



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

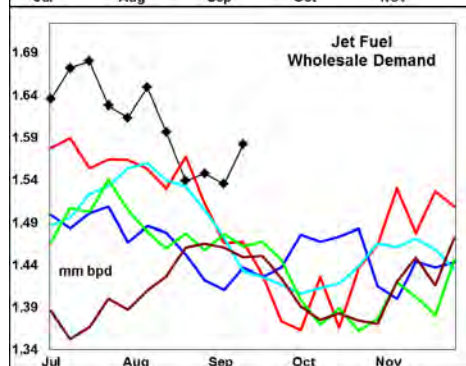
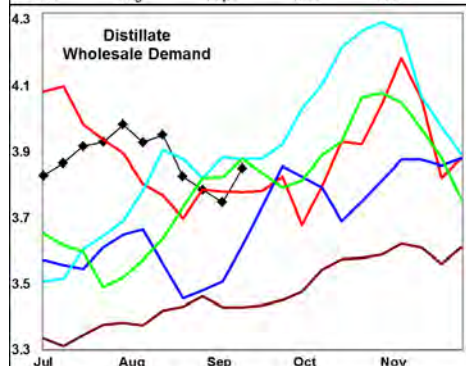
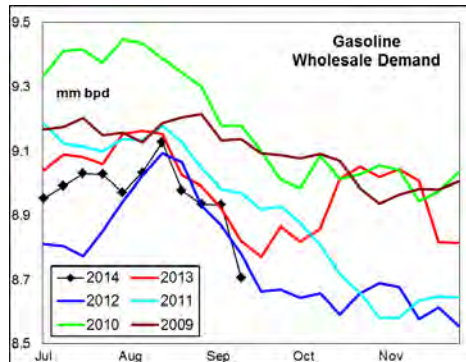
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, September 17,



Major Fundamental Trends¹

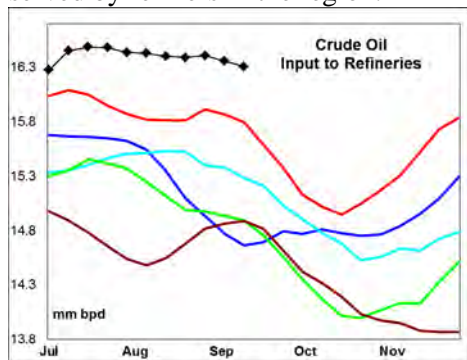
Combined transport fuel wholesale demand rebounded +0.7 million barrels from the holiday shortened prior week. However, during the latest 4-wk period gasoline and distillate demand remain little changed from year ago levels. Jet fuel demand increased over +5%.



Gasoline imports were unusually low last week, reflecting the very ample supplies on the East Coast. Look for a modest rebound in imports and seasonal stock builds on the reduced level of wholesale demand to keep markets East of the Rockies well

supplied over the next quarter. Above average maintenance may lead to modest tightness in some inland markets.

The lack of weather disruptions to refining in the Gulf region has also contributed to well supplied markets served by refiners in the region.



The fall refinery maintenance season is set to begin in the very near term and should lead to crude oil input falling to near the average of the last 2-yrs.

Wholesale Demand for combined transport fuels increased +0.7 million bpd last week; rebounding from the holiday shortened prior week.

Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +0.4%; distillate was -2.6% lower; jet fuel increased +5.4%, and residual fuel decreased -32%.

Stocks forward coverage: Gasoline demand coverage decreased on a -1.6 million barrel stock build and higher wholesale demand. Coverage ended the week at a level equal to the 3-yr mid range.

Distillate coverage increased on a +0.3 million barrel stock build, driven by higher imports. Coverage ended the week at a level comparable to the last 2-yrs.

Jet fuel coverage jumped on a consecutive weekly +2 million barrel stock build, the result of imports 3X times the historic average.

Residual fuel oil coverage fell on a surge in wholesale demand and lower stocks, but the level remains sharply above the historic range.

Refinery utilization rates decreased on

a -28,000 bpd drop in crude oil runs last week. During the latest 4-wk period crude oil input was +473,000 bpd above a year ago.

Gasoline yield % on crude oil runs increased last week on a +0.2 million bpd rise in output compared to the -28,000 bpd decrease in crude oil runs. Yield % on crude oil runs remains at a record low level.

Distillate yield % on crude oil runs fell last week, on a -191,000 bpd decline in output compared to the smaller decrease in crude oil runs. The yield % on crude oil runs ended the week below each of the last 2-yrs.

Jet fuel yield % on crude oil runs was at a record high level with production up +5% over last year's record highs.

Petroleum Imports/Exports: Imports of jet fuel spiked last week to 300,000 bpd, compared to an average of 100,000 bpd for this time of year. Gasoline imports fell below the 5-yr range while distillate imports were above each of the last 3-yrs.

During the latest 4-wk period crude oil imports were -0.3 million bpd below last year; distillate imports were +9,000 bpd higher; finished gasoline imports were -6,000 bpd lower; gasoline blend stock imports were -17,000 bpd lower; while jet fuel imports increased +15,000 bpd.

Exports of distillate for the week ending 22Aug14 were -56,000 bpd below a year ago, gasoline +15,000 bpd, jet fuel -9,000 bpd and residual fuel oil declined -10,000 bpd.

Crude Oil stocks increased +3.7 million barrels last week, concentrated on the East and West Coasts. Stocks saw a -0.4 million barrel draw in Cushing.

¹ Source is latest EIA Weekly Statistics



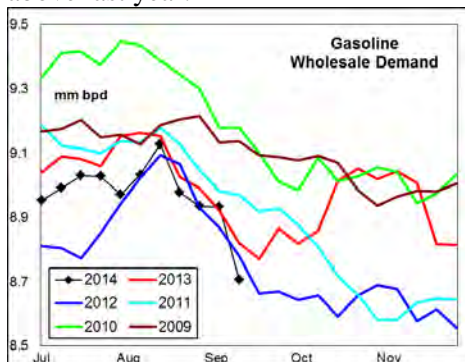
WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

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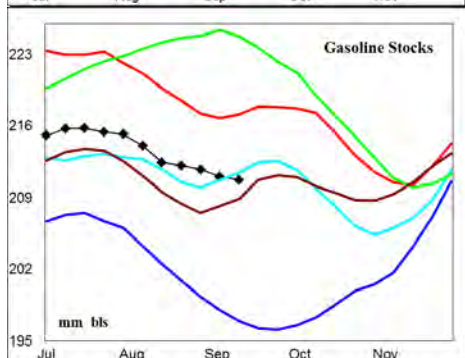
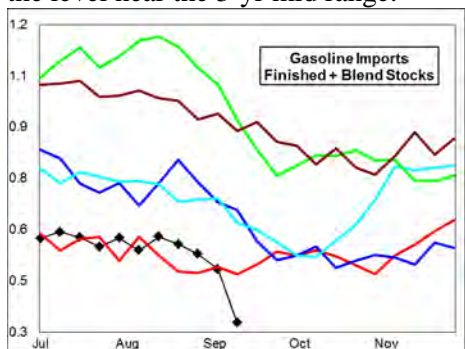
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Product Supply-Demand Trends

Gasoline wholesale demand increased +0.1 million barrels on the week, with the level reflecting the sharp end of summer decline. The latest 4-wk average demand was +35,000 bpd above last year.

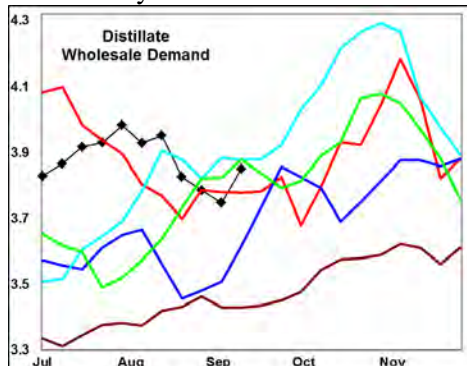


Supply increased +0.2 million bpd last week on higher production. Supply for the latest 4-wk period was +94,000 bpd above a year ago. Stocks declined -1.6 million barrels on the week, with the level near the 3-yr mid range.

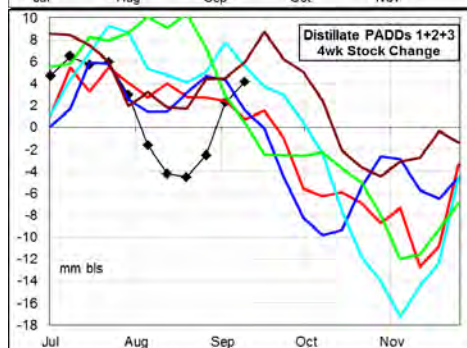
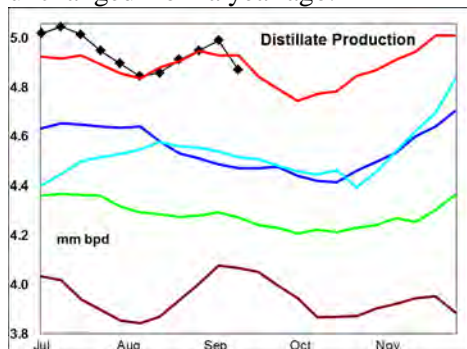


Look for stocks to build during the next month, on lower seasonal demand that more than offsets the start of fall refinery maintenance. Then a stock draw as maintenance peaks early in the 4th quarter. High stock levels in the East, Gulf Coast and Rocky Mountain regions point to continued over supply.

Distillate wholesale demand rebounded from the holiday shortened week, increasing +0.4 million bpd. The latest 4-wk average demand was -99,000 bpd below last year.



Supply fell -118,000 bpd on the week, with the latest 4-wk average unchanged from a year ago.

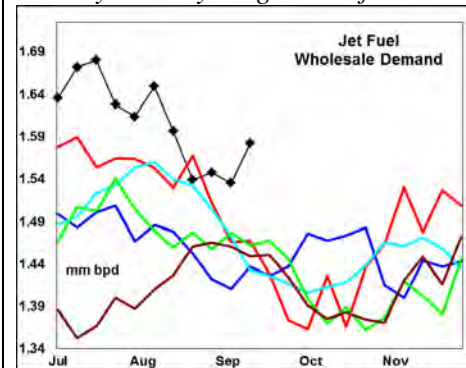


The latest 4-wk stock change in markets East of the Rockies was a +4.2 million barrel build, compared to an average build of +2.5 million barrels. A slowdown in distillate exports could lead to continued above average stock building during the fall quarter; driving an improvement in the supply balance.

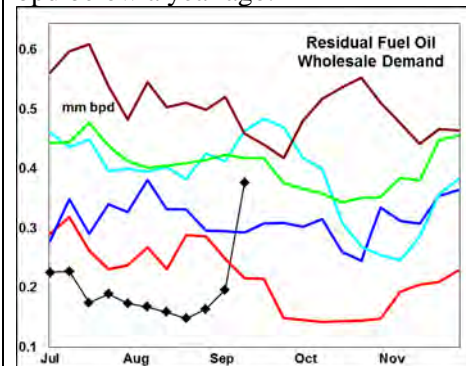
Jet Fuel wholesale demand climbed +165,000 bpd last week, to a level above the 5-yr range. Production for

the most recent 4-wk period increased +83,000 bpd compared to last year. Imports were nearly 300,000 bpd last week, compared to an average of 100,000 bpd. Stocks increased +2 million barrels for the 2nd consecutive week. Stock levels remain -1 million barrels below the 5-yr range.

Record imports and production have improved the supply balance; although stock levels remain very low with a year-on-year growth of over +5



Residual fuel oil demand surged +264,000 bpd on the week. Demand for the latest 4-wk period was -95,000 bpd below a year ago.



Supply (production + imports) declined -78,000 bpd on lower production and imports. Production was +18,000 bpd above a year ago for the latest 4-wk period, while imports were +33,000 bpd higher. Stock levels match 3-yr highs for the period.

Look for a sharp drop in wholesale demand, which likely included some exports. Stock levels remain extremely high in the key Gulf Region.



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

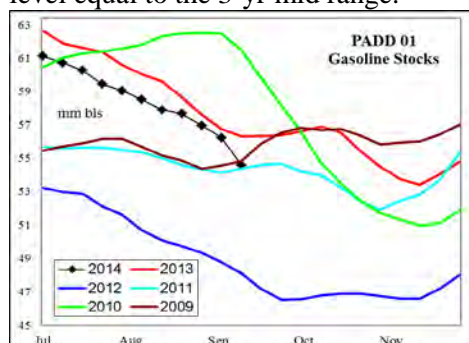
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PADD Supply Trends

PADD 1 refinery crude oil runs climbed +136,000 bpd on the week, to a level that matched 3-yr highs for the period.

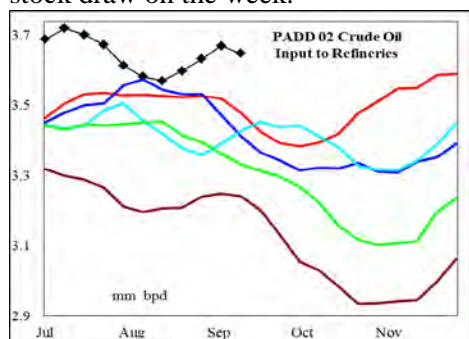
Gasoline supply fell -112,000 bpd on lower production. Stocks fell -2.5 million barrels last week, ending at a level equal to the 3-yr mid range.



Distillate supply increased +117,000 bpd last week, with the 4-wk average -71,000 bpd below last year. Stocks increased +0.5 million barrels, driven by near record imports.

Jet fuel imports were 200,000 bpd versus an average of 40,000 bpd.

PADD 2 crude oil refinery runs declined -63,000 bpd last week, with the latest 4-wk average +131,000 bpd above last year. Crude oil stocks increased +0.7 million barrels for the week to a level -9% below last year. Cushing saw a +0.4 million barrel stock draw on the week.



Gasoline supply increased +31,000 bpd on the week. Production for the most recent 4-wk period was +0.3 million bpd above a year ago – driven by the EIA recording sub octane product shipped into the Midwest as finished product production when blended with ethanol. Stocks decreased -0.2 million barrels on the week, to a level that

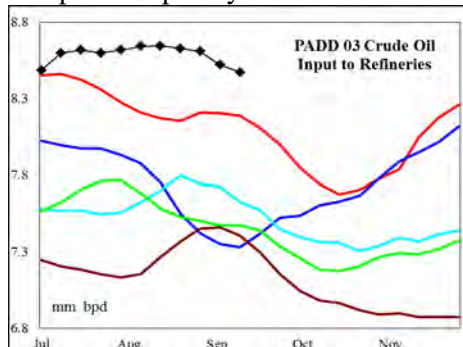
matched 5-yr lows.

Distillate supply fell -77,000 bpd on the week, with the 4-wk average +21,000 bpd above a year ago. Stock levels ended the week equal to the average of the last 2-wks.

Jet fuel production ended at a level equal to the 3-yr mid range. Stock levels matched last years' record lows.

PADD 3 refinery runs decreased -23,000 bpd last week, with the level well above the historic range. During the latest 4-wk period, average runs were +340,000 bpd above last year.

Crude oil stocks decreased -0.7 million barrels, due to record runs compared to prior years.



Gasoline supply declined -48,000 bpd last week, with the latest 4-wk average -39,000 bpd below a year ago. Stocks increased +0.5 million barrels on the week, to a level near the 3-yr mid range.

Distillate supply fell -120,000 bpd on the week, with the latest 4-wk average supply +64,000 bpd above last year. Stocks decreased -0.7 million barrels on the week, to a level that matched historic lows.

Jet fuel production decreased -23,000 bpd last week, although the level remains above the 5-yr range. Stocks jumped +1 million barrels on the week to a level +5% above record lows.

Residual fuel supply increased +29,000 bpd on the week, with the level equal to last year for the latest 4-wk period.

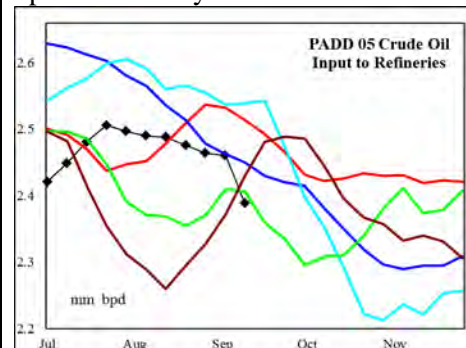
PADD 4 refinery crude runs increased +4,000 bpd last week, to a new record high level, up +63,00 bpd over last year.

Gasoline production declined -28,000 bpd, to a level just above the 5-yr range, with the latest 4-wk average +17,000 bpd above a year ago. Stocks increased +0.1 million barrels to a new record high level for the period.

Distillate supply was unchanged on the week, with the latest 4-wk supply +44,000 bpd above last year. Stocks climbed +0.5 million barrels on the week and are now +25% above the prior 5-yr high.

Jet fuel production declined -7,000 bpd on the week, to a level above the last 3-yrs. Stock levels matched historic lows.

PADD 5 crude oil refinery runs decreased -82,000 bpd last week, ending at a level below the historic range. The 4-wk run rate was -71,000 bpd below last year.

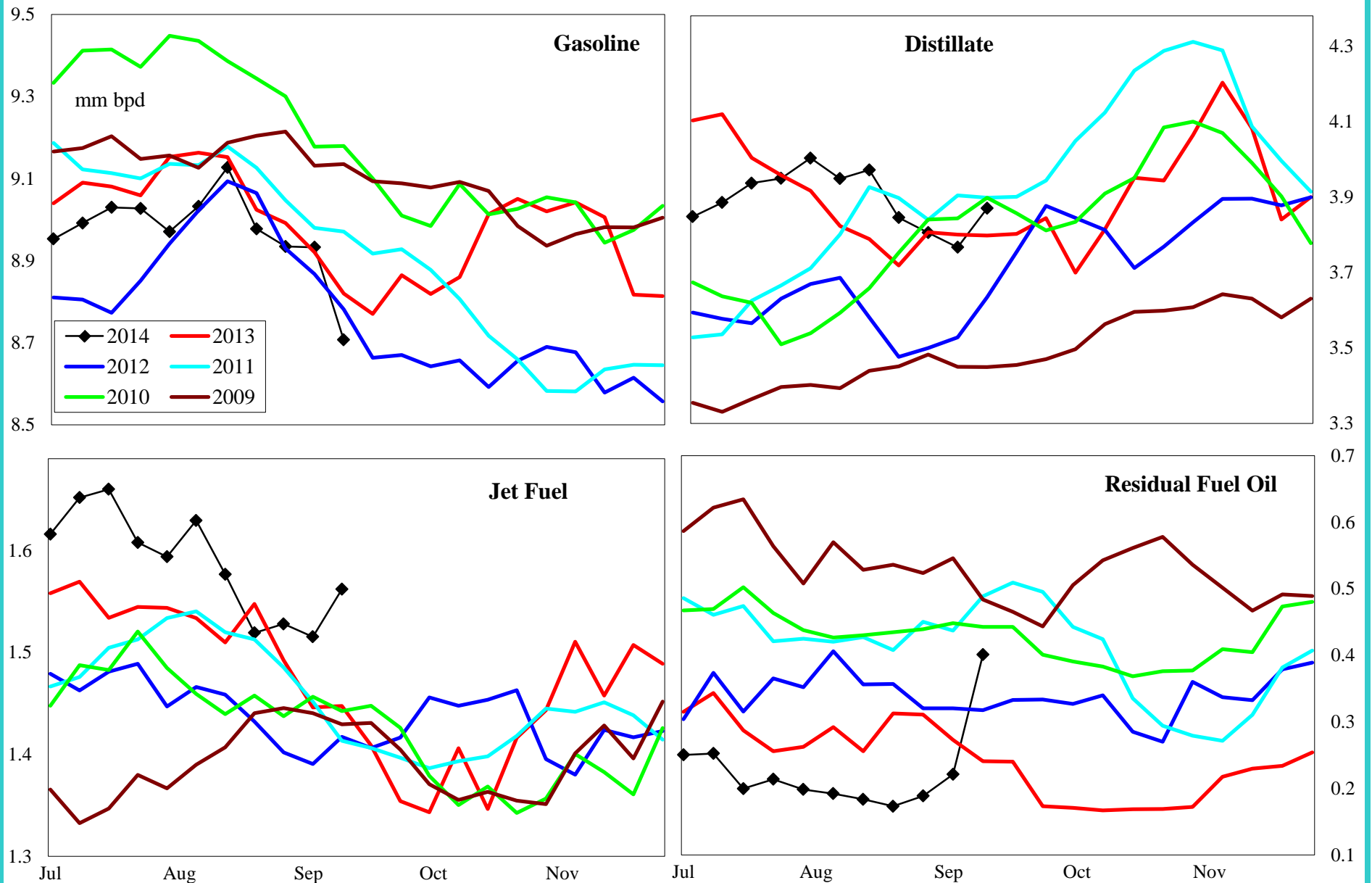


Gasoline supply fell -97,000 bpd on the week, with the 4-wk average +7,000 bpd above a year ago. Stocks increased +0.5 million barrels to a level below the 3-yr average.

Distillate supply declined -41,000 bpd on the week, to a level above the 3-yr average. The 4-wk average supply was -52,000 bpd below a year ago. Stocks declined -0.4 million barrels on the week, although the level remains at historic highs for this time of year.

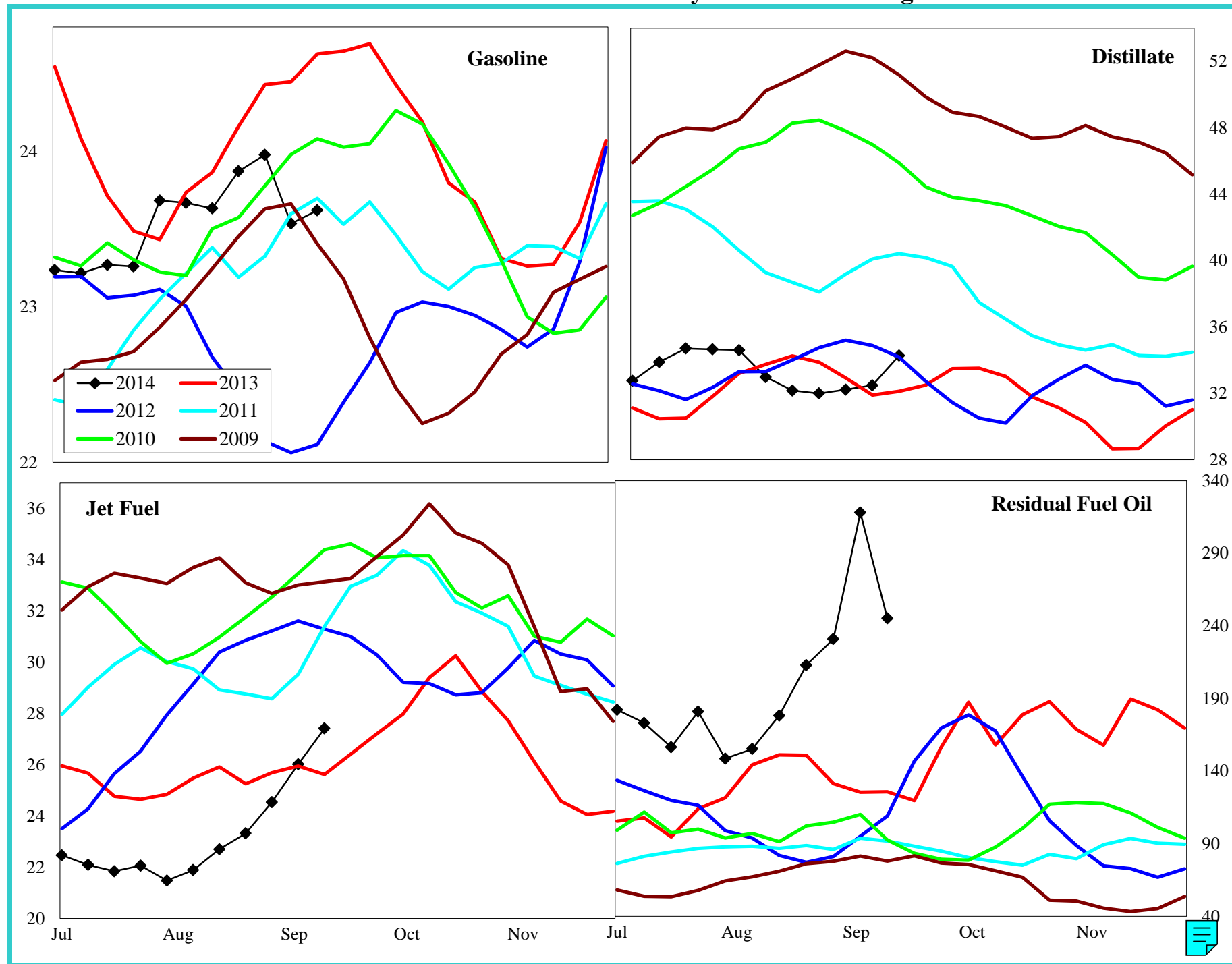
Jet fuel supply climbed +70,000 bpd on imports of 100,000 bpd. The latest 4-wk average supply was +24,000 bpd above last year. Stocks jumped +1.1 million barrels on record imports, lifting the level to near the 3-yr mid range.

United States Wholesale Petroleum Demand

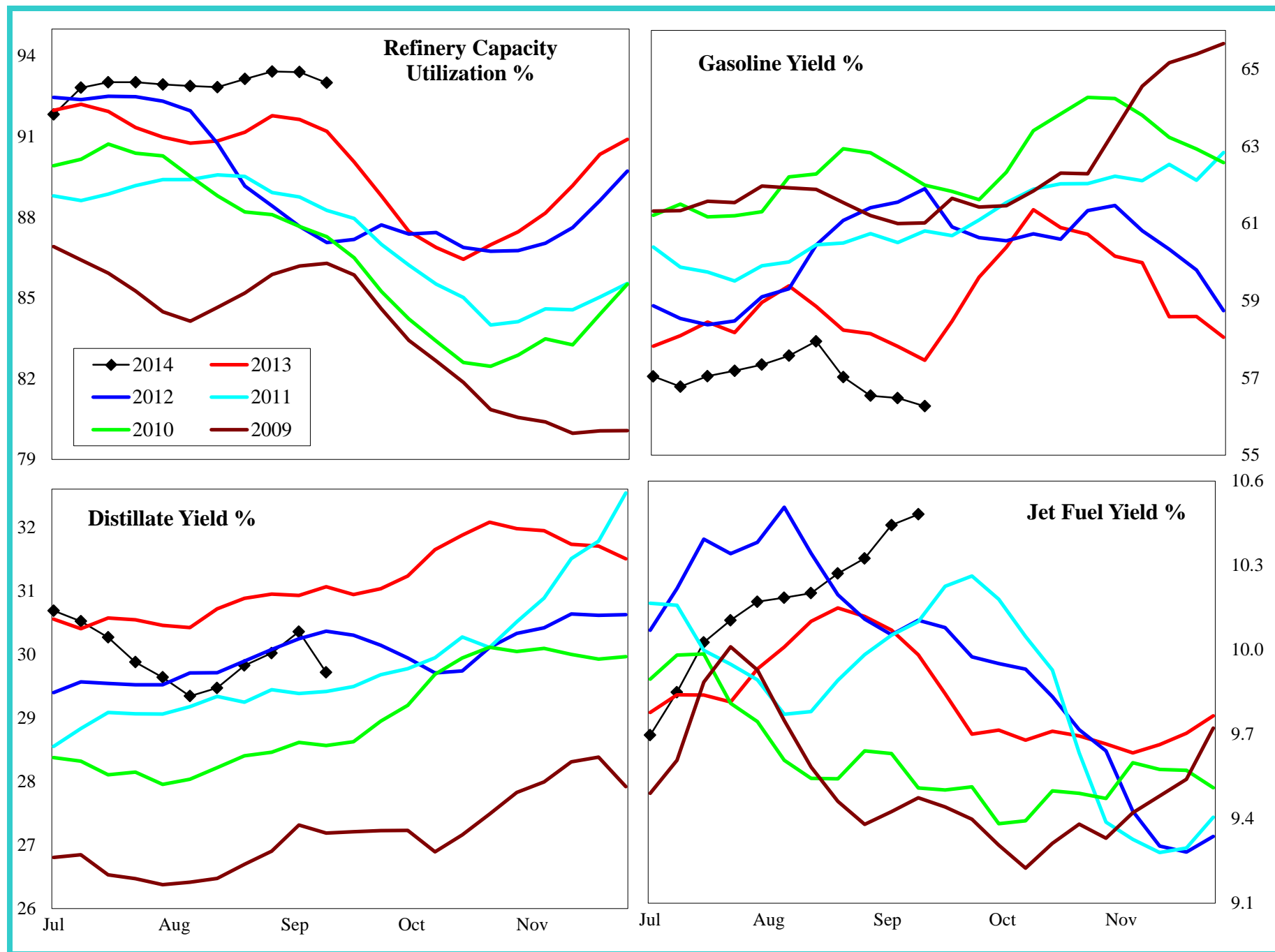


	000 bpd change from prior year				% change from prior year			
	4wk avg	Aug	Jan	Jan	4wk avg	Aug	Jul	Jun
Gasoline	35	-19	-2	69	0.4	-0.2	0.0	0.8
Distillate	-99	179	311	213	-2.6	4.8	8.7	5.8
Jet Fuel	81	45	131	129	5.4	3.0	8.6	9.0
Resid	-95	-221	-176	-42	-32.1	-54.8	-48.6	-13.9

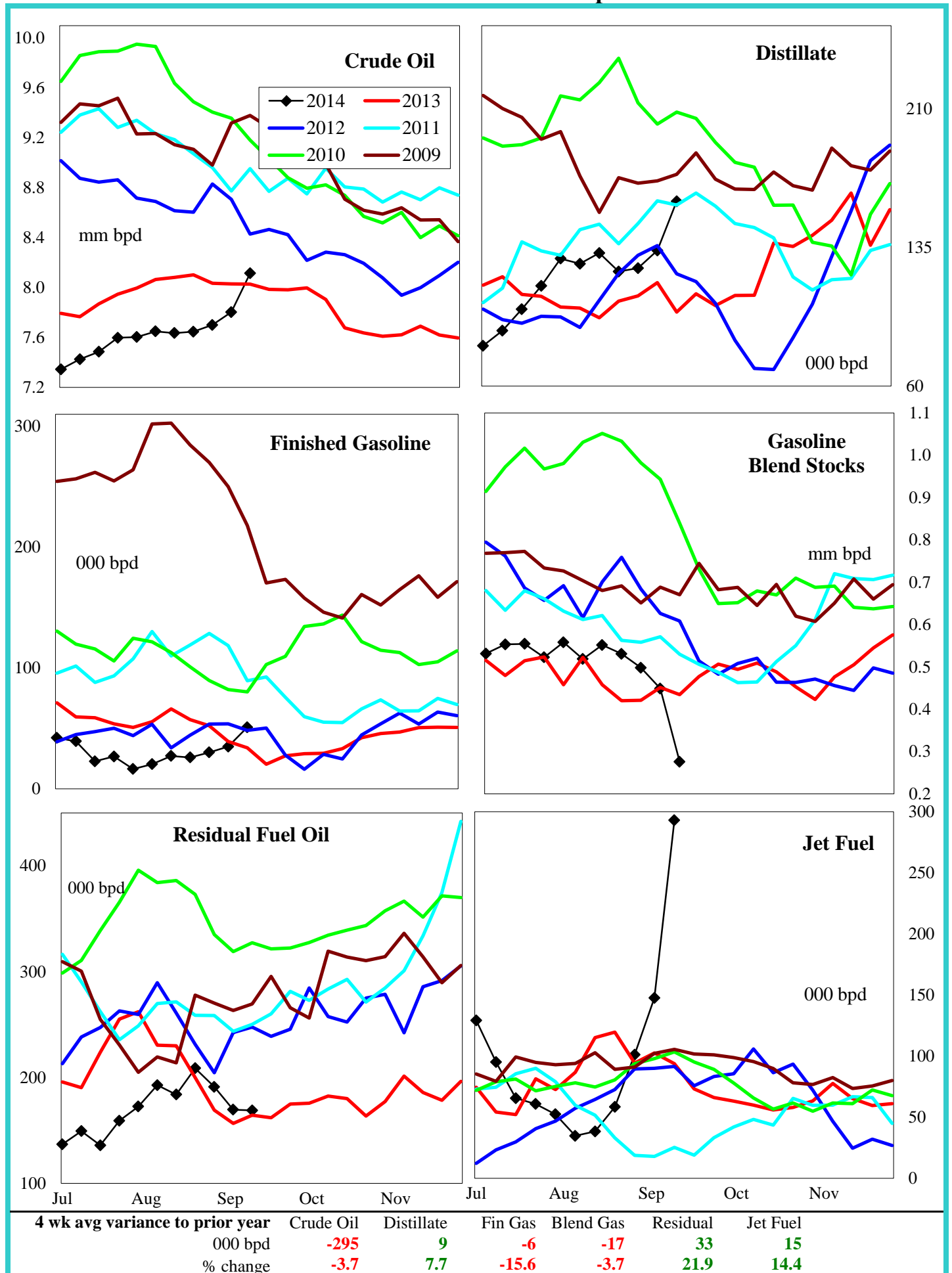


United States Product Stocks: Days Forward Coverage

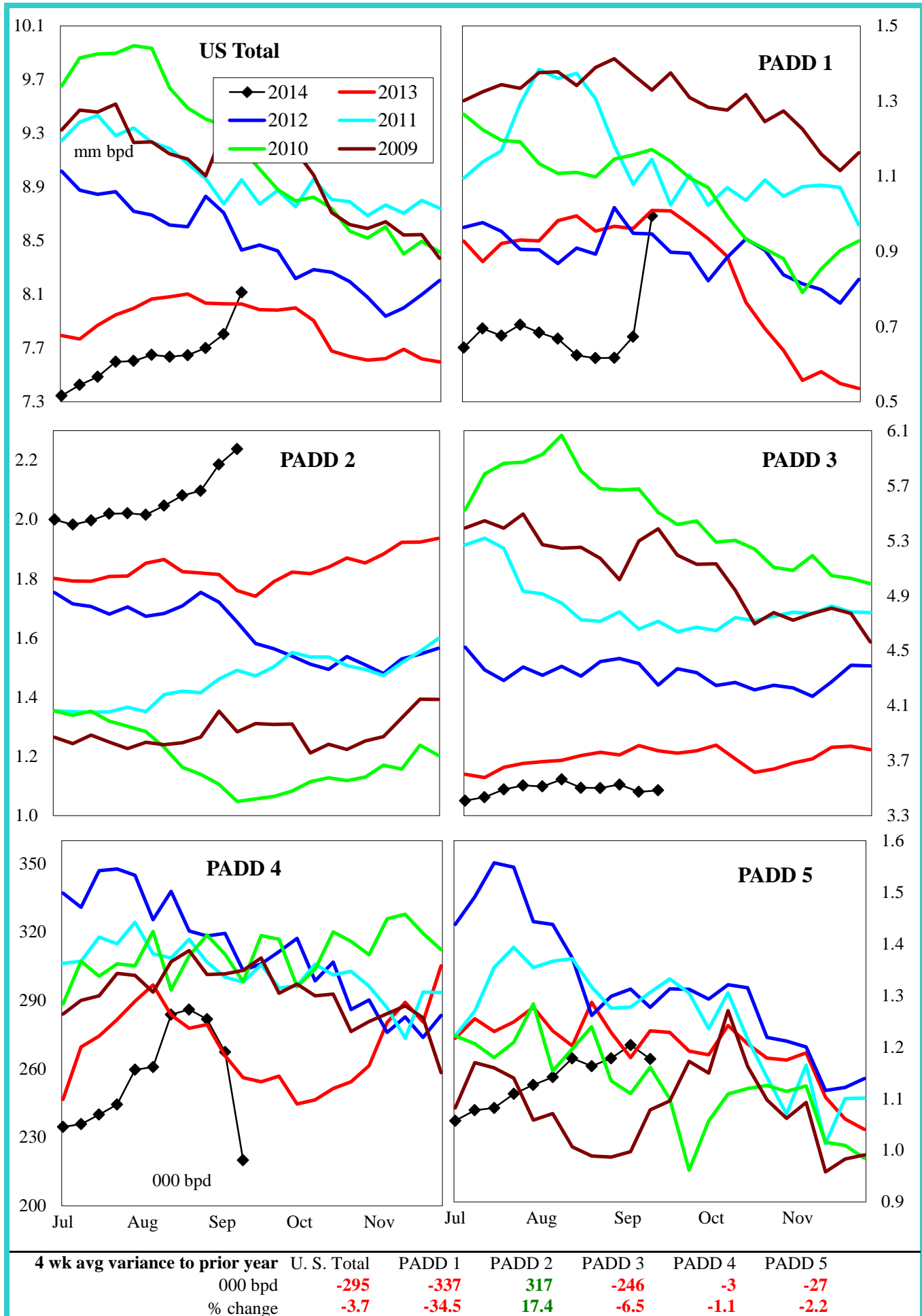
United States Refinery Percent Utilization Rate and Product Yields



