



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

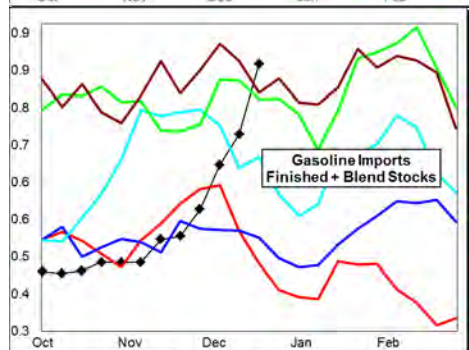
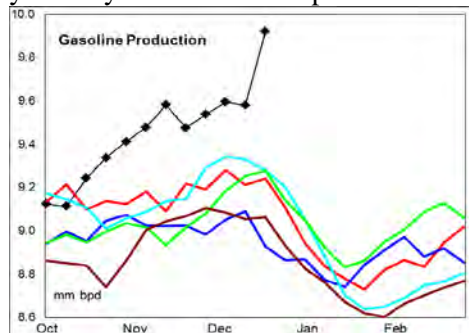
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Friday, December 26, 2014

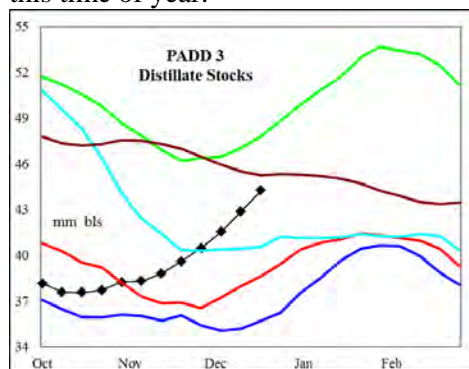


Major Fundamental Trends¹

Exceptionally high wholesale demand for transport fuels has been more than offset by record high seasonal production, a surge in imports and a year on year decline in exports.

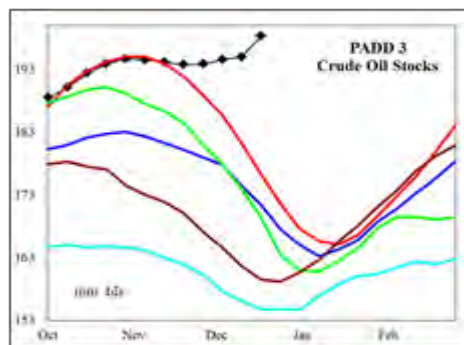


The increased supply of gasoline has lifted stock levels to record highs for this time of year.



Distillate stocks in the Gulf region are +5 million barrels above a year ago, driven by a -0.4 million bpd (-28%) drop in exports.

An over supplied Gulf distillate market and relatively tight supplies in the Northeast has led to record low cash basis in the Gulf region.



Crude oil stocks saw a +7.3 million barrel build last week, including a +5.3 million barrel build in the Gulf region. Imports reached a 15-month high in the region that offset season high refinery runs, driving stock levels to a +22 million barrel increase over last year.

Wholesale Demand for transport fuels increased a combined +0.4 million bpd last week, with the 4-wk average up +0.5 million bpd.

Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +4.1%, distillate increased +3.1%, jet fuel was +4.3% higher, while residual fuel climbed +38%.

Stocks forward coverage: Gasoline demand coverage increased on a +4.1 million barrel stock build partially offset by extremely high wholesale demand. Coverage ended the week at a level that matched the 3-yr mid range.

Distillate coverage decreased on extremely high wholesale demand, even with a +2.3 million barrel stock build for the week. Coverage ended the week at a level below the historic range.

Jet fuel coverage fell on a -0.5 million barrel stock build and very high wholesale demand. Coverage ended the week below the 5-yr range.

Residual fuel oil coverage decreased on lower stocks and higher wholesale demand, to a level near the 3-yr mid range.

Refinery utilization rates increased on a +40,000 bpd rise in crude oil runs last week, concentrated in regions East of the Rockies. During the latest 4-wk

period crude oil input was +306,000 bpd above a year ago.

Gasoline yield % on crude oil runs jumped last week on a +268,000 bpd increase in output compared to the +40,000 bpd rise in crude oil runs. Yield % on crude oil runs ended the week sharply above the last 2-yr.

Distillate yield % on crude oil runs increased, on a +22,000 bpd rise in output compared to the small upturn in crude oil runs. The yield % on crude oil runs was above the last 2-yr.

Jet fuel yield % on crude oil runs spiked last week on a +56,000 bpd jump in output compared the small increase in crude oil runs. The yield % was near record highs for the season.

Petroleum Imports/Exports: Imports of crude oil spiked +1.2 million bpd last week, while combined transport fuel imports climbed +0.4 million bpd.

During the latest 4-wk period crude oil imports were +107,000 bpd above last year; distillate imports were +29,000 bpd higher; finished gasoline imports were -16,000 bpd lower; gasoline blend stock imports were +136,000 bpd higher, jet fuel imports increased +40,000 bpd, and residual fuel imports decreased -39,000 bpd.

Exports of distillate for the week ending 19Dec14 were -382,000 bpd below a year ago, gasoline -81,000 bpd lower, jet fuel +26,000 bpd higher and residual fuel oil was +3,000 bpd higher.

Crude Oil stocks surged +7.3 million barrels on the week, including a +1 million barrel build in Cushing last week. Cushing has seen a +10 million barrel build during the last quarter.

Gulf region crude oil stocks ended the week +22 million barrels above last year's record high for the period on a 15-month high in imports that offset record crude oil runs.

During the most recent 4-wk period U.S. crude oil stocks saw a +4 million barrel build compared to an average -10 million barrel draw.

¹ Source is latest EIA Weekly Statistics



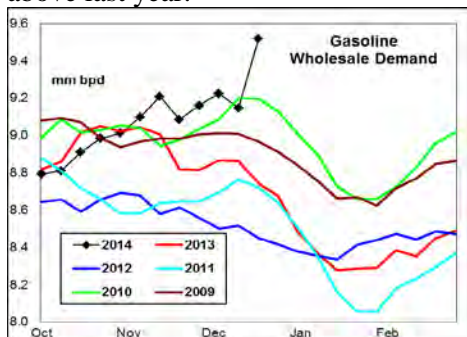
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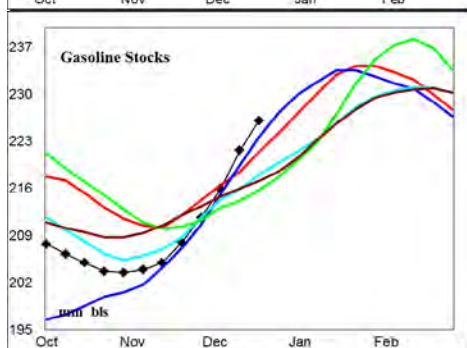
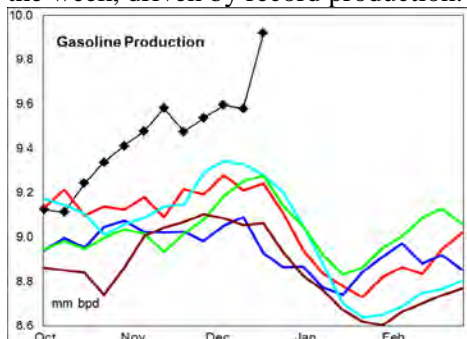
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Product Supply-Demand Trends

Gasoline wholesale demand increased +145,000 bpd last week, following the prior week surge. The latest 4-wk average demand was +363,000 bpd above last year.



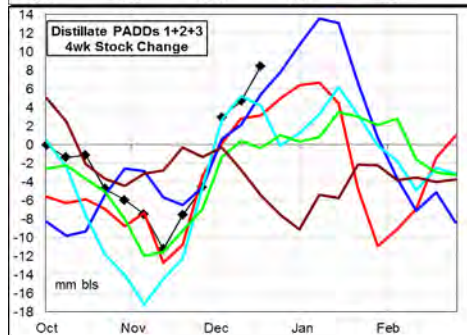
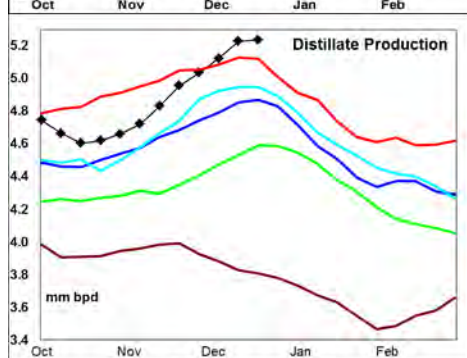
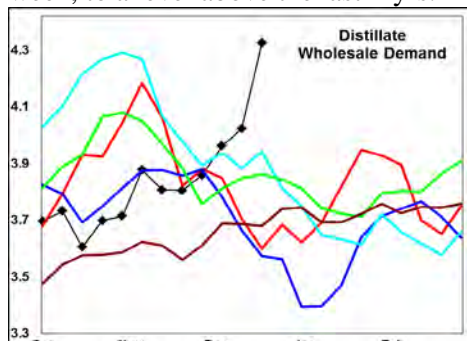
Supply climbed +0.4 million bpd last week on higher production and imports. Supply for the latest 4-wk period exceeded a year ago by +331,000 bpd on higher production. Stocks climbed +4.1 million barrels on the week, driven by record production.



With stocks now above the 5-yr range, and an immediate seasonal decline in demand ahead, look for stock levels to reach a season record high early next year.

Distillate wholesale demand increased +64,000 bpd last week, following the prior week spike. The latest 4-wk average demand was +118,000 bpd above last year.

Supply jumped +257,000 bpd on higher imports and production. Production was +77,000 bpd above last year for latest 4-wk period, with imports +29,000 bpd higher. Stocks increased +2.3 million barrels on the week, to a level above the last 2-yrs.



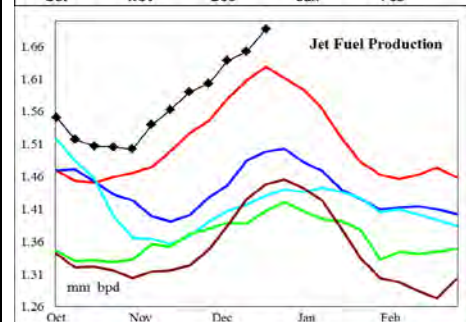
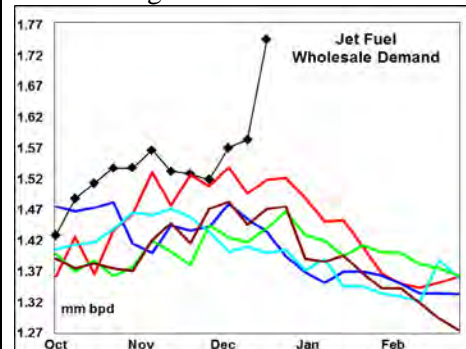
The latest 4-wk stock change in markets East of the Rockies was a +8.5 barrel build, a record rate of build for the period.

Look for an immediate pull back in wholesale demand, weak exports, combined with record production and imports to drive very high stock builds into early next year.

Jet Fuel wholesale demand jumped +227,000 bpd on the week, with the 4-wk average +65,000 bpd above last year. Production for the most recent 4-wk period was +46,000 bpd above last

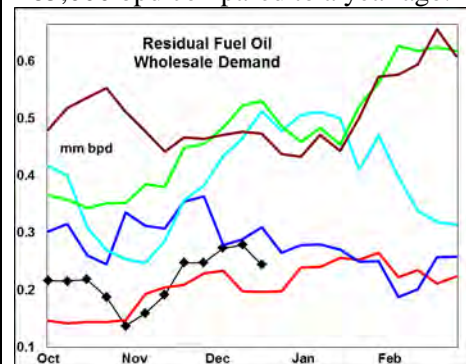
year. Imports were +40,000 bpd higher, on a record level last week.

Stocks decreased -0.5 million barrels last week, to a level below the historic range.



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

Residual fuel oil demand increased +113,000 bpd on the week. Demand for the latest 4-wk period increased +85,000 bpd compared to a year ago.



Supply (production + imports) increased +63,000 bpd on the week, due to higher imports. Stocks fell to a record low level for the period.

Stocks in the Gulf region remain near historic highs, although imports and production are each below the 5-yr range.



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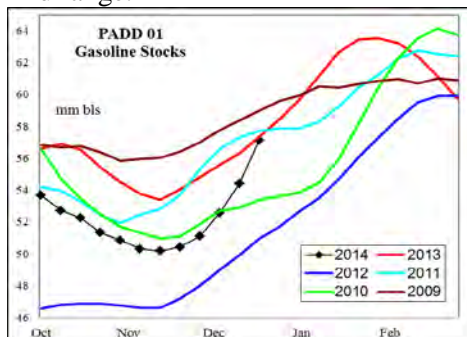
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PADD Supply Trends

PADD 1 refinery crude oil runs increased +33,000 bpd last week to a level that matched 3-yr highs for the period.

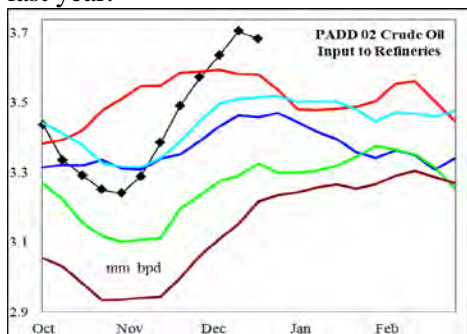
Gasoline supply increased +290,000 bpd on higher imports and production, with the 4-wk average +94,000 bpd above last year. Stocks increased +3.4 million barrels last week, to a level that matched the 3-yr mid range.



Distillate supply jumped +180,000 bpd last week, with the 4-wk average +11,000 bpd above last year. Stocks fell -1.3 million barrels on the week, to a level below the 5-yr range.

Jet fuel supply climbed +61,000 bpd last week on record high imports, with the 4-wk average was +74,000 bpd above last year. Stocks ended the week near historic lows.

PADD 2 crude oil refinery runs increased +14,000 bpd on the week, a level above the 5-yr range. The latest 4-wk average was +91,000 bpd above last year.



Crude oil stocks increased +1.3 million barrels last week, with the level -4 million barrels below a year ago. Cushing saw a +1 million barrel stock build on the week.

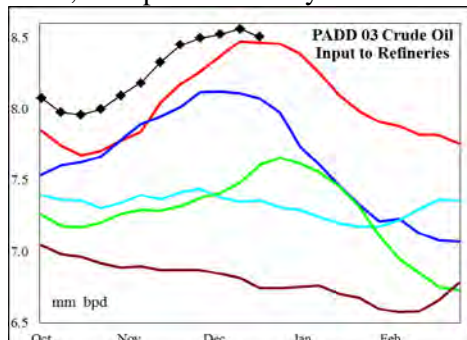
Gasoline supply increased +5,000

bpd on the week. Production for the most recent 4-wk period was -30,000 bpd below a year ago. Stocks increased +1 million barrels on the week, a level still -4% below last year.

Distillate supply increased +41,000 bpd on the week, to a record high level for the winter quarter. Stocks climbed +1.6 million barrels on the week, to a level that matched the last 2-ys.

Jet fuel production increased +20,000 bpd on the week, a record high level for the winter quarter. Stocks ended the week -11% below last years' record lows.

PADD 3 refinery runs increased +11,000 bpd on the week, to a level that matched last year. During the latest 4-wk period, average runs were +118,000 bpd above last year.



Crude oil stocks spiked +5.3 million barrels last week, ending at a level +22 million barrels above the prior record for the period. Imports jumped +0.4 million bpd on the week, with the 4-wk average -0.3 million bpd below a year ago.

Gasoline supply fell -136,000 bpd last week, with the latest 4-wk average +206,000 bpd above a year ago. Stocks fell -2.2 million barrels on the week, to a level near historic highs.

Distillate supply increased +57,000 bpd on the week, with the latest 4-wk average supply -87,000 bpd below a year ago. Stocks increased +1.6 million barrels on the week, to a level +14% above last year.

Jet fuel production increased +62,000 bpd on the week, to a record high level for the winter quarter. Stocks increased +0.8 million barrels to a level above last years' record low.

Residual fuel supply decreased -27,000 bpd on lower production. Stocks were nearly unchanged at a level that matched the 3-yr average.

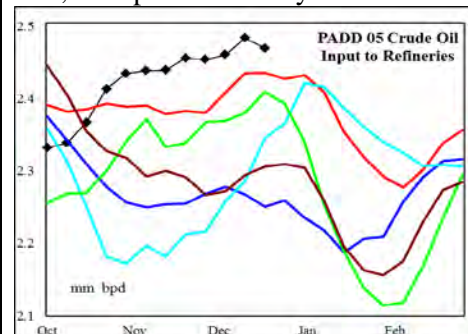
PADD 4 refinery crude runs decreased -24,000 bpd last week, to a level that matched historic highs for the winter quarter, with the latest 4-wk average was +30,000 bpd above a year ago.

Gasoline production decreased -20,000 bpd last week, with the latest 4-wk average -26,000 bpd below last year. Stock levels ended the week +9% above the prior record high.

Distillate supply decreased -14,000 bpd last week, with the latest 4-wk production +36,000 above last year. Stock levels ended the week +25% above last year and a new record high.

Jet fuel production decreased -2,000 bpd to a level that matched historic highs, while stock levels ended the week near the 3-yr mid range.

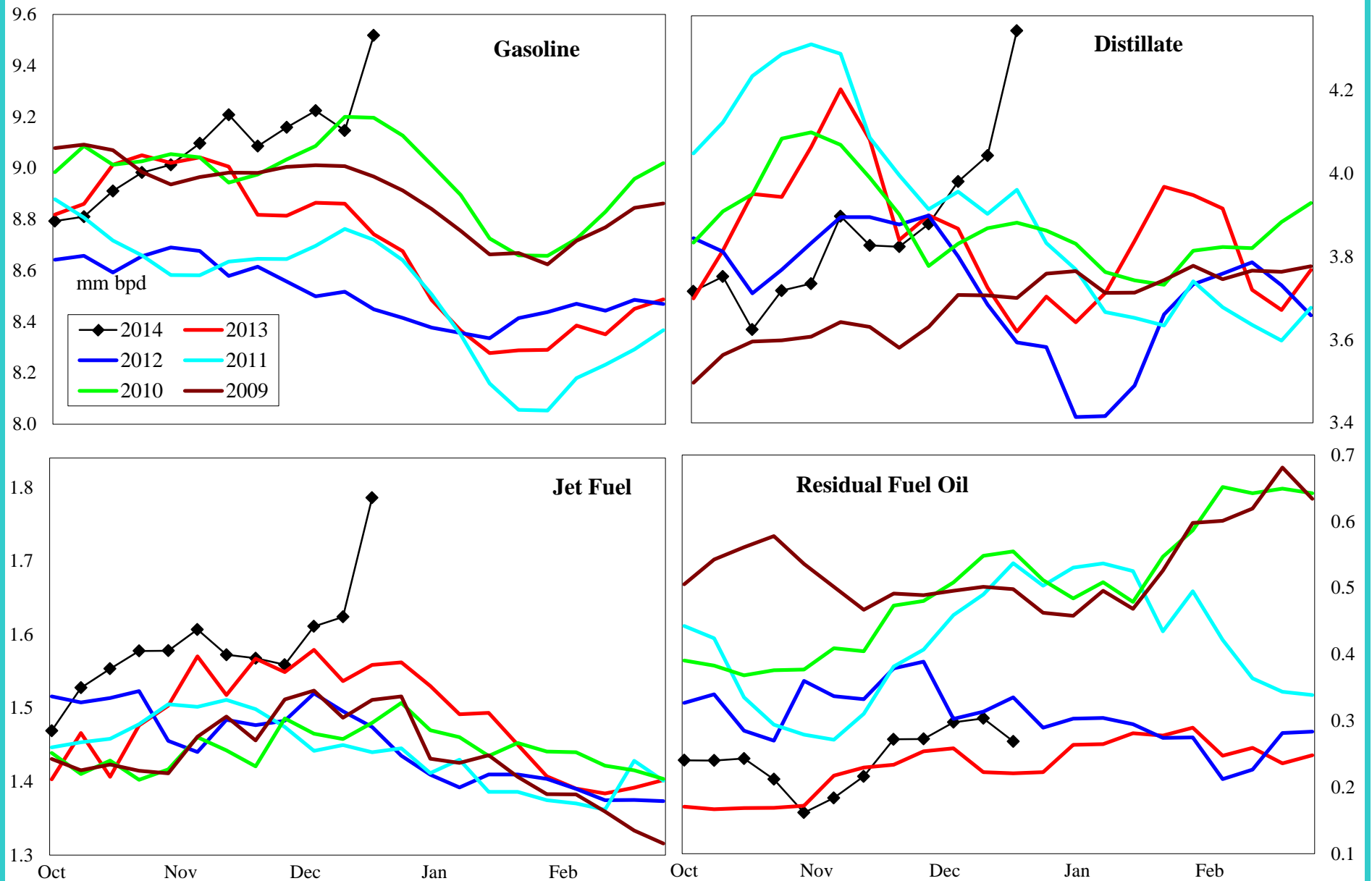
PADD 5 crude oil refinery runs increased +5,000 bpd last week, ending at a level above the 5-yr range for the period. The 4-wk run rate was +41,000 bpd above last year.



Gasoline supply climbed +72,000 bpd on the week, to a new record high, with the 4-wk average -39,000 bpd below a year ago. Stocks surged +1.8 million barrels on the week, ending at a level near historic highs for the period.

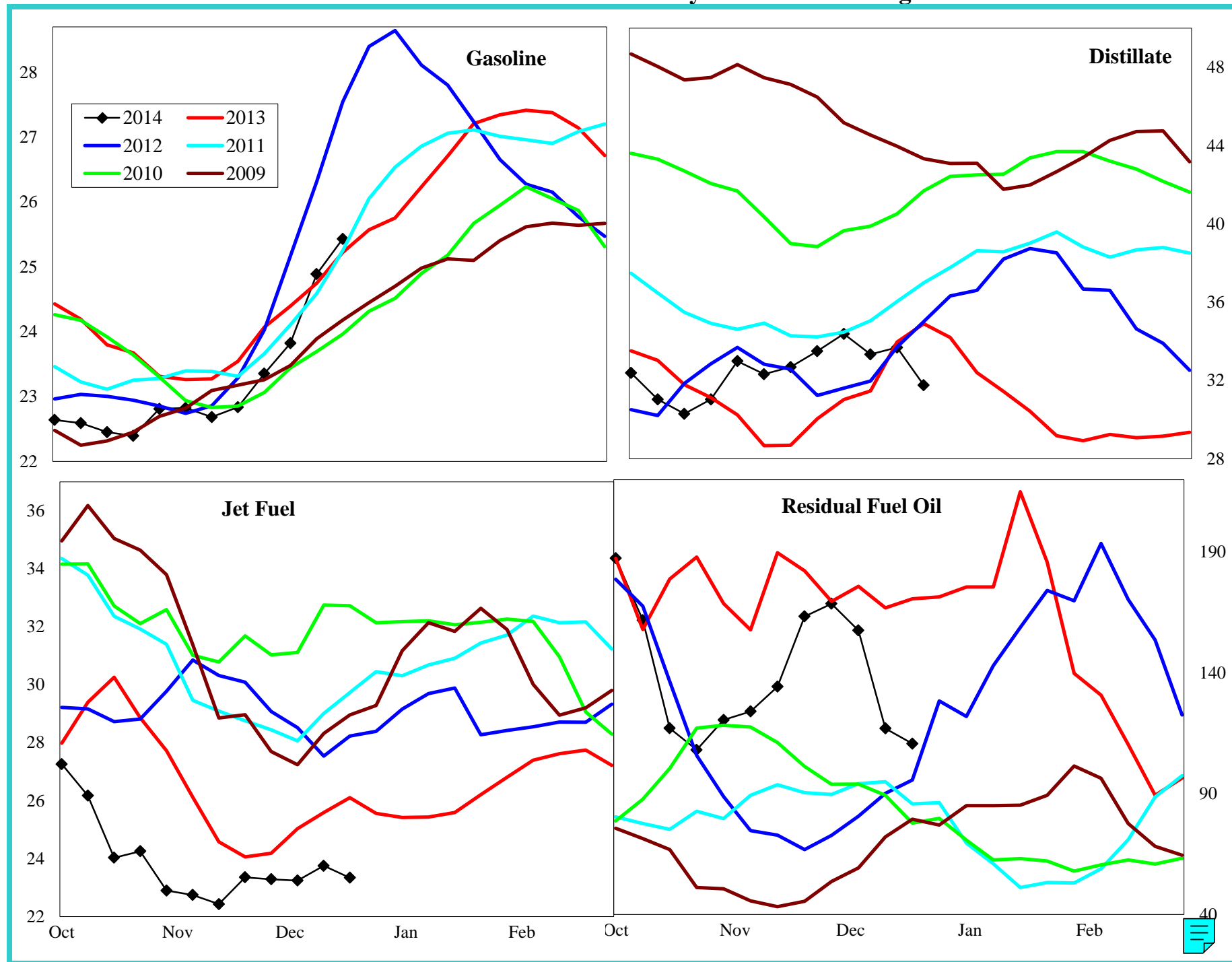
Distillate supply decreased -4,000 bpd last week, although production remains extremely high. The 4-wk average supply was +17% above a year ago. Stocks increased +0.2 million barrels, to a level above the 3-yr mid range.

United States Wholesale Petroleum Demand

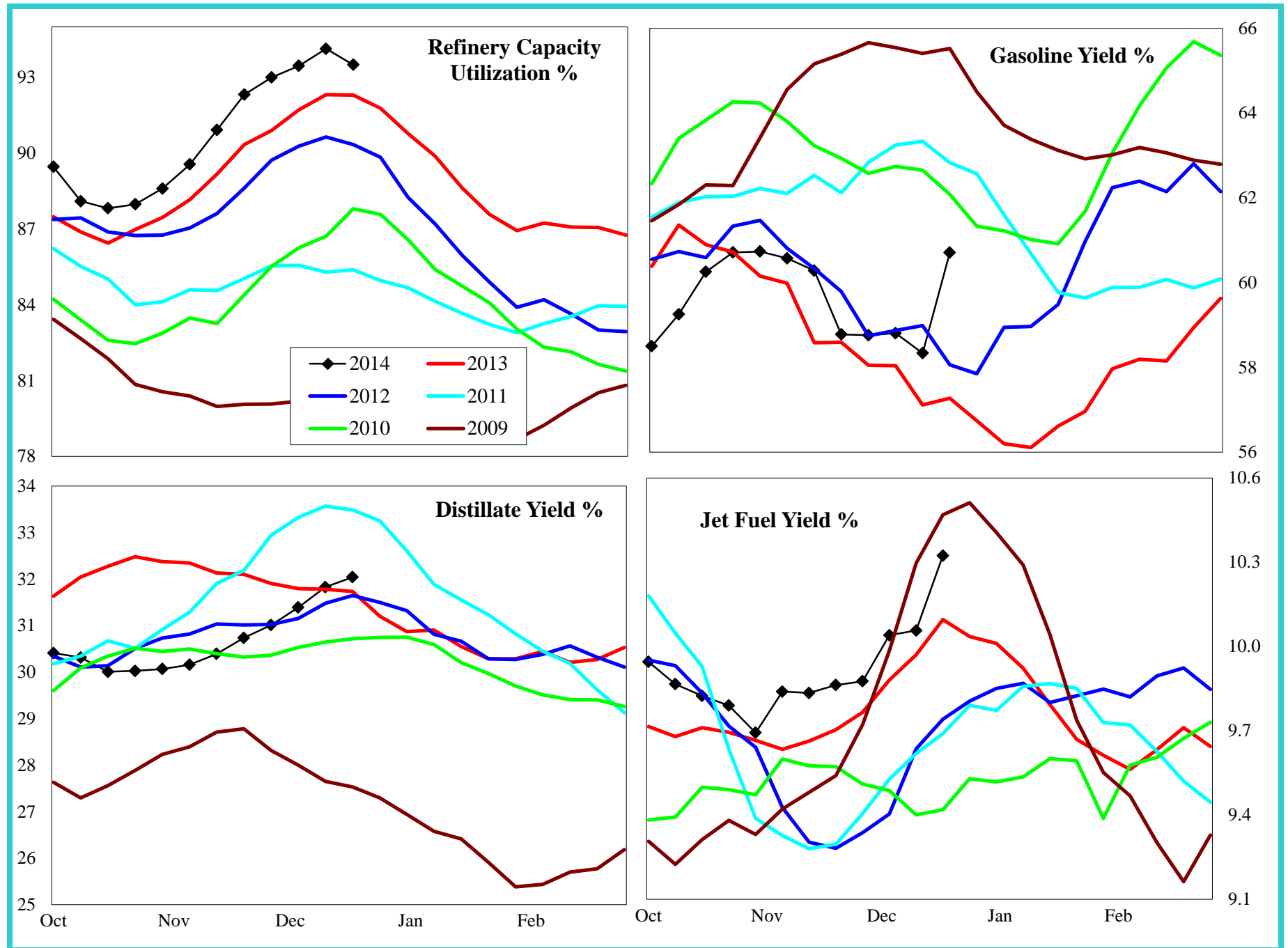


	000 bpd change from prior year				% change from prior year			
	4wk avg	Nov	Oct	Sep	4wk avg	Nov	Oct	Sep
Gasoline	363	473	156	-220	4.1	5.4	1.8	-2.5
Distillate	118	1	-489	196	3.1	0.0	-11.9	5.3
Jet Fuel	65	117	79	58	4.3	8.2	5.4	4.1
Resid	85	-111	-78	-82	38.2	-33.6	-25.6	-23.5

