



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

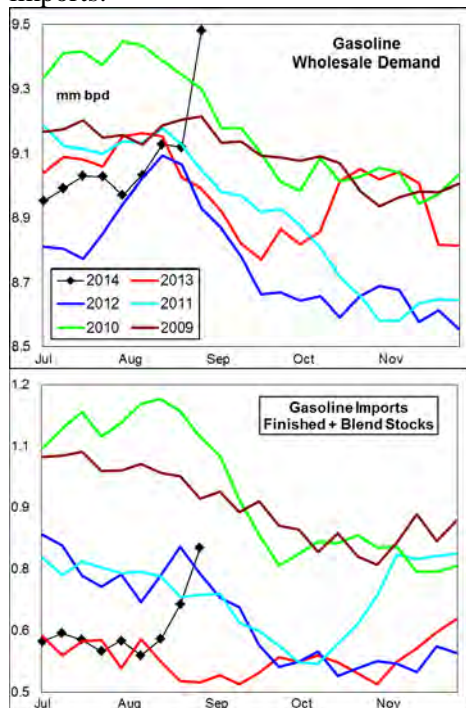
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Thursday, September 04, 2014

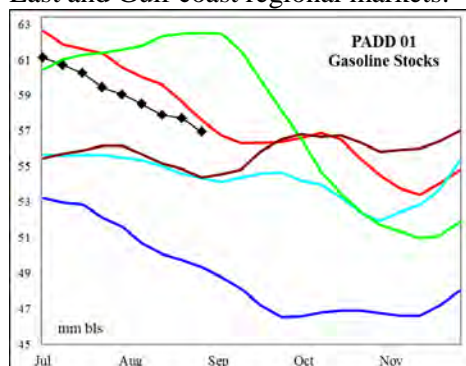


Major Fundamental Trends¹

Gasoline wholesale demand peaked last week for the summer season, partially offset by an increase in imports.



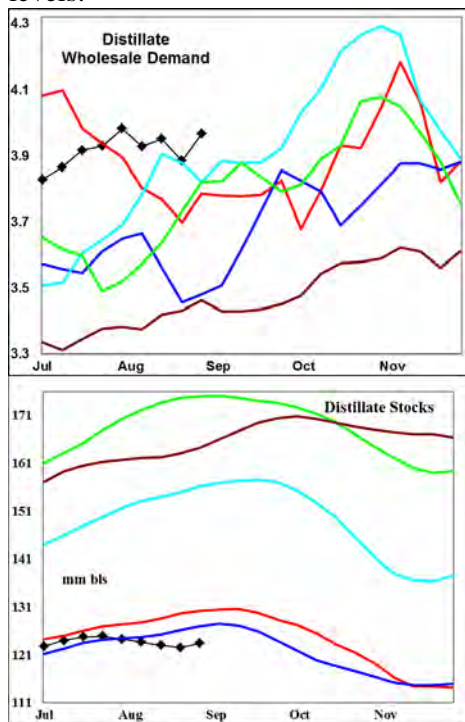
High imports and production has led to very ample carryout stocks in the key East and Gulf coast regional markets.



Fall refinery turnarounds in the Ohio valley and Gulf region should avoid significant over supply in these areas for the next quarter. Stock levels in the Northeast risk remaining burdensome on increased imports.

Distillate production has been nearly unchanged compared to a year

ago for the last month. A nearly +0.2 million bpd increase in wholesale demand, underlies record low stock levels.



The most recent 4-wk stock change in markets east of the Rockies was a -2.5 million barrel stock draw compared to an average build of +4.5 million barrels for the period. With the start of fall refinery maintenance, there is increased risk of a meaningful tightening in the distillate supply balance during the next quarter.

Wholesale Demand for gasoline and distillate each increased over +0.3 million bpd last week. Wholesale demand, measured over the last four weeks compared to a year ago: gasoline decreased -0.7%; distillate was +5.1% higher; jet fuel increased +1.3%, and residual fuel decreased -32%.

Stocks forward coverage: Gasoline demand coverage decreased on a -2.3 million barrel stock draw, and peak season wholesale demand. Coverage ended the week at a level equal to the 3-yr mid range.

Distillate coverage increased on a +0.6 million barrel stock build, driven by higher production. Coverage ended the week at a level below the last 2-yr.

Jet fuel coverage saw little change on with stocks down -0.1 million barrels for the week. Coverage levels remain below the 5-yr range.

Residual fuel oil coverage ended the week at record highs on a +0.3 million barrel stock build.

Refinery utilization rates decreased on a -114,000 bpd decline in thru put on lower runs in the Gulf region. During the latest 4-wk period crude oil input was +609,000 bpd above a year ago.

Gasoline yield % on crude oil runs increased last week on a +58,000 bpd increase in output compared to the -114,000 bpd decrease in crude oil runs. Yield % on crude oil runs matched last year's record lows.

Distillate yield % on crude oil runs increased last week, on a +133,000 bpd rise in output compared to the decrease in crude oil runs. The yield % on crude oil runs ended the week equal to the average of the last 2-yr.

Jet fuel yield % on crude oil runs increased on a +13,000 bpd increase in output, compared to the decline in crude oil runs. The yield % on crude oil runs ended the week at a record high for the period.

Petroleum Imports/Exports: Imports of gasoline rebounded from the prior week decrease, up +353,000 bpd. Distillate imports also increased +76,000 bpd on the week to a level above the last 3-yr.

During the latest 4-wk period crude oil imports were -0.5 million bpd below last year; distillate imports were +23,000 bpd higher; finished gasoline imports were -38,000 bpd lower; gasoline blend stock imports were +157,000 bpd higher; while jet fuel imports decreased -82,000 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 declined -0.9 million barrels last week, concentrated on the West Coast, driven by refinery runs +0.6 million bpd above last year.

¹ Source is latest EIA Weekly Statistics



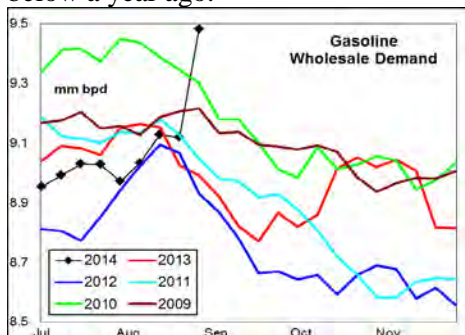
WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

A Fundamental Petroleum Trends Weekly Report

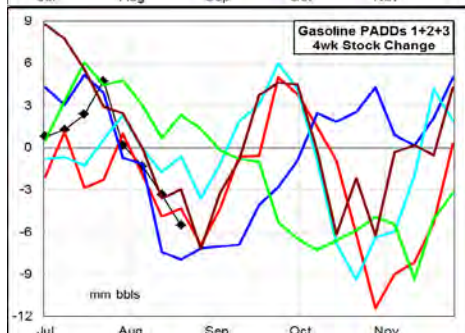
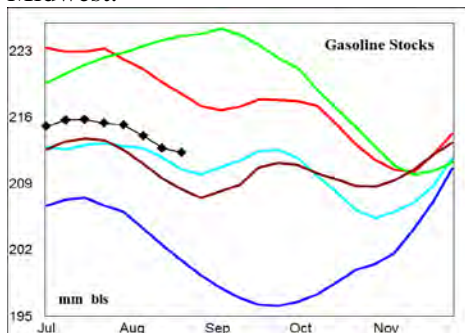
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Thursday, September 04, 2014

Product Supply-Demand Trends

Gasoline wholesale demand climbed +380,000 bpd last week, the end of peak summer demand. The latest 4-wk average demand was -60,000 bpd below a year ago.



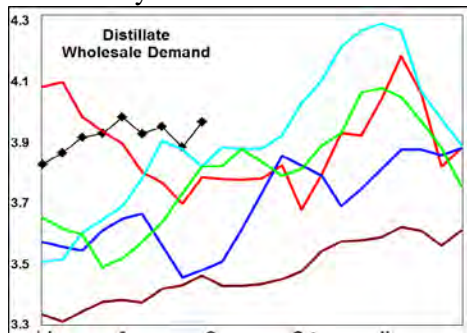
Supply increased +411,000 bpd last week on a surge in imports. Supply for the latest 4-wk period was +157,000 bpd above a year ago. Stocks declined -2.3 million barrels on the week, concentrated on the East coast and Midwest.



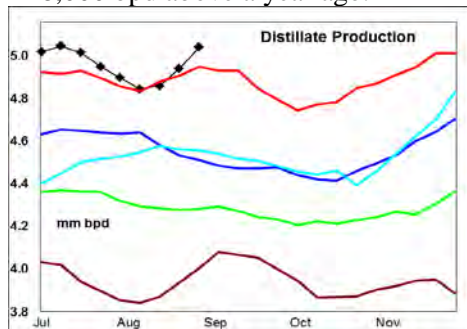
Look for a sharp seasonal decline in demand over the next 30-days, with a likely stock build. High stock levels in the East, Gulf Coast and Rocky Mountain regions point to over supply at the end of peak summer demand.

Distillate wholesale demand increased +302,000 bpd on the week, to a level above the historic range. The latest 4-wk average demand was +189,000 bpd

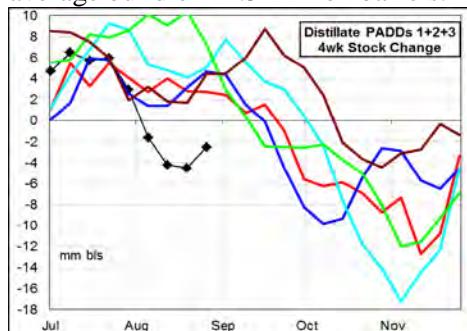
above last year.