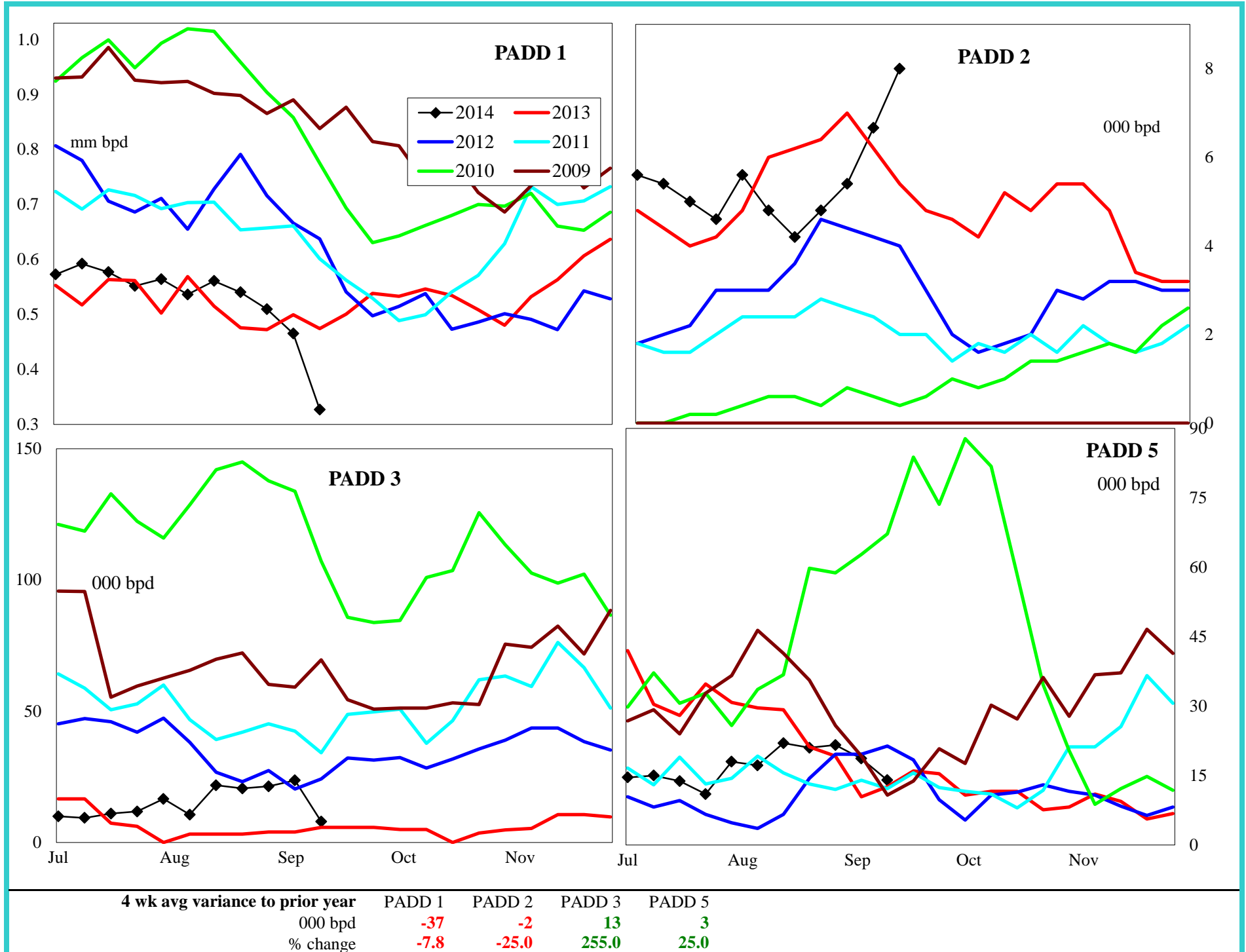
United States Petroleum Imports



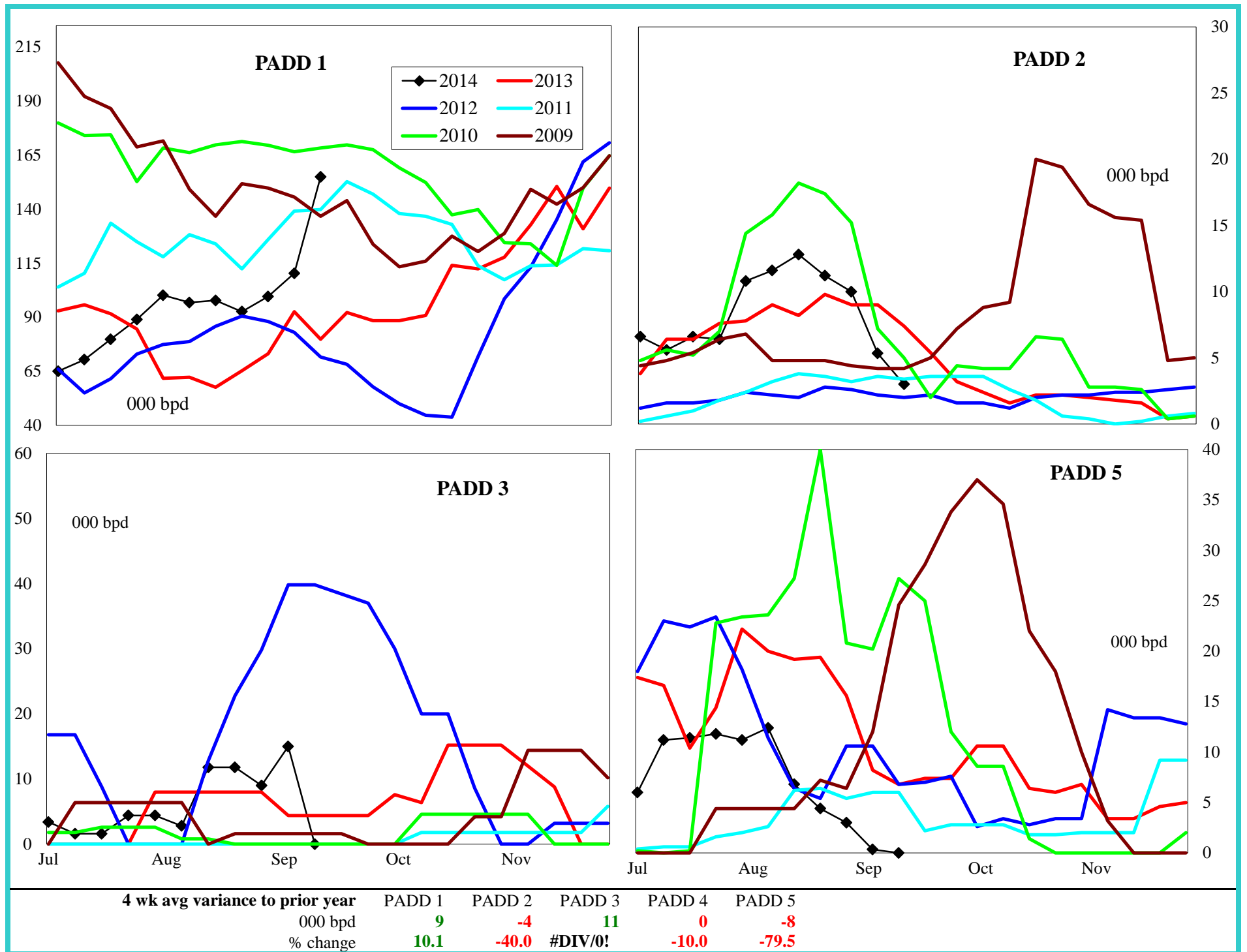
Crude Oil Imports by PADD



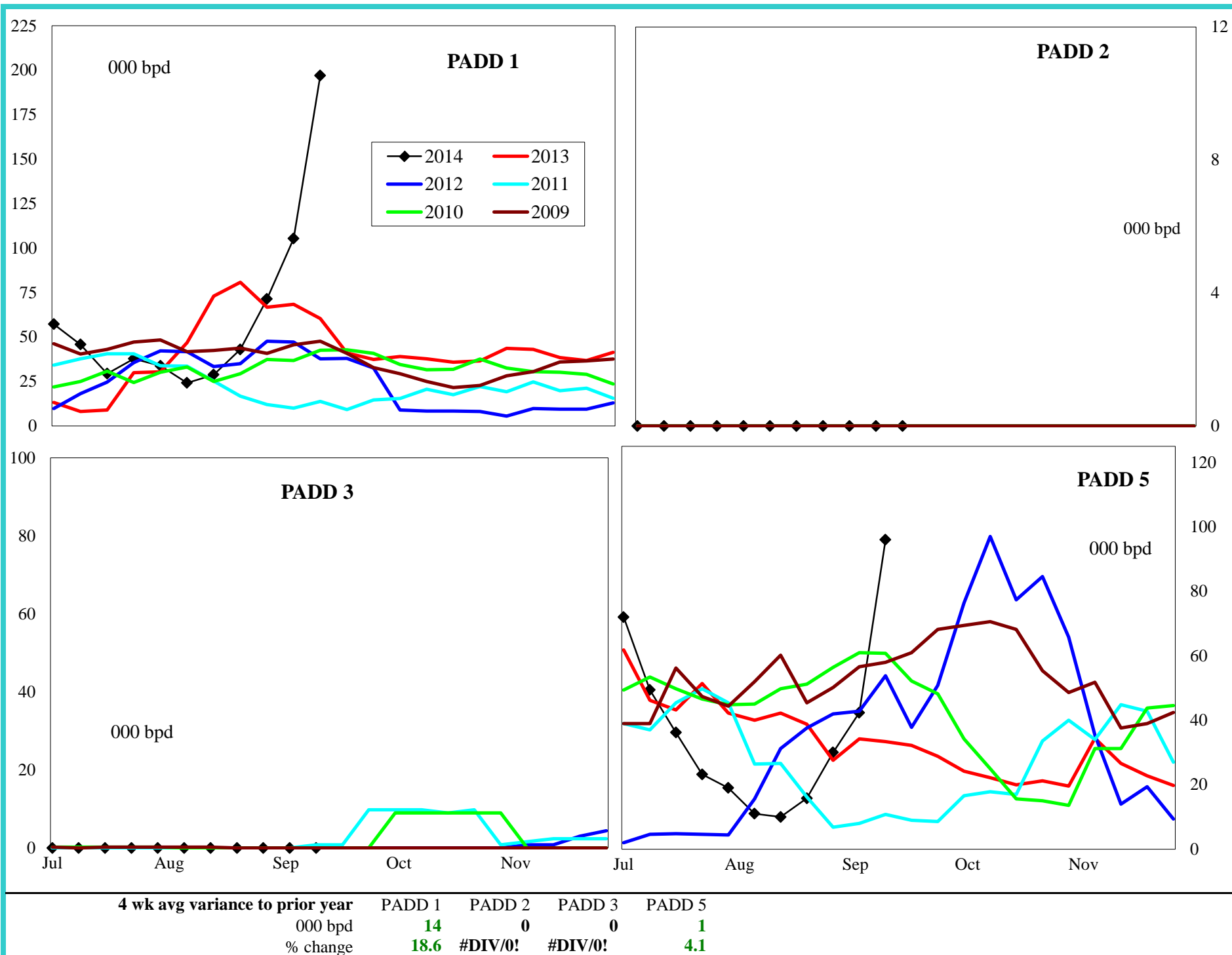
Gasoline Imports by PADD (Finished + Blend Stocks)



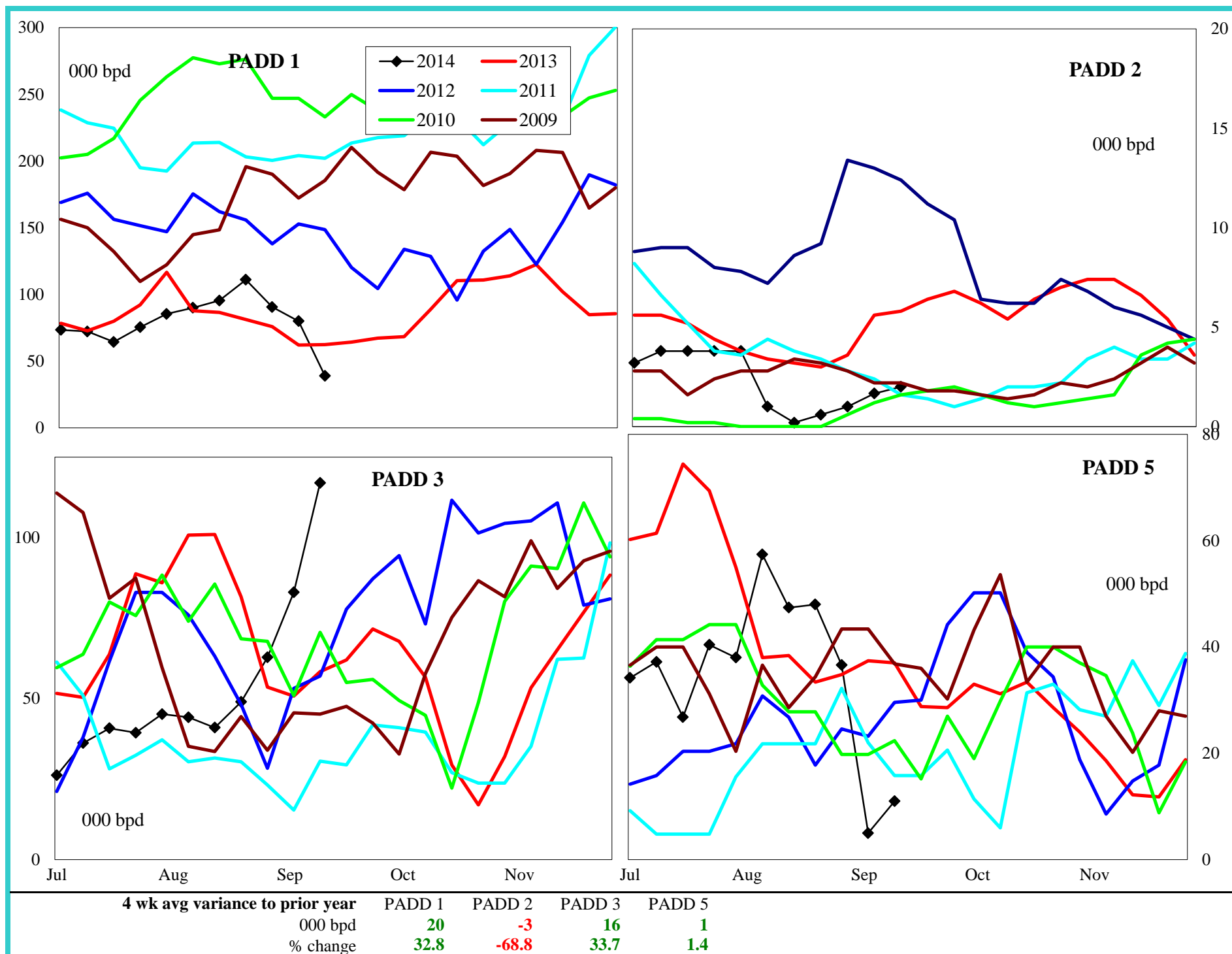
Distillate Imports by PADD



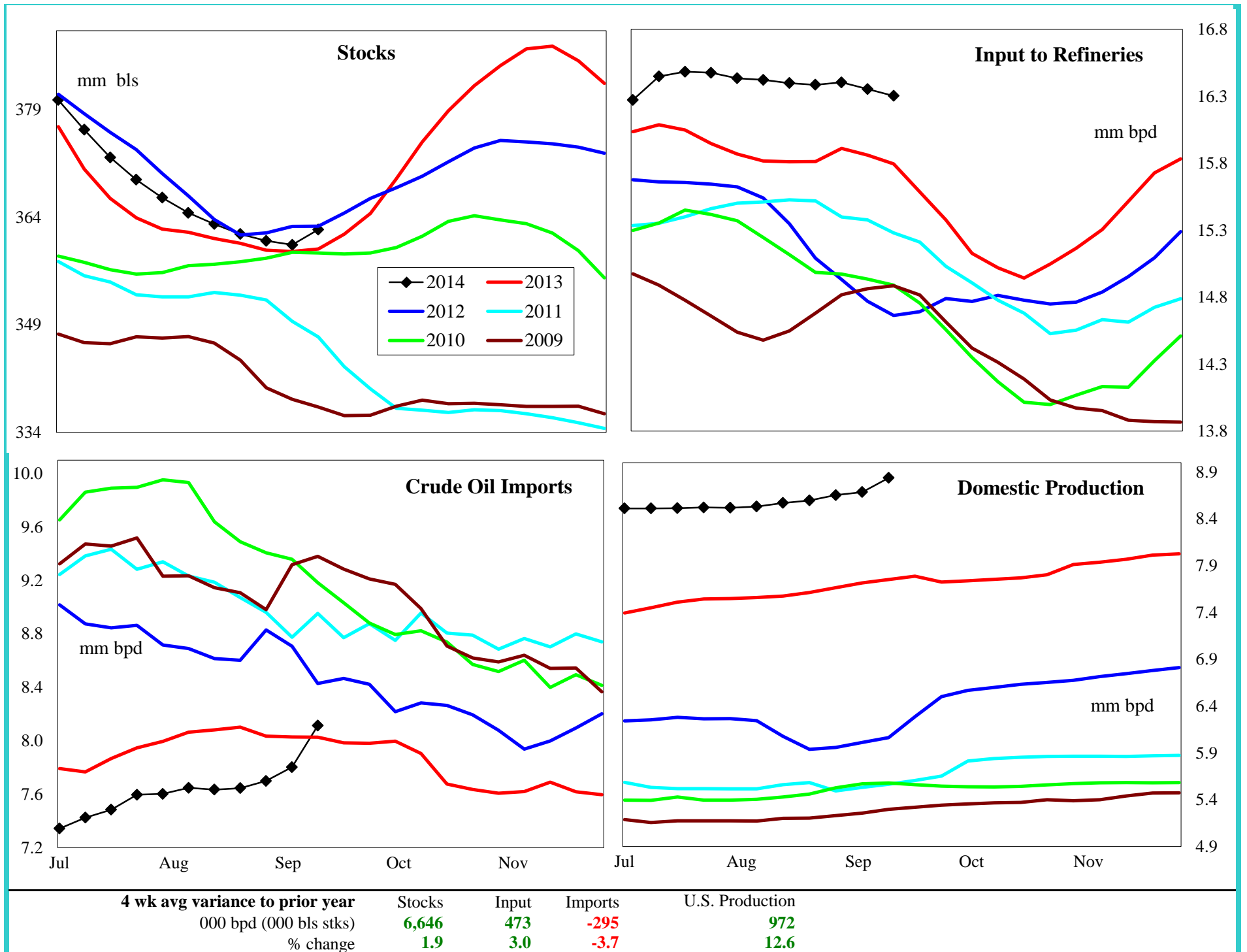
Jet Fuel Imports by PADD



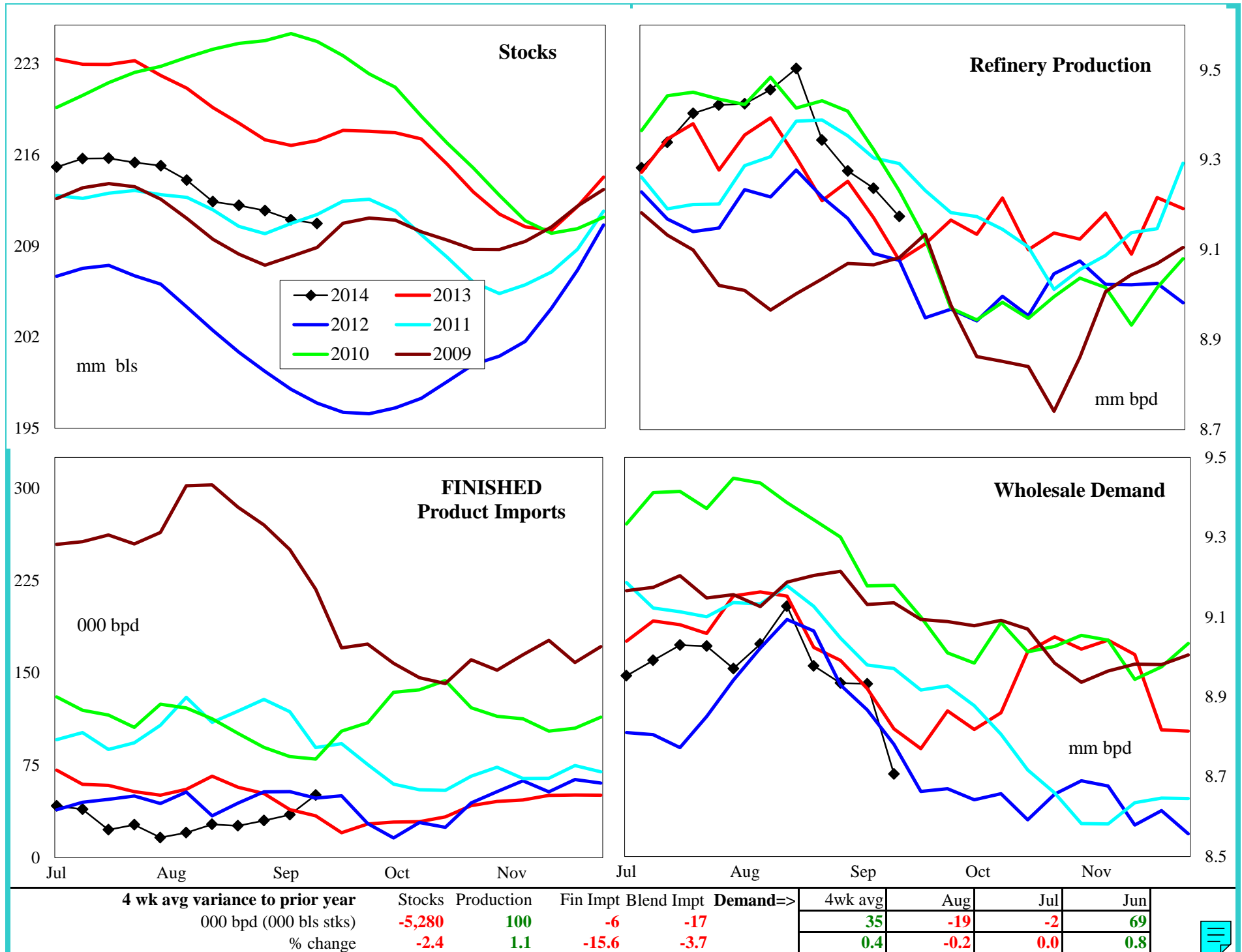
Residual Fuel Oil Imports by PADD



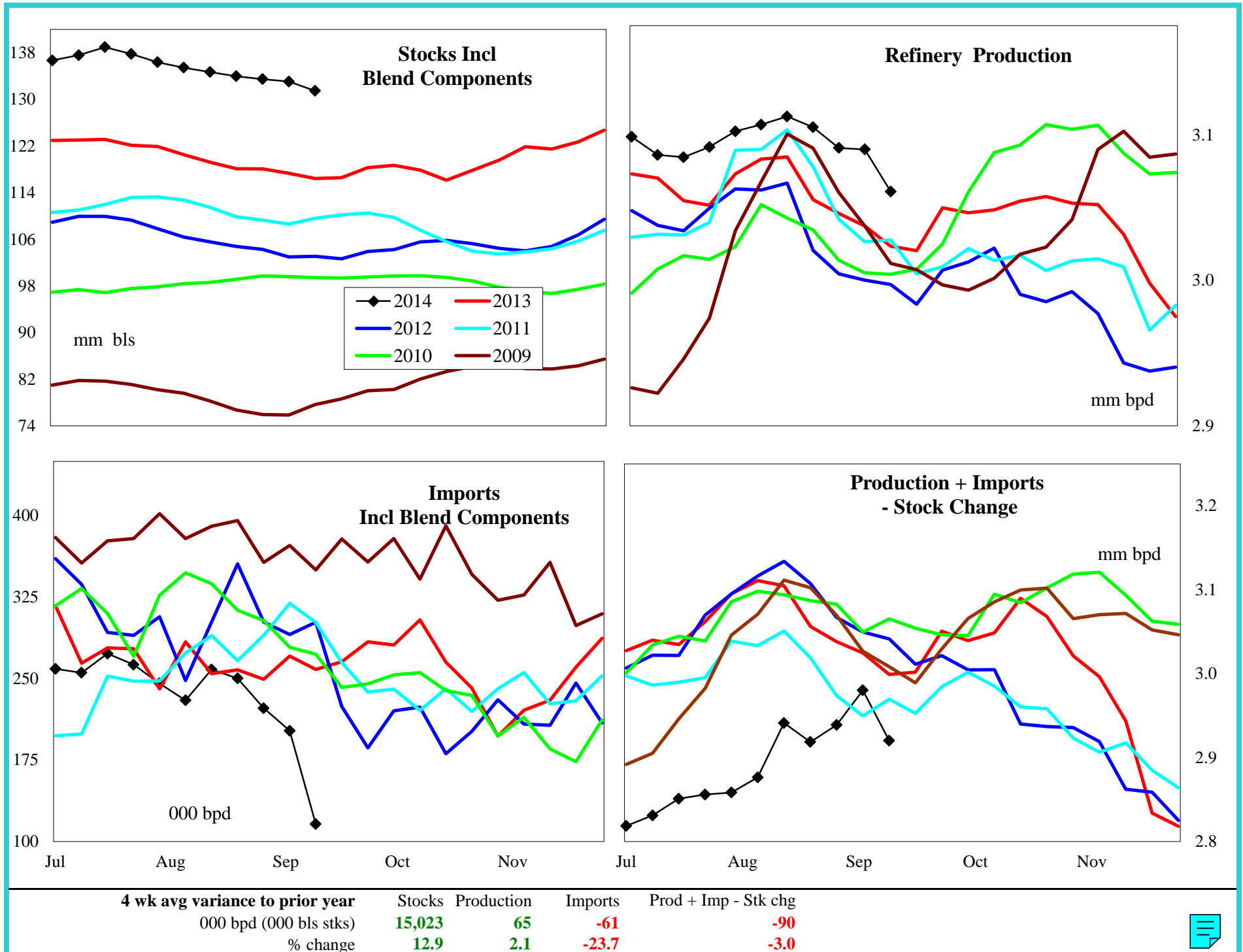
United States Crude Oil Supply and Demand Balance



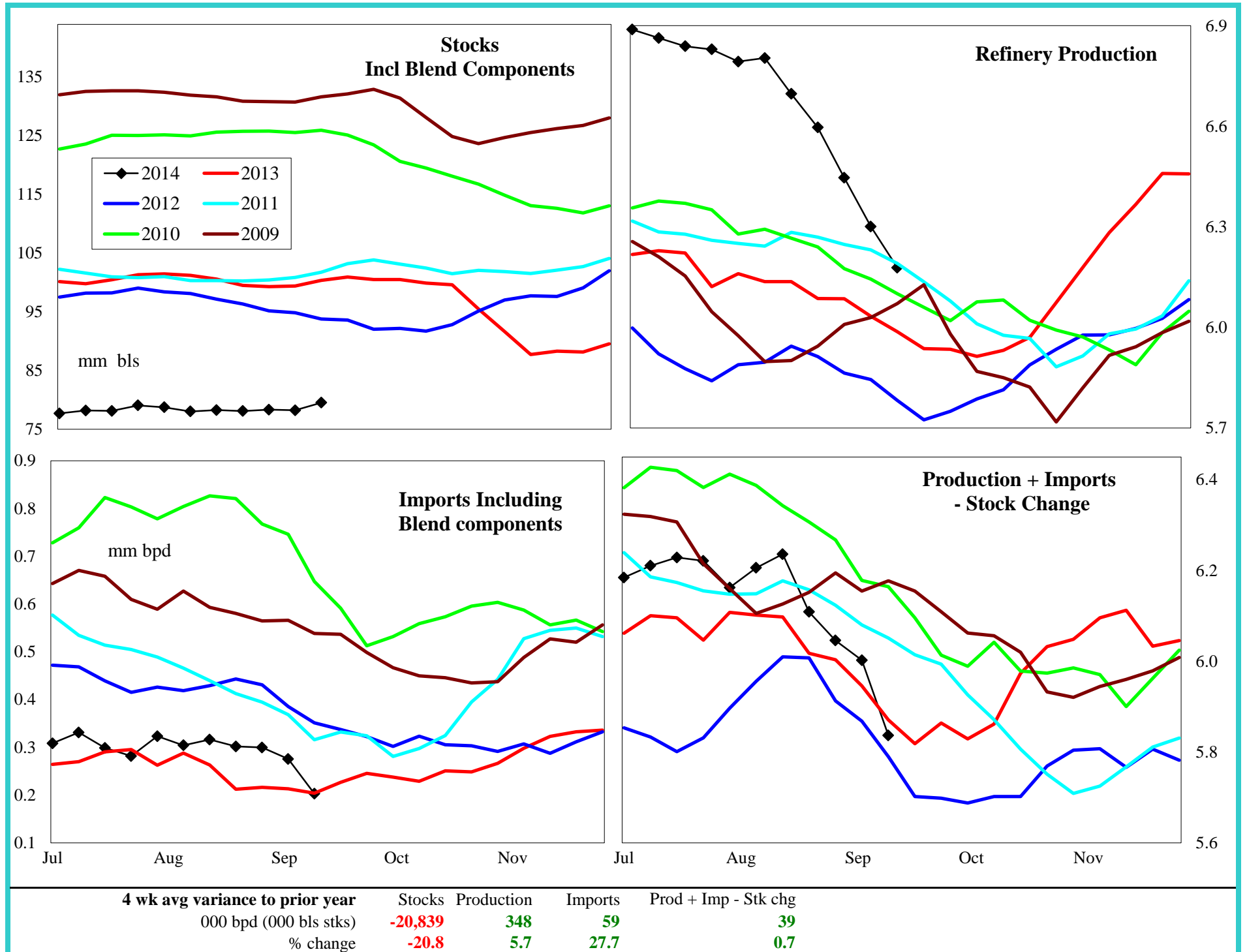
United States Gasoline Supply and Demand Balance