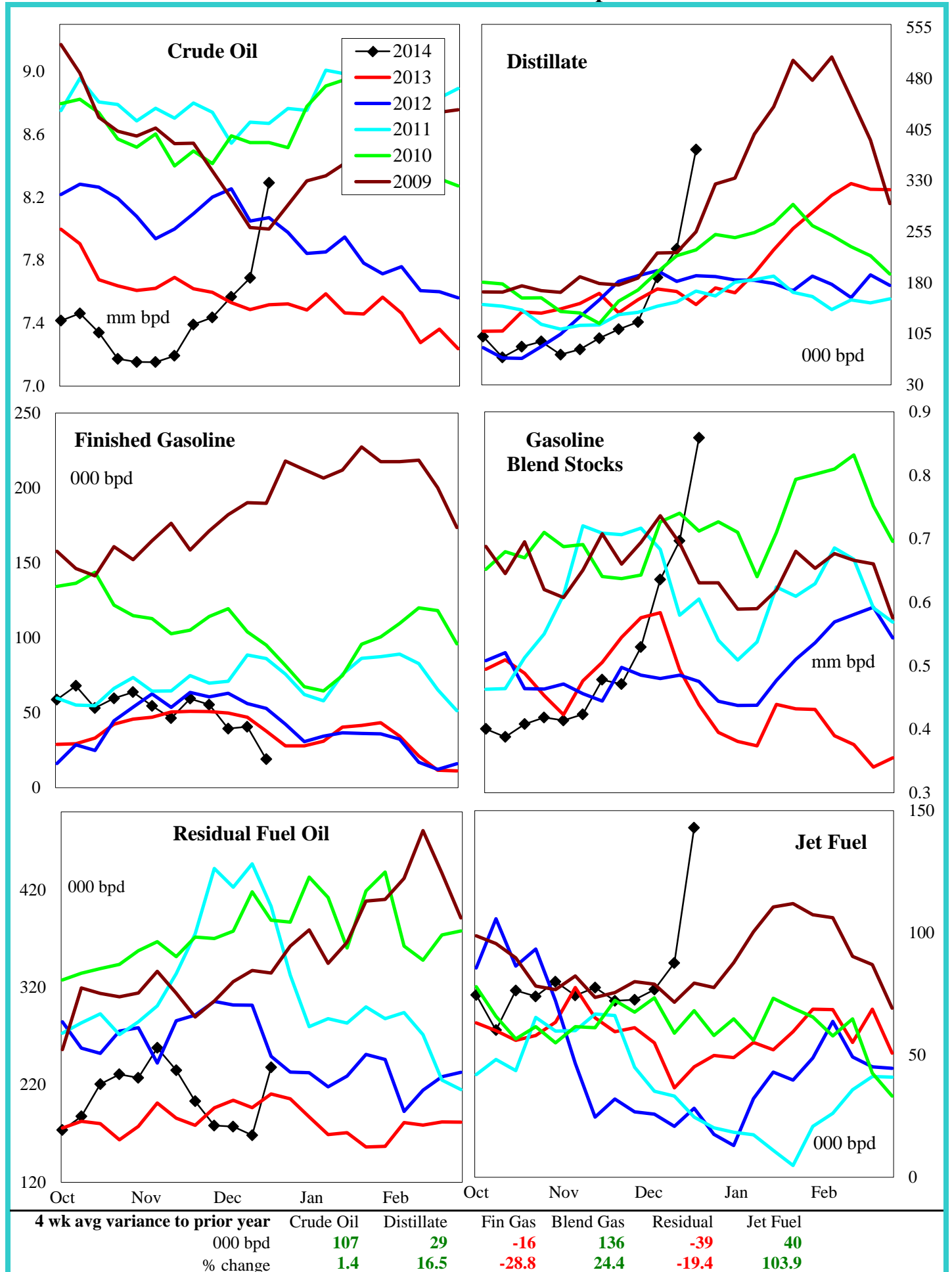


United States Product Stocks: Days Forward Coverage

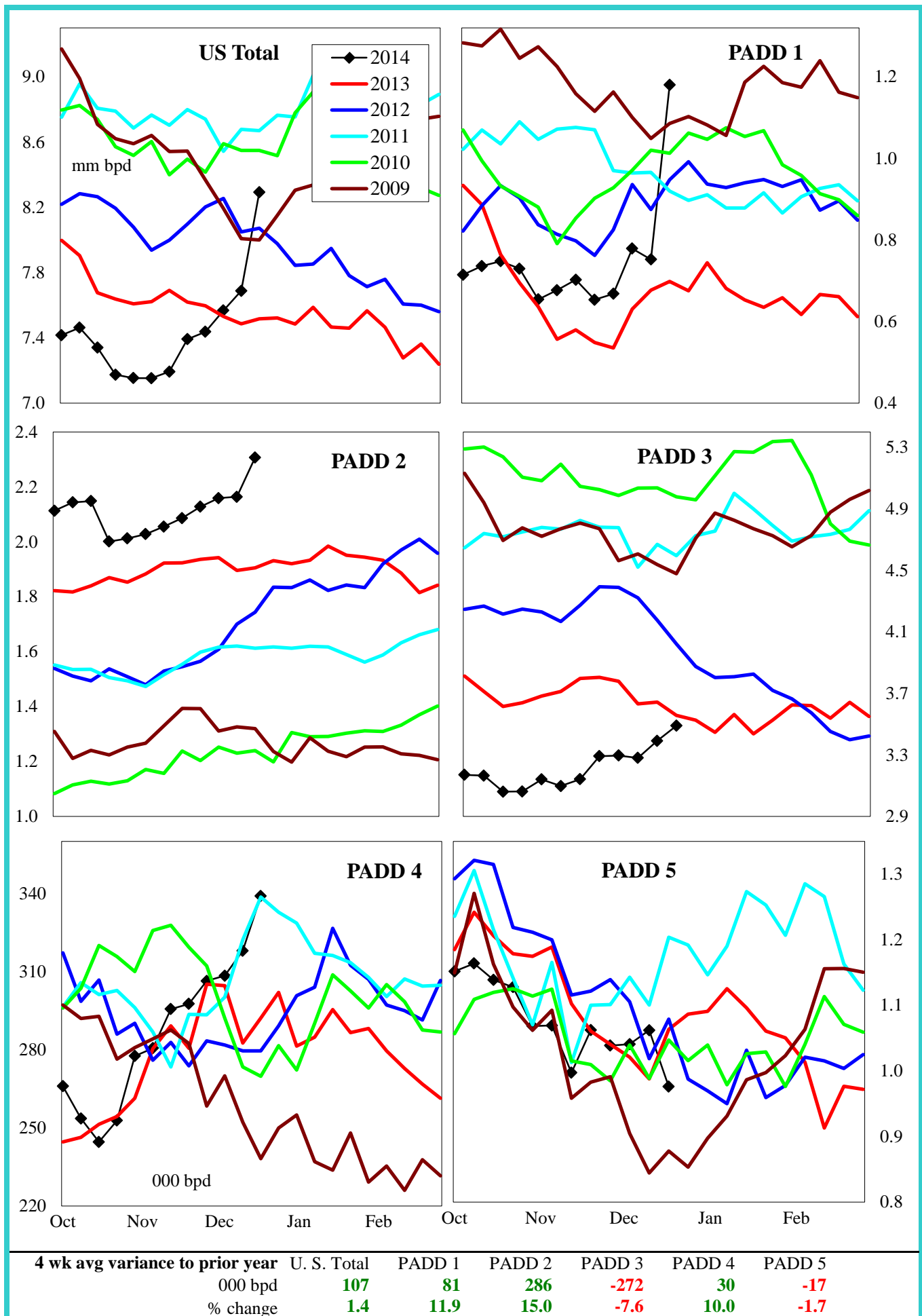
United States Refinery Percent Utilization Rate and Product Yields



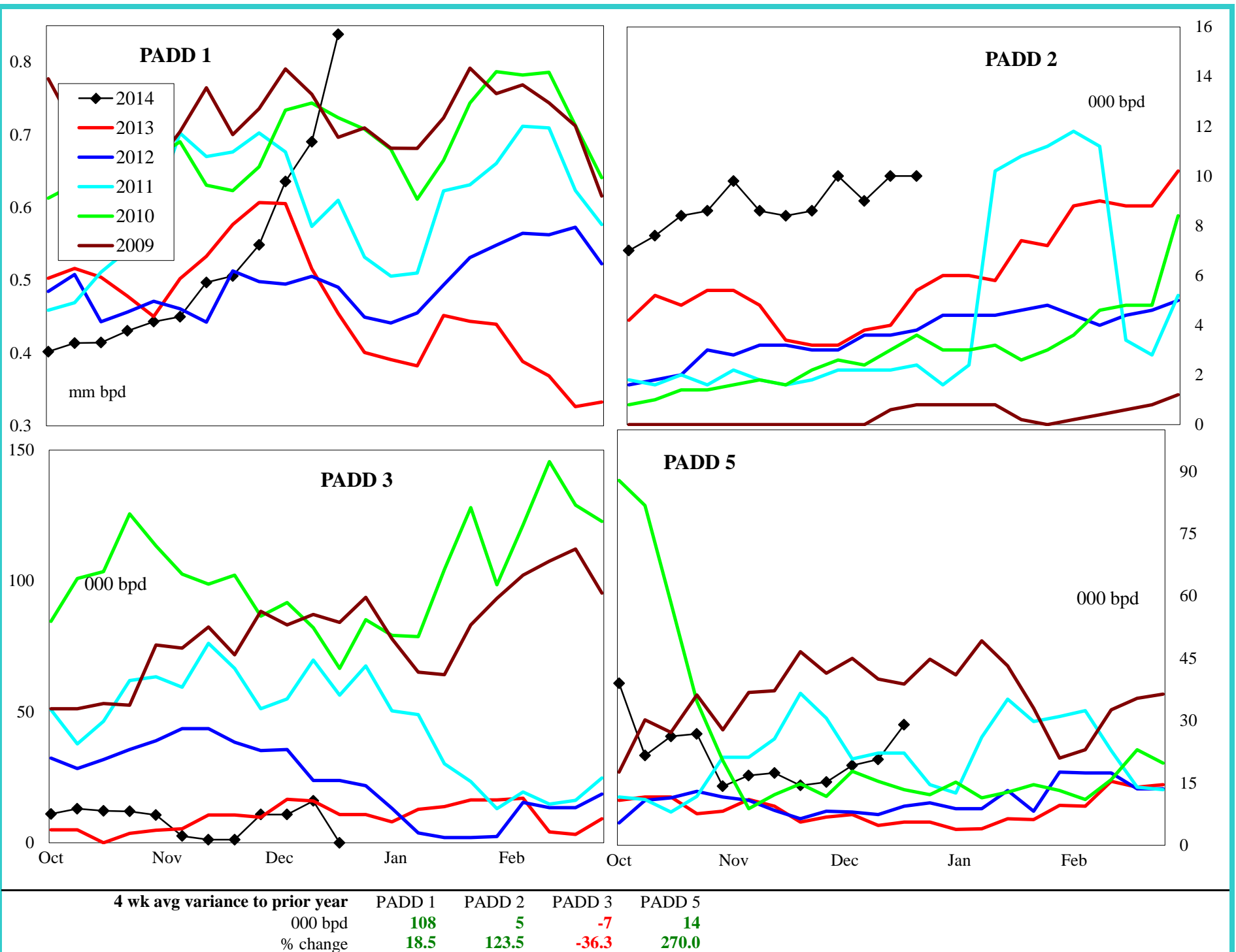
United States Petroleum Imports



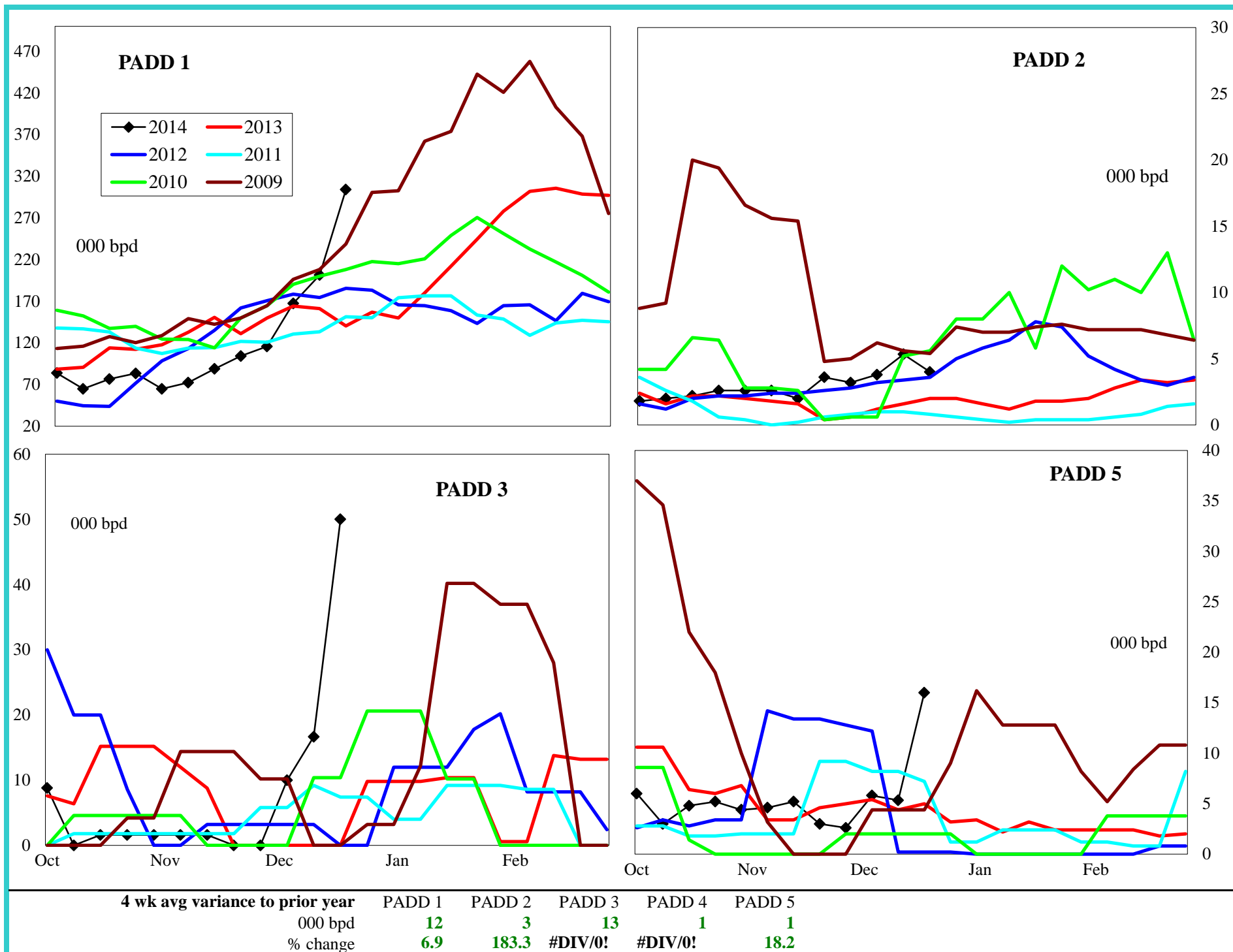
Crude Oil Imports by PADD



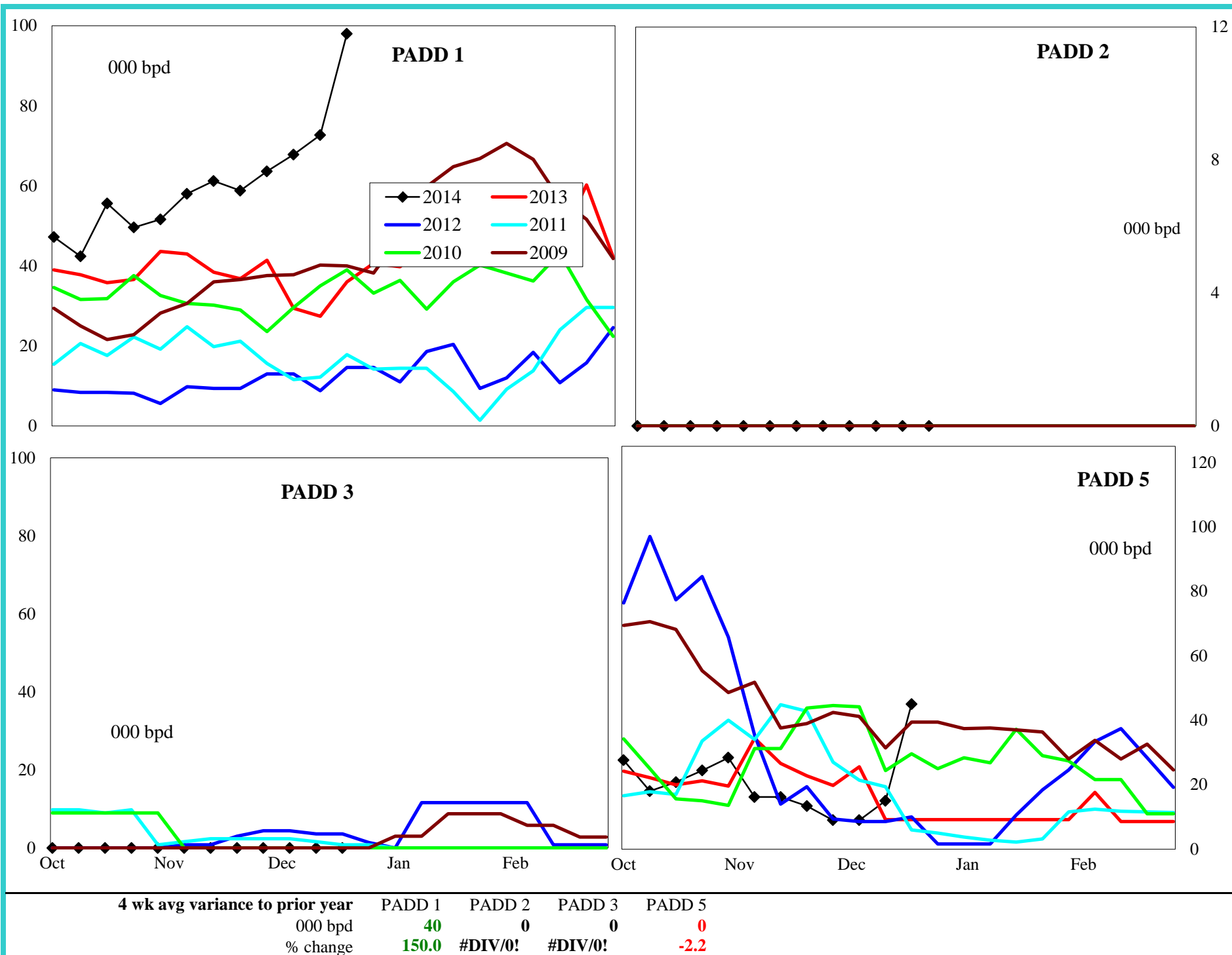
Gasoline Imports by PADD (Finished + Blend Stocks)



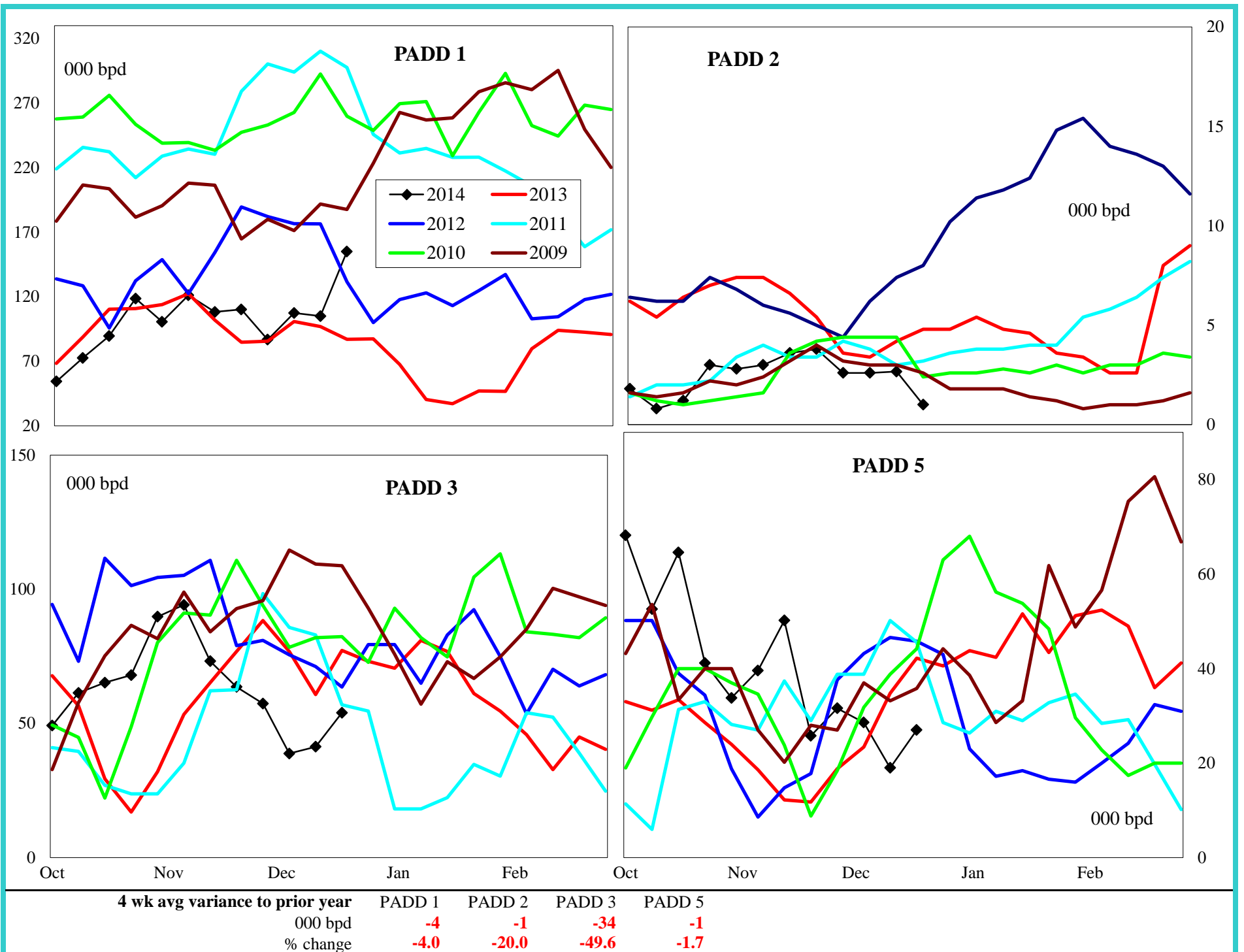
Distillate Imports by PADD



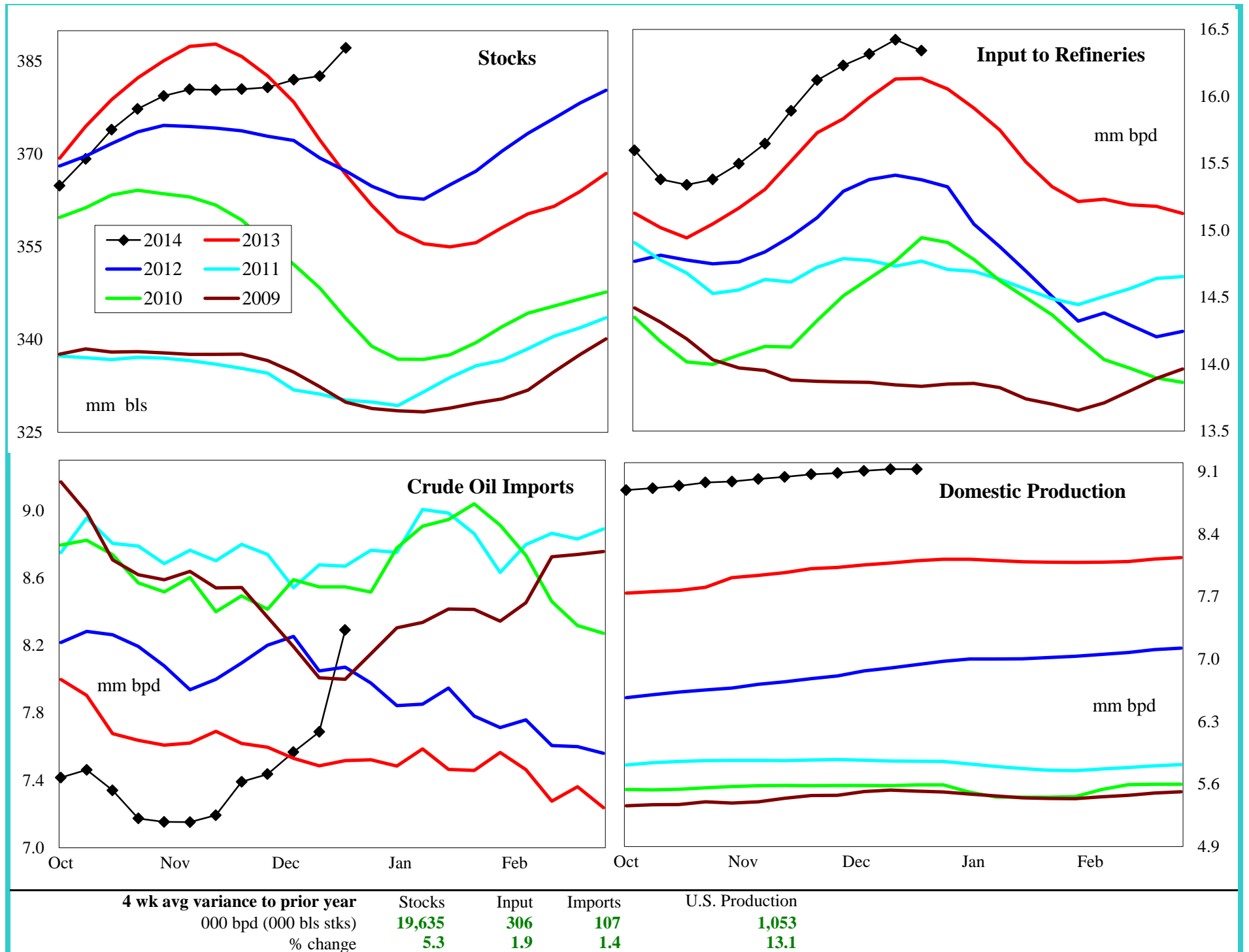
Jet Fuel Imports by PADD



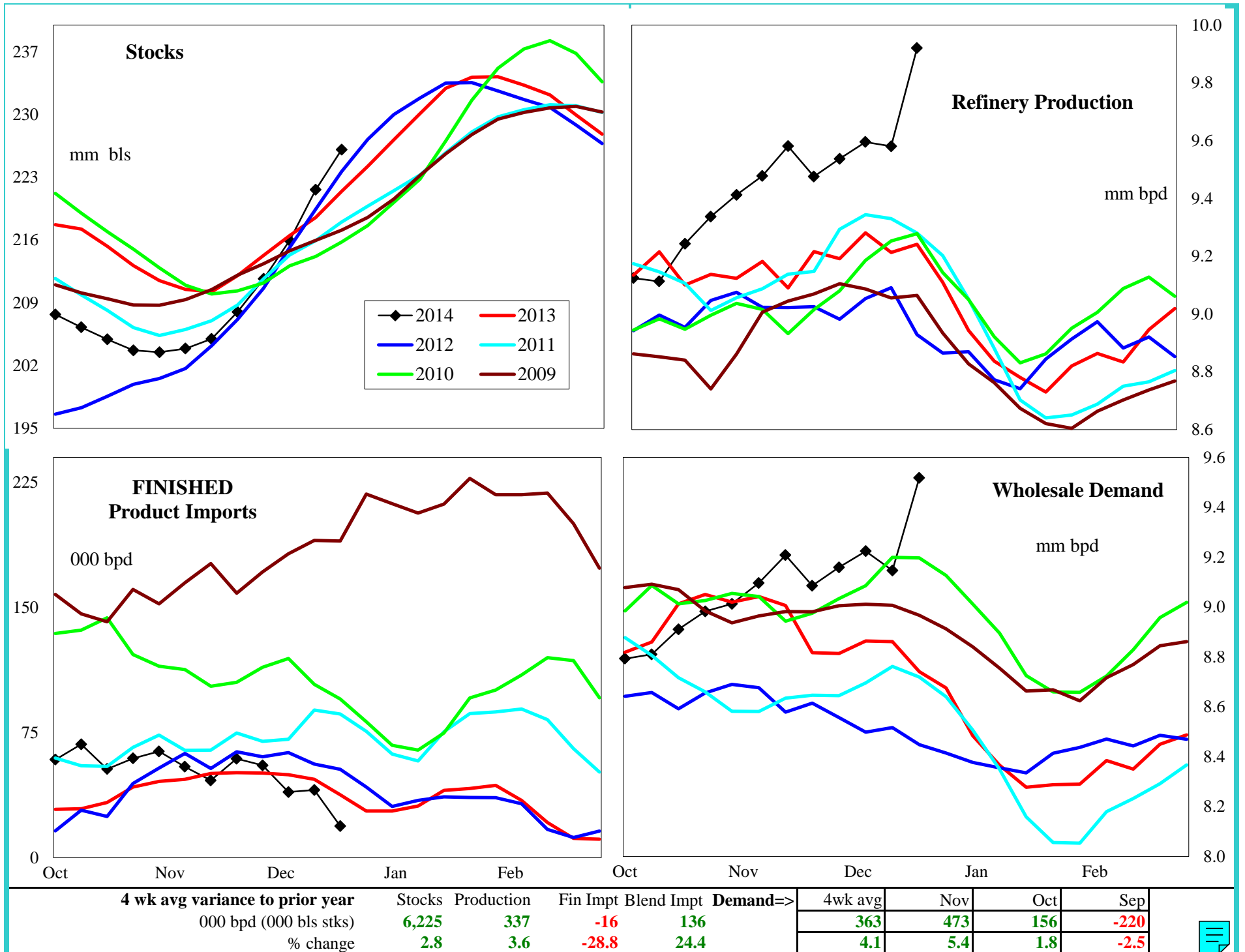
Residual Fuel Oil Imports by PADD



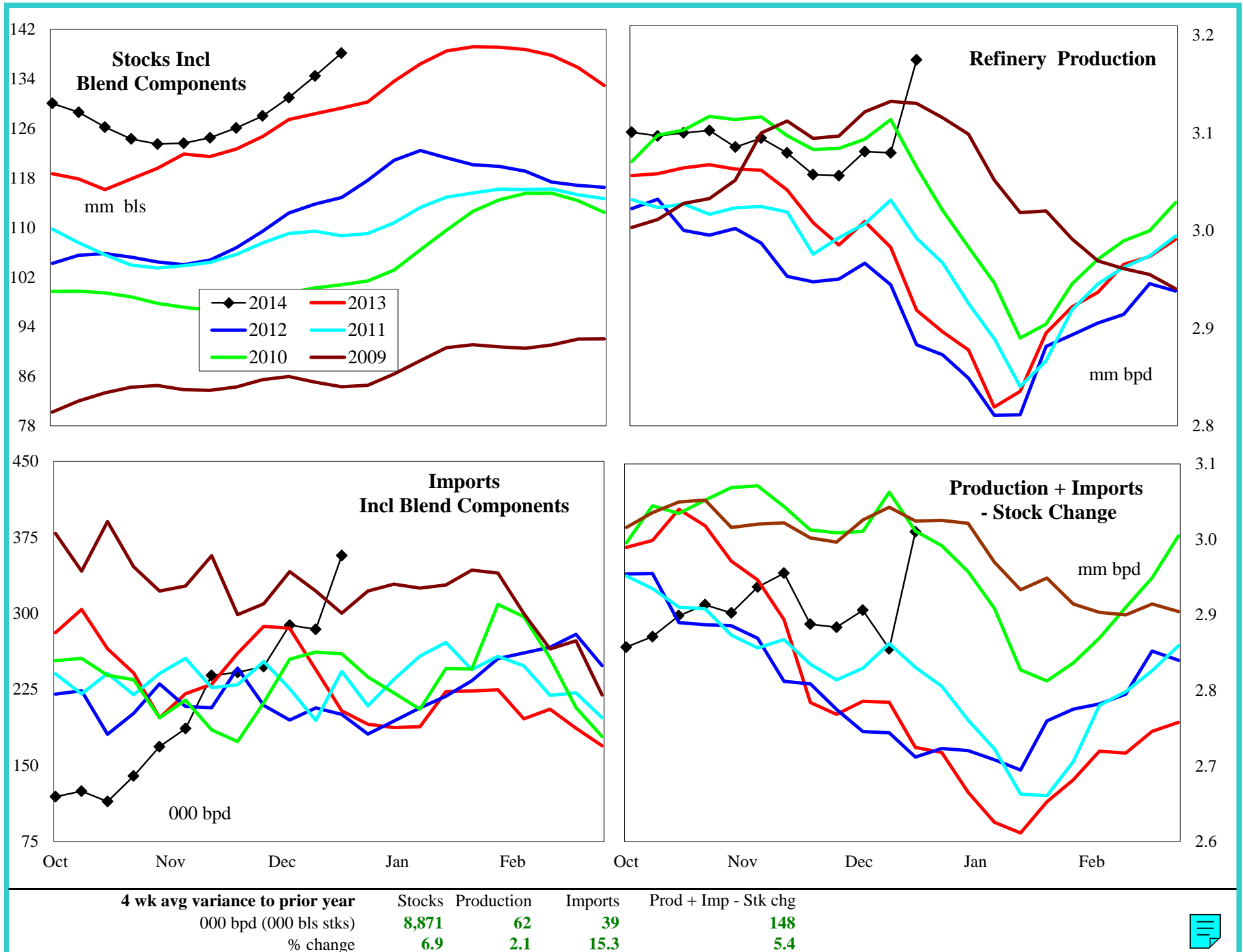
United States Crude Oil Supply and Demand Balance



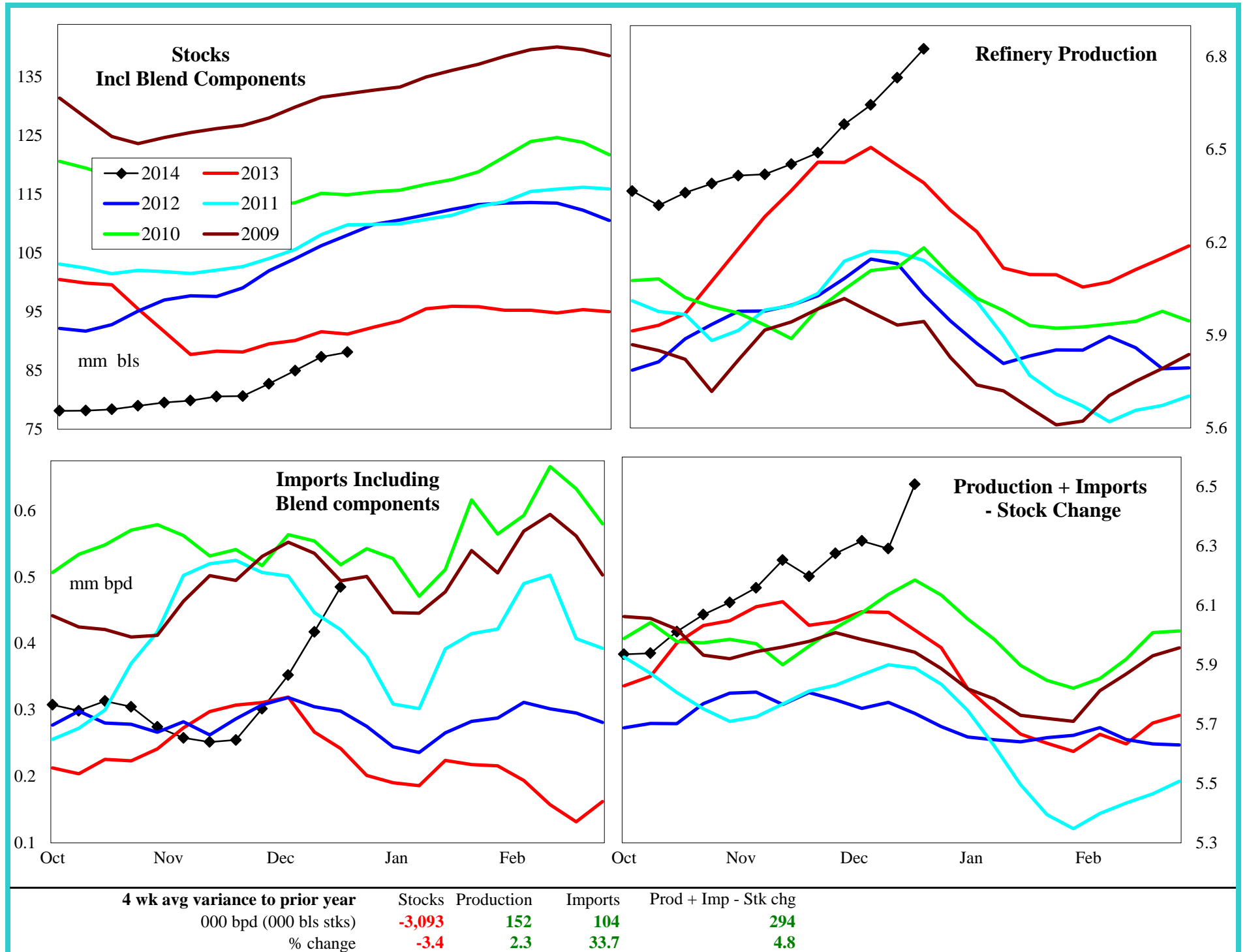
United States Gasoline Supply and Demand Balance