Supply increased +209,000 bpd on the week, with the latest 4-wk average +18,000 bpd above a year ago.



The latest 4-wk stock change in markets East of the Rockies was a -2.5 million barrel draw, compared to an average build of +4.5 million barrels.

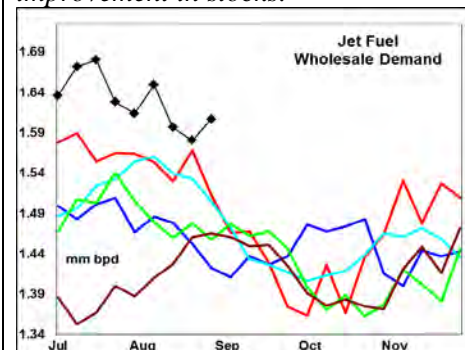


Record wholesale demand (includes export volumes that exceed EIA monthly estimates) and lower year-on-year growth in production has led to the large counter seasonal stock draw. With start of fall refinery maintenance, there is increased risk of tightness in the supply balance during the next quarter.

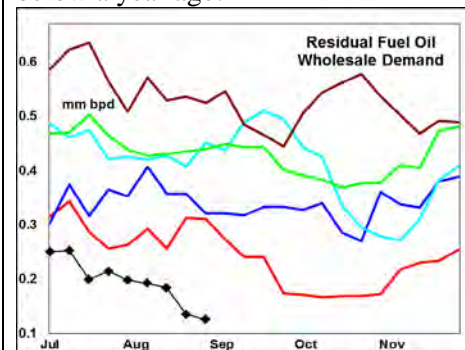
Jet Fuel wholesale demand declined -85,000 bpd last week, although the level remains above the historic range. Output for the most recent 4-wk period increased +73,000 bpd compared to

last year. Imports were -82,000 bpd below a year ago. Stocks were unchanged on the week, with the level -5 million barrels below the 5-yr range.

Continued record demand has driven stocks to a level sharply below the 5-yr range on the East Coast, with all other major regions below the historic range. Look for a seasonal drop in demand to allow modest improvement in stocks.



Residual fuel oil demand was nearly unchanged last week. Demand for the latest 4-wk period was -86,000 bpd below a year ago.



Supply (production + imports) decreased -81,000 bpd on lower imports. Production was -21,000 bpd below a year ago for the latest 4-wk period, while imports were -11,000 bpd lower. Stock levels ended the week above the 3-yr mid range for the period.

Wholesale demand remains extremely low, allowing inventories to increased to above the historic mid range. The switch to increased use of light shale crude oil in place of heavier gravity imports has limited production of residual fuel oil.



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

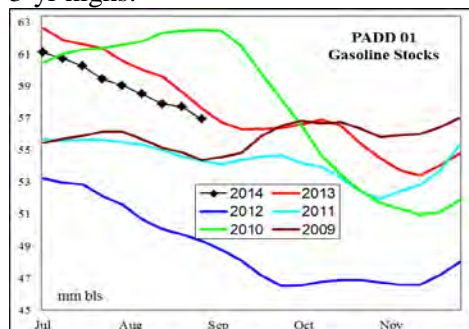
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Thursday, September 04, 2014

PADD Supply Trends

PADD 1 refinery crude oil runs averaged +30,000 bpd above last year for the most recent 4-wk period.

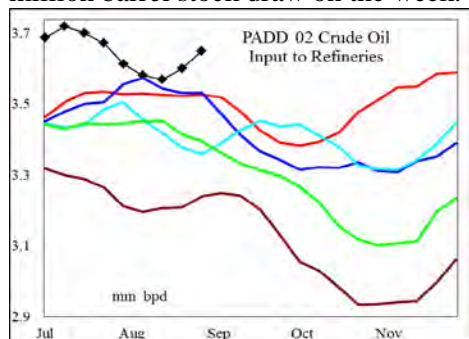
Gasoline supply increased +78,000 bpd on a +258,000 bpd jump in imports. Stocks fell -0.6 million barrels last week, ending at a level near 3-yr highs.



Distillate supply decreased -15,000 bpd last week, with the 4-wk average -7,000 bpd below last year. Stock levels were -2.8 million barrels below the 5-yr range. *Ultra low sulfur stock levels remain near 5-yr highs.*

Jet fuel supply increased +10,000 bpd on higher imports. Stocks decreased -0.7 million barrels, with the level -2.9 million barrels (-26%) below the 5-yr range.

PADD 2 crude oil refinery runs increased +25,000 bpd last week, with the latest 4-wk average +46,000 bpd above last year. Crude oil stocks were nearly unchanged, at a level -12% below last year. Cushing saw a -0.4 million barrel stock draw on the week.



Gasoline supply was nearly unchanged last week. Production for the most recent 4-wk period was +0.4 million bpd above a year ago – *driven by the EIA recording sub octane product shipped into the Midwest as finished*

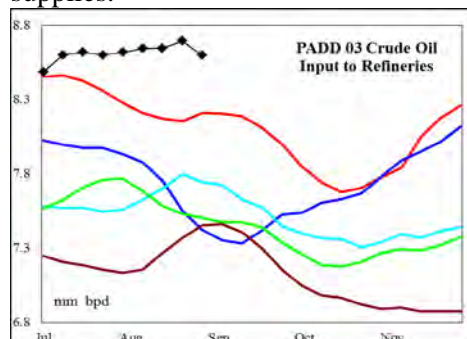
product production when blended with ethanol. Stocks increased +0.3 million barrels on the week, to a level -3% below a year ago.

Distillate supply increased +33,000 bpd on the week, with the 4-wk average -40,000 bpd below a year ago. Stock levels ended the week -1 million barrels below the last 2-yrs.

Jet fuel production declined -18,000 bpd on the week, to a level equal to historic highs for the period. Stocks ended the week -6% below a year ago and below the 5-yr range.

PADD 3 refinery runs decreased -150,000 bpd last week, with the level well above the historic range. During the latest 4-wk period, average runs were +530,000 bpd above last year.

Crude oil stocks increased +0.7 million barrels, due very high domestic supplies.



Gasoline supply declined -83,000 bpd last week, with the latest 4-wk average +22,000 bpd above a year ago. Stocks fell -1.7 million barrels on the week, to a level below the 3-yr mid range.

Distillate supply increased +117,000 bpd on the week, with the latest 4-wk average supply +101,000 bpd above last year. Stocks declined -0.8 million barrels on the week, to a level that matched historic lows.

Jet fuel production declined -9,000 bpd last week, to a level that matched 5-yr highs. Stocks increased +0.5 barrels on the week to a level -0.6 million barrels below the historic range.

Residual fuel supply increased +37,000 bpd on the week, with the level -20% below last year for the latest 4-wk period.

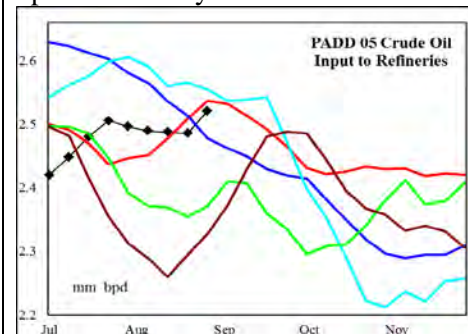
PADD 4 refinery crude runs increased +6,000 bpd last week, to a new record high level.

Gasoline production fell -60,000 bpd, to a level above the 3-yr average, with the latest 4-wk average +27,000 bpd above a year ago. Stocks increased +0.4 million barrels to a record high level for the period.

Distillate supply increased +22,000 bpd last week, with the latest 4-wk supply +19,000 bpd above last year. Stocks climbed +0.2 million barrels to a record high level

Jet fuel production decreased -3,000 bpd on the week, with the level above the historic range. Stock levels remain below each of the last 3-yrs.

PADD 5 crude oil refinery runs increased +56,000 bpd last week, ending at a level equal to the 3-yr mid range. The 4-wk run rate was -27,000 bpd below last year.