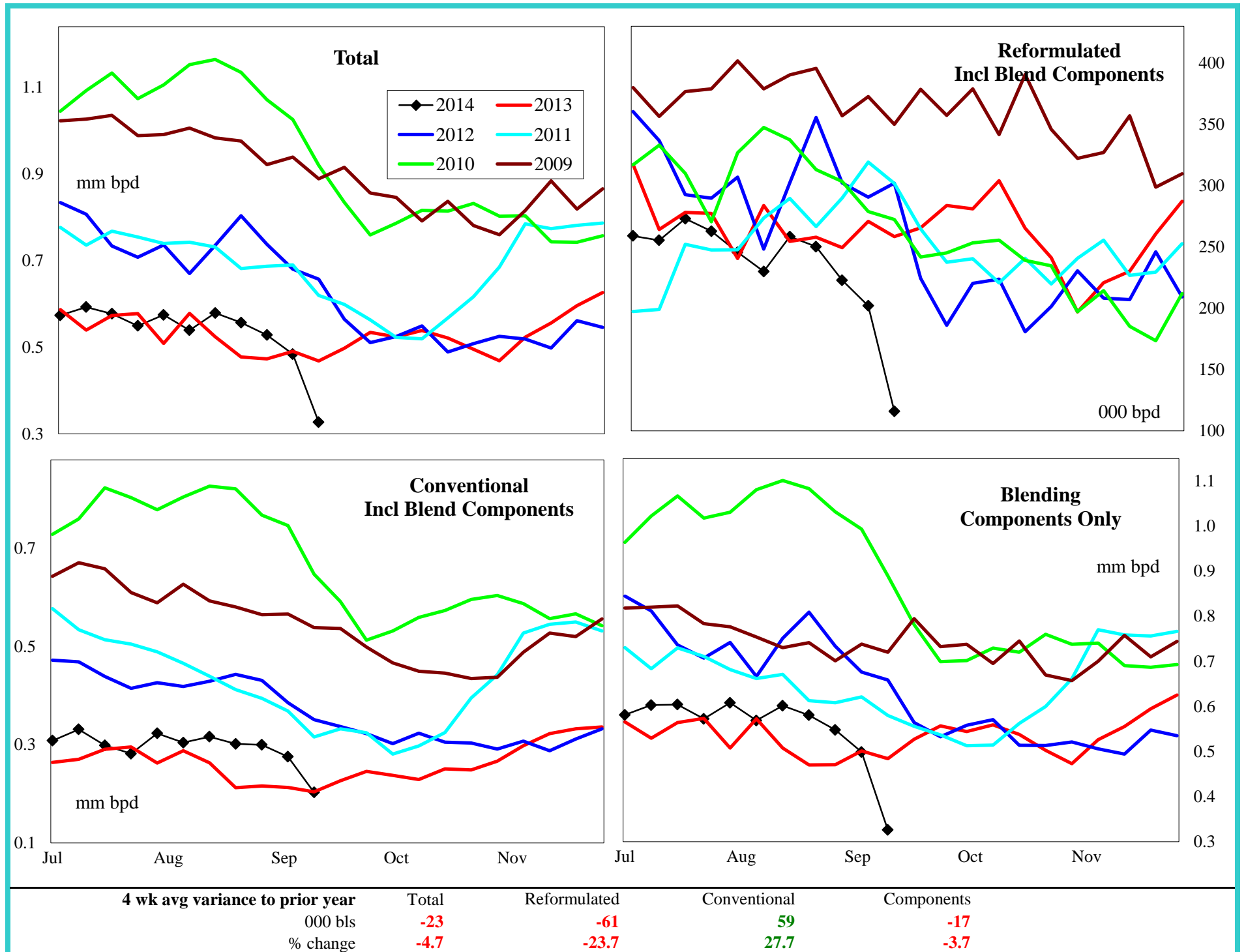
United States Reformulated Gasoline Supply



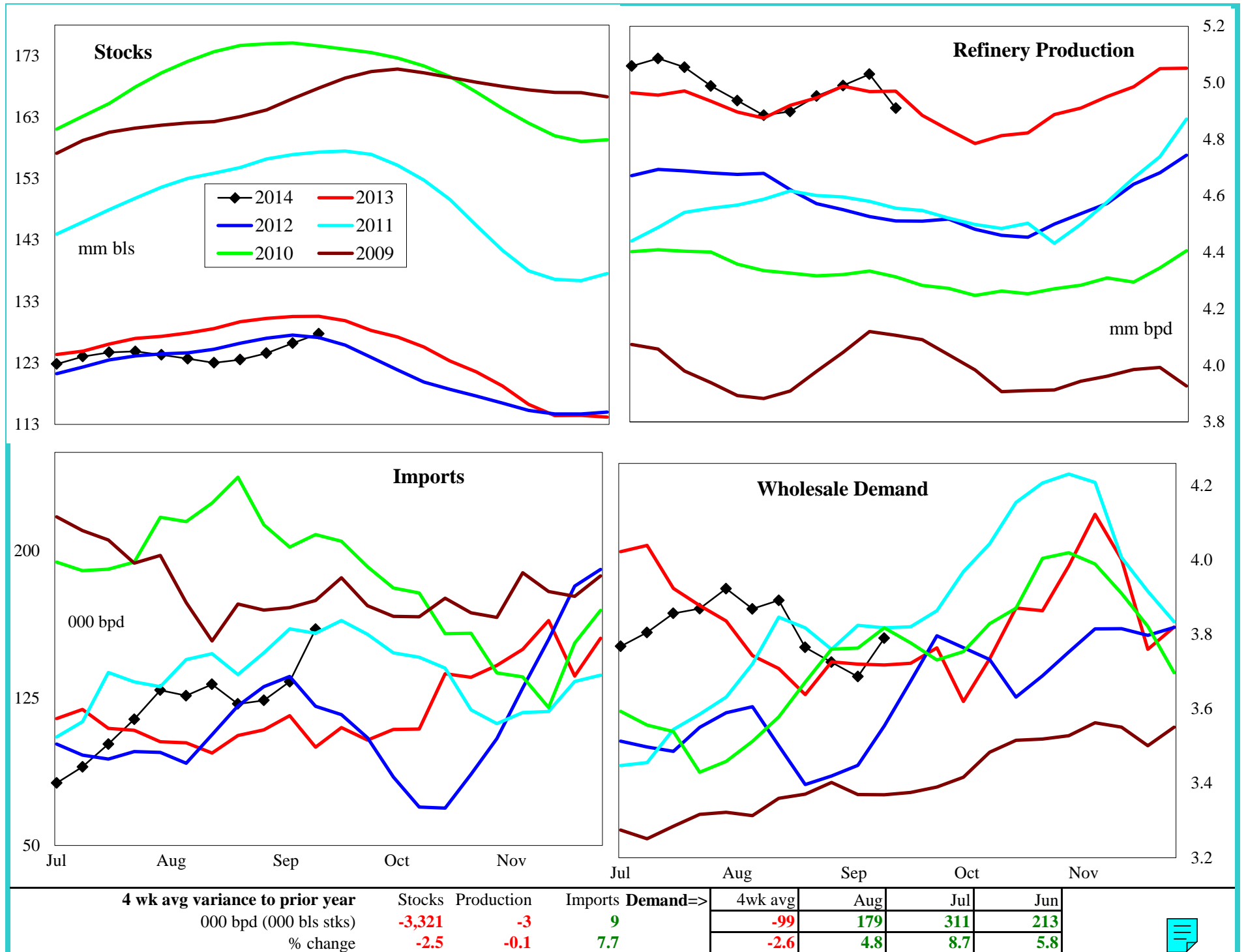
United States Conventional Gasoline Supply



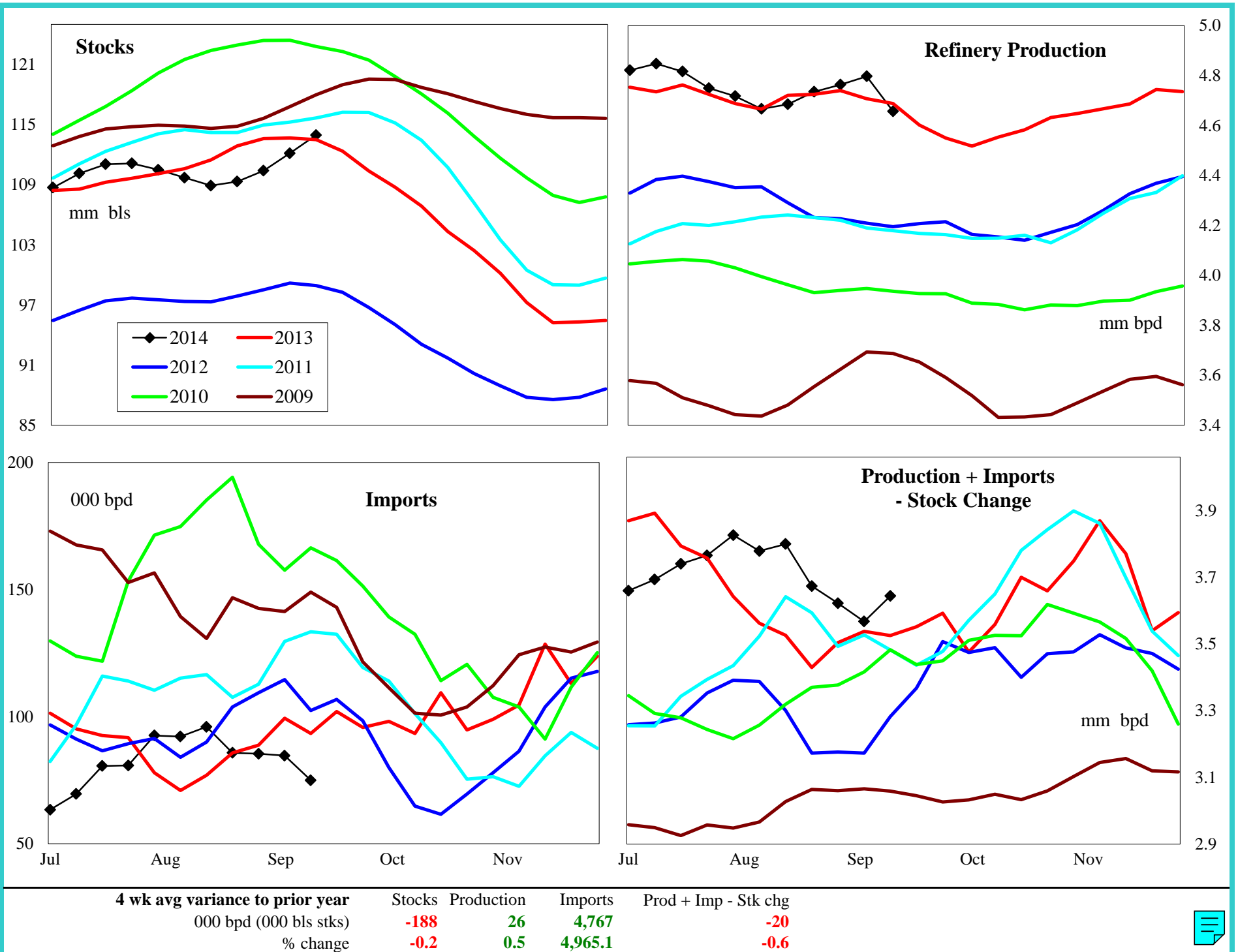
United States Gasoline Imports by Type



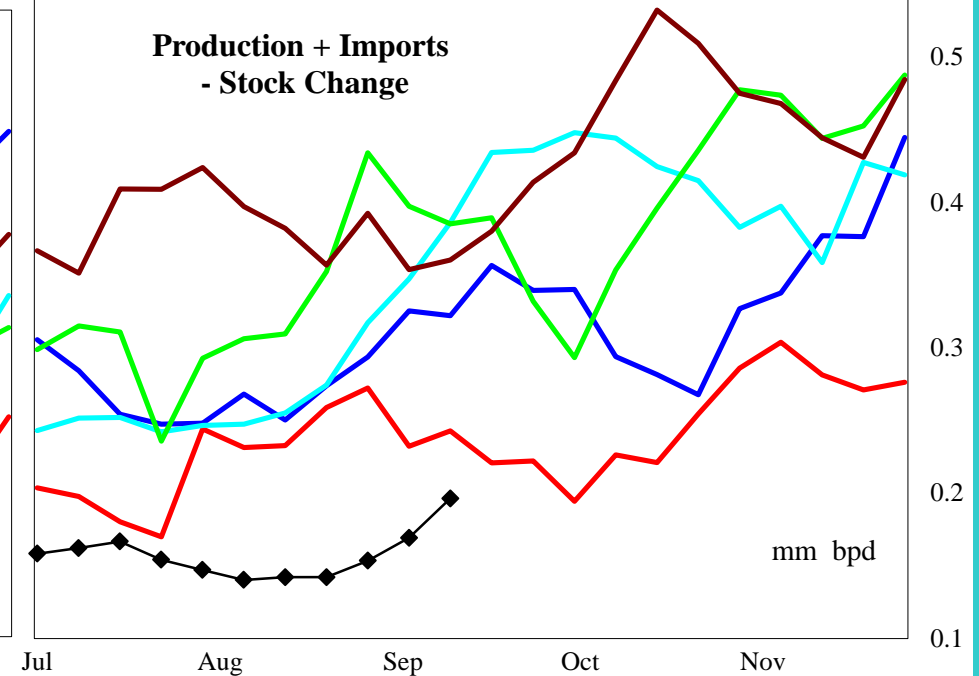
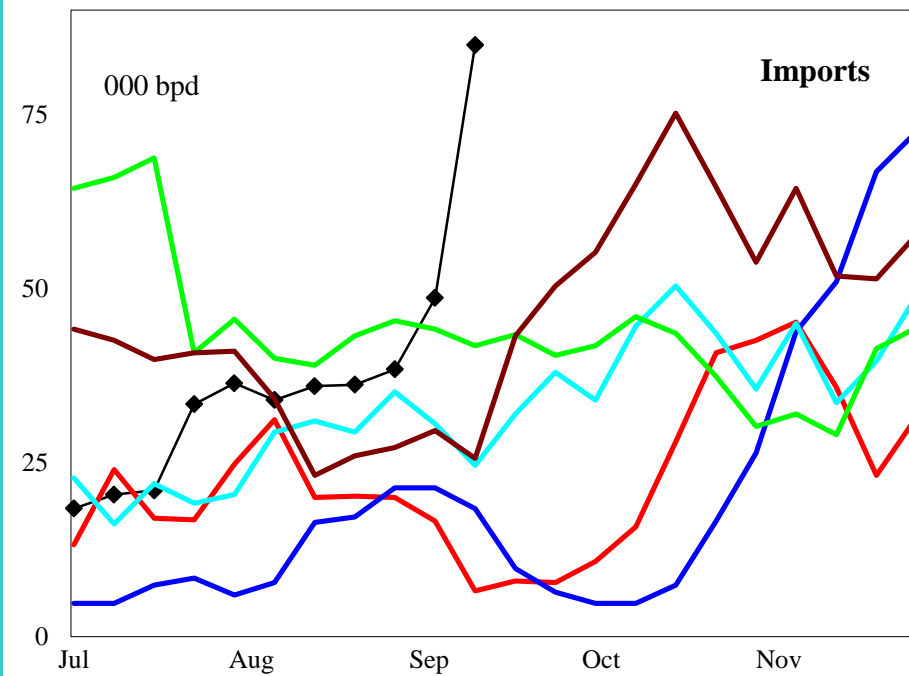
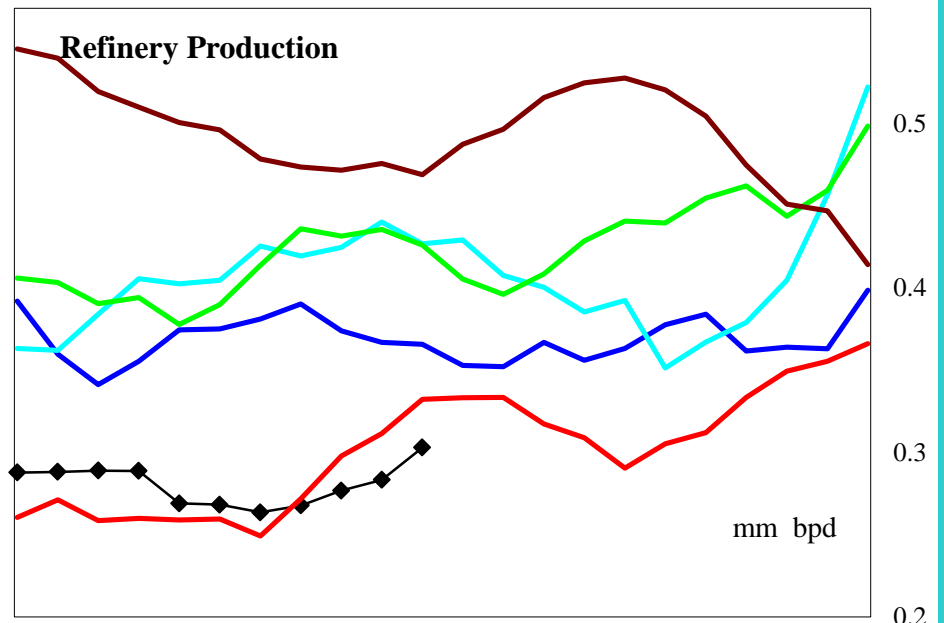
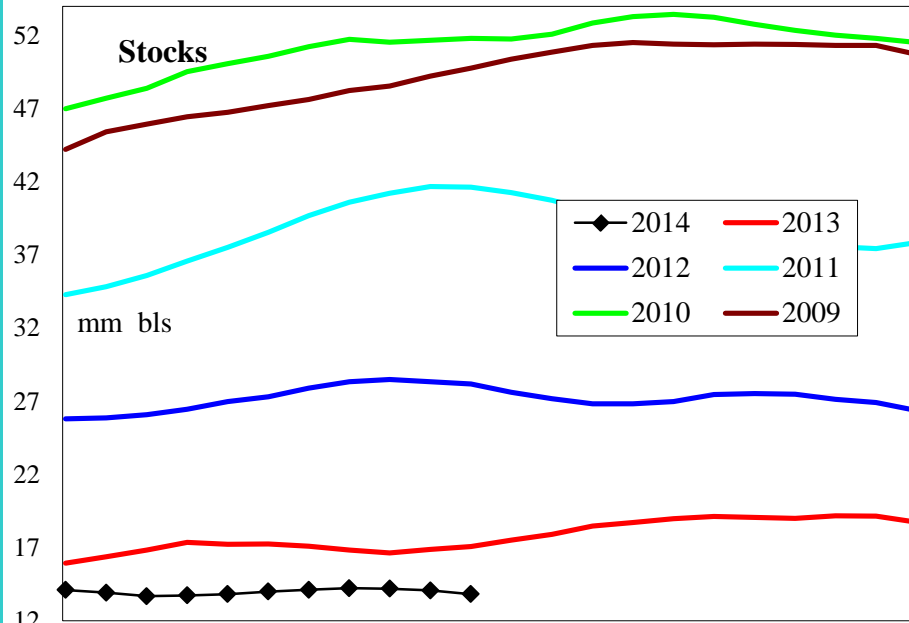
United States Distillate Supply and Demand Balance



United States Low Sulfur Distillate Supply



United States High Sulfur Distillate Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

-3,133

-28

26

-79

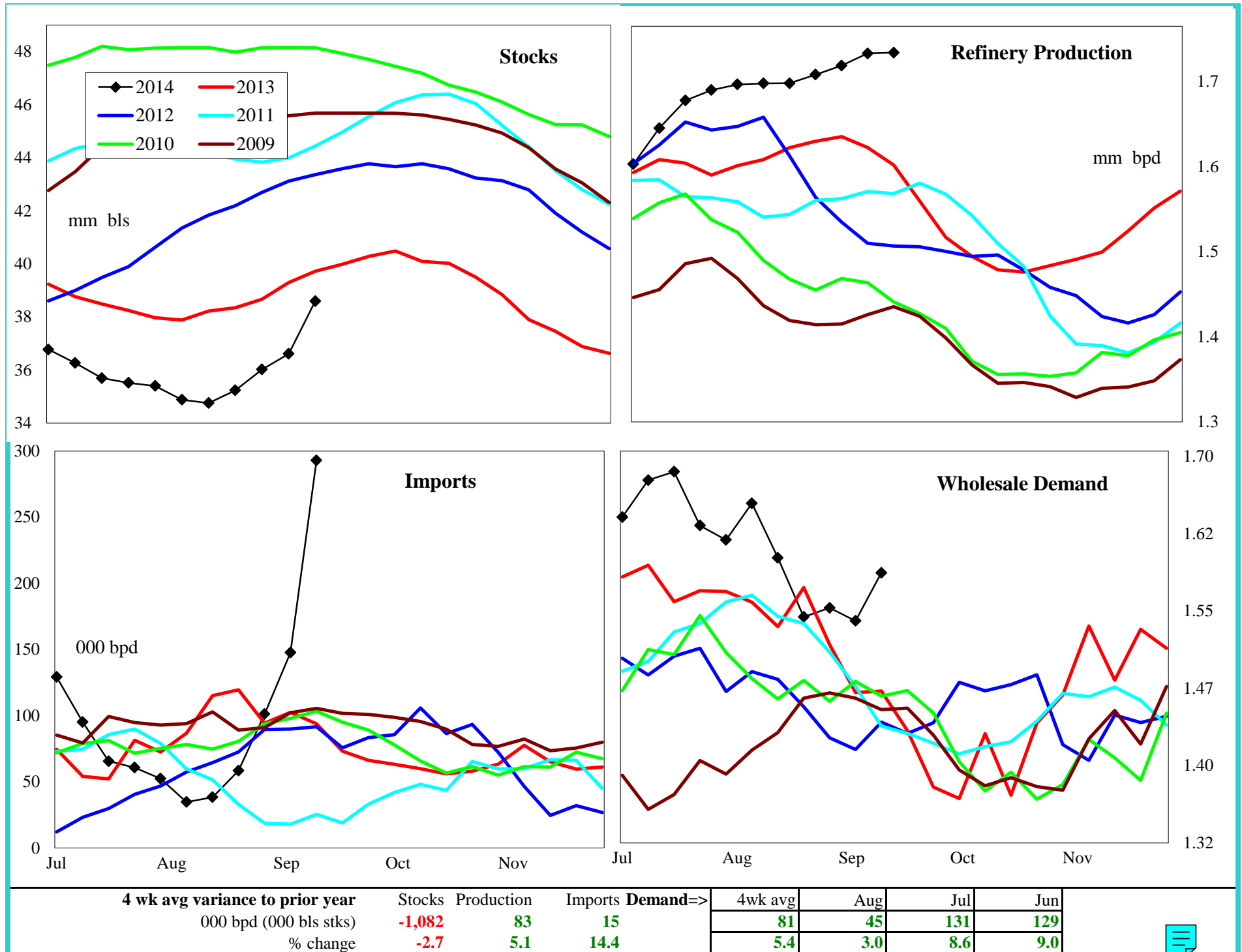
-18.5

-10.9

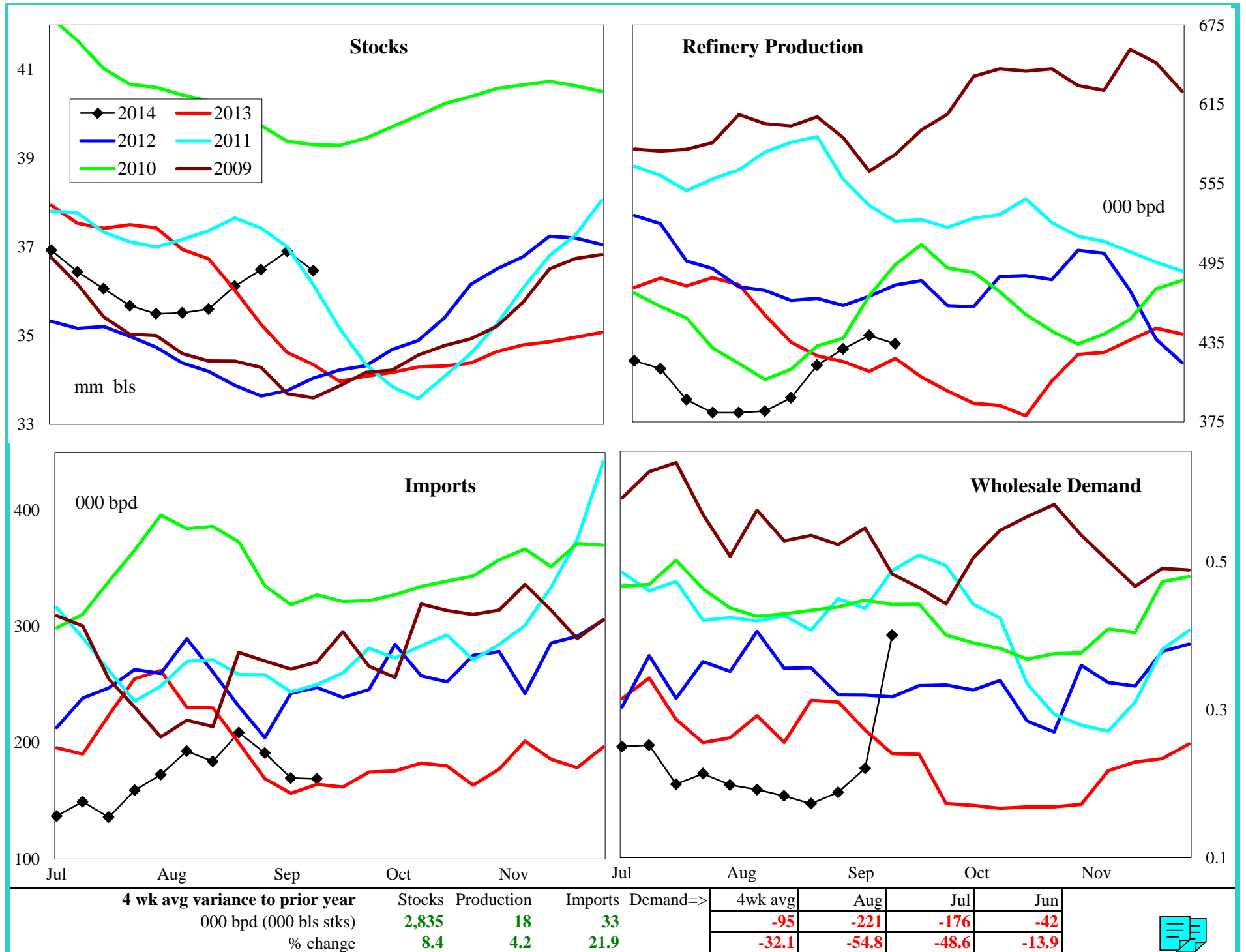
178.0

-41.4

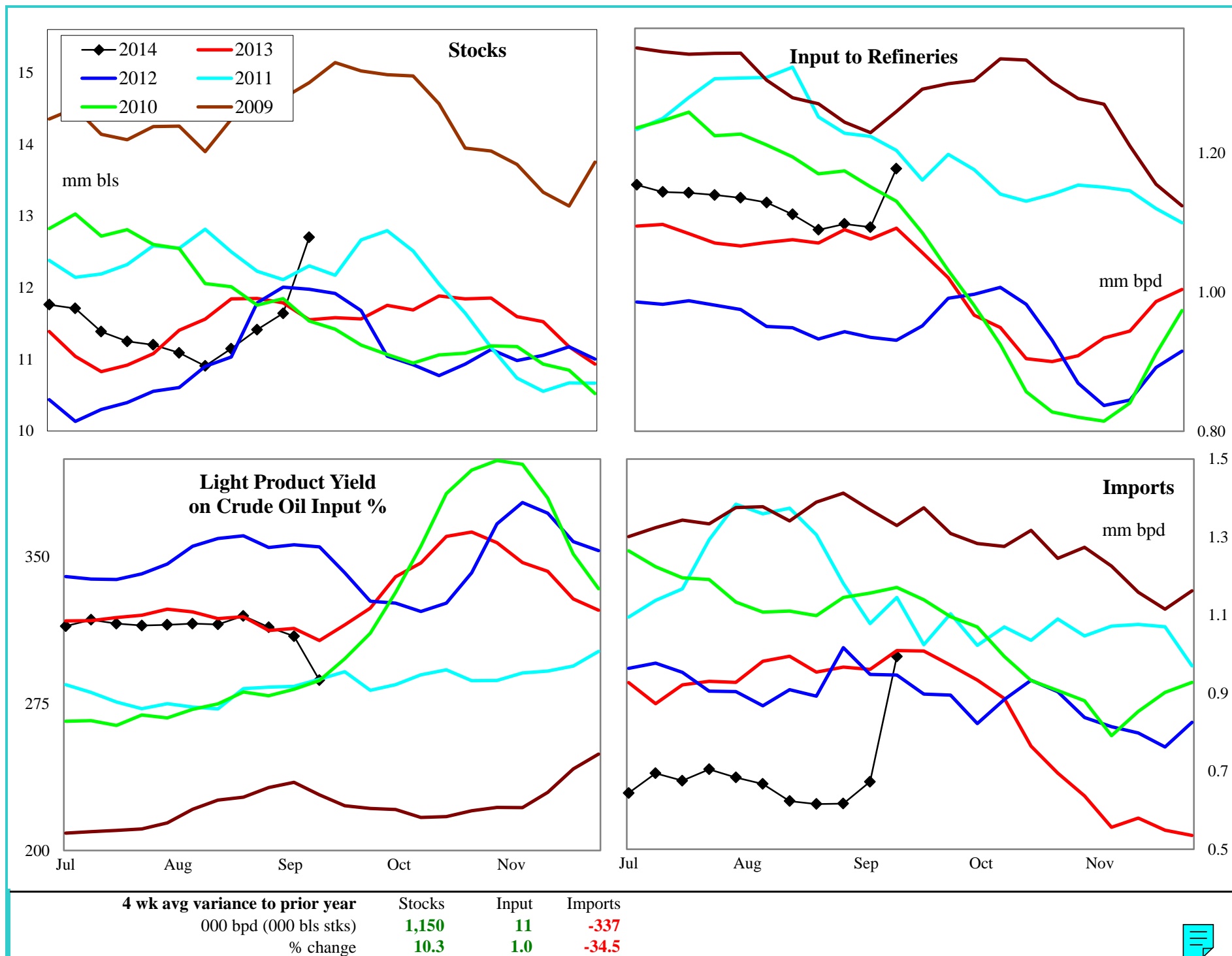
United States Jet Fuel Supply and Demand Balance



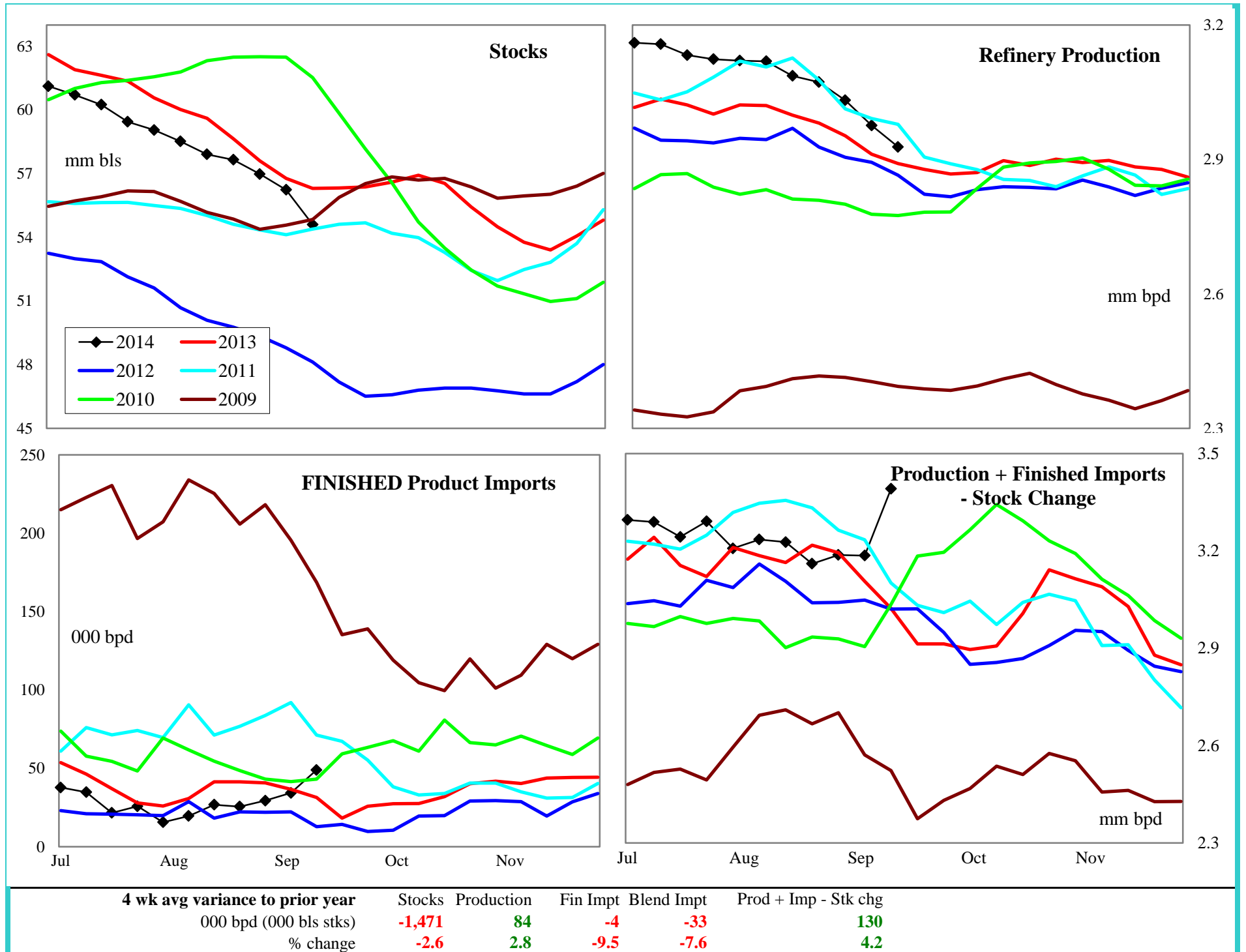
United States Residual Fuel Oil Supply and Demand Balance



