



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

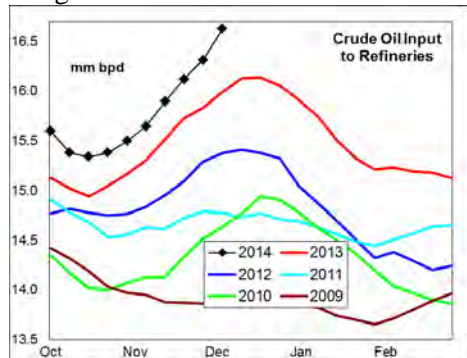
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, December 10,

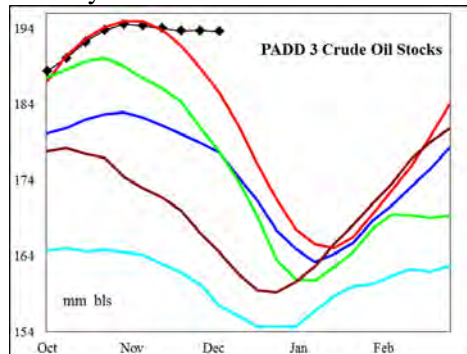


Major Fundamental Trends¹

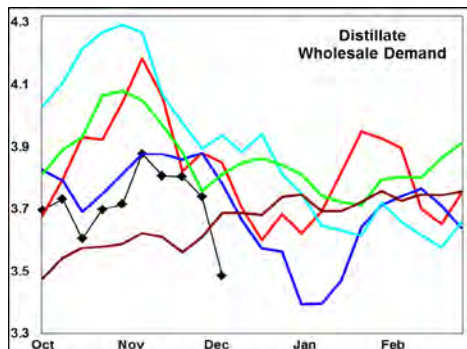
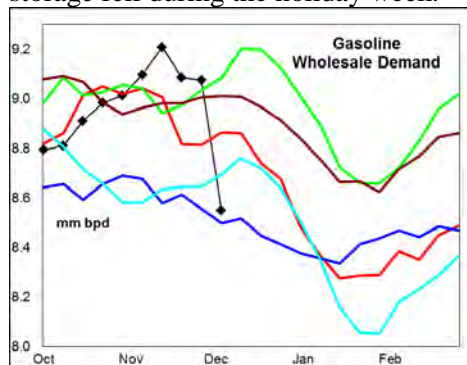
Crude oil refinery input climbed to a season high following completion of fall maintenance. Expect high runs in the very near term with risk of refinery run cuts on extremely poor refining margins.



Crude oil stocks in the Gulf region have failed to see a seasonal draw during the last 2-wks, even with record refinery runs.



Gasoline and distillate wholesale demand each dropped to very low levels as deliveries from commercial storage fell during the holiday week.



Look for a rebound in wholesale demand as the downstream supply chain restocks. Combined with potential of refinery run cuts, wholesale product prices may exhibit relative strength compared to weak global crude oil prices by year end.

Wholesale Demand for gasoline plunged -0.9 million bpd while distillate was again lower on the week.

Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +3.9%, distillate decreased -1.7%, jet fuel was unchanged, while residual fuel increased +20%.

Stocks forward coverage: Gasoline demand coverage increased on a +8.2 million barrel stock build and -0.9 million bpd collapse in wholesale demand. Coverage ended the week at a level that matched the 3-yr mid range.

Distillate coverage increased on a +5.6 million barrel stock build and lower wholesale demand. Coverage ended the week at a level that matched 3-yr highs for the period.

Jet fuel coverage increased on a +0.5 million barrel stock build. Coverage ended the week below the 5-yr range.

Residual fuel oil coverage fell sharply on a -2.3 million barrel stock draw and surge in wholesale demand.

Refinery utilization rates increased on a +271,000 bpd rise in crude oil runs last week, concentrated in the Midwest and West coast. During the latest 4-wk period crude oil input was +405,000 bpd above a year ago.

Gasoline yield % on crude oil runs fell last week on a -424,000 bpd

decreased in output compared to the +271,000 bpd increase in crude oil runs. Yield % on crude oil runs ended the week at a record low level.

Distillate yield % on crude oil runs increased, on a +203,000 bpd increase in output compared to the increase in crude oil runs. The yield % on crude oil runs was at the 2-yr average for the period.

Jet fuel yield % on crude oil runs decreased last week on a +9,000 bpd increase in output compared the large increase in crude oil runs. The yield % matched 3-yr highs for the period.

Petroleum Imports/Exports: Imports of crude oil increased +0.4 million bpd last week, middle distillates increased a combined +79,000 bpd and gasoline fell.

During the latest 4-wk period crude oil imports were -43,000 bpd below last year; distillate imports were -20,000 bpd lower; finished gasoline imports were +14,000 bpd higher; gasoline blend stock imports were -110,000 bpd lower, jet fuel imports increased +18,000 bpd, and residual fuel imports increased +3,000 bpd.

Exports of distillate for the week ending 21Nov14 were -251,000 bpd below a year ago, gasoline -18,000 bpd lower, jet fuel +19,000 bpd higher and residual fuel oil was +24,000 bpd higher.

Crude Oil stocks increased +1.5 million barrels on the week, including a +1 million barrel build in Cushing last week. Cushing has seen a +6 million barrel build during the last 2-months.

Gulf region crude oil stocks failed to report a seasonal draw during the last month, leaving stock levels +8 million barrels above prior record highs for the period.

During the most recent 4-wk period U.S. crude oil stocks saw a +2.3 million barrel build compared to the historic range of -5 to -12 million barrel draws.

¹ Source is latest EIA Weekly Statistics



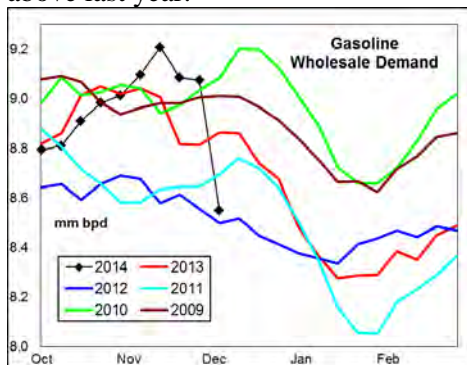
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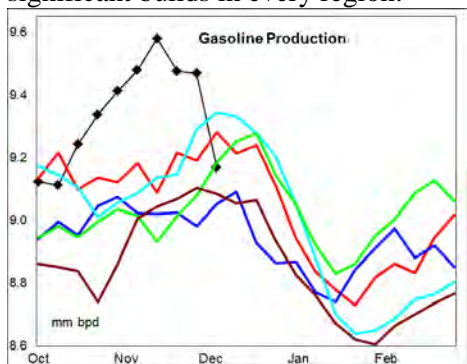
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Product Supply-Demand Trends

Gasoline wholesale demand plunged -0.9 million bpd on the week, to a level near historic lows. The latest 4-wk average demand was +342,000 bpd above last year.



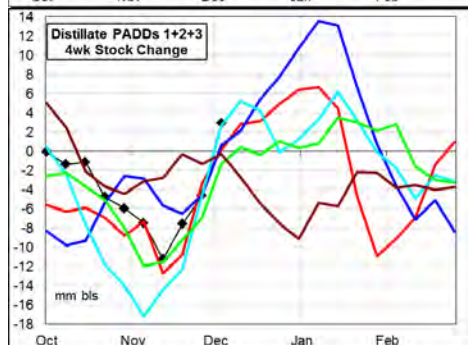
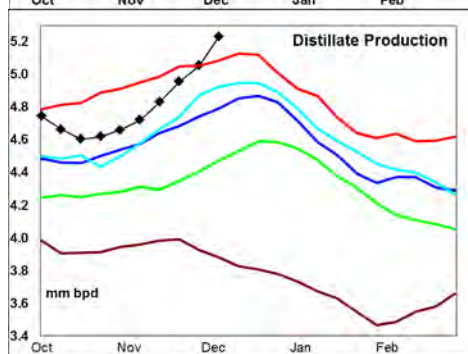
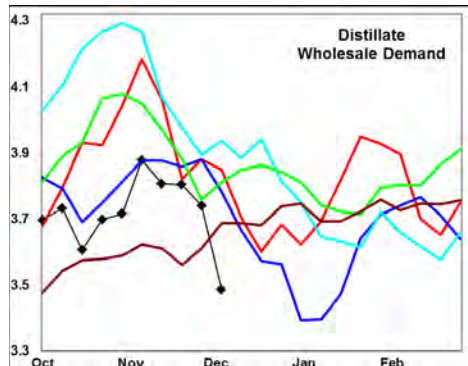
Supply plunged -0.6 million bpd last week on lower production. Supply for the latest 4-wk period exceeded a year ago by +361,000 bpd on higher production. Stocks surged +8.2 million barrels on the week, driven by significant builds in every region.



Look for above average stock builds on lower seasonal demand and peak winter production. Rapid stock builds and very low refining margins risk refinery run cuts by year end.

Distillate wholesale demand declined -108,000 bpd last week, to a record low level. The latest 4-wk average demand was -64,000 bpd below last year.

Supply increased +253,000 bpd on higher production and imports. Production was -88,000 bpd below last year for latest 4-wk period, with imports -20,000 bpd lower. Stocks surged +5.6 million barrels on the week, to a level above the last 2-yrs.

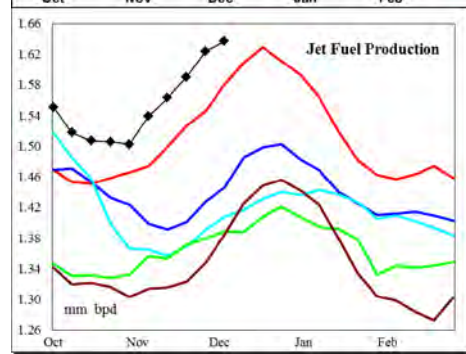
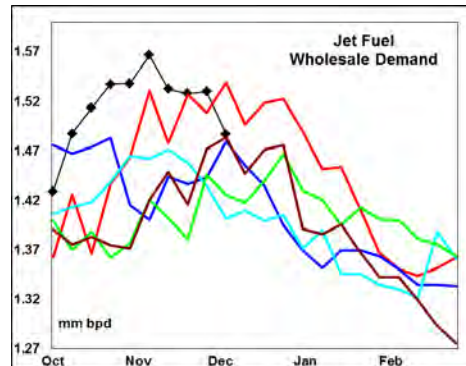


The latest 4-wk stock change in markets East of the Rockies was a +2.7 barrel build, matching a 5-yr high for the week.

Wholesale demand remains extremely weak, reflecting lower weekly exports. Production has increased to record highs. Soft demand/exports and record production should drive an above average rate of stock building.

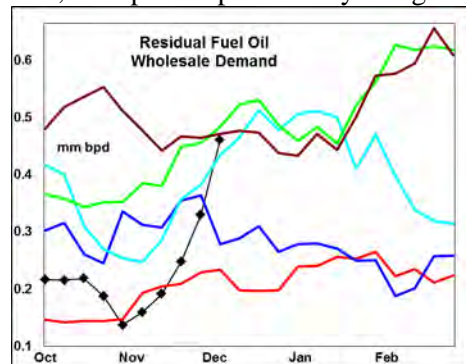
Jet Fuel wholesale demand decreased -32,000 bpd on the week, with the 4-wk average unchanged from last year. Production for the most recent 4-wk period was +62,000 bpd above last year. Imports were +18,000 bpd higher.

Stocks increased +0.5 million barrels last week, to a level that matched 5-yr lows.



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

Residual fuel oil demand increased +163,000 bpd on the week. Demand for the latest 4-wk period increased +51,000 bpd compared to a year ago.



Supply (production + imports) declined -14,000 bpd on the week, with imports and production at 5-yr lows. Stocks fell -2.3 million barrels to match 5-yr lows.

The Gulf region saw a sharp drop in stocks on a lack of imports and record low production.



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

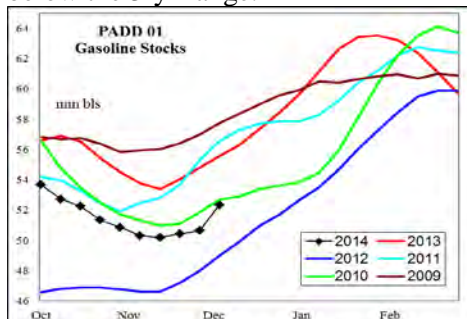
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PADD Supply Trends

PADD 1 refinery crude oil runs were +10% above the last 2-yr for the latest 4-wk period.

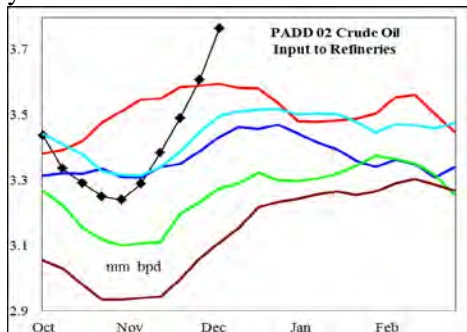
Gasoline supply fell -148,000 bpd on lower imports, with the 4-wk average +103,000 bpd above last year. Stocks increased +2.2 million barrels last week, although the level remains below the 3-yr range.



Distillate supply increased +73,000 bpd last week, with the 4-wk average -12,000 bpd below last year. Stocks increased +1.3 million barrels on the week, to a level near the average of the last 2-yr.

Jet fuel supply increased +40,000 bpd last week; with the 4-wk average was +75,000 bpd above last year. Stocks ended the week near the 3-yr mid range.

PADD 2 crude oil refinery runs increased +163,000 bpd on the week, to a record high level. The latest 4-wk average was -48,000 bpd below last year.



Crude oil stocks decreased -0.9 million barrels last week, with the level -11 million barrels below a year ago. Cushing saw a +1 million barrel stock build on the week.

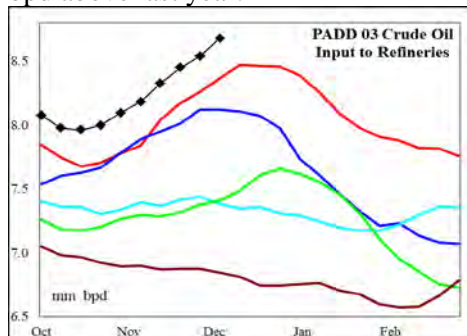
Gasoline supply decreased -8,000 bpd on the week. Production for the most recent 4-wk period was -18,000

bpd below a year ago. Stocks increased +1.6 million barrels on the week, a level still -8% below last year.

Distillate supply increased +65,000 bpd on the week, to a record high level for the winter quarter. Stocks increased +1.5 million barrels, to a level that matched the last 2-yr.

Jet fuel production increased +5,000 bpd on the week, to a record high level. Stocks were unchanged on the week, at a level below the historic range.

PADD 3 refinery runs climbed +75,000 bpd on the week, to a record high level. During the latest 4-wk period, average runs were +263,000 bpd above last year.



Crude oil stocks increased +0.5 million barrels last week, ending at a level +8 million barrels above the prior record for the period. Imports increased +0.5 million bpd on the week, to a 5-month high.

Gasoline supply decreased -63,000 bpd last week, with the latest 4-wk average +144,000 bpd above a year ago. Stocks increased +2.8 million barrels on the week, to a level above the 5-yr range for this time of year.

Distillate supply increased +99,000 bpd on the week, with the latest 4-wk average supply -178,000 bpd below a year ago. Stocks increased +2.1 million barrels on the week, to a level +12% above last year.

Jet fuel production decreased -19,000 bpd on the week, to a level that matched historic highs. Stocks decreased -0.2 million barrels to a level below the historic range.

Residual fuel supply was unchanged on the week with record

low imports and production. Stocks fell -1.9 million barrels to a level that matched historic highs for the week.

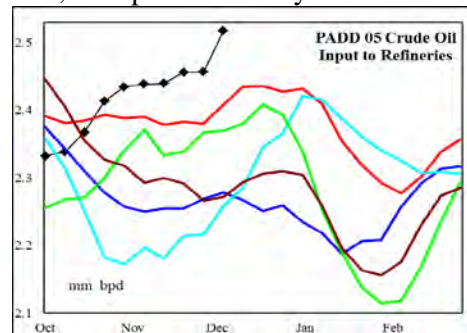
PADD 4 refinery crude runs fell -30,000 bpd last week, to a level that matched historic highs for the period, with the latest 4-wk average was +16,000 bpd above a year ago.

Gasoline production fell -45,000 bpd for the week, with the latest 4-wk average -29,000 bpd below last year. Stock levels ended the week at a record high level.

Distillate supply increased +13,000 bpd last week, with the latest 4-wk production +27,000 above last year. Stock levels were also above the 5-yr range.

Jet fuel production decreased -4,000 bpd with the level still well above the historic range, while stock levels ended the week above the 3-yr range.

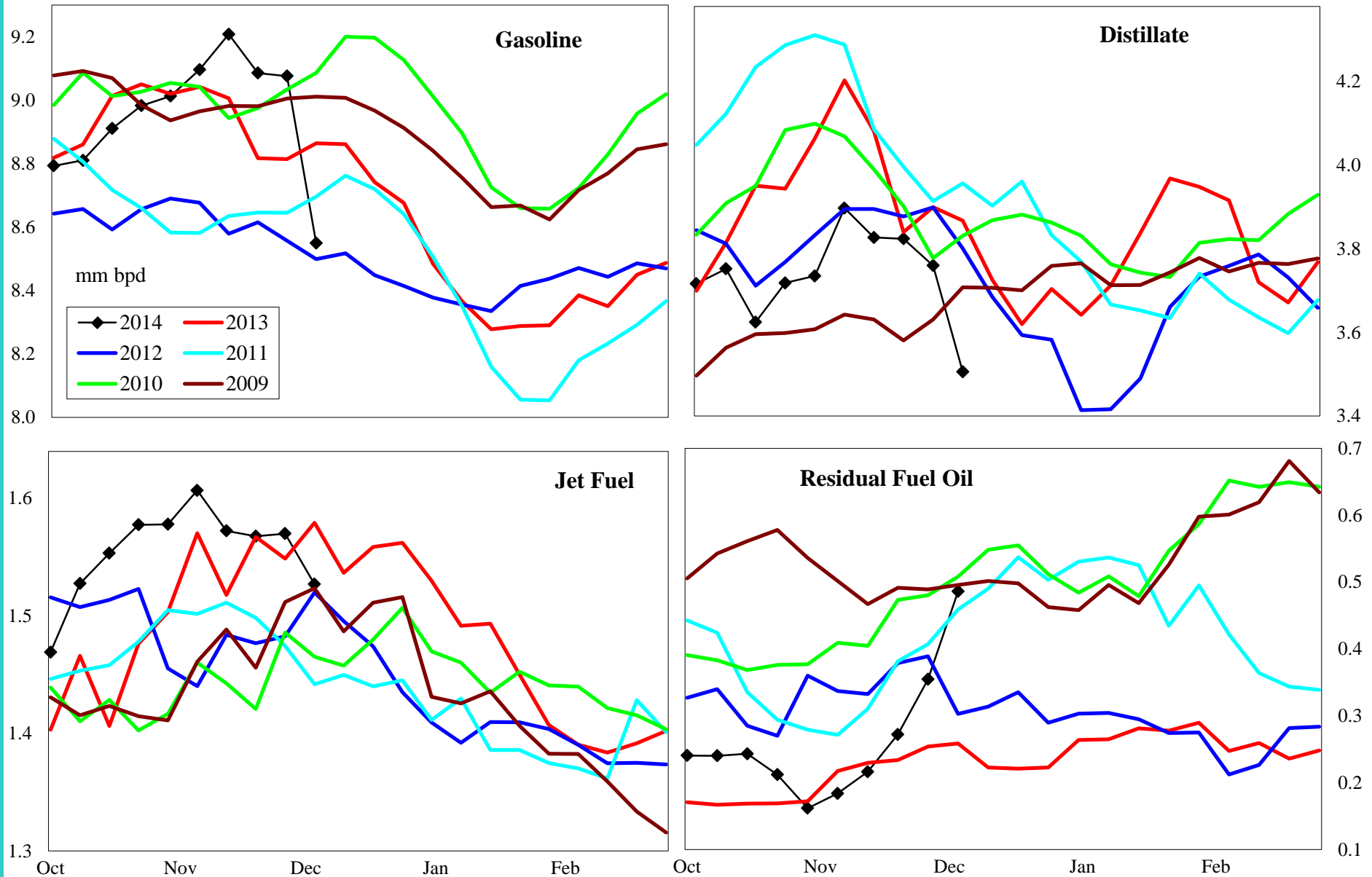
PADD 5 crude oil refinery runs increased +94,000 bpd last week, ending at a level above the 5-yr range for the period. The 4-wk run rate was +74,000 bpd above last year.



Gasoline supply increased +73,000 bpd on the week, with the 4-wk average -68,000 bpd below a year ago. Stocks increased +1.5 million barrels on the week, ending at a level equal to the 3-yr mid range.

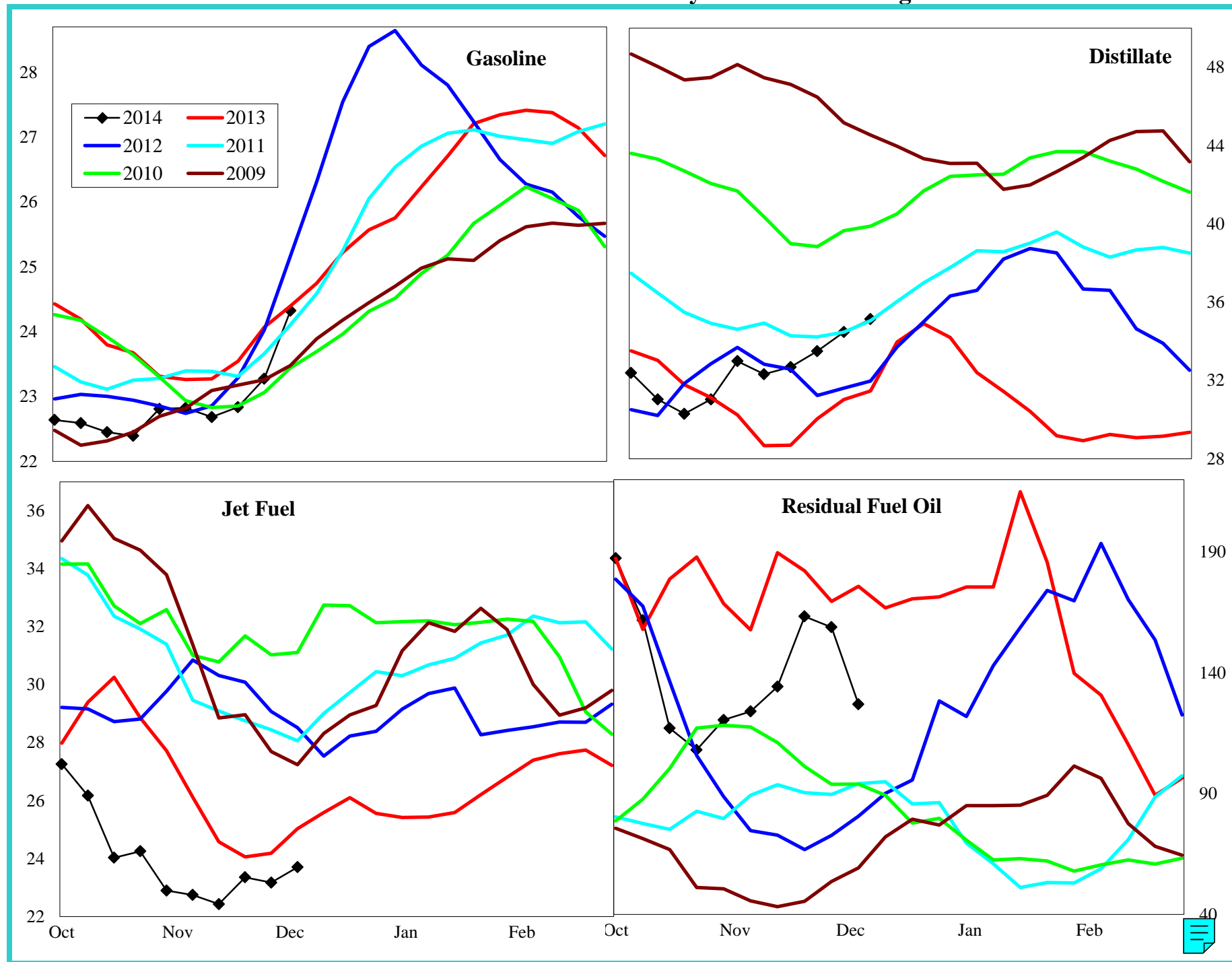
Distillate supply increased +6,000 bpd on the week, with production at a new record high. The 4-wk average supply was +11% above a year ago. Stocks jumped +0.6 million barrels on the week, ending at a level above the 3-yr mid range.

United States Wholesale Petroleum Demand

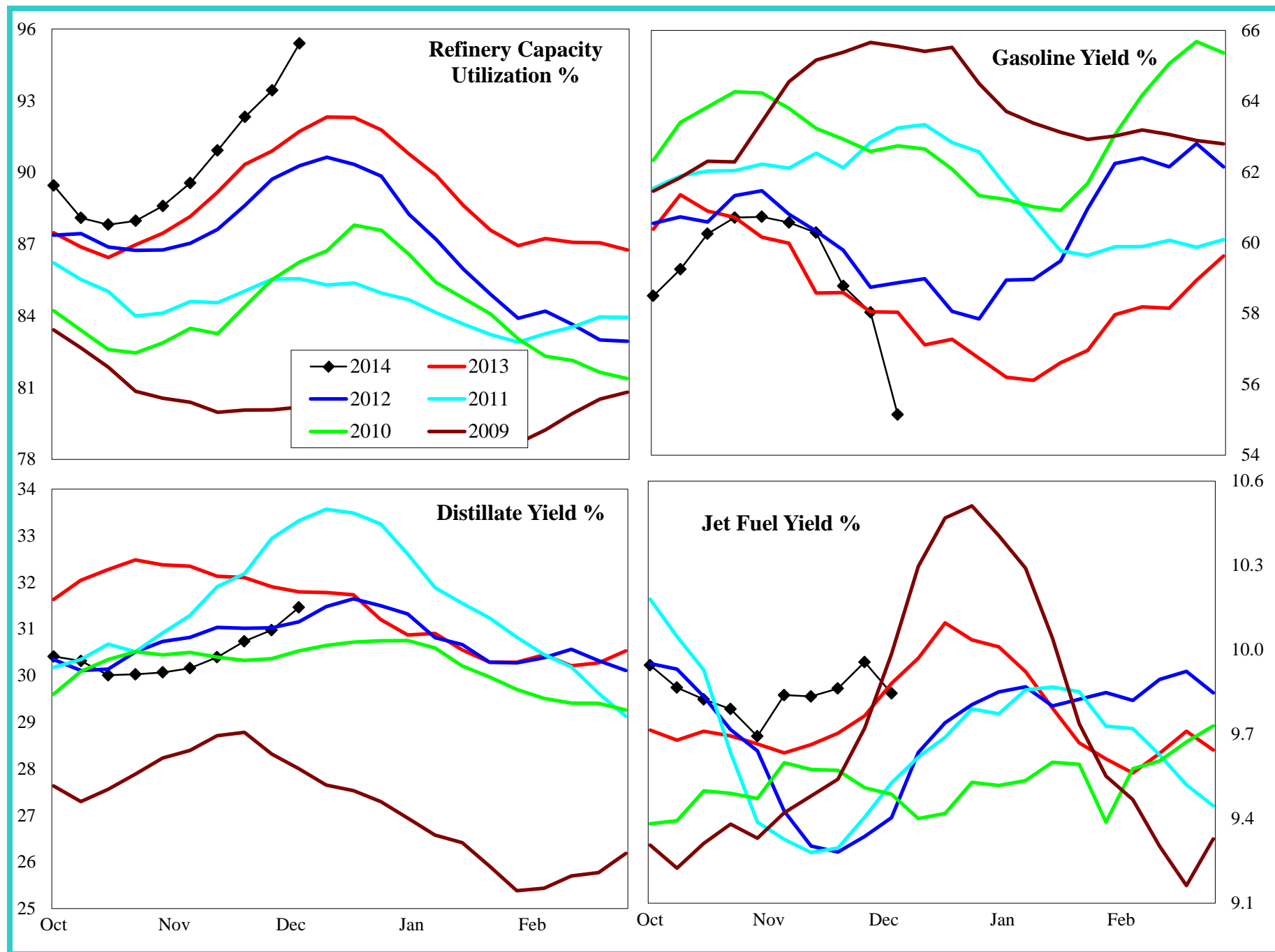


	000 bpd change from prior year				% change from prior year			
	4wk avg	Oct	Sep	Aug	4wk avg	Oct	Sep	Aug
Gasoline	342	156	-220	199	3.9	1.8	-2.5	2.2
Distillate	-64	-489	86	90	-1.7	-11.9	2.3	2.4
Jet Fuel	0	79	32	-9	0.0	5.4	2.3	-0.6
Resid	51	-78	-82	-190	20.1	-25.6	-23.5	-47.1

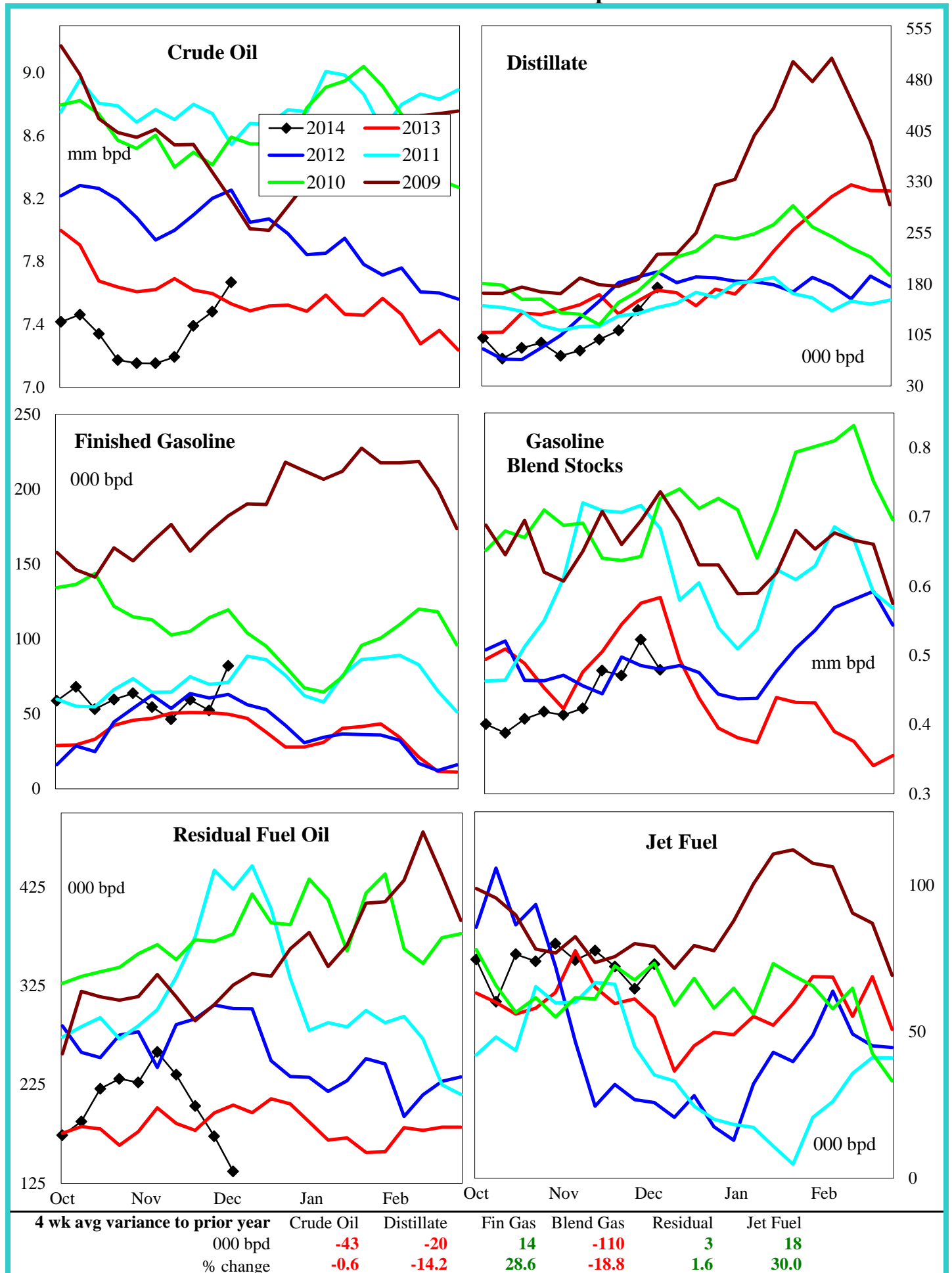


United States Product Stocks: Days Forward Coverage

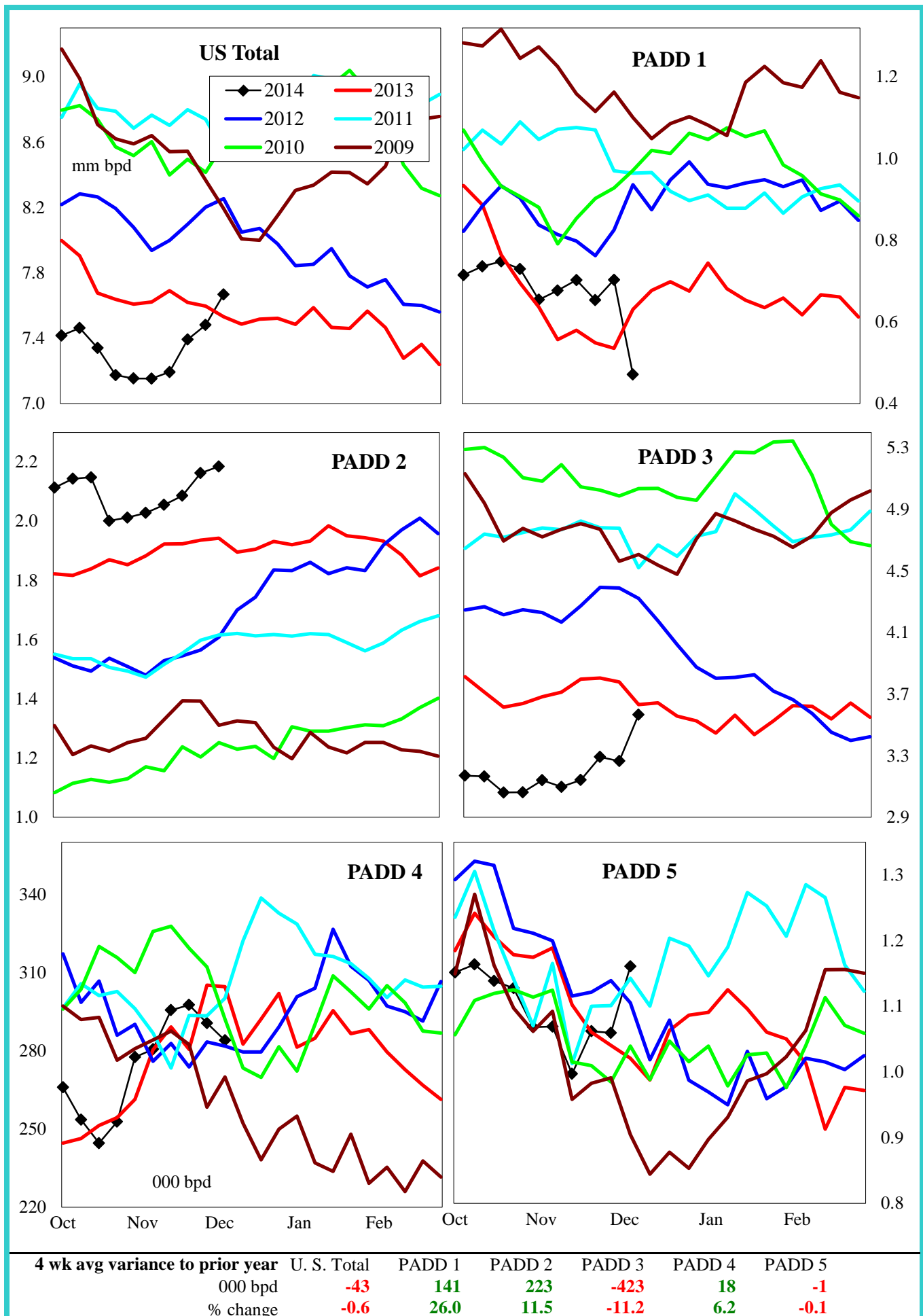
United States Refinery Percent Utilization Rate and Product Yields