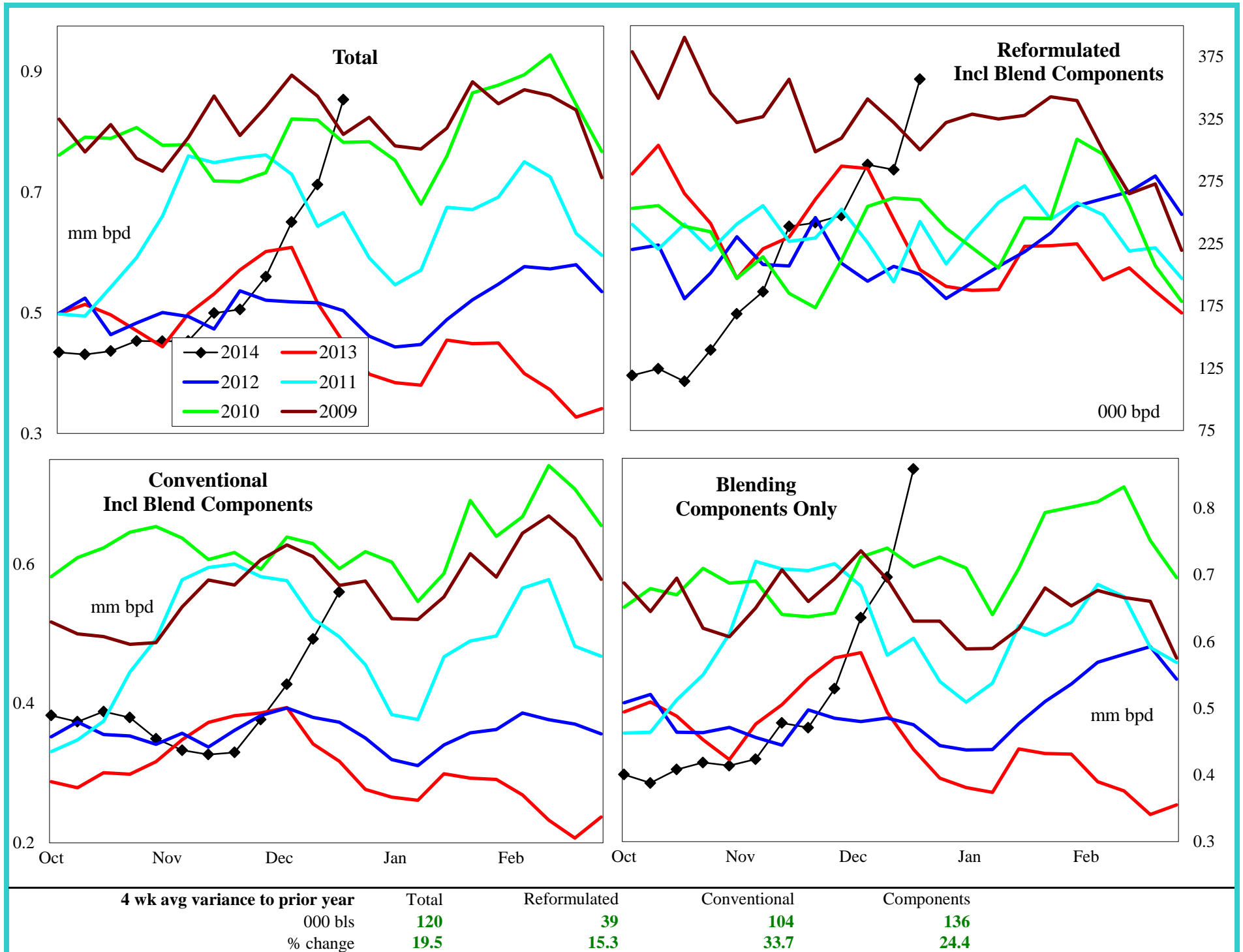
United States Reformulated Gasoline Supply



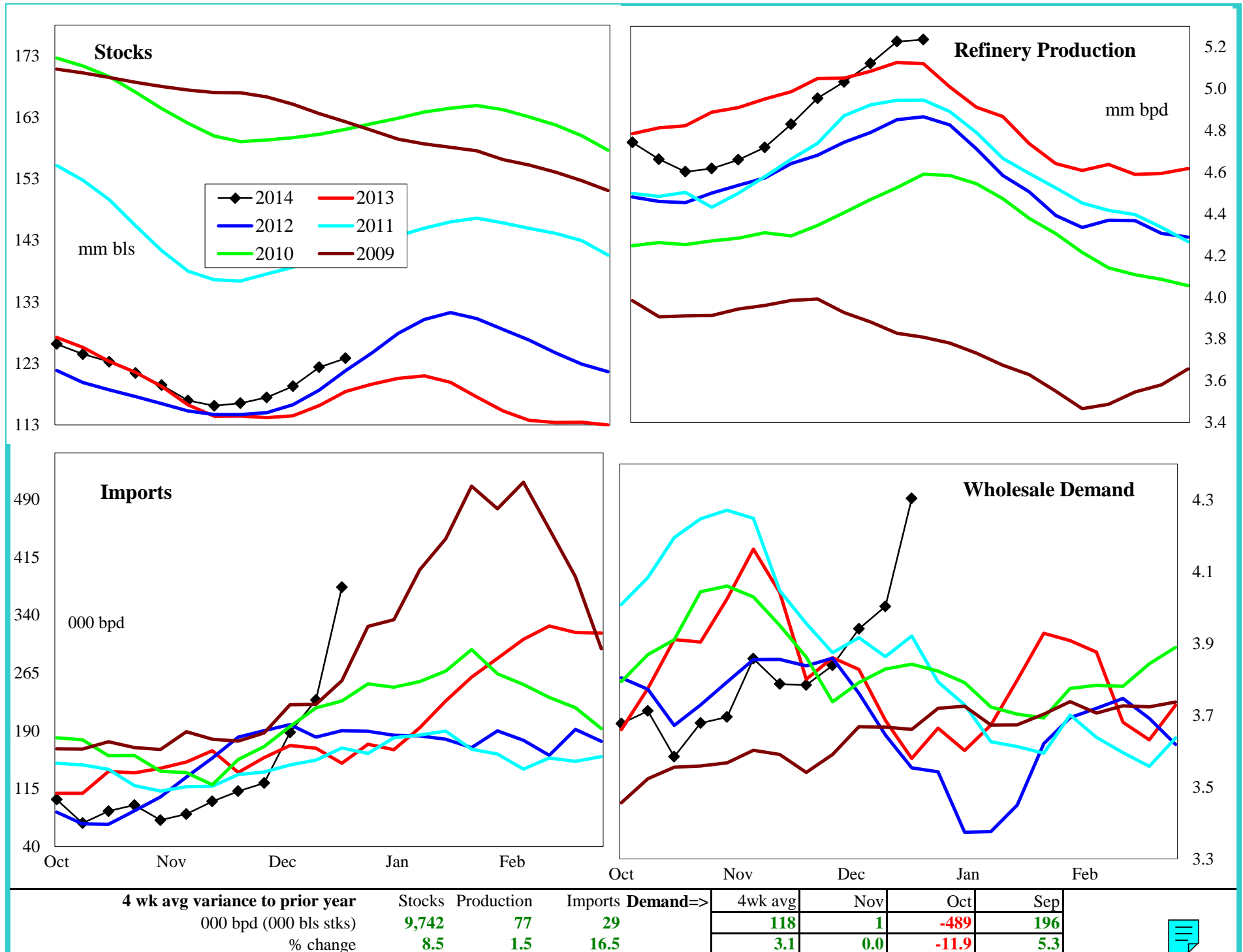
United States Conventional Gasoline Supply



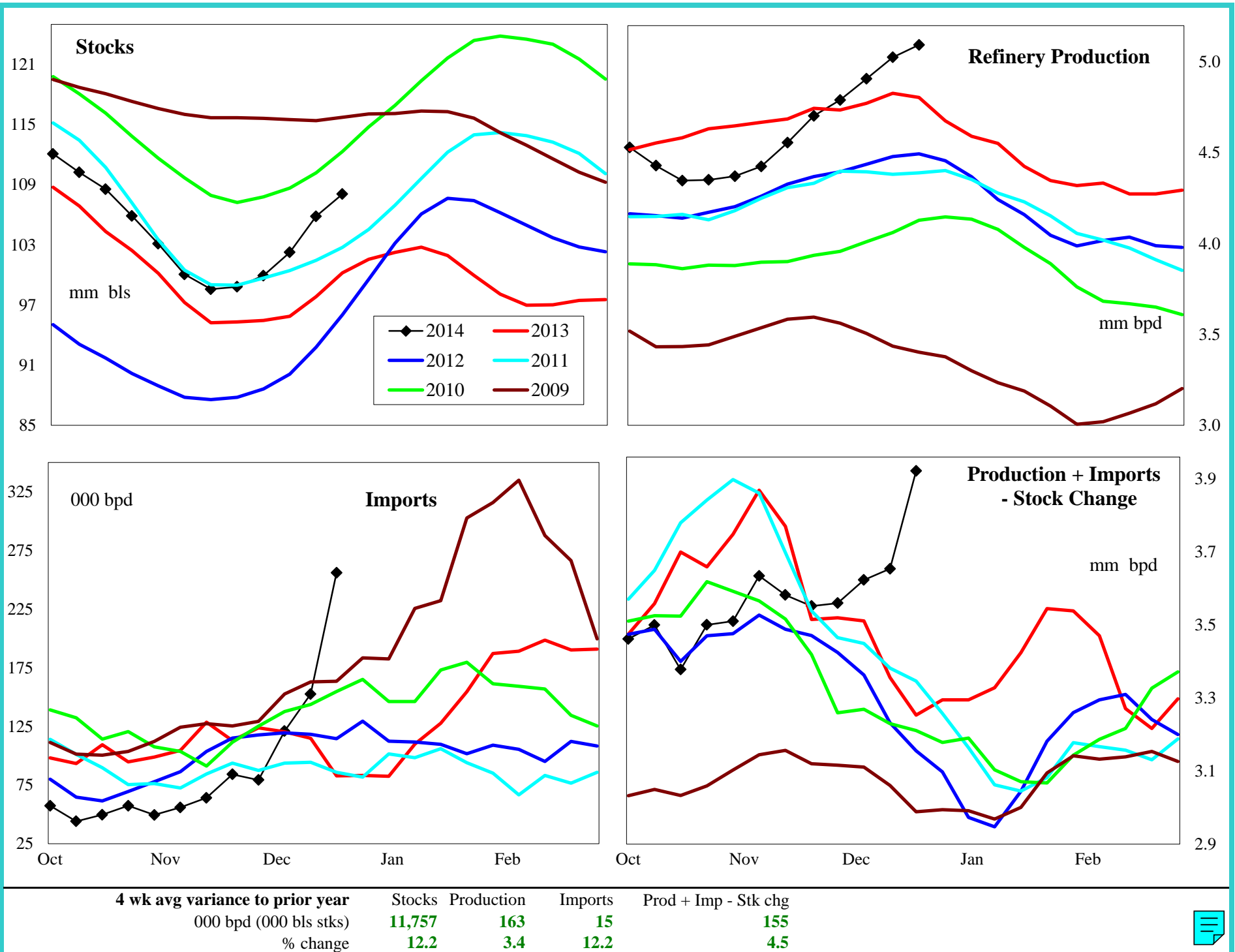
United States Gasoline Imports by Type



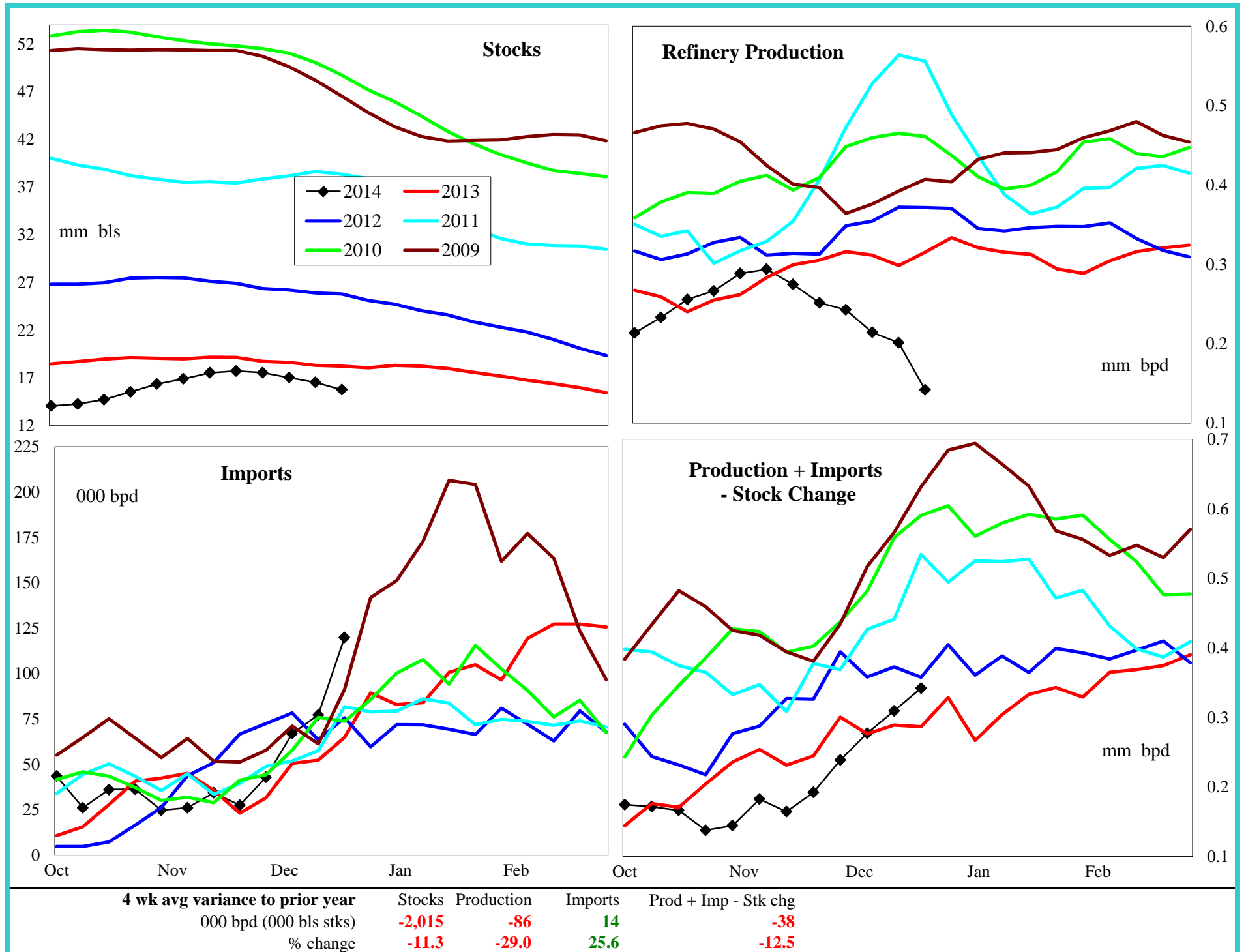
United States Distillate Supply and Demand Balance



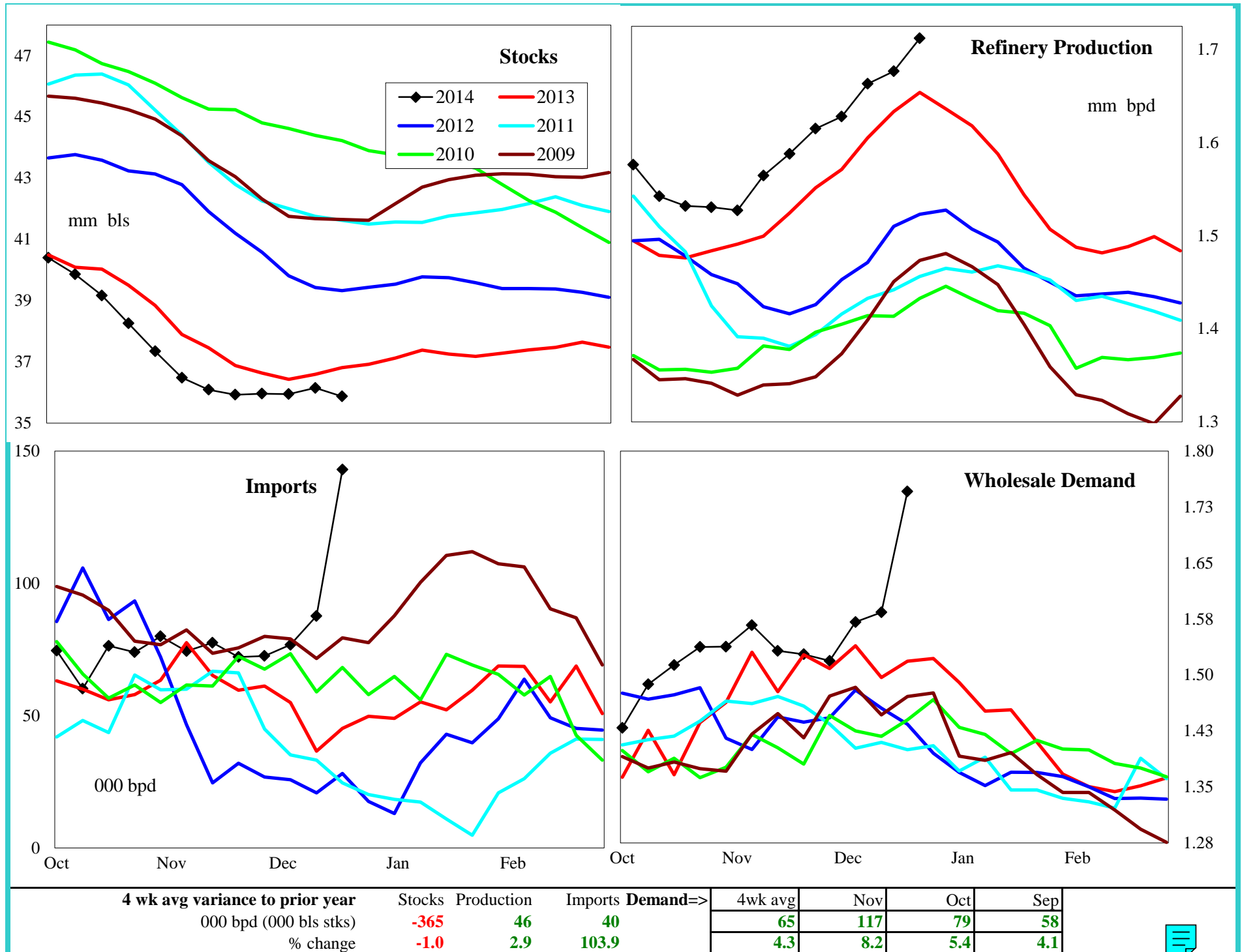
United States Low Sulfur Distillate Supply



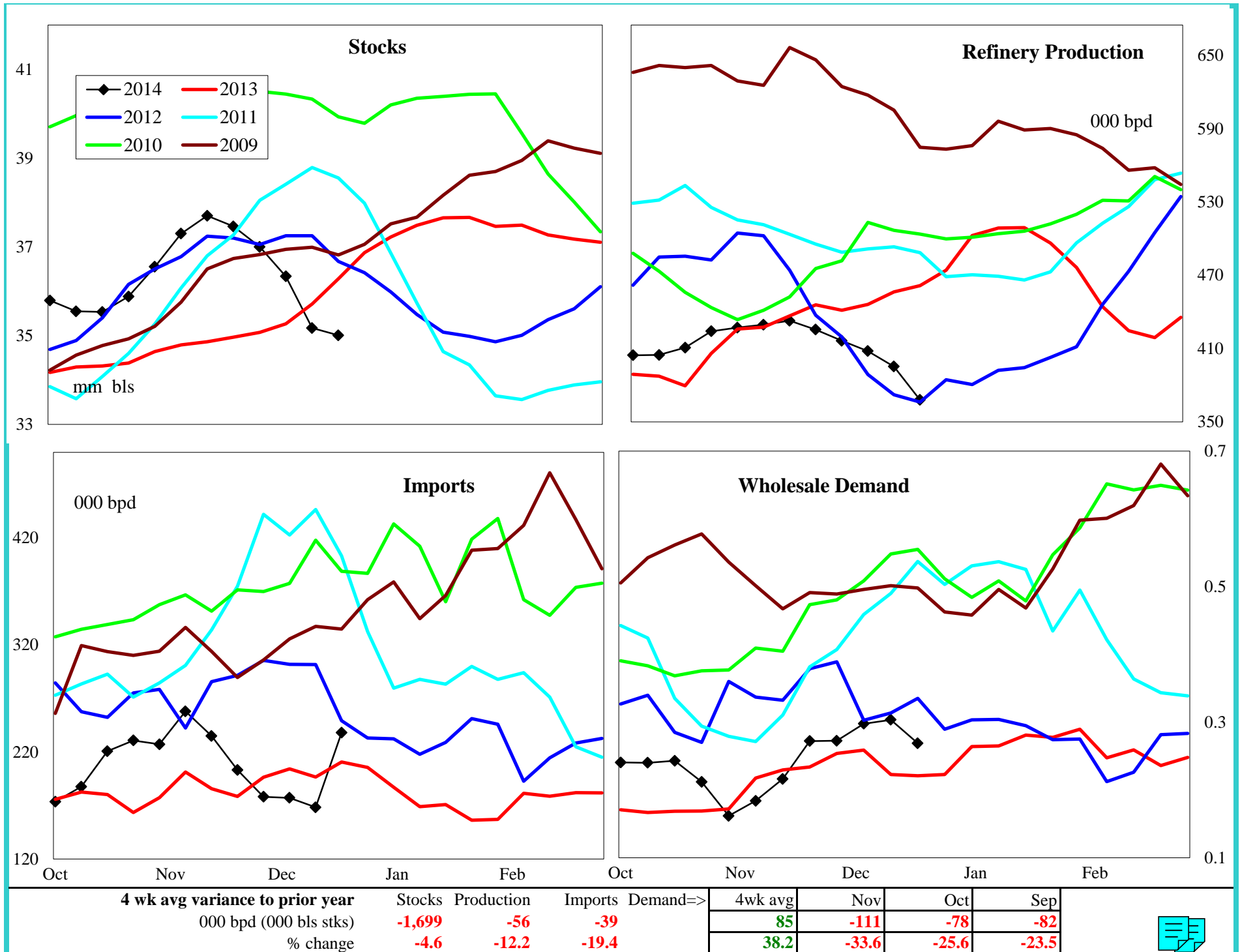
United States High Sulfur Distillate Supply



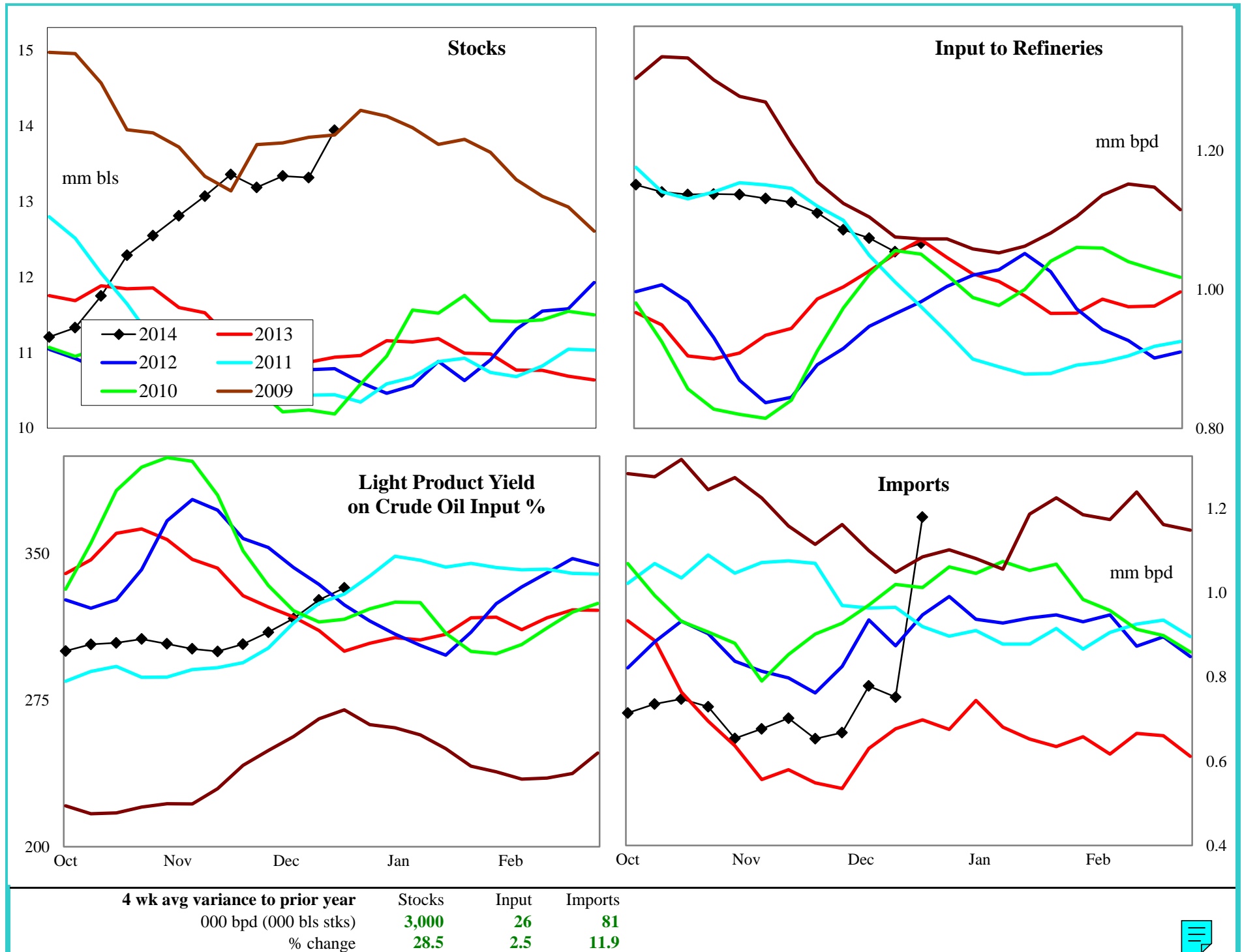
United States Jet Fuel Supply and Demand Balance



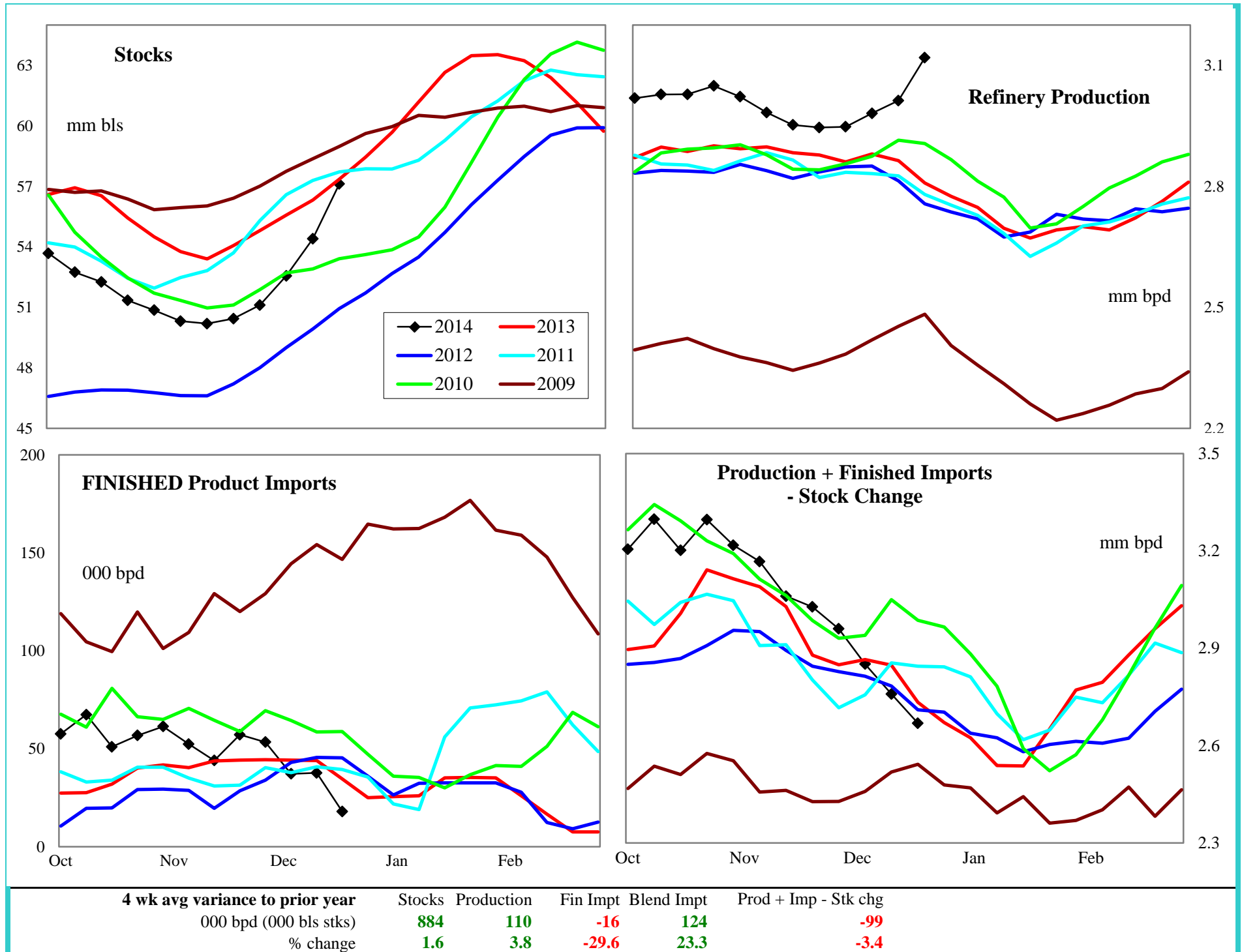
United States Residual Fuel Oil Supply and Demand Balance