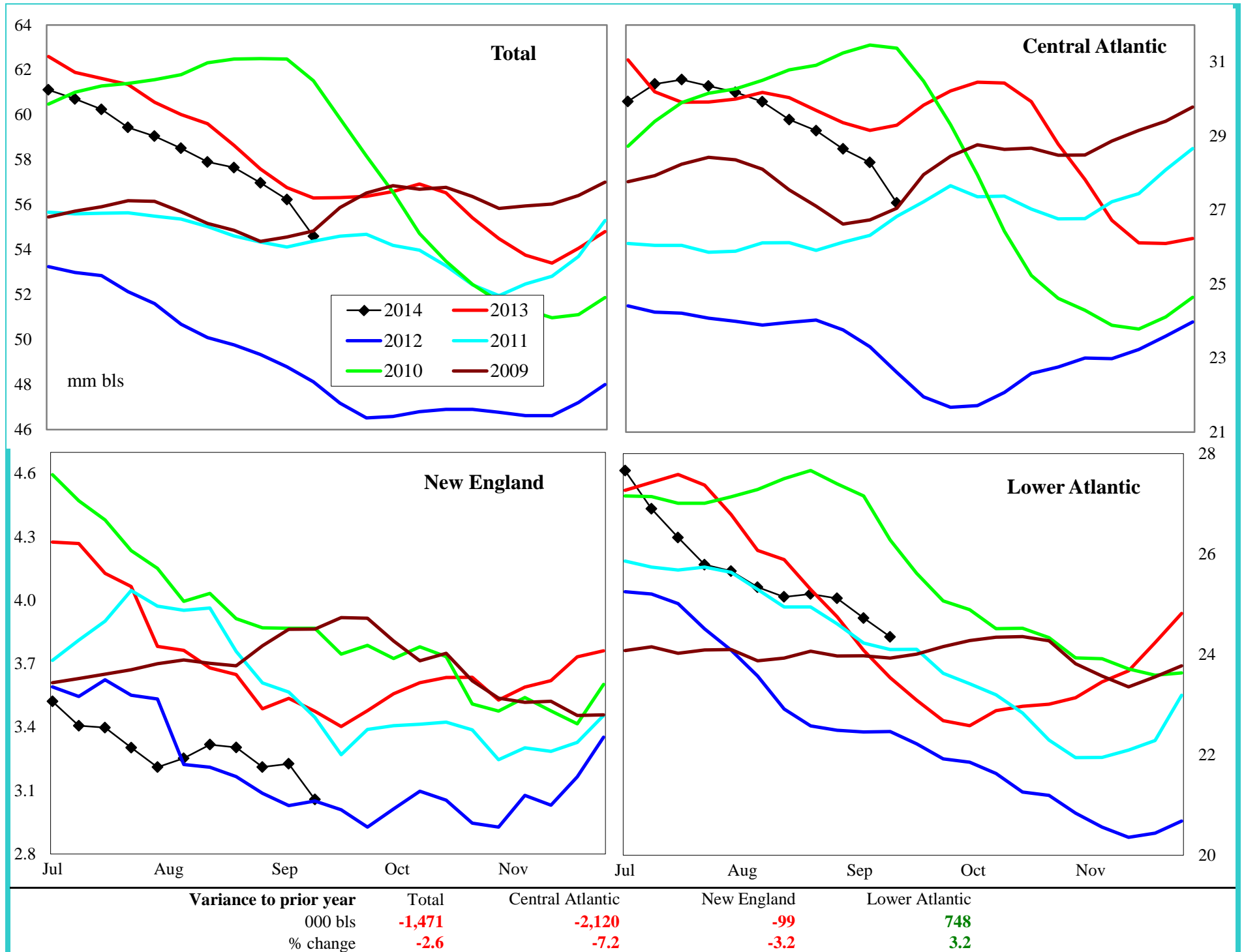
PADD 1 Crude Oil Supply and Refining



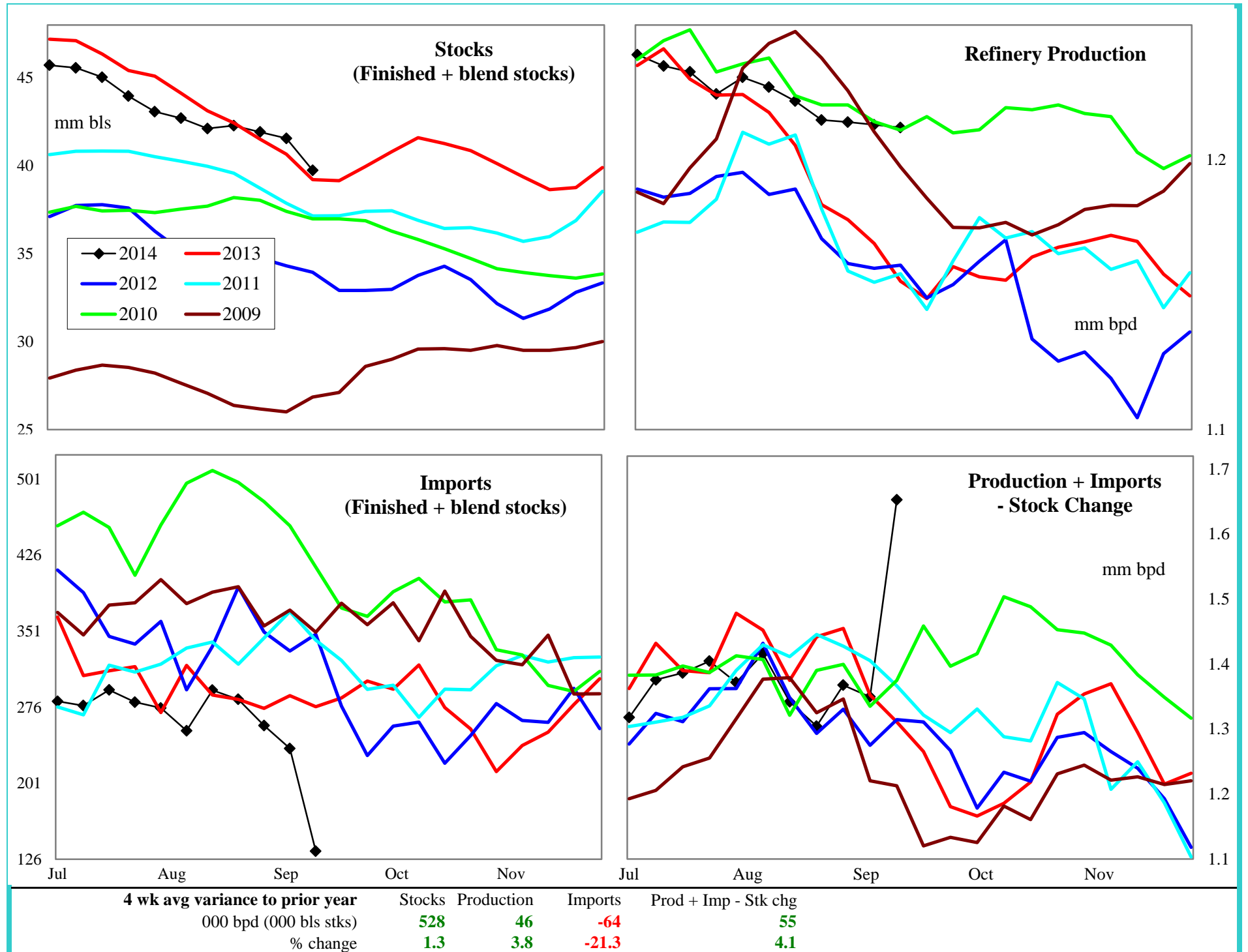
PADD 1 Gasoline Supply



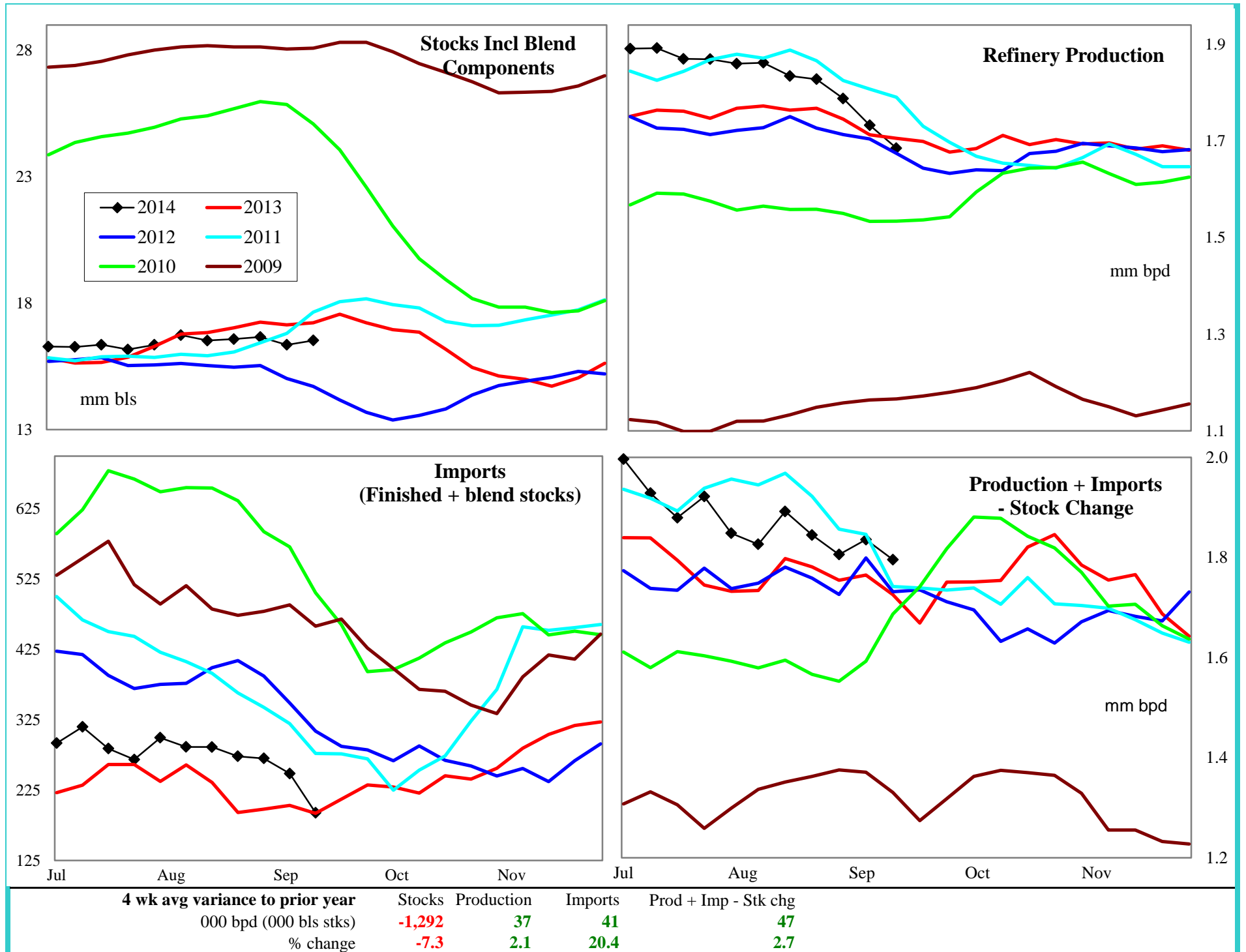
PADD 1 Gasoline Stocks by Region



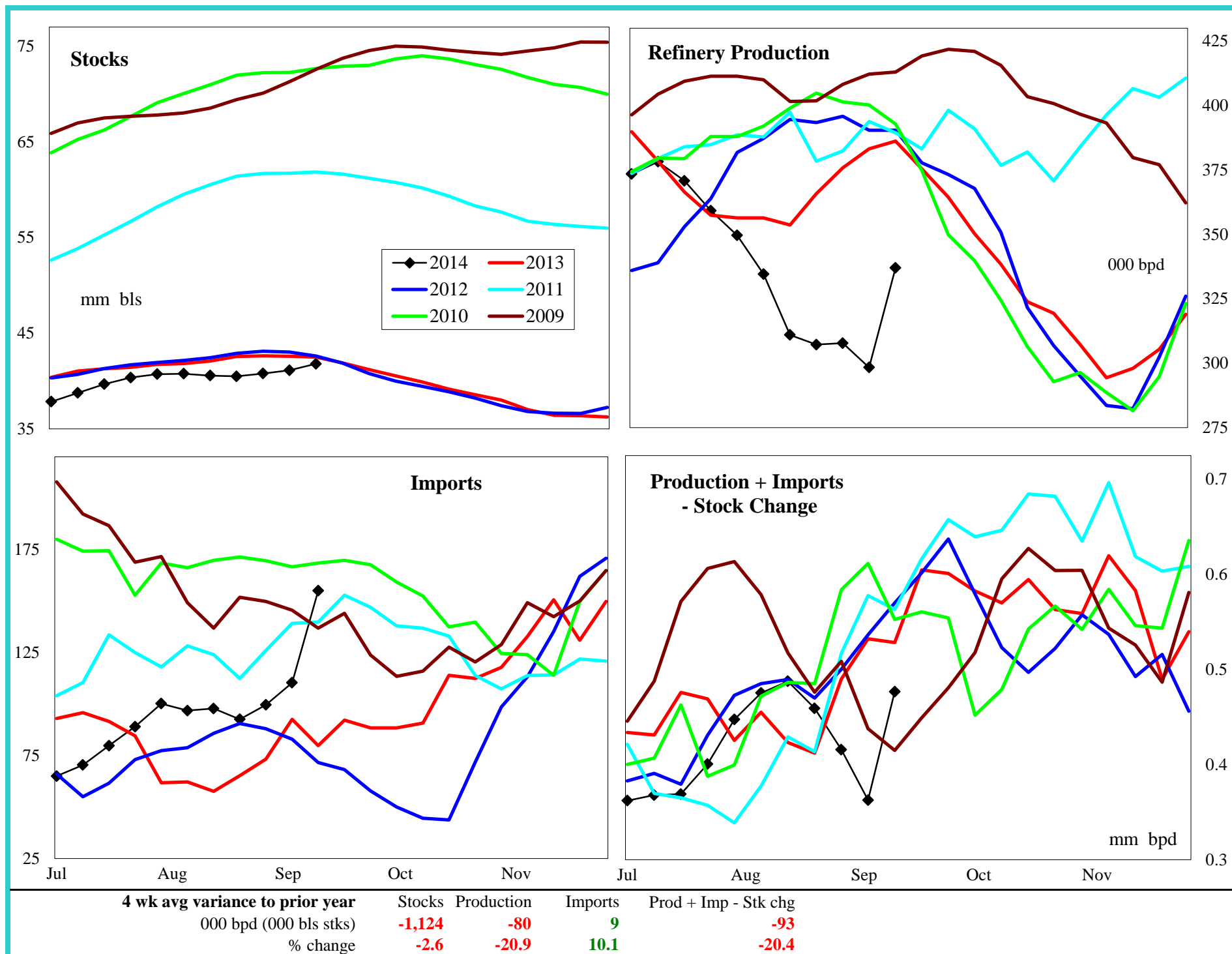
PADD 1 Reformulated Gasoline Supply



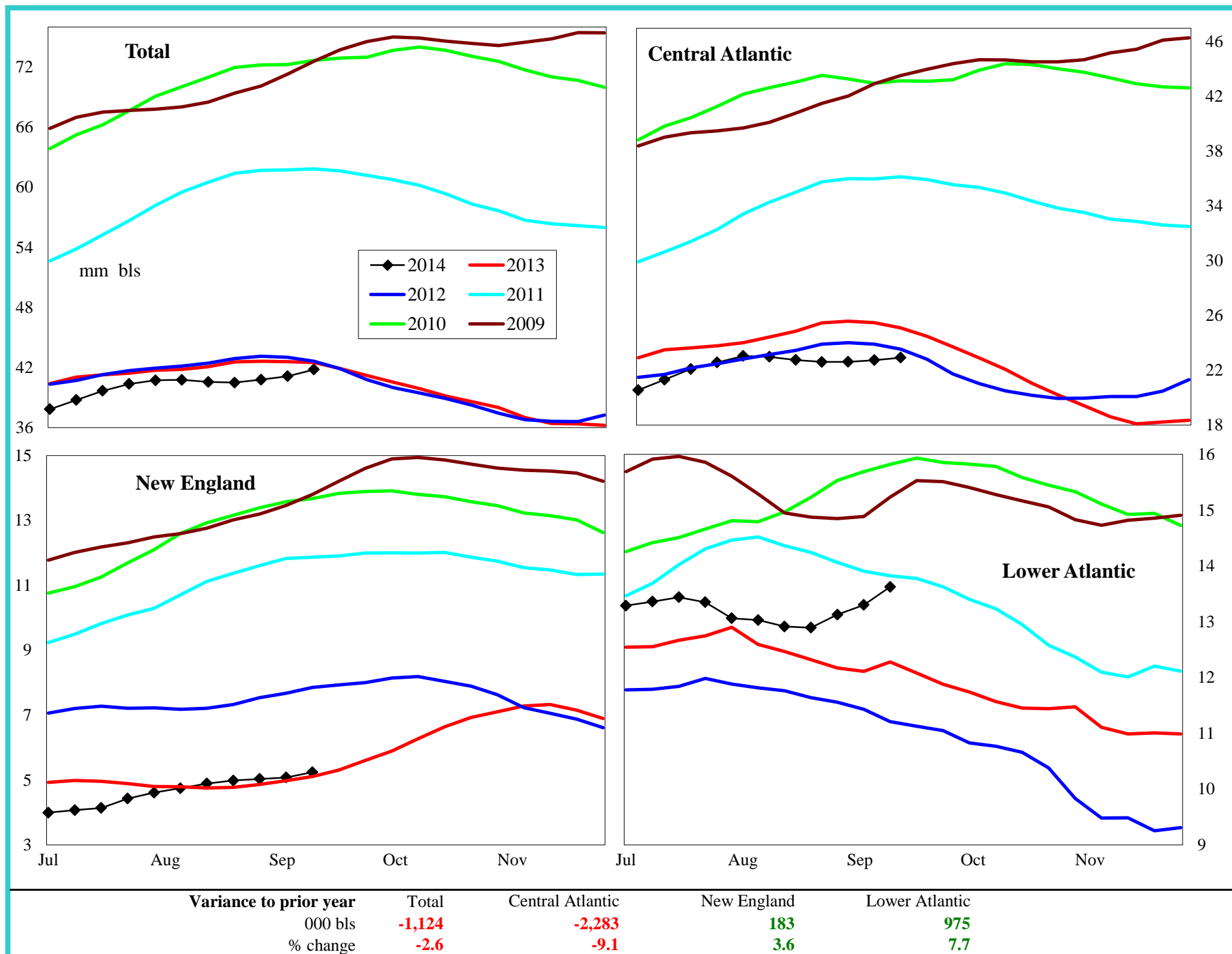
PADD 1 Conventional Gasoline Supply



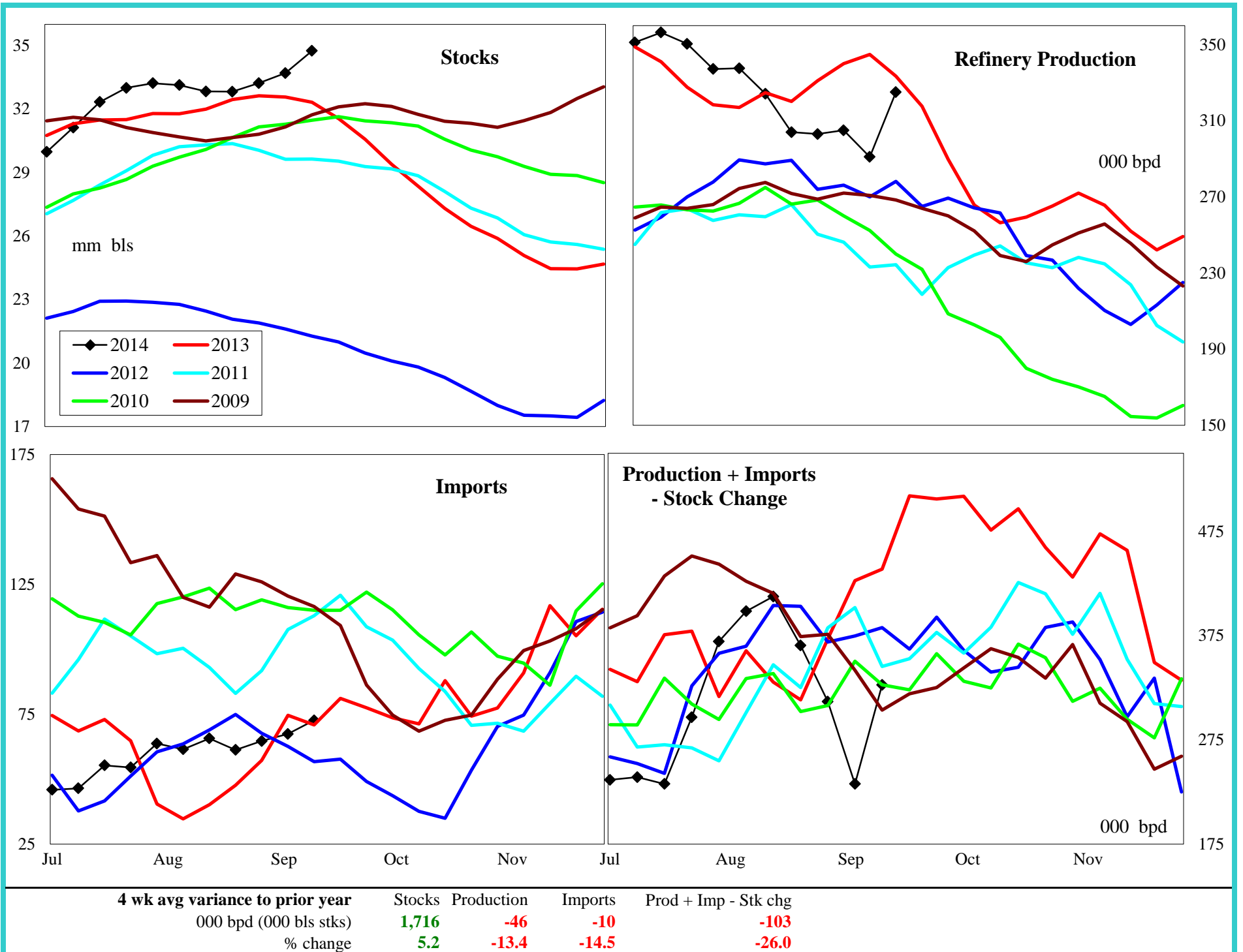
PADD 1 Distillate Supply



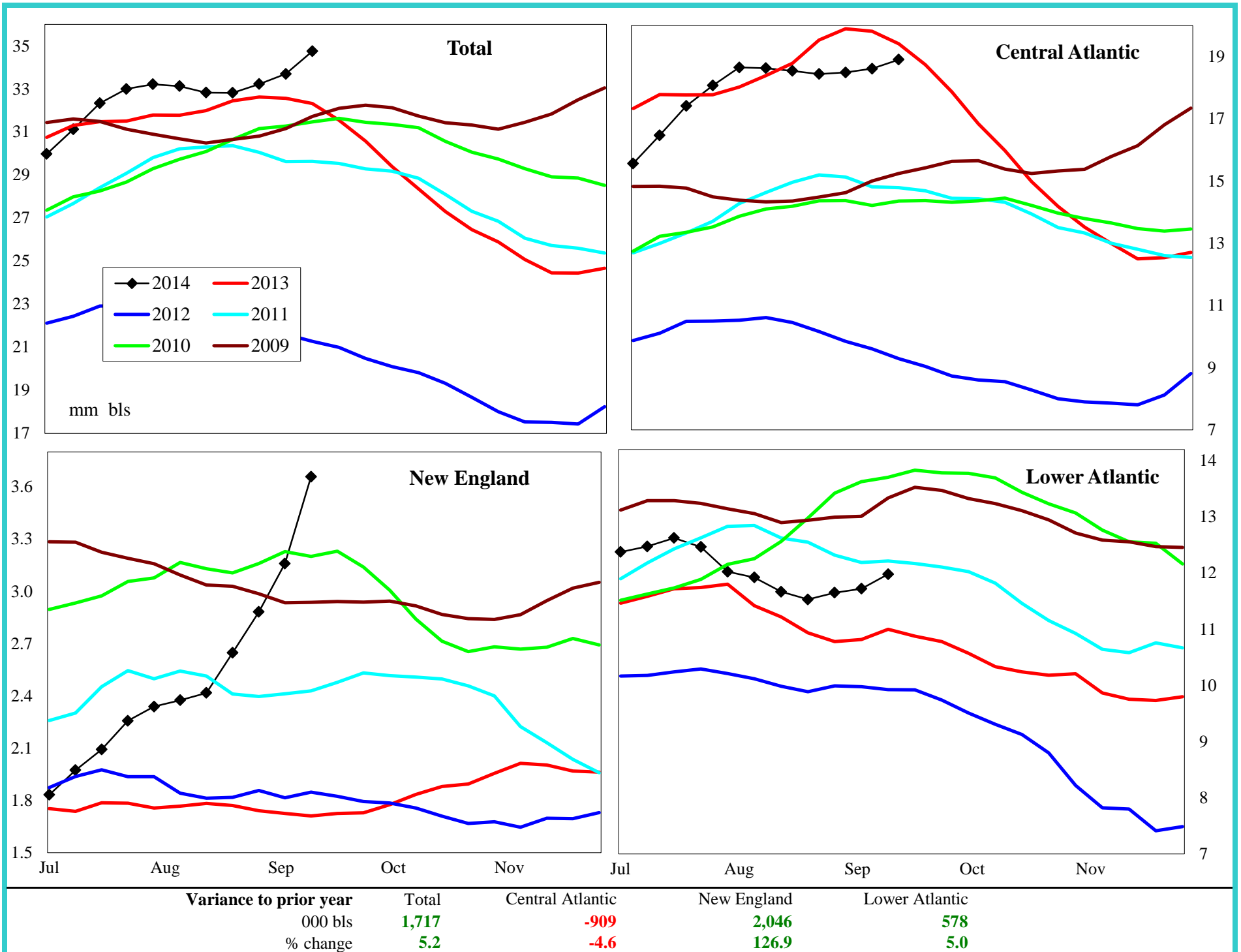
PADD 1 Distillate Stocks by Region



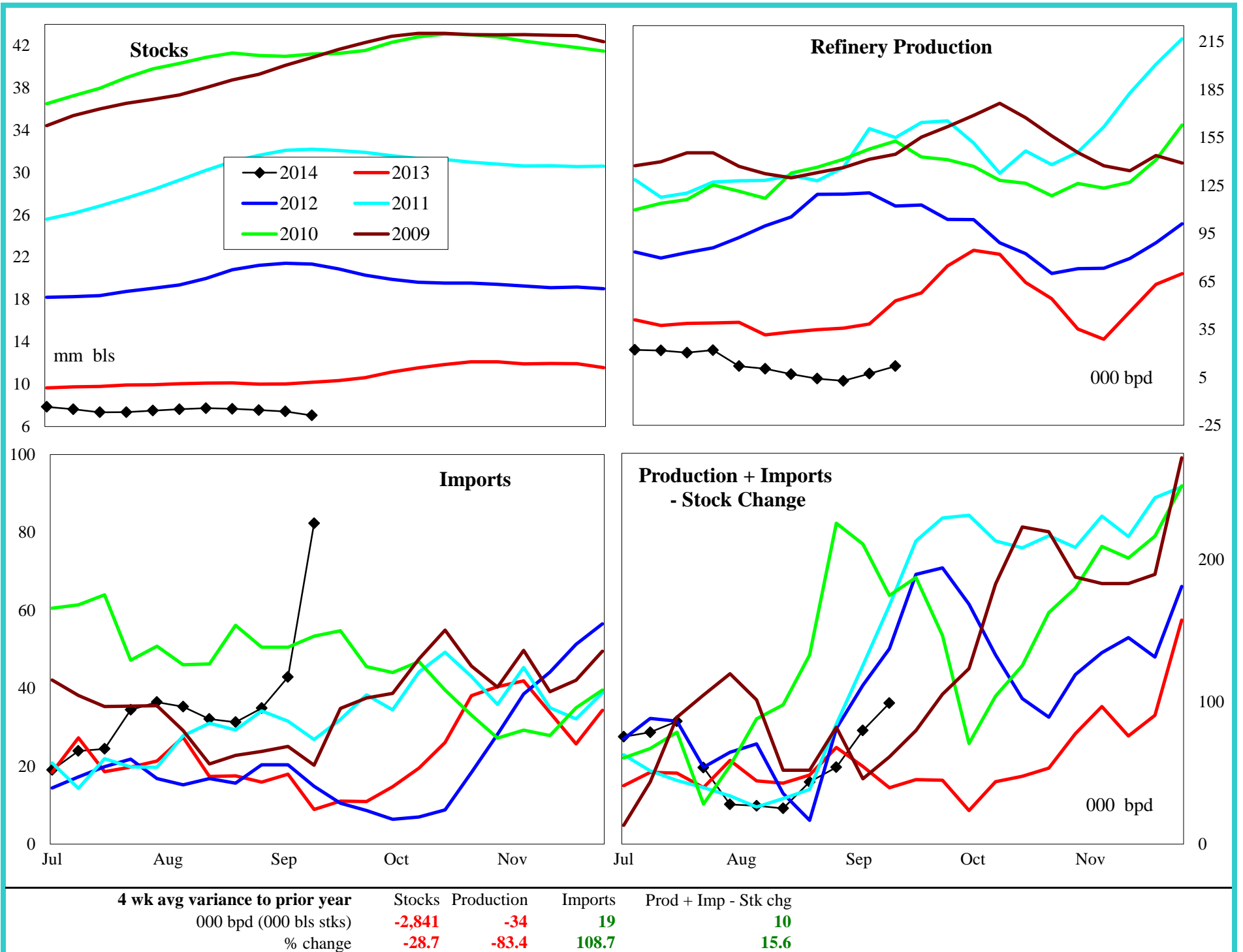
PADD 1 Low Sulfur Distillate Supply



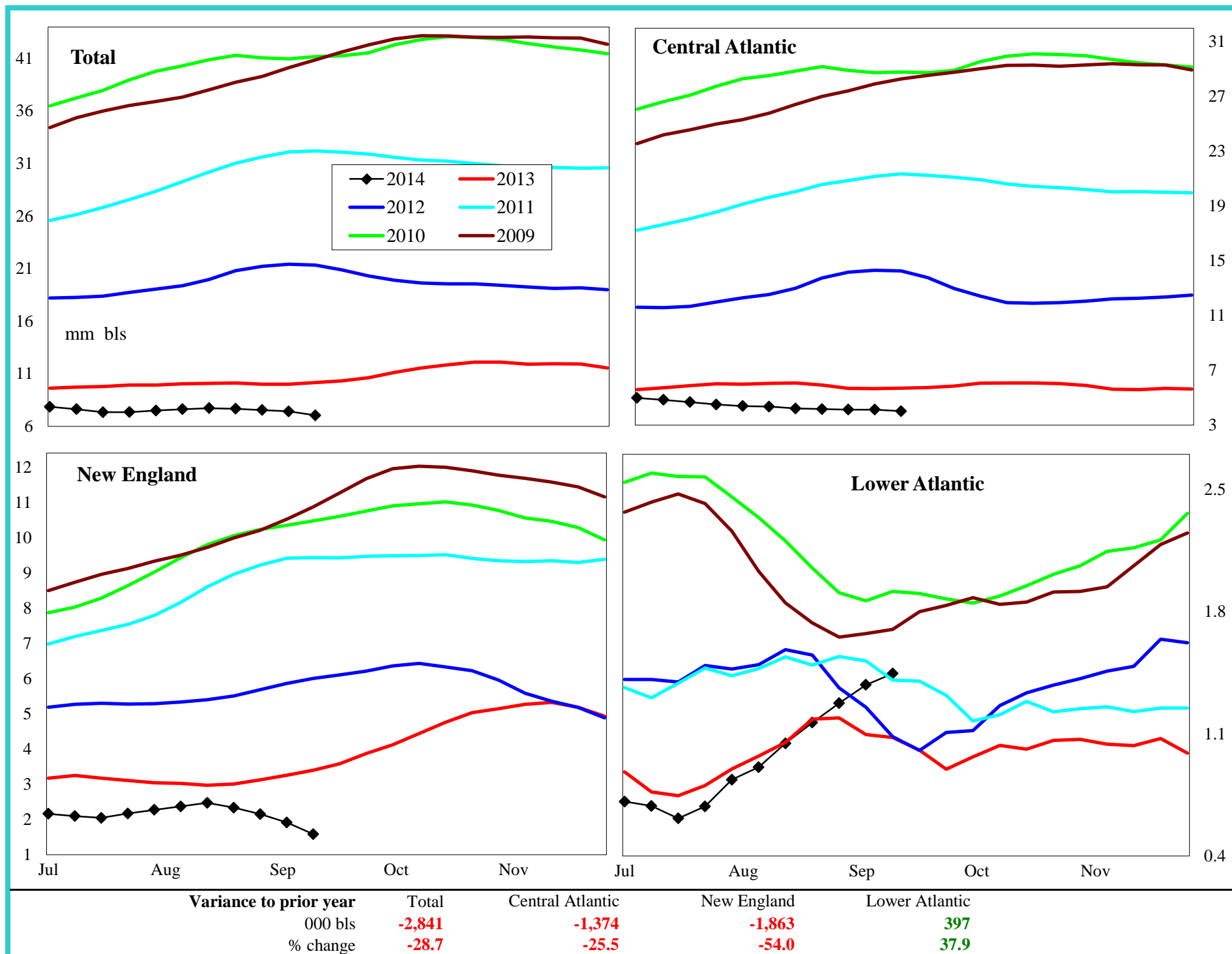
PADD 1 Low Sulfur Distillate Stocks by Region