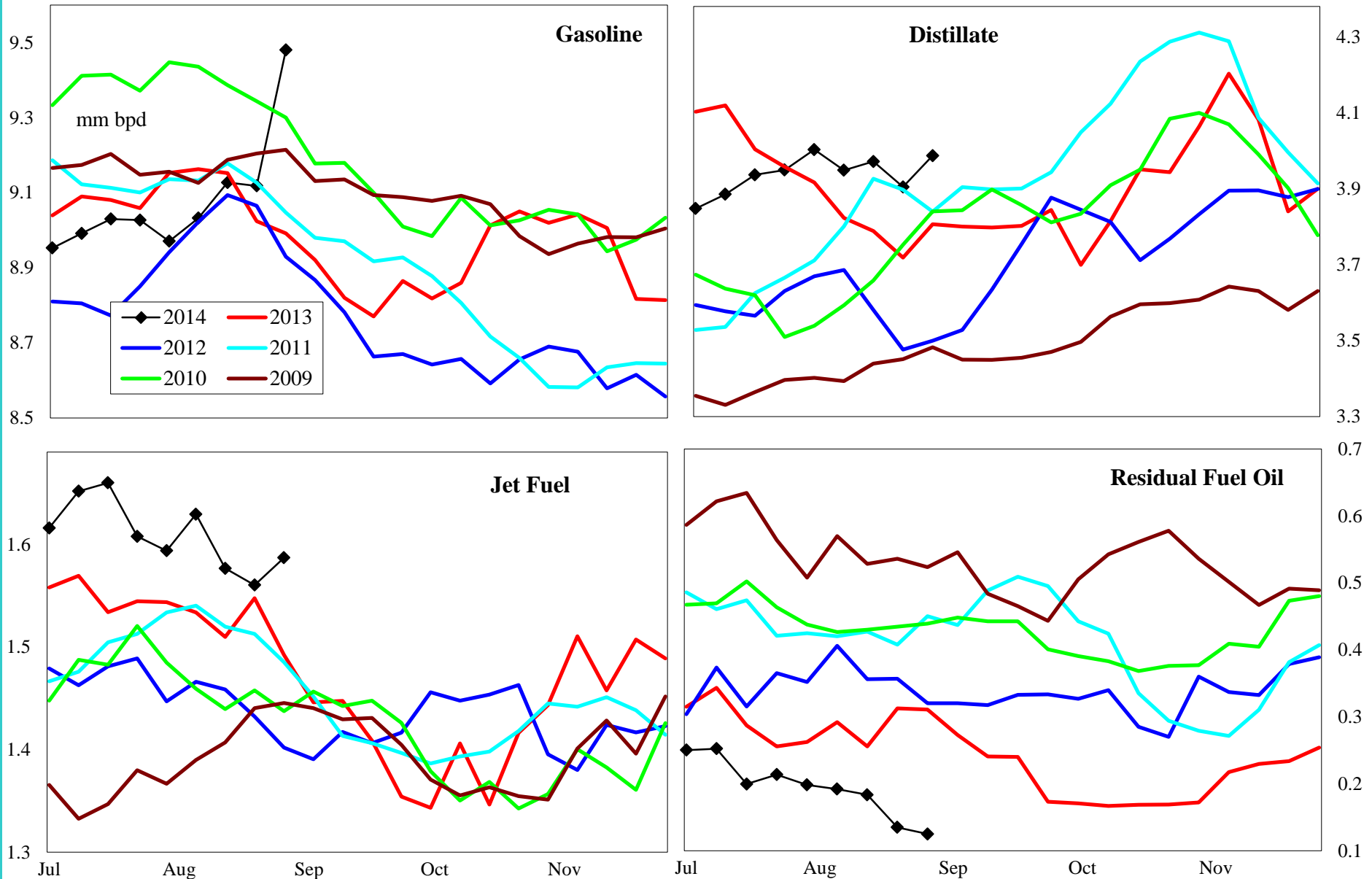


Gasoline supply was unchanged on the week, with the 4-wk average +18,000 bpd above a year ago. Stocks fell -0.7 million barrels to a level below the historic range.

Distillate supply increased +52,000 bpd on the week, to a level near historic highs. The 4-wk average supply was -54,000 bpd below a year ago. Stocks increased +0.6 million barrels on the week, to a level near the 5-yr mid range.

Jet fuel supply increased +43,000 bpd on higher production, with production at a record high level. The latest 4-wk average supply was -16,000 bpd below last year. Stock levels ended the week at a 5-yr low.

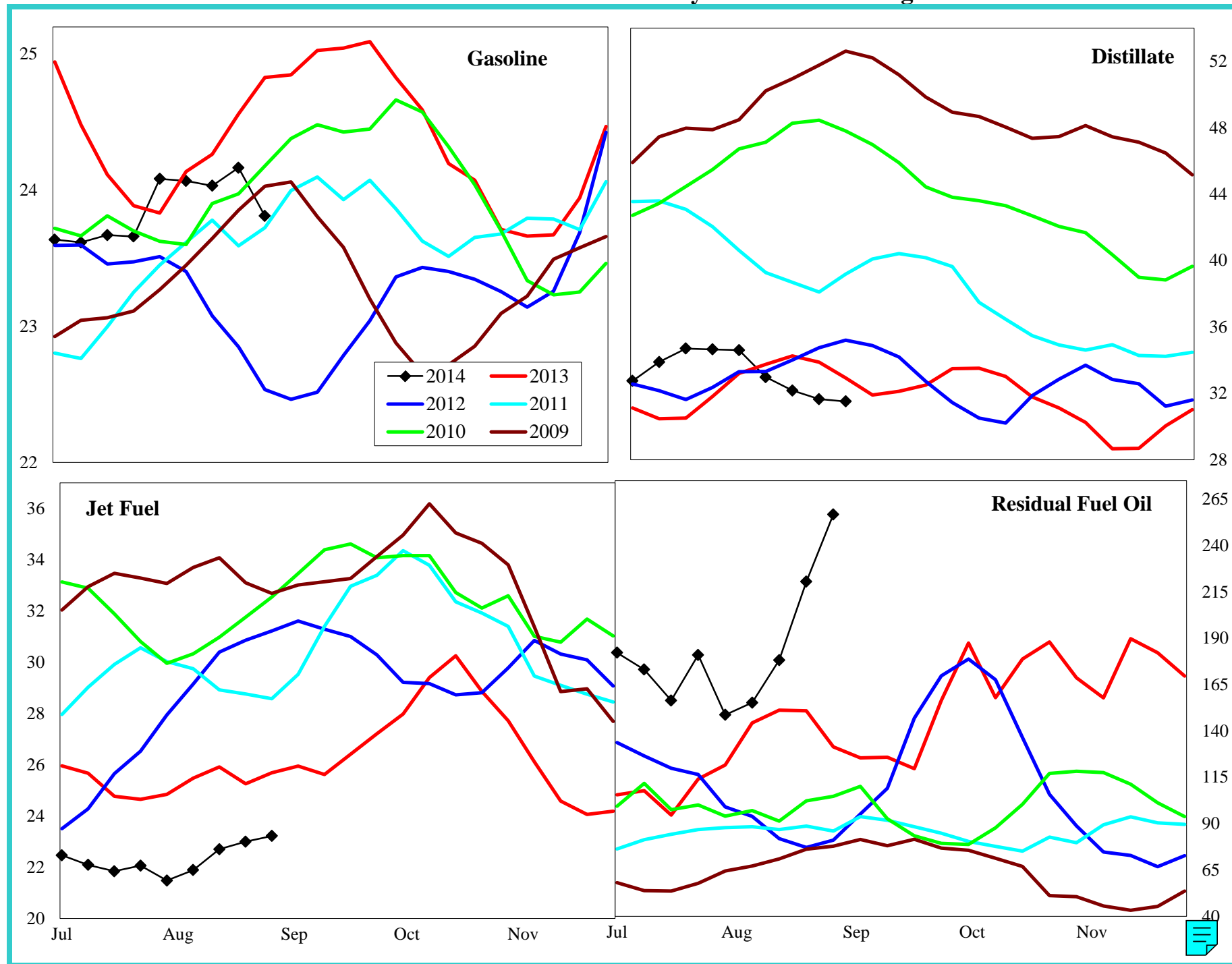
United States Wholesale Petroleum Demand



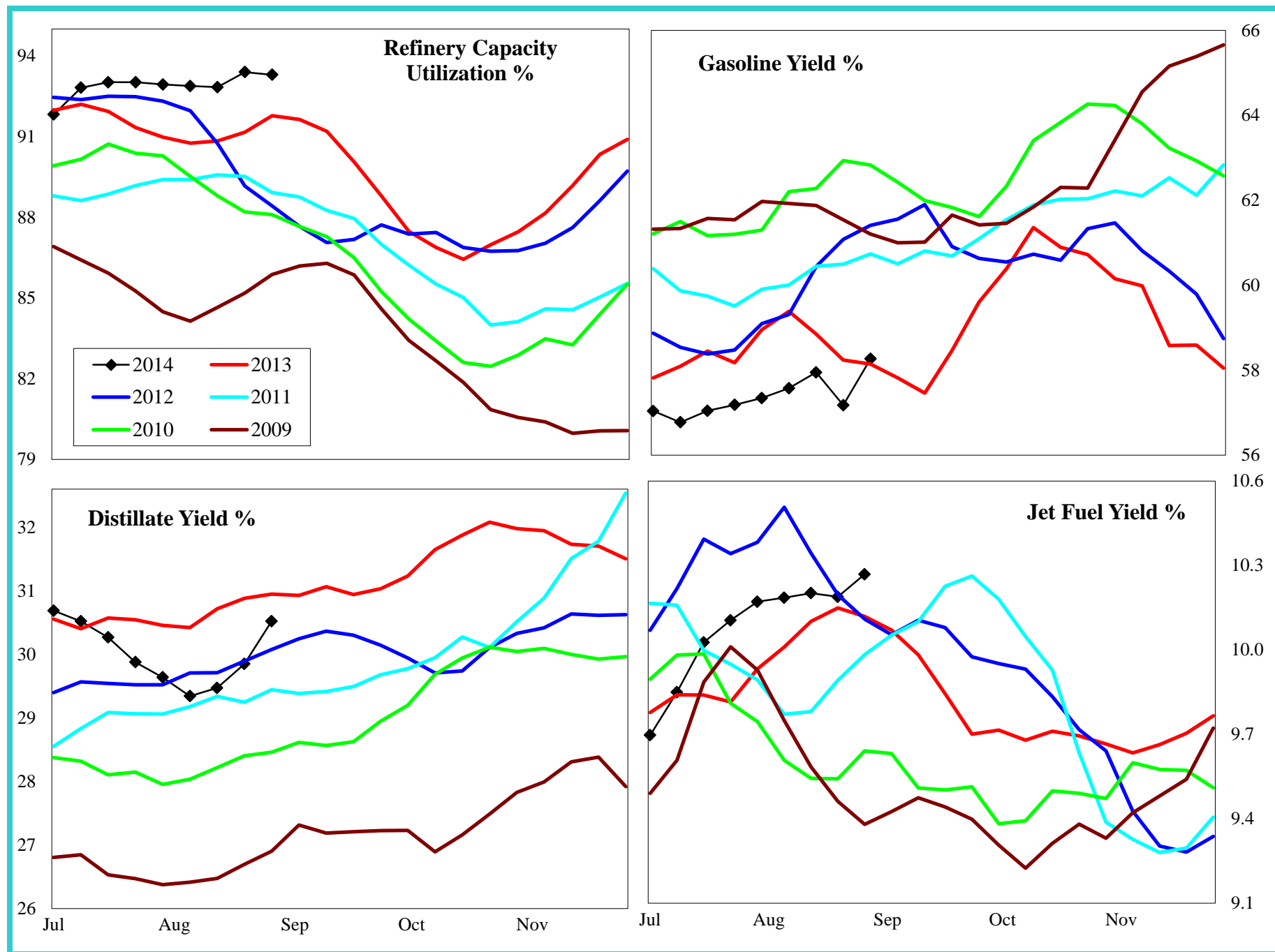
	000 bpd change from prior year				% change from prior year			
	4wk avg	Jul	Jun	May	4wk avg	Jul	Jun	May
Gasoline	-60	303	-30	33	-0.7	3.3	-0.3	0.4
Distillate	189	466	299	165	5.1	13.1	8.2	4.4
Jet Fuel	21	185	368	-12	1.3	12.2	25.7	-0.8
Resid	-86	-173	-50	20	-32.0	-47.8	-16.5	9.3