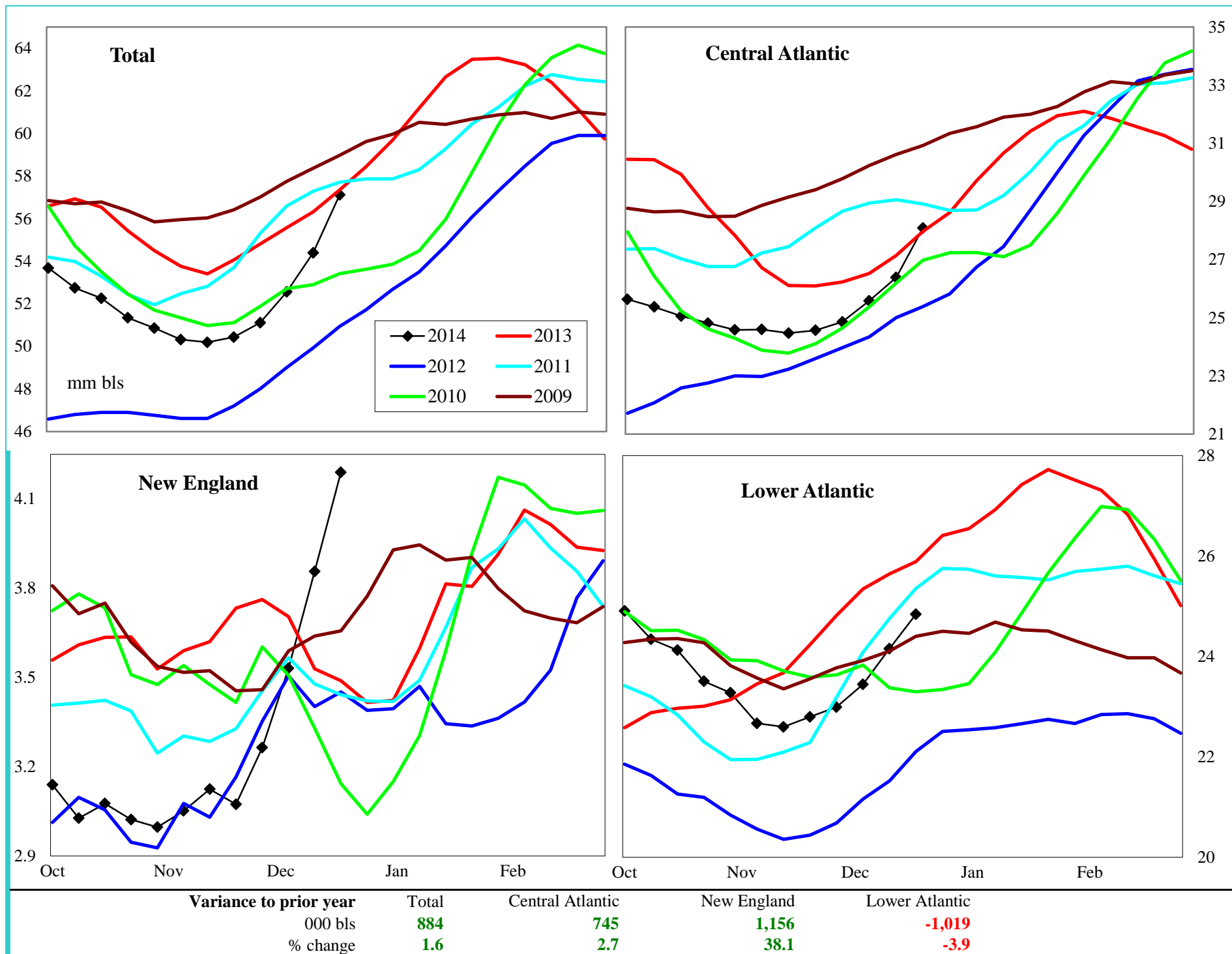
PADD 1 Crude Oil Supply and Refining



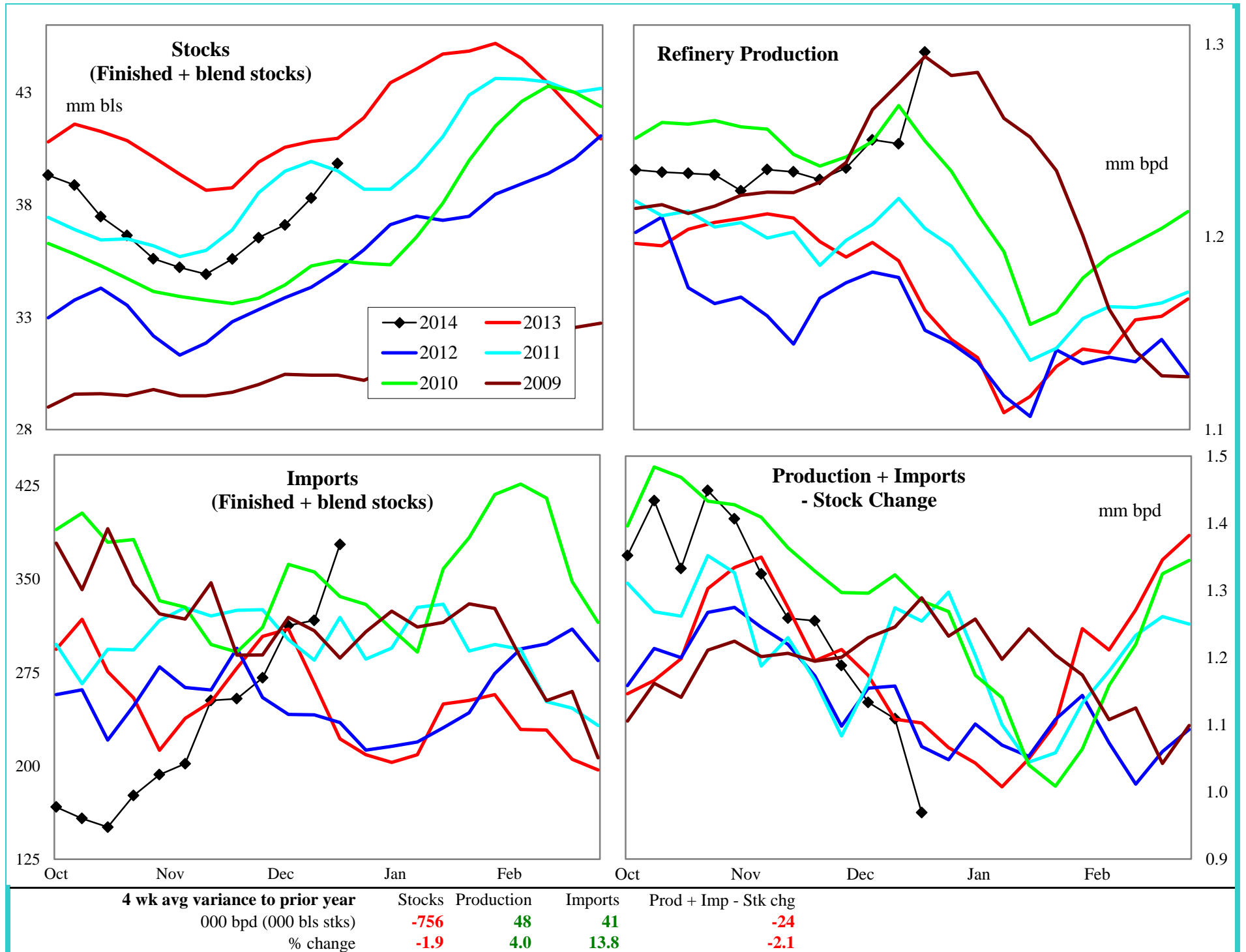
PADD 1 Gasoline Supply



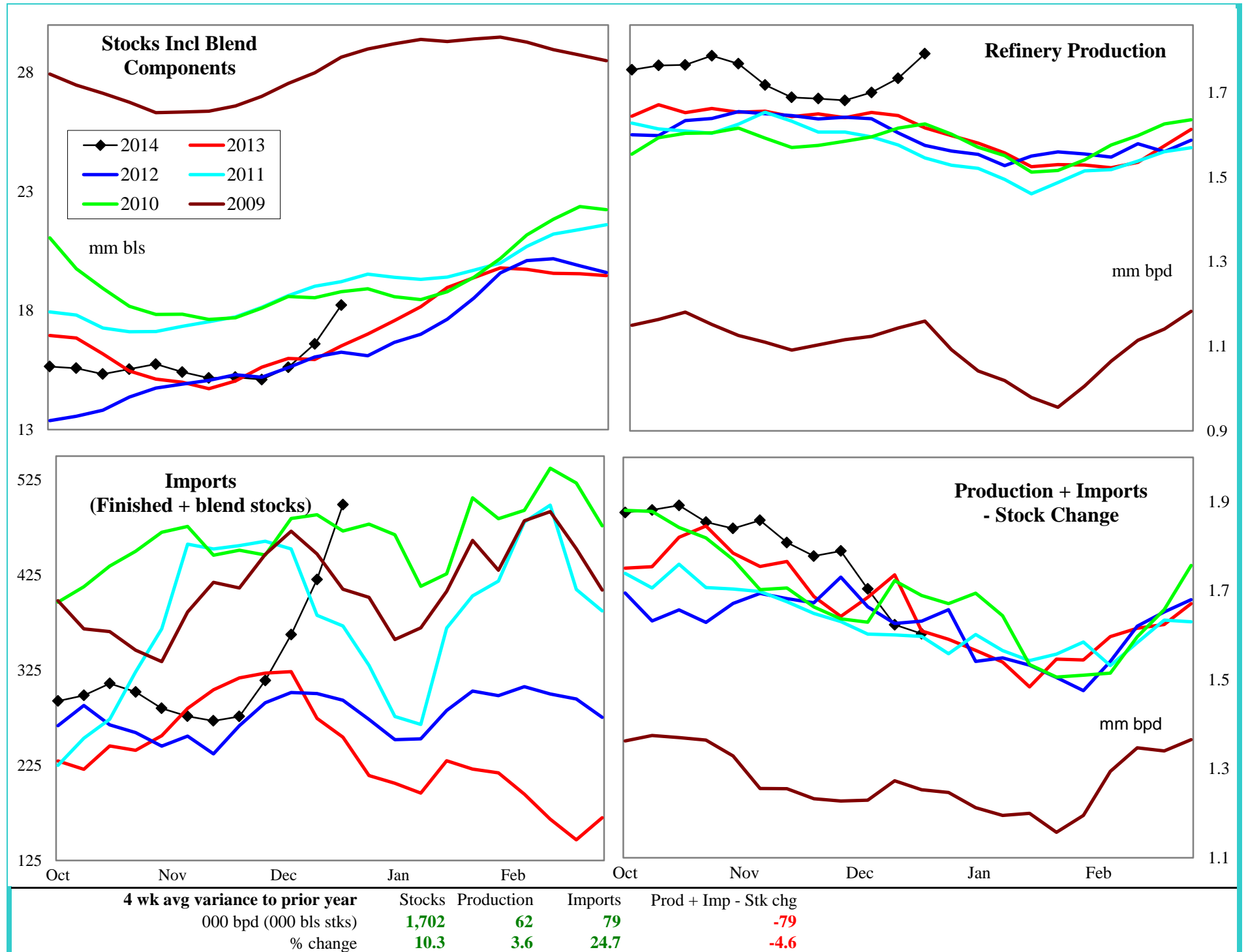
PADD 1 Gasoline Stocks by Region



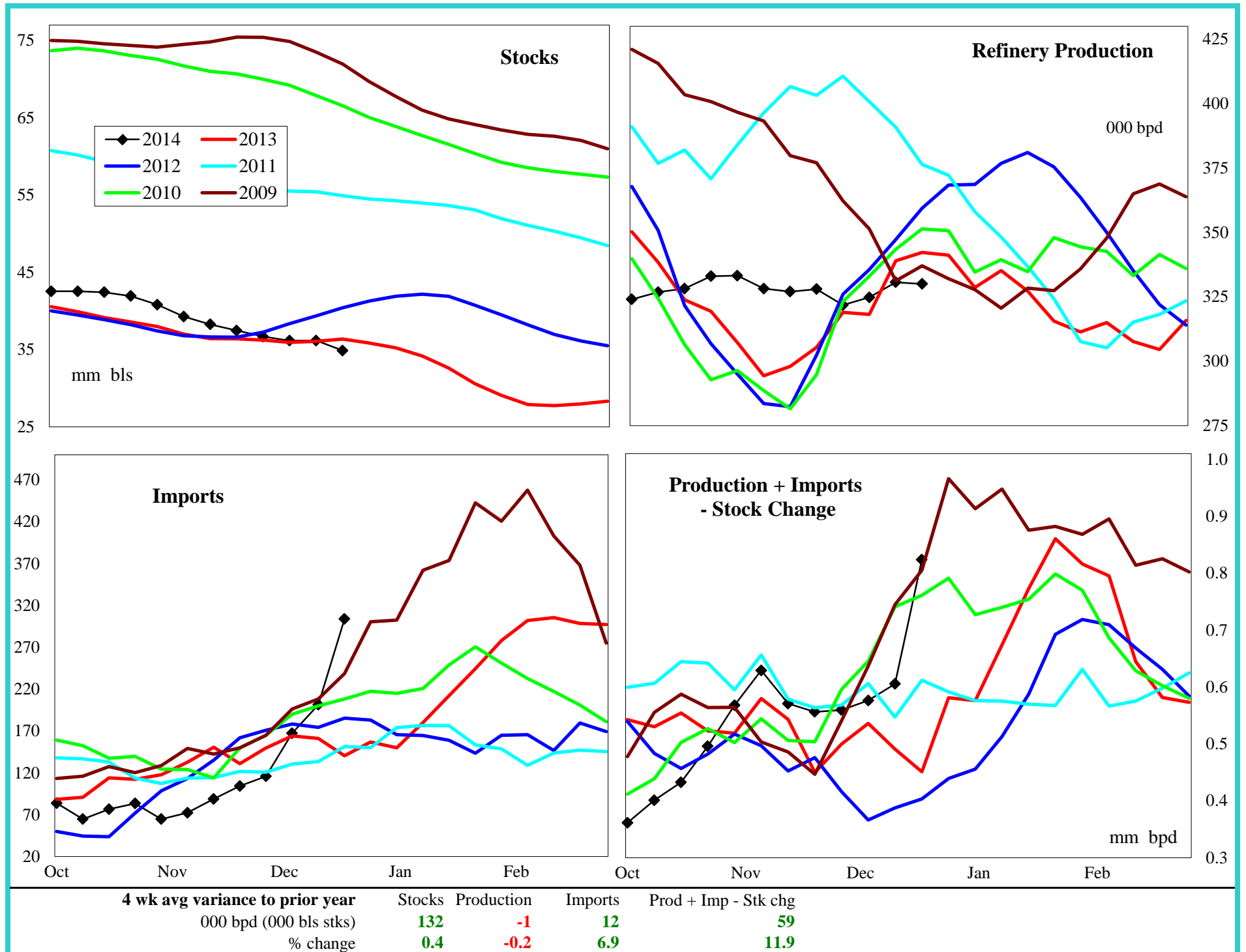
PADD 1 Reformulated Gasoline Supply



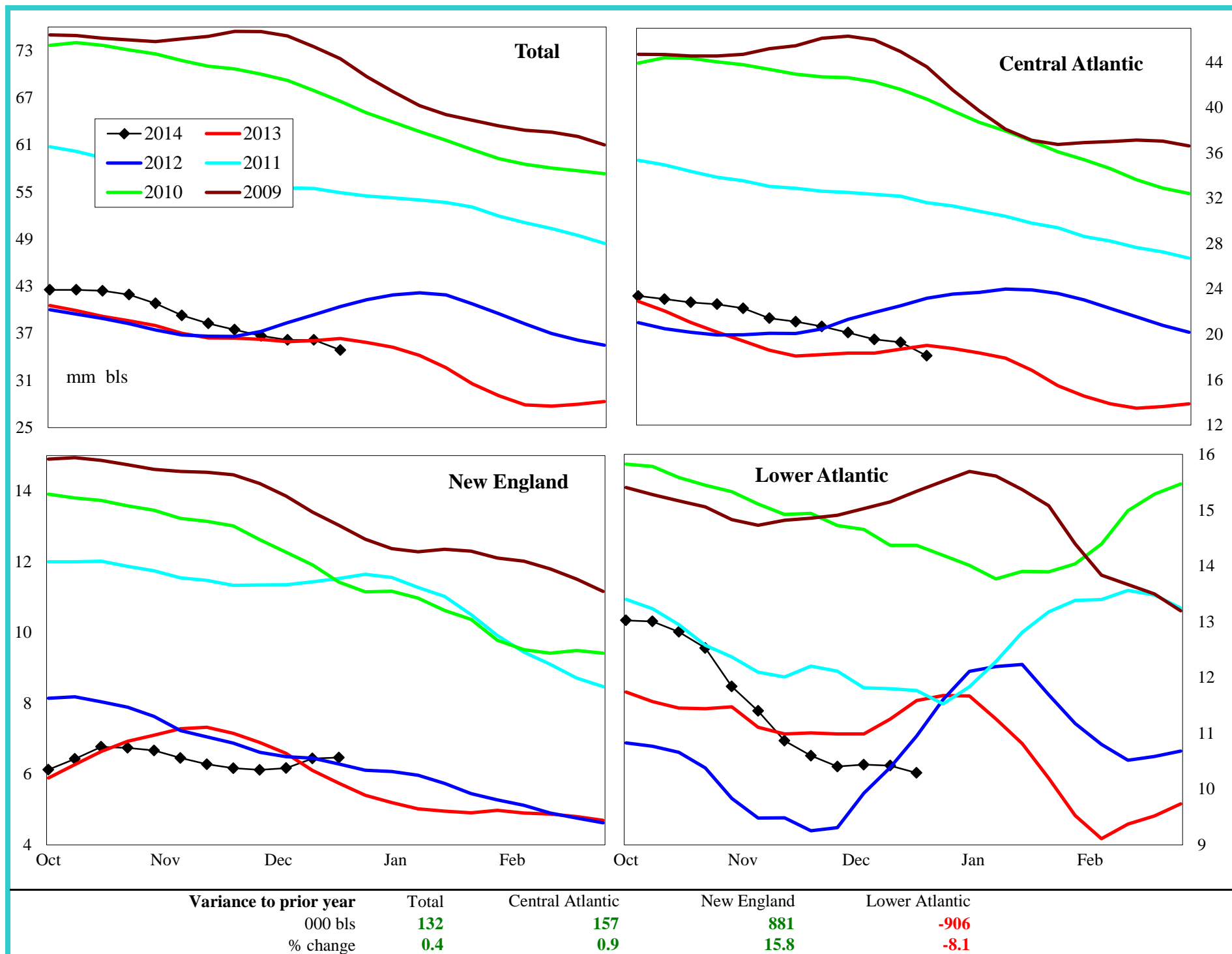
PADD 1 Conventional Gasoline Supply



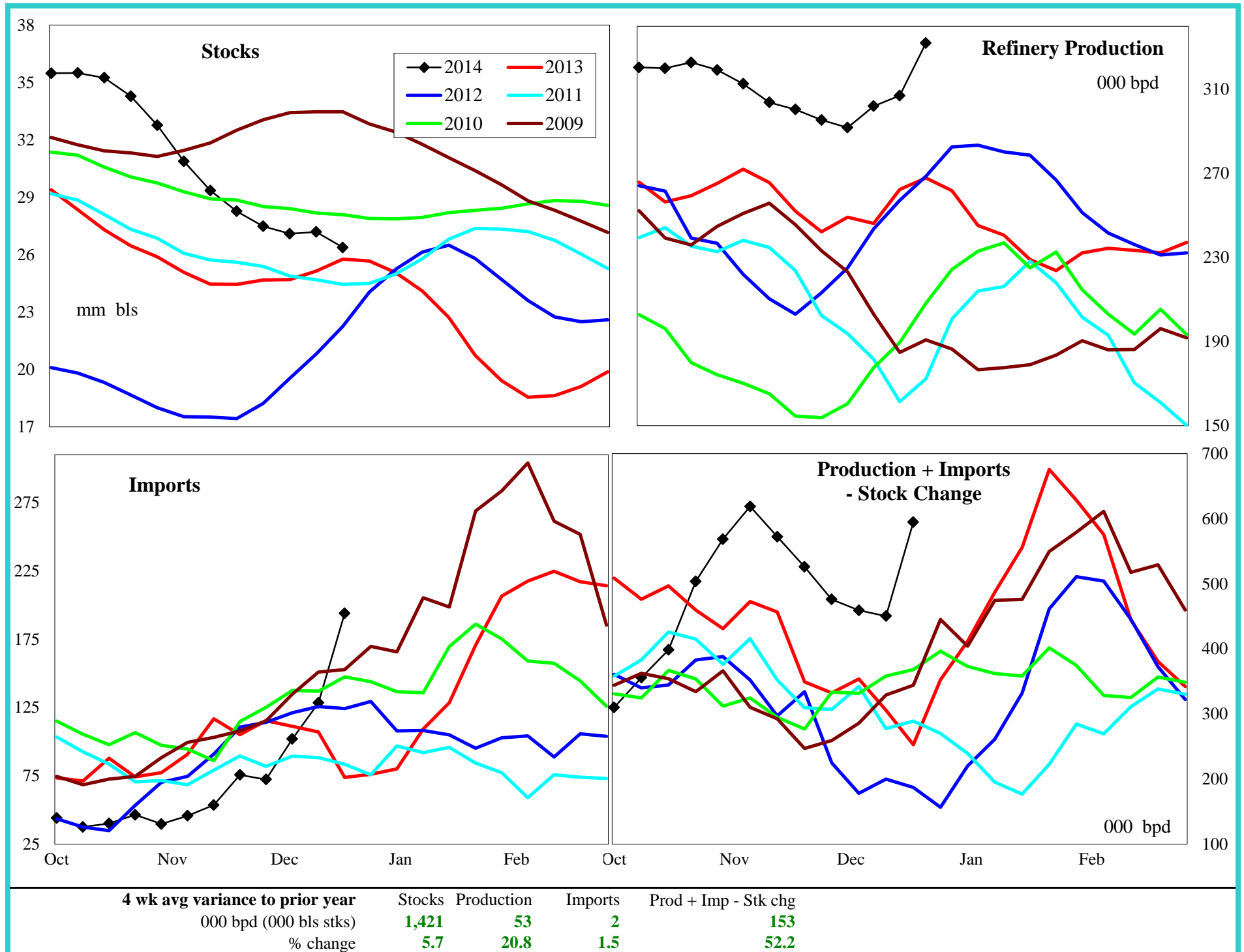
PADD 1 Distillate Supply



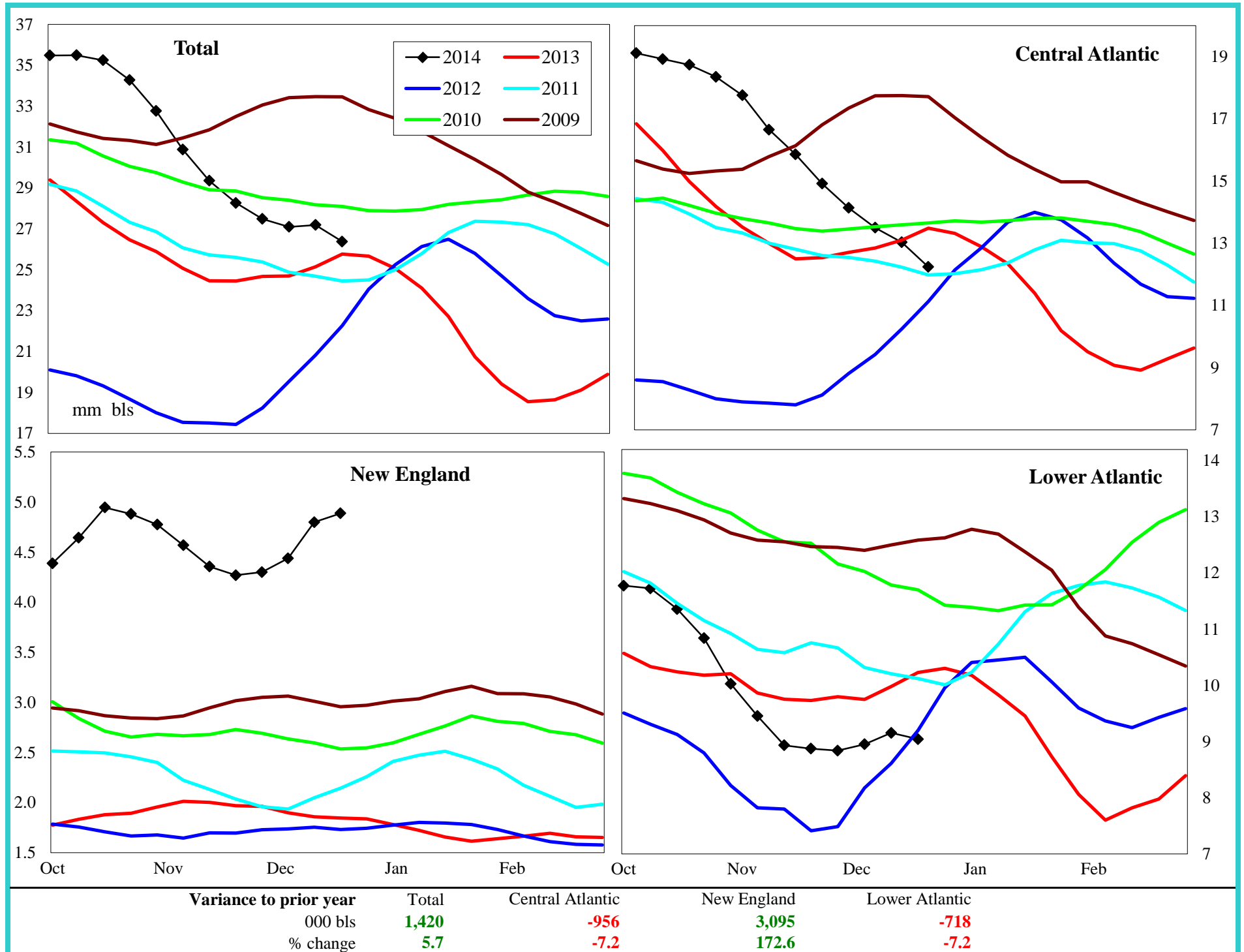
PADD 1 Distillate Stocks by Region



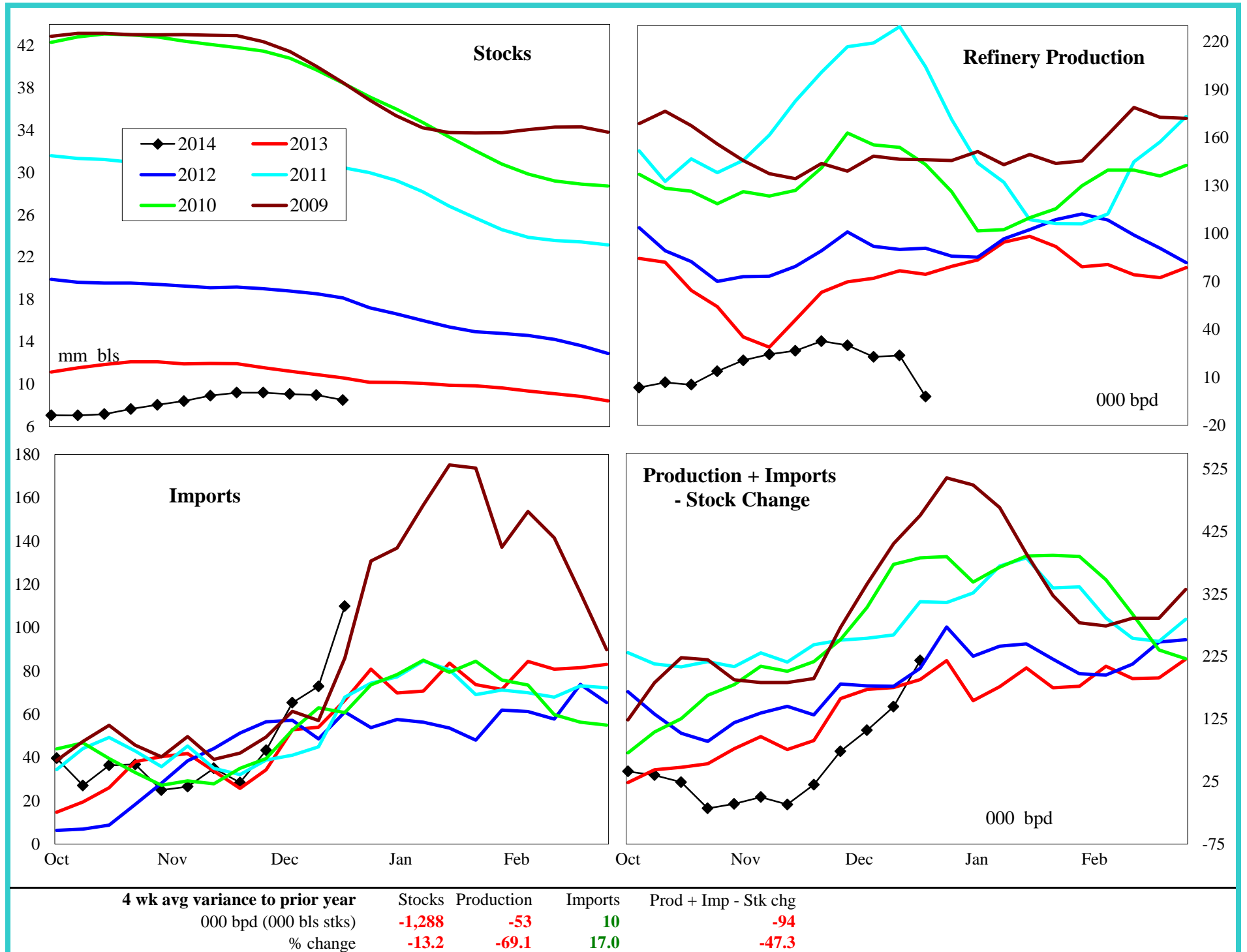
PADD 1 Low Sulfur Distillate Supply



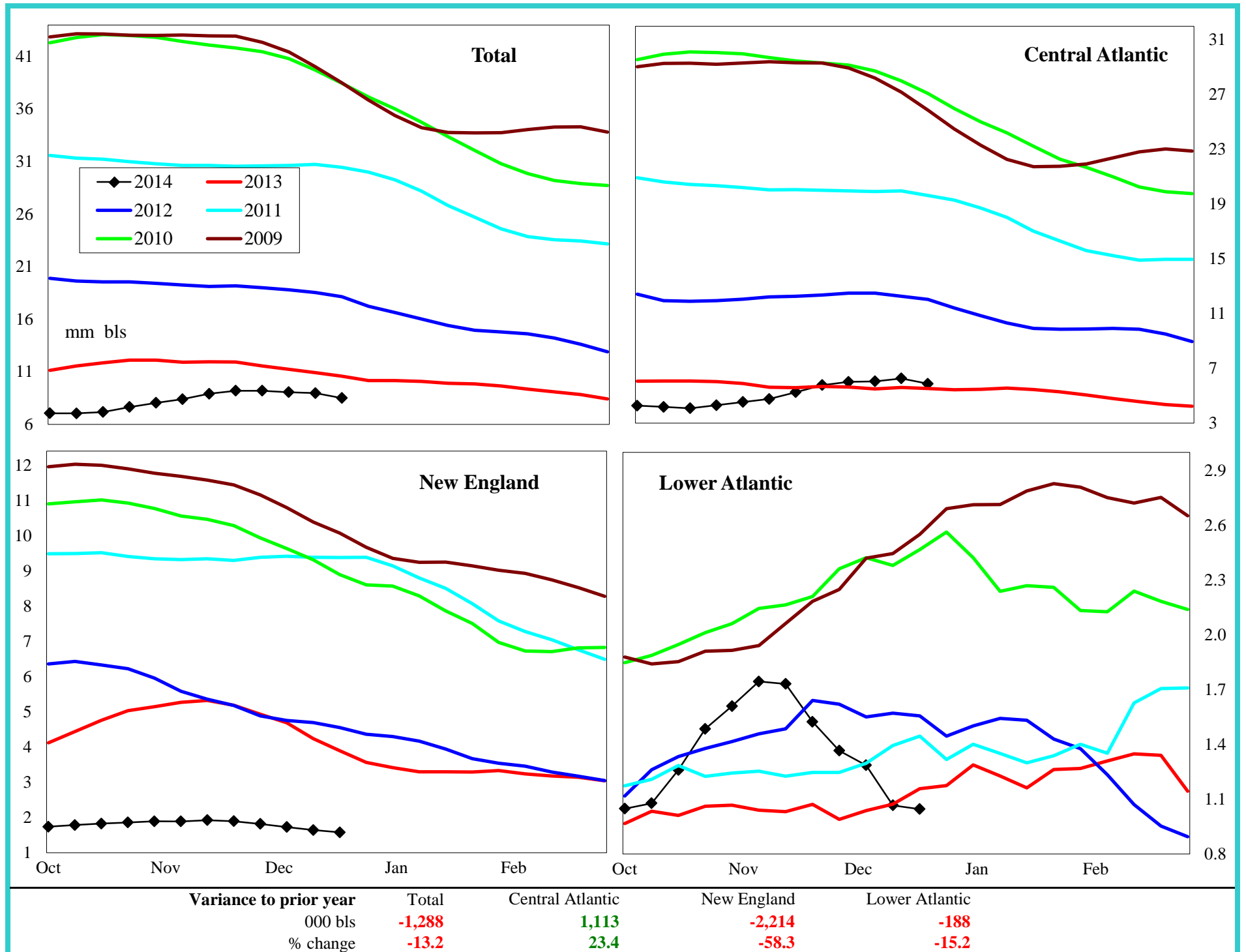
PADD 1 Low Sulfur Distillate Stocks by Region