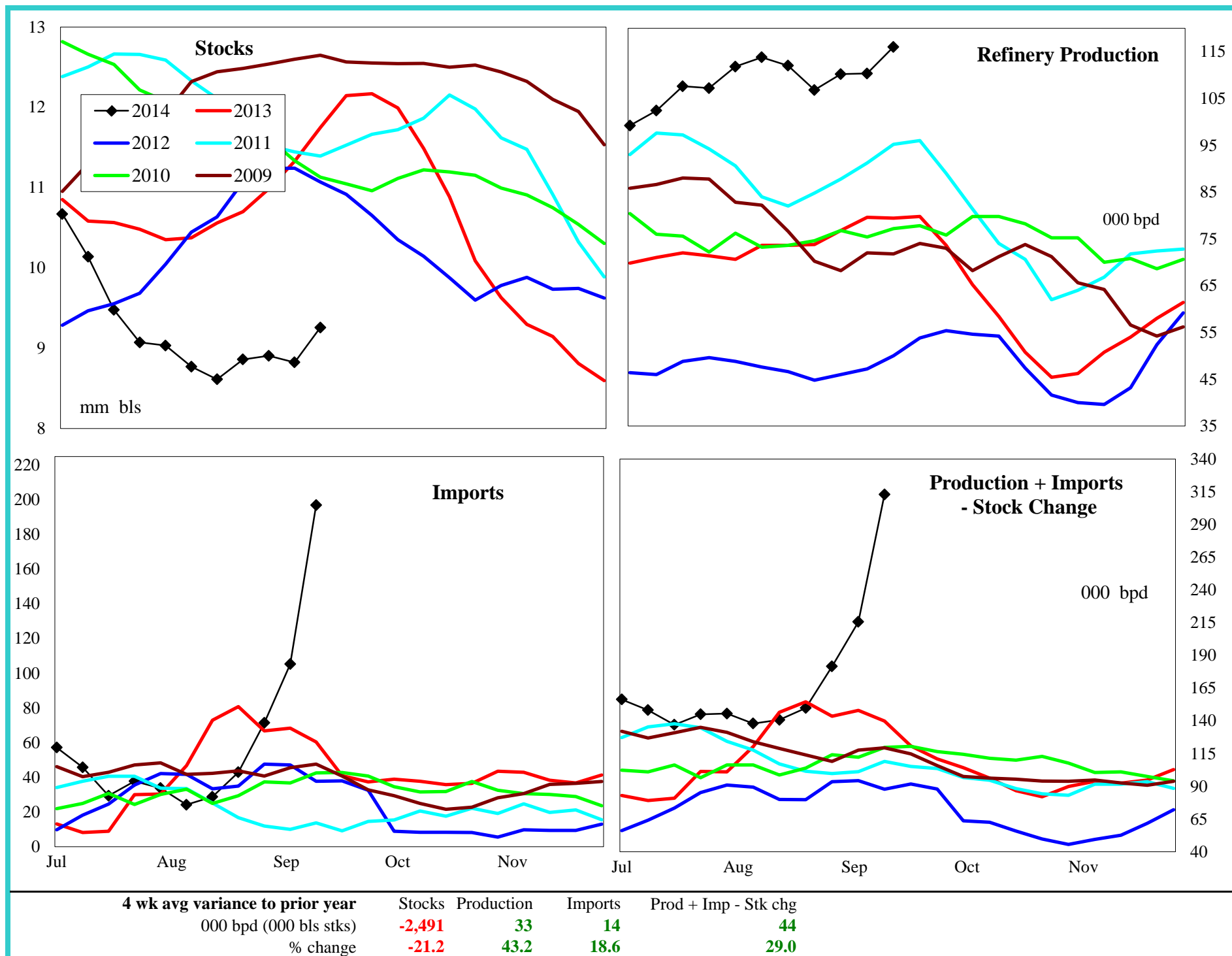
PADD 1 High Sulfur Distillate Supply



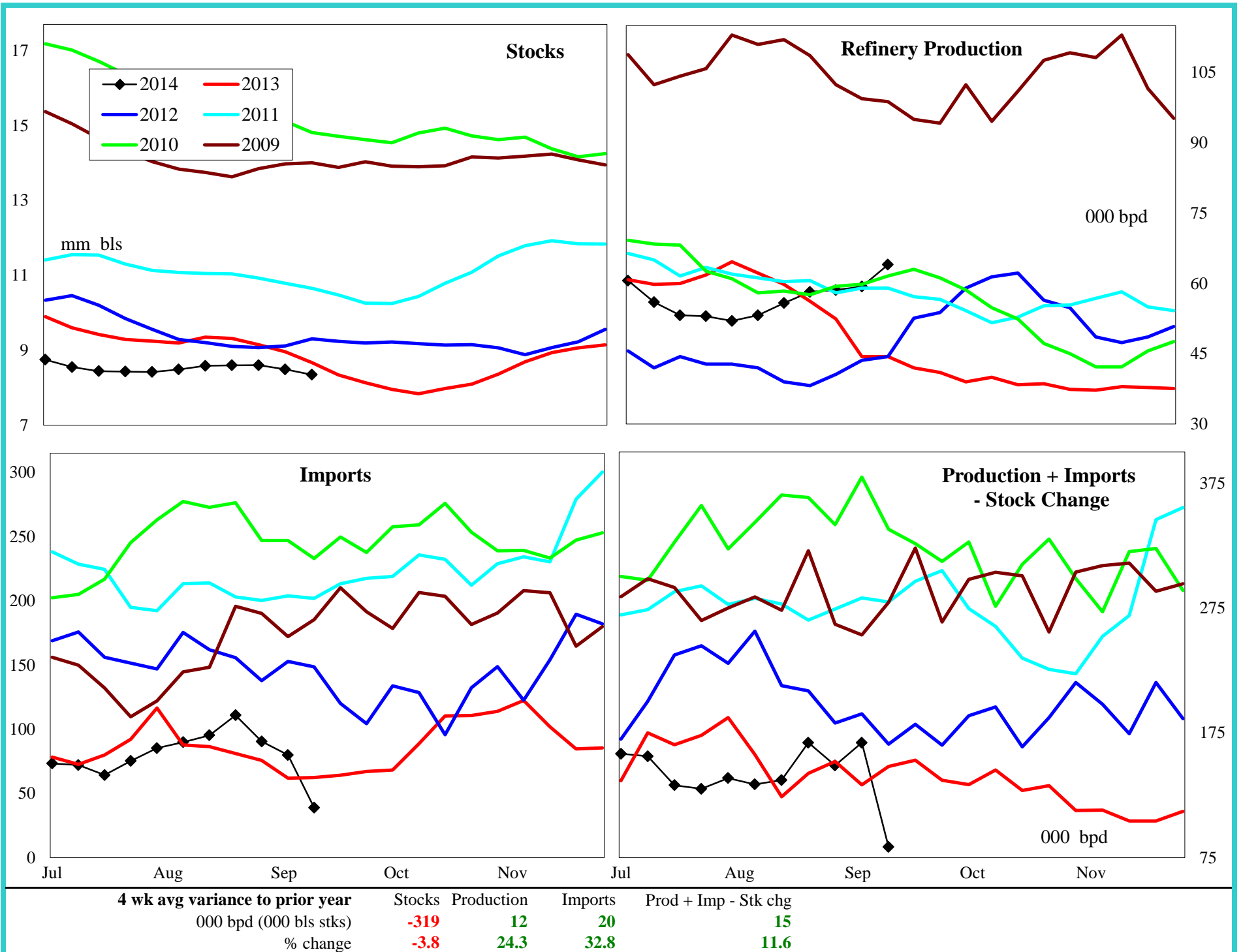
PADD 1 High Sulfur Distillate Stocks by Region



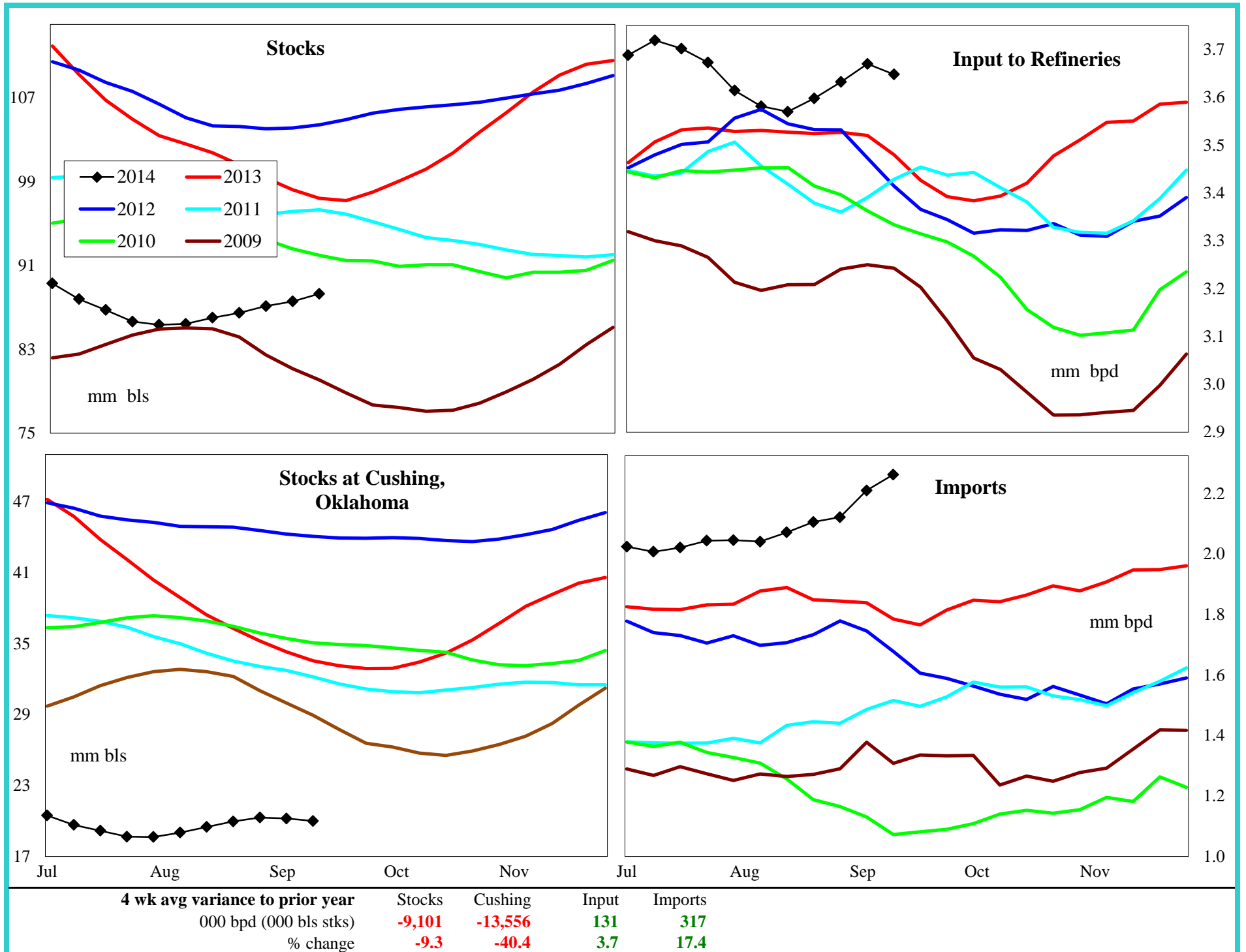
PADD 1 Jet Fuel Supply



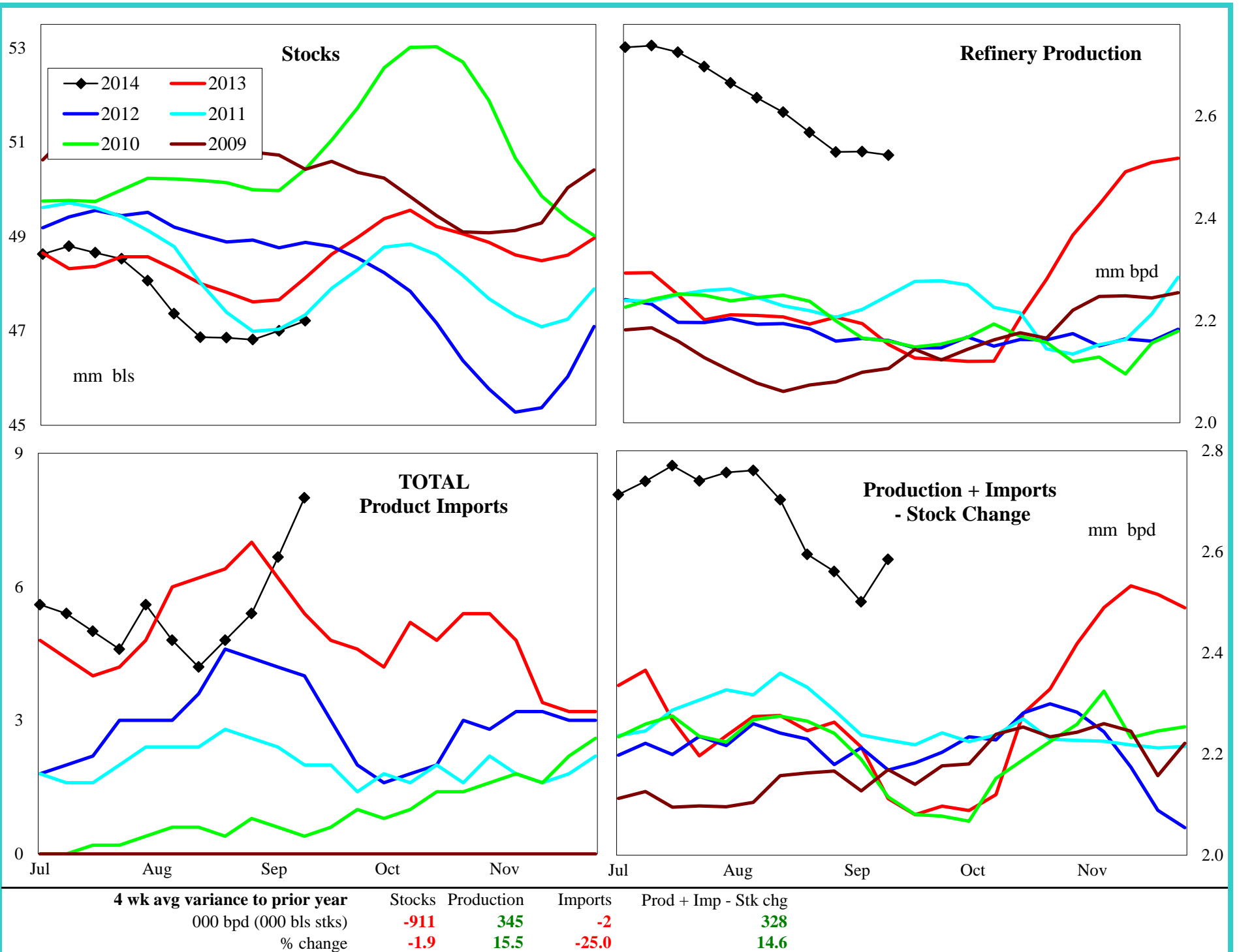
PADD 1 Residual Fuel Oil Supply



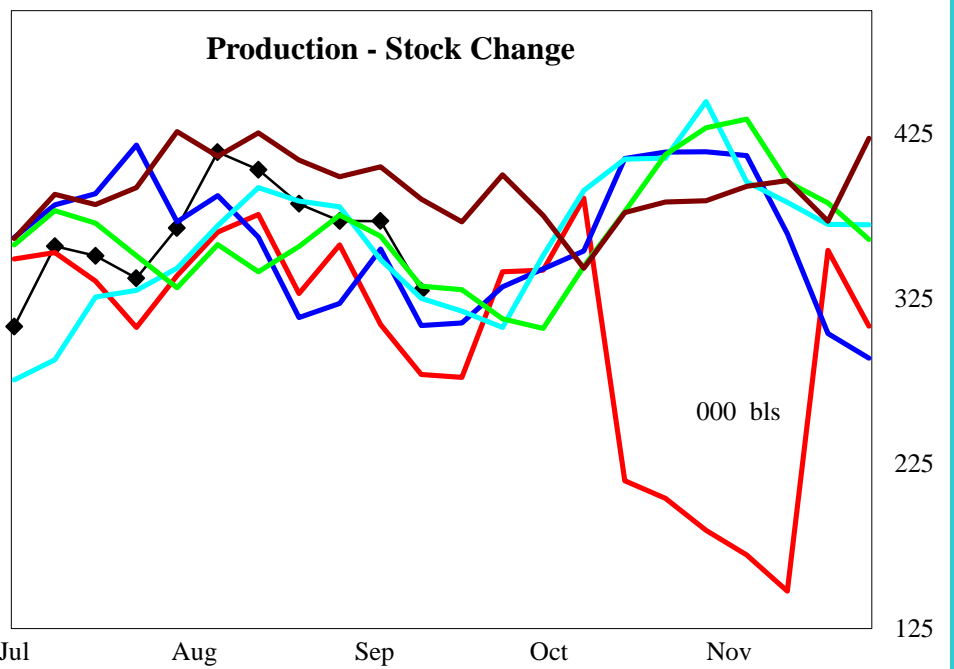
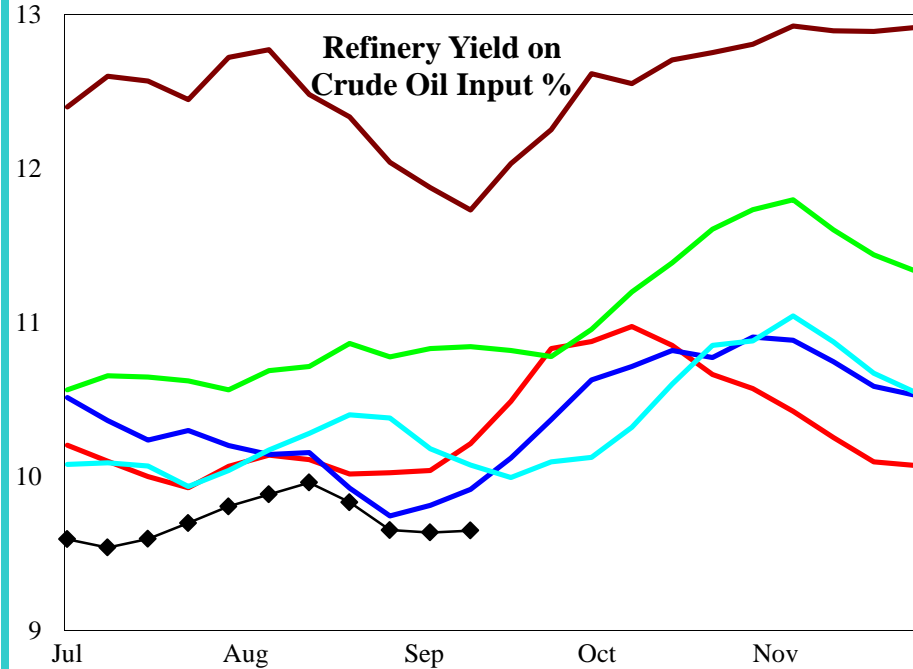
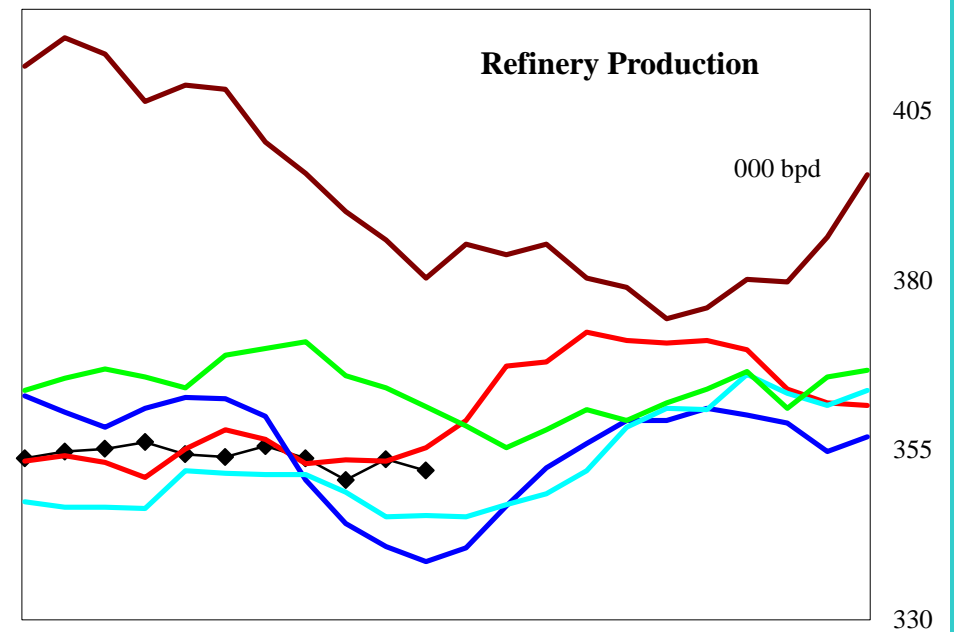
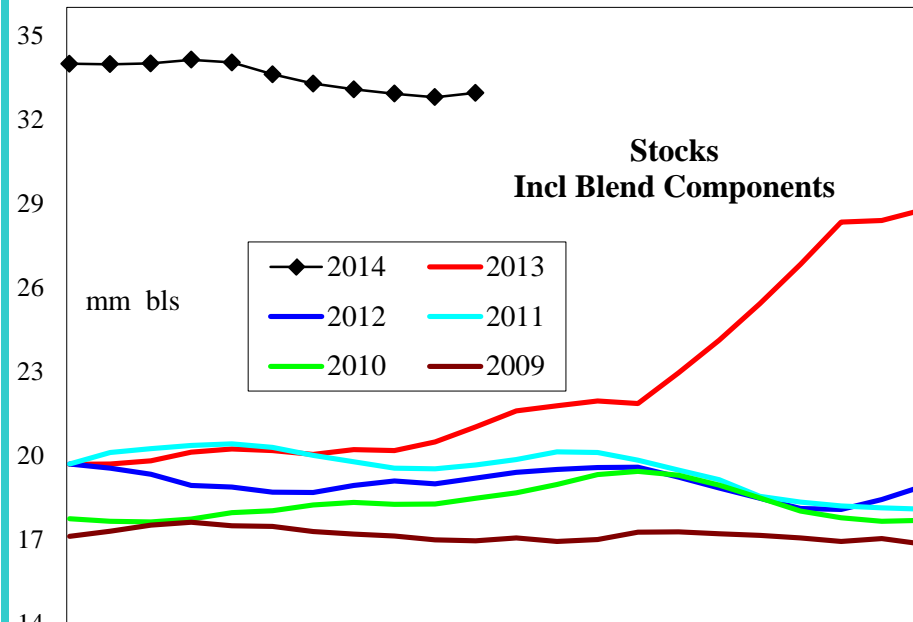
PADD 2 Crude Oil Supply and Refining



PADD 2 Gasoline Supply



PADD 2 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks Production

11,920 -1

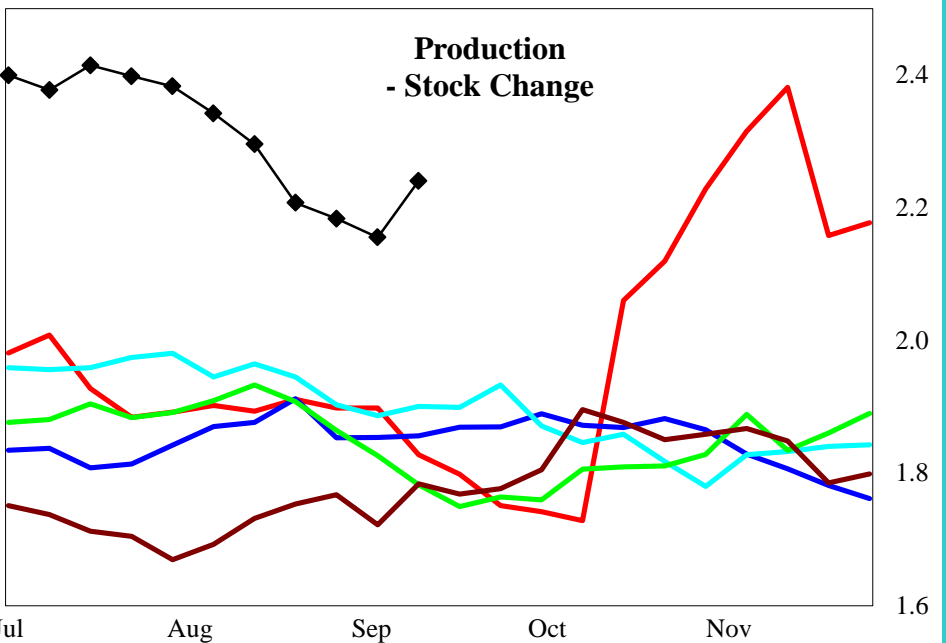
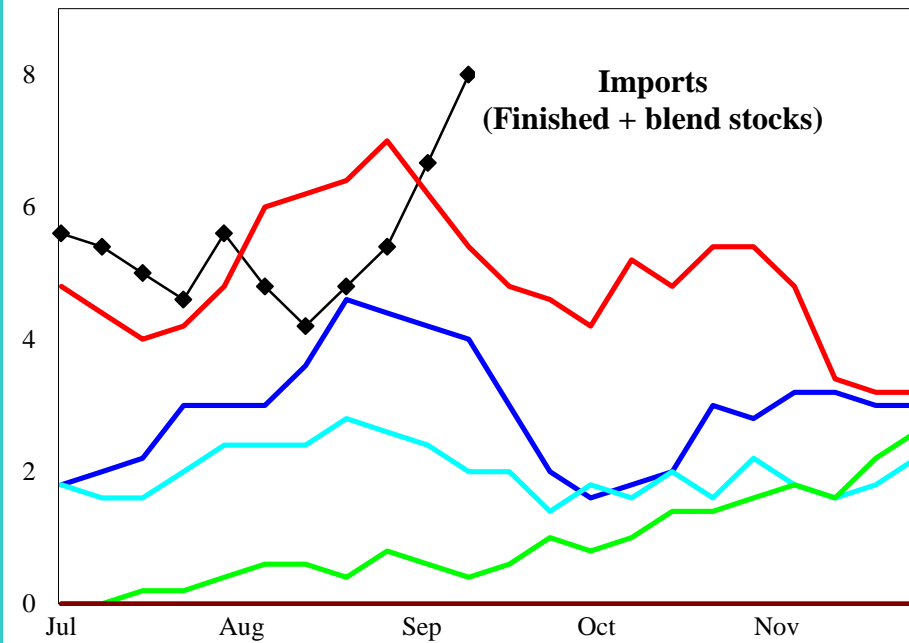
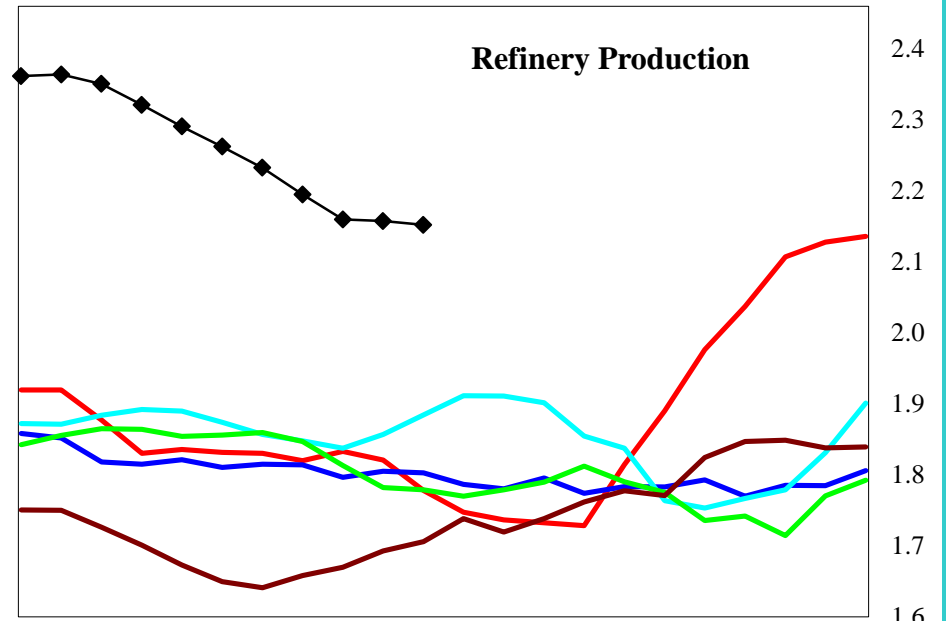
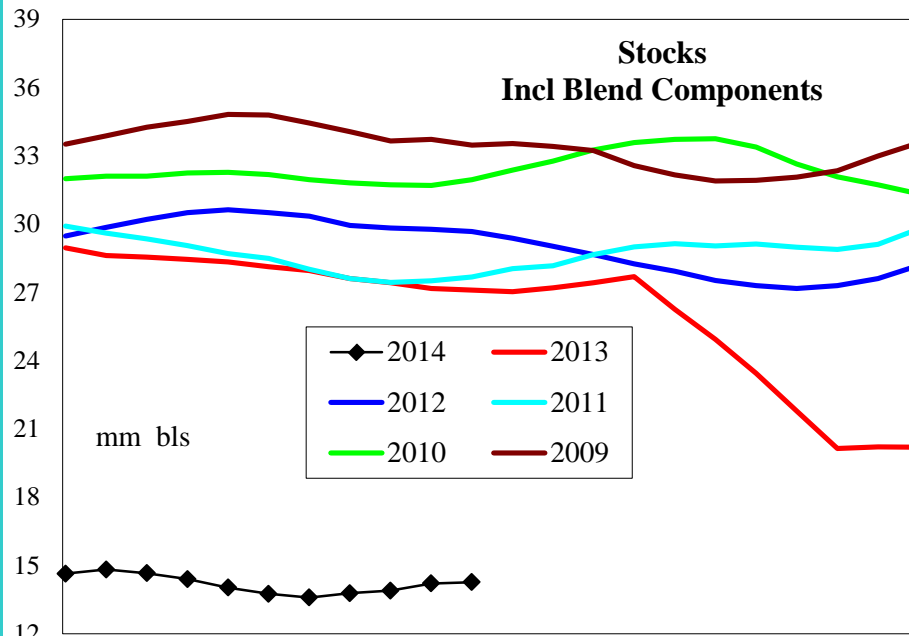
56.7 -0.4