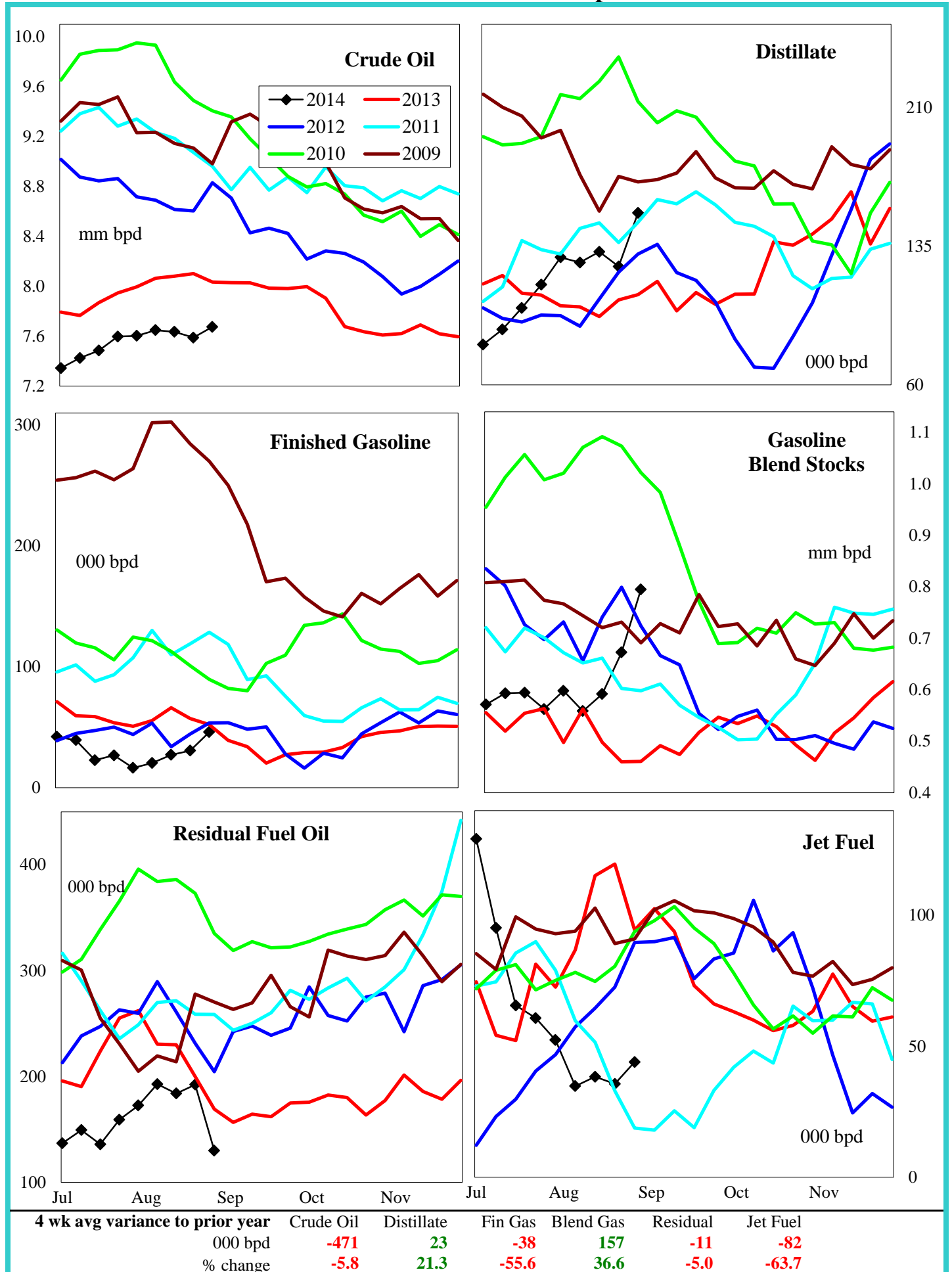
United States Product Stocks: Days Forward Coverage



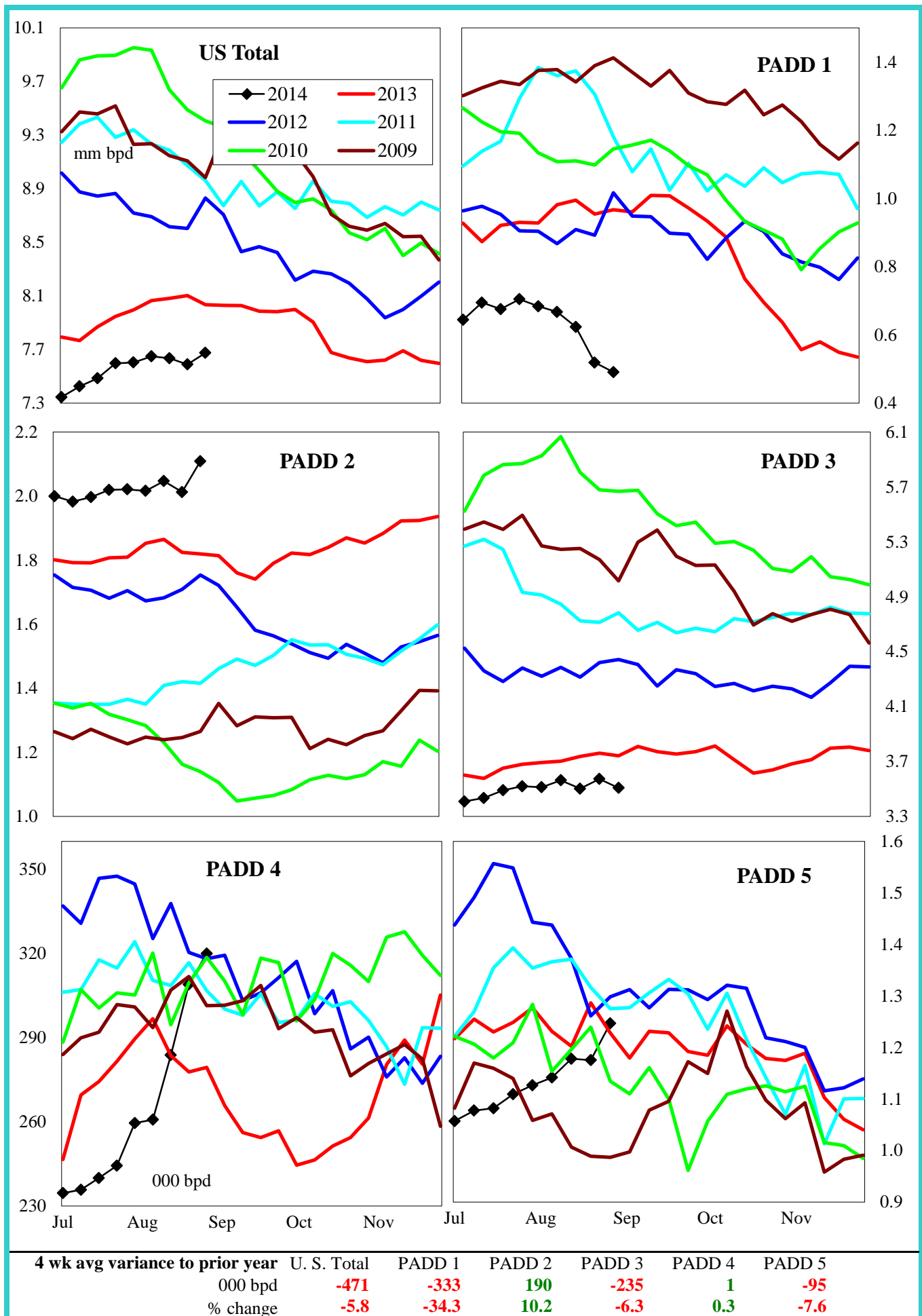
United States Refinery Percent Utilization Rate and Product Yields