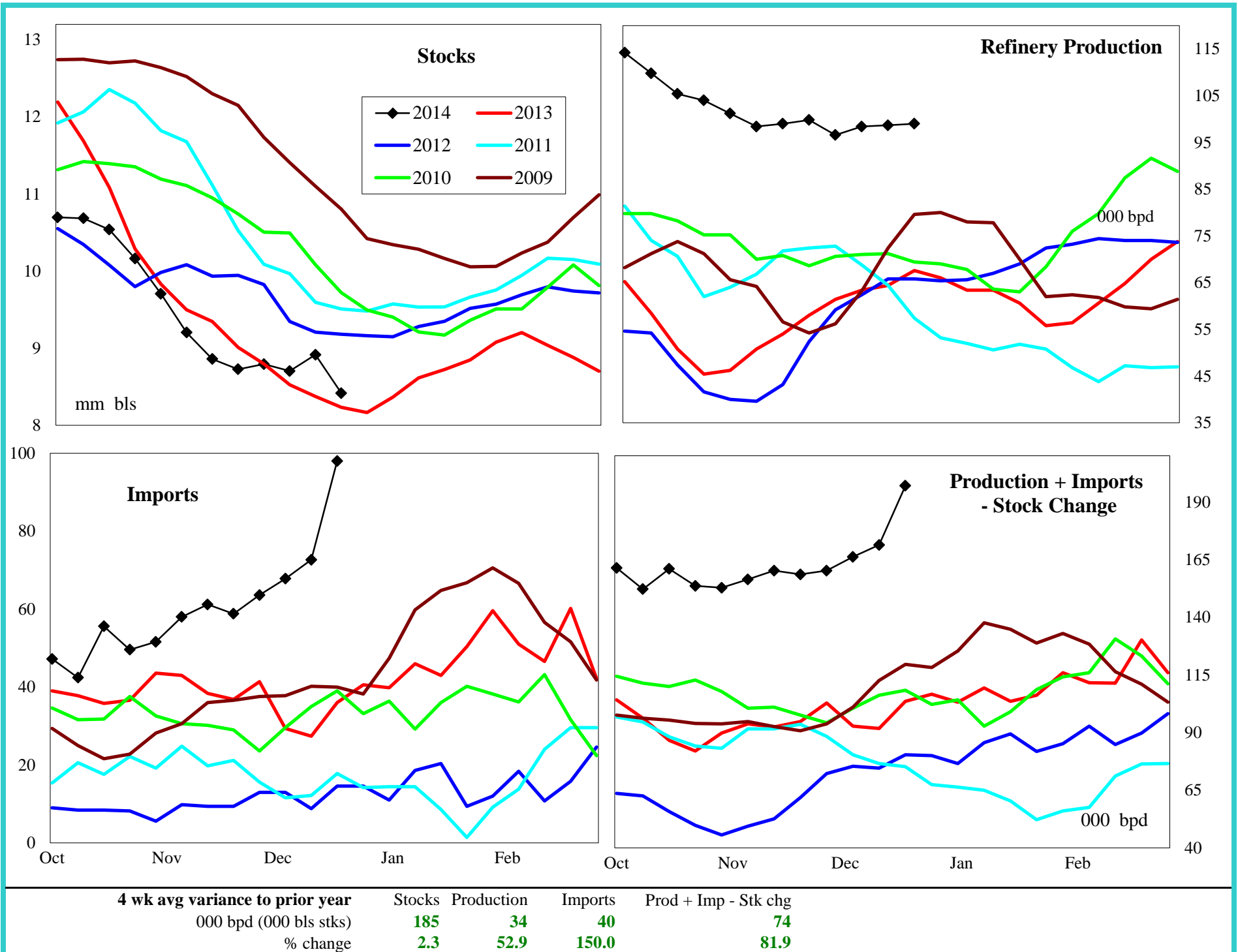
PADD 1 High Sulfur Distillate Supply



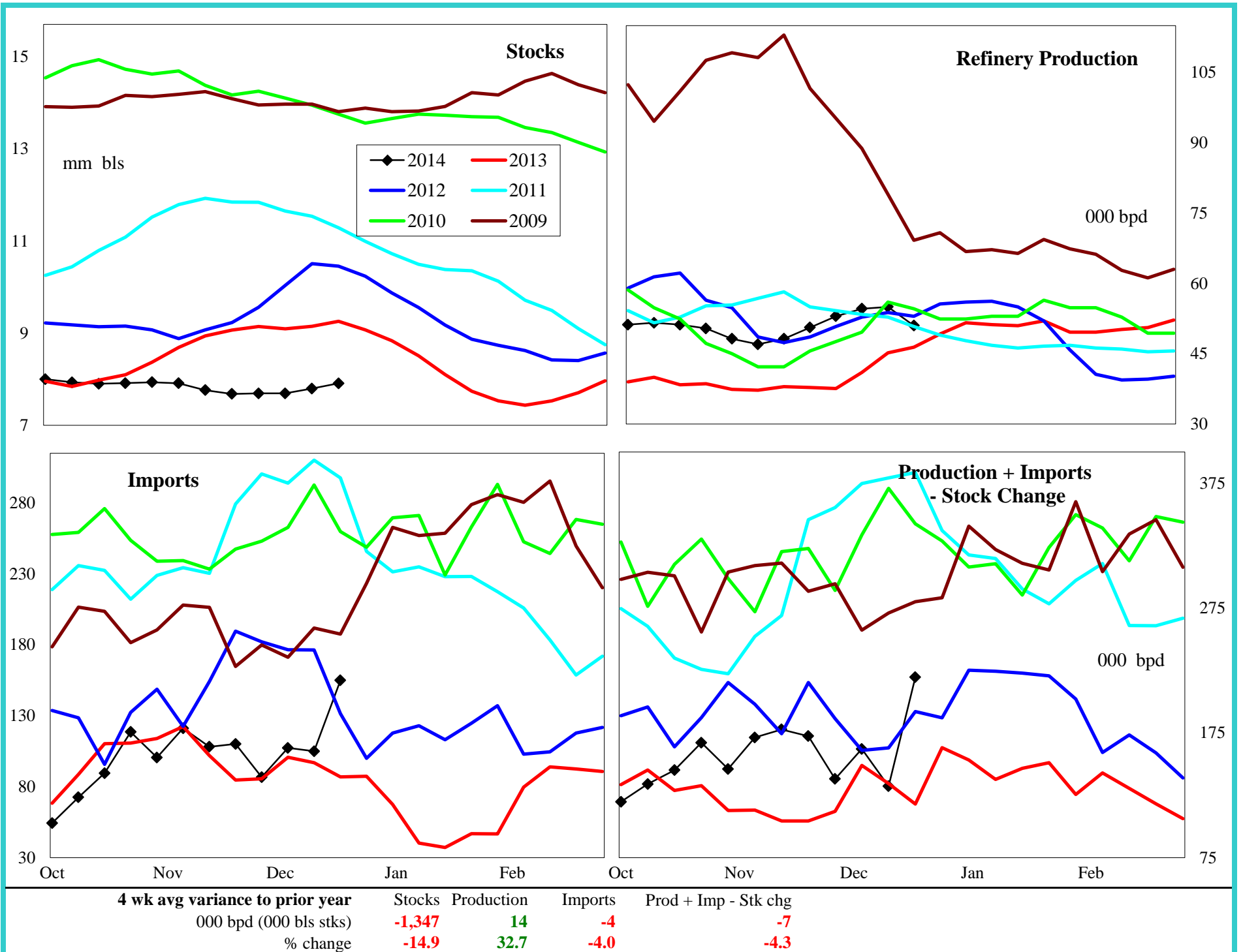
PADD 1 High Sulfur Distillate Stocks by Region



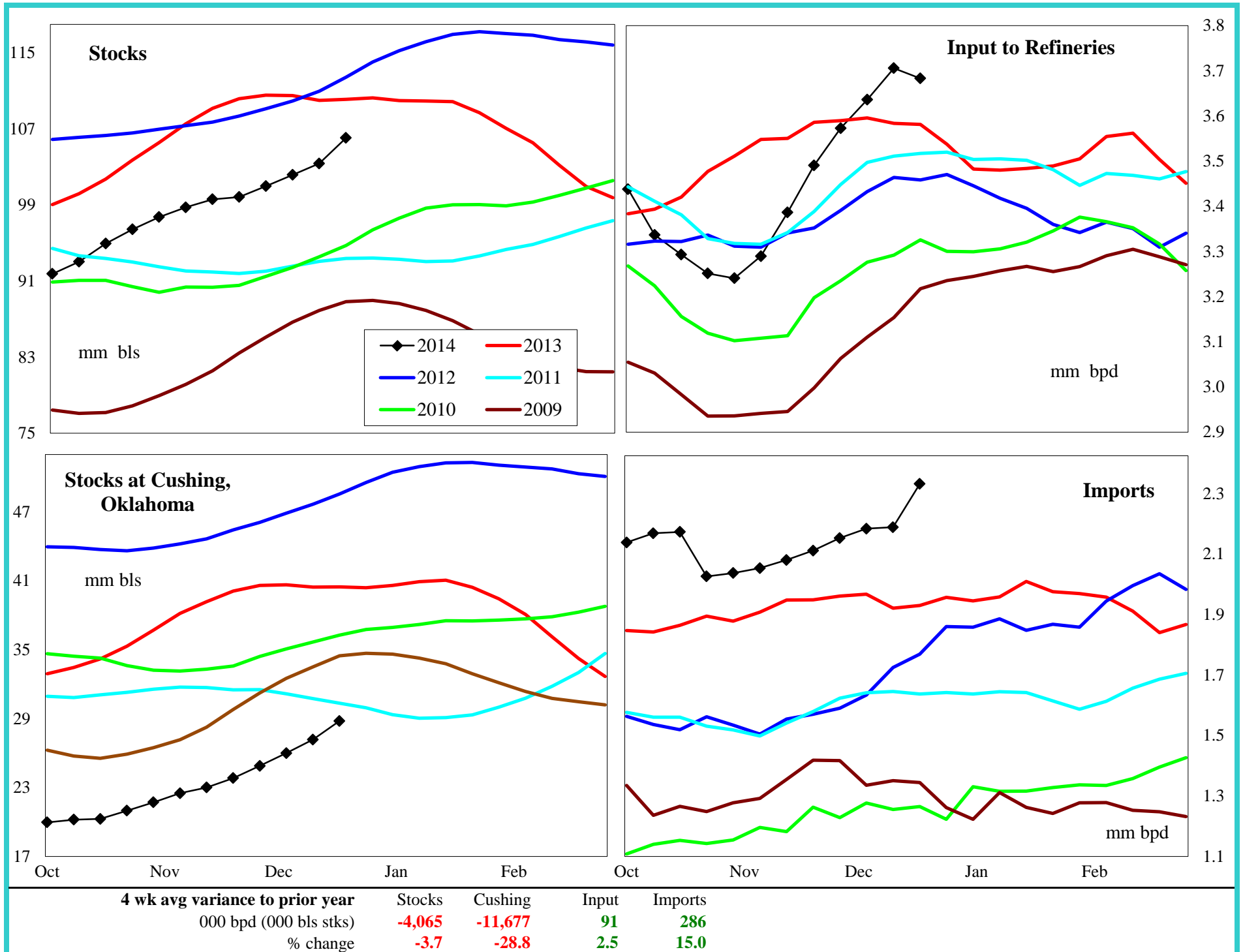
PADD 1 Jet Fuel Supply



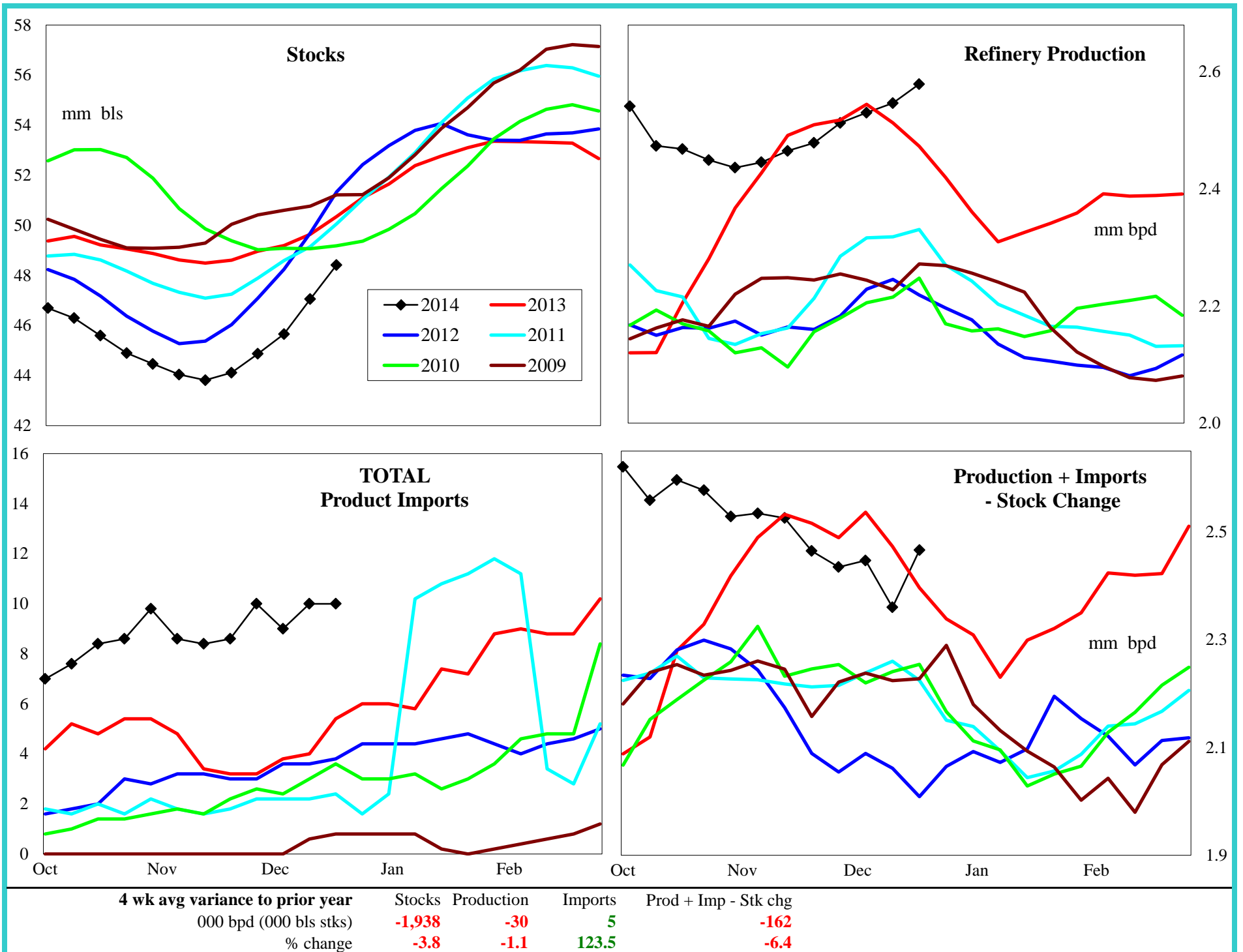
PADD 1 Residual Fuel Oil Supply



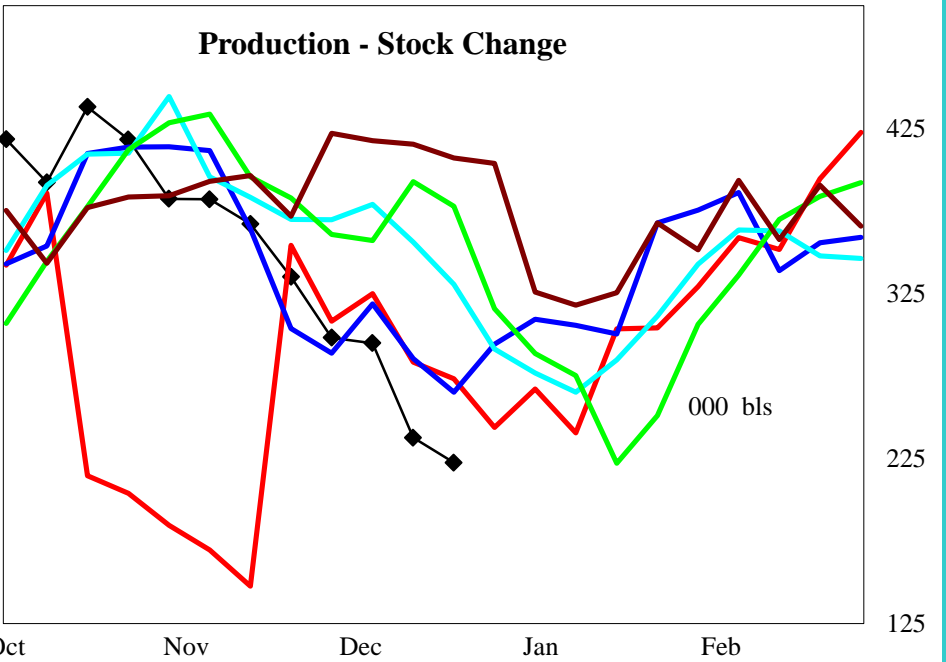
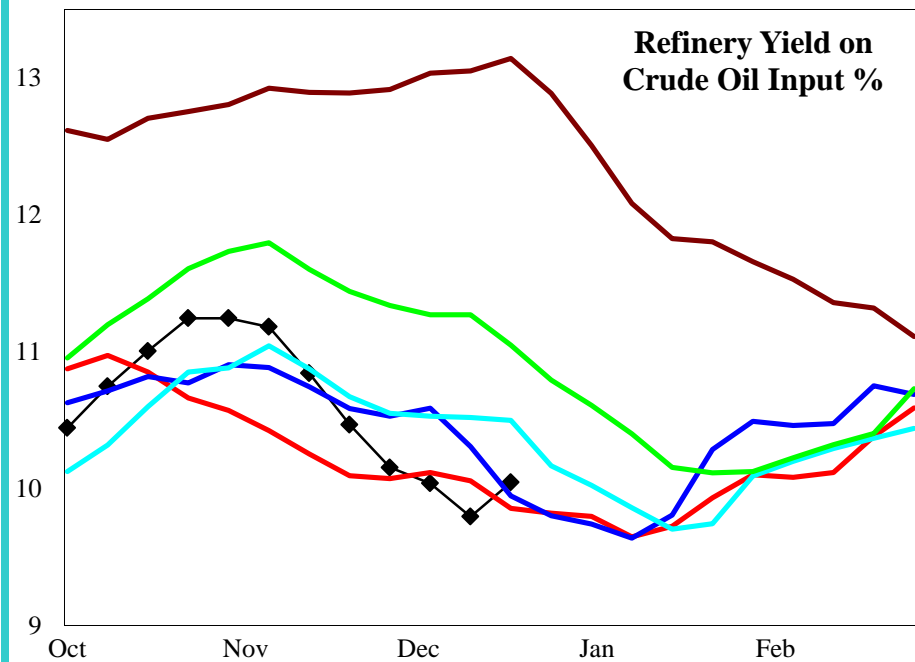
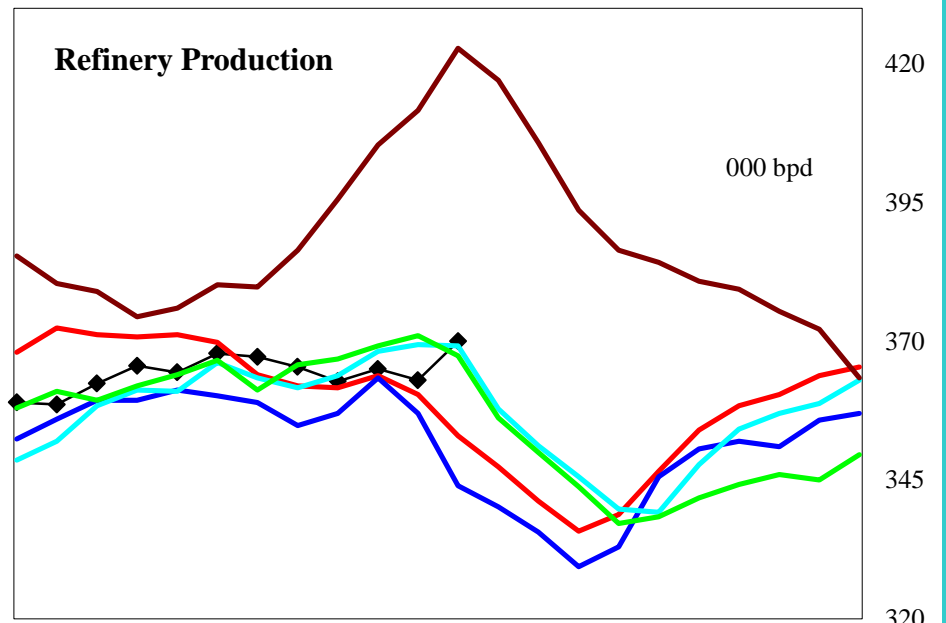
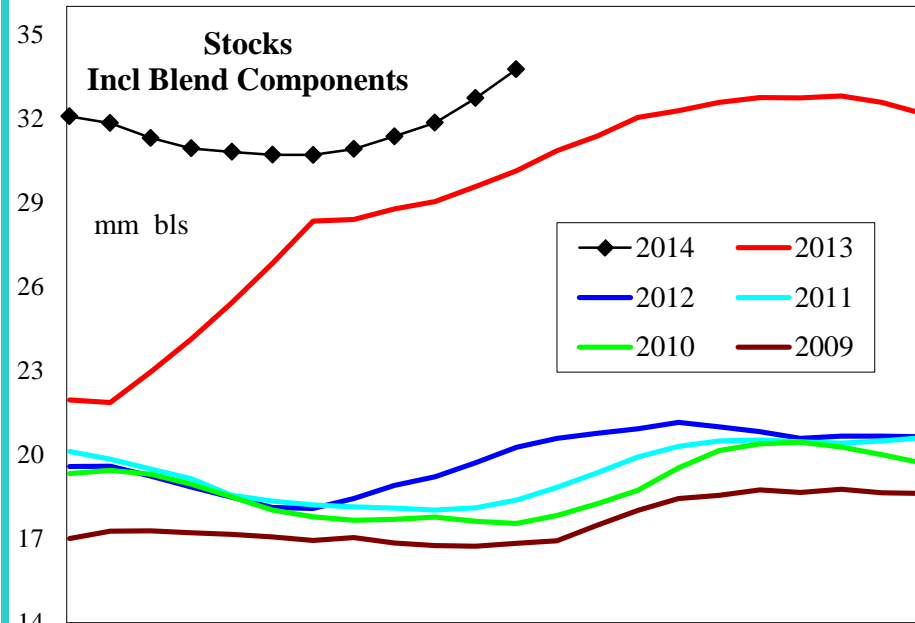
PADD 2 Crude Oil Supply and Refining