Prod - Stk chg

46

14.3

PADD 2 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-12,992

-47.7

Production

342

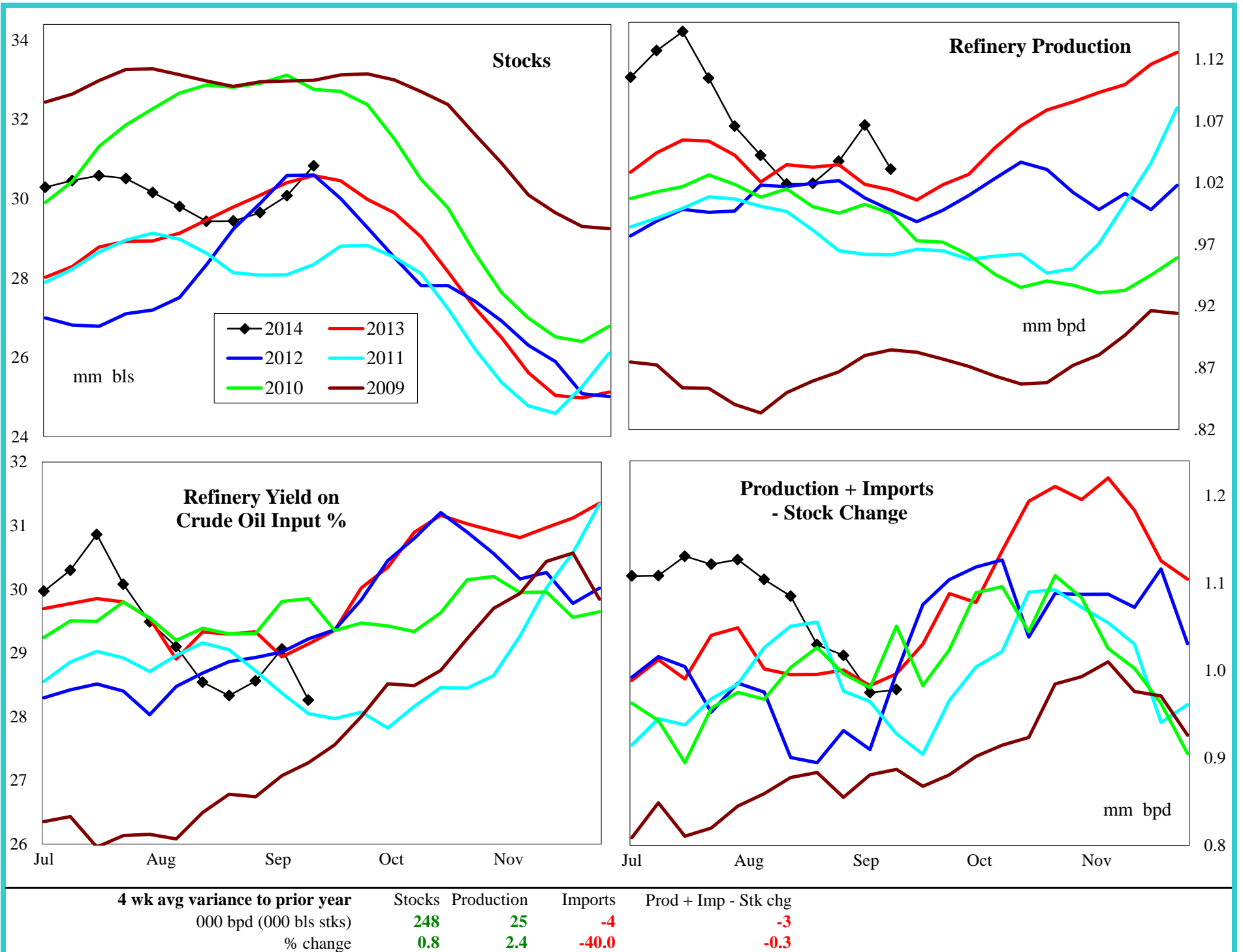
18.3

Prod - Stk chg

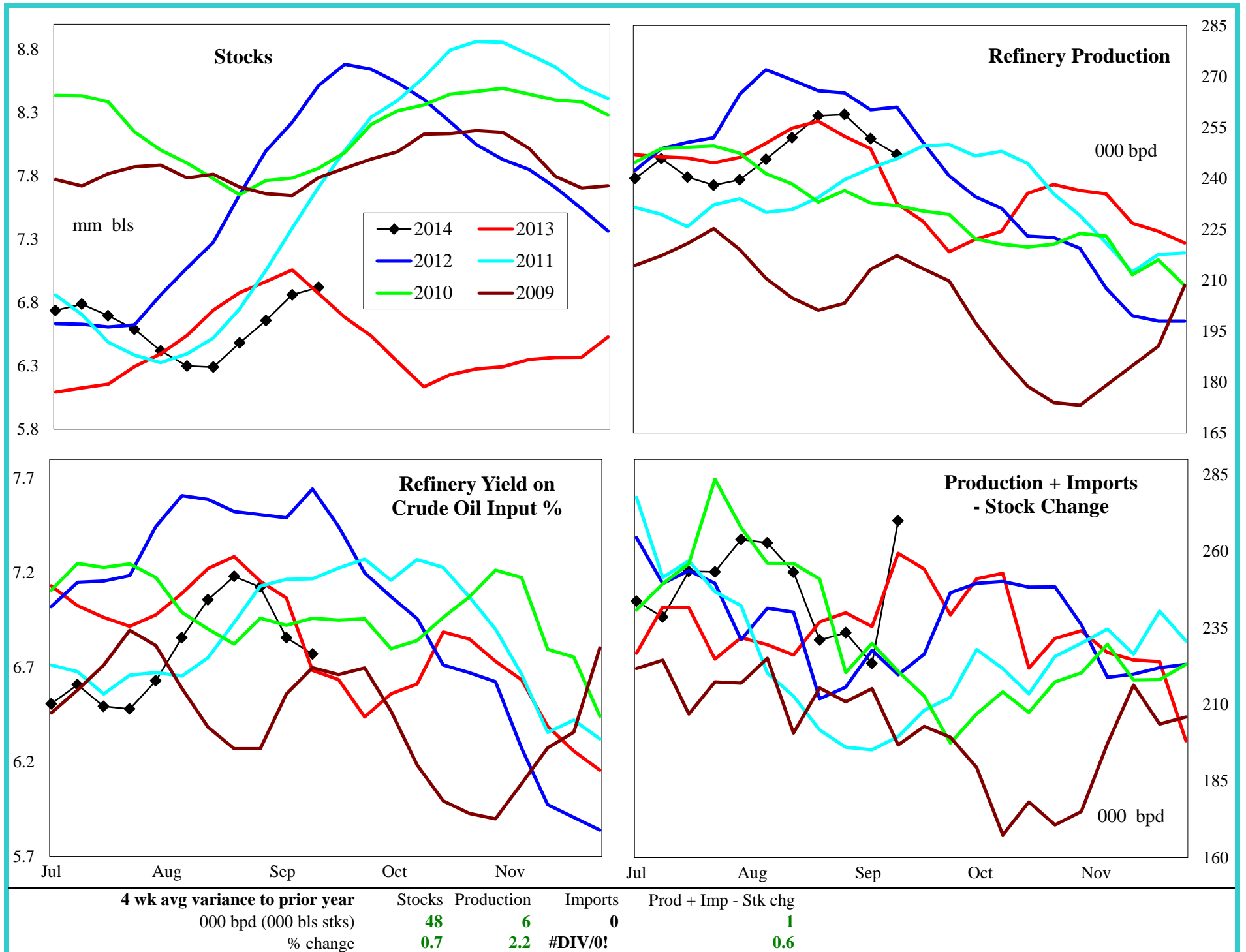
285

15.0

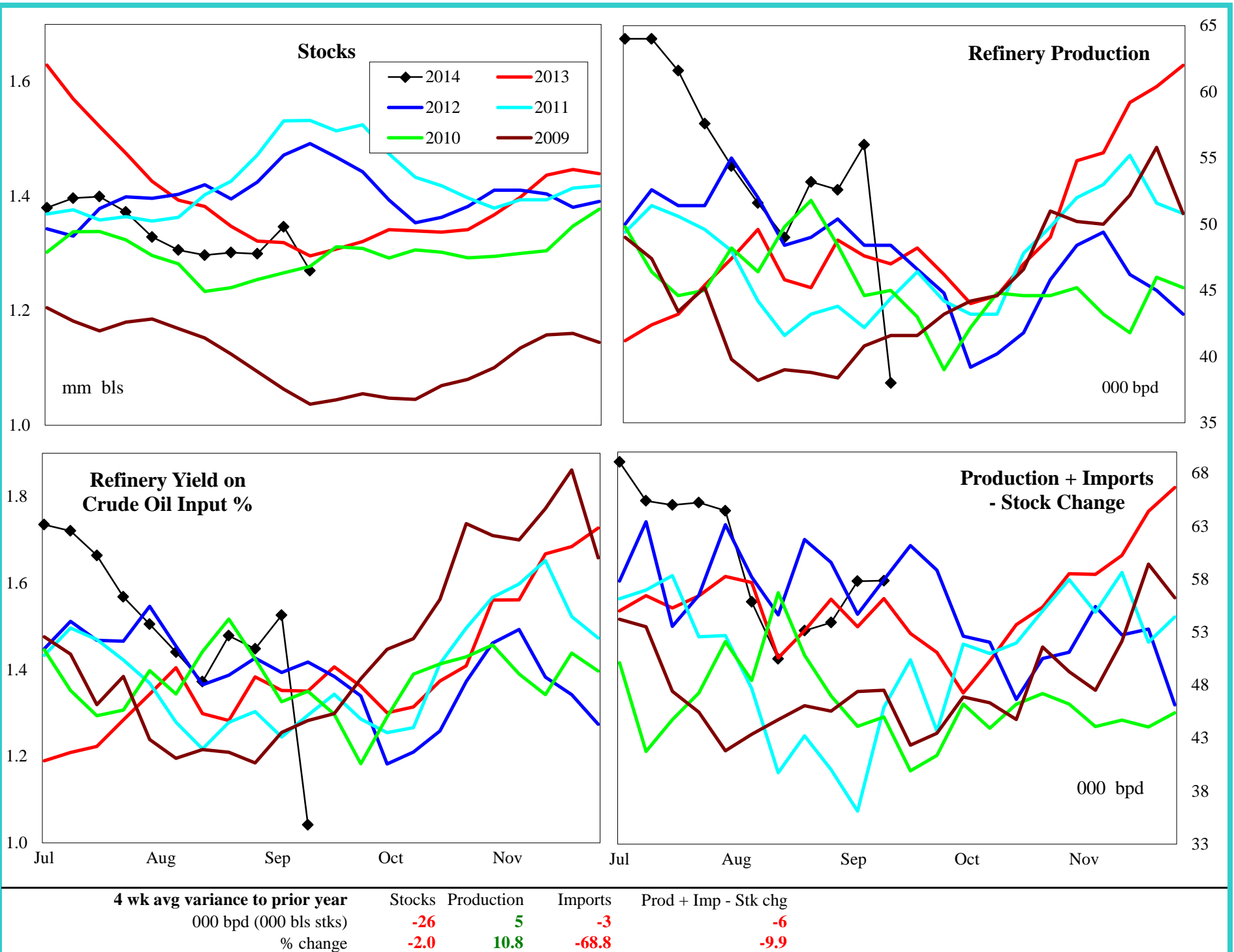
PADD 2 Distillate Supply



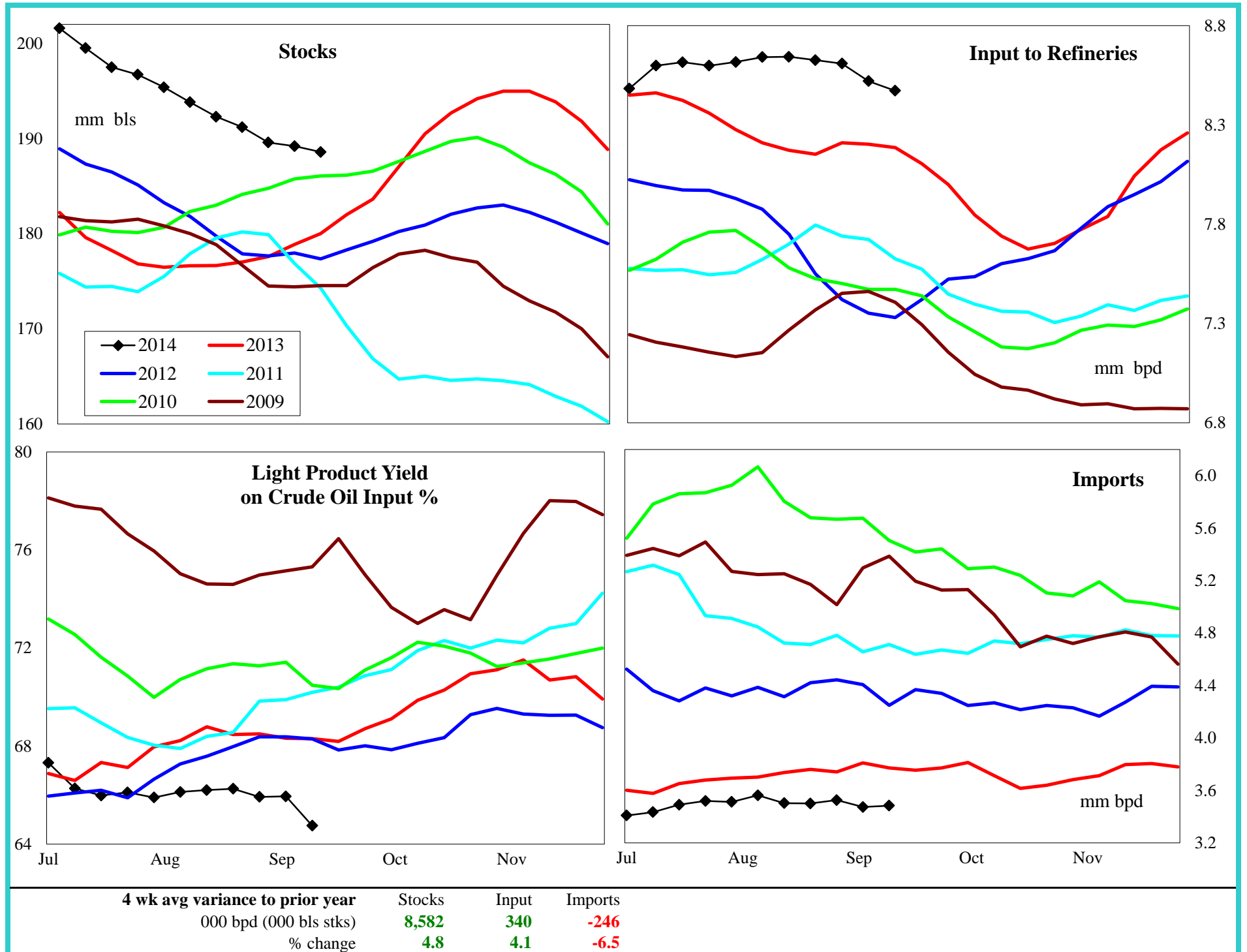
PADD 2 Jet Fuel Supply



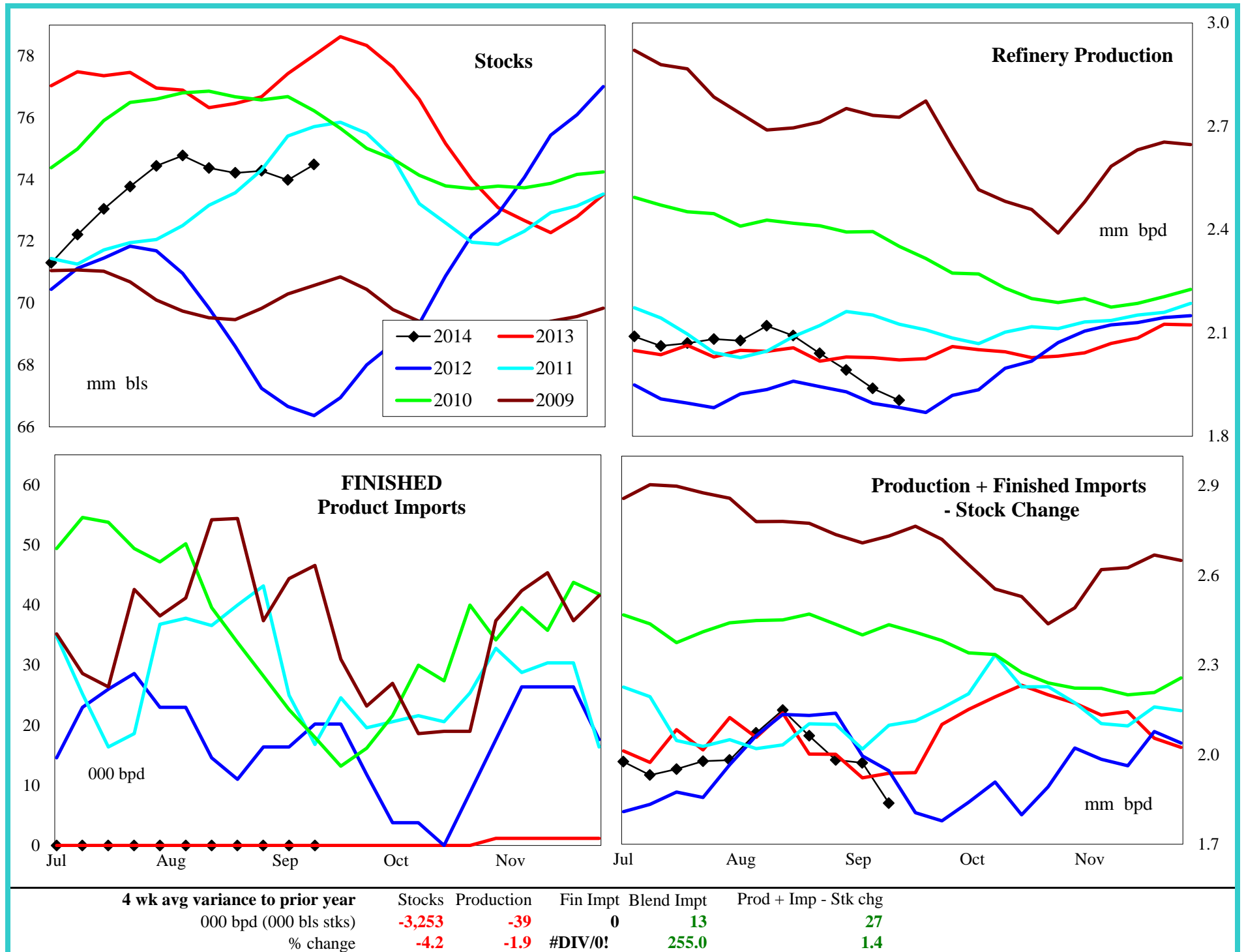
PADD 2 Residual Fuel Oil Supply



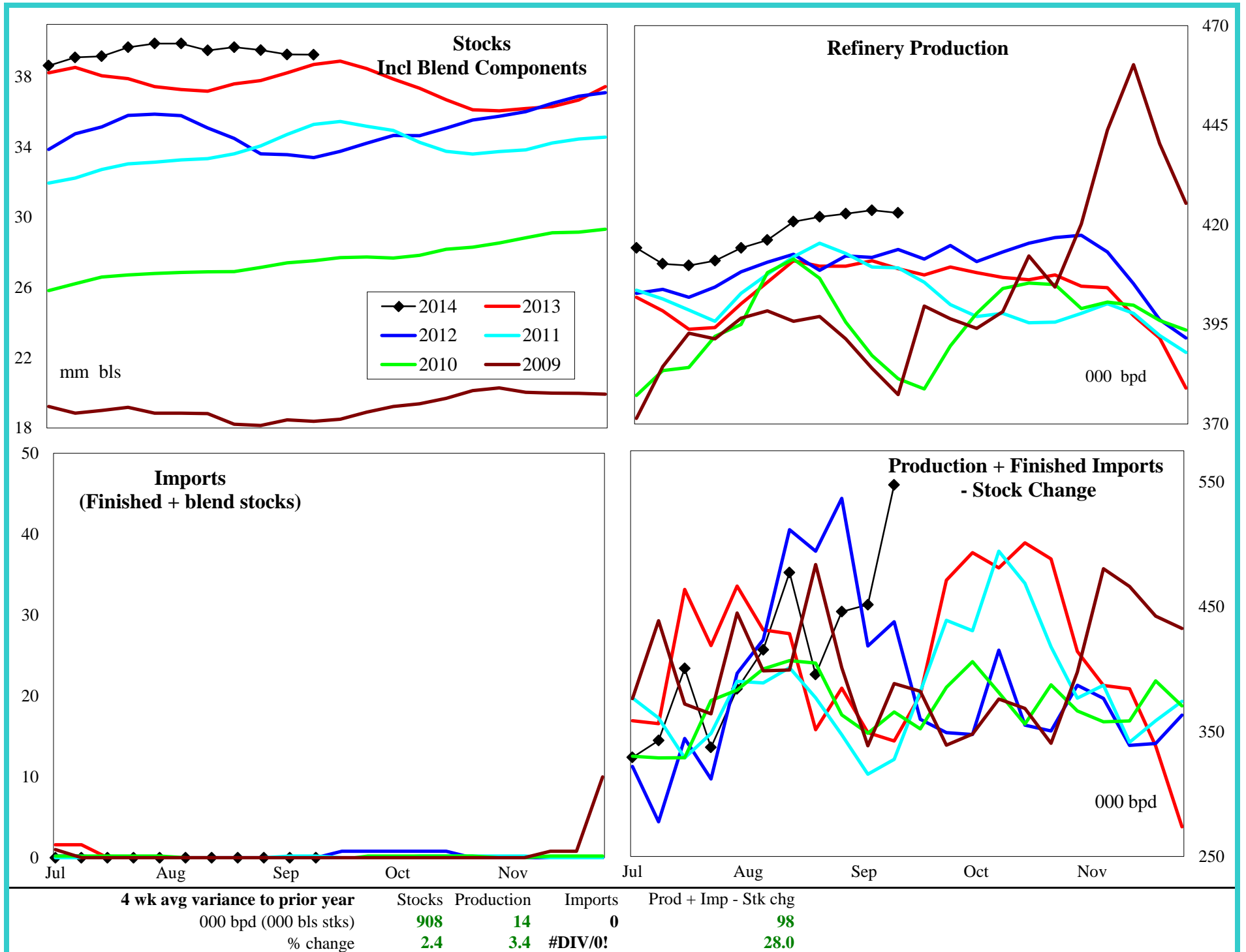
PADD 3 Crude Oil Supply and Refining



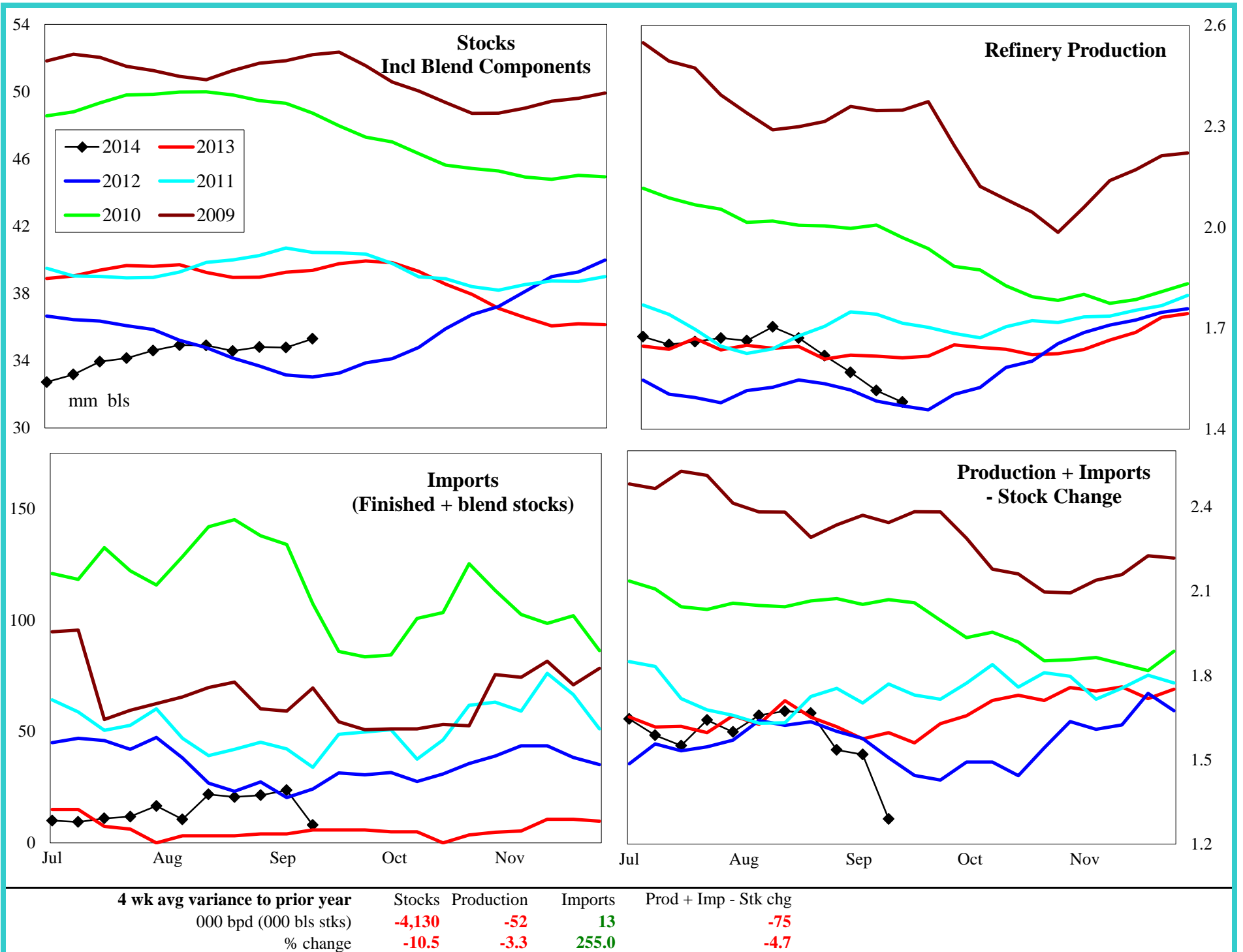
PADD 3 Gasoline Supply



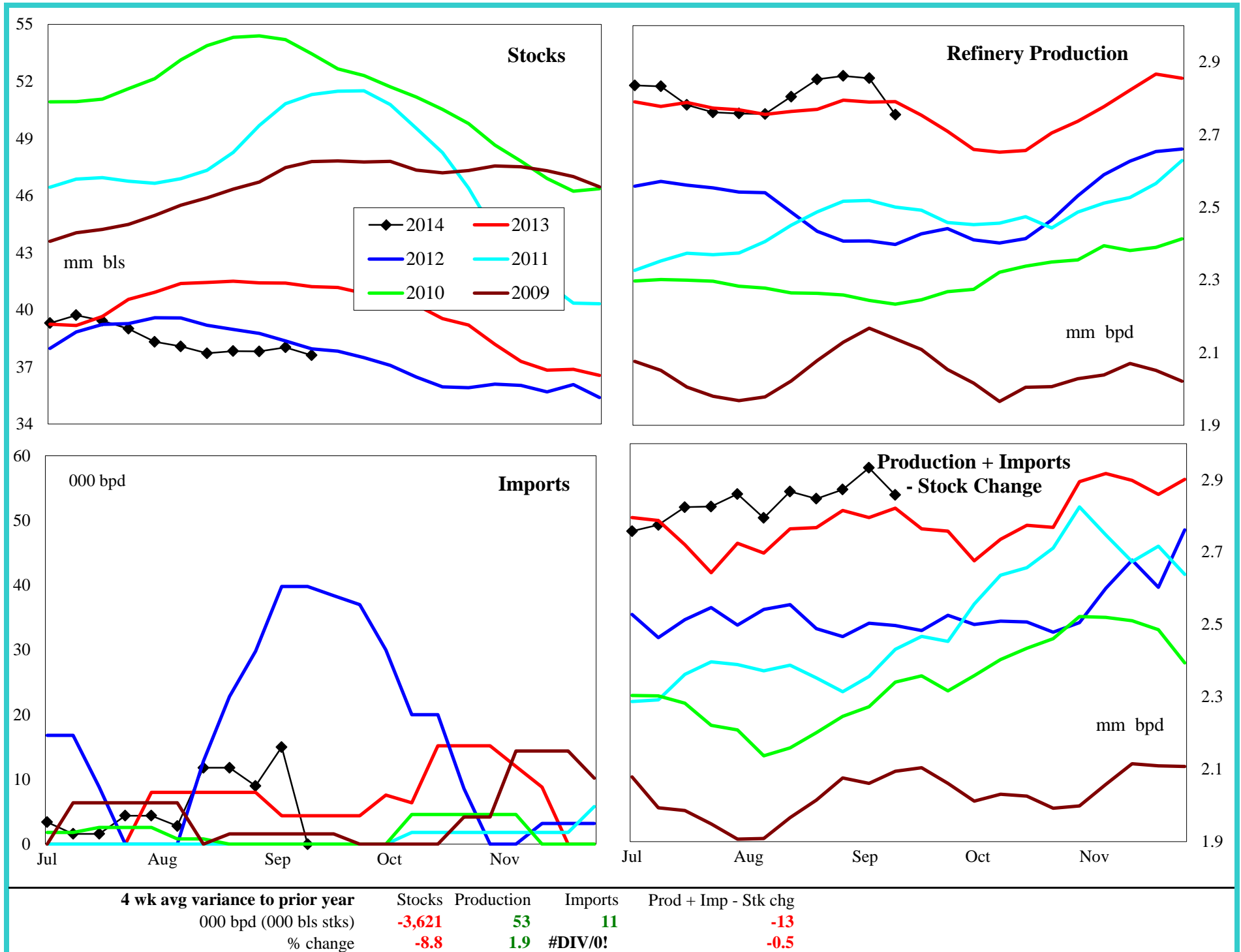
PADD 3 Reformulated Gasoline Supply



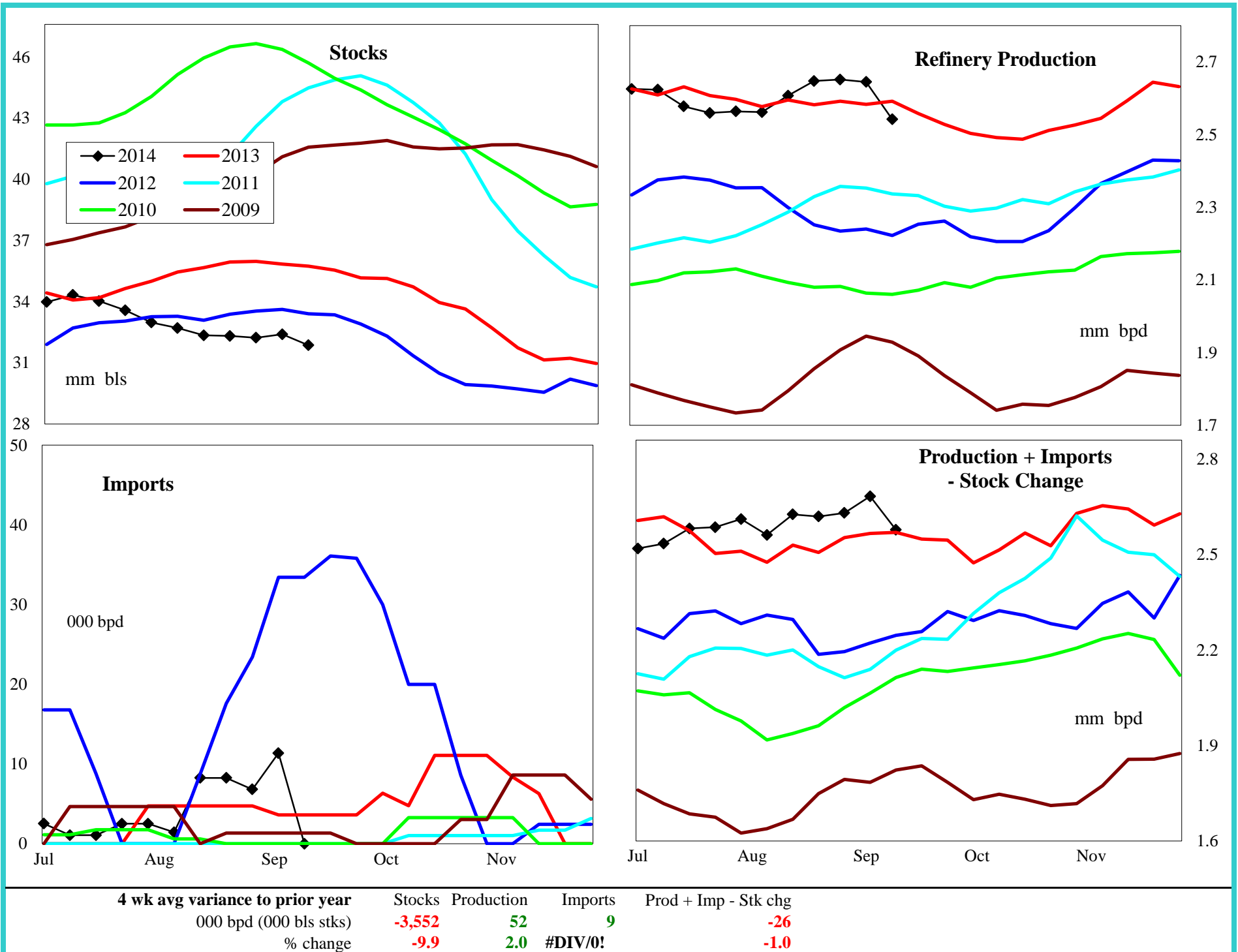
PADD 3 Conventional Gasoline Supply