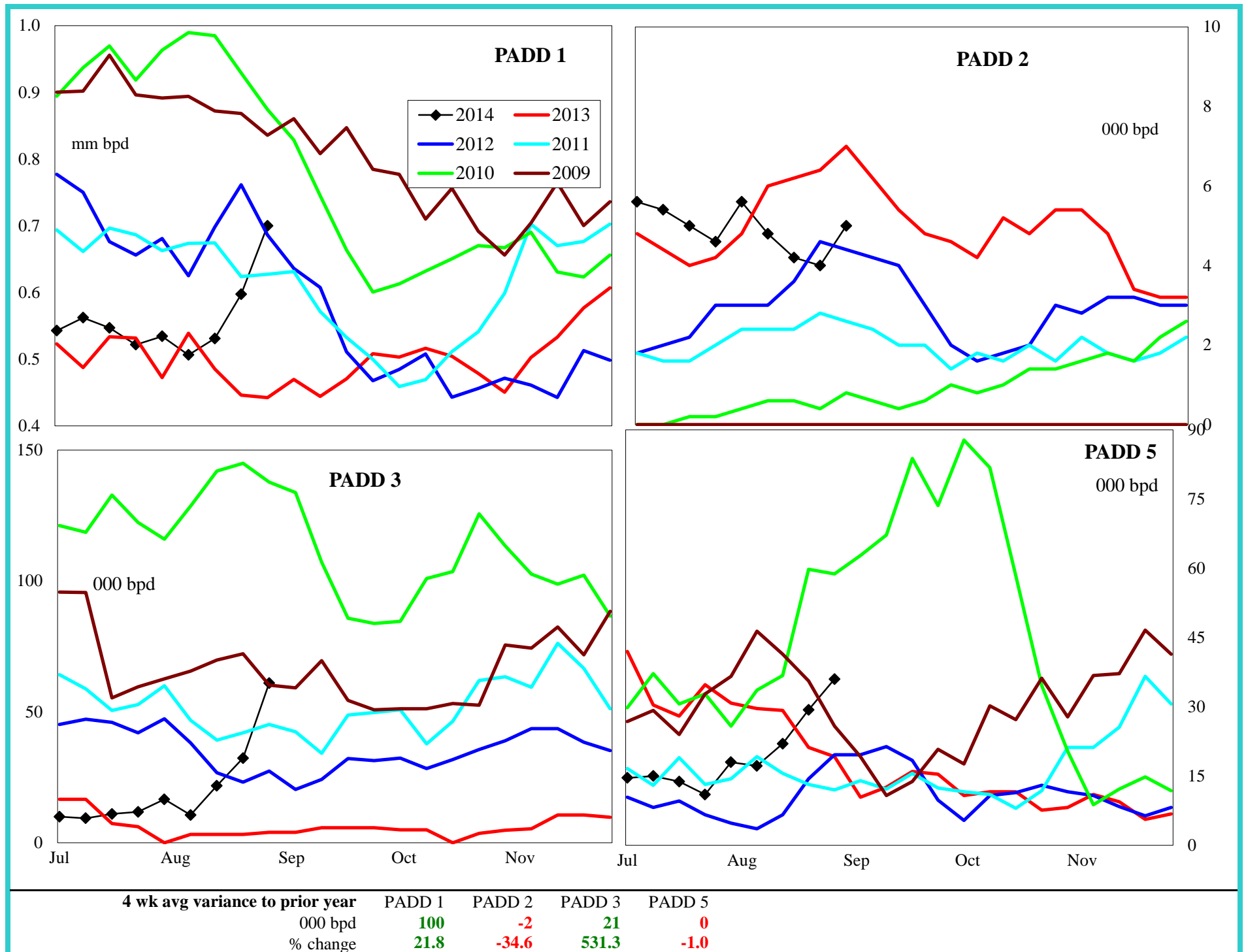
United States Petroleum Imports



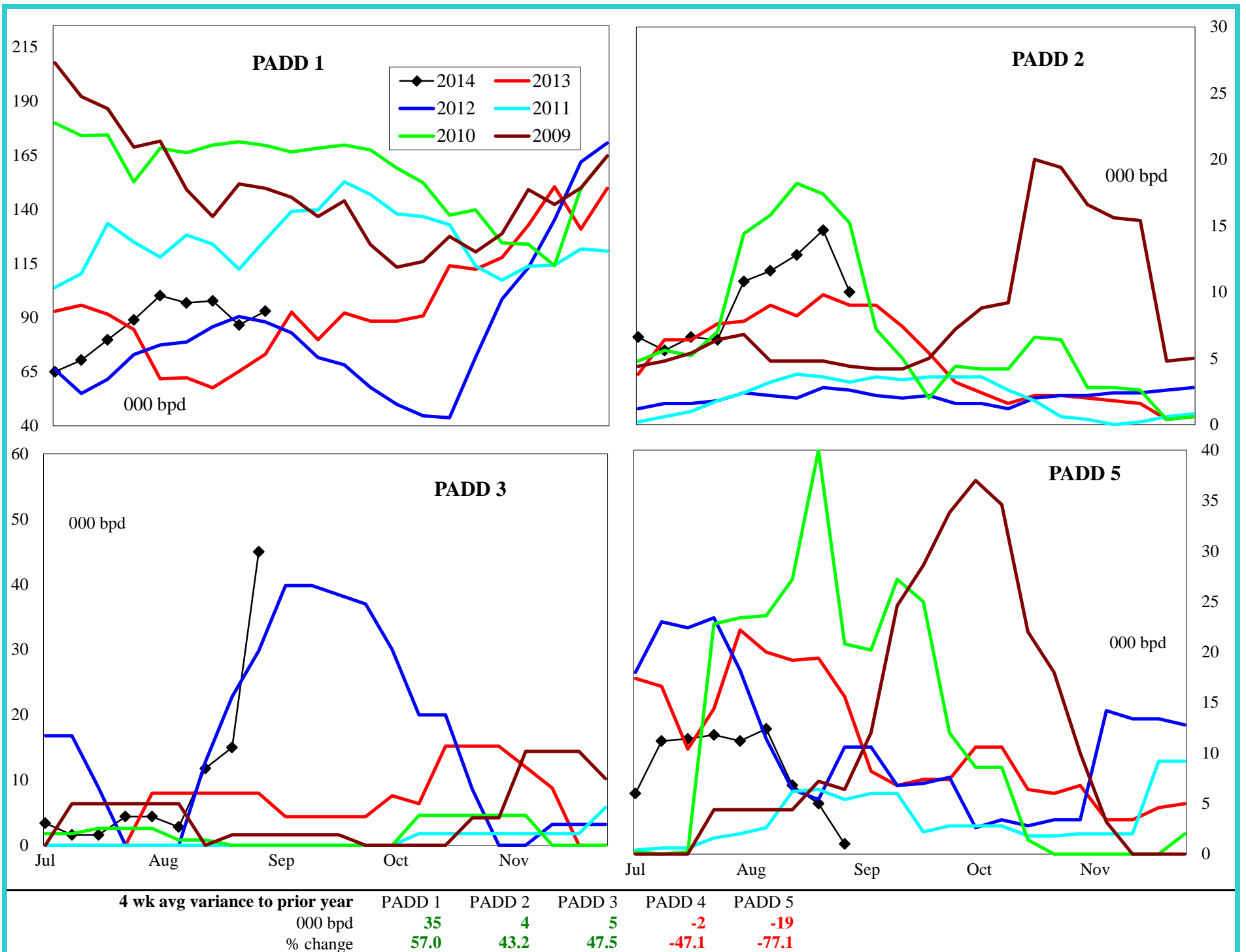
Crude Oil Imports by PADD



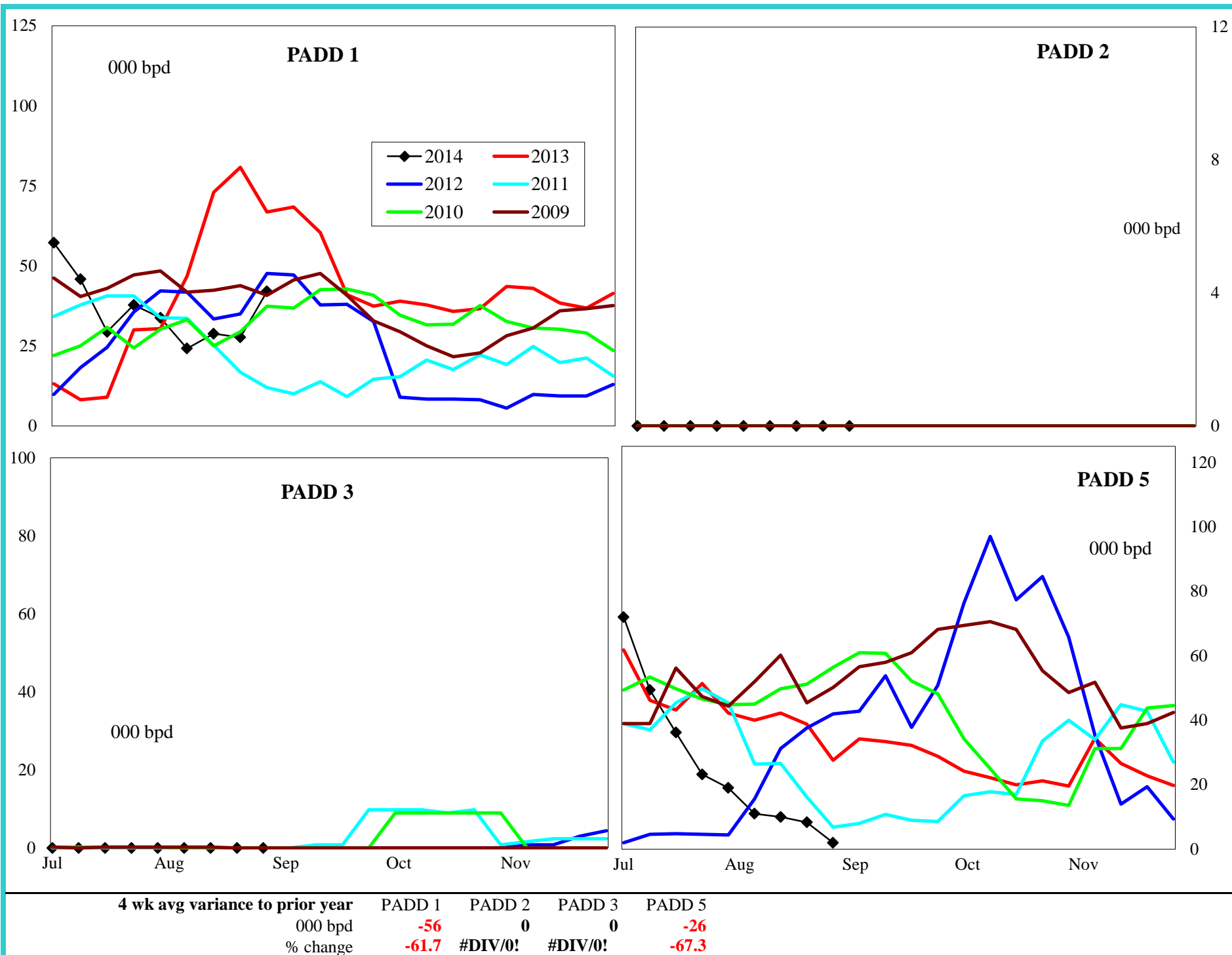
Gasoline Imports by PADD (Finished + Blend Stocks)