PADD 2 Gasoline Supply



PADD 2 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks Production

3,625 5

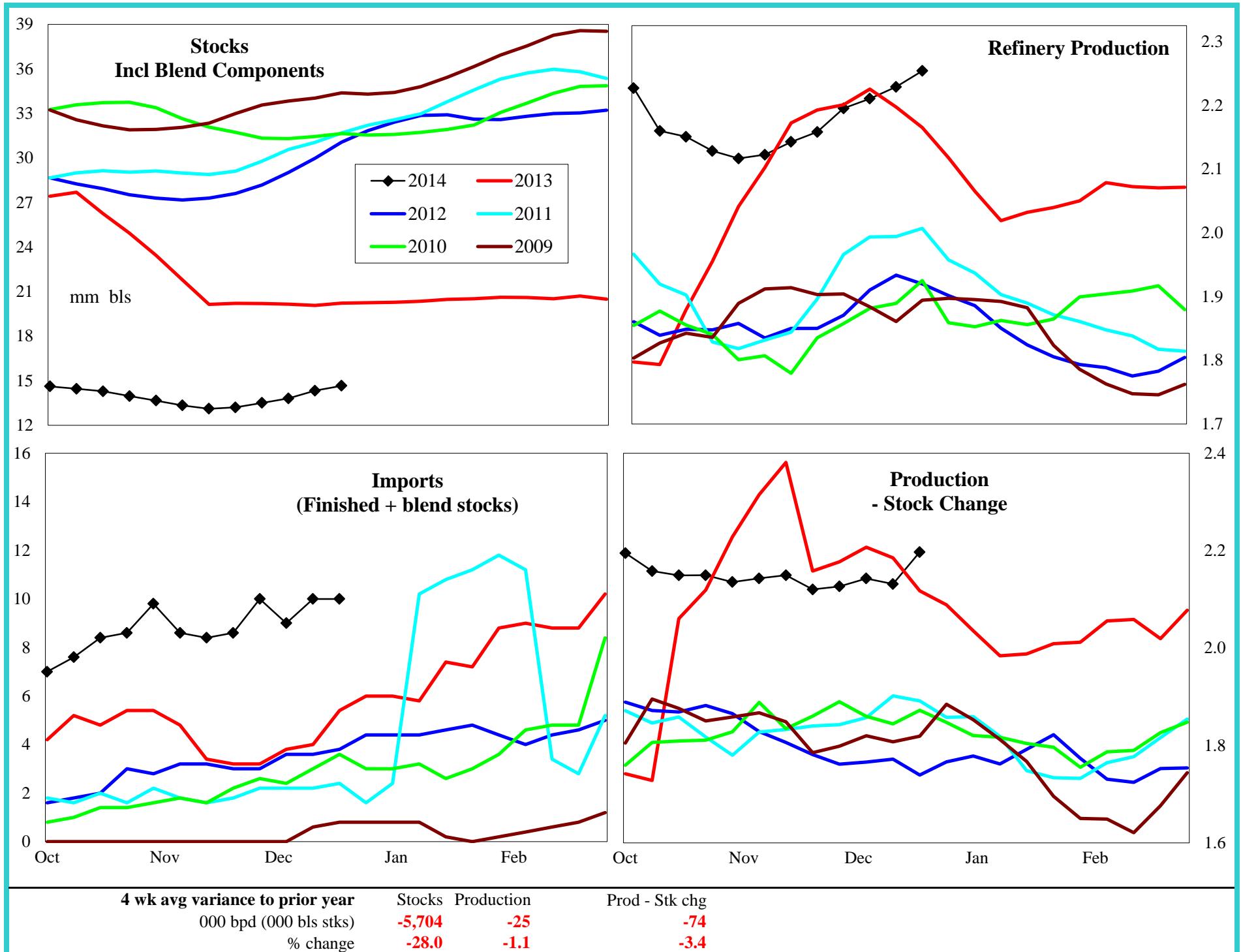
12.0 1.5

Prod - Stk chg

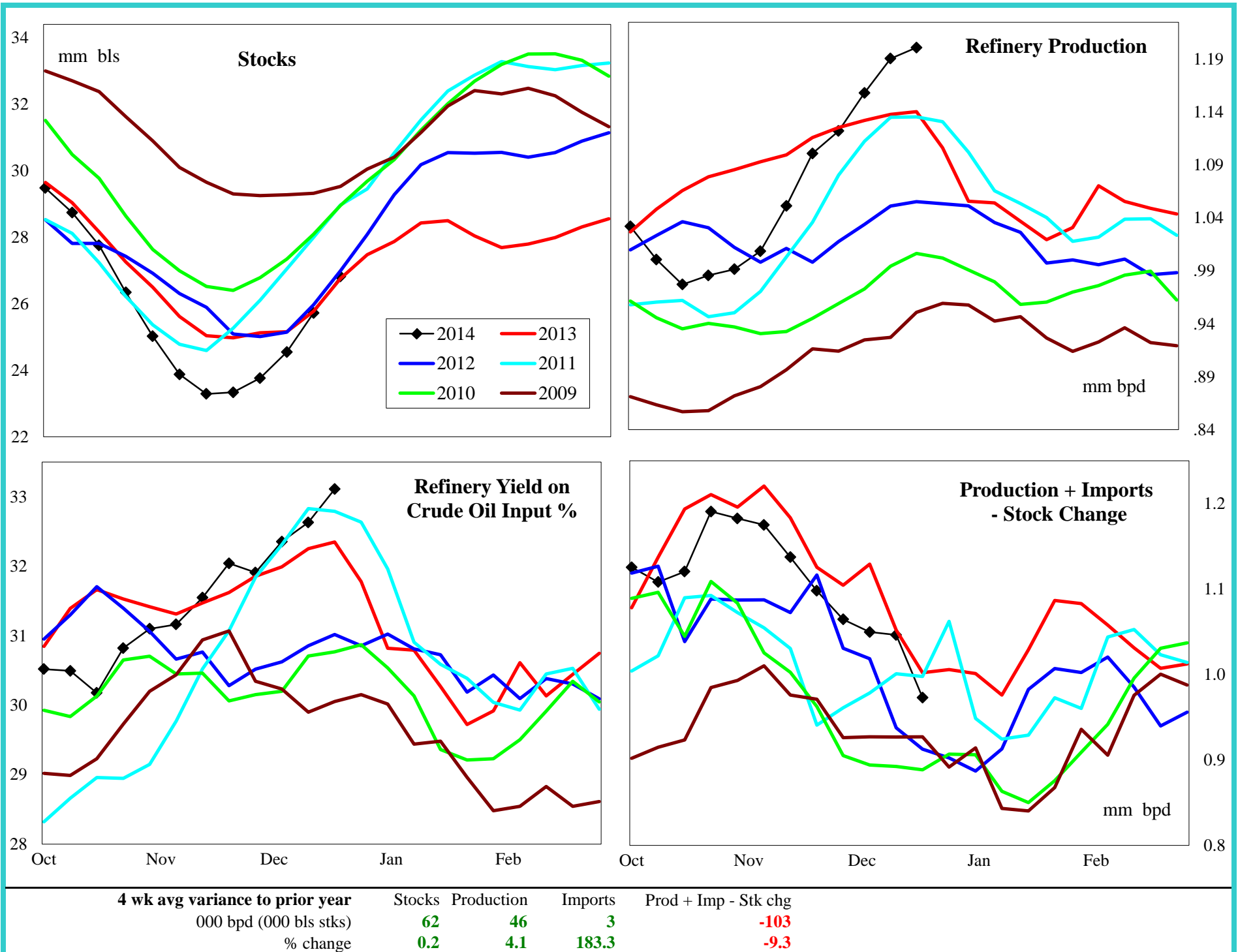
-34

-11.5

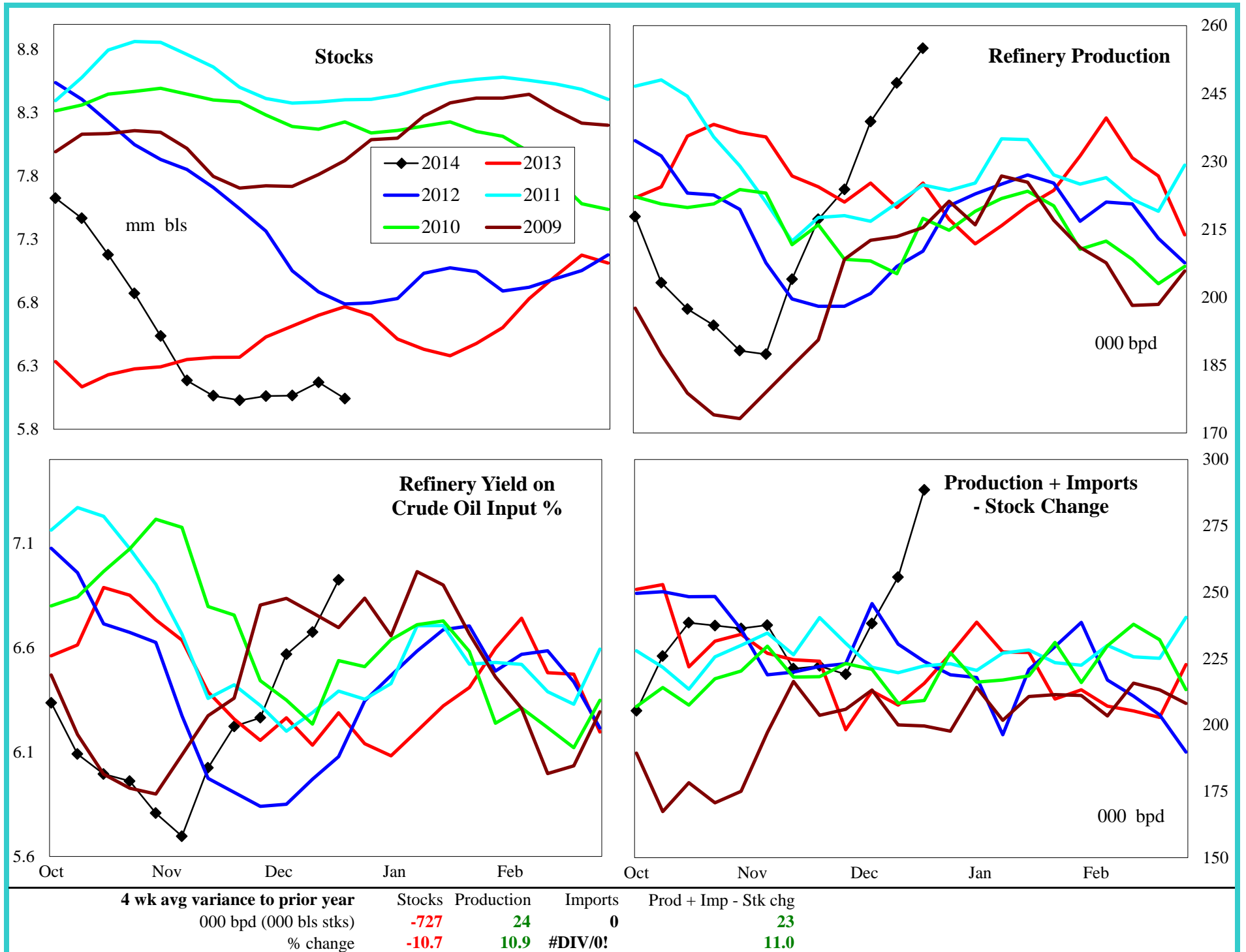
PADD 2 Conventional Gasoline Supply



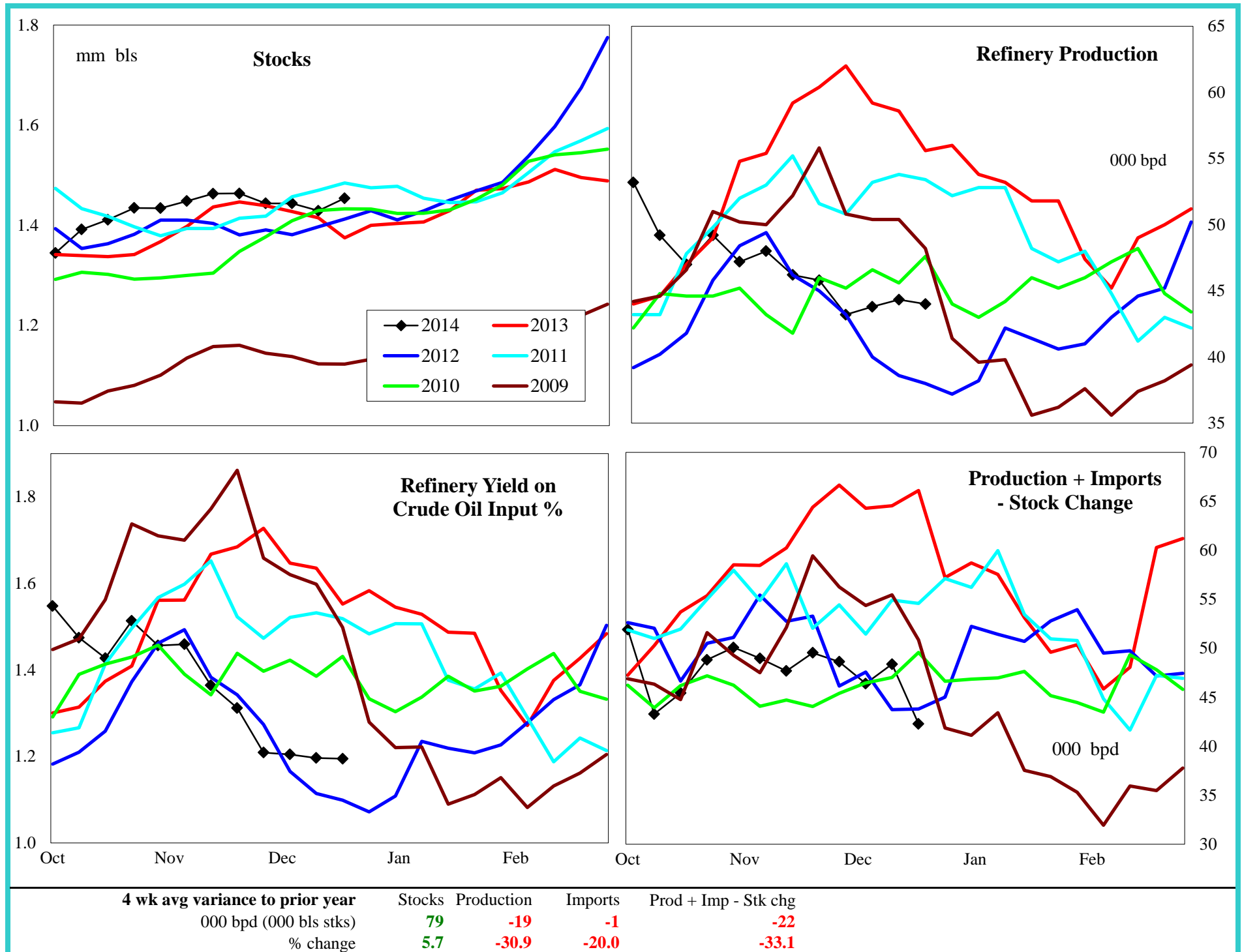
PADD 2 Distillate Supply



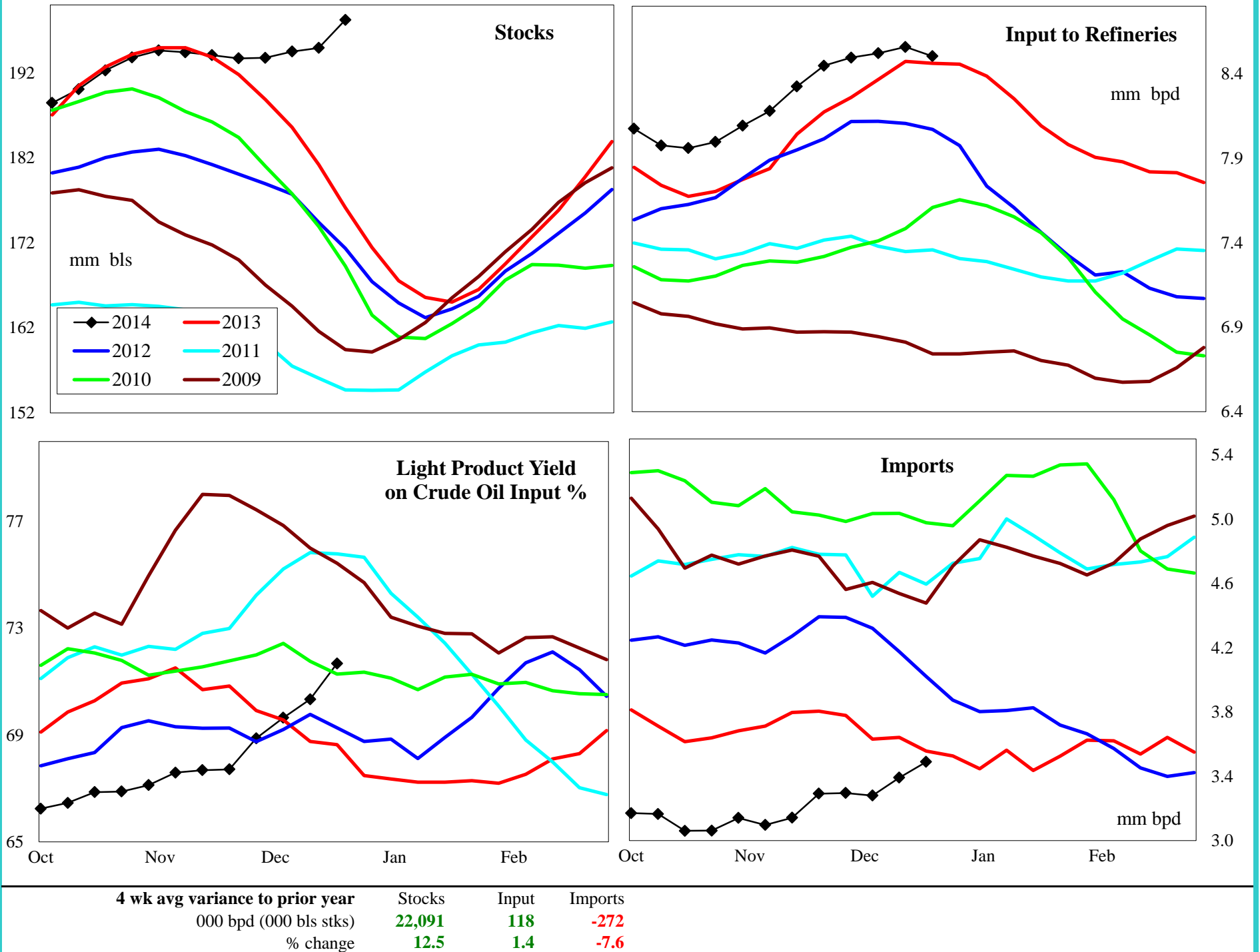
PADD 2 Jet Fuel Supply



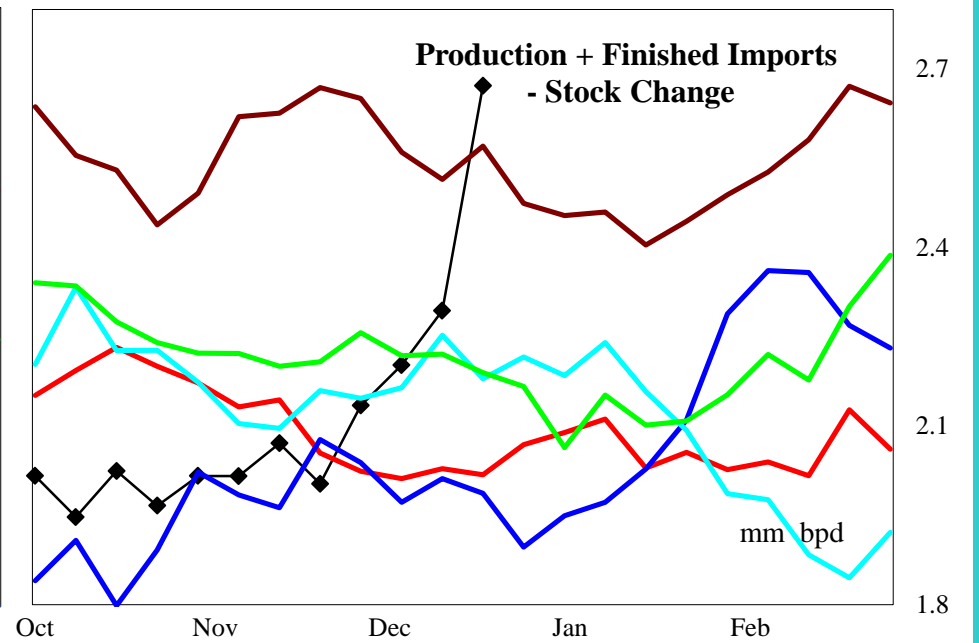
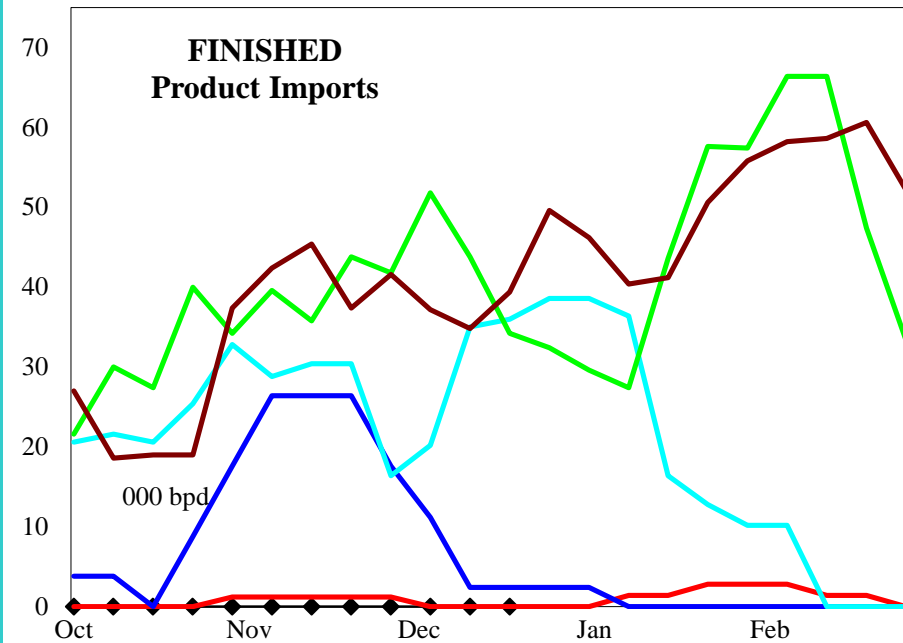
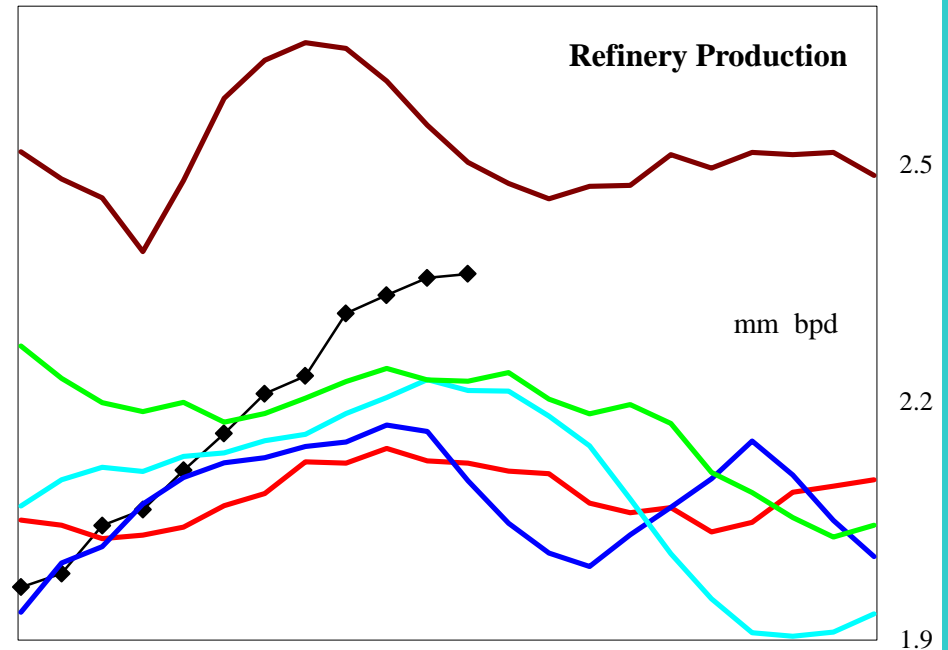
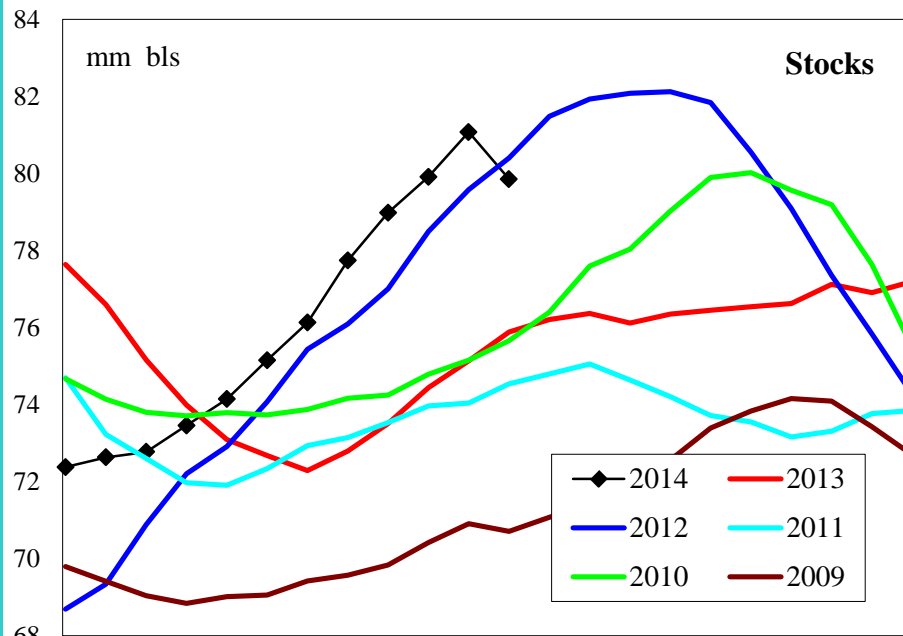
PADD 2 Residual Fuel Oil Supply



PADD 3 Crude Oil Supply and Refining



PADD 3 Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

3,250

4.2

Production

206

9.6

Fin Impt

0

#DIV/0!

Blend Impt

-7

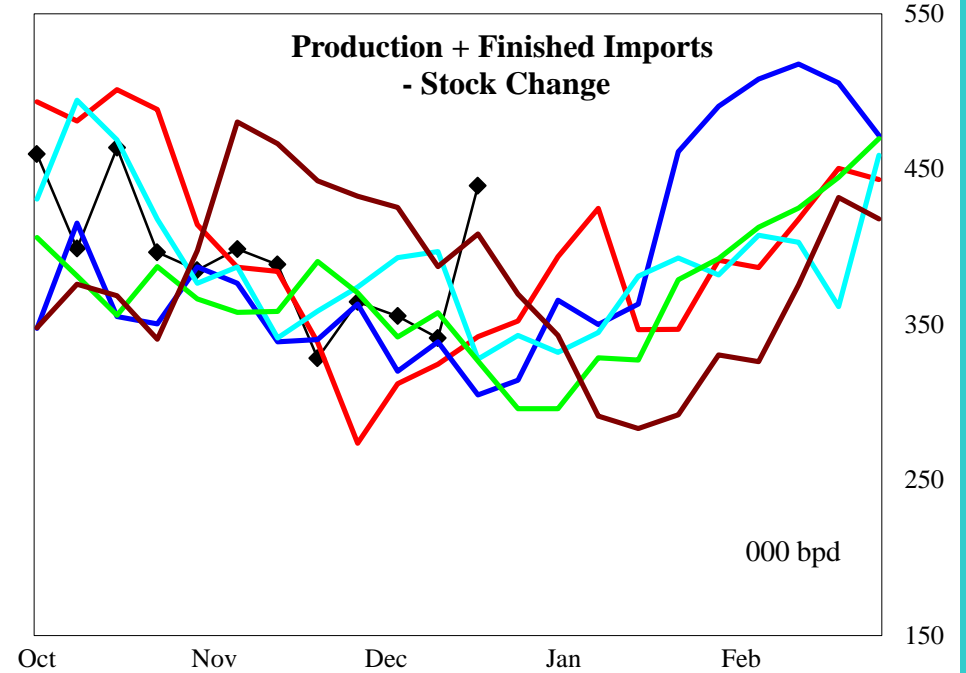
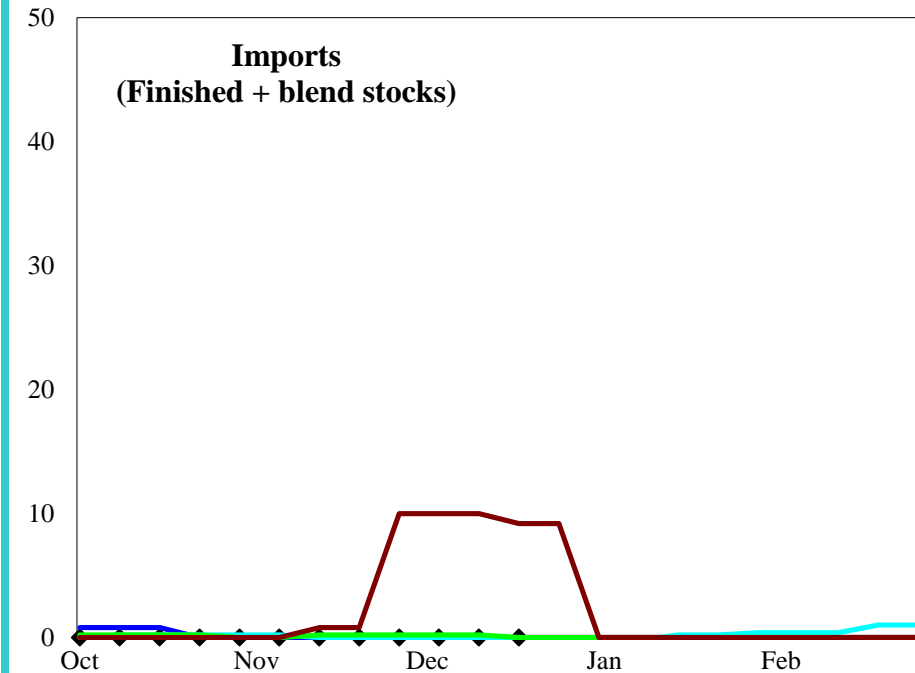
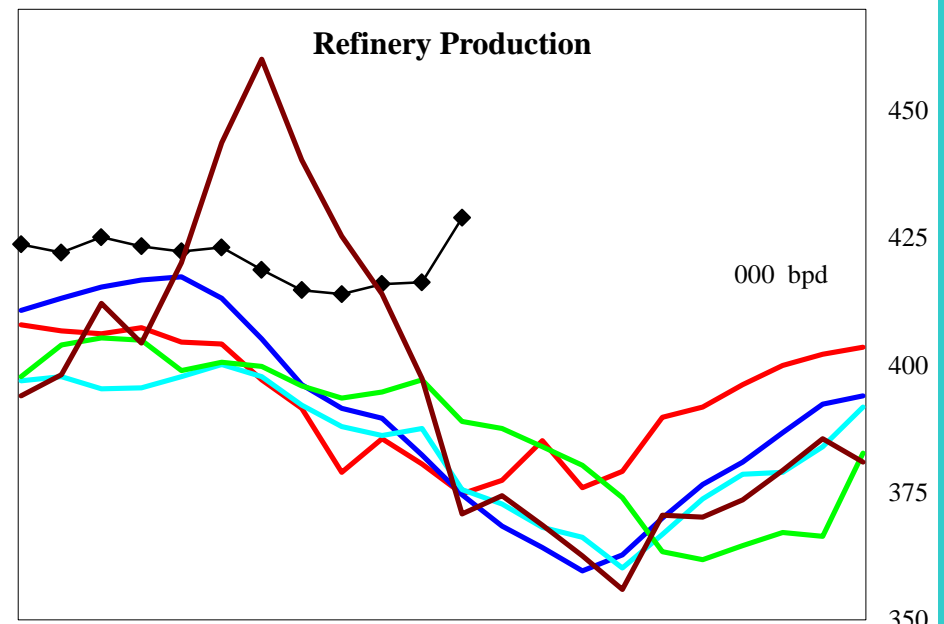
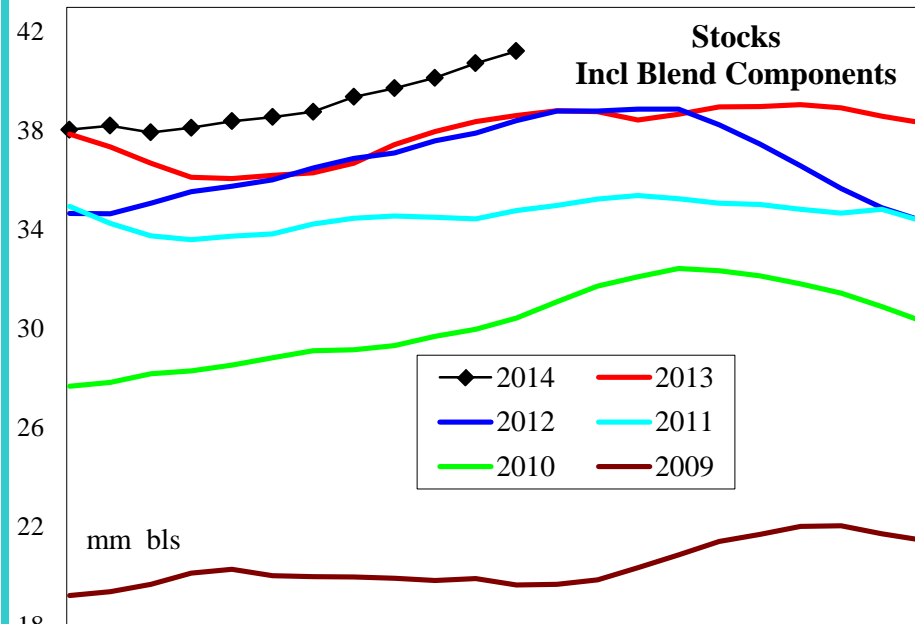
-36.3

Prod + Imp - Stk chg

290

14.6

PADD 3 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,872

4.8

Production

33

8.5

Imports

0

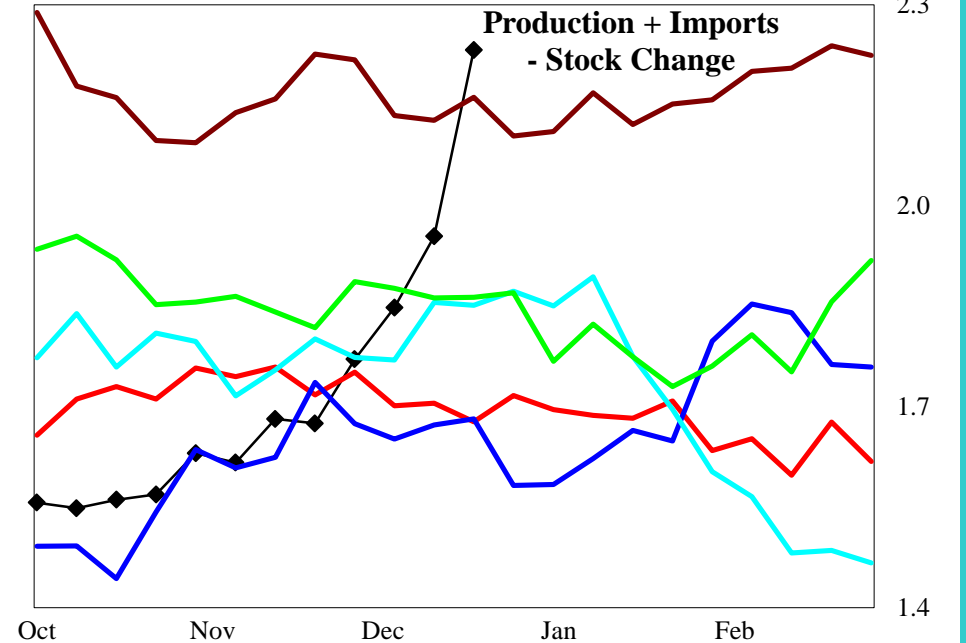
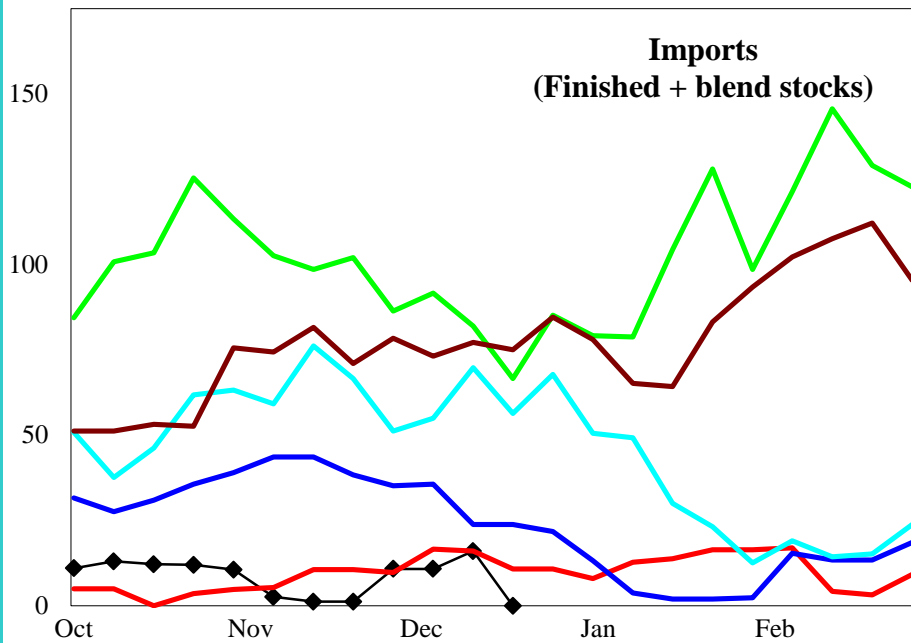
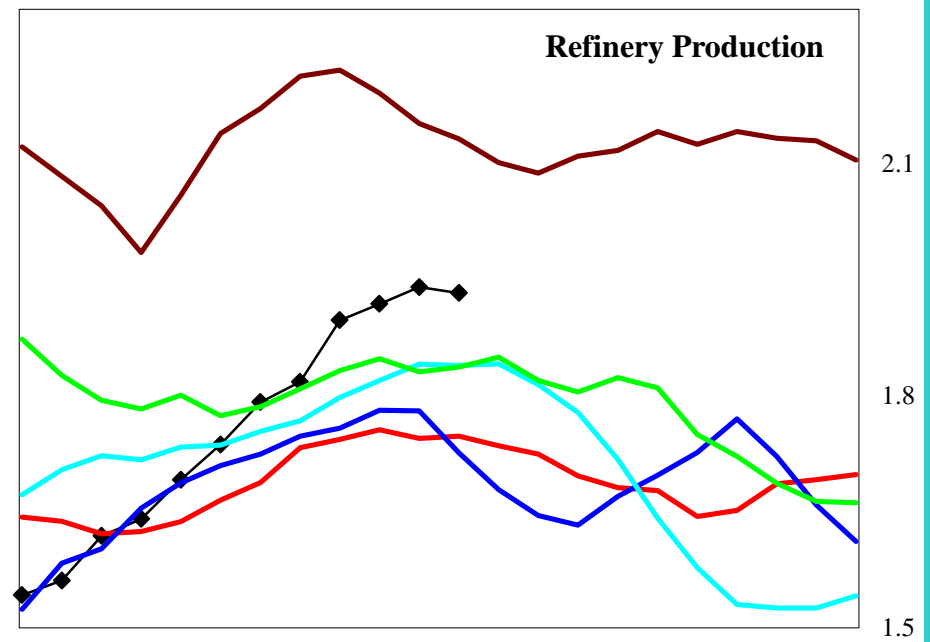
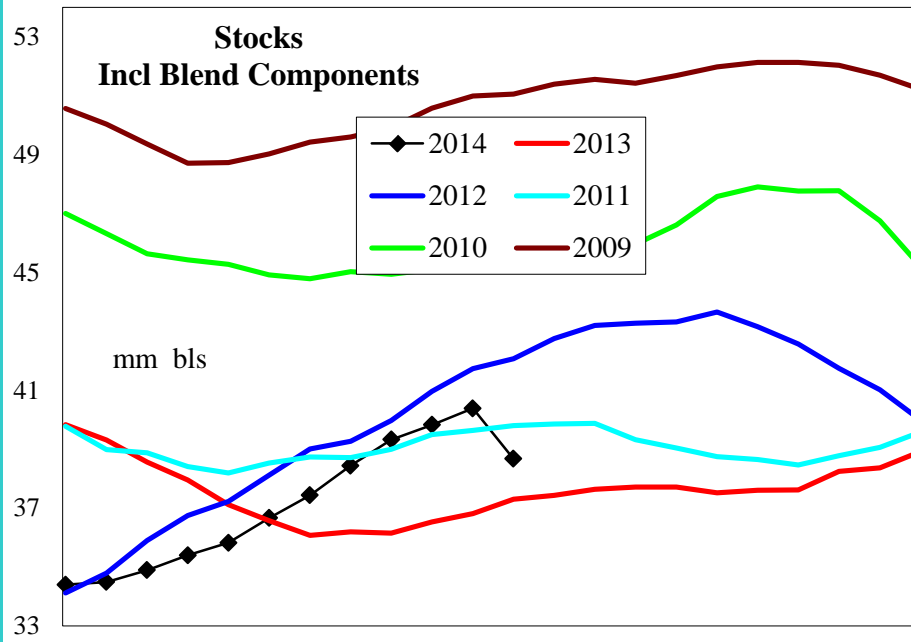
#DIV/0!