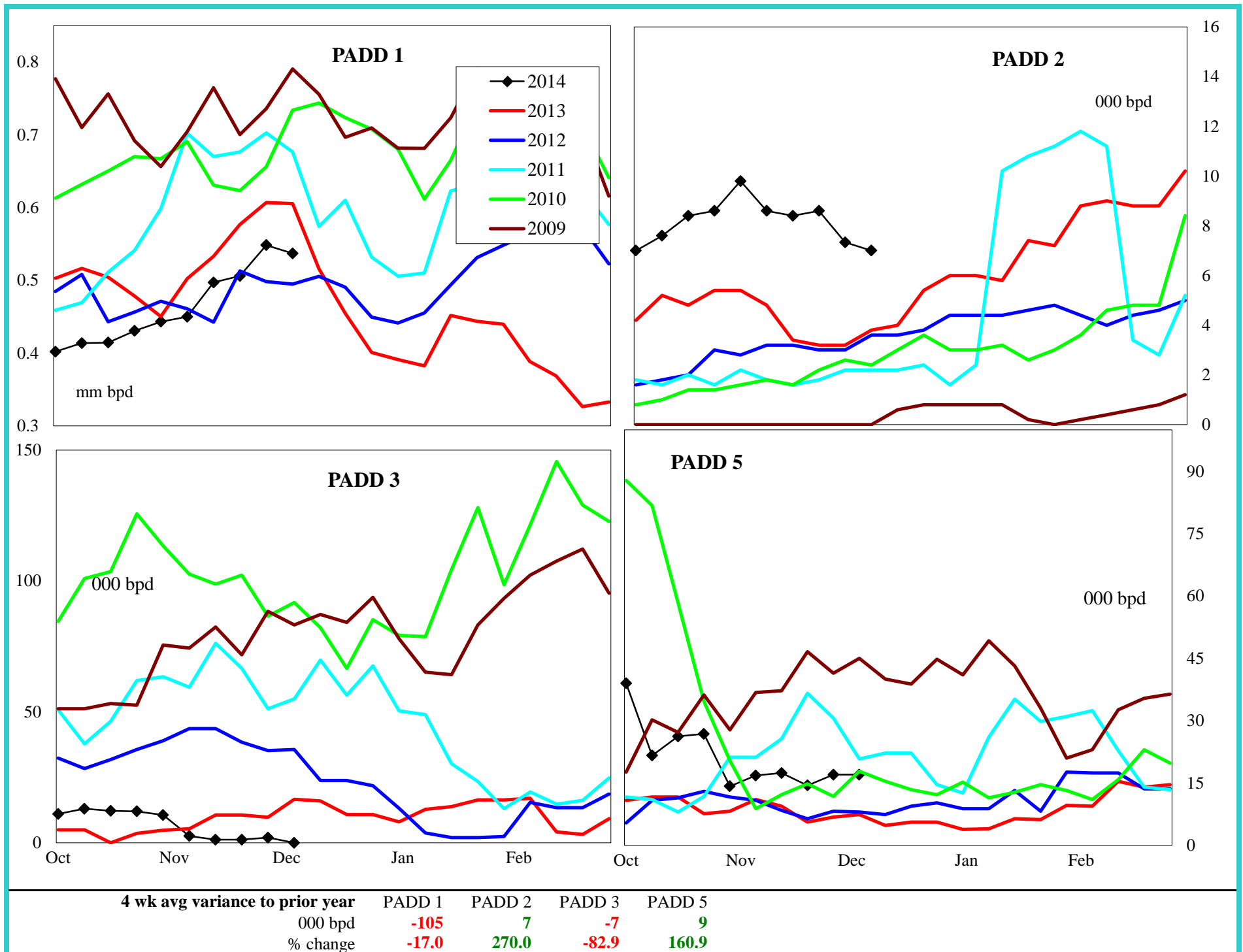
United States Petroleum Imports



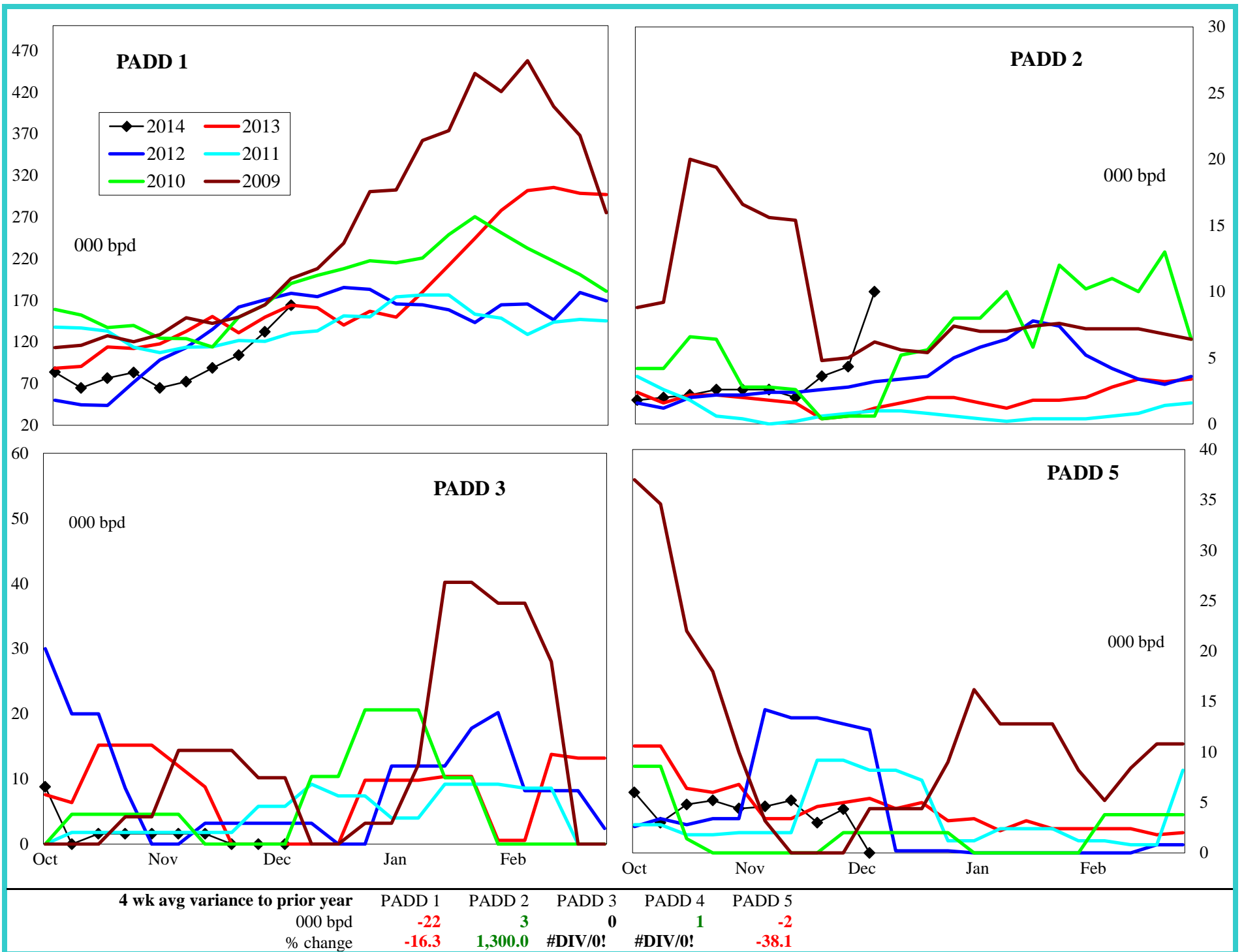
Crude Oil Imports by PADD



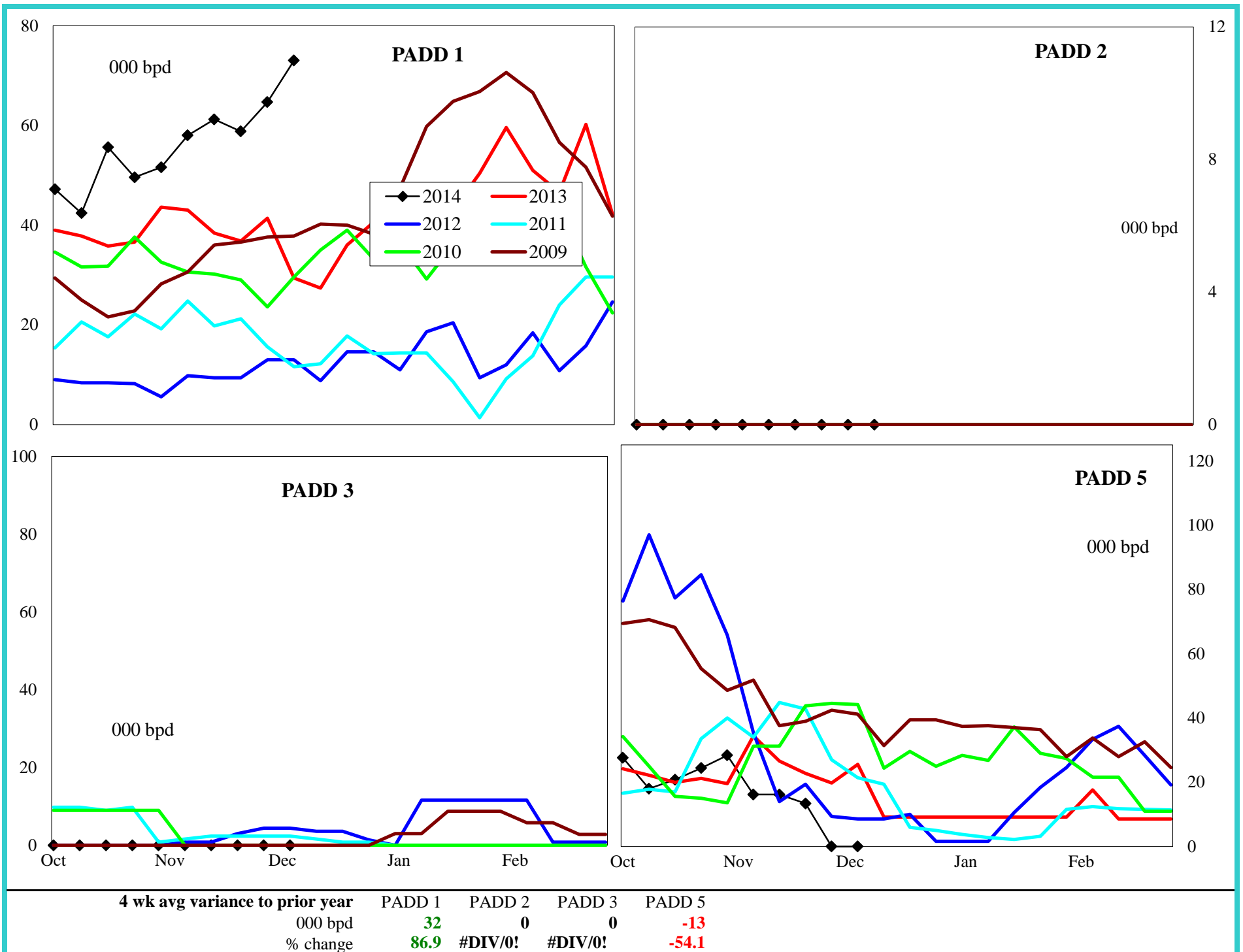
Gasoline Imports by PADD (Finished + Blend Stocks)



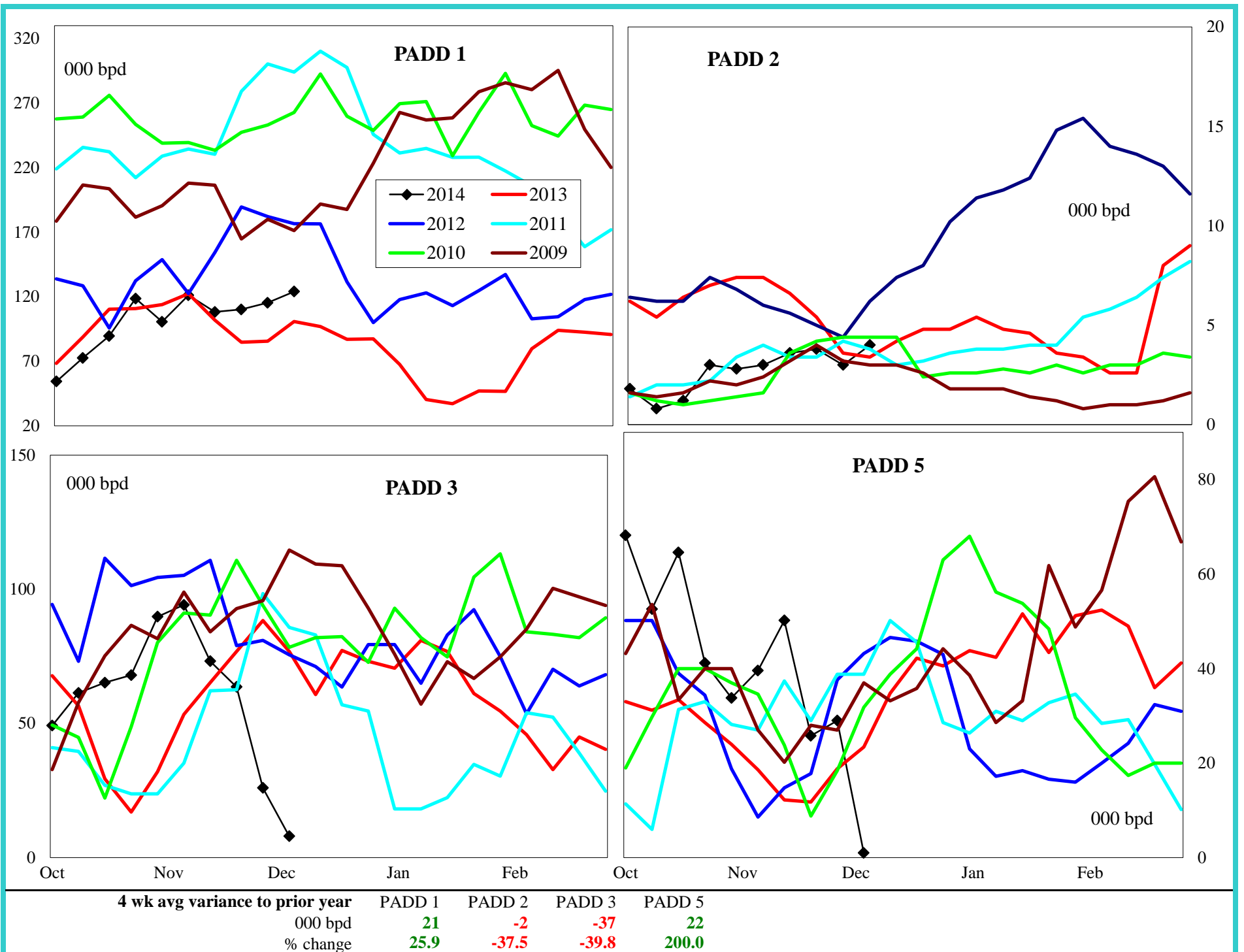
Distillate Imports by PADD



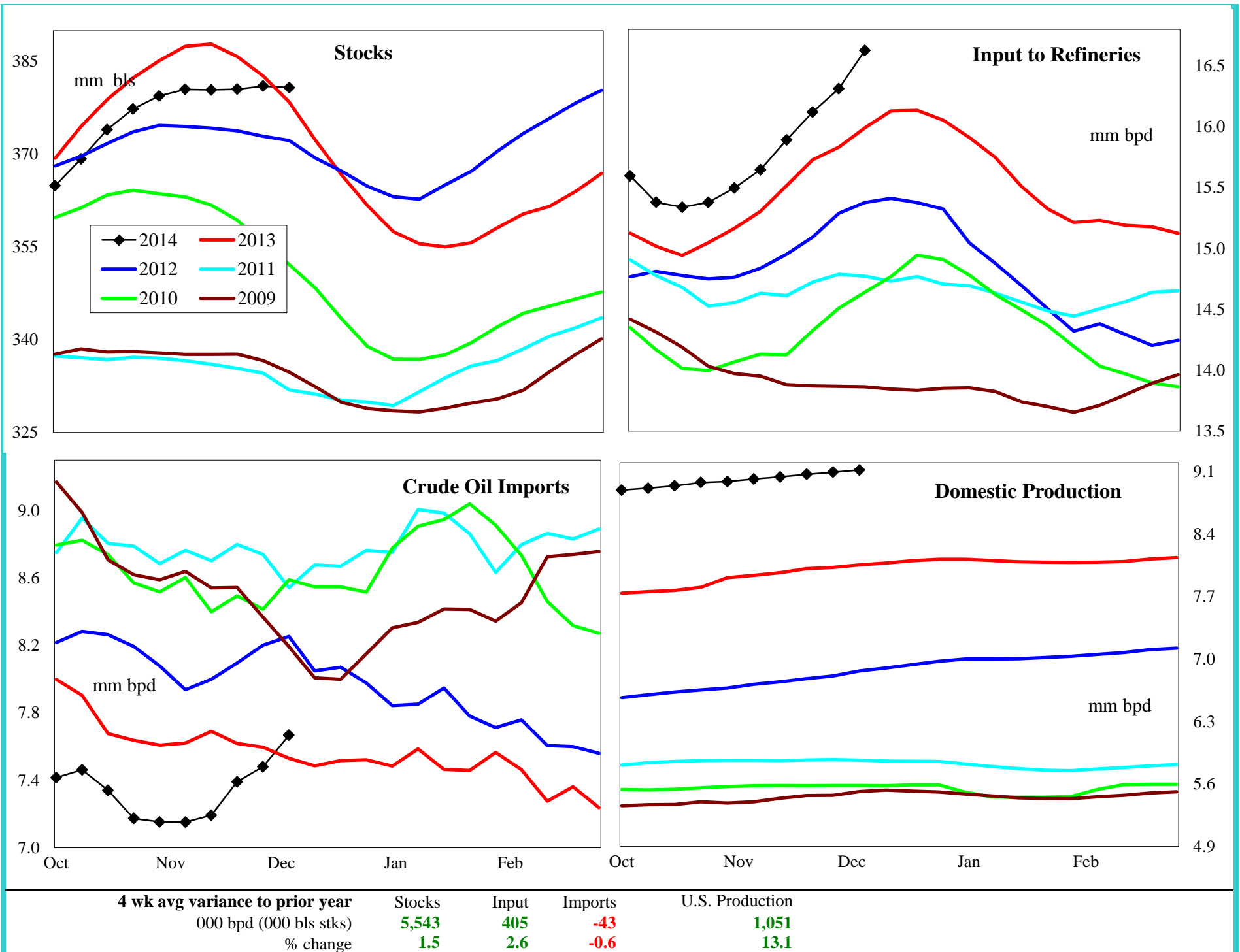
Jet Fuel Imports by PADD



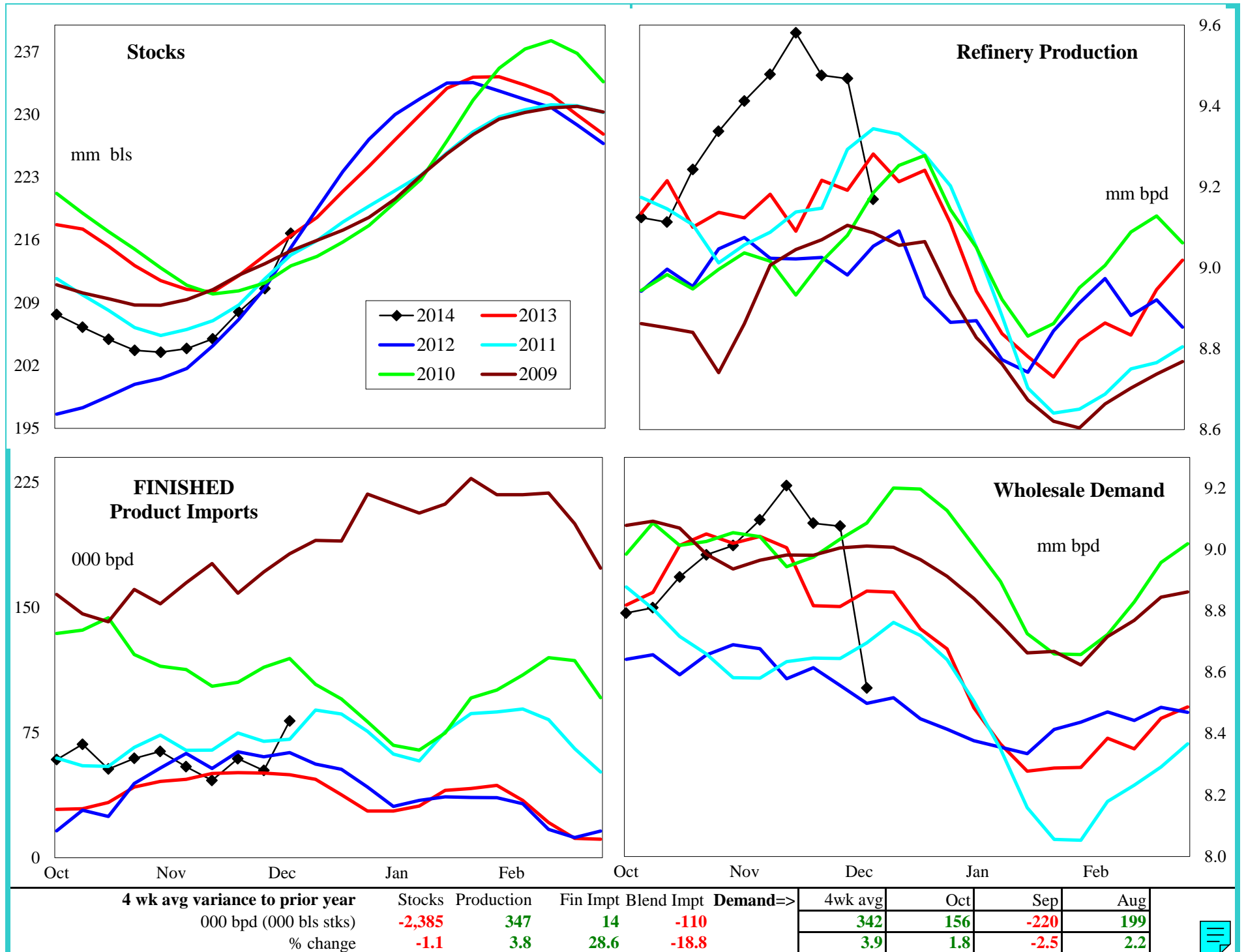
Residual Fuel Oil Imports by PADD



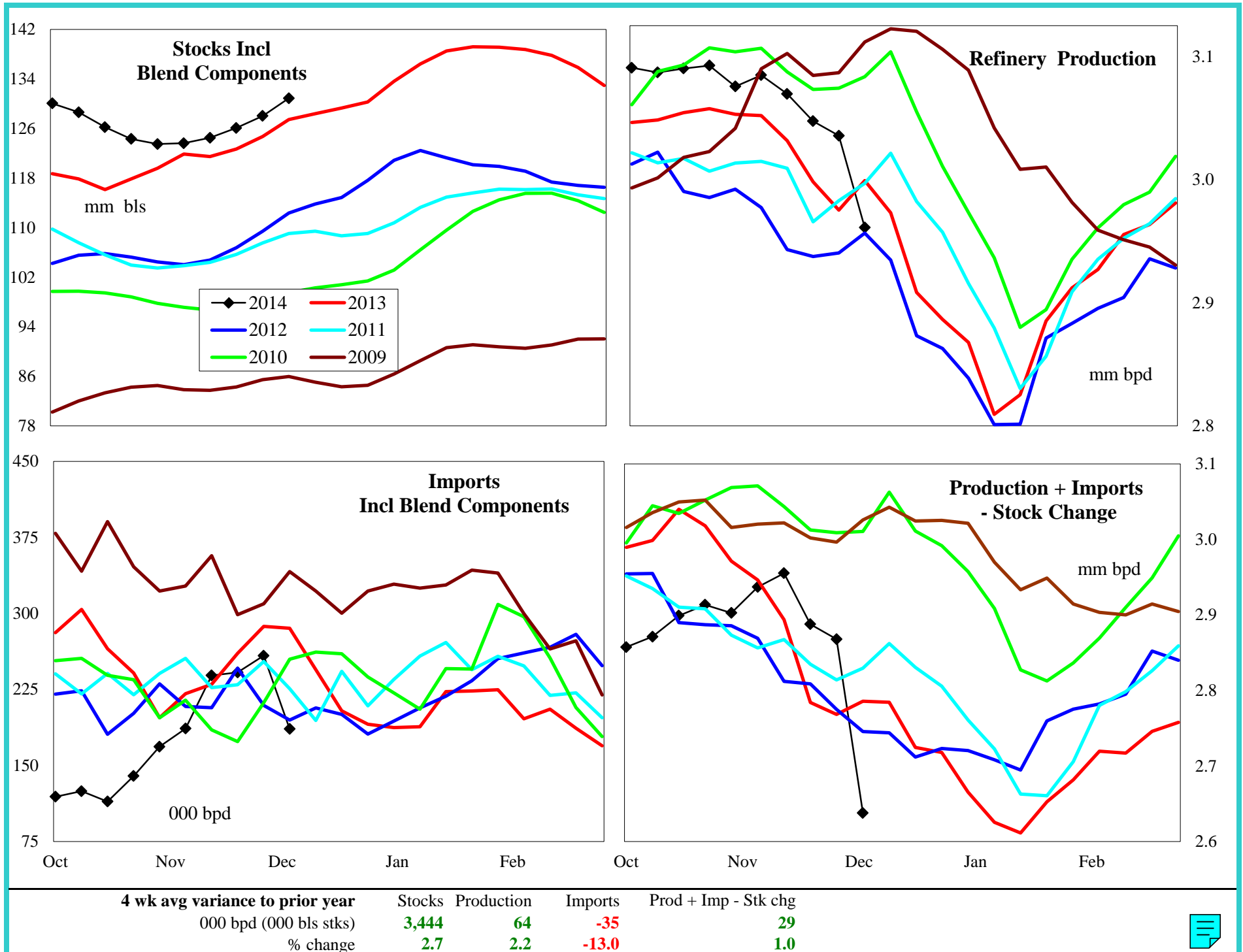
United States Crude Oil Supply and Demand Balance



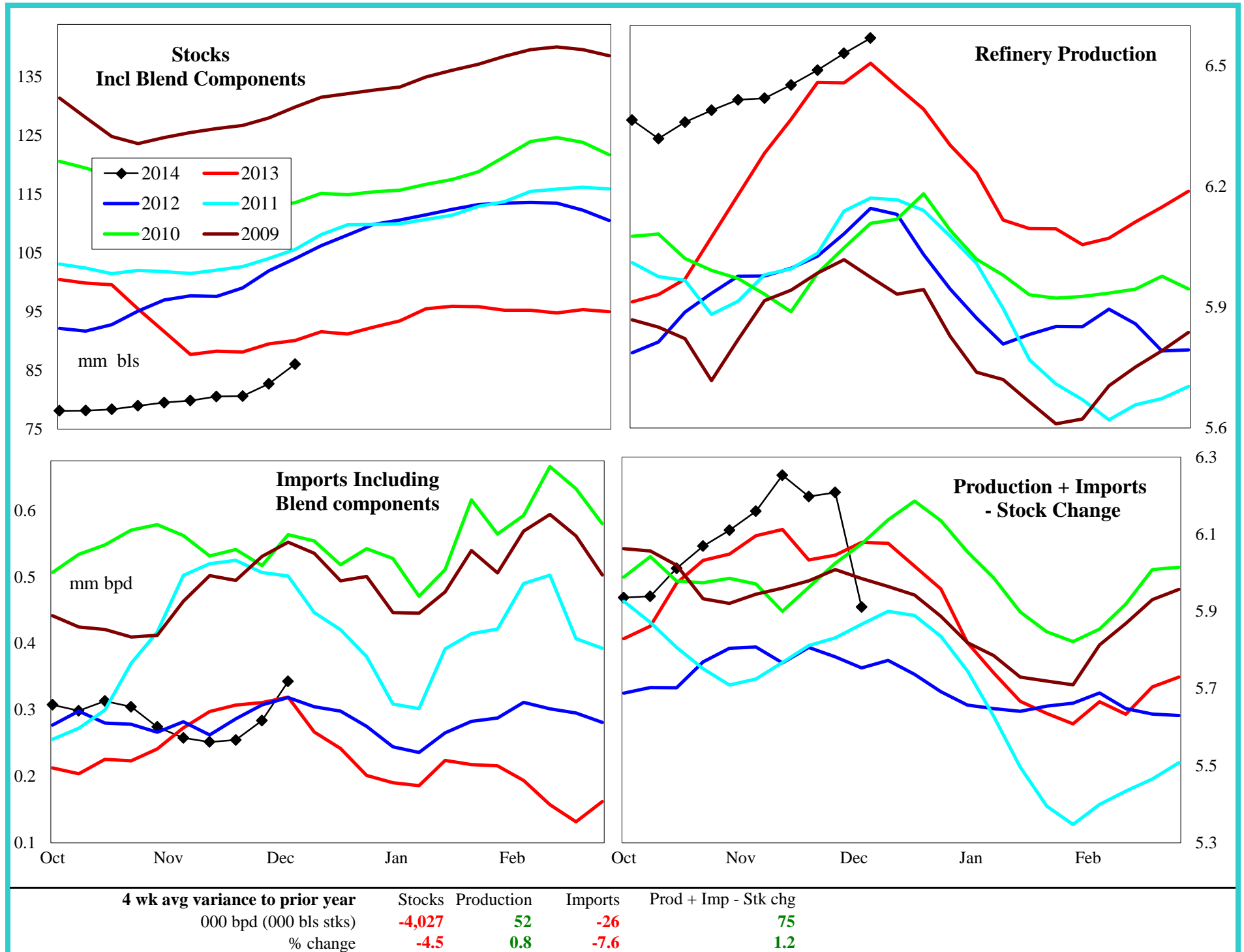
United States Gasoline Supply and Demand Balance