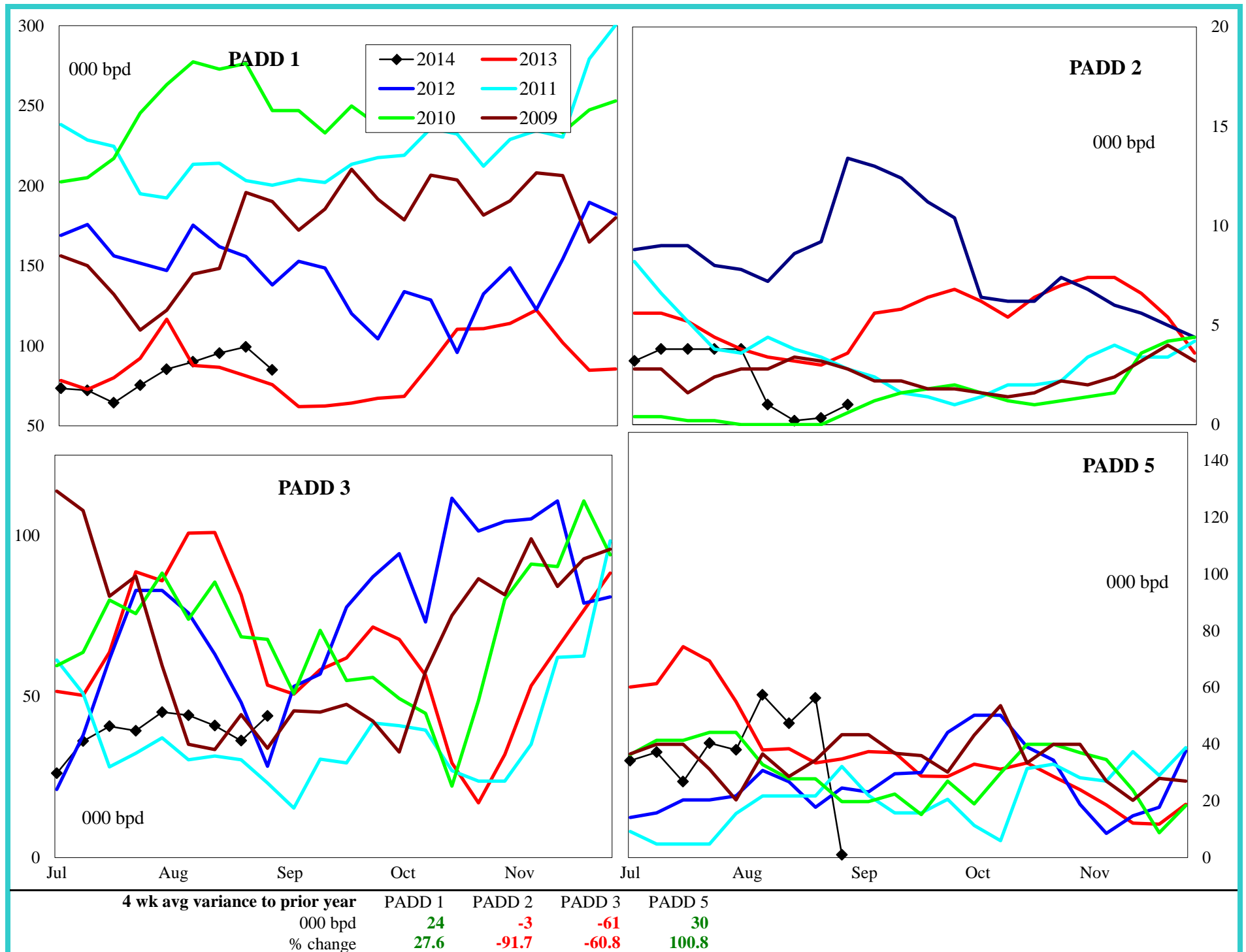
Distillate Imports by PADD



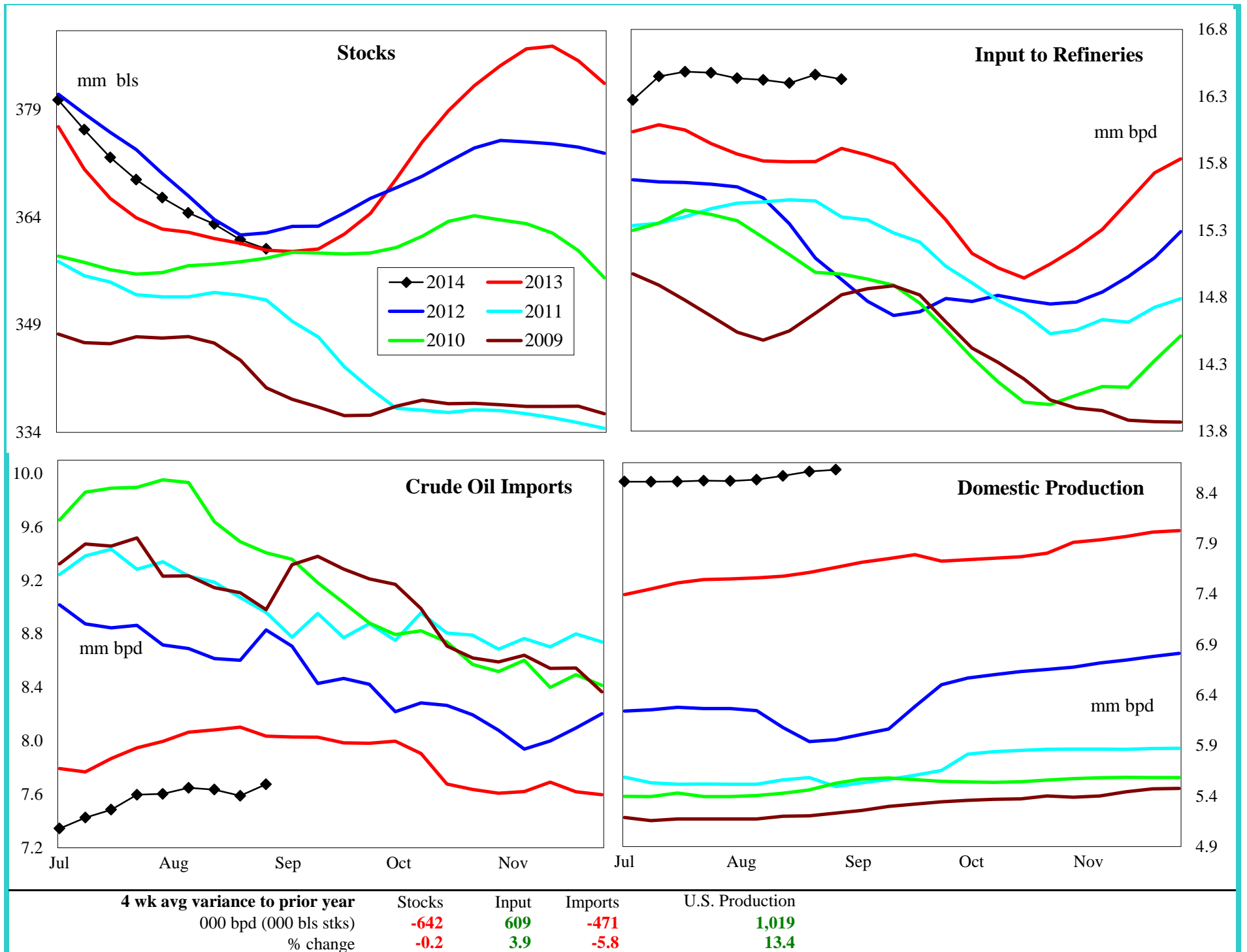
Jet Fuel Imports by PADD



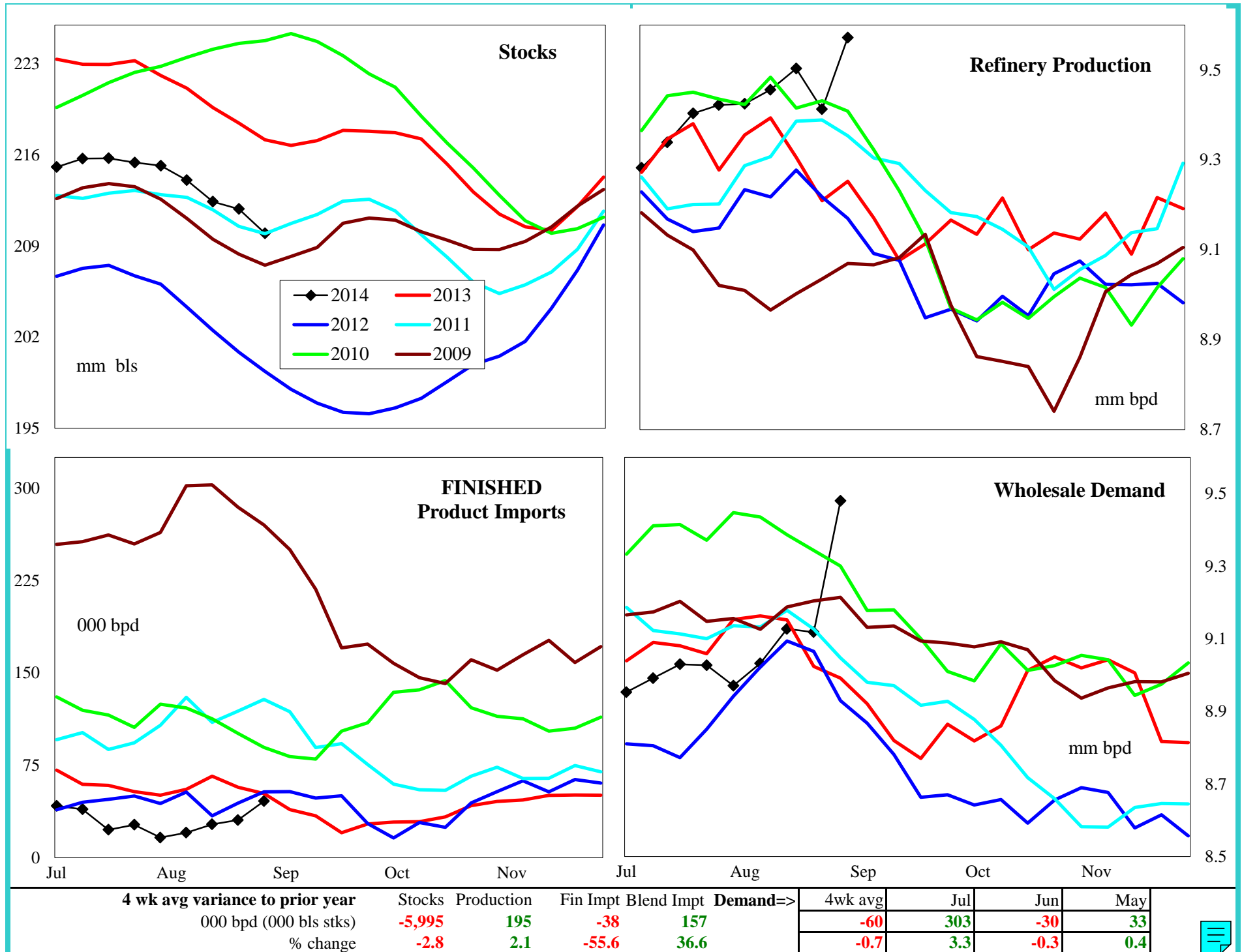
Residual Fuel Oil Imports by PADD