Prod + Imp - Stk chg

65

24.4

PADD 3 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,379

3.7

Production

174

9.9

Imports

-7

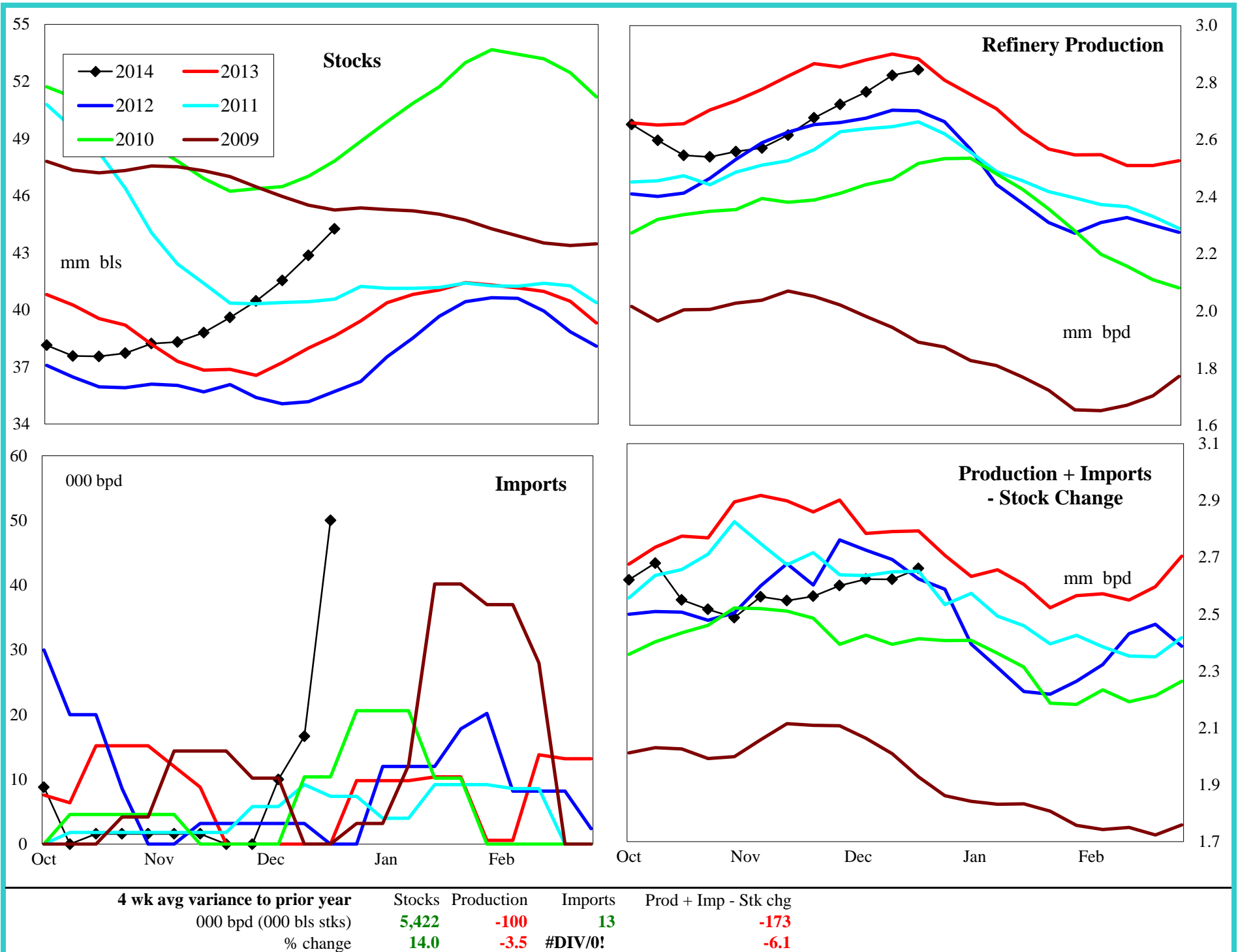
-36.3

Prod + Imp - Stk chg

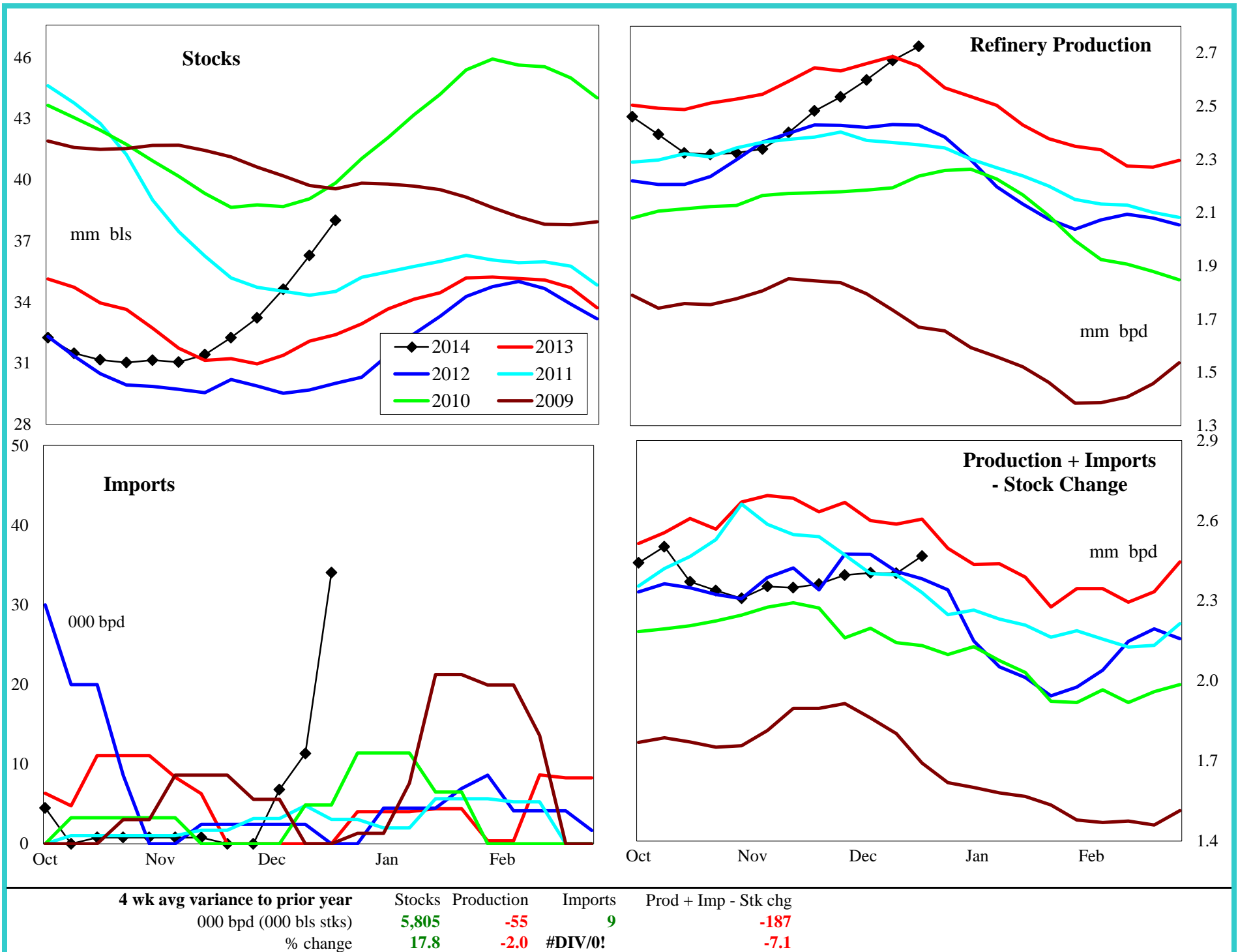
225

13.1

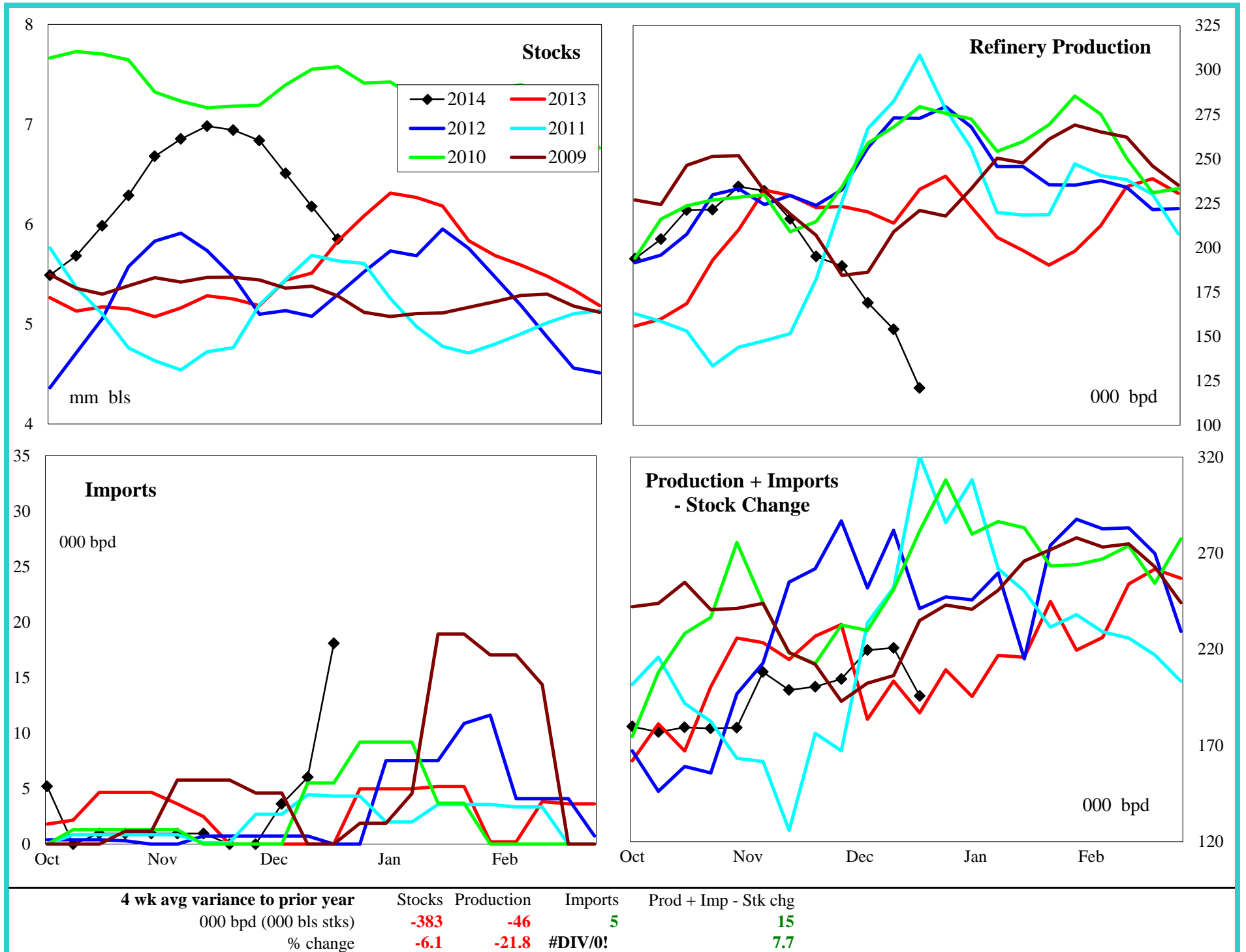
PADD 3 Distillate Supply



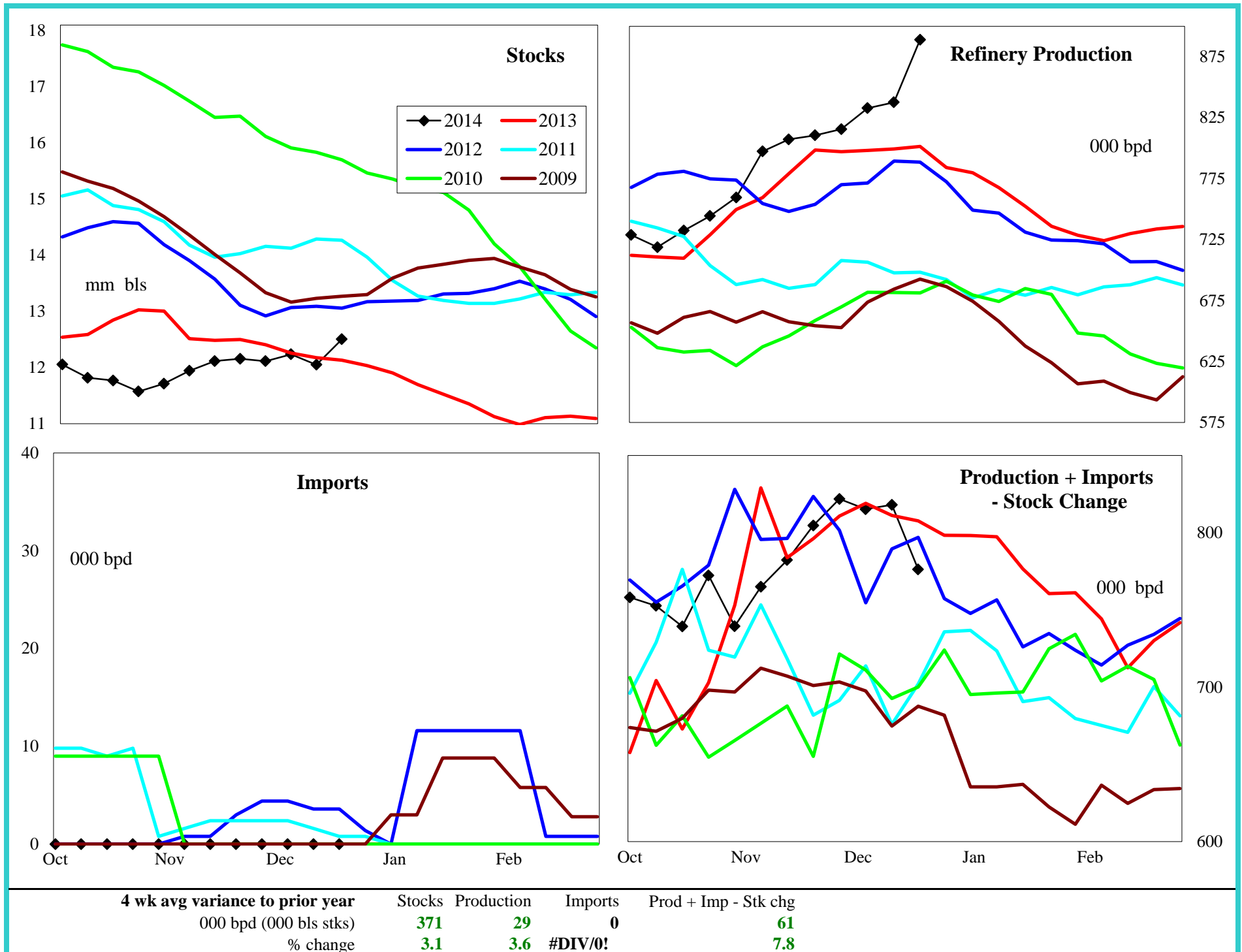
PADD 3 Low Sulfur Distillate Supply



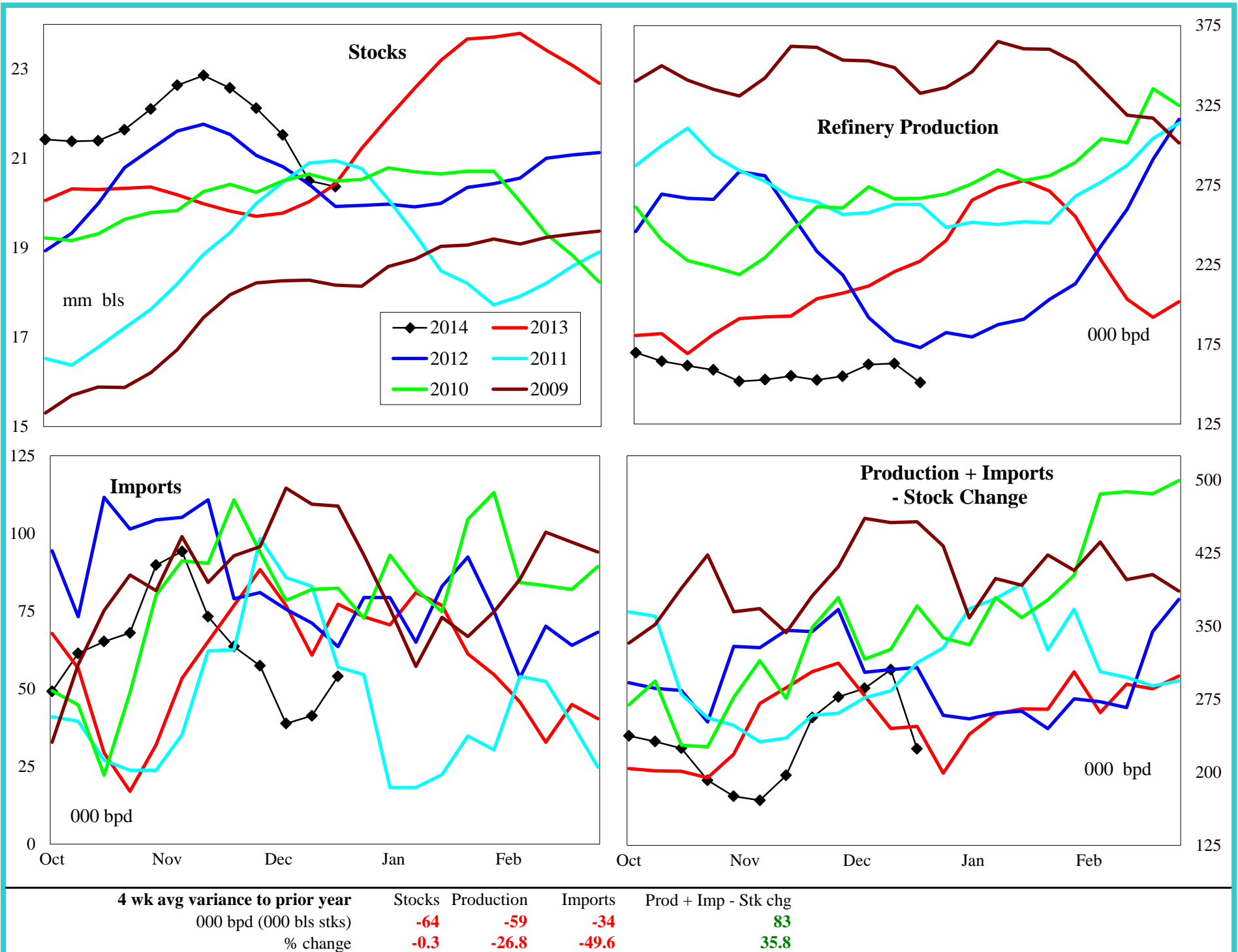
PADD 3 High Sulfur Distillate Supply



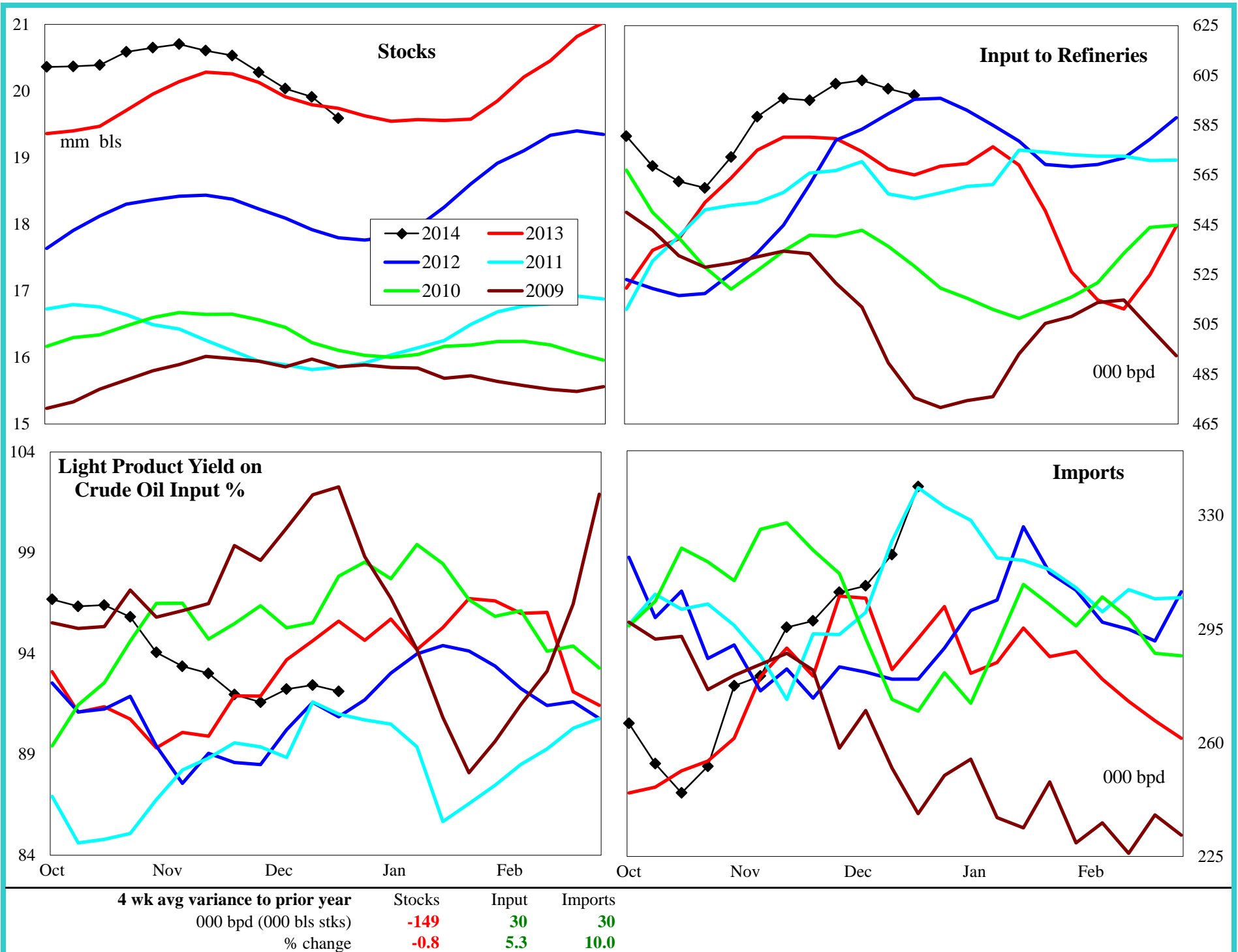
PADD 3 Jet Fuel Supply



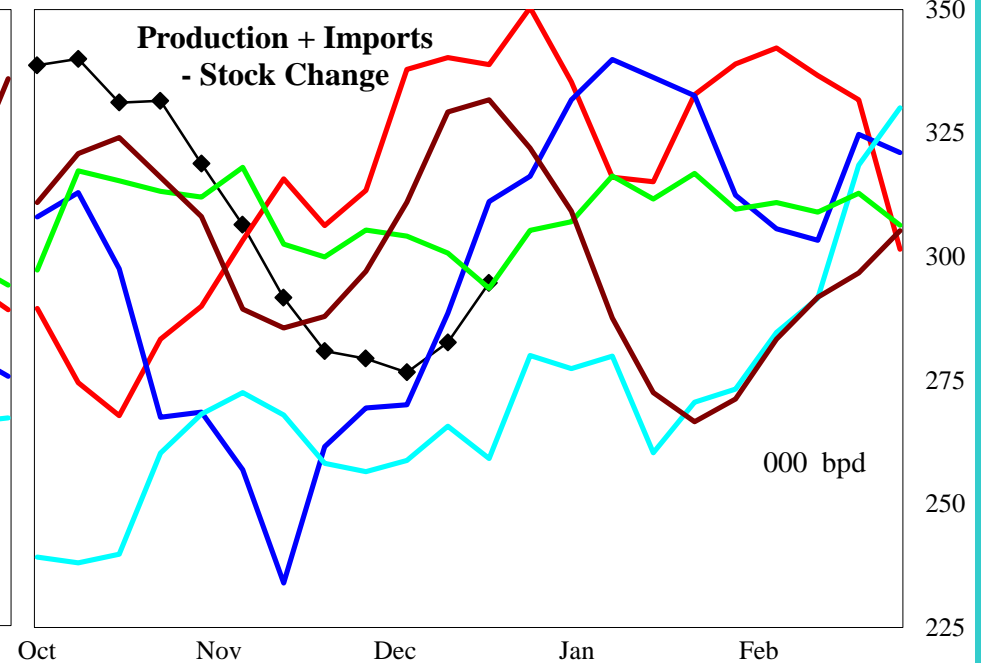
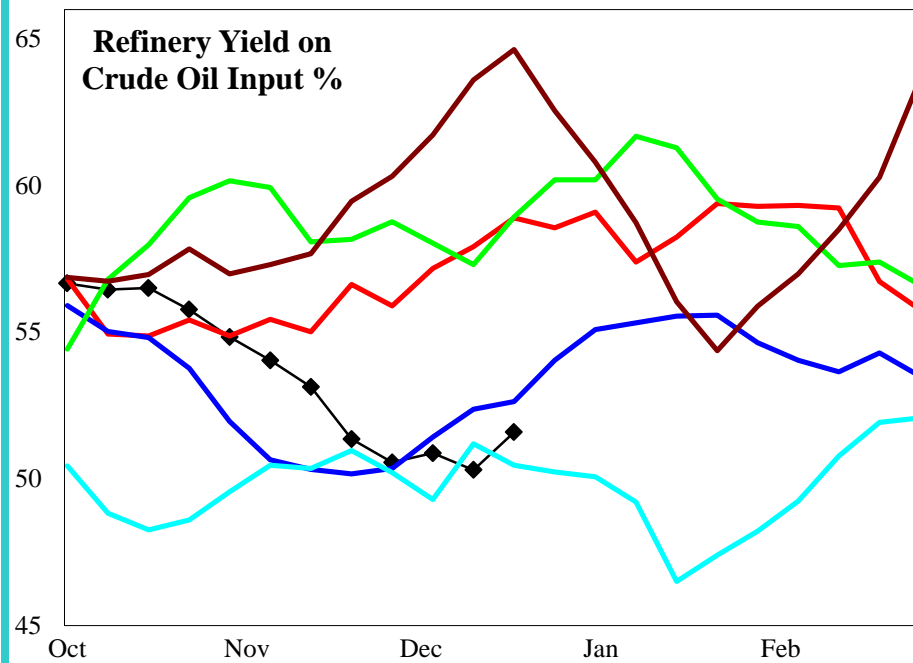
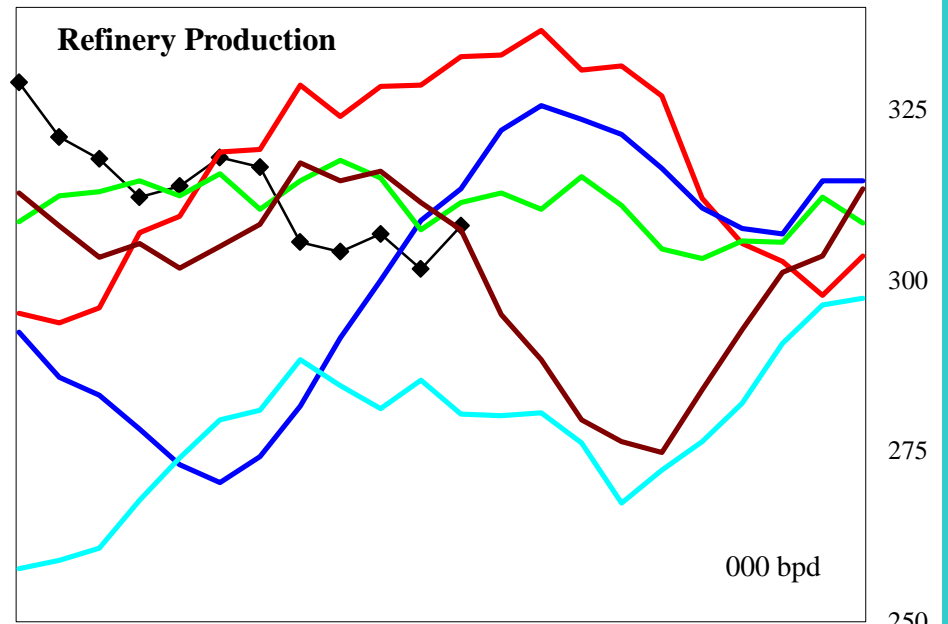
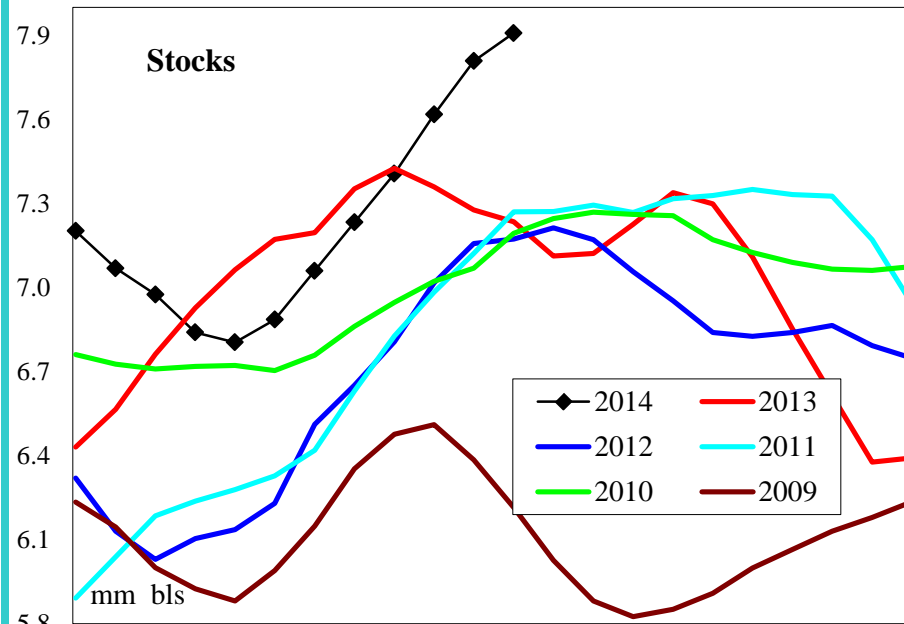
PADD 3 Residual Fuel Oil Supply