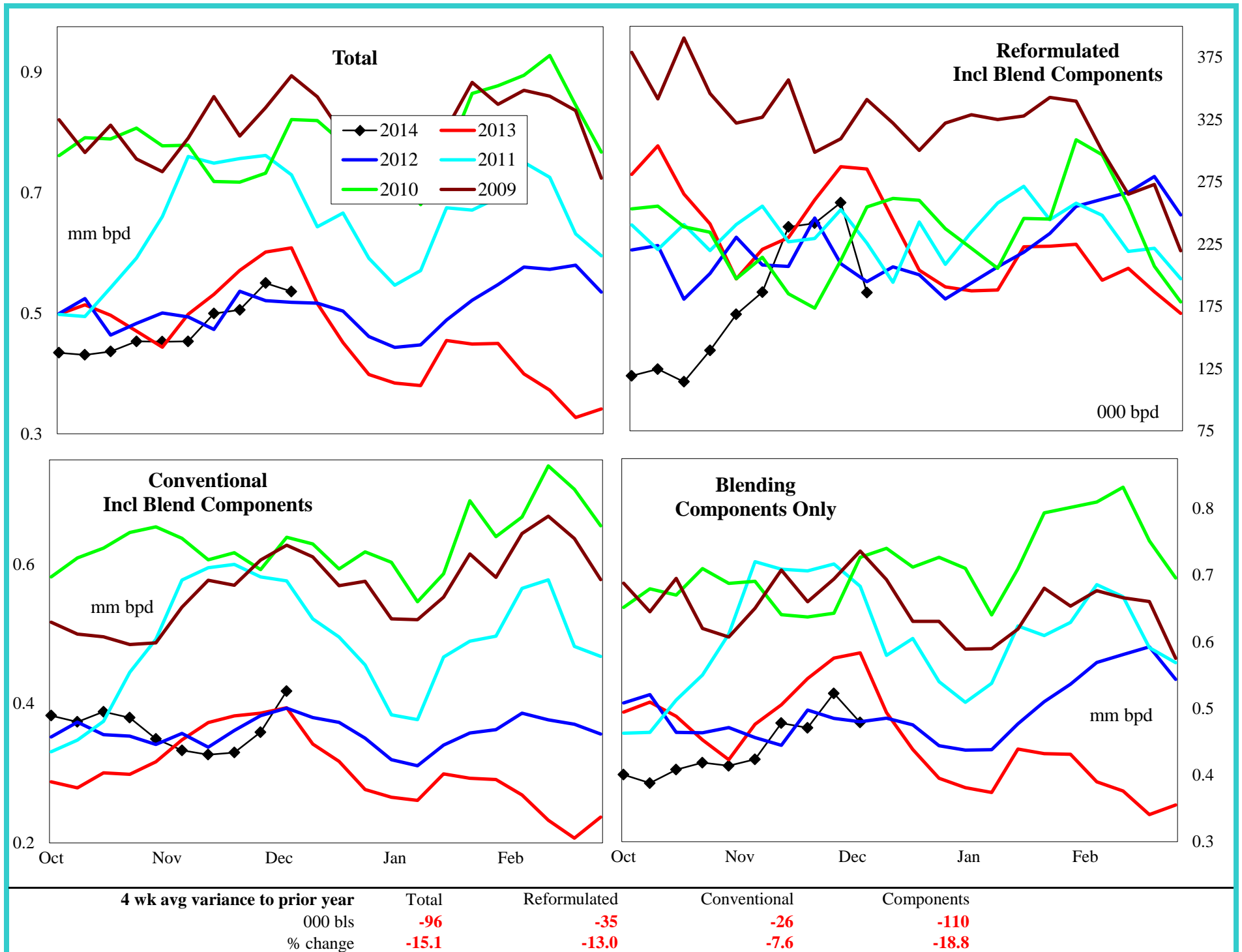
United States Reformulated Gasoline Supply



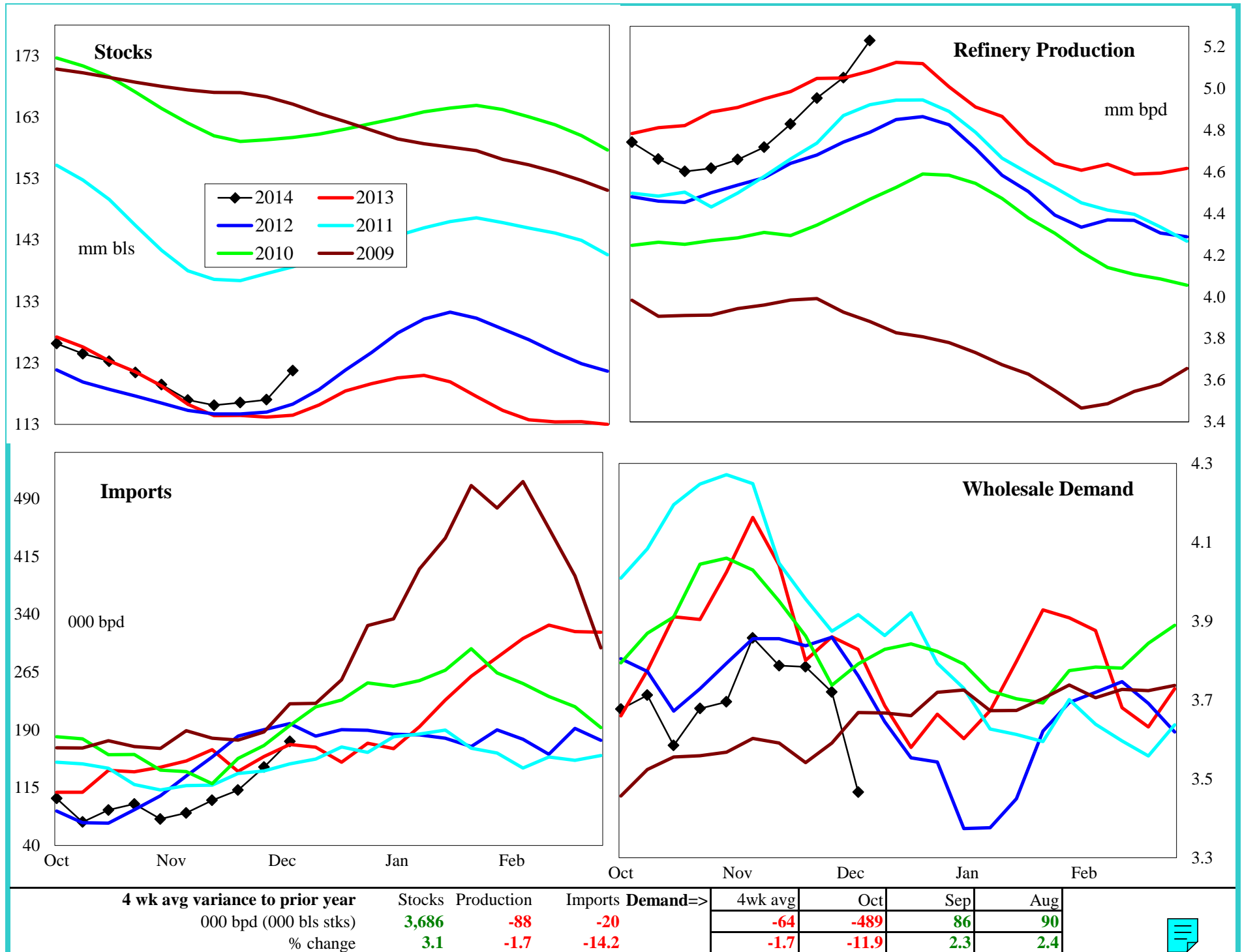
United States Conventional Gasoline Supply



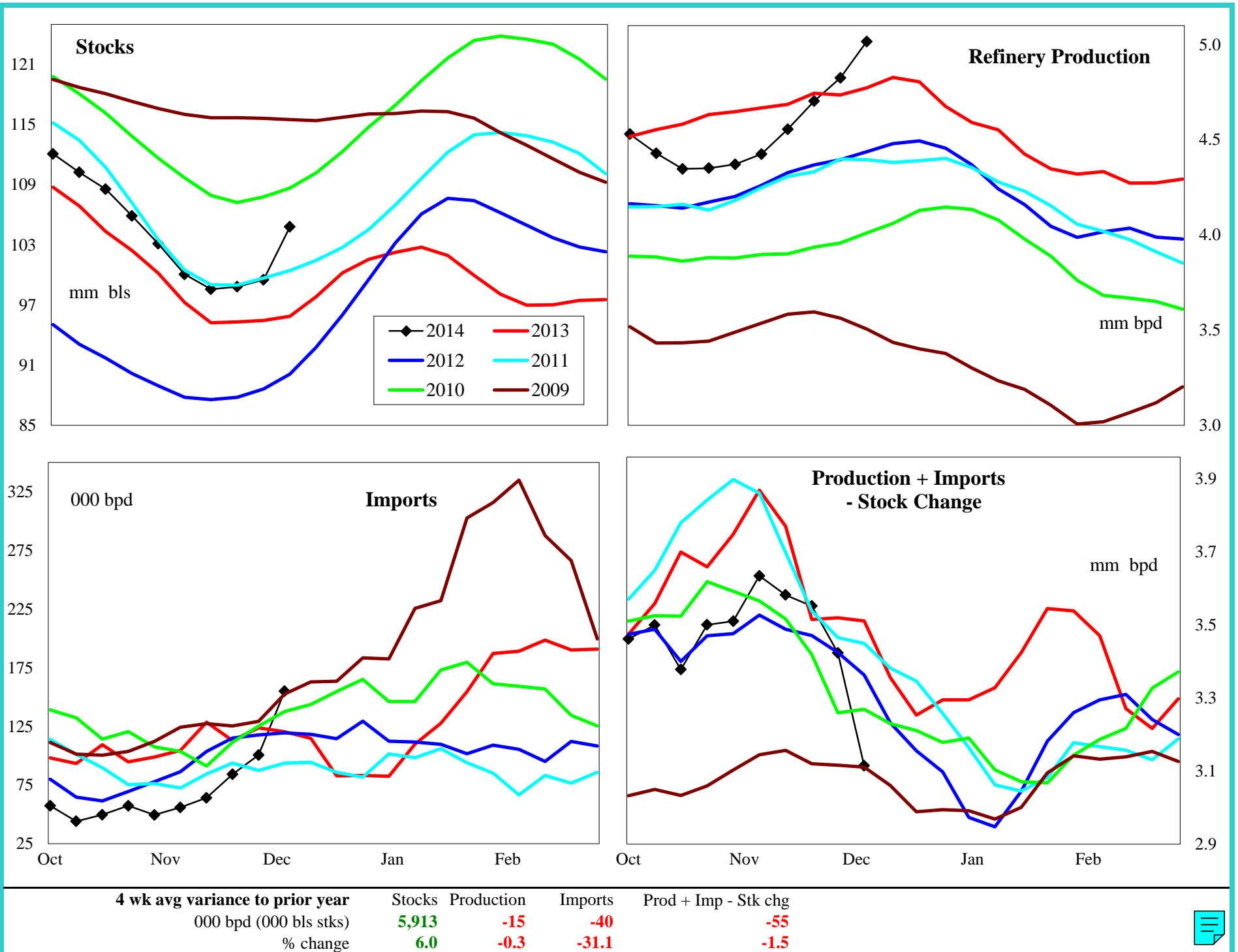
United States Gasoline Imports by Type



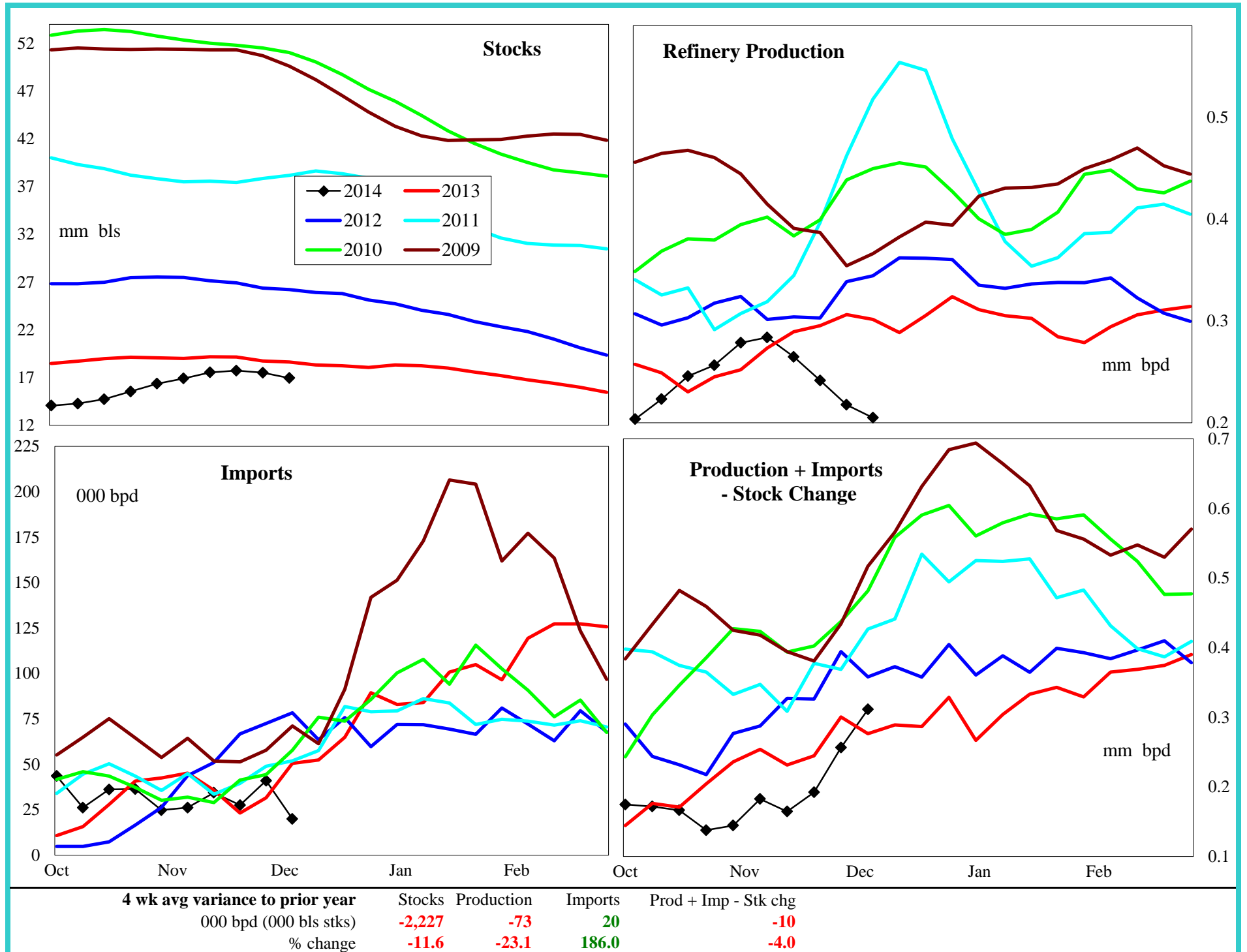
United States Distillate Supply and Demand Balance



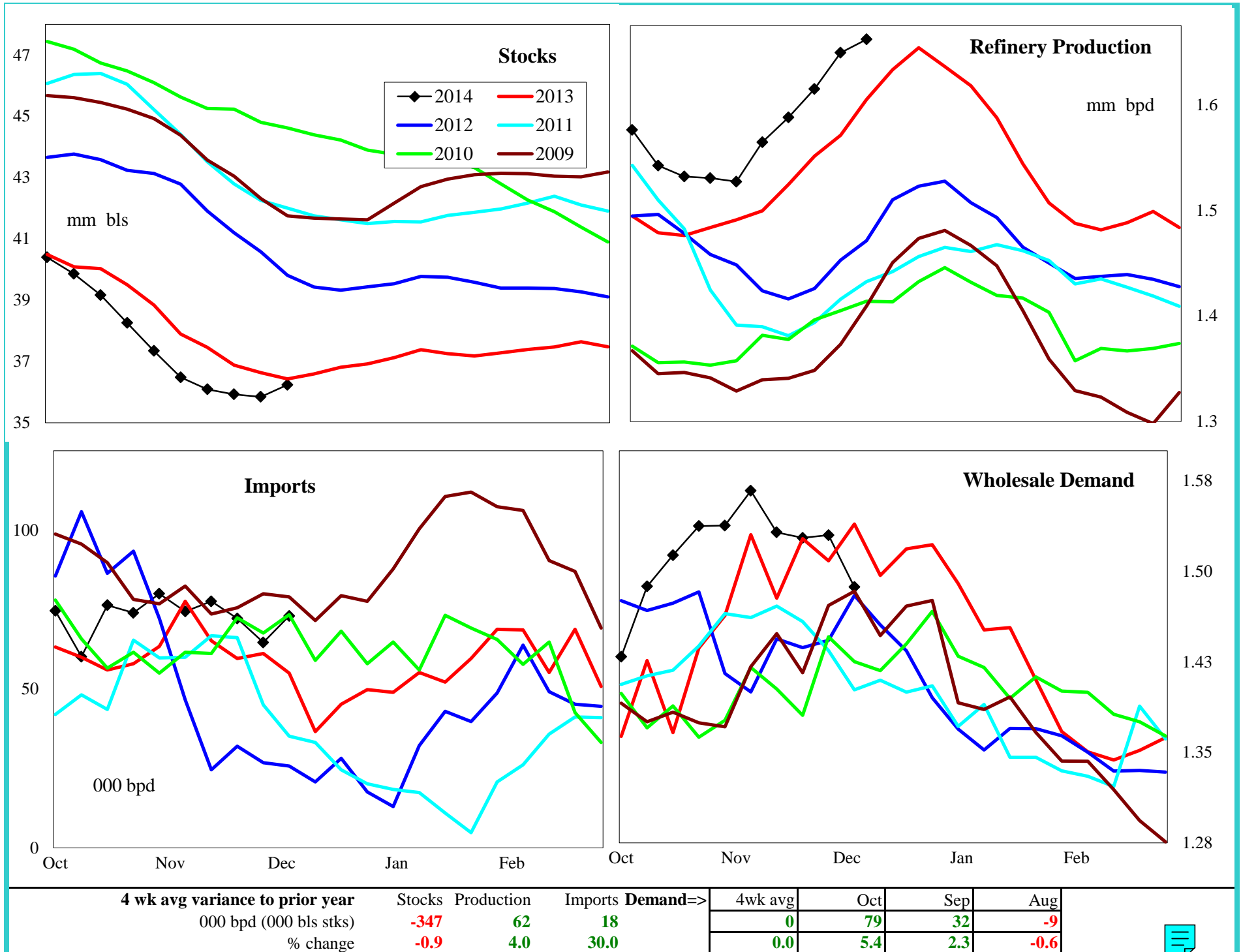
United States Low Sulfur Distillate Supply



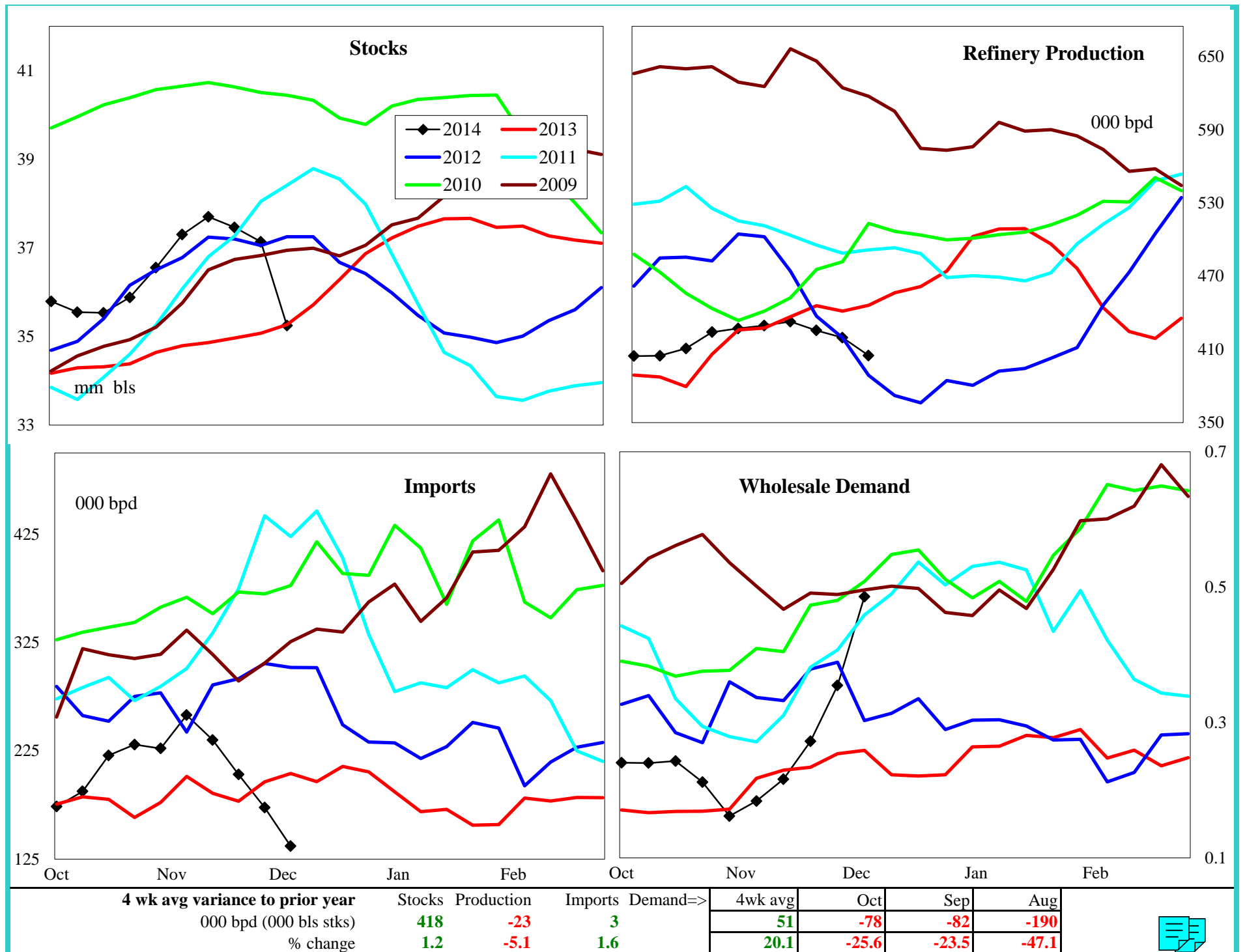
United States High Sulfur Distillate Supply



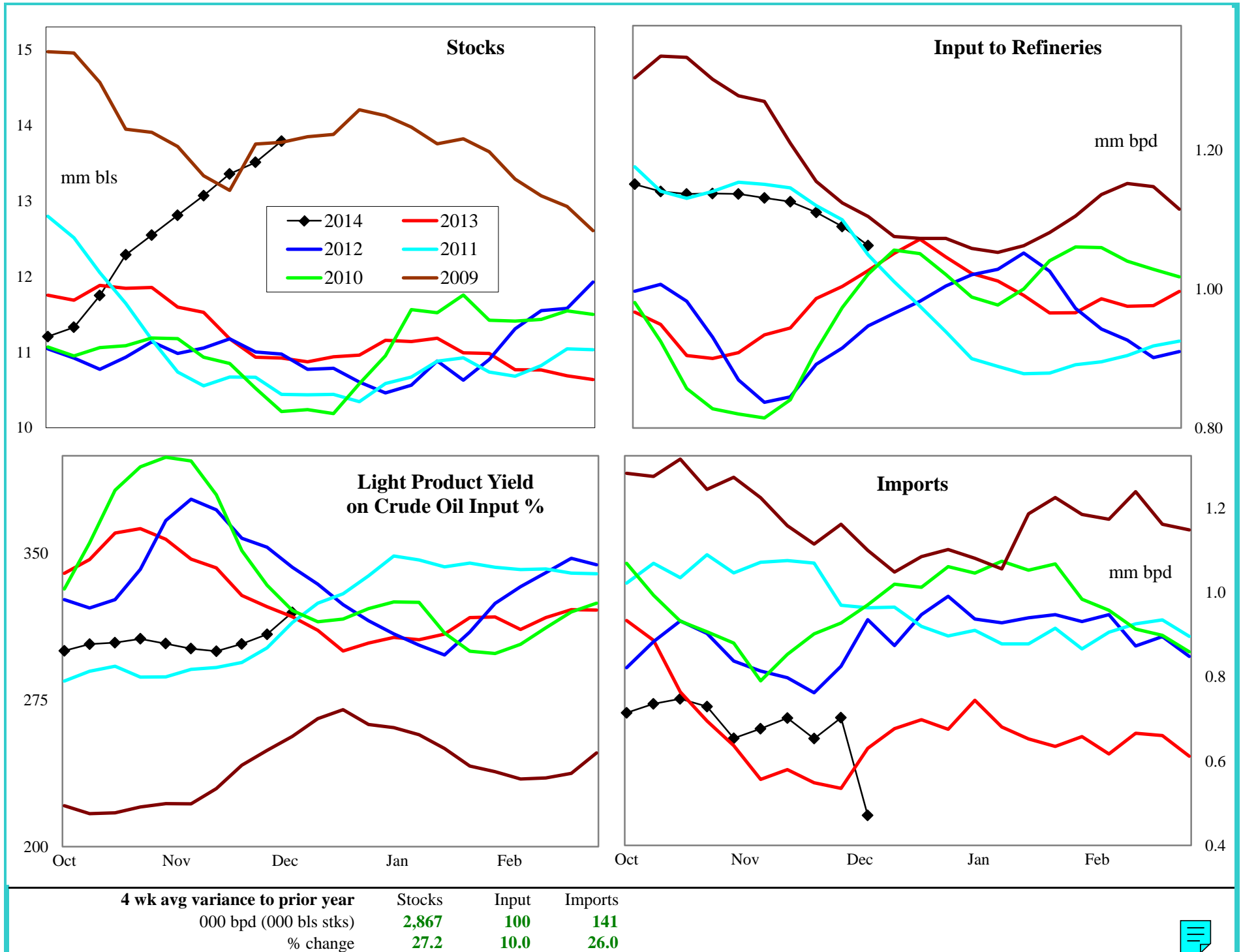
United States Jet Fuel Supply and Demand Balance



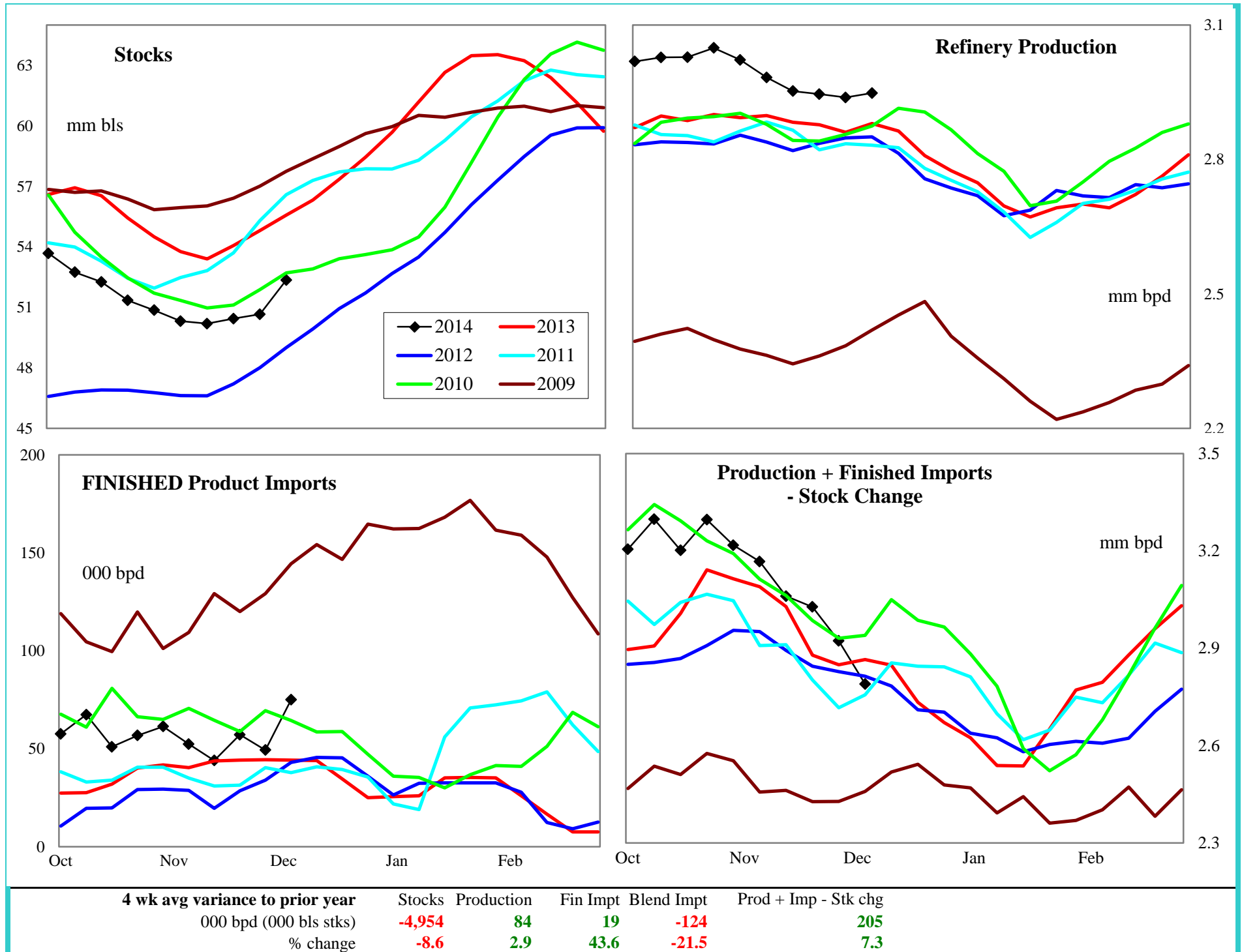
United States Residual Fuel Oil Supply and Demand Balance