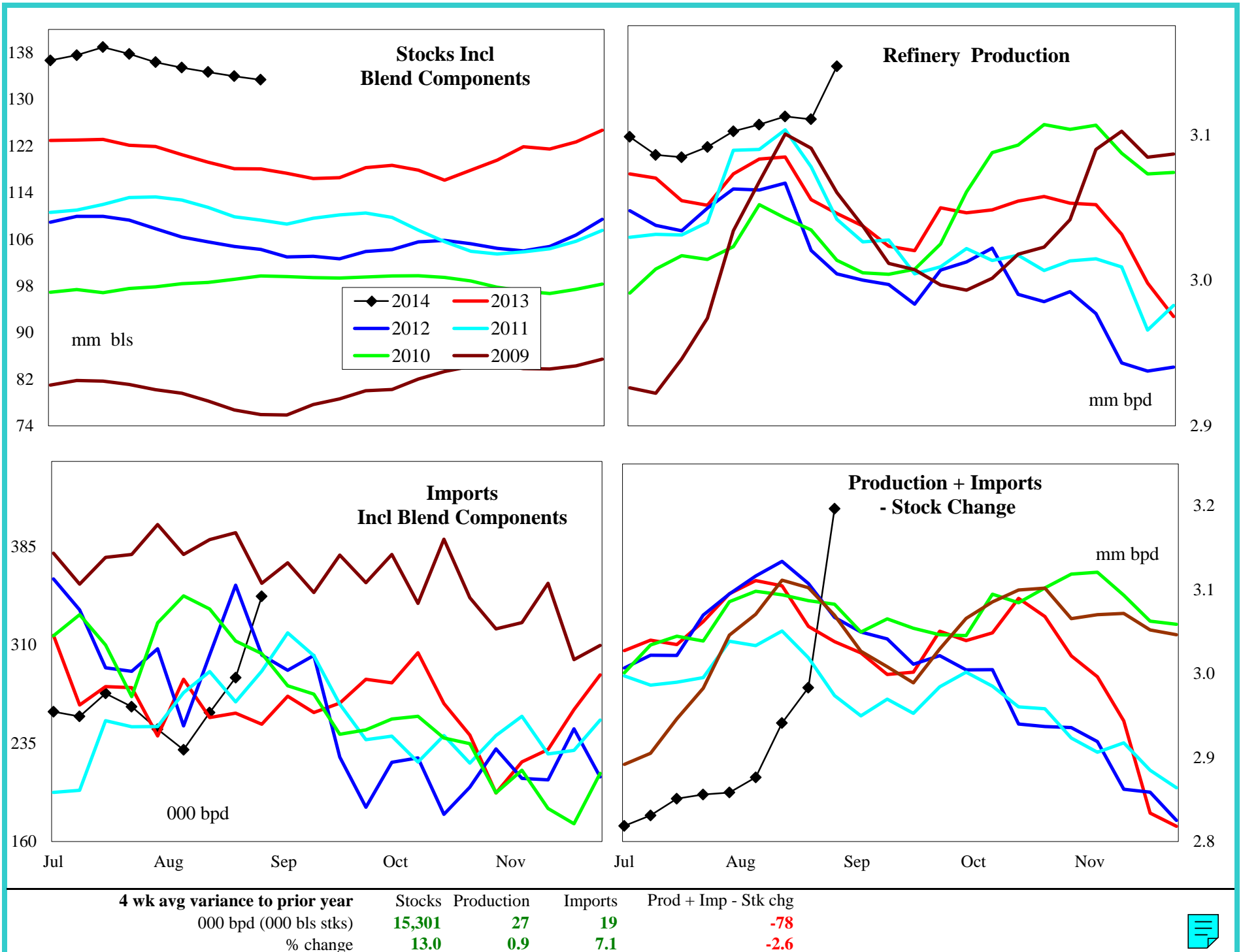
United States Crude Oil Supply and Demand Balance



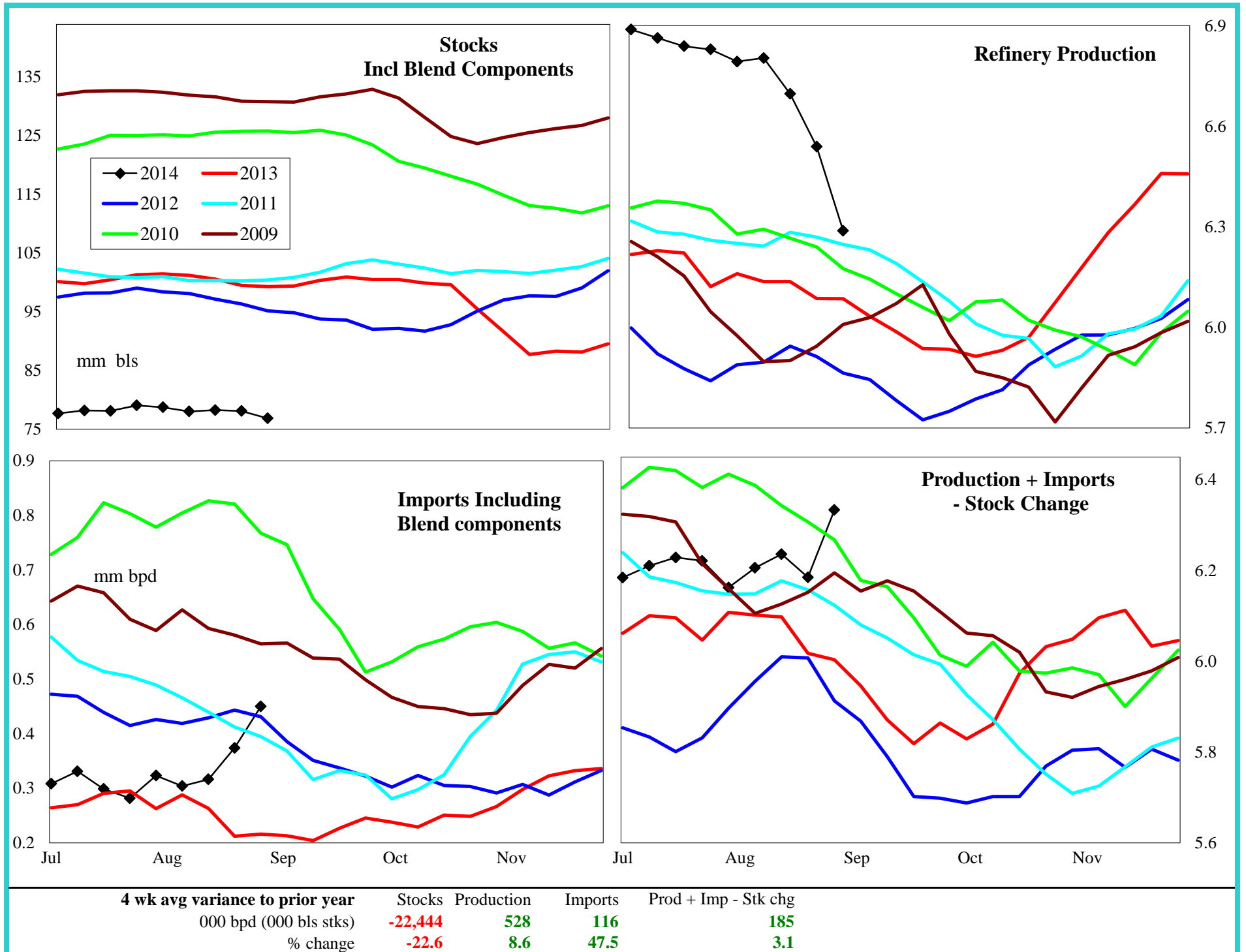
United States Gasoline Supply and Demand Balance