PADD 4 Crude Oil Supply and Refining



PADD 4 Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Prod + Imp - Stk chg

673

-26

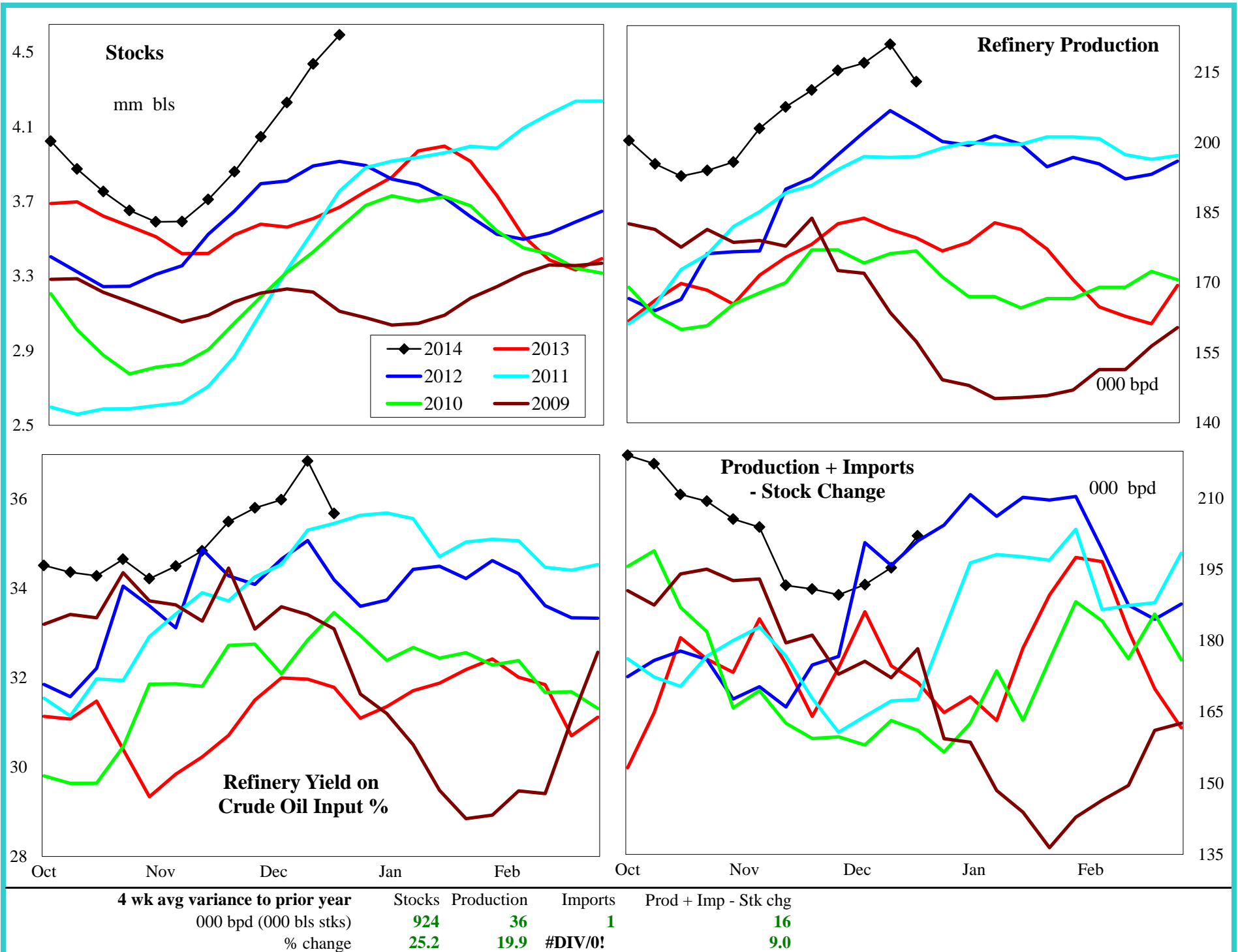
-65

9.3

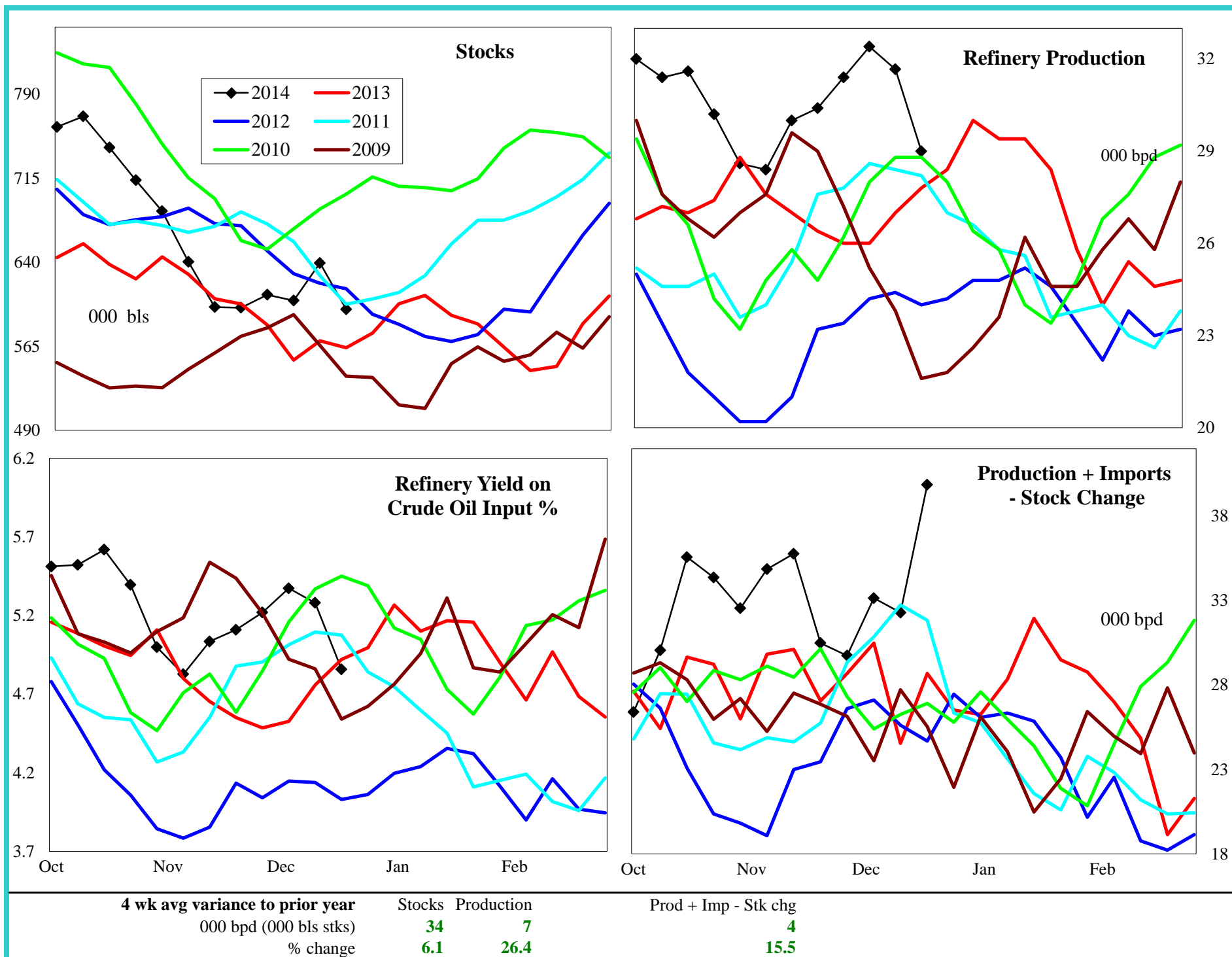
-7.8

-18.9

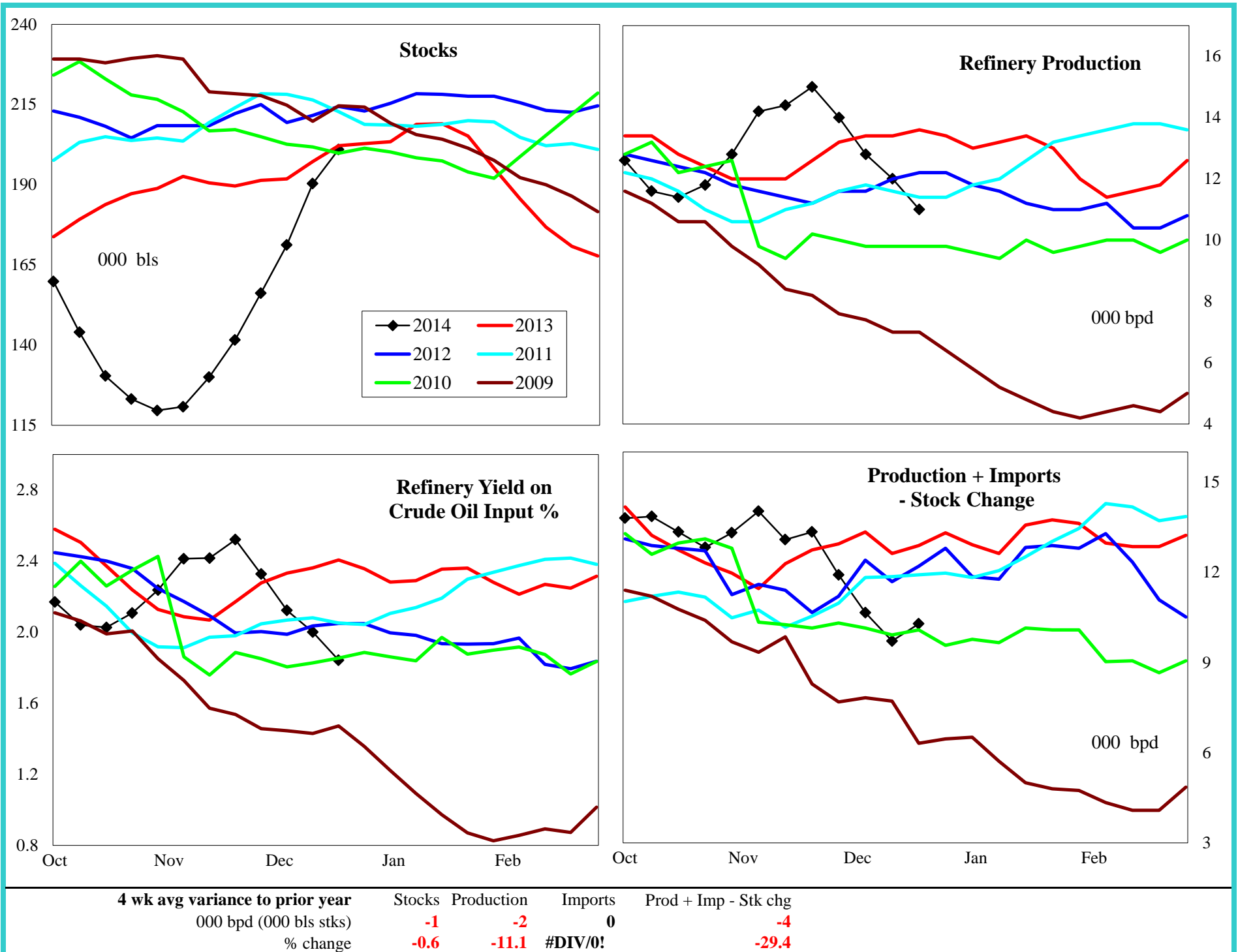
PADD 4 Distillate Supply



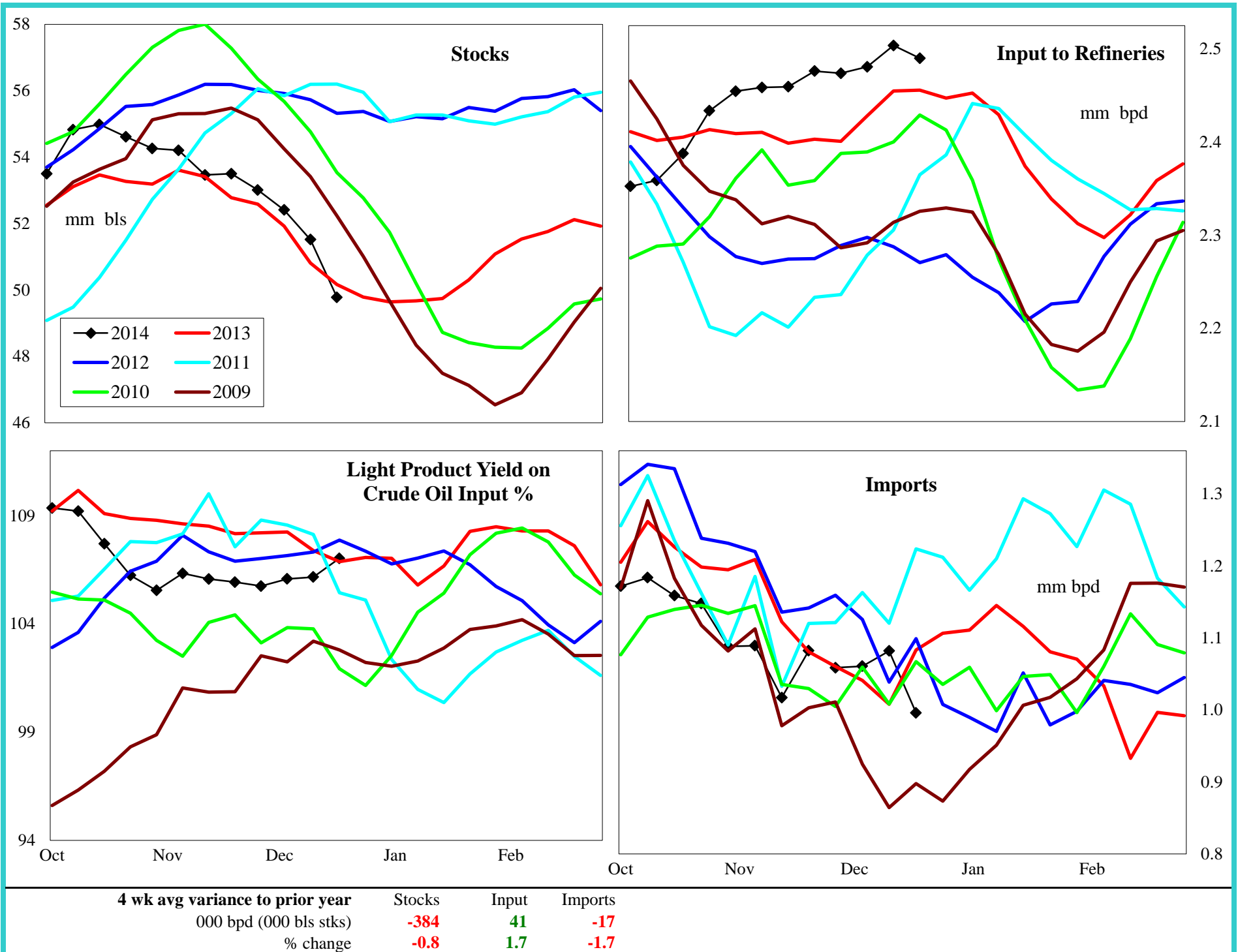
PADD 4 Jet Fuel Supply



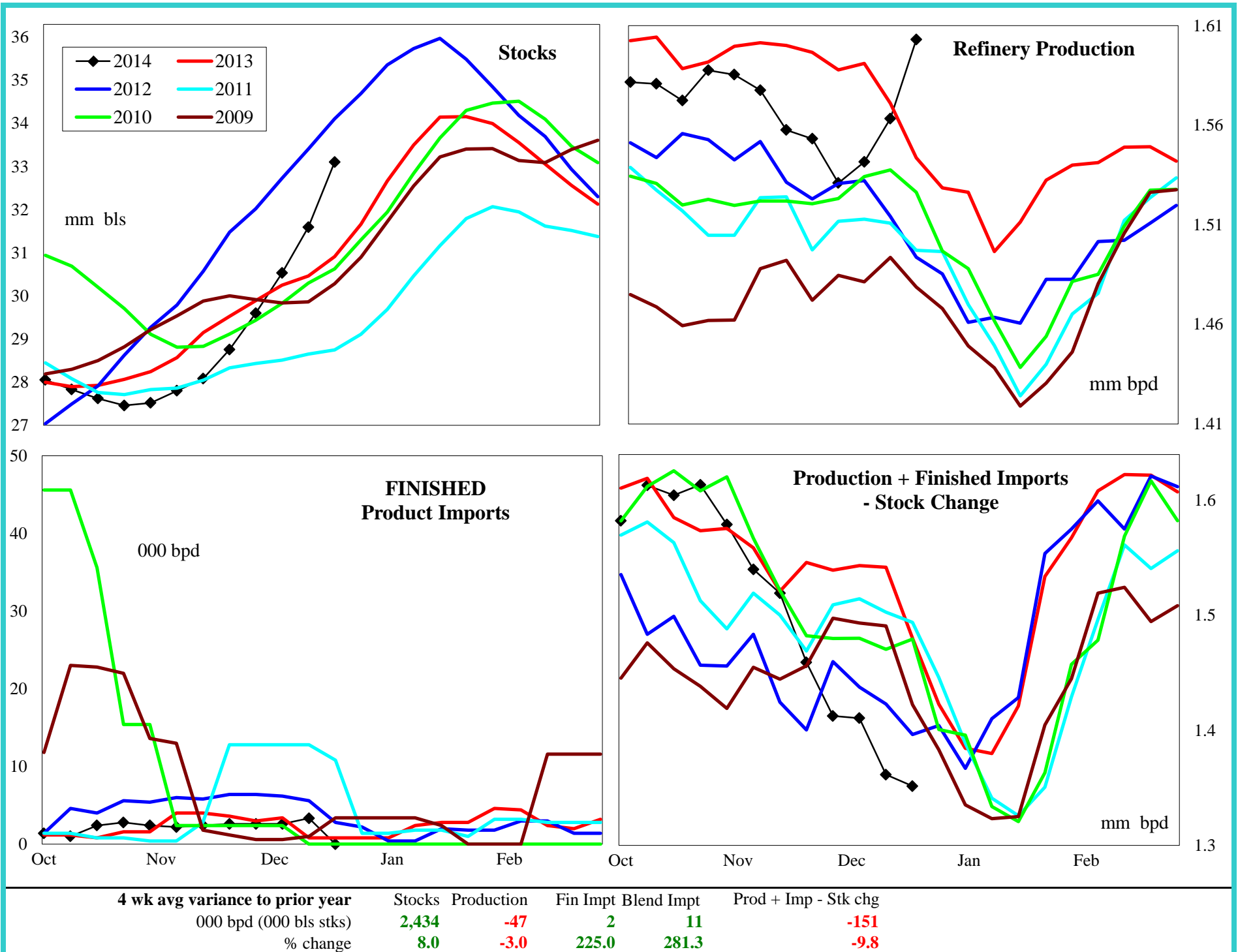
PADD 4 Residual Fuel Oil Supply



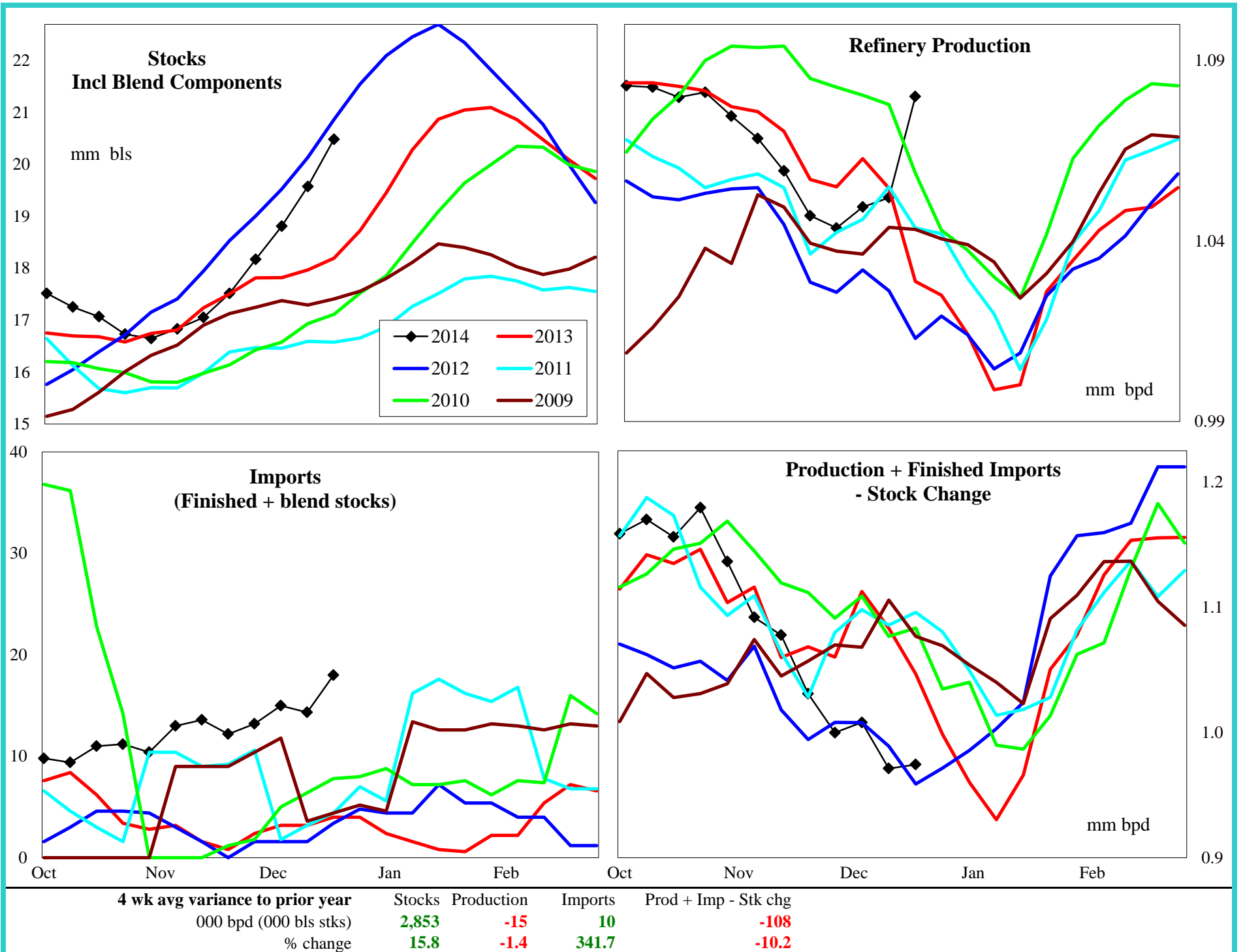
PADD 5 Crude Oil Supply and Refining



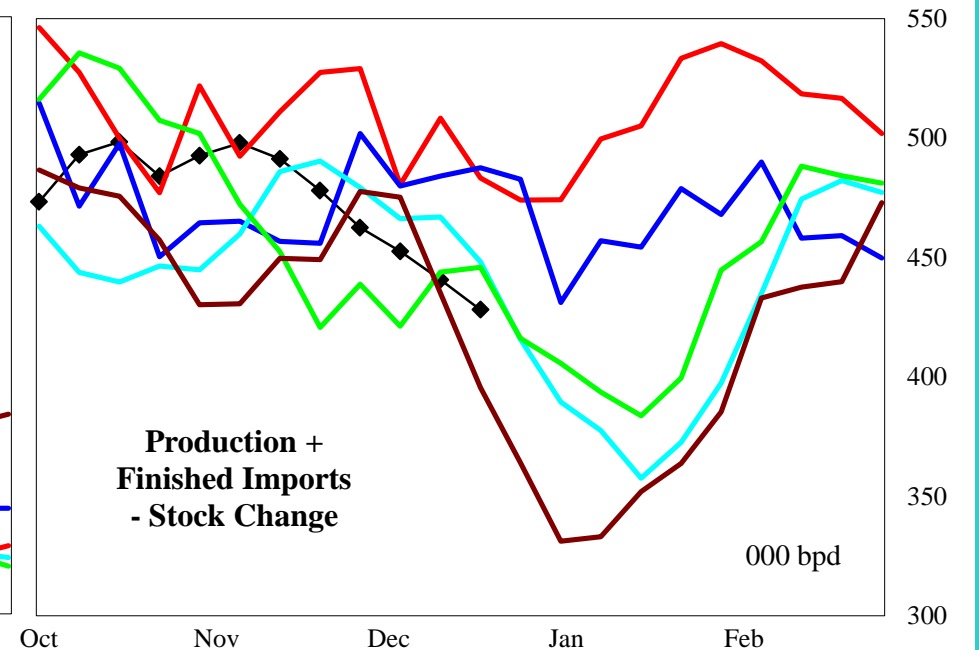
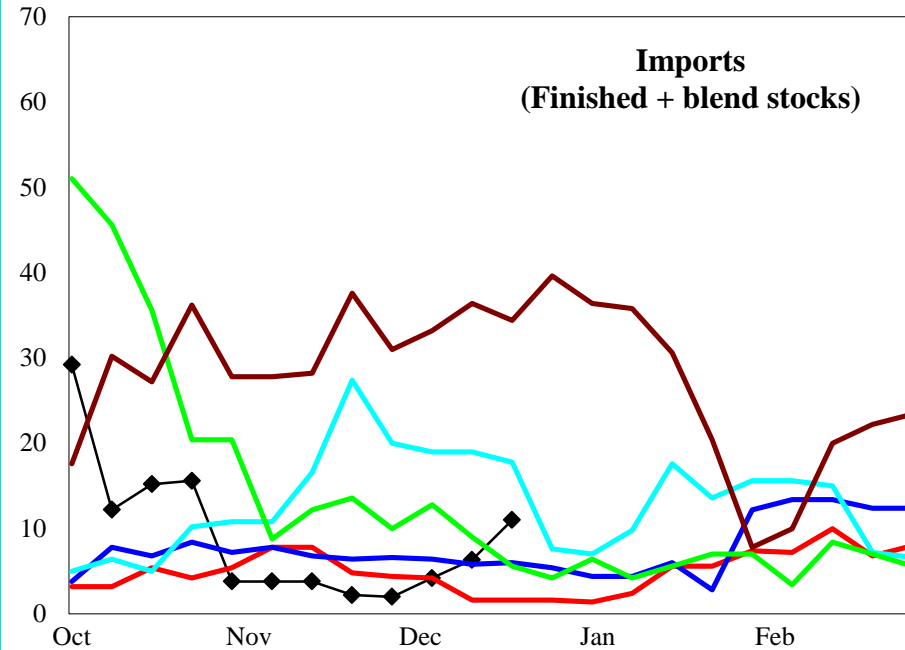
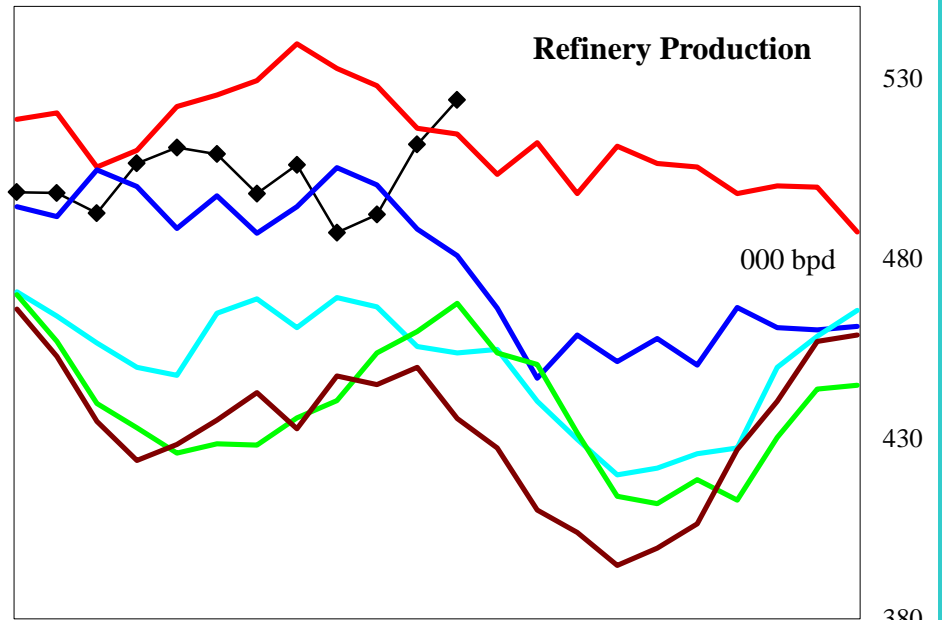
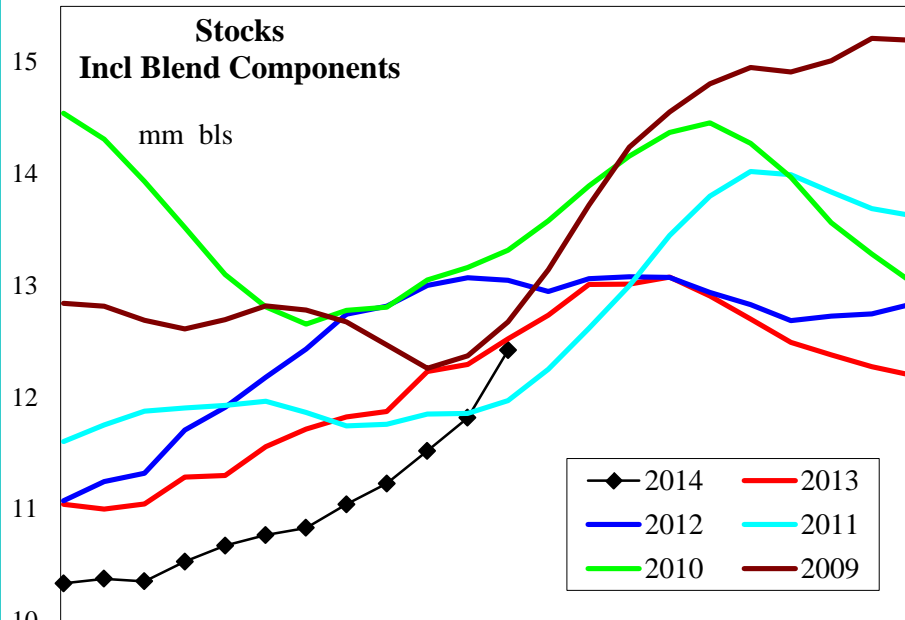
PADD 5 Gasoline Supply



PADD 5 Reformulated Gasoline Supply



PADD 5 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-419

-3.4

Production

-32

-6.1

Imports

3

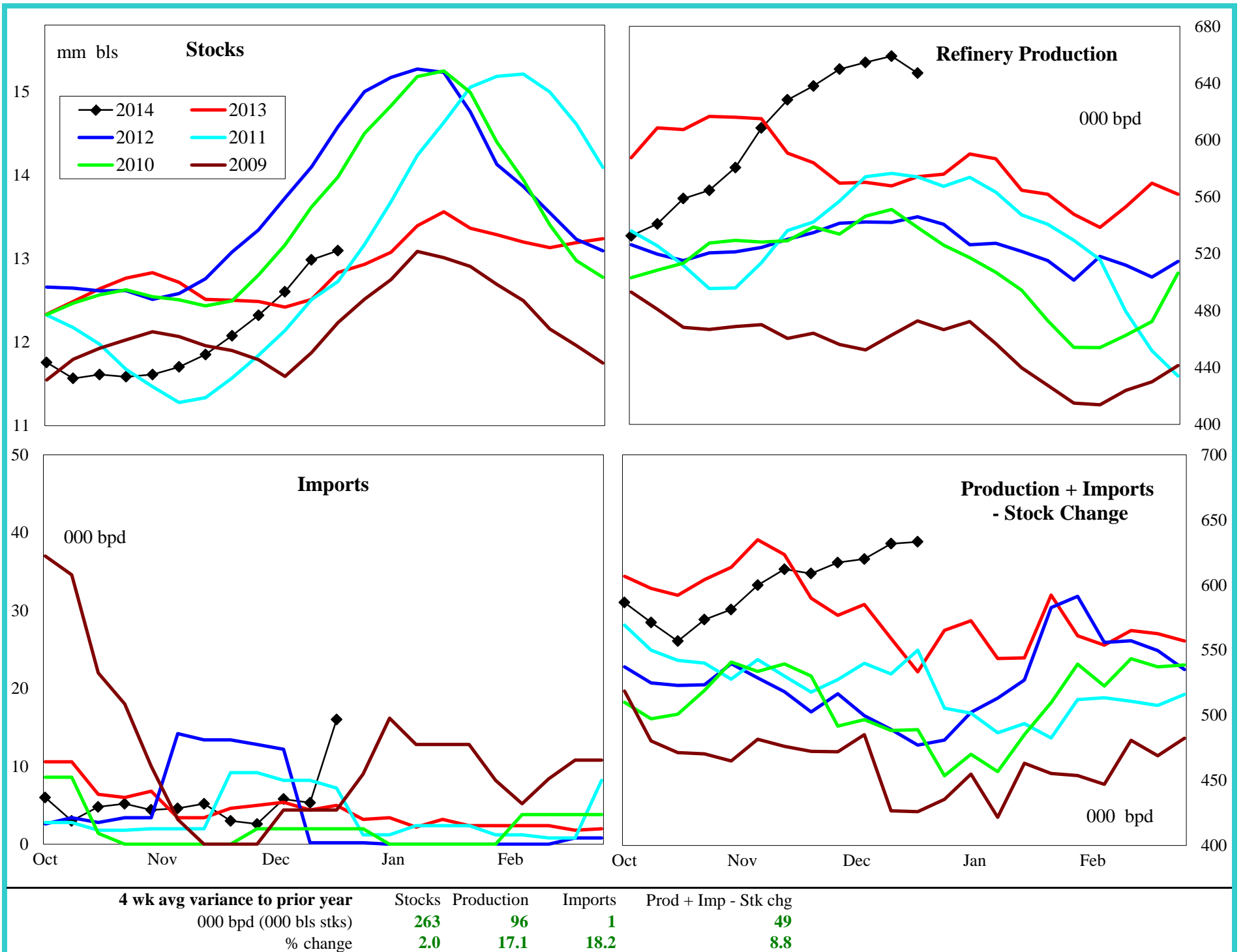
162.5

Prod + Imp - Stk chg

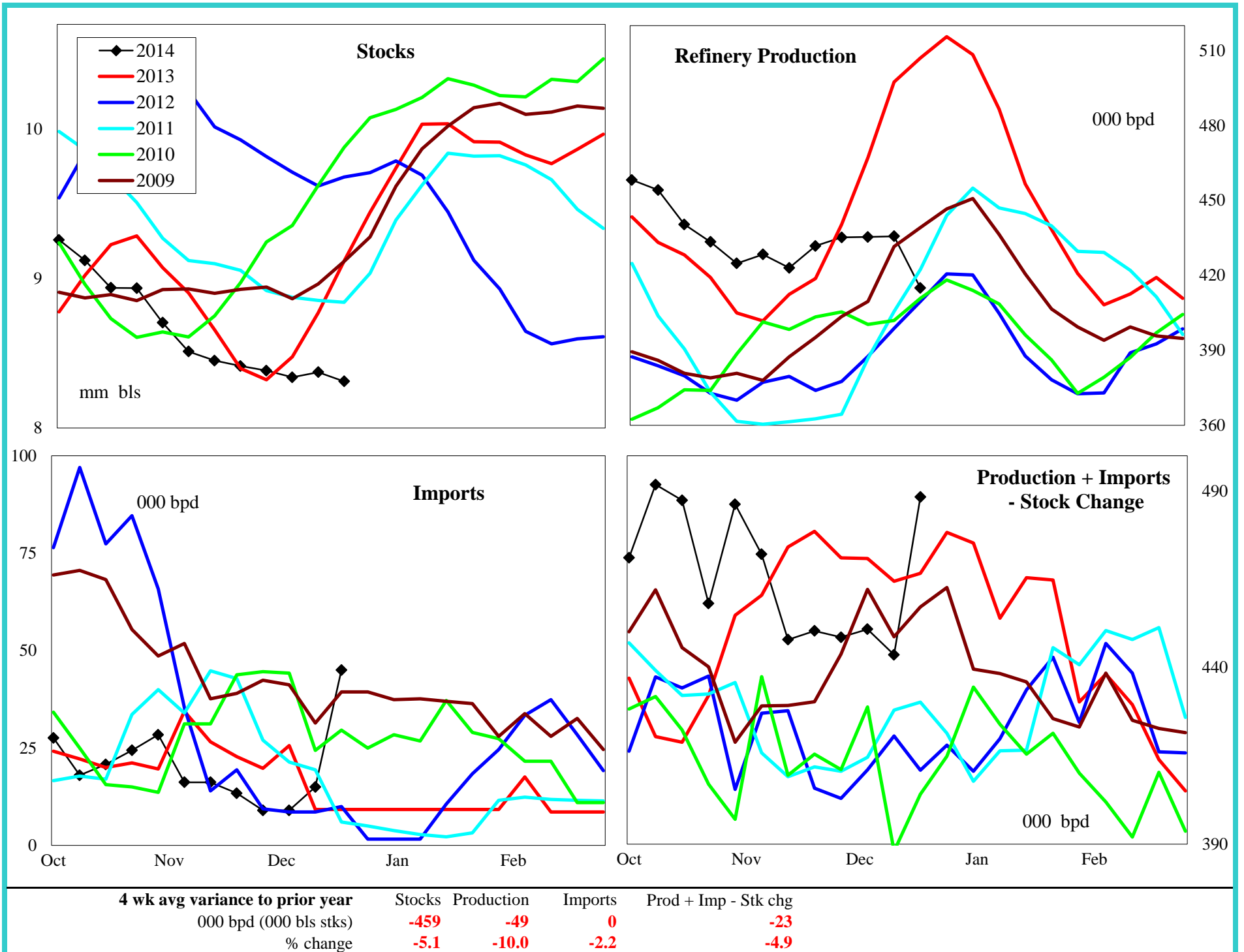
-43

-8.6

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