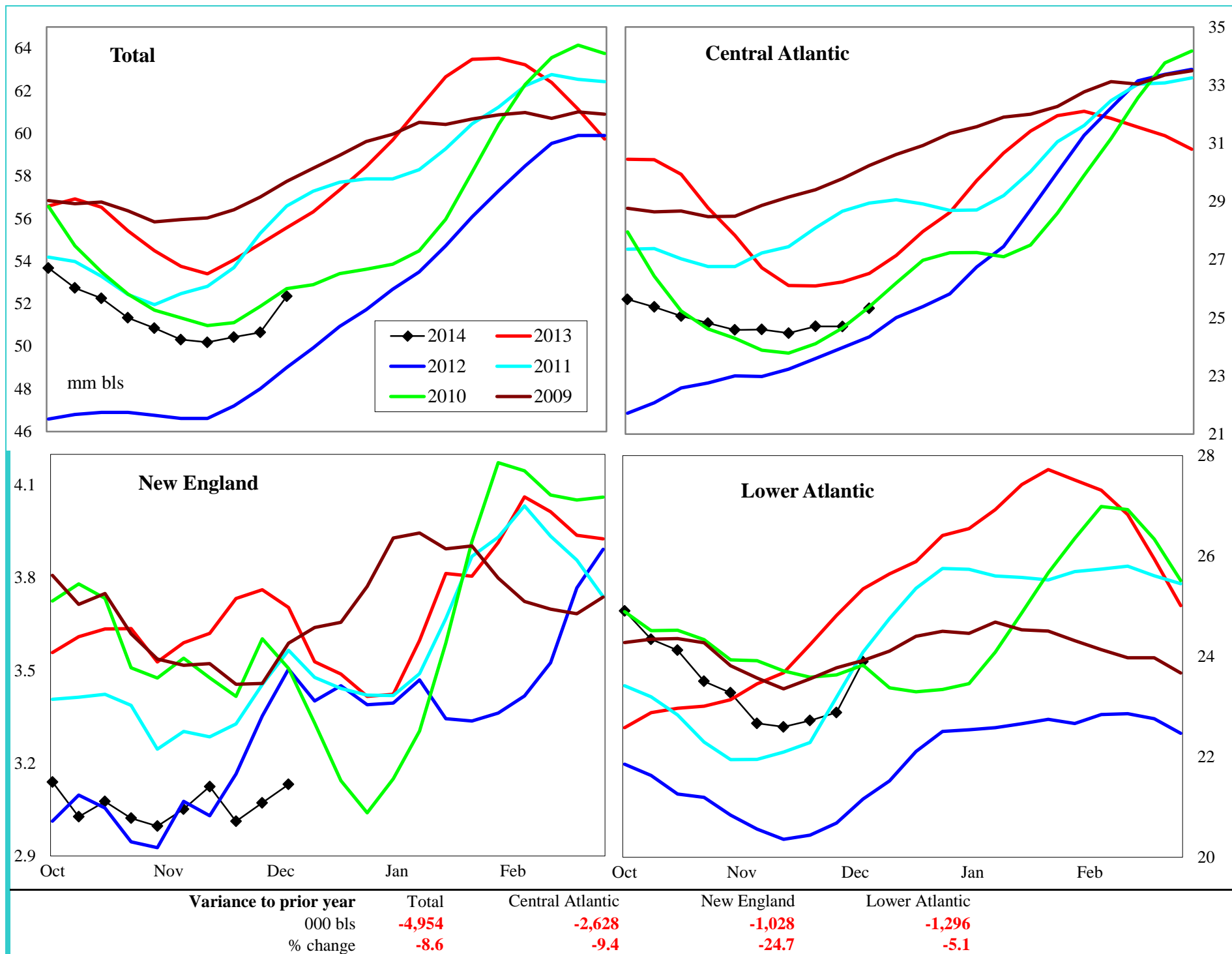
PADD 1 Crude Oil Supply and Refining



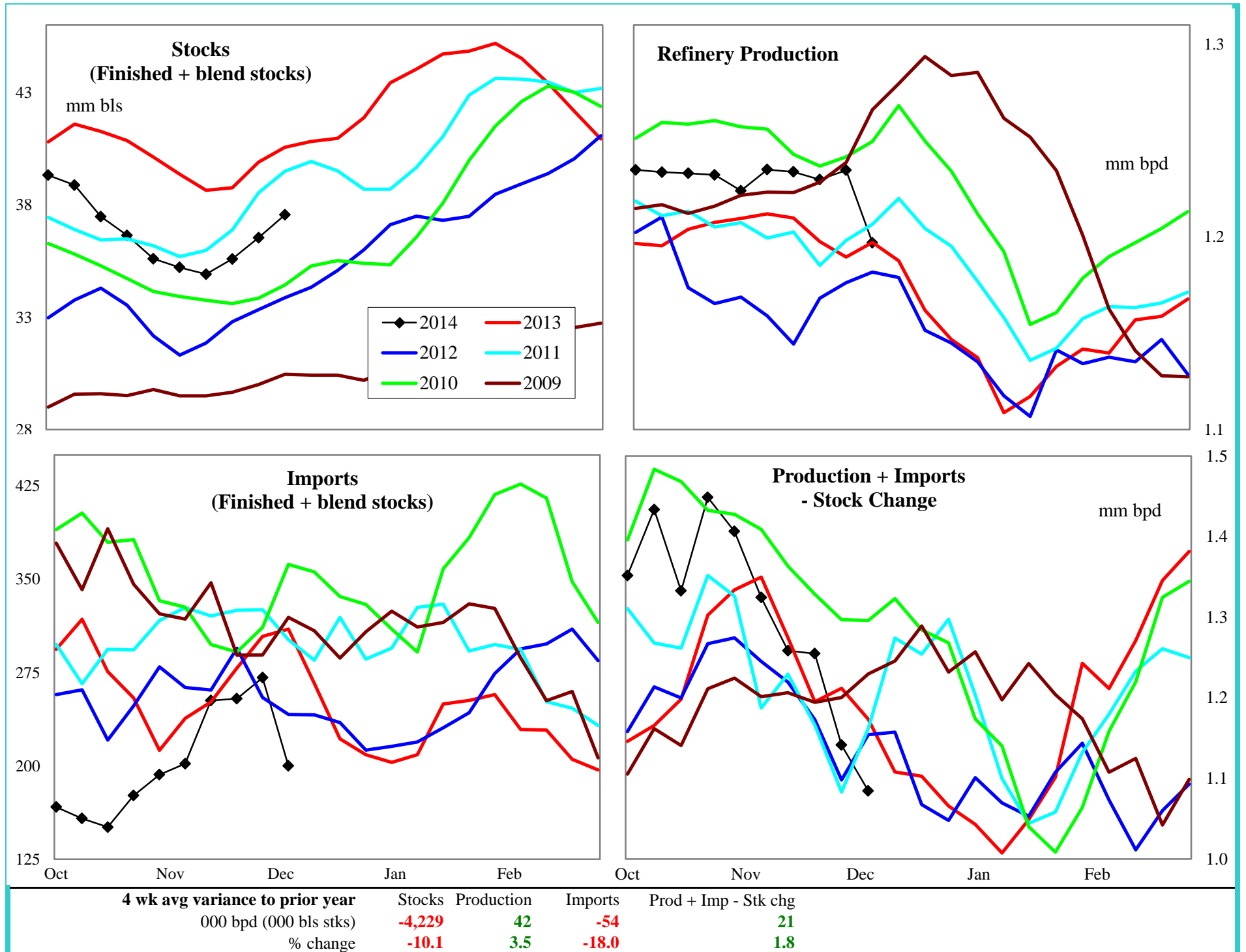
PADD 1 Gasoline Supply



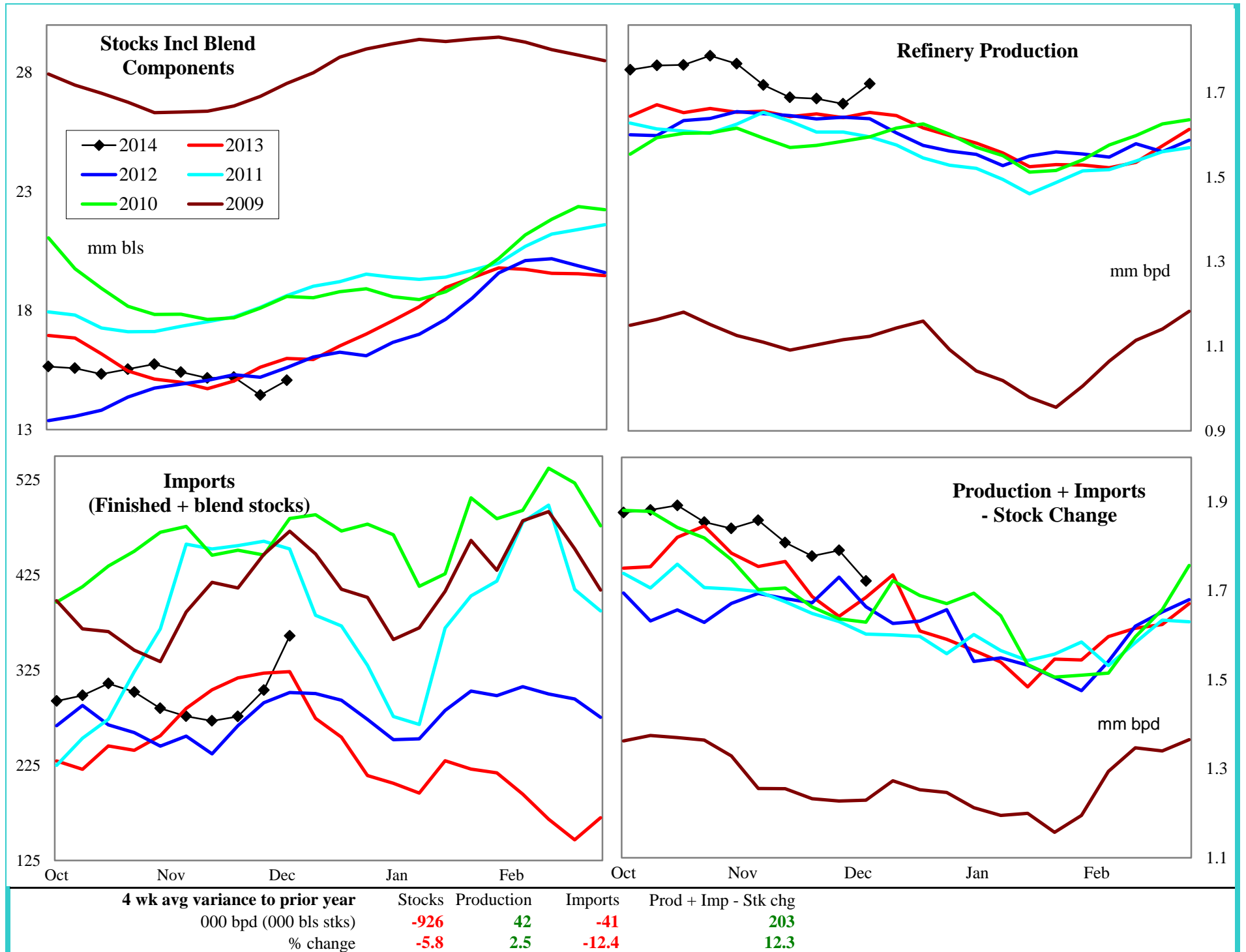
PADD 1 Gasoline Stocks by Region



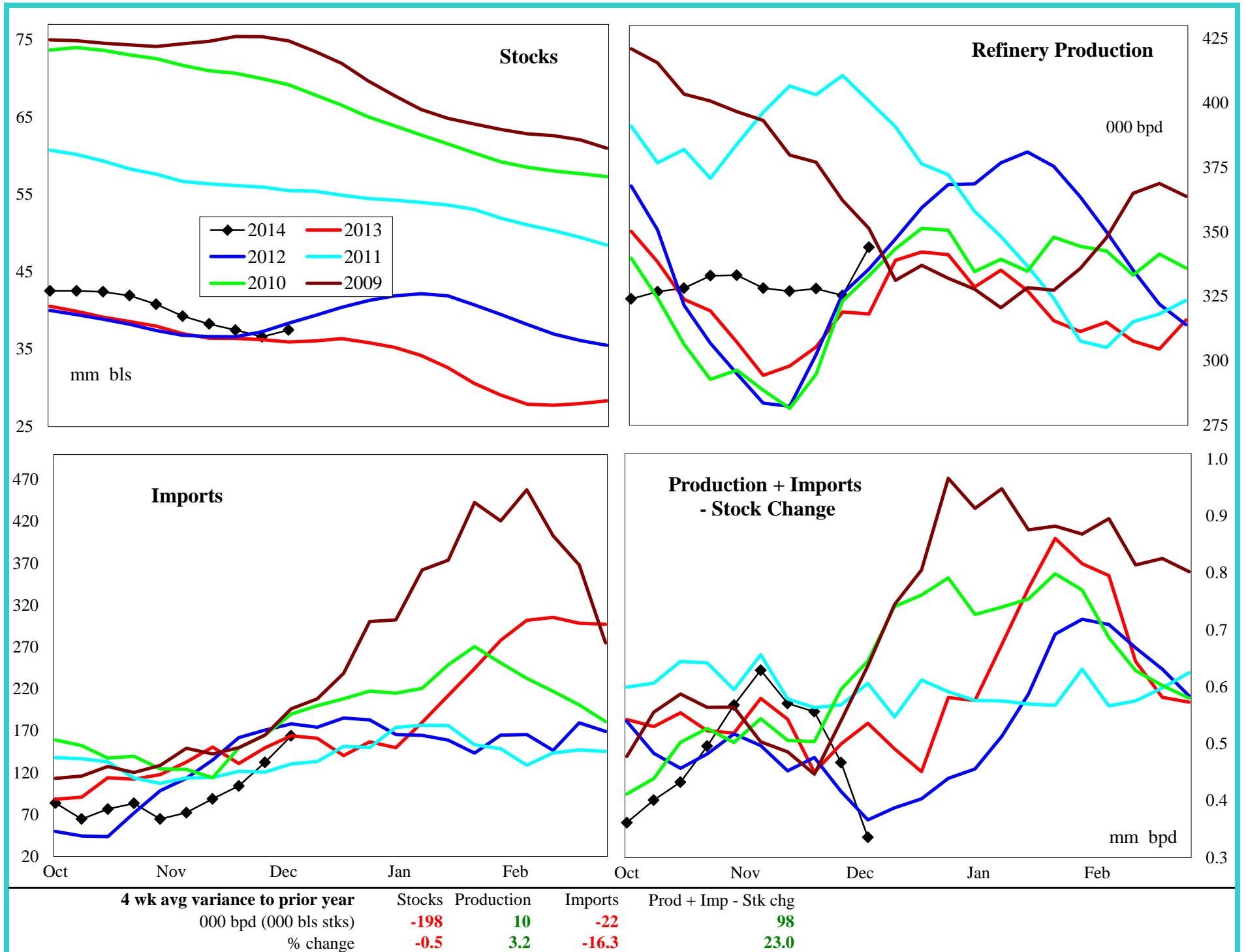
PADD 1 Reformulated Gasoline Supply



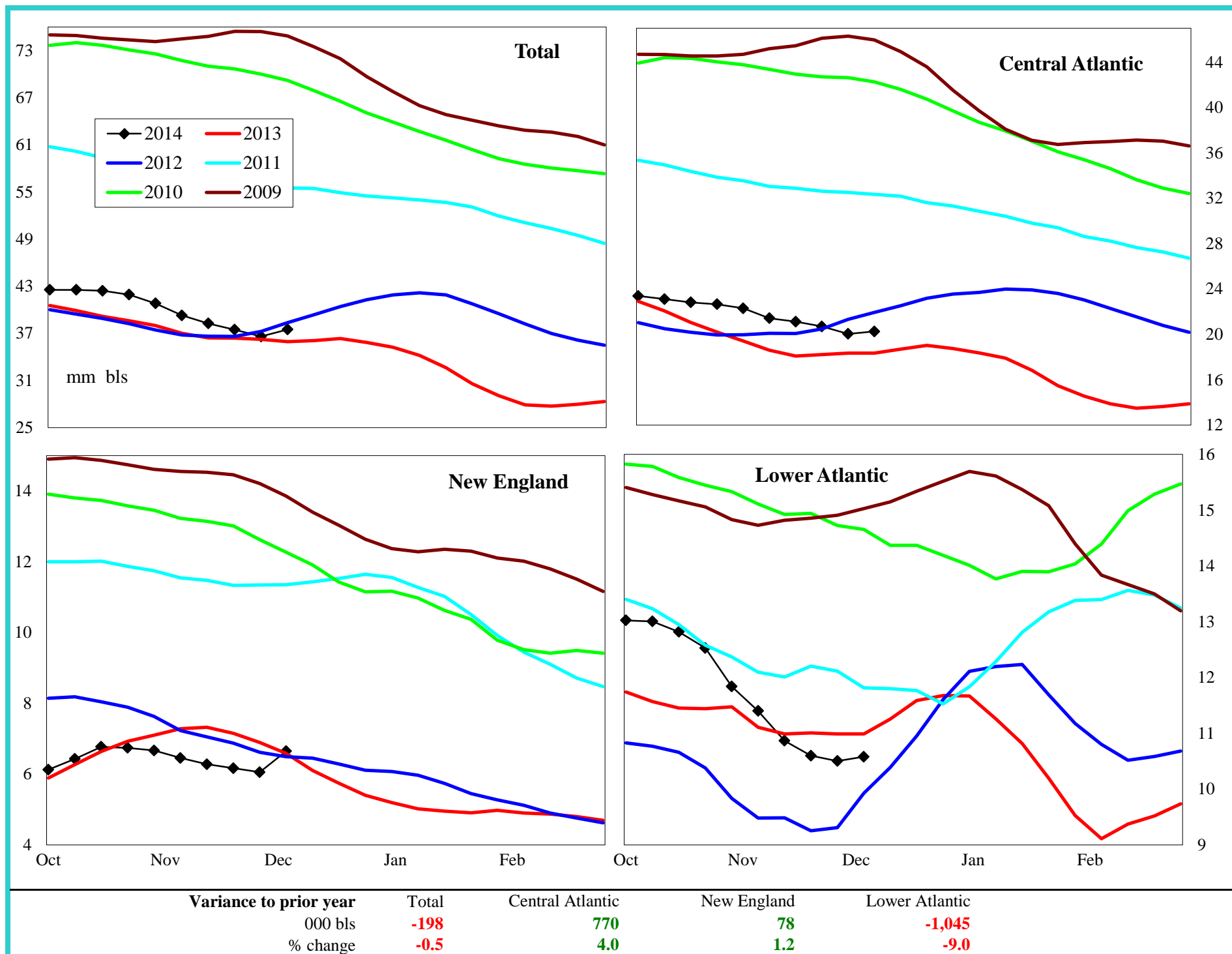
PADD 1 Conventional Gasoline Supply



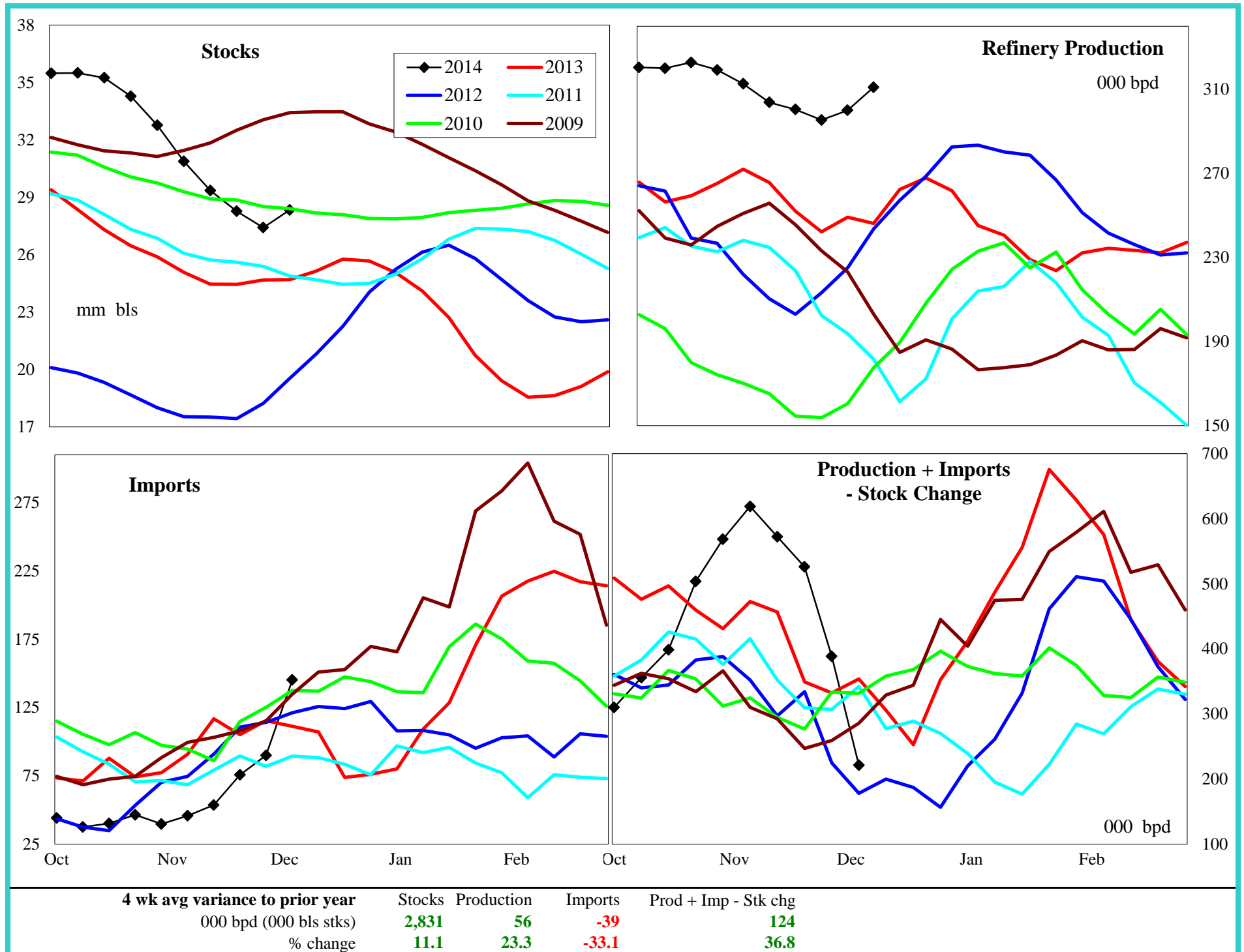
PADD 1 Distillate Supply



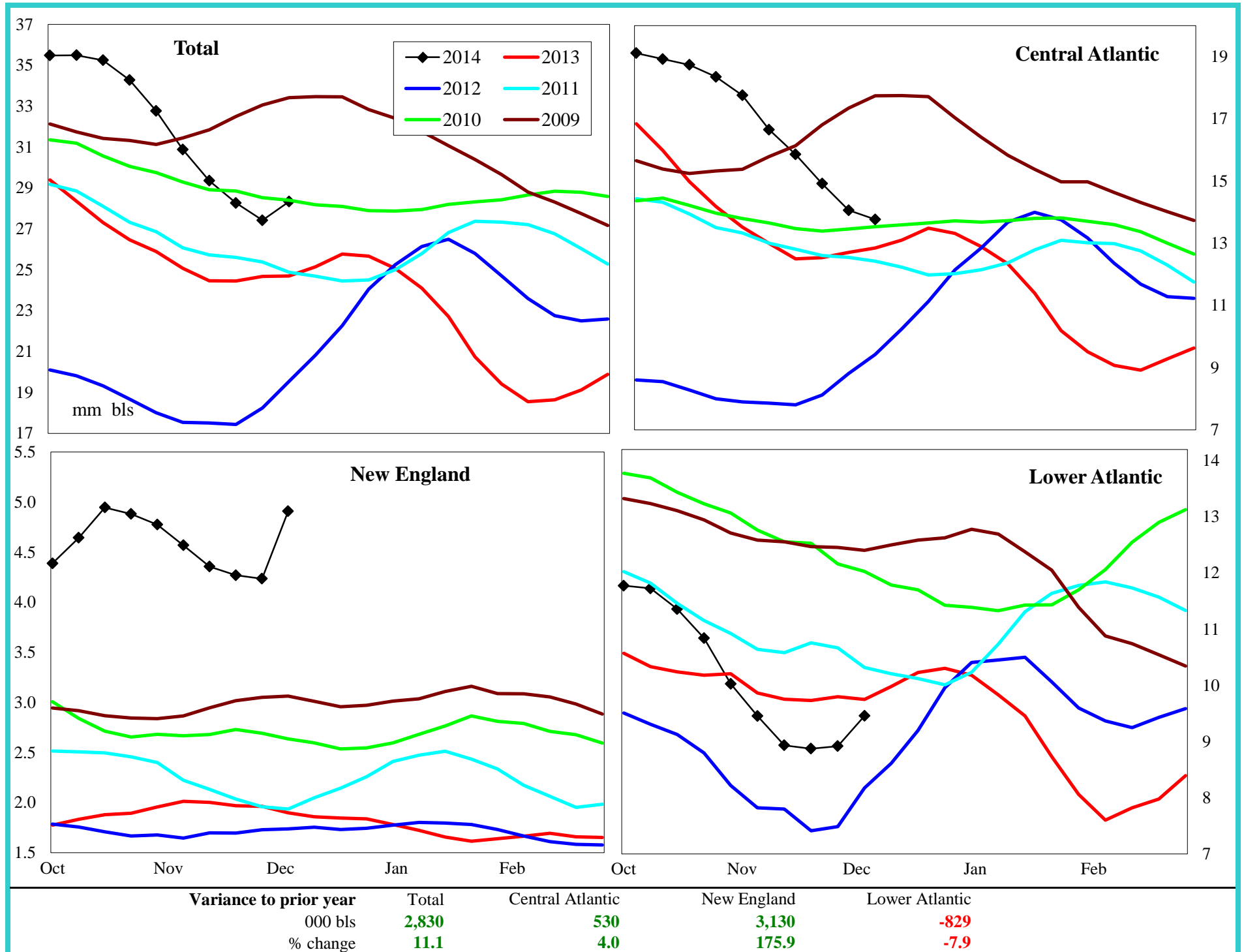
PADD 1 Distillate Stocks by Region



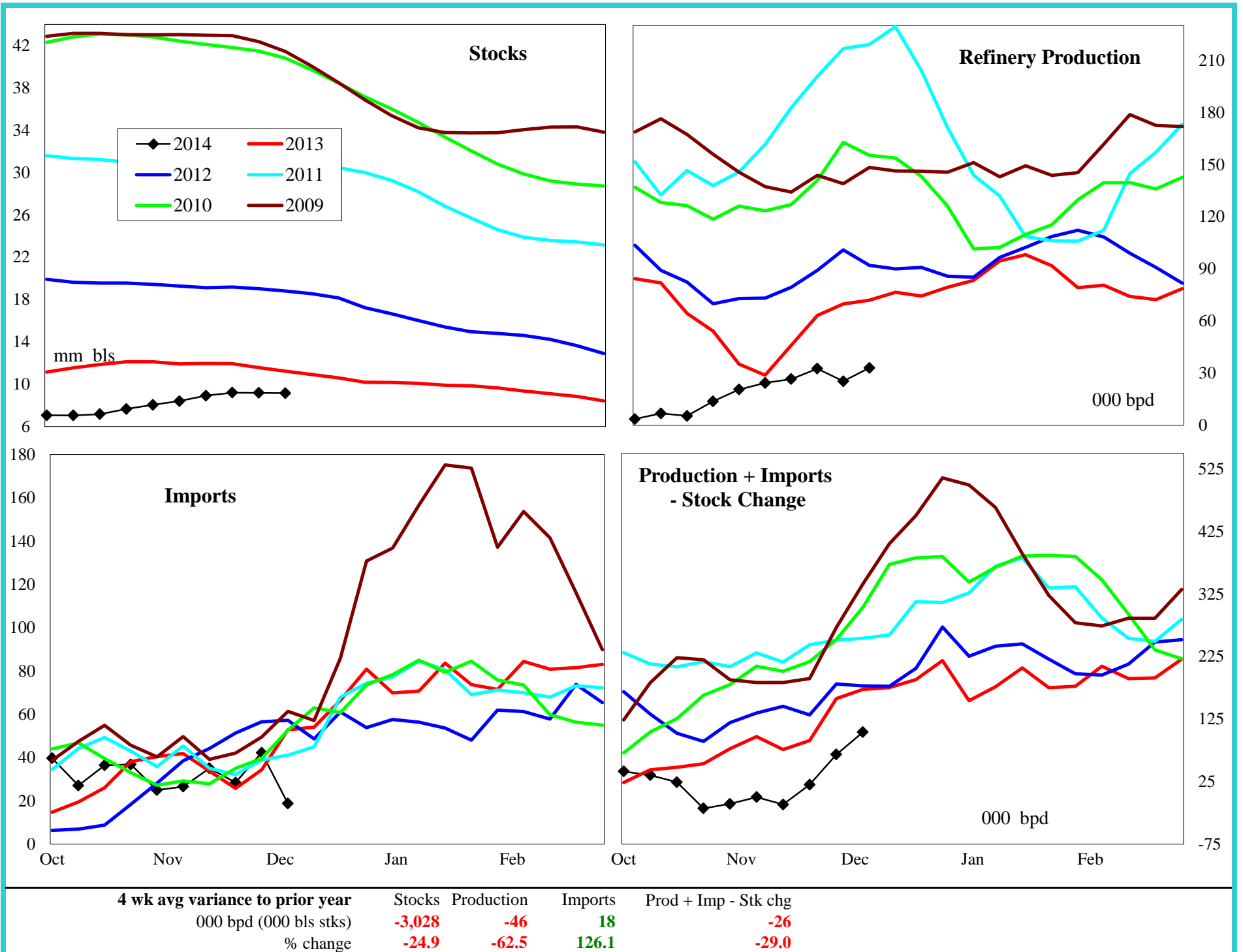
PADD 1 Low Sulfur Distillate Supply



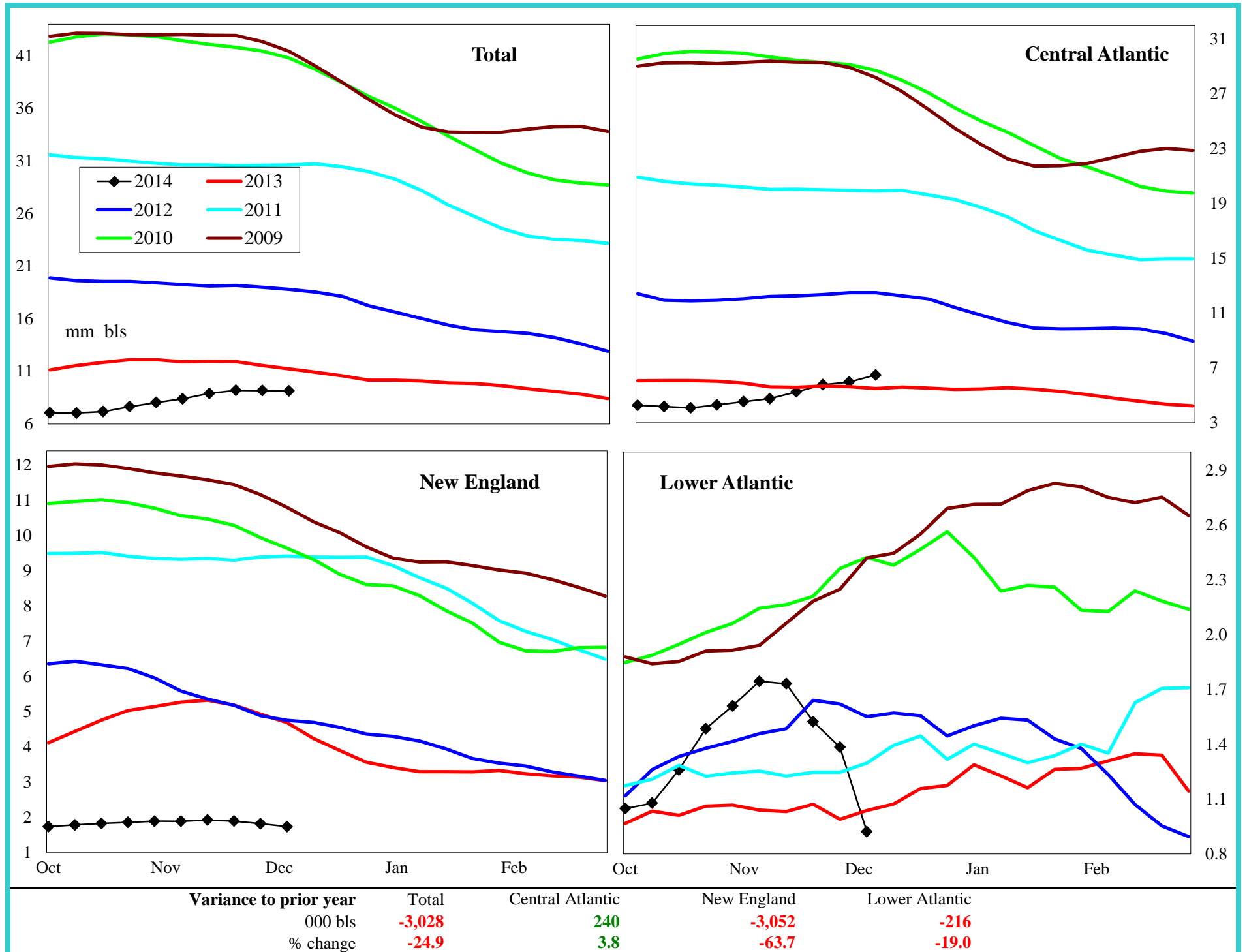
PADD 1 Low Sulfur Distillate Stocks by Region



