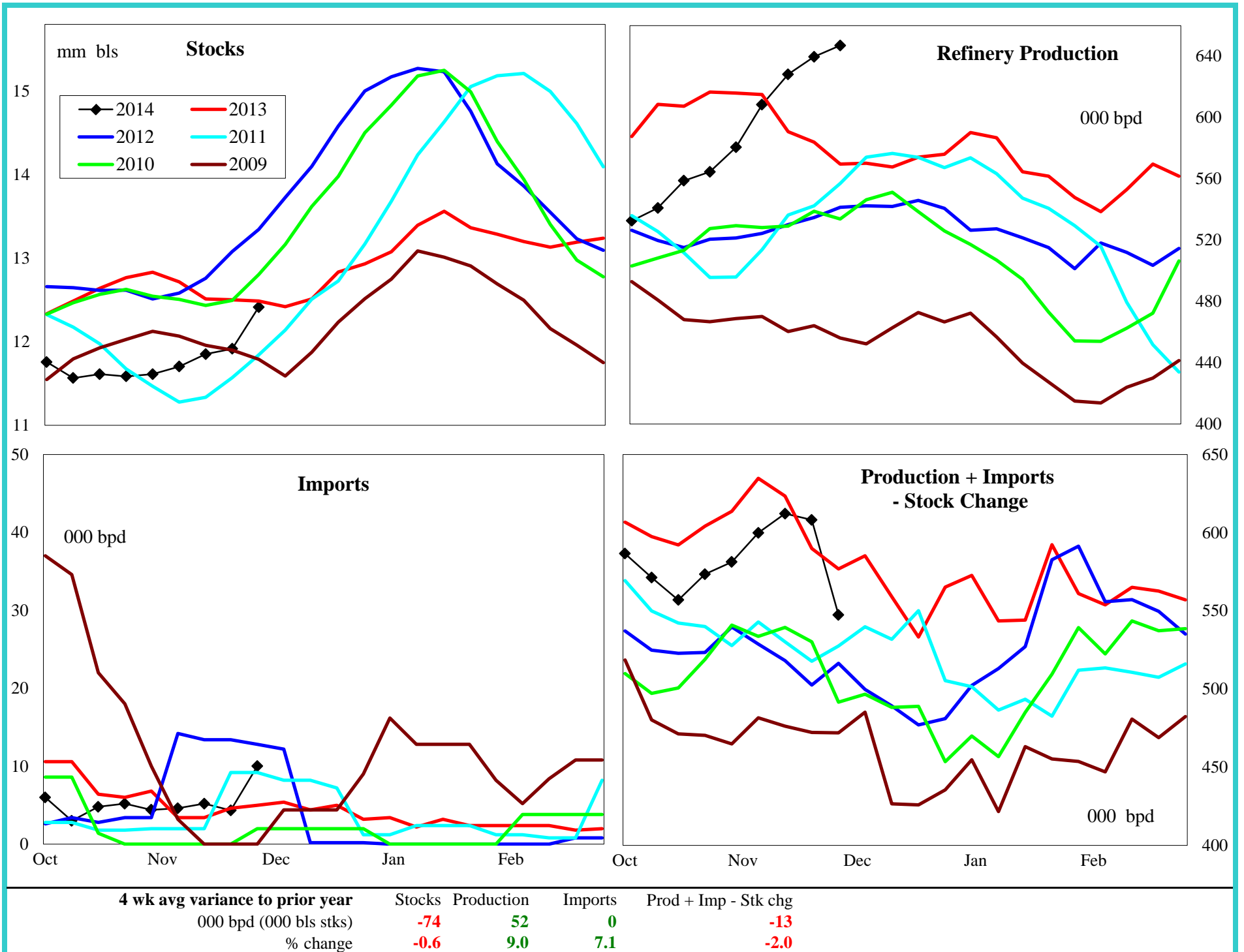
-9.7

-7.5

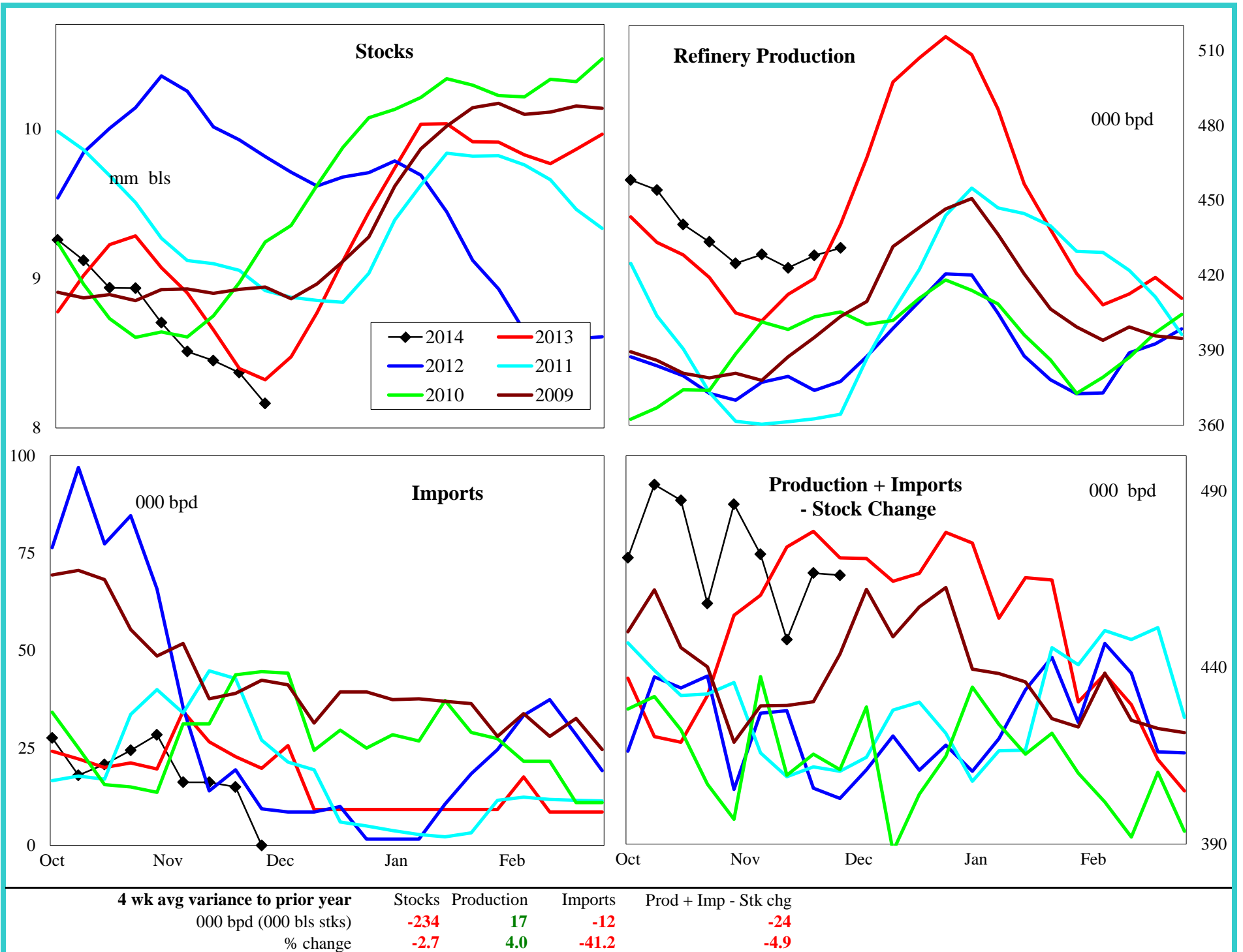
-83.3

-10.5

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