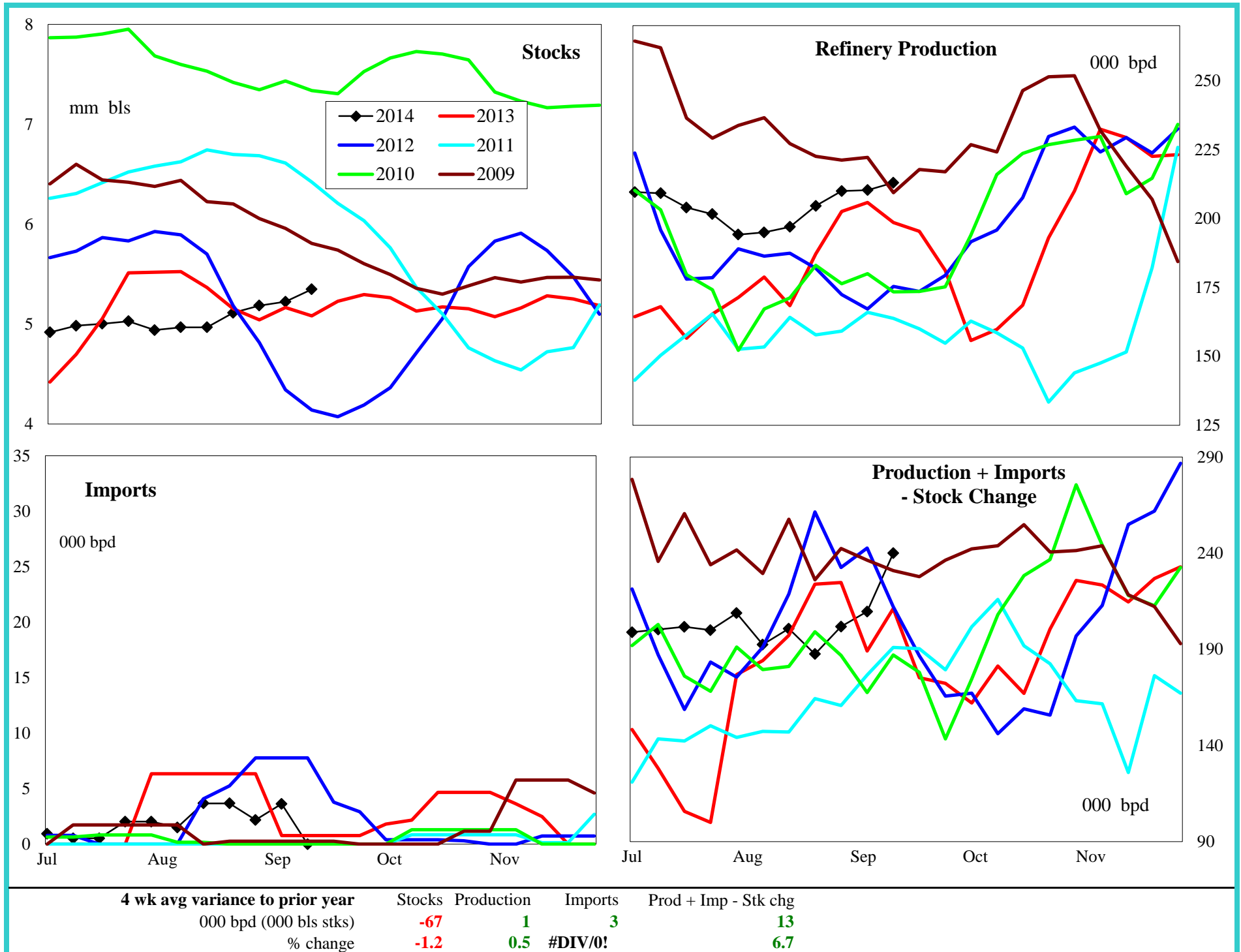
PADD 3 Distillate Supply



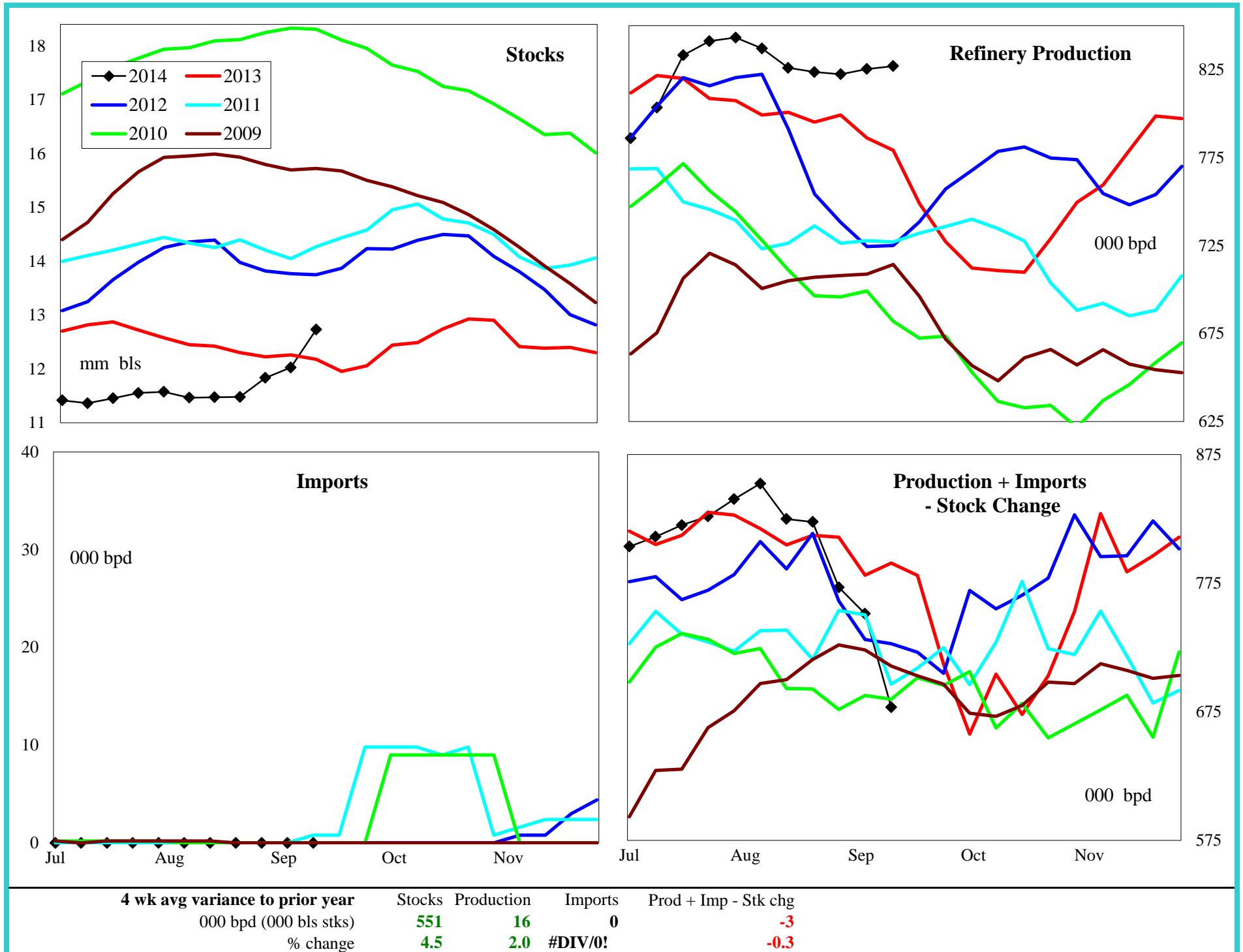
PADD 3 Low Sulfur Distillate Supply



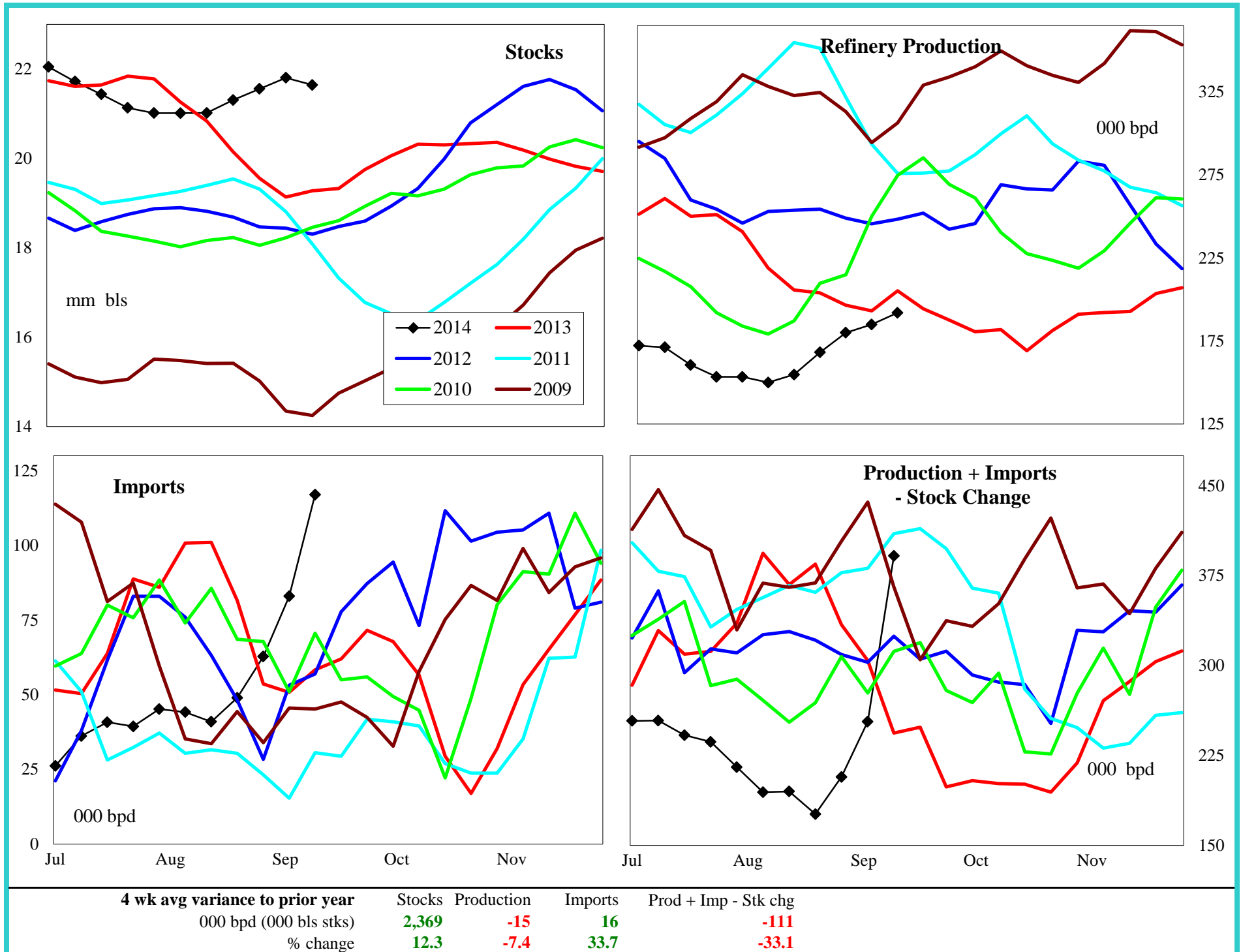
PADD 3 High Sulfur Distillate Supply



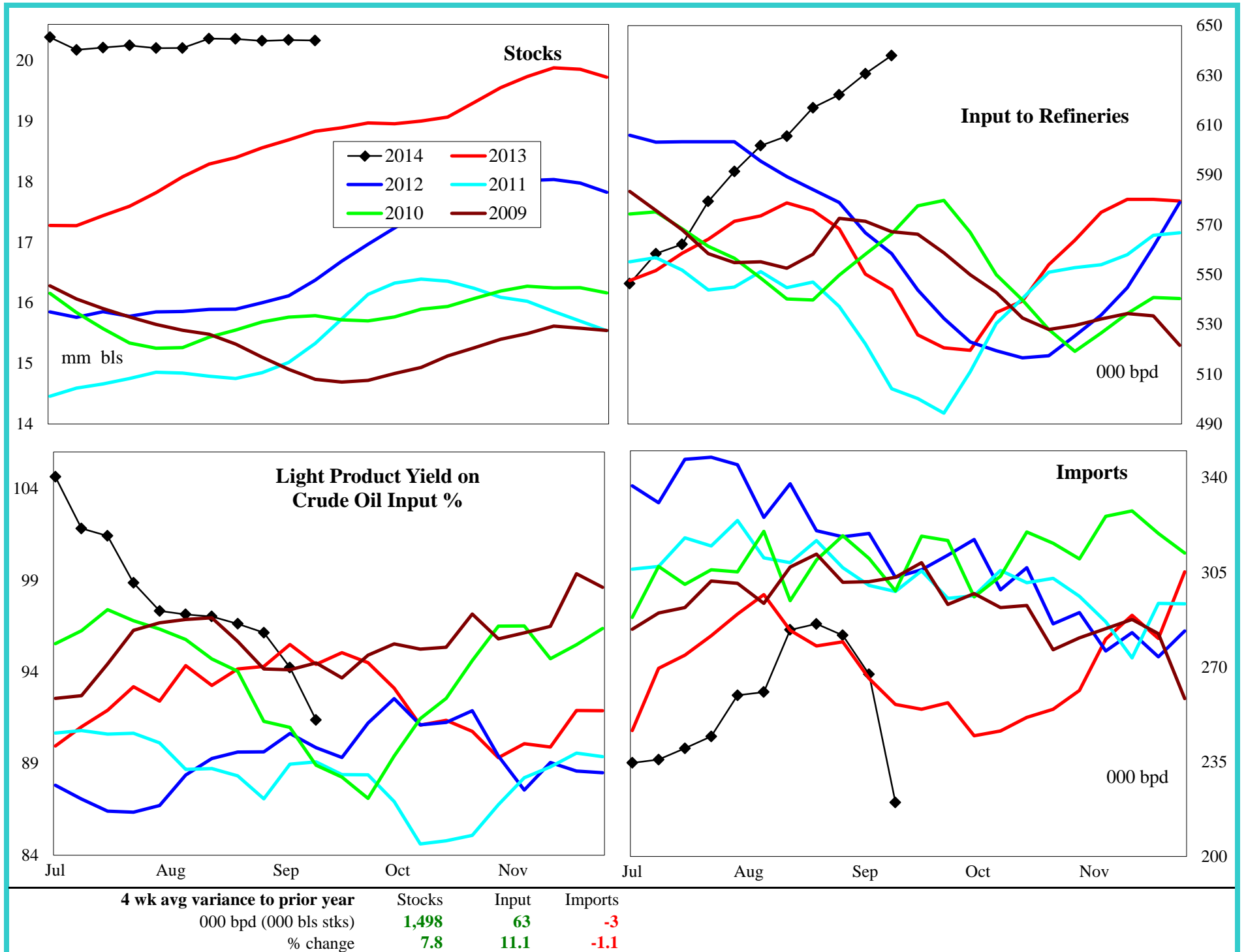
PADD 3 Jet Fuel Supply



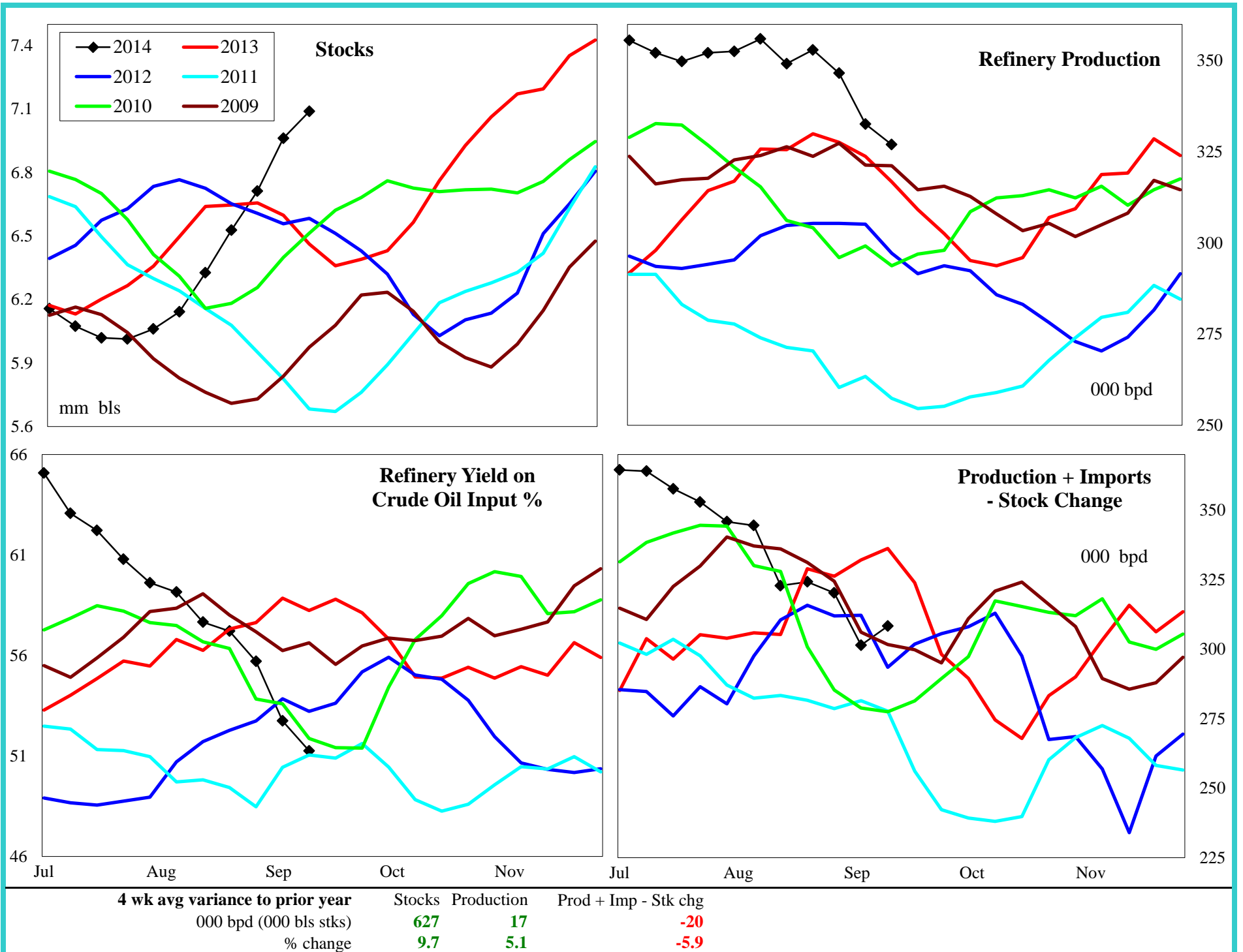
PADD 3 Residual Fuel Oil Supply



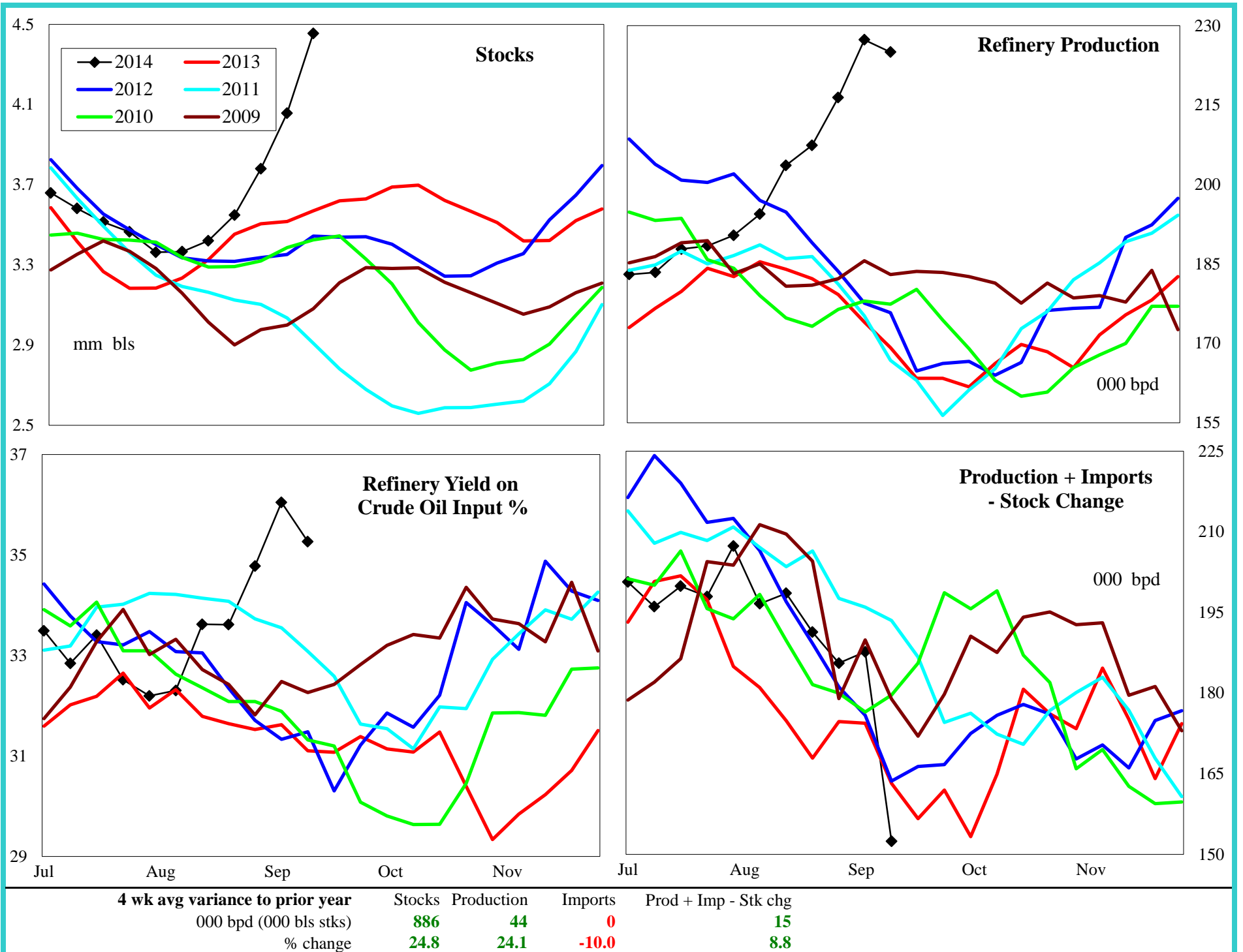
PADD 4 Crude Oil Supply and Refining



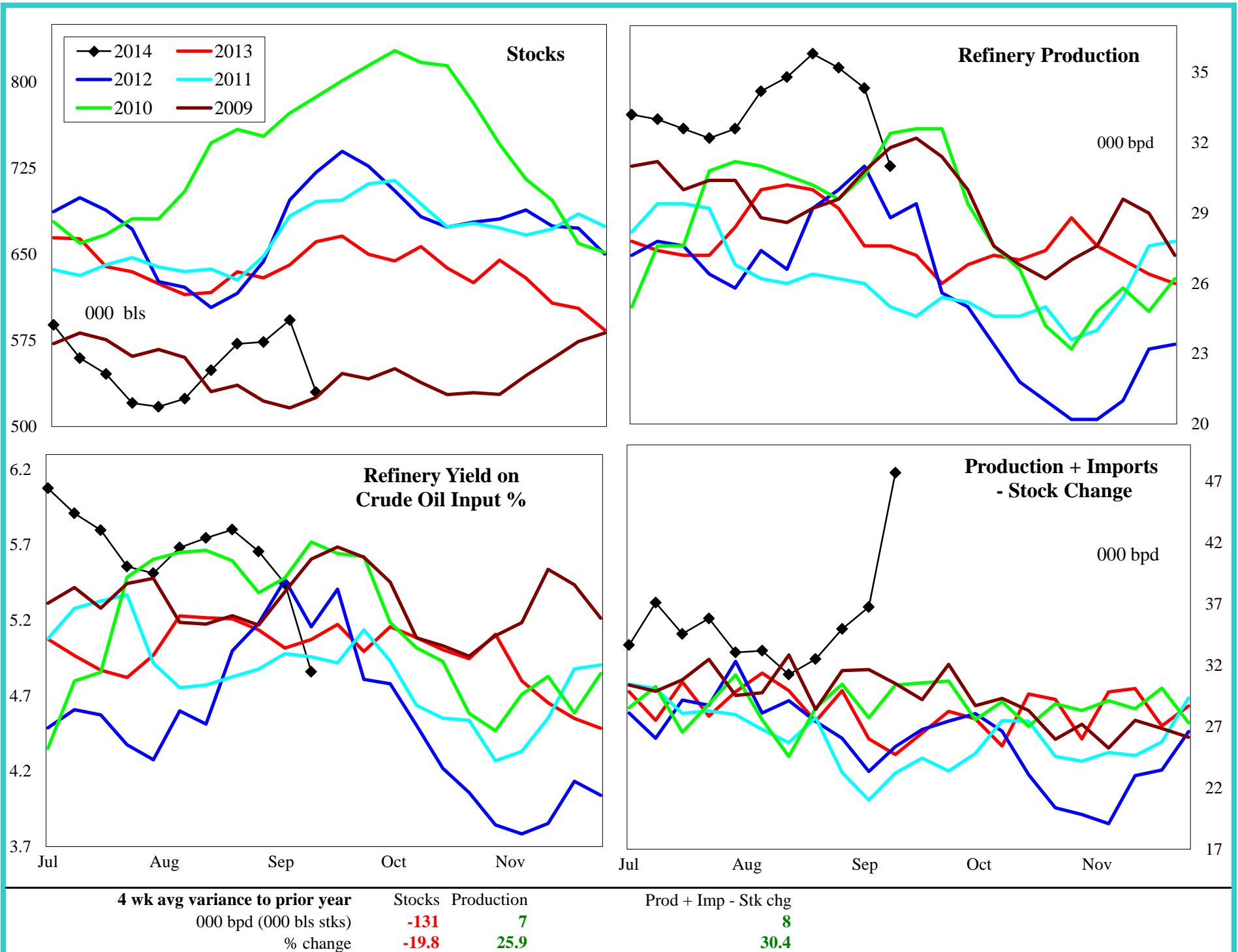
PADD 4 Gasoline Supply



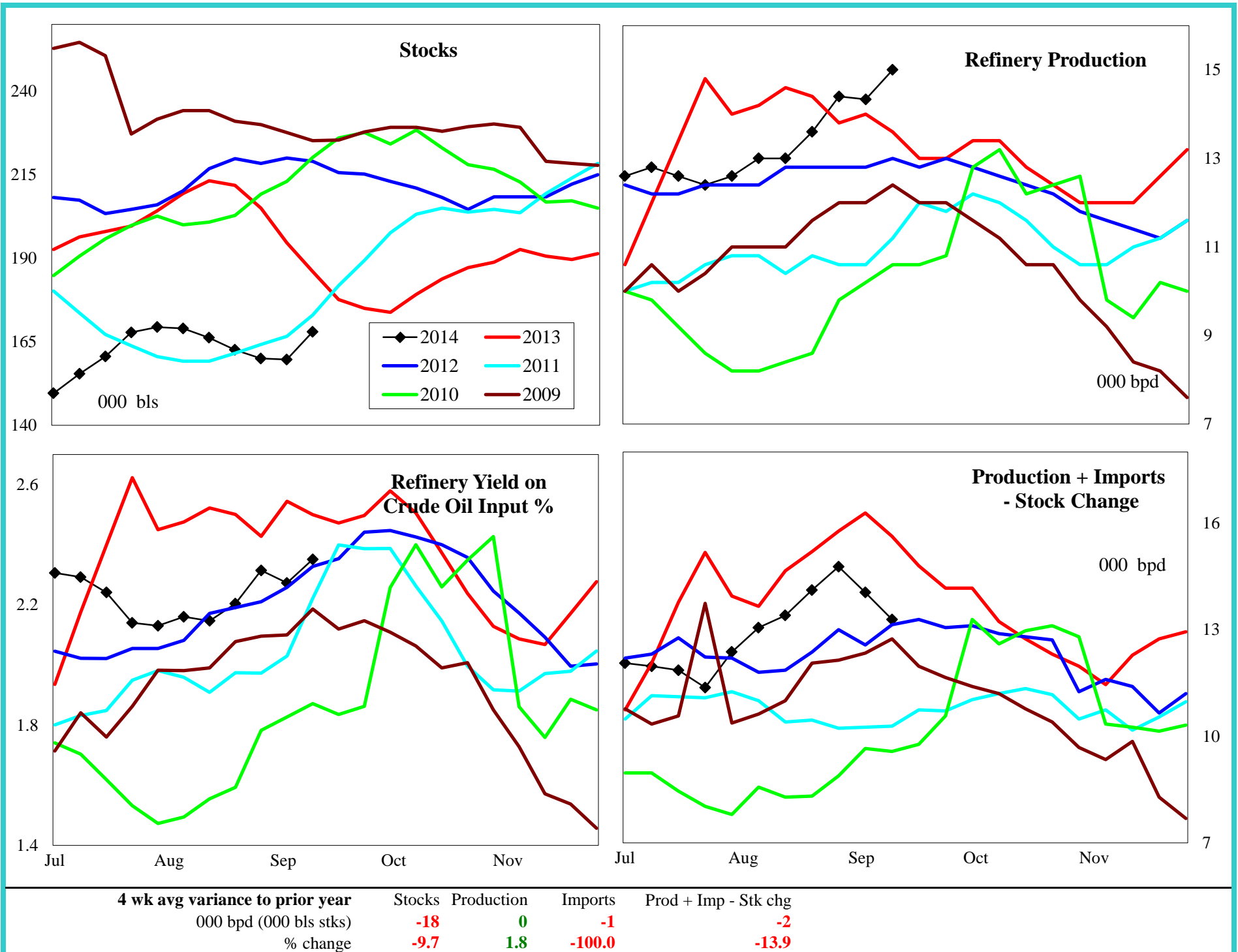
PADD 4 Distillate Supply



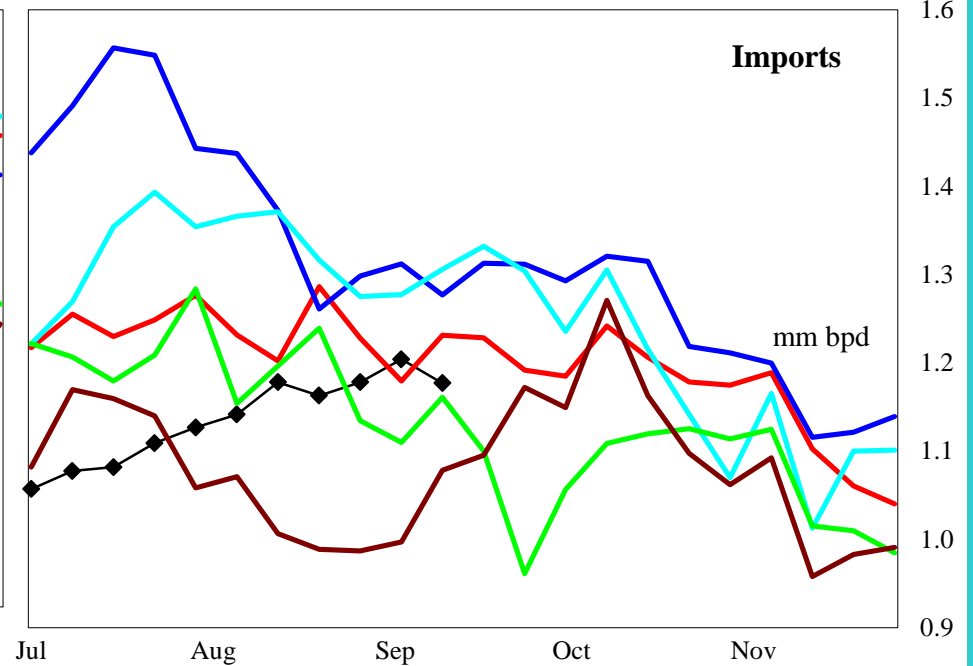
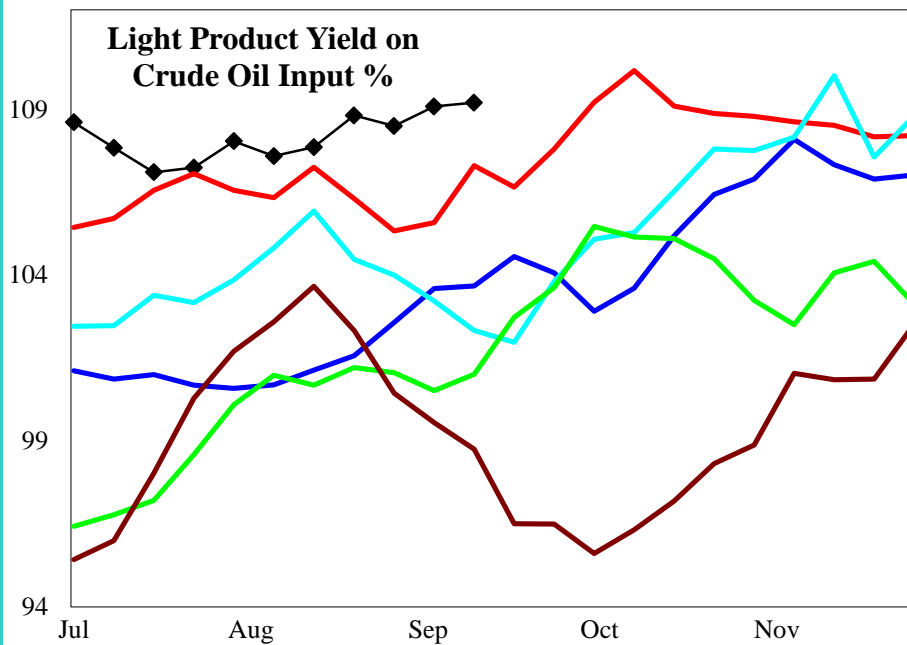
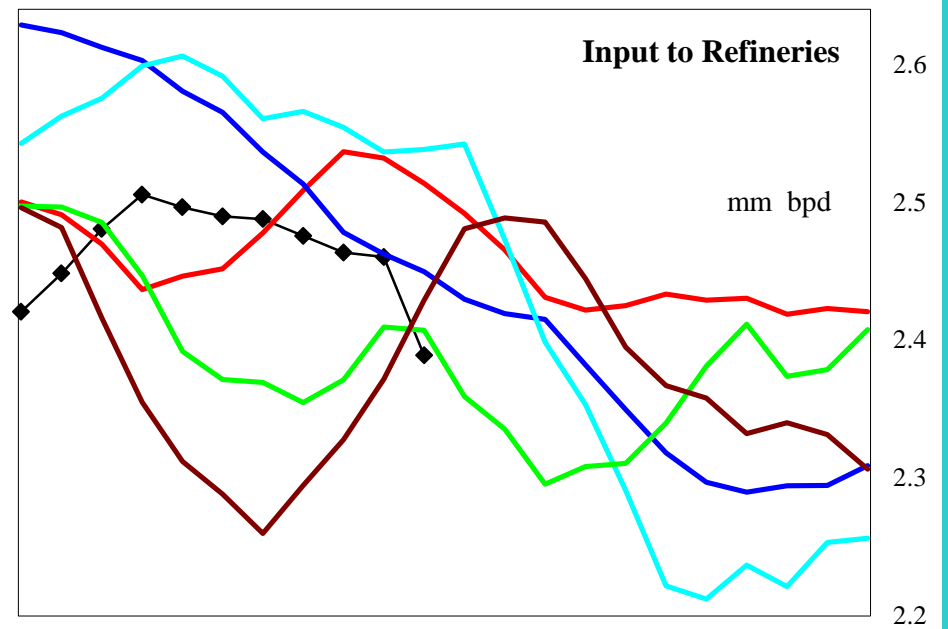
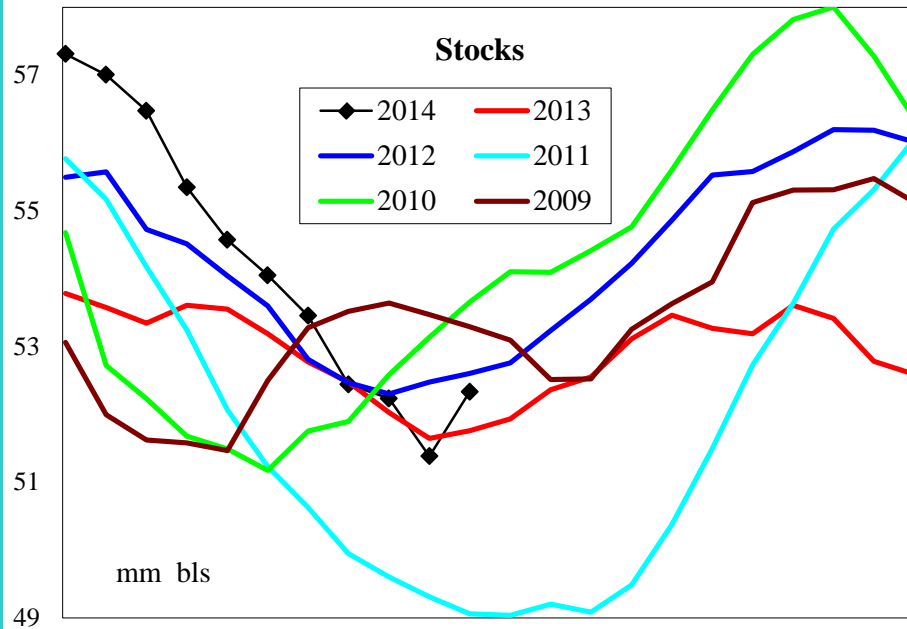
PADD 4 Jet Fuel Supply