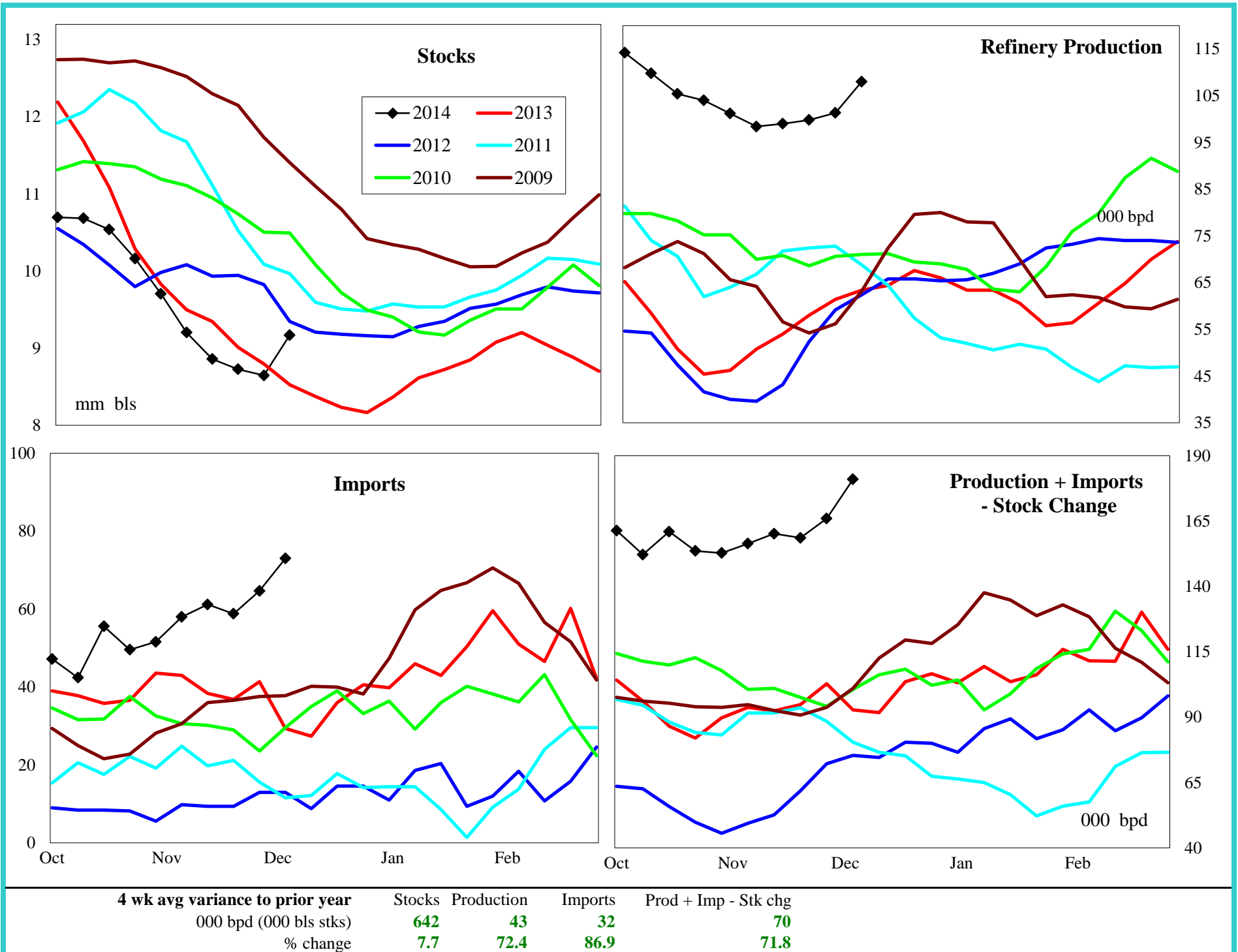
PADD 1 High Sulfur Distillate Supply



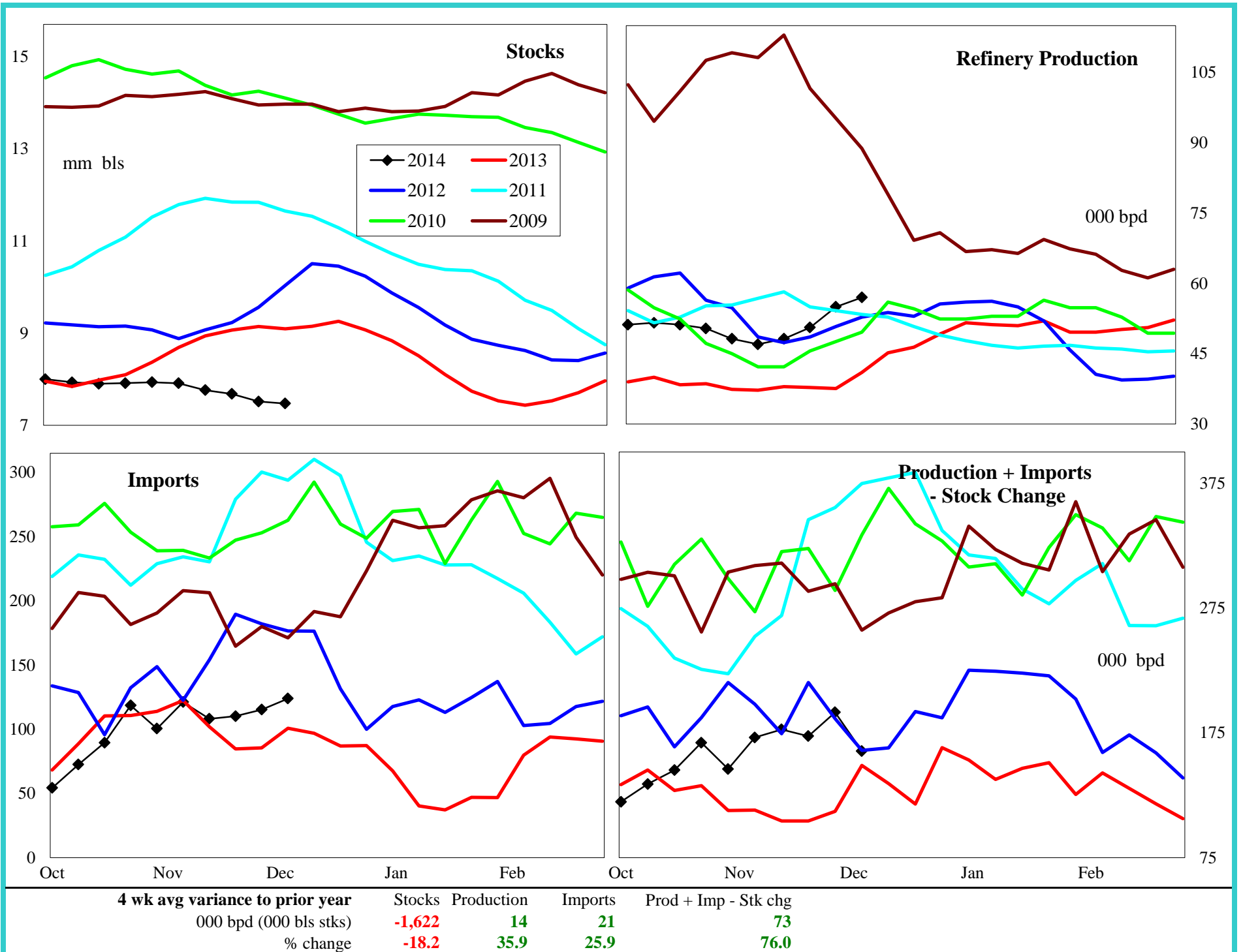
PADD 1 High Sulfur Distillate Stocks by Region



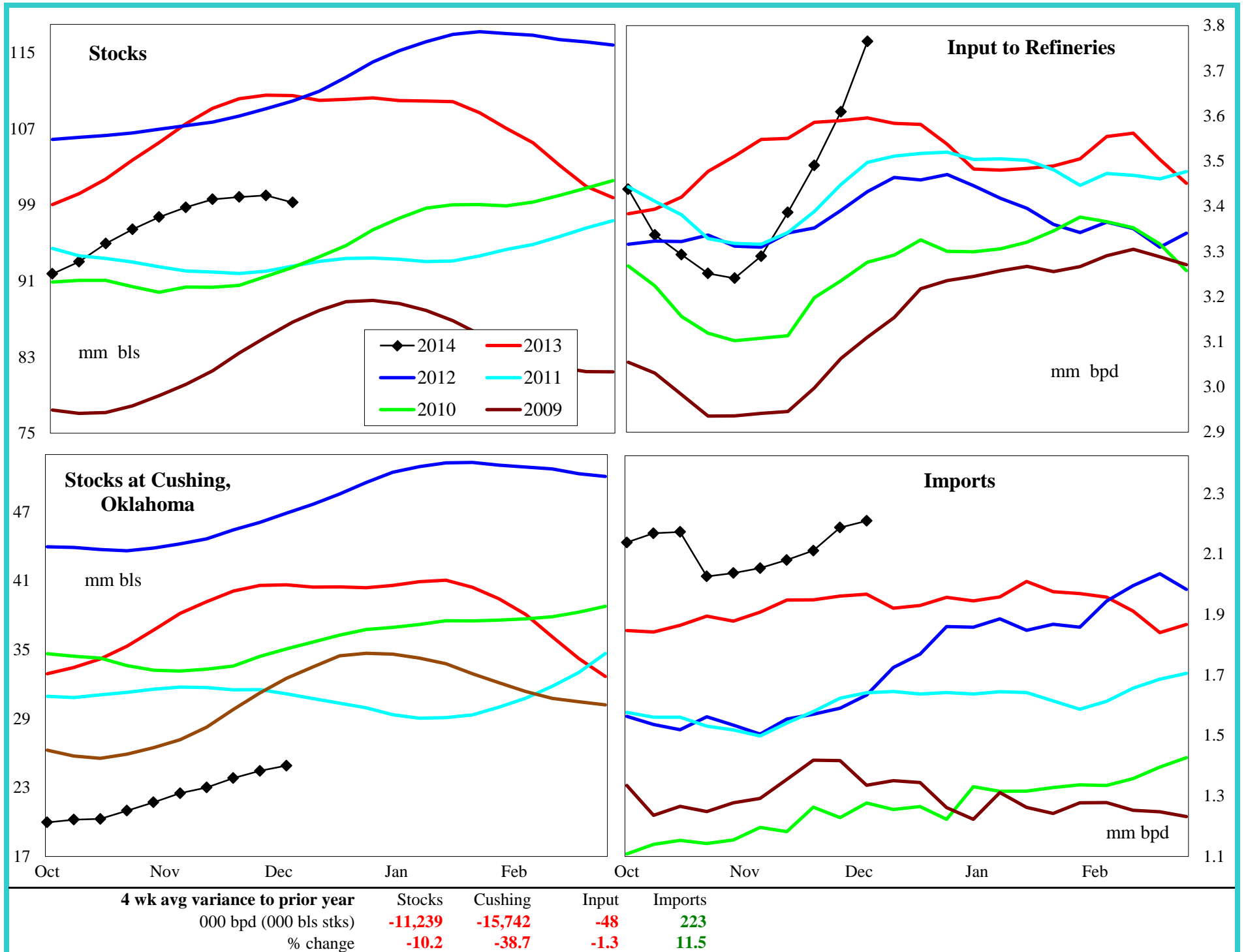
PADD 1 Jet Fuel Supply



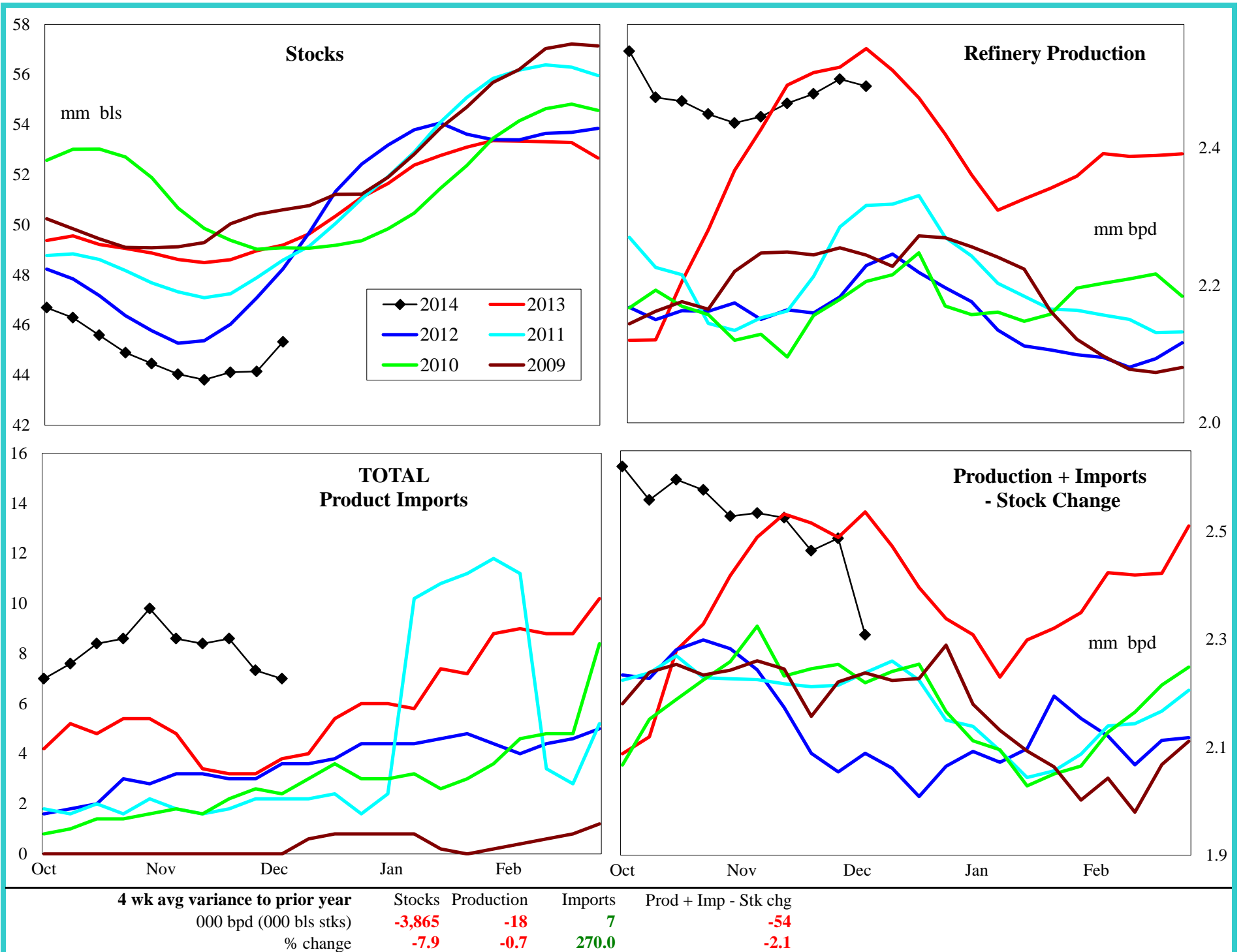
PADD 1 Residual Fuel Oil Supply



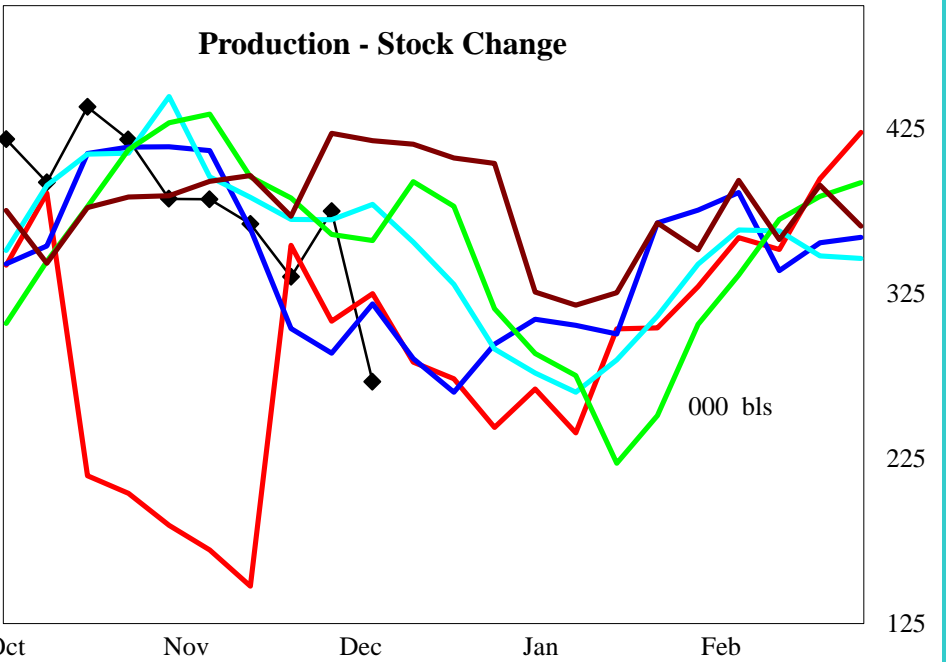
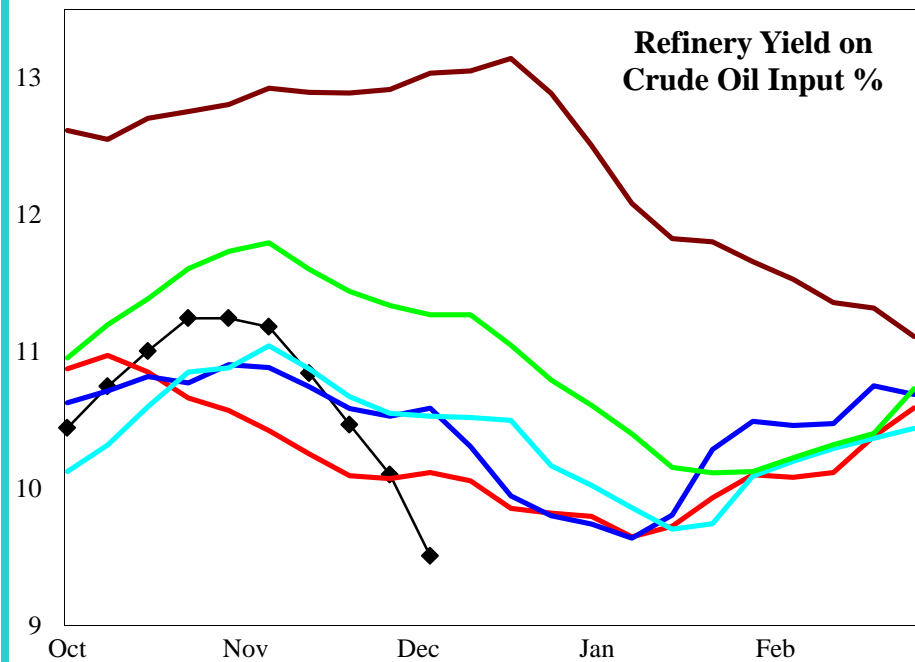
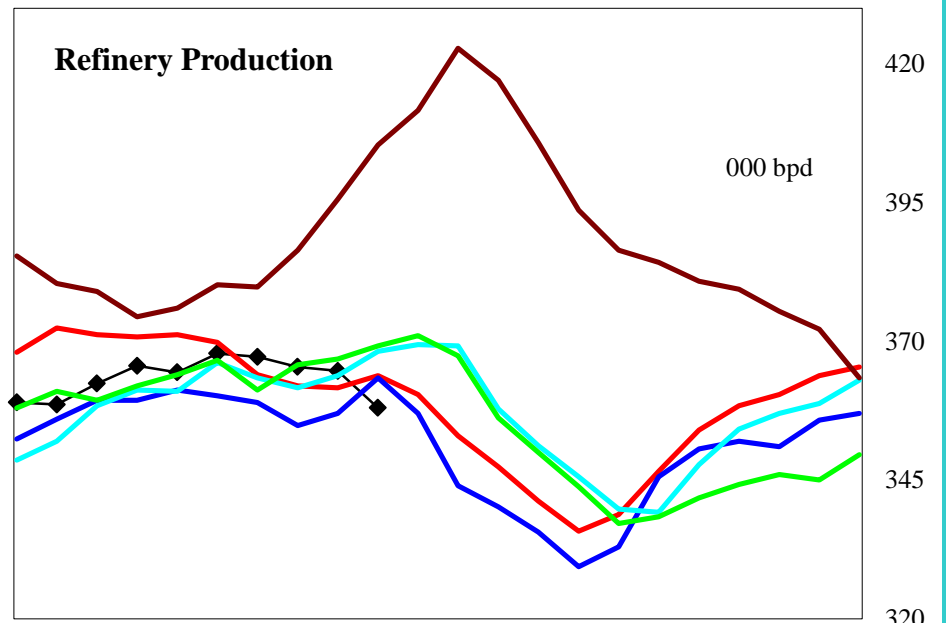
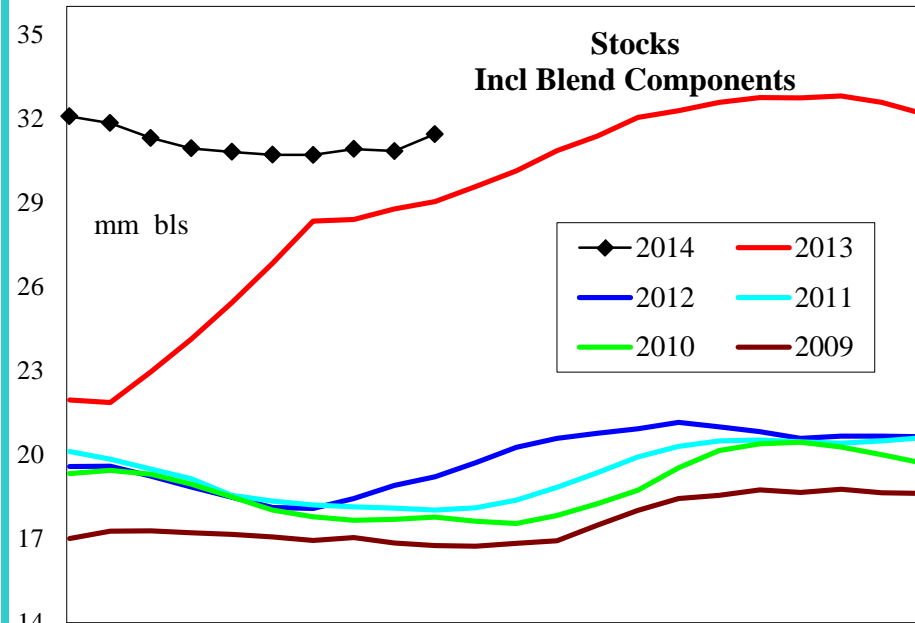
PADD 2 Crude Oil Supply and Refining