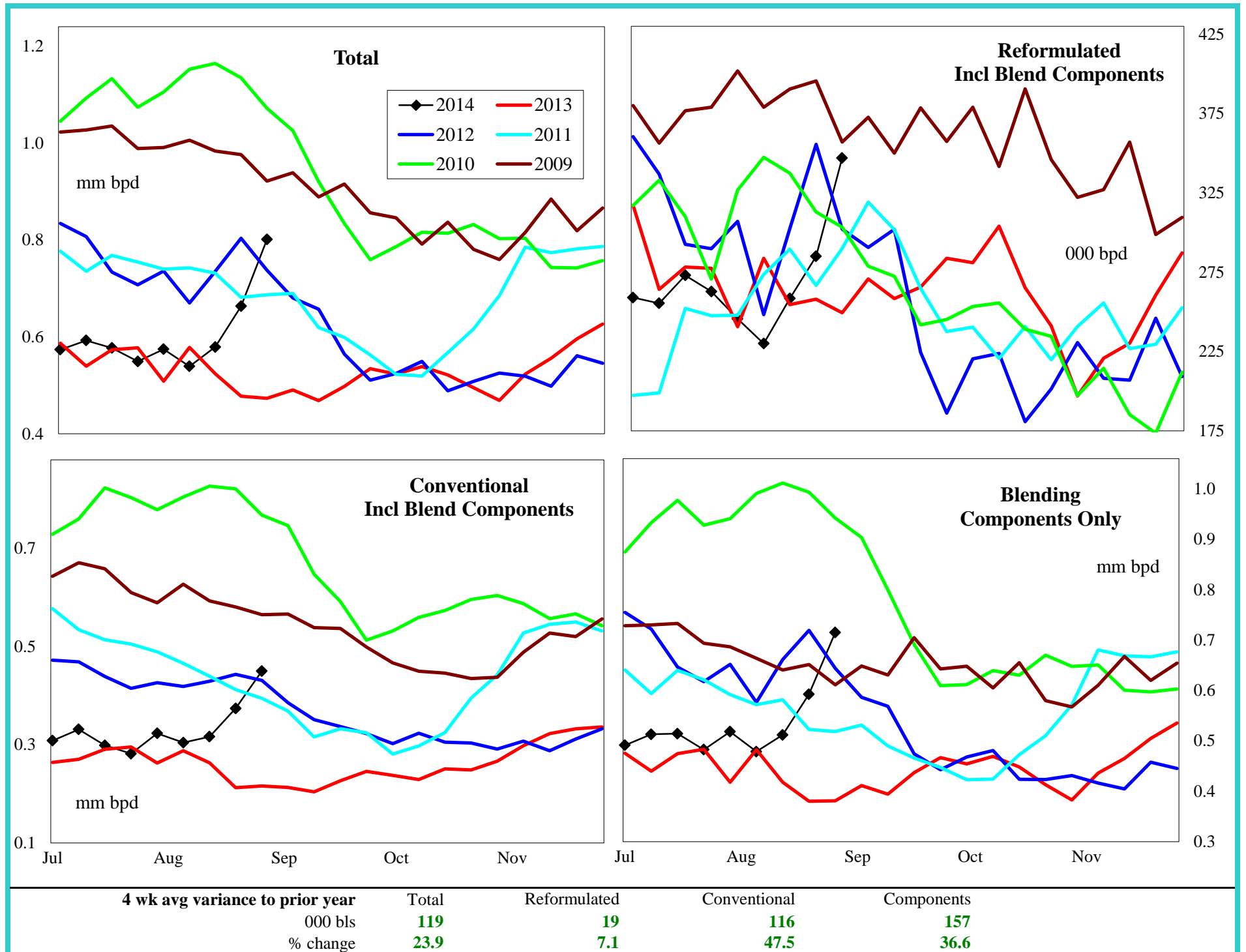
United States Reformulated Gasoline Supply



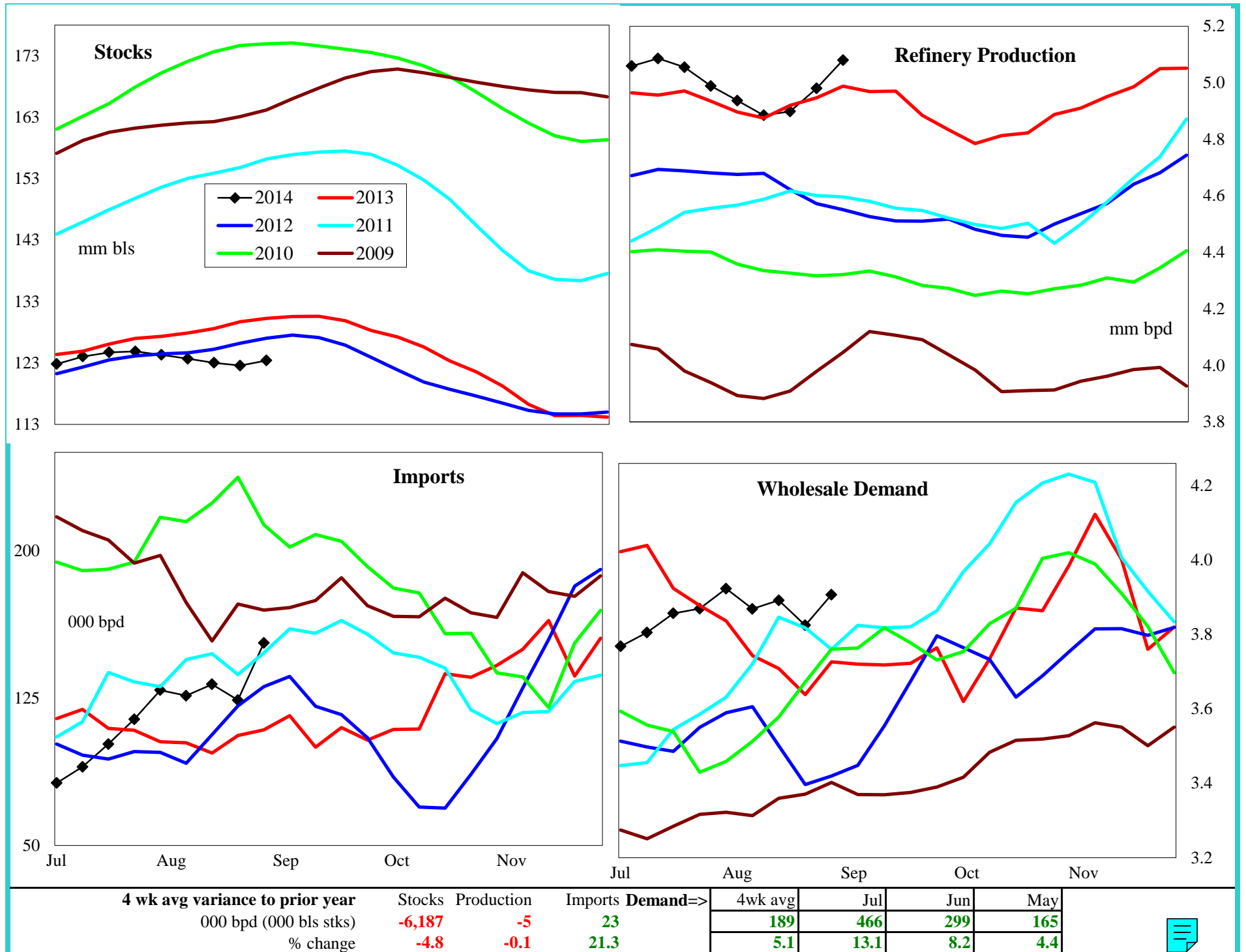
United States Conventional Gasoline Supply