PADD 4 Residual Fuel Oil Supply



PADD 5 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

577

1.1

Input

-71

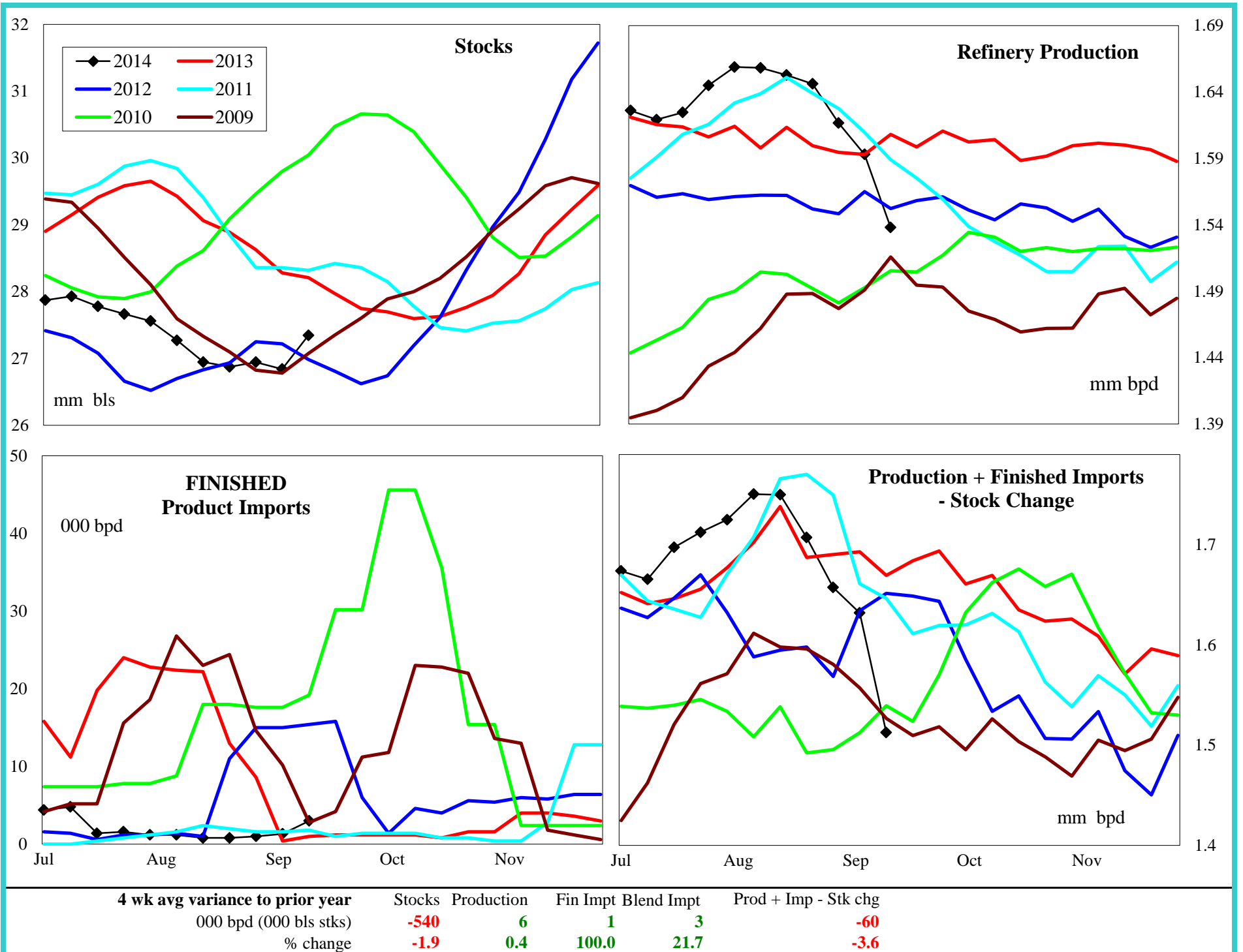
-2.8

Imports

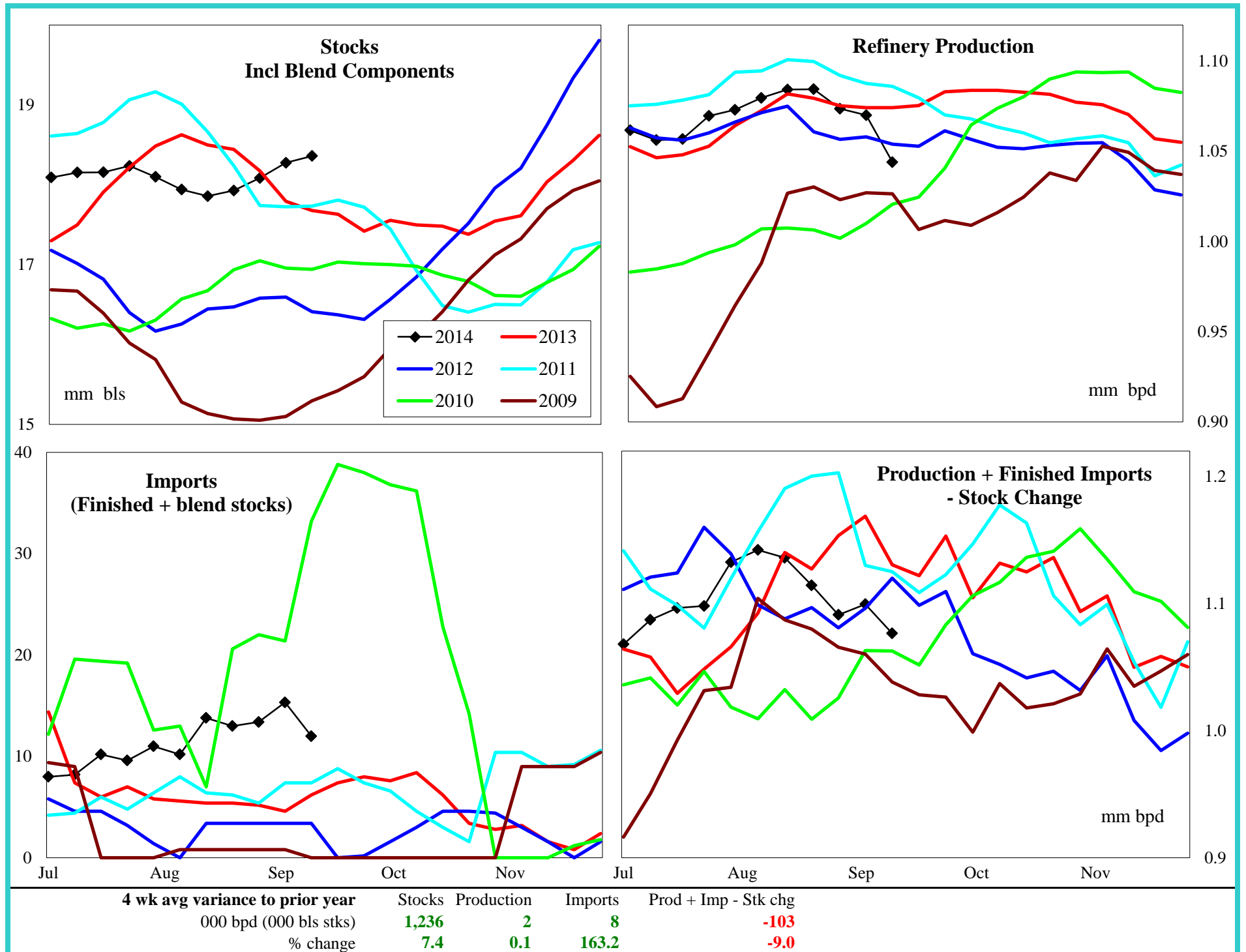
-27

-2.2

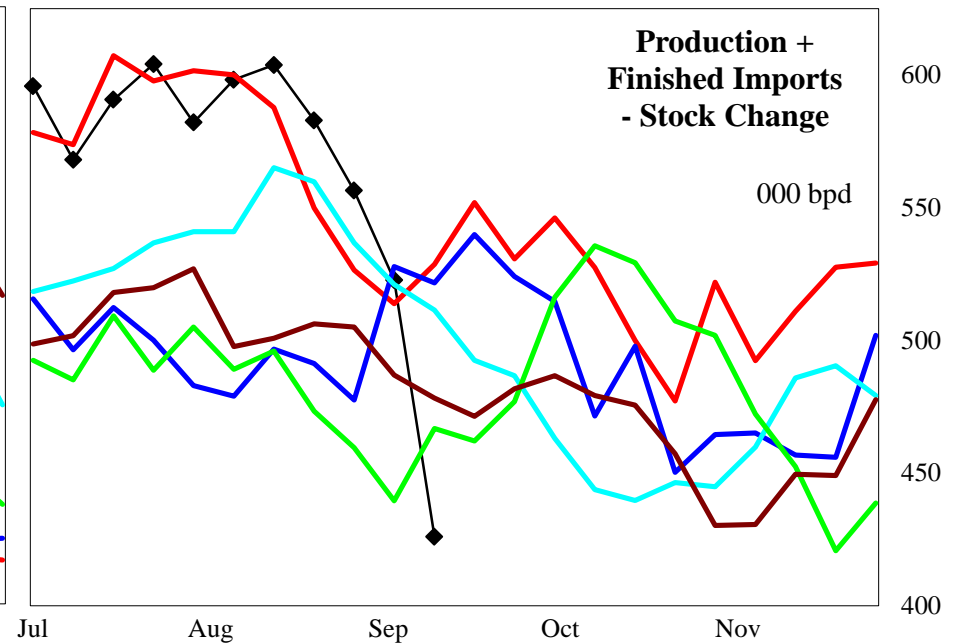
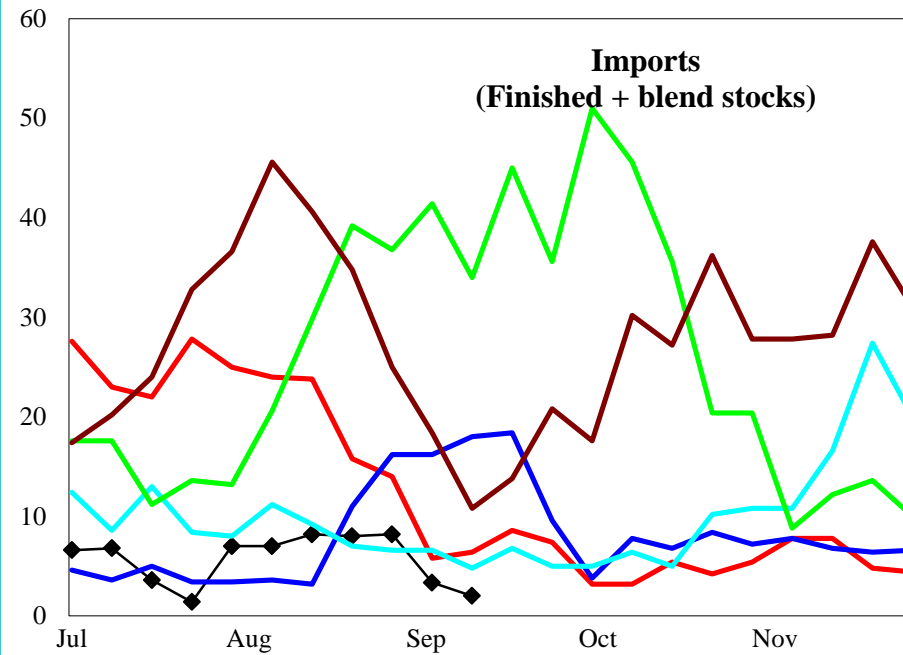
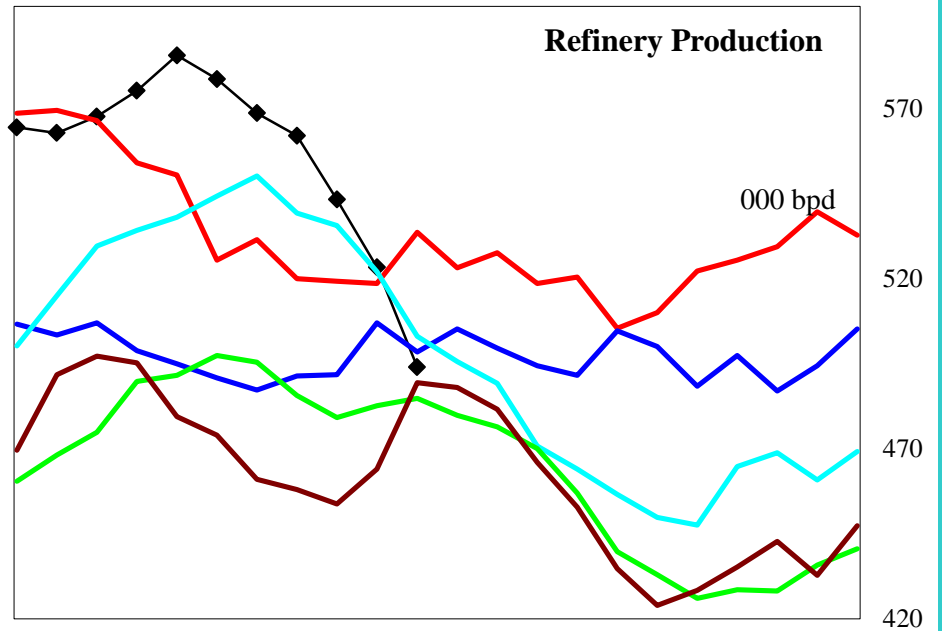
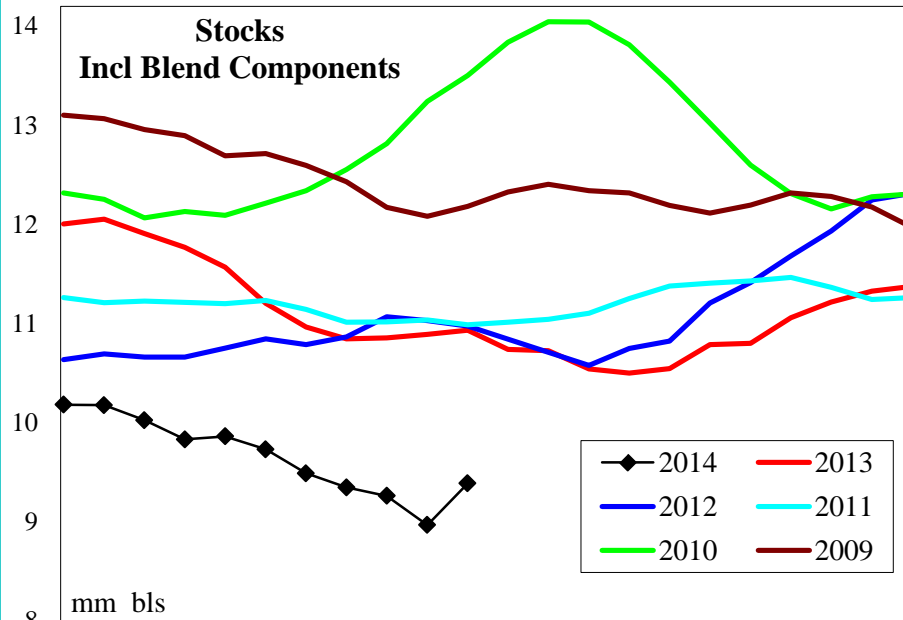
PADD 5 Gasoline Supply



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

-1,776

5

-5

44

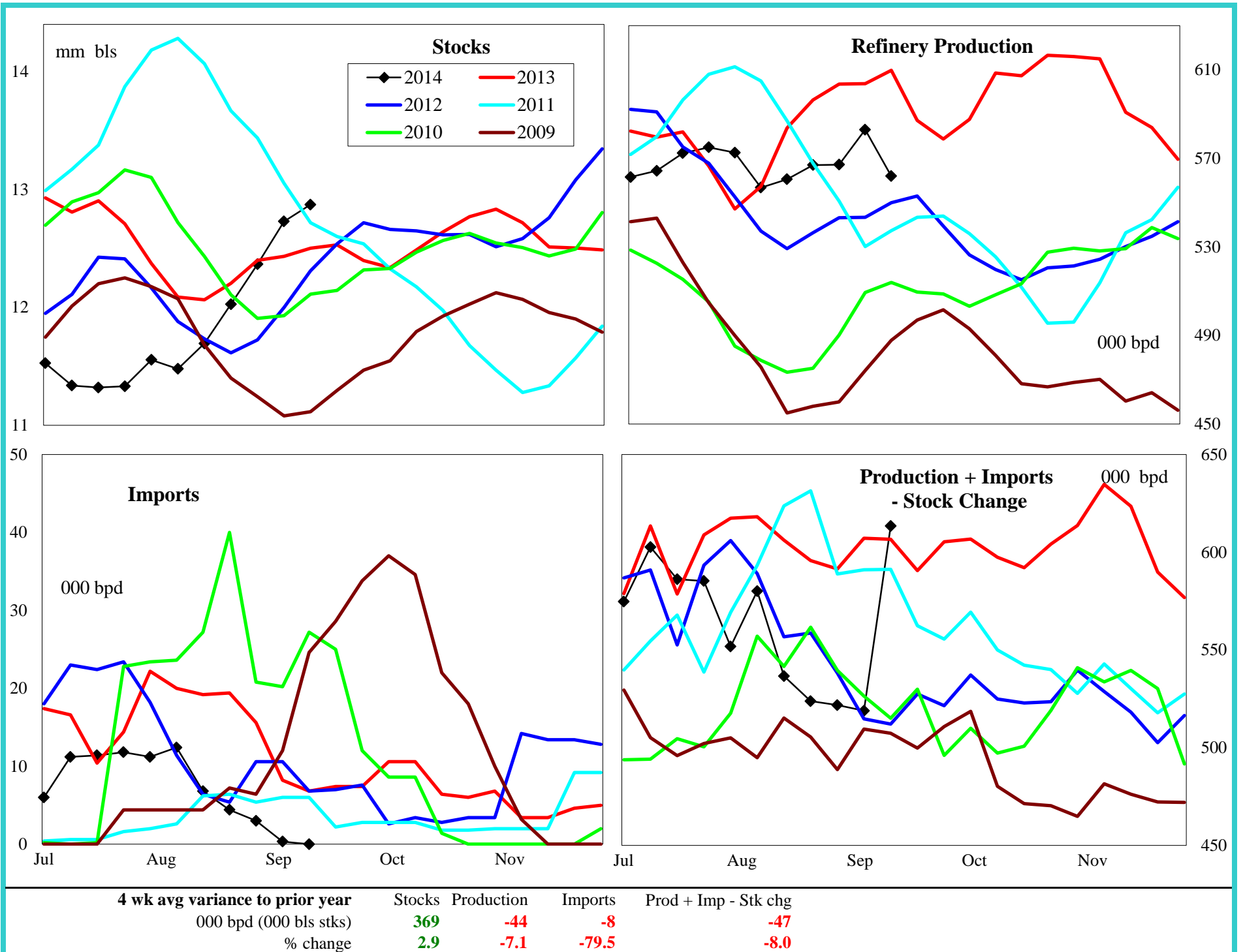
-15.9

1.0

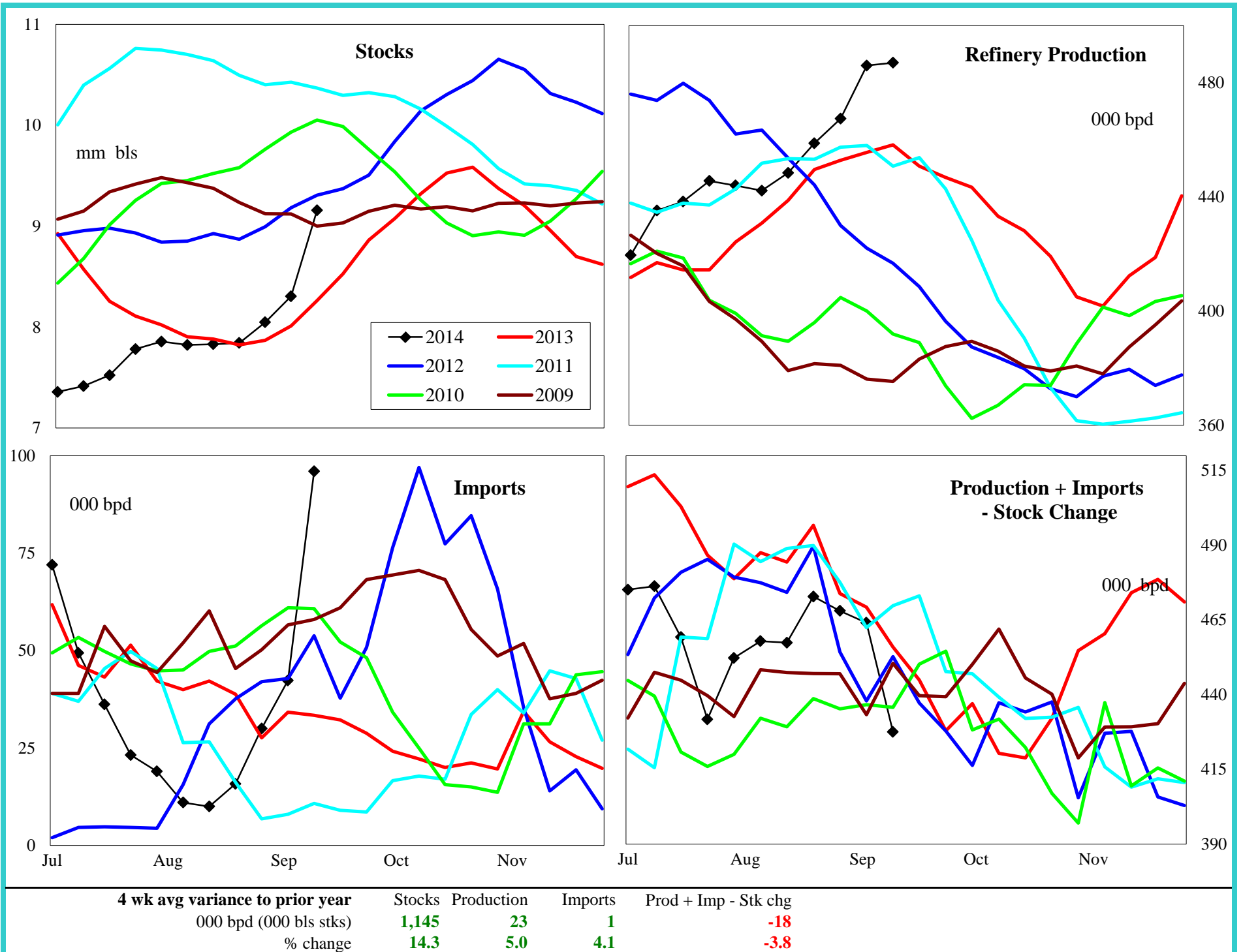
-65.5

8.6

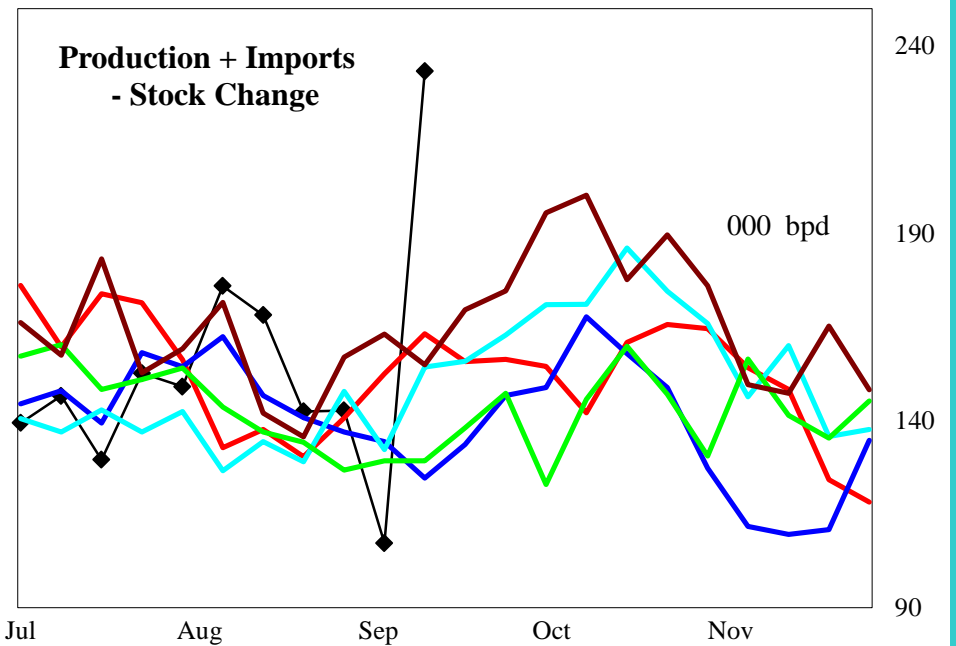
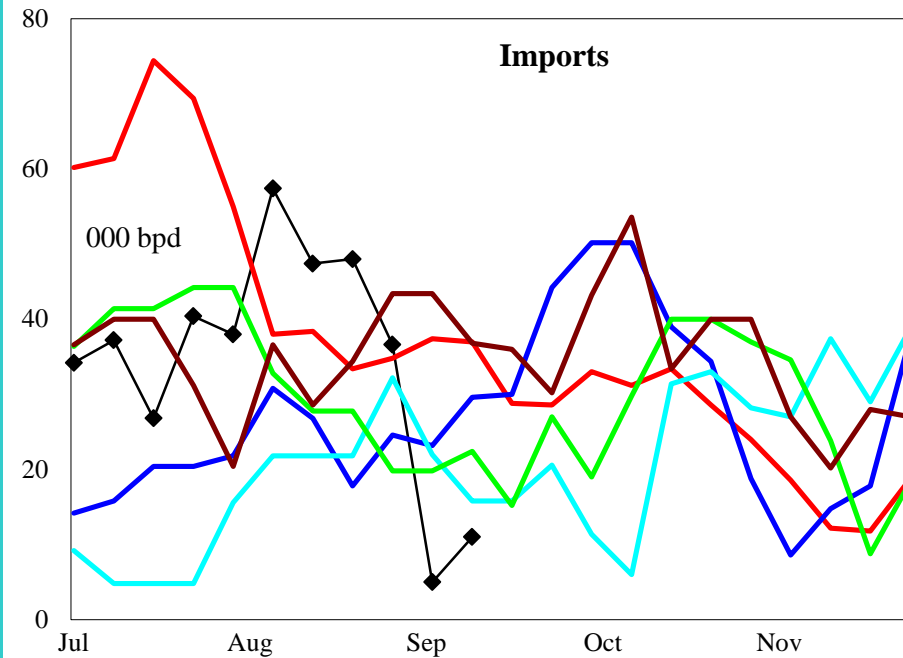
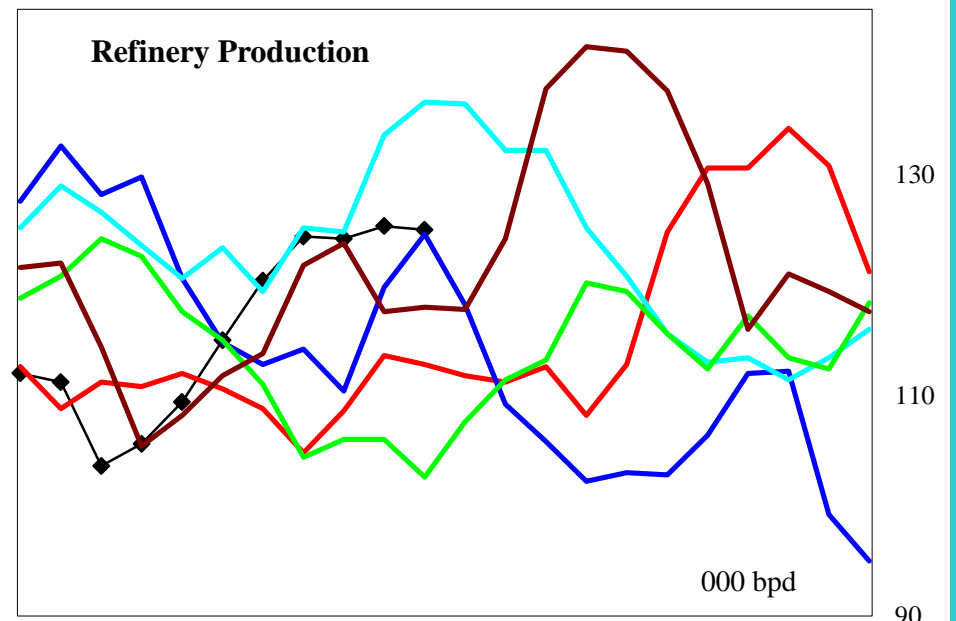
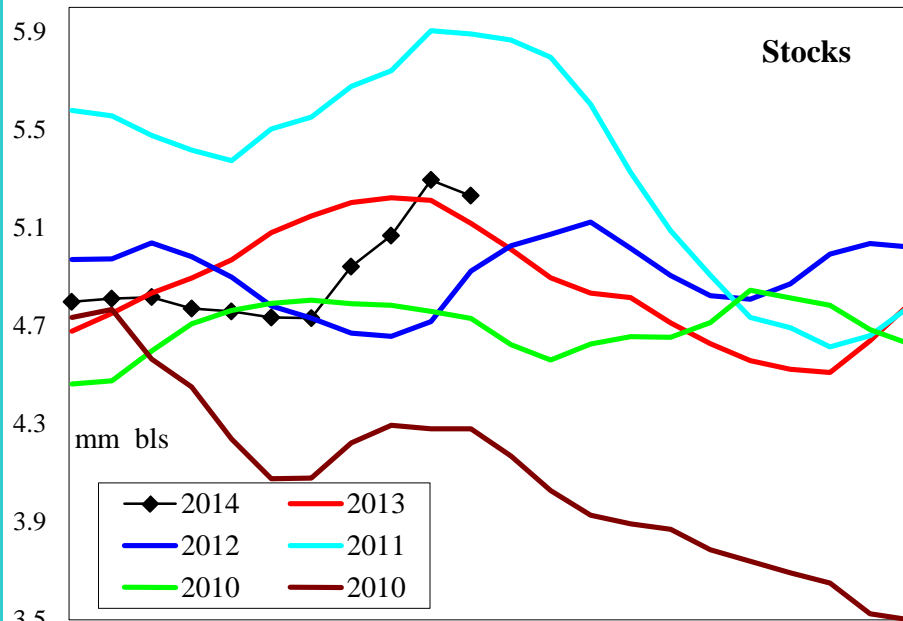
PADD 5 Distillate Supply



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

113

15

1

-1

2.2

13.8

1.4

-0.4