PADD 2 Gasoline Supply



PADD 2 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks Production

2,402 1

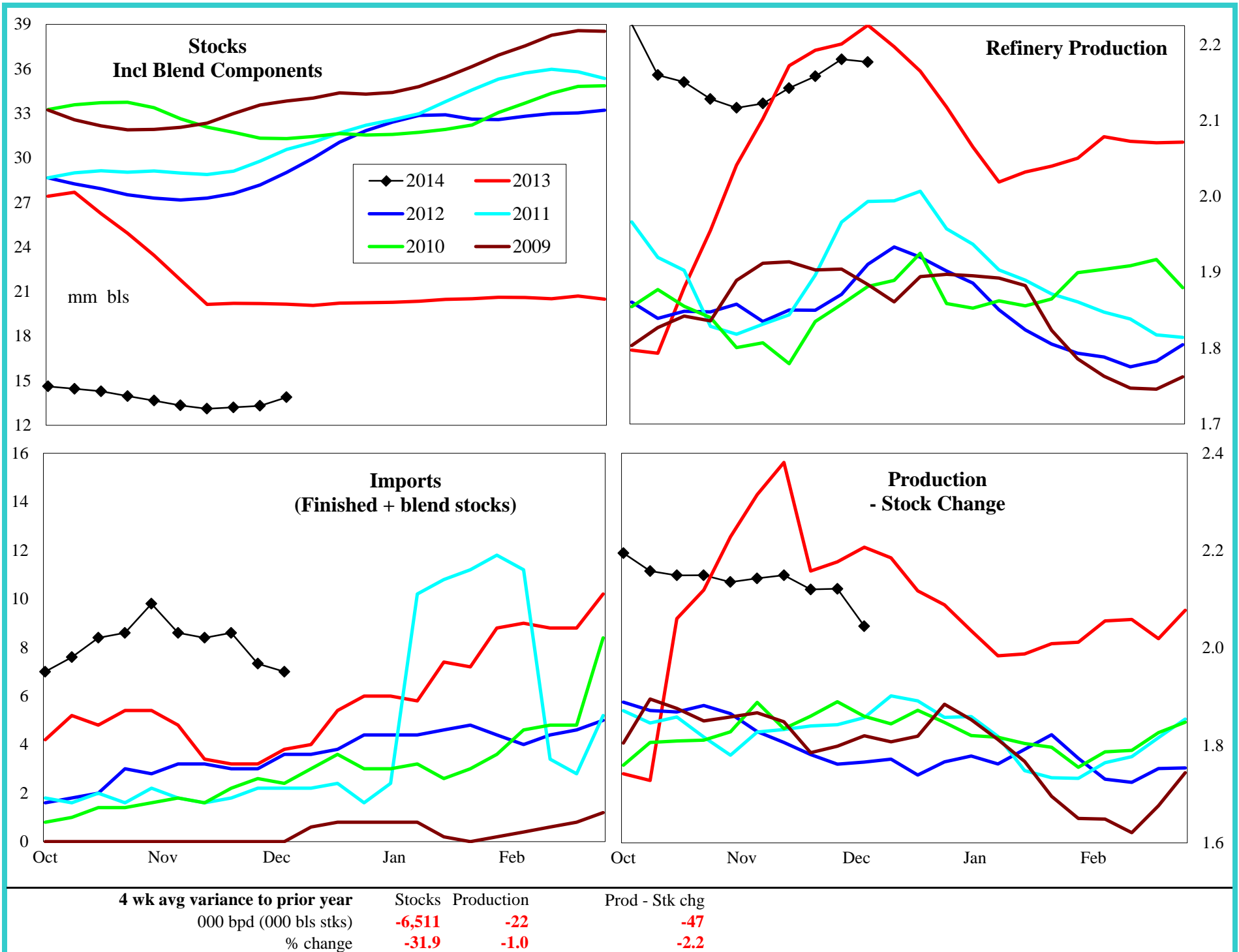
8.3 0.3

Prod - Stk chg

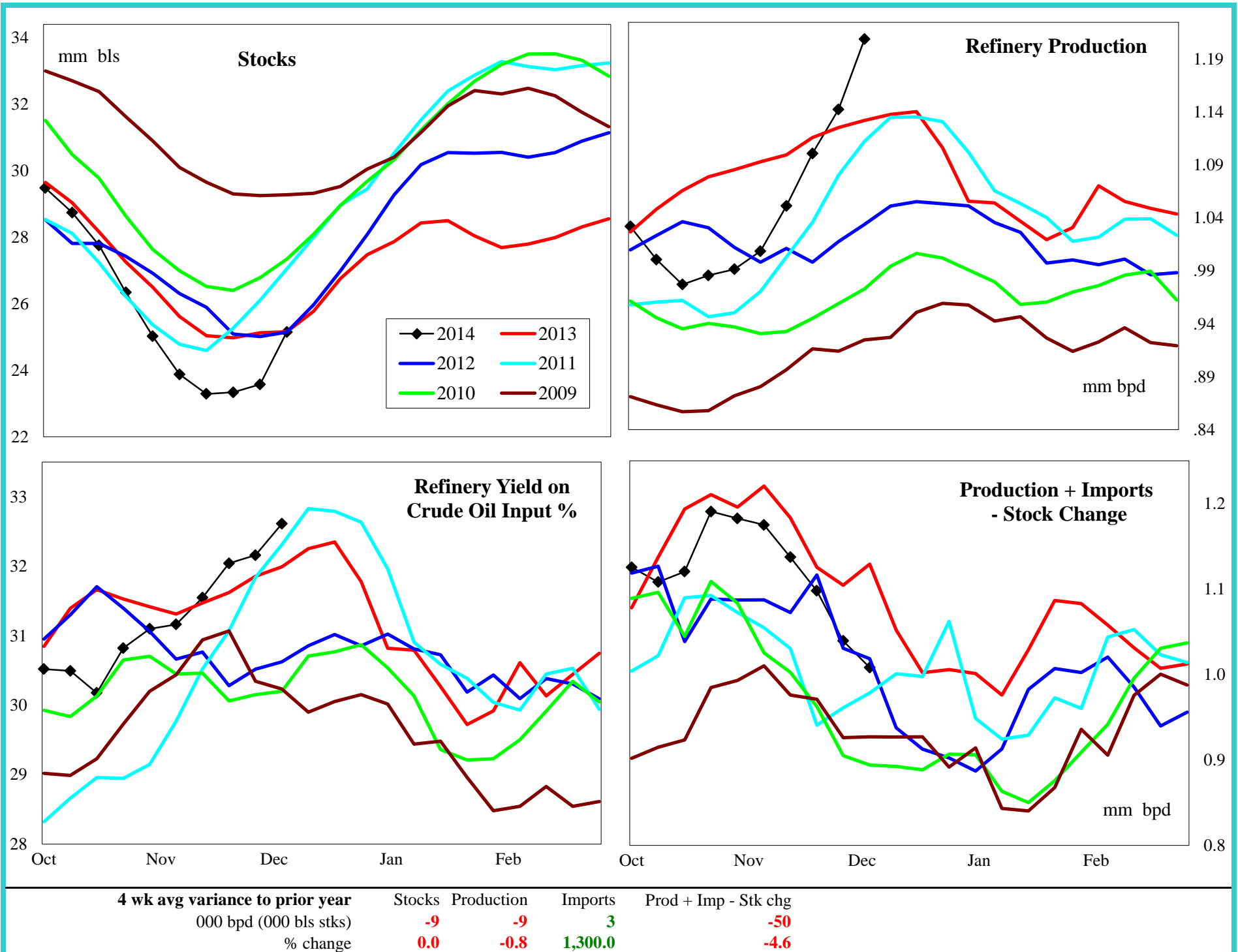
54

18.8

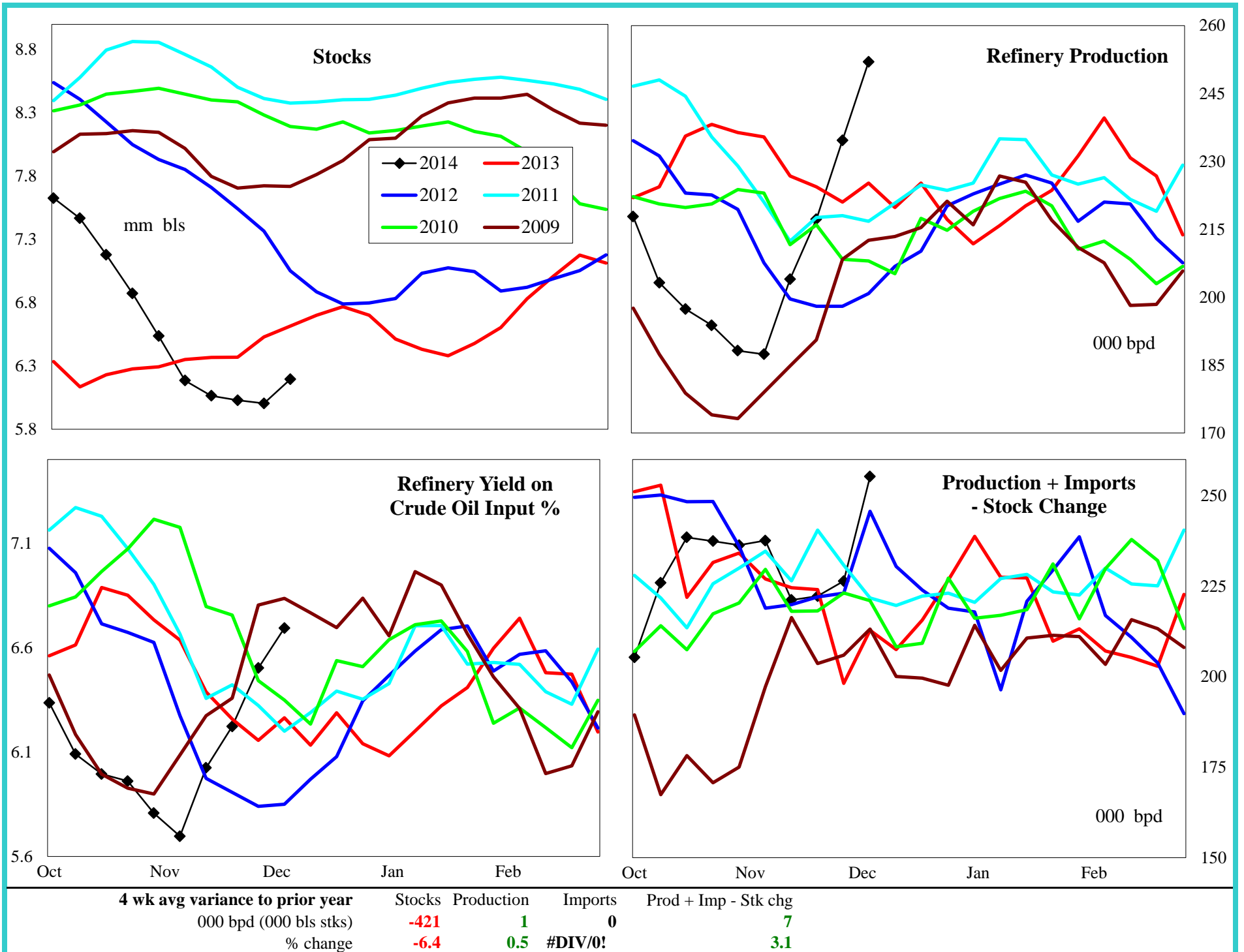
PADD 2 Conventional Gasoline Supply



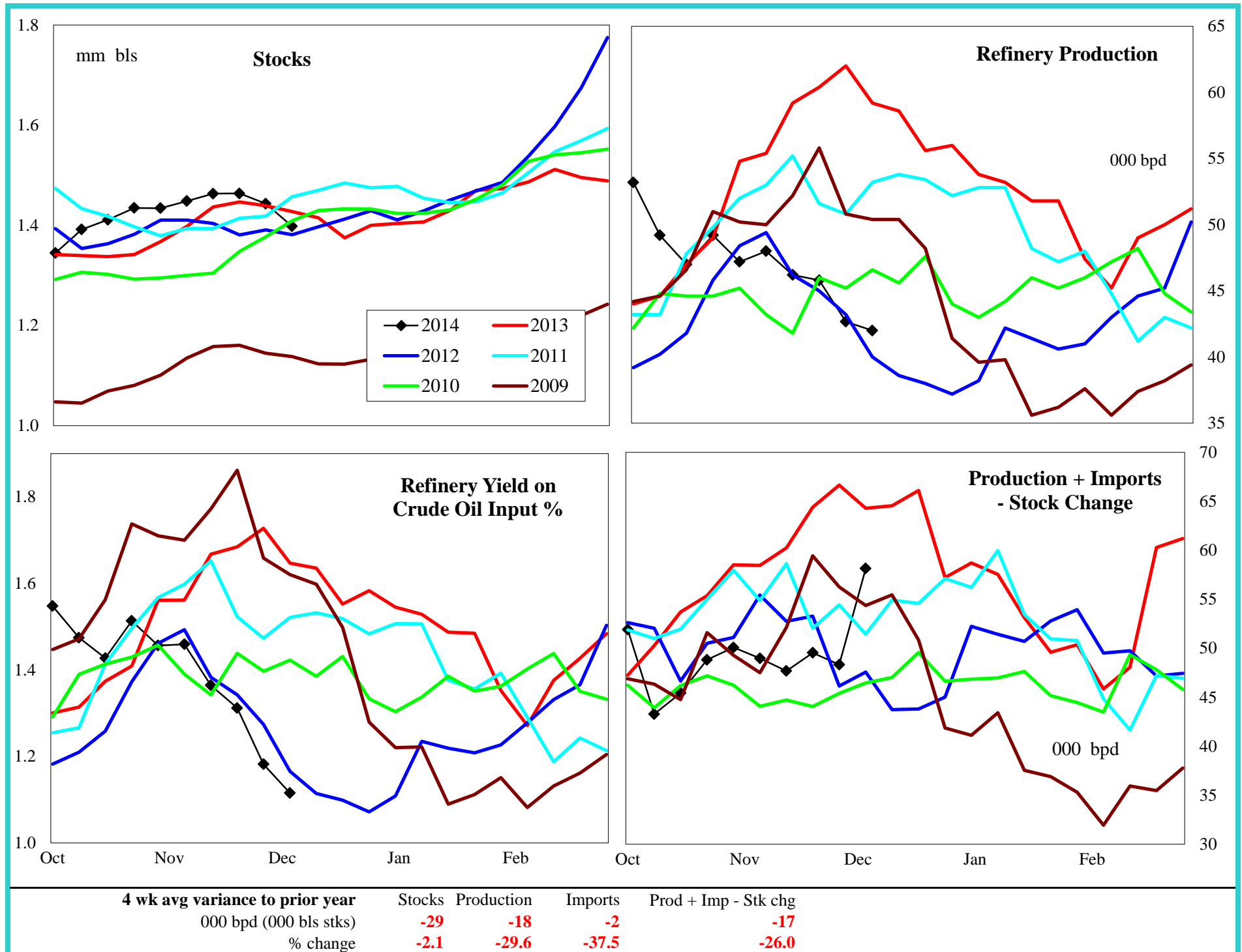
PADD 2 Distillate Supply



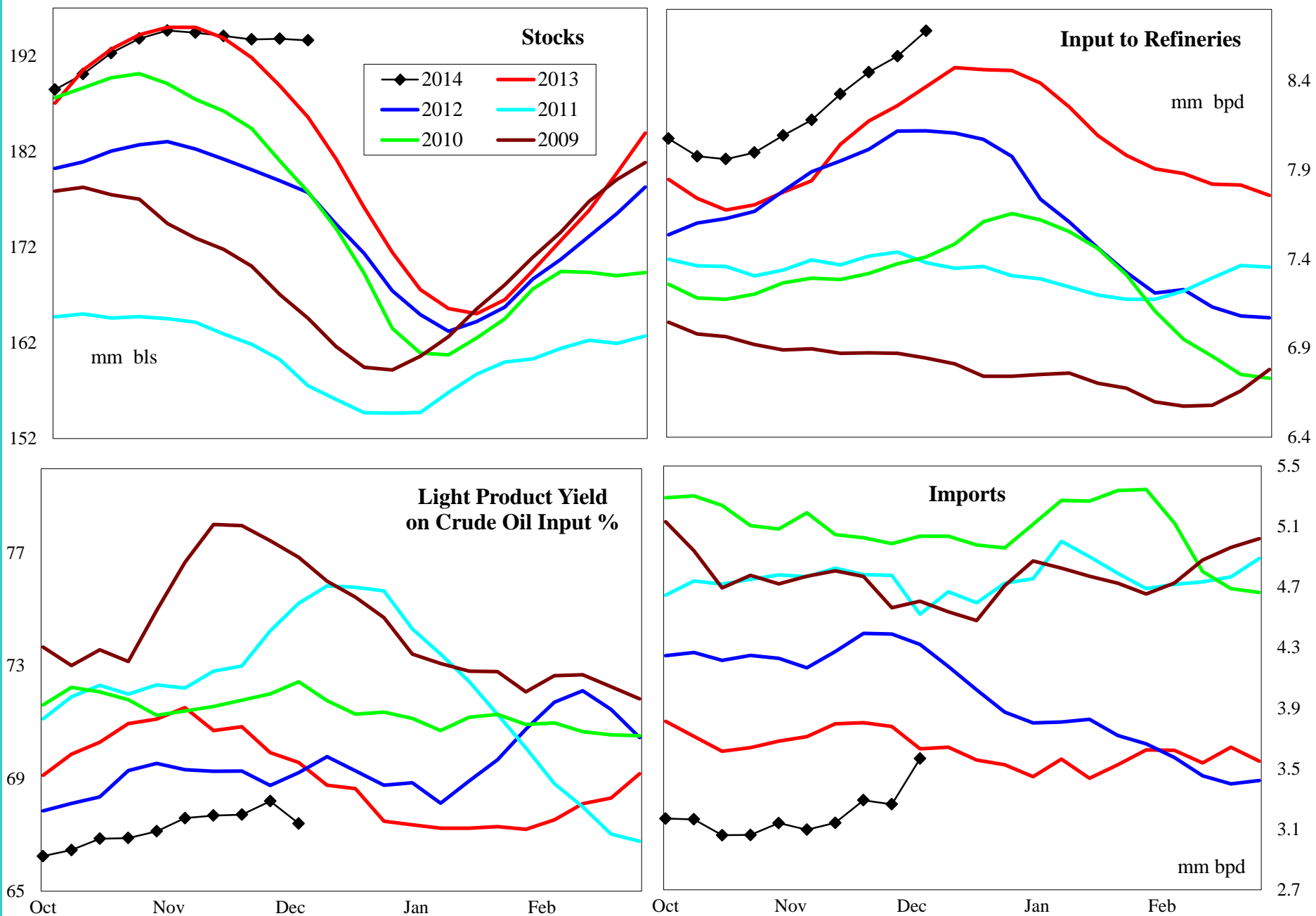
PADD 2 Jet Fuel Supply



PADD 2 Residual Fuel Oil Supply



PADD 3 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

8,012

4.3

Input

263

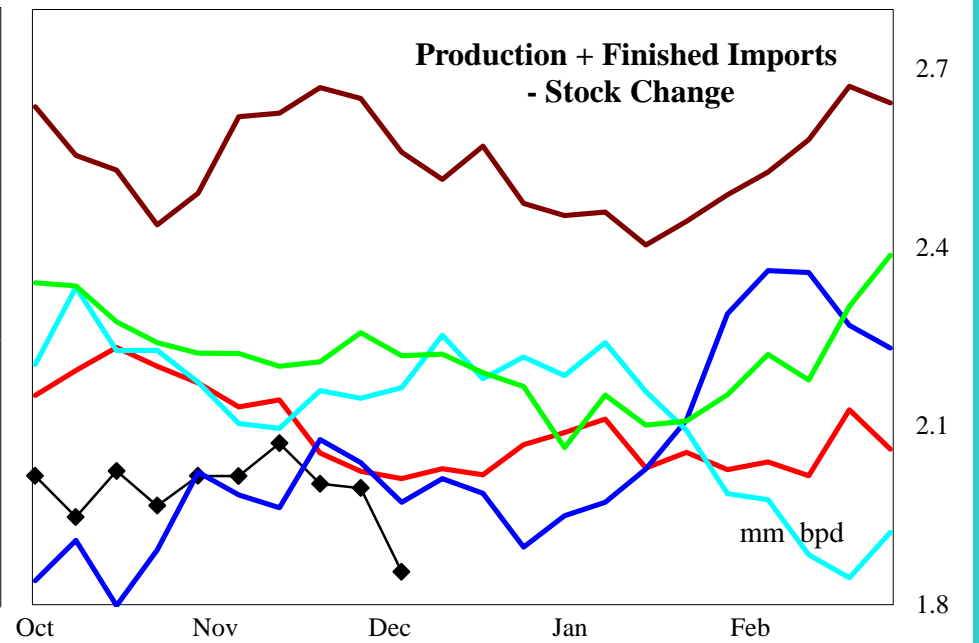
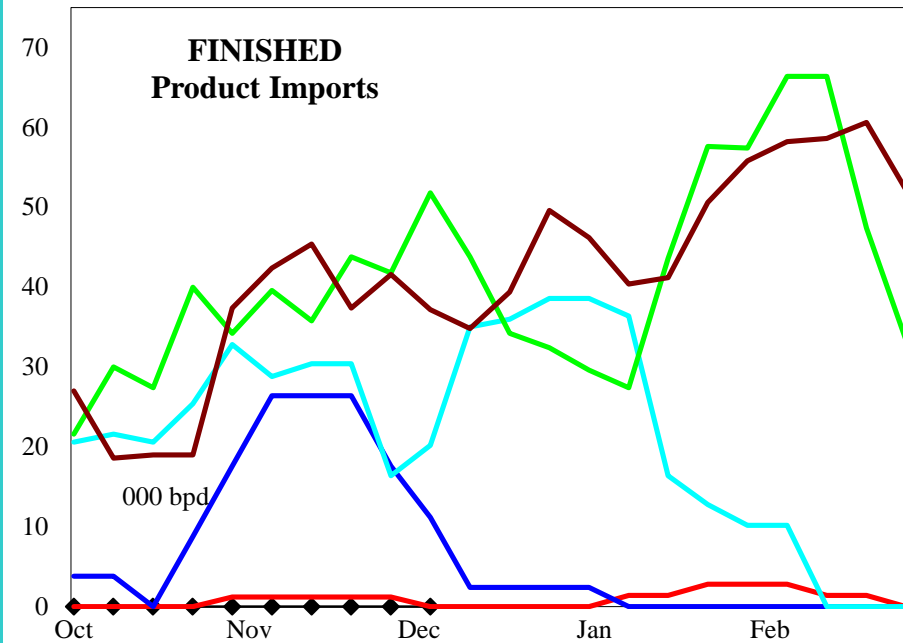
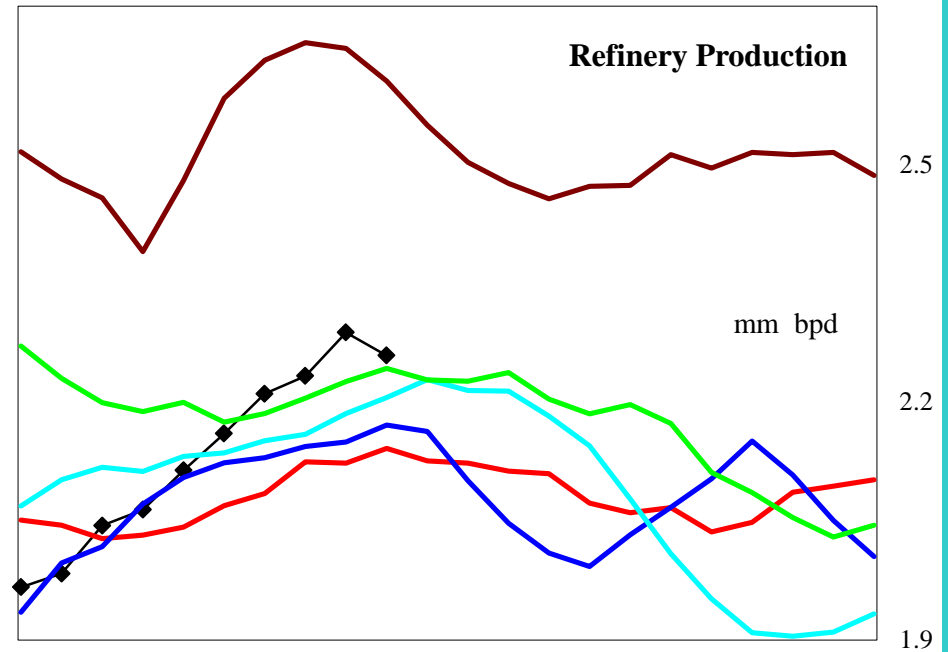
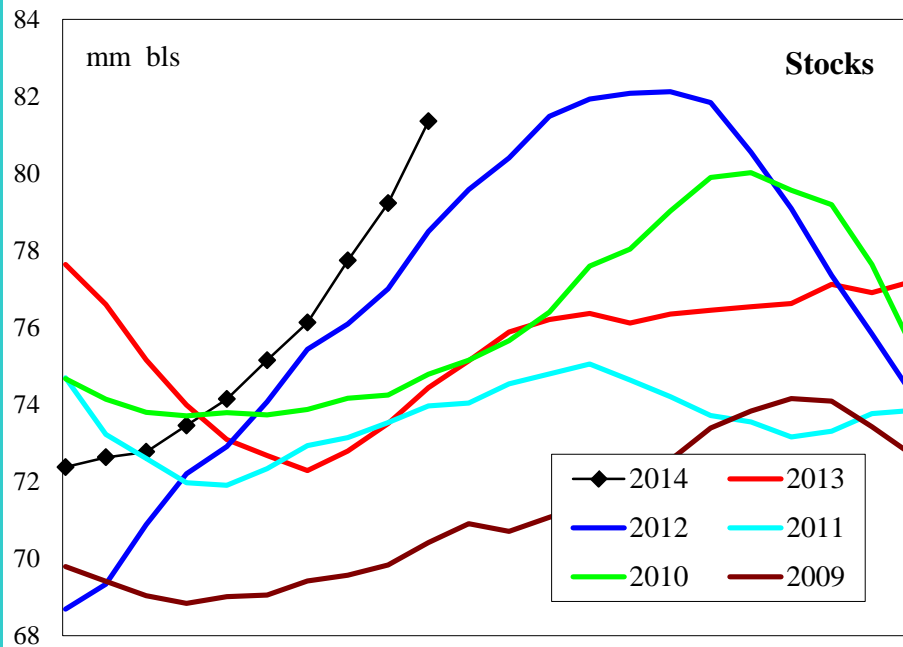
3.2

Imports

-423

-11.2

PADD 3 Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

6,430

8.6

Production

146

6.8

Fin Impt

-2

-100.0

Blend Impt

-6

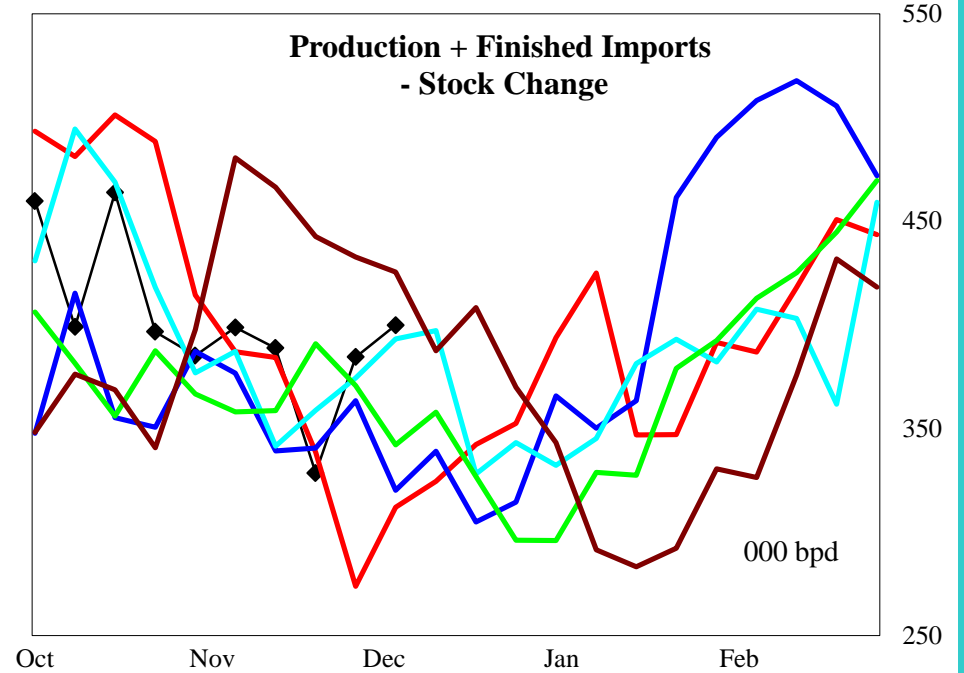
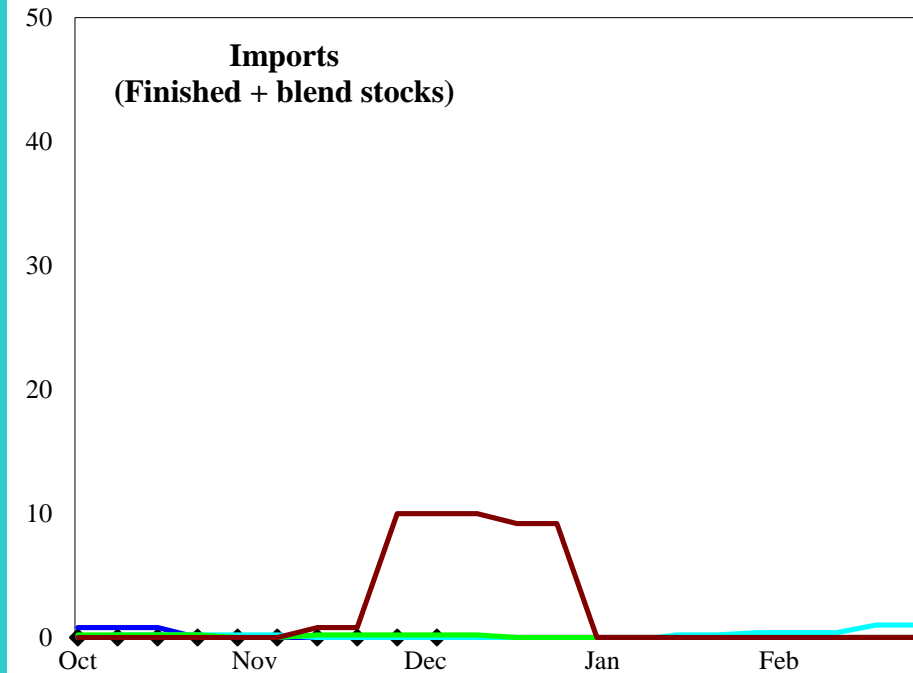
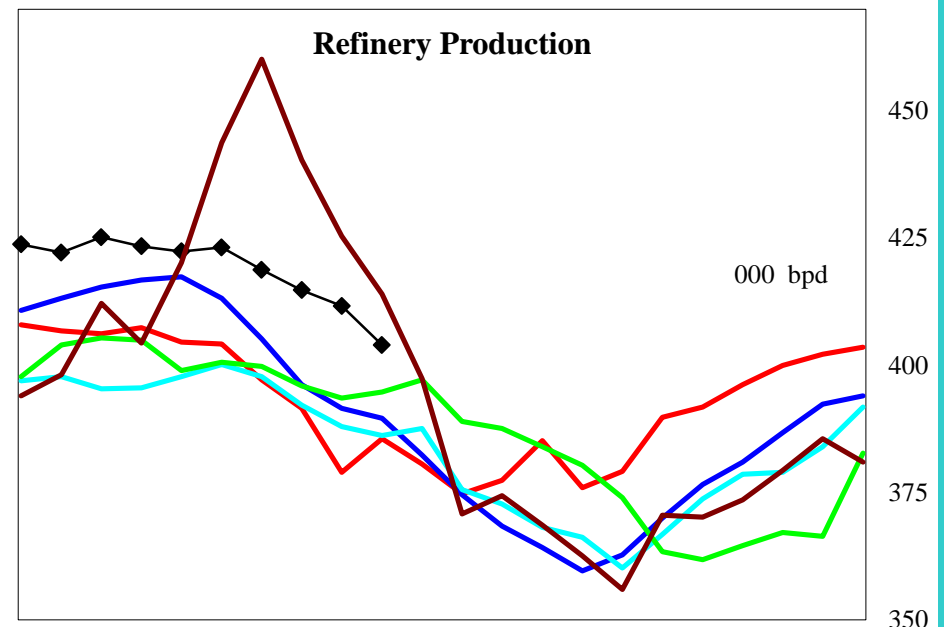
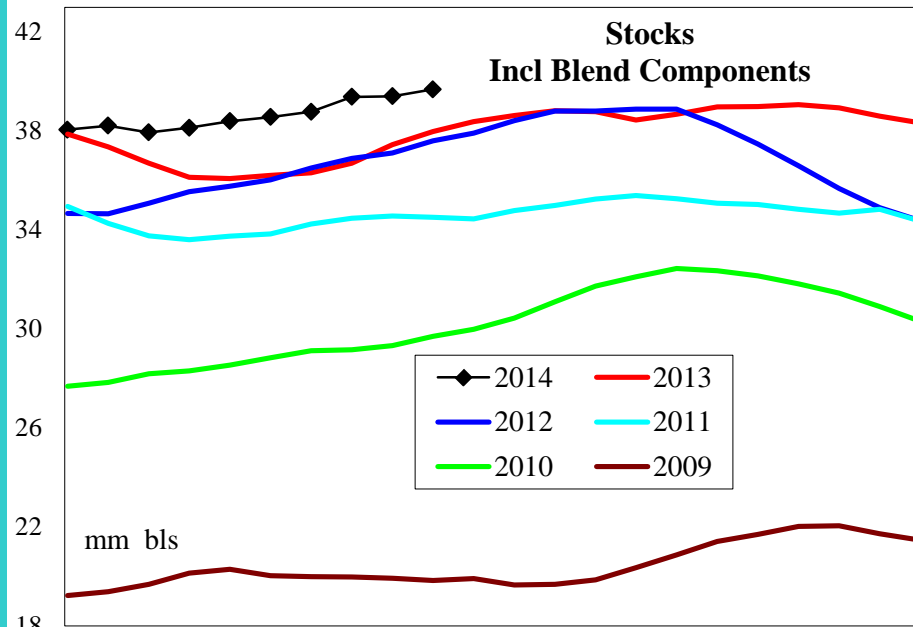
-79.3

Prod + Imp - Stk chg

23

1.1

PADD 3 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,619

4.3

Production

28

7.2

Imports

0

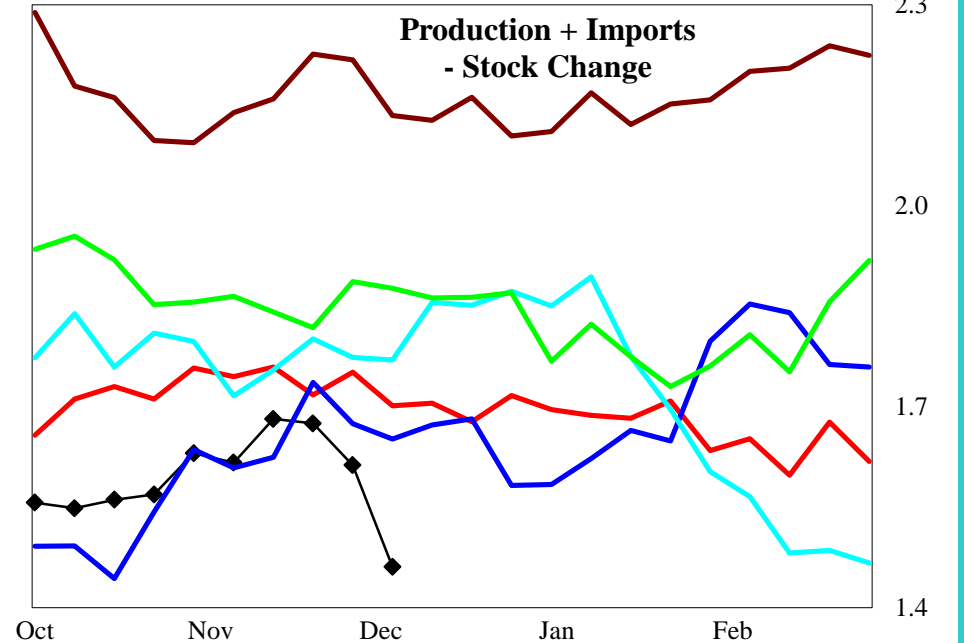
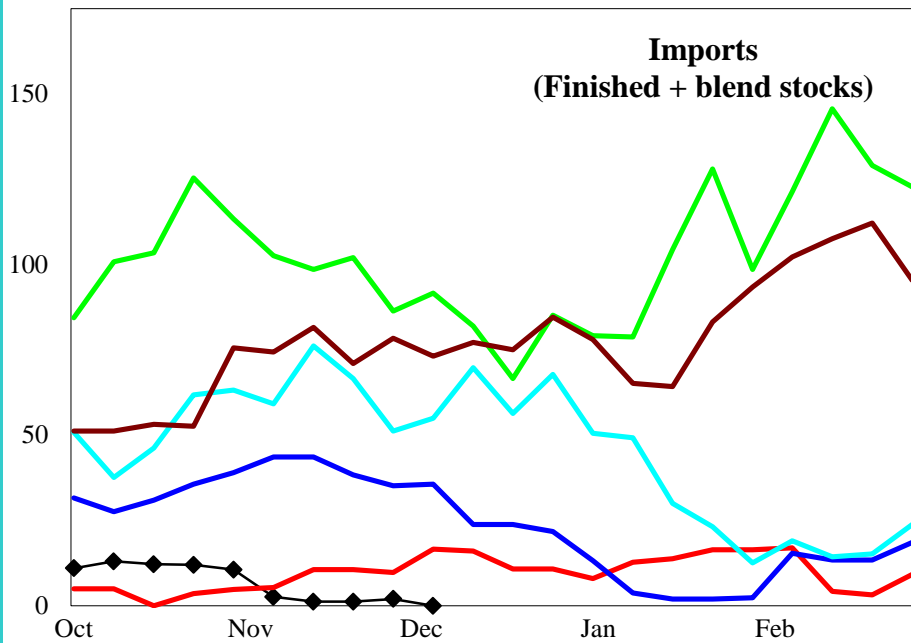
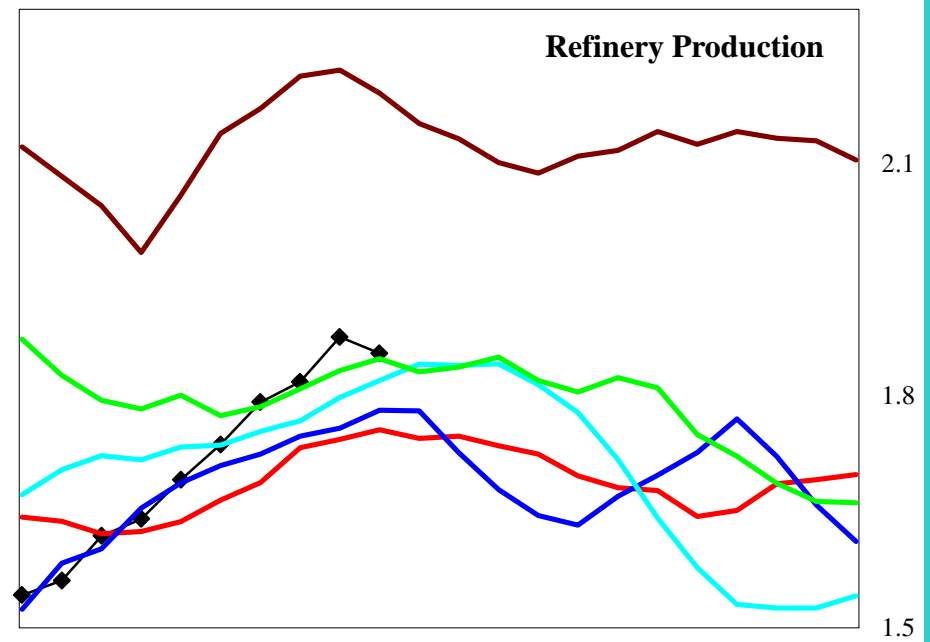
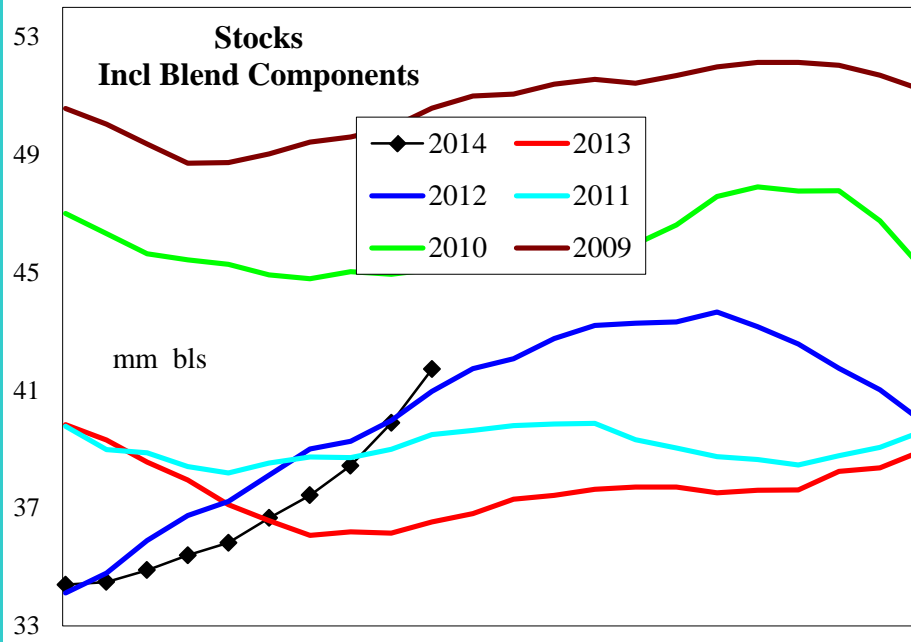
#DIV/0!

Prod + Imp - Stk chg

99

32.0

PADD 3 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bbls stks)

% change

Stocks

4,813

13.0

Production

118

6.7

Imports

-7

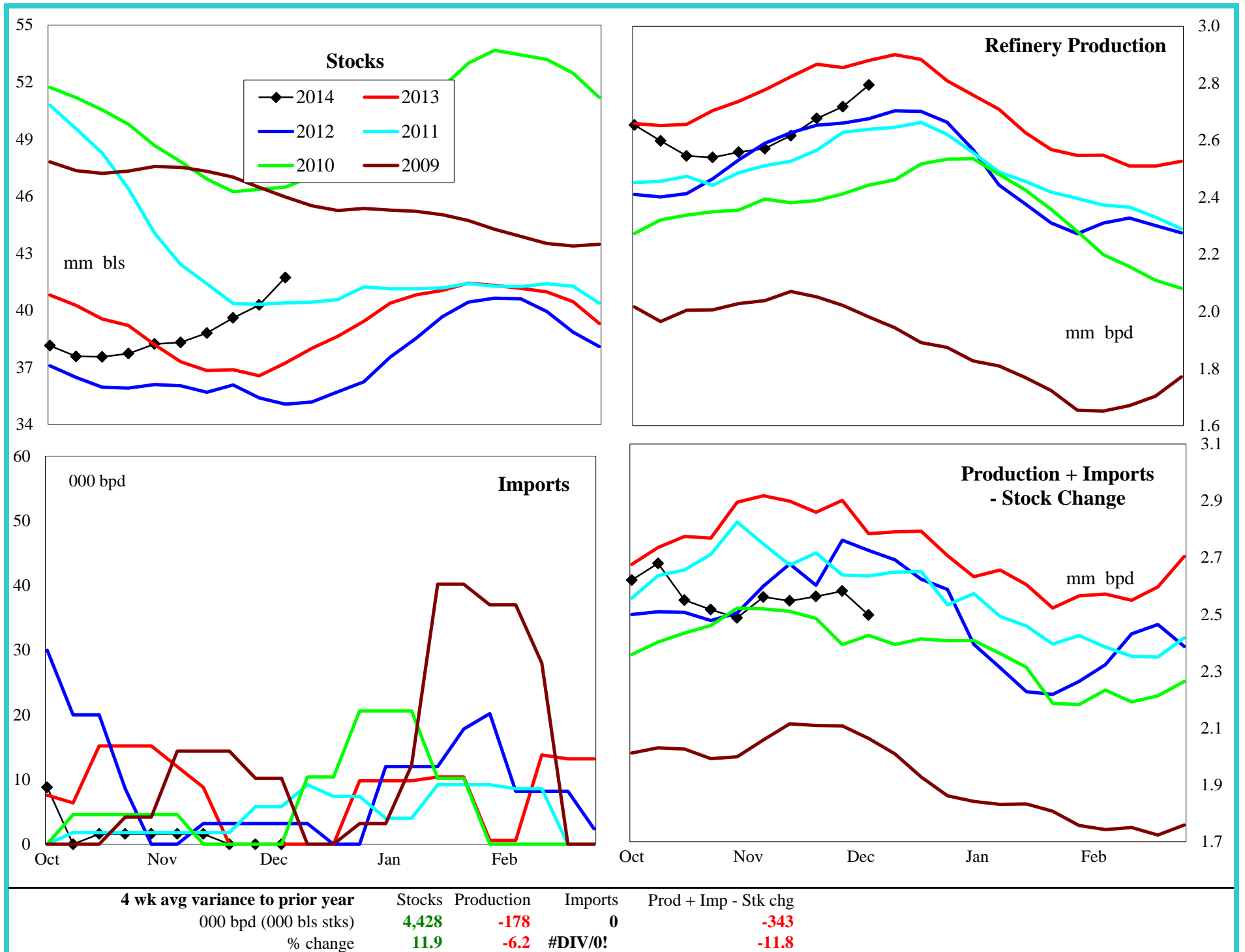
-82.9

Prod + Imp - Stk chg

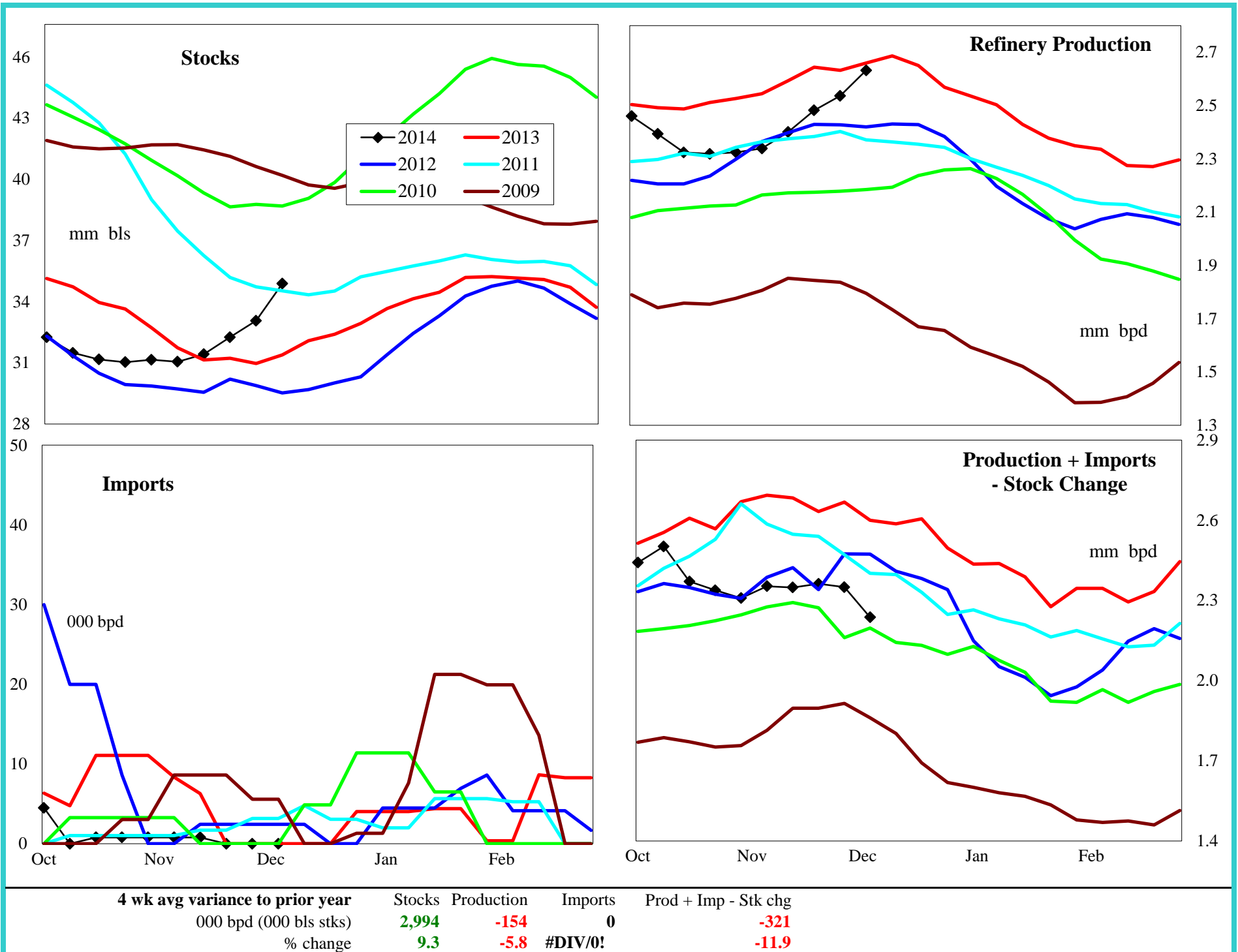
-77

-4.4

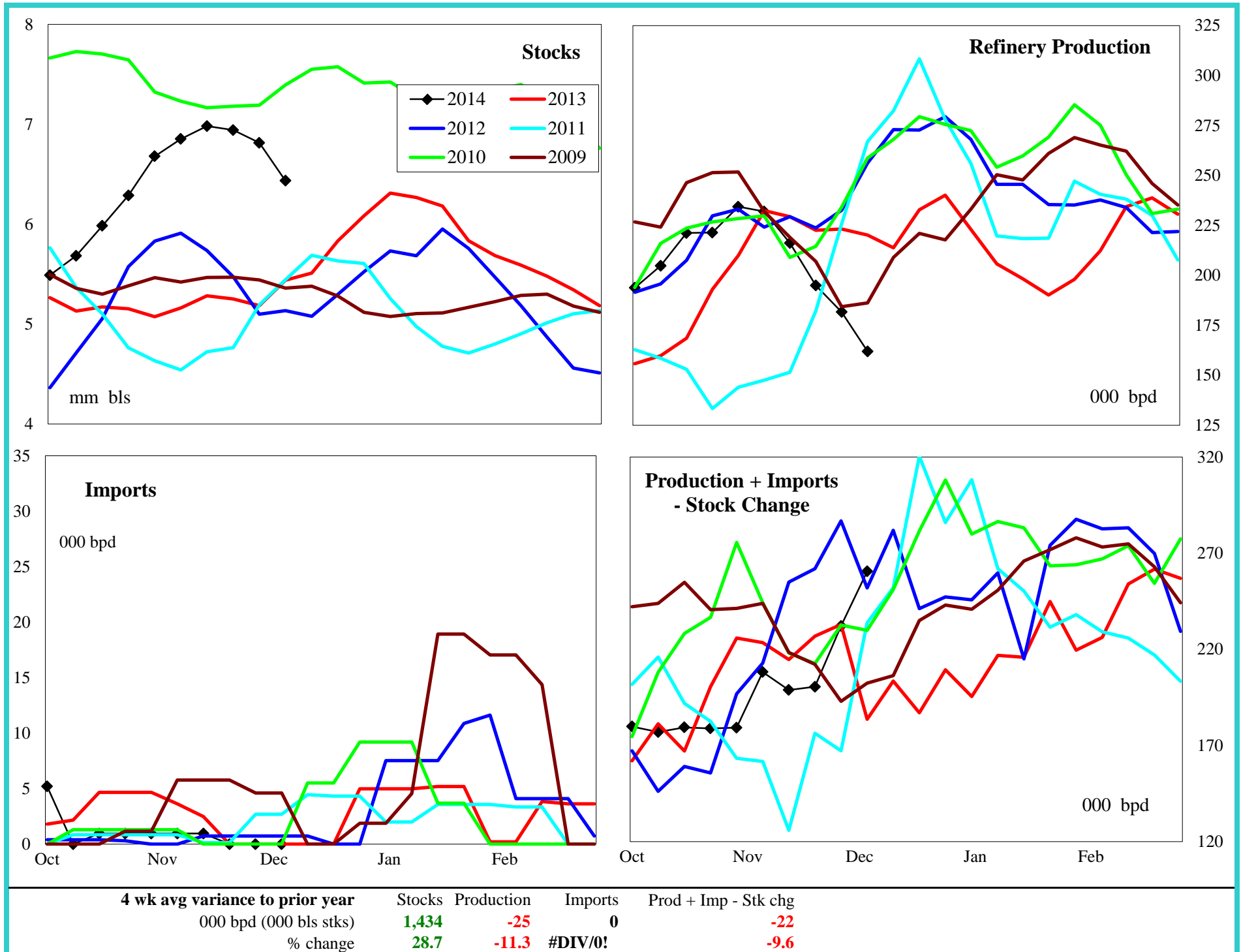
PADD 3 Distillate Supply



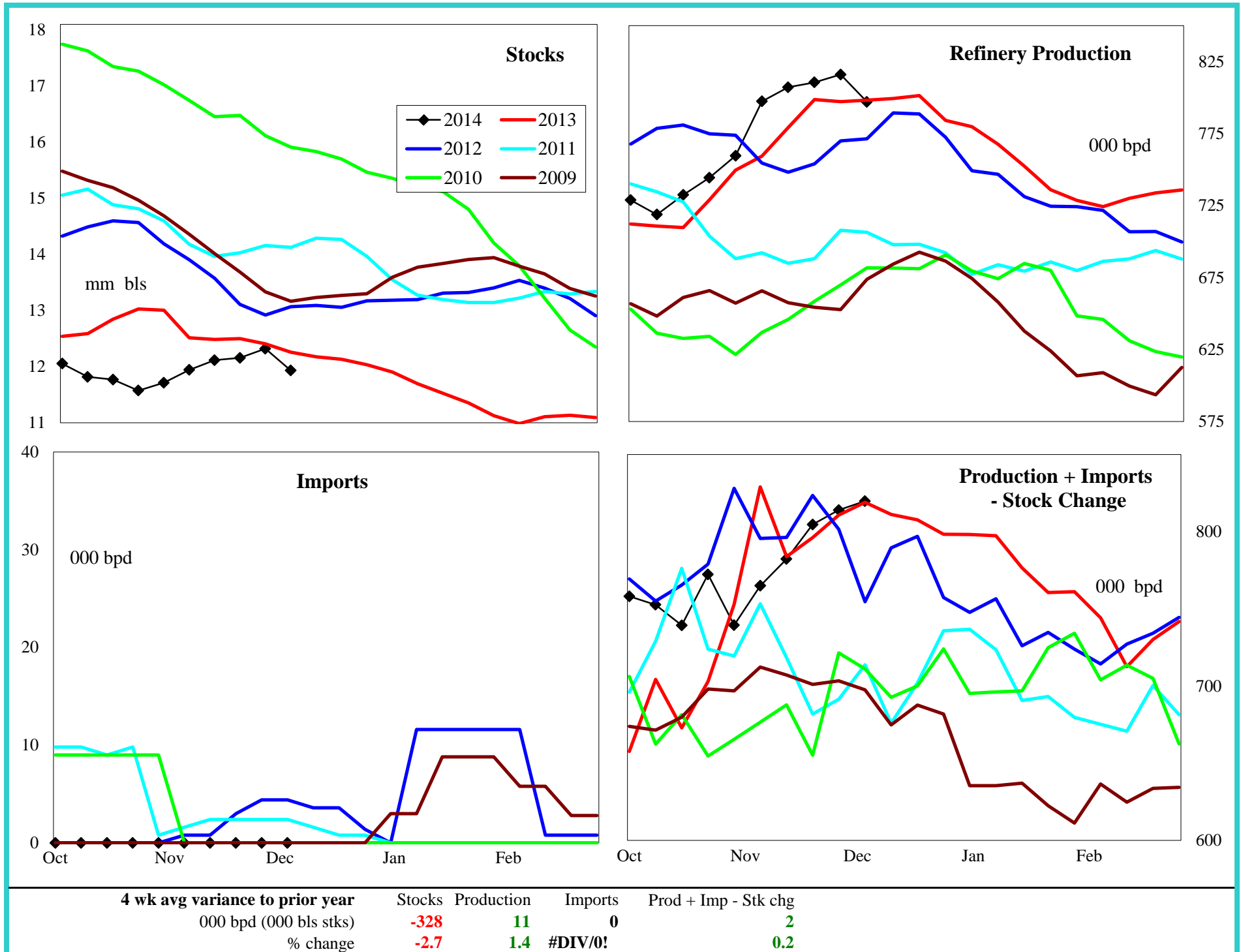
PADD 3 Low Sulfur Distillate Supply



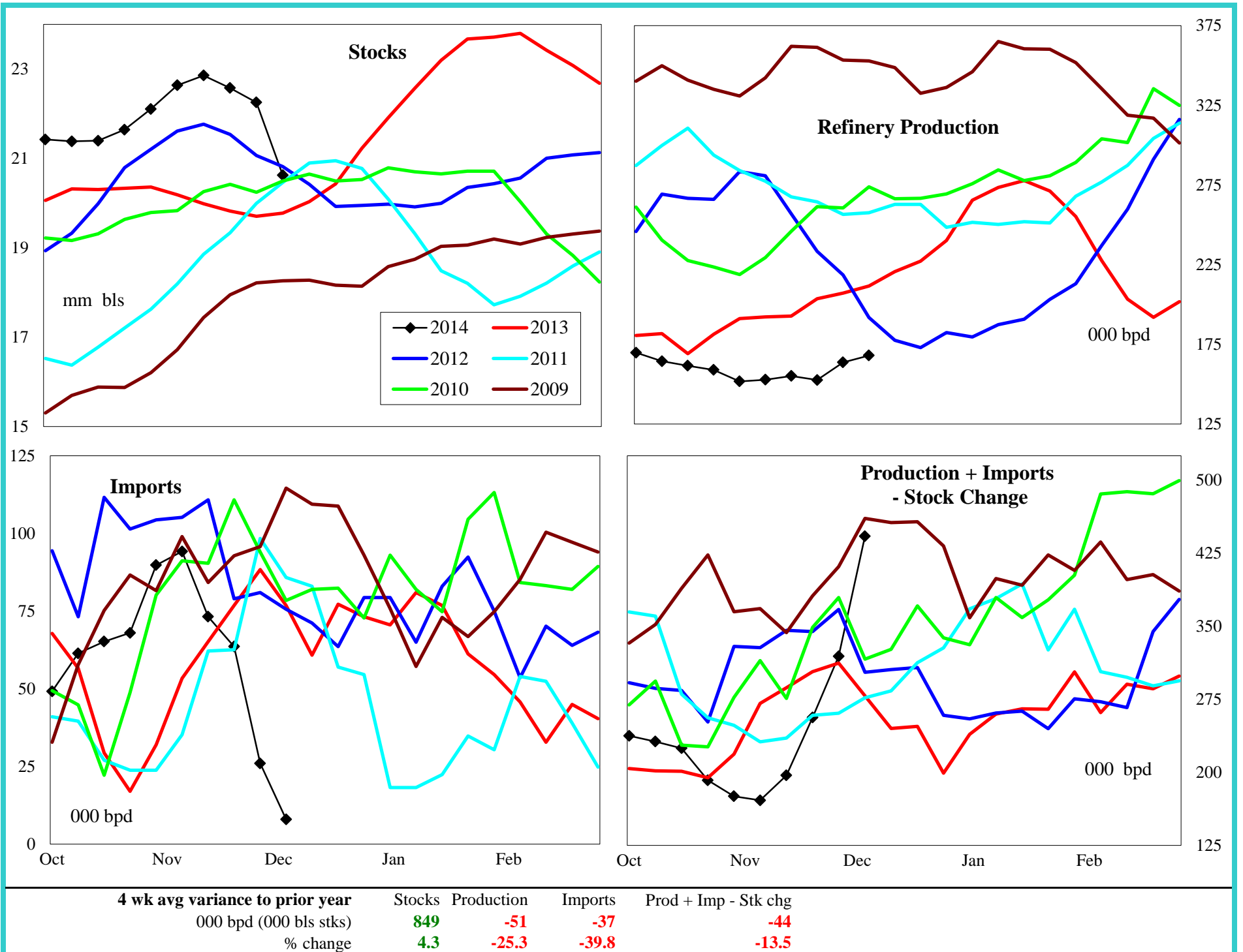
PADD 3 High Sulfur Distillate Supply



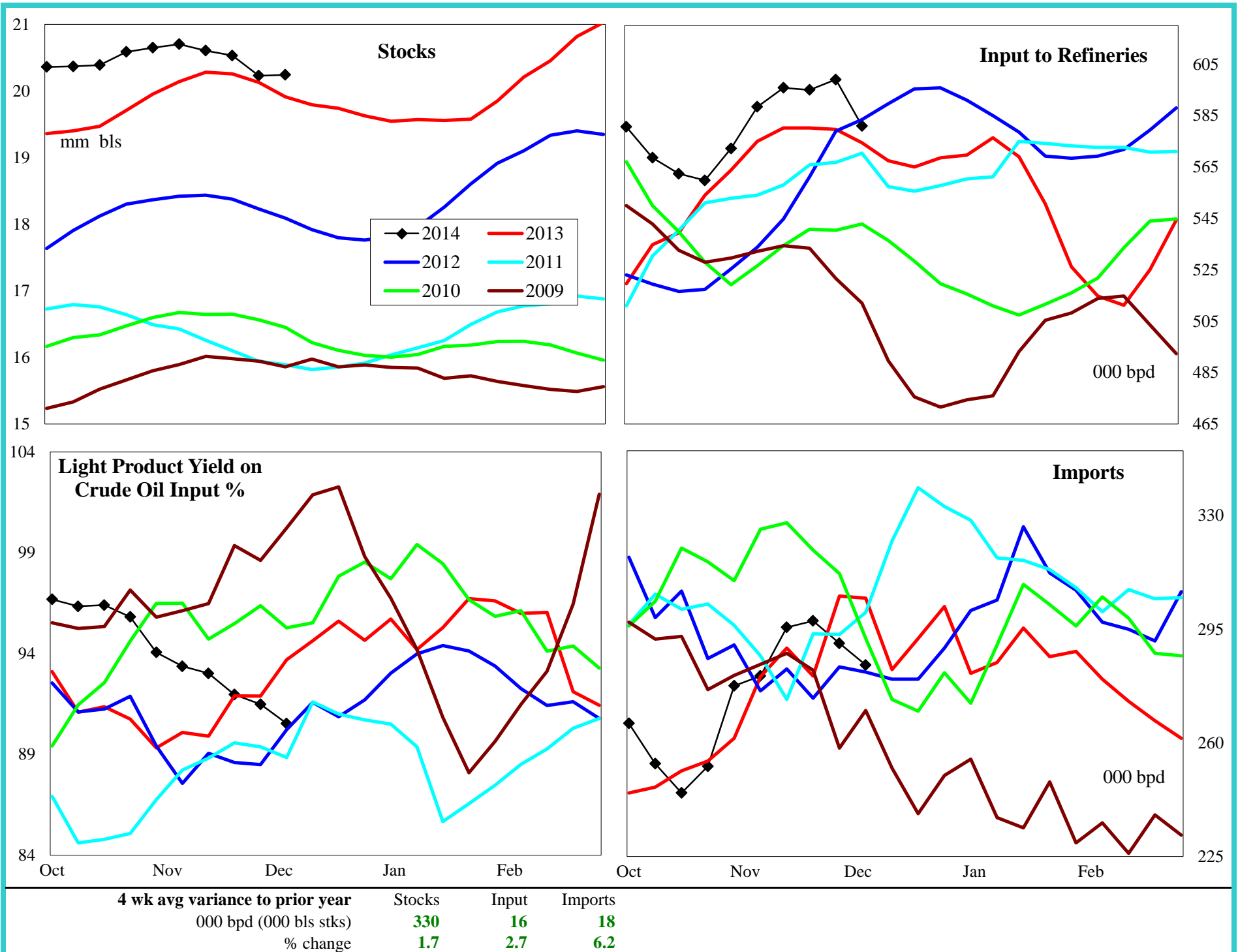
PADD 3 Jet Fuel Supply



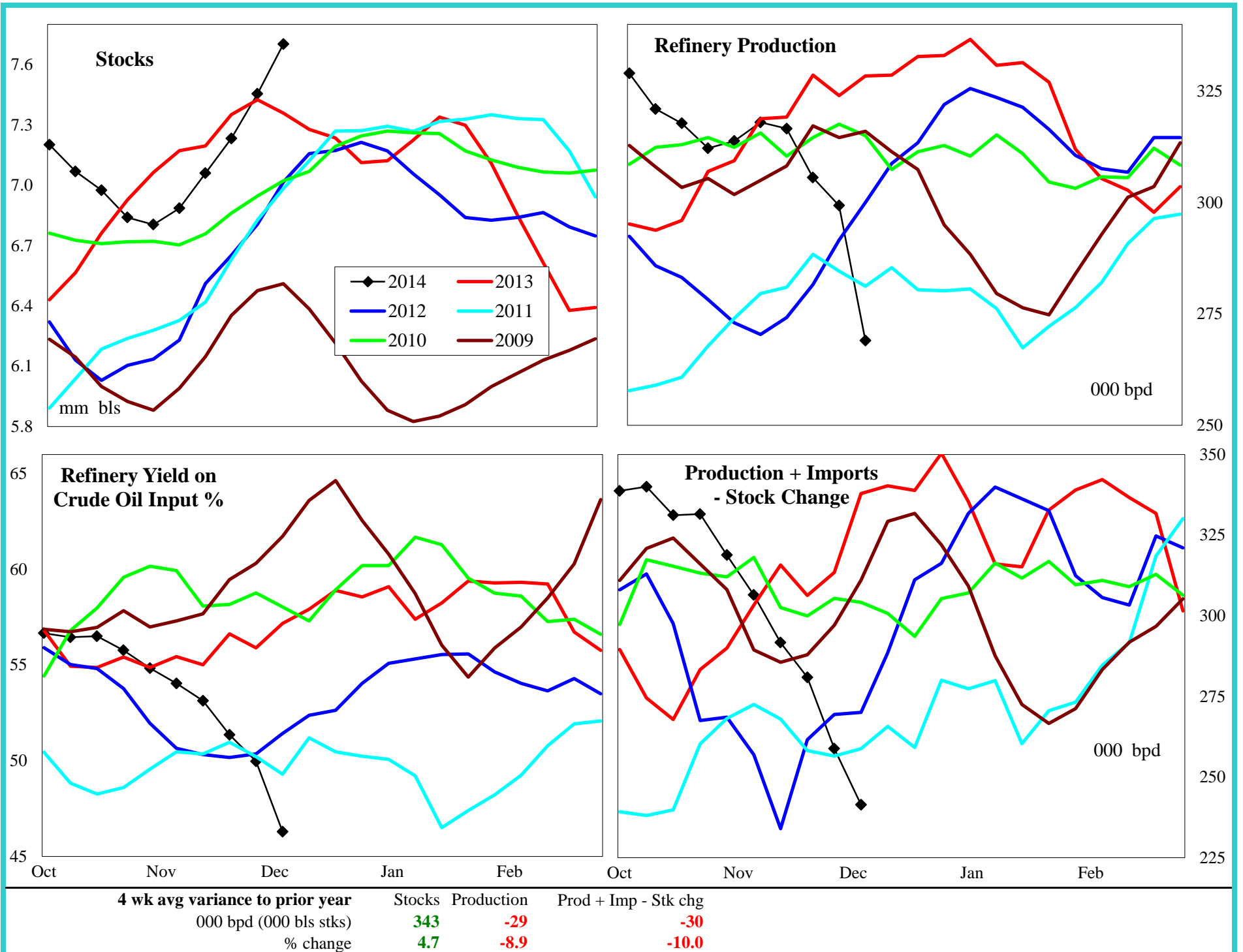
PADD 3 Residual Fuel Oil Supply



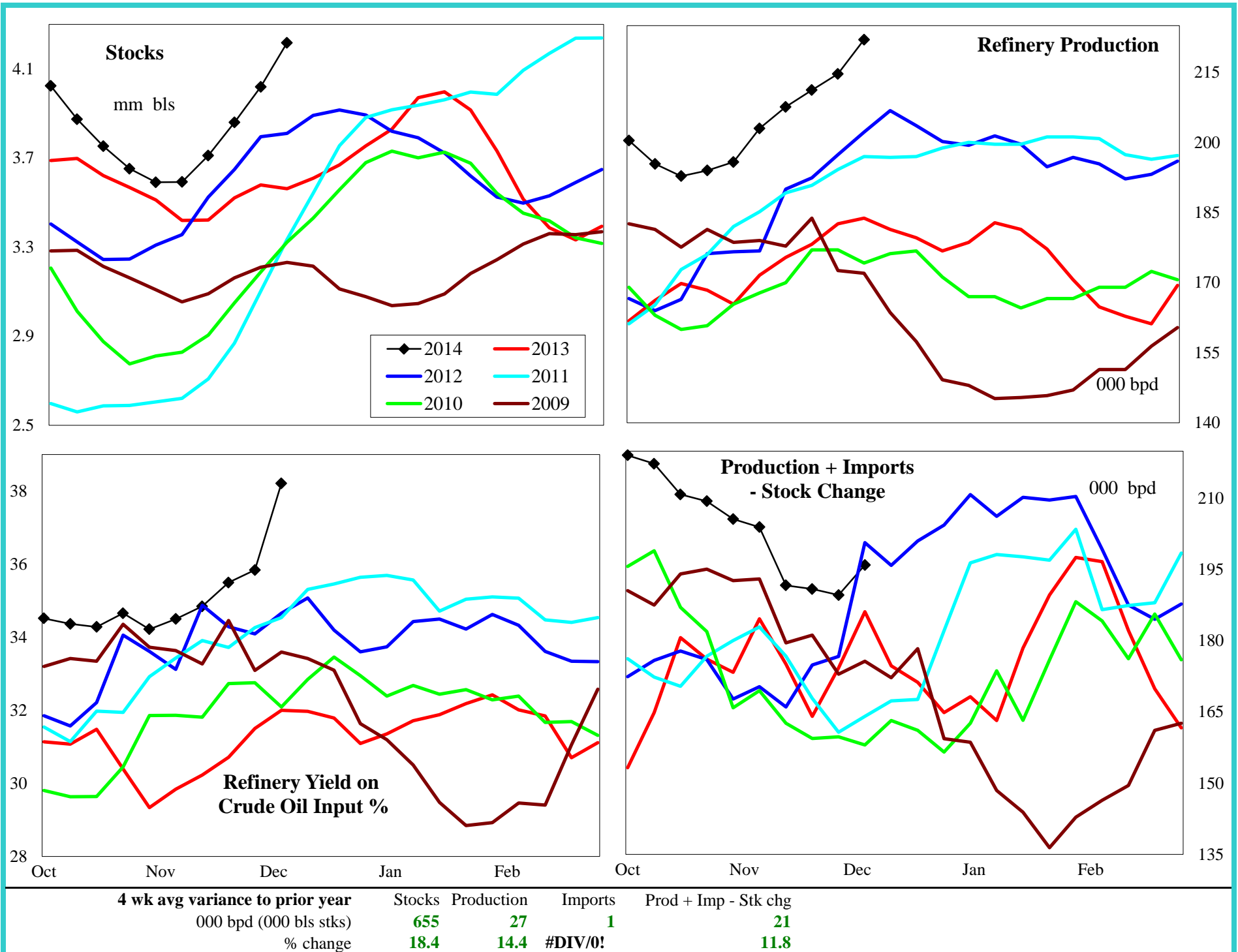
PADD 4 Crude Oil Supply and Refining



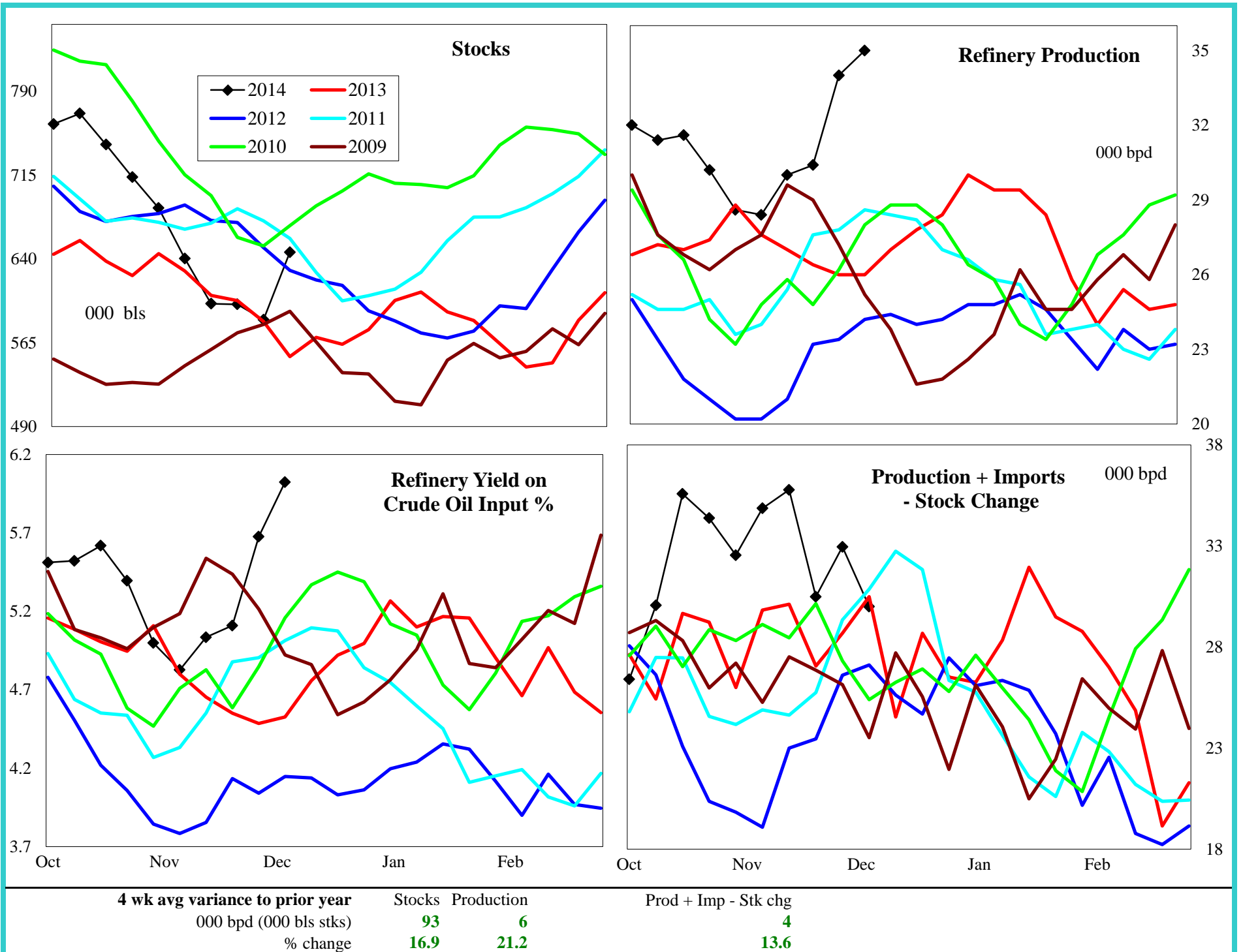
PADD 4 Gasoline Supply



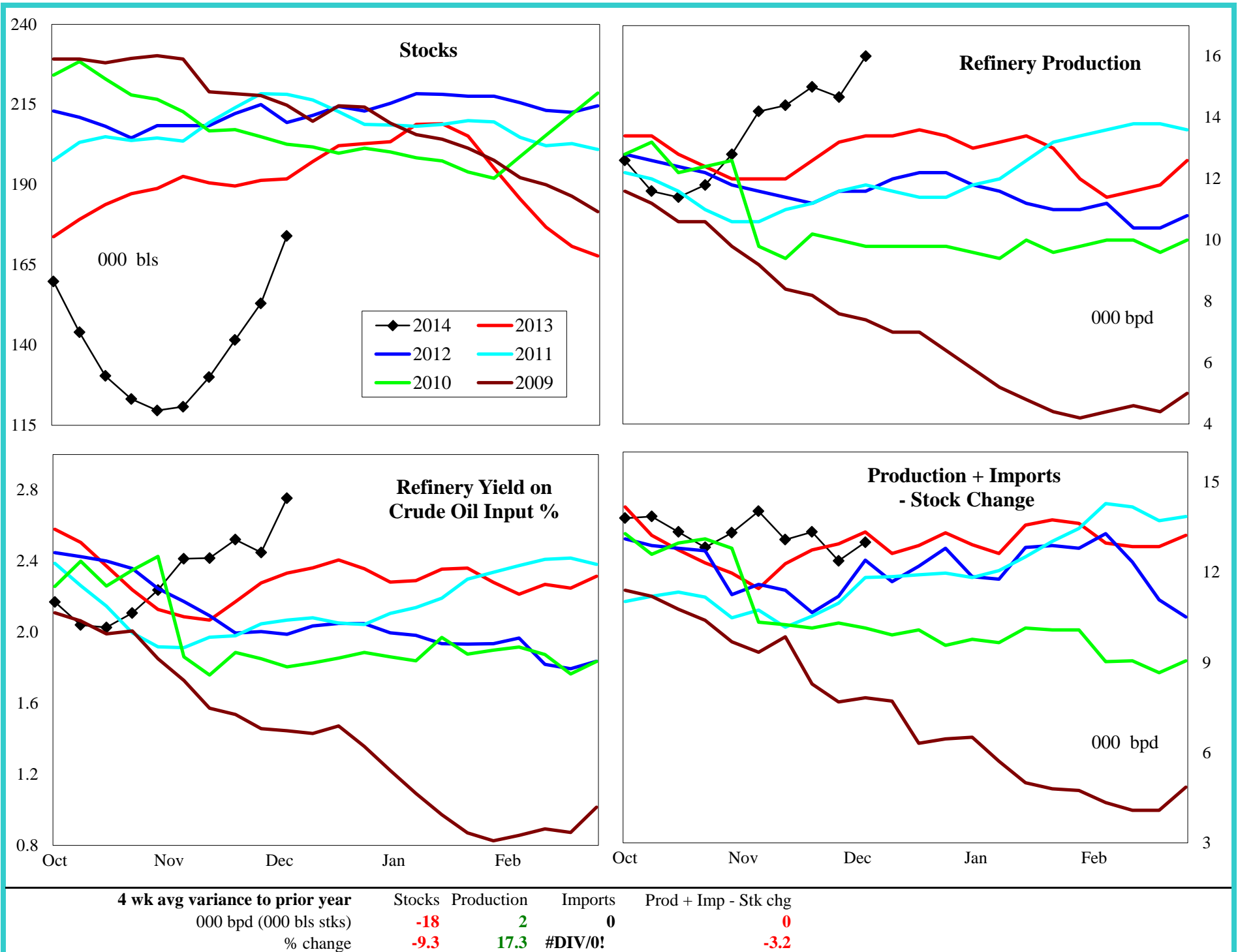
PADD 4 Distillate Supply



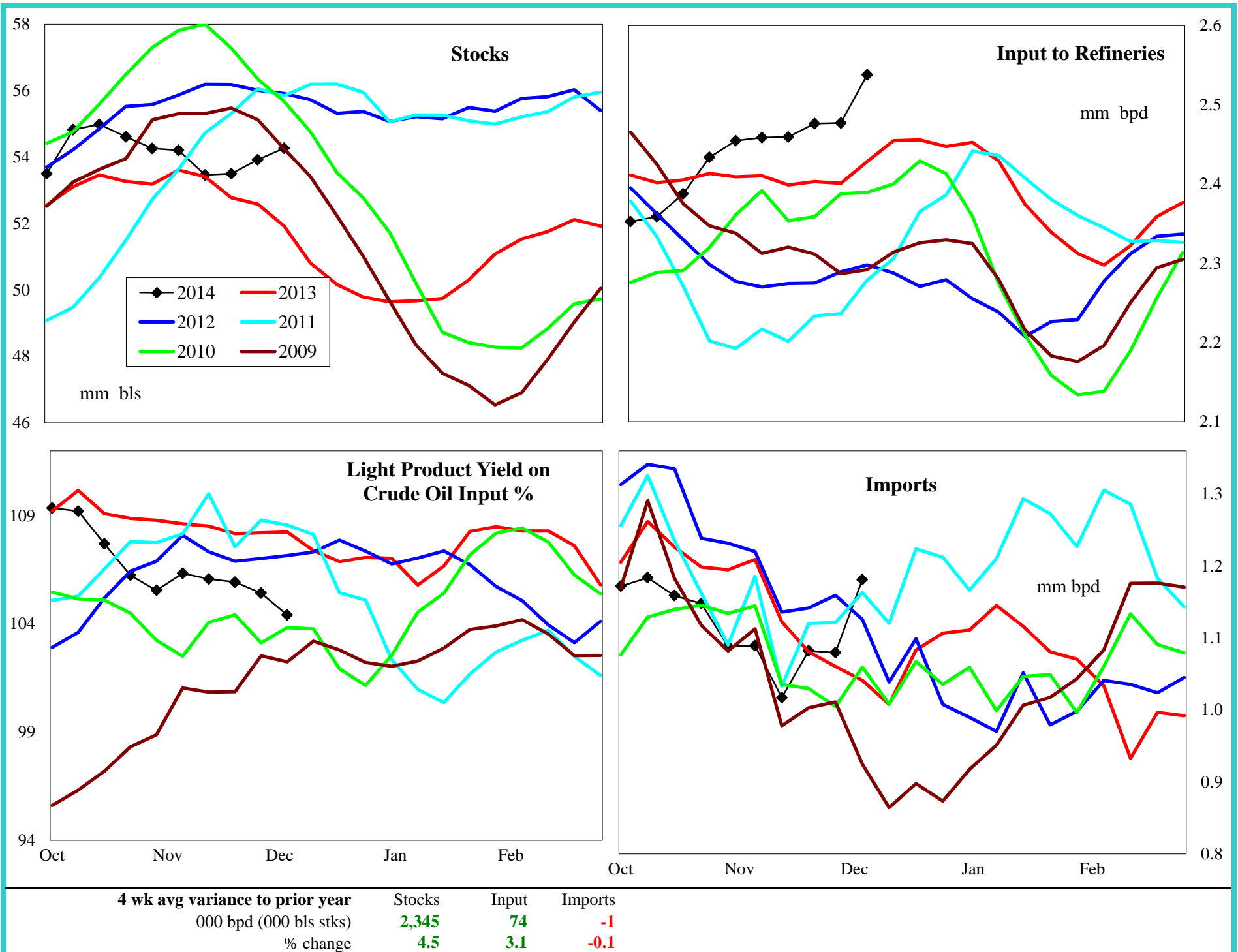
PADD 4 Jet Fuel Supply



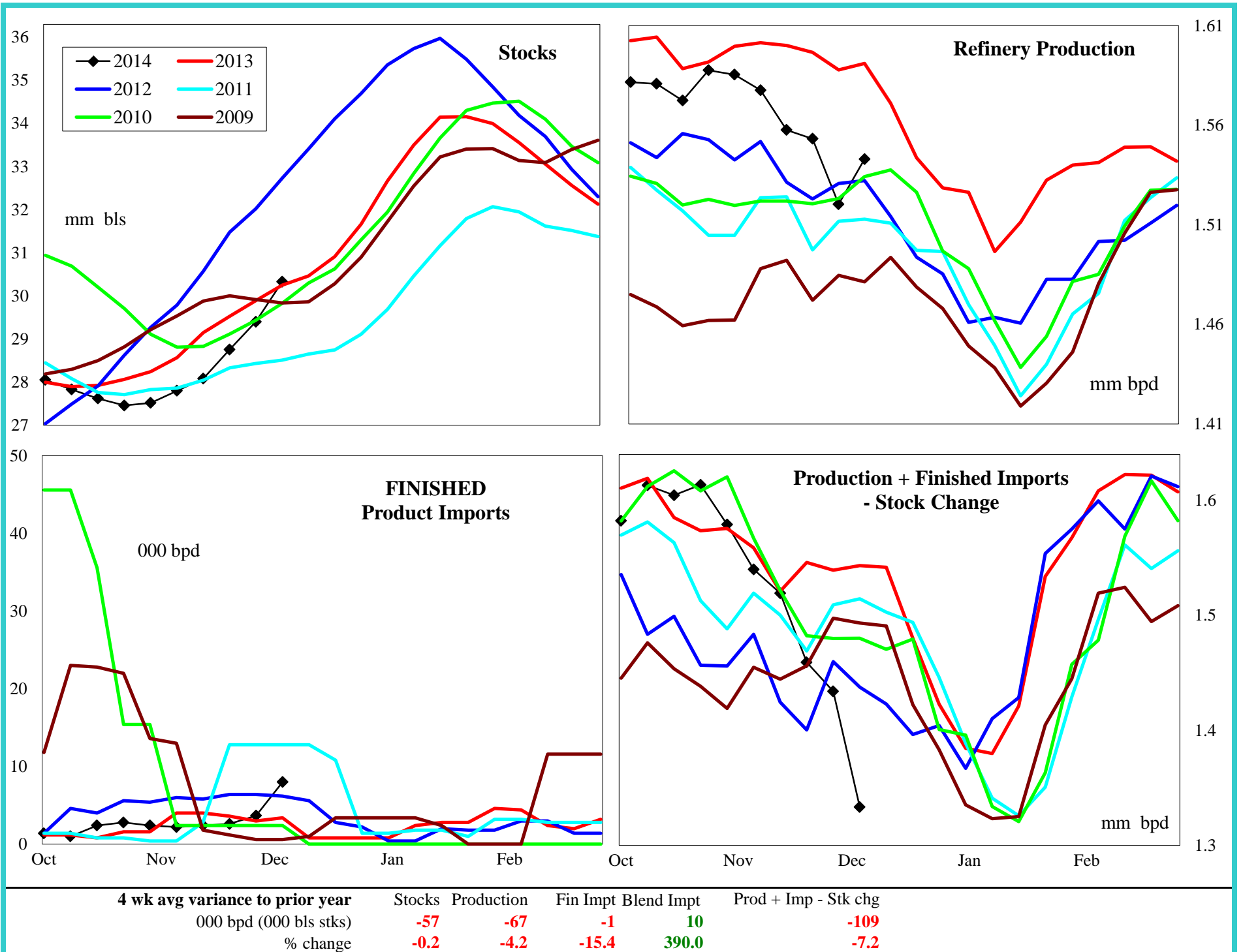
PADD 4 Residual Fuel Oil Supply



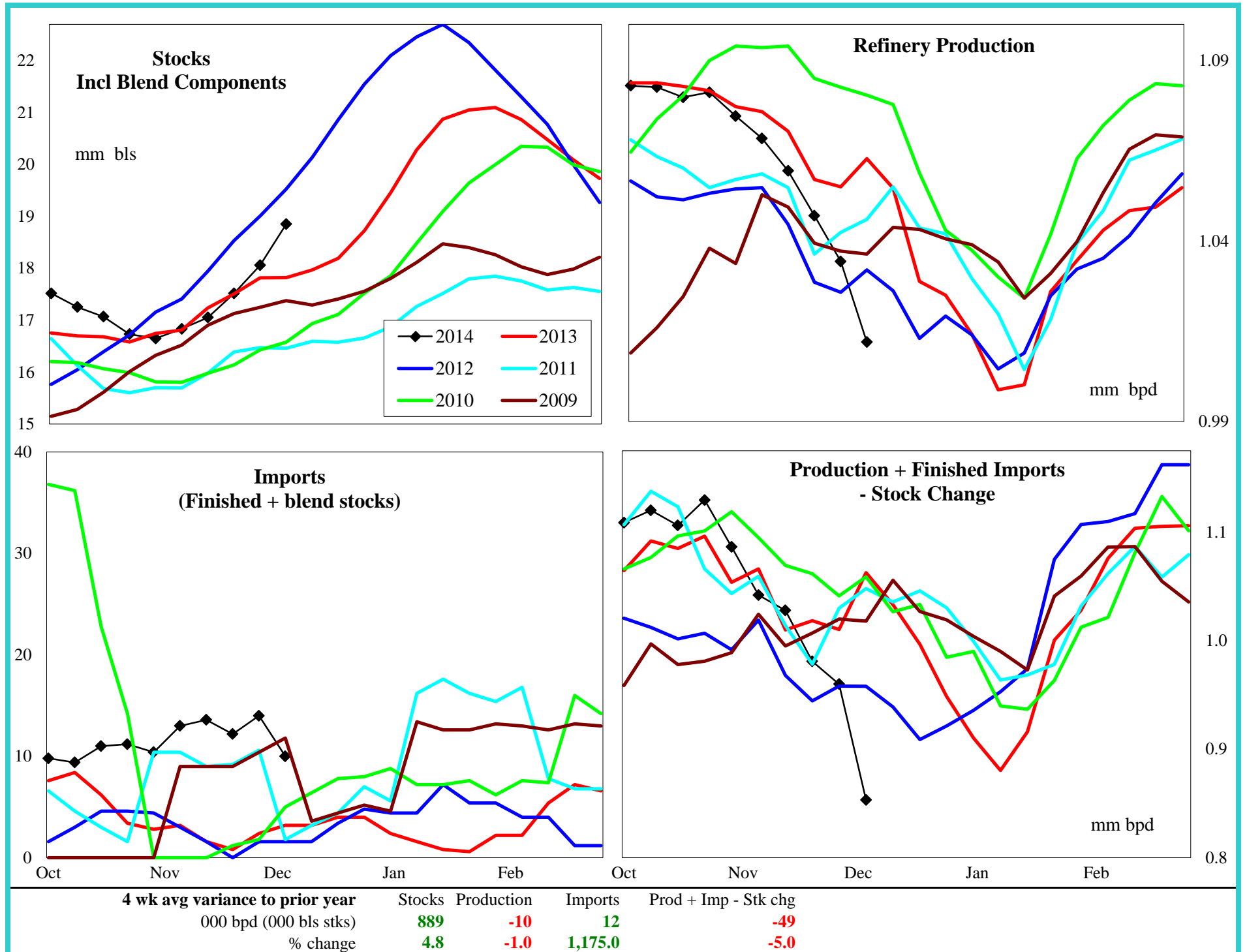
PADD 5 Crude Oil Supply and Refining



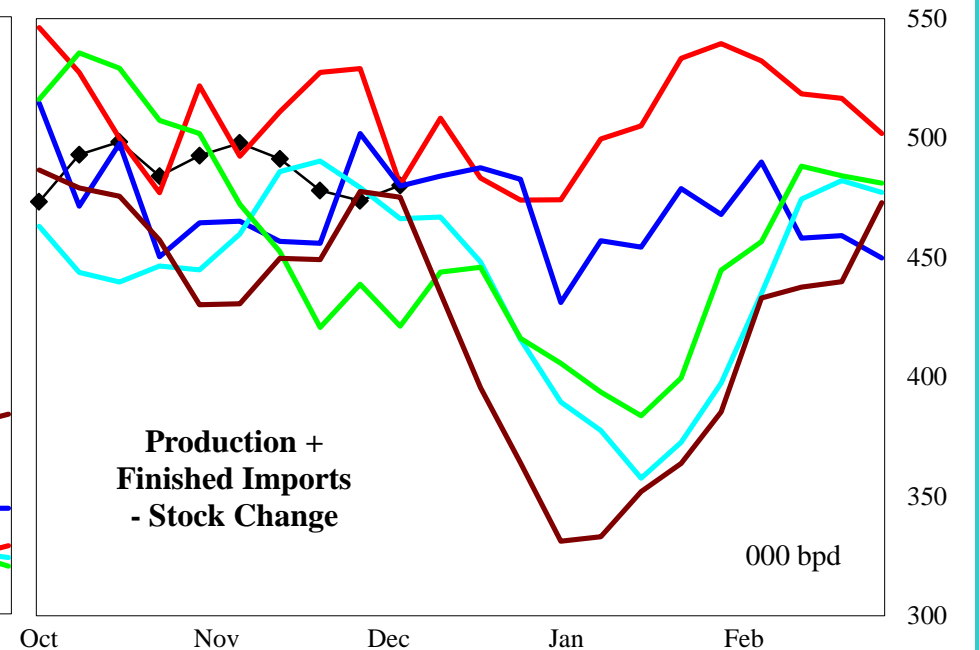
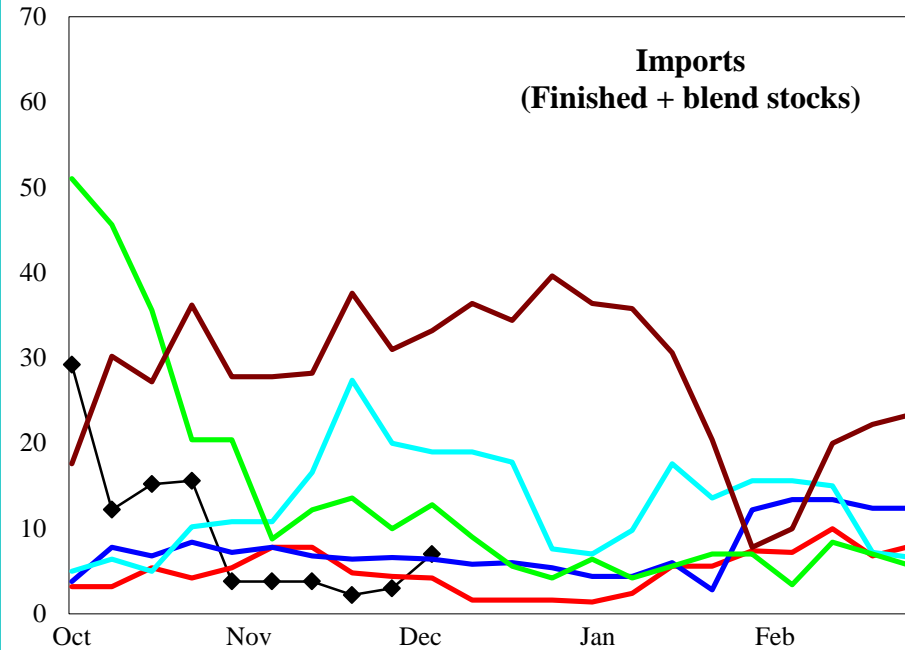
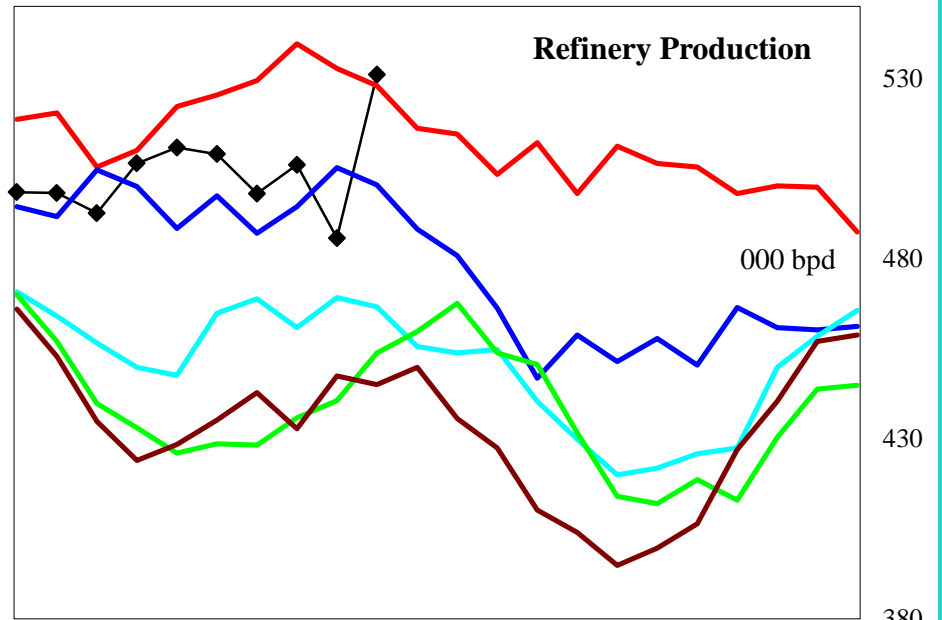
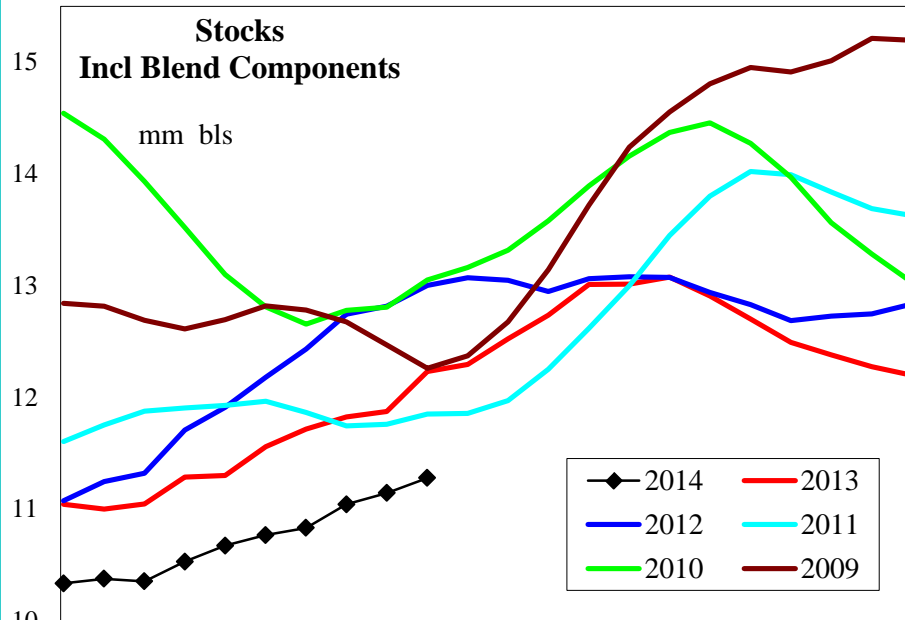
PADD 5 Gasoline Supply



PADD 5 Reformulated Gasoline Supply



PADD 5 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-946

-8.1

Production

-57

-10.4

Imports

-3

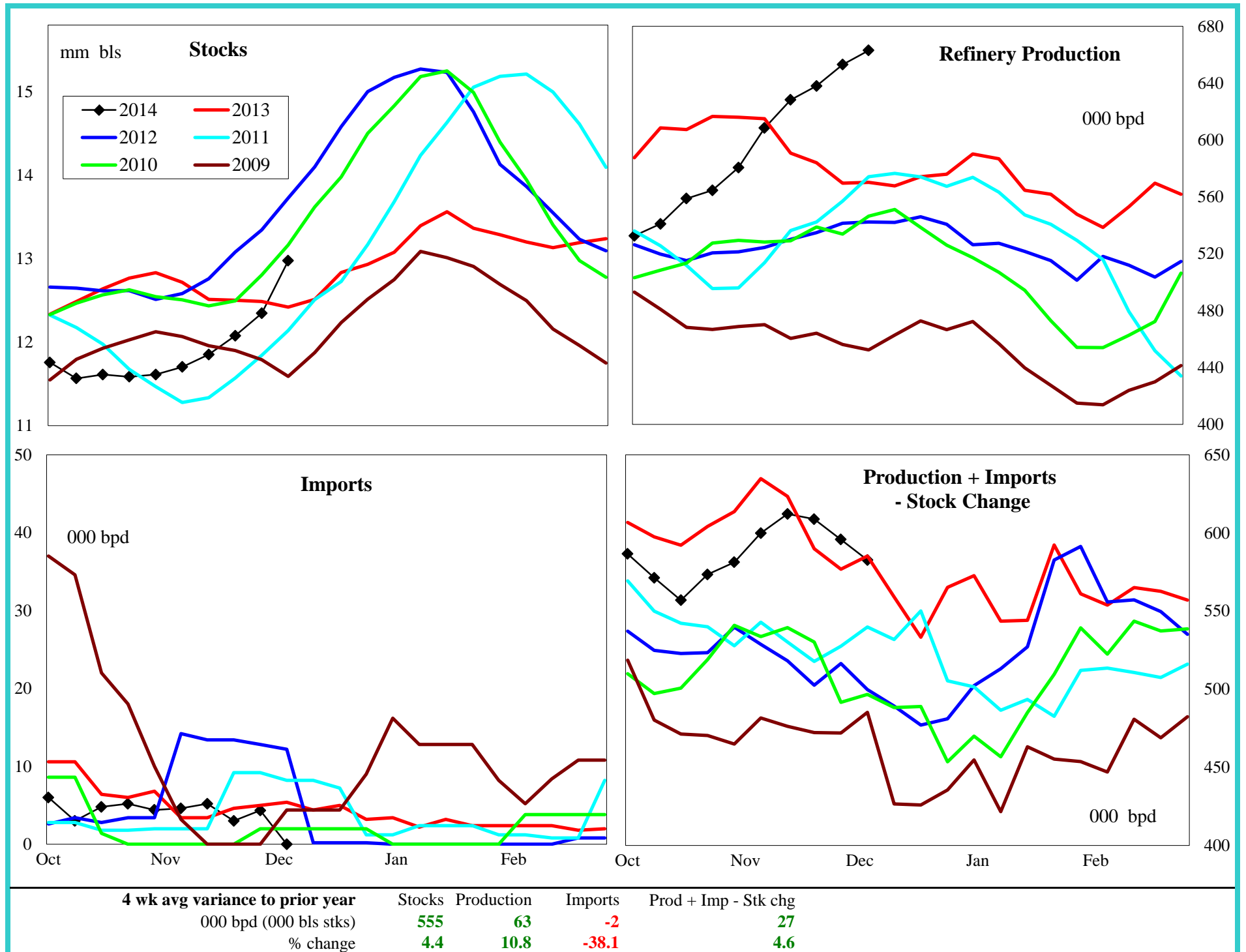
-52.6

Prod + Imp - Stk chg

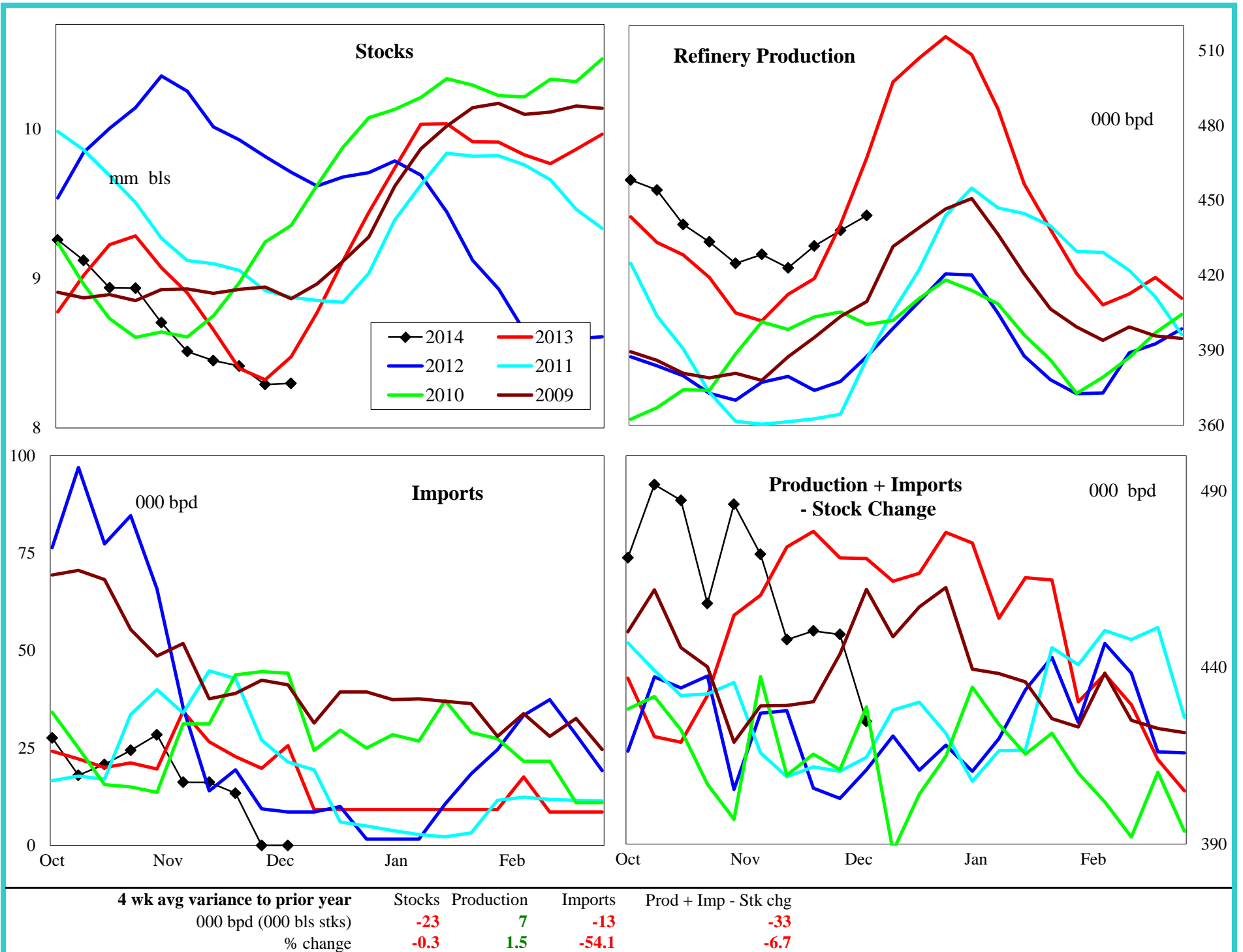
-60

-11.3

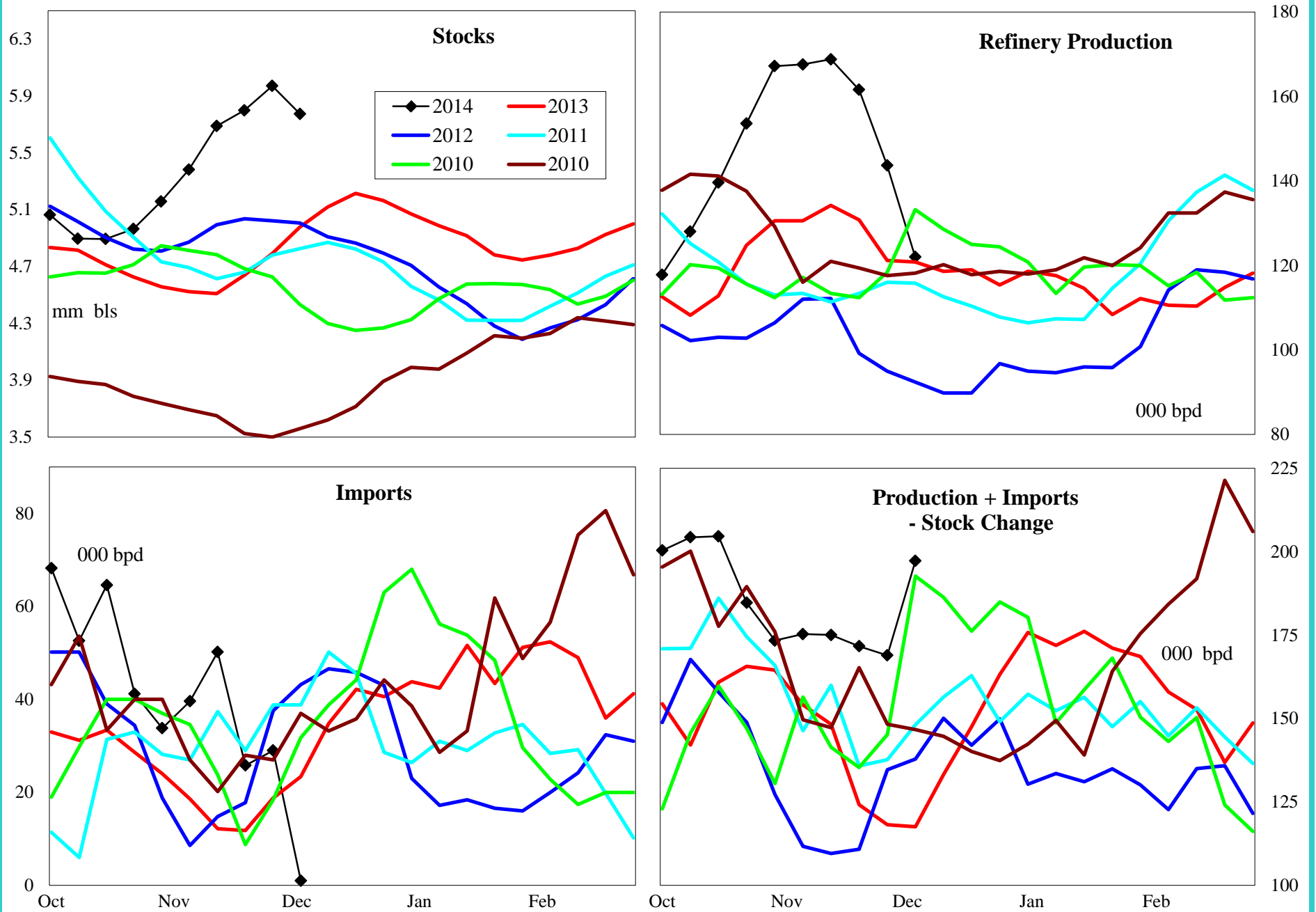
PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

796

31

22

58

16.0

24.9

200.0

50.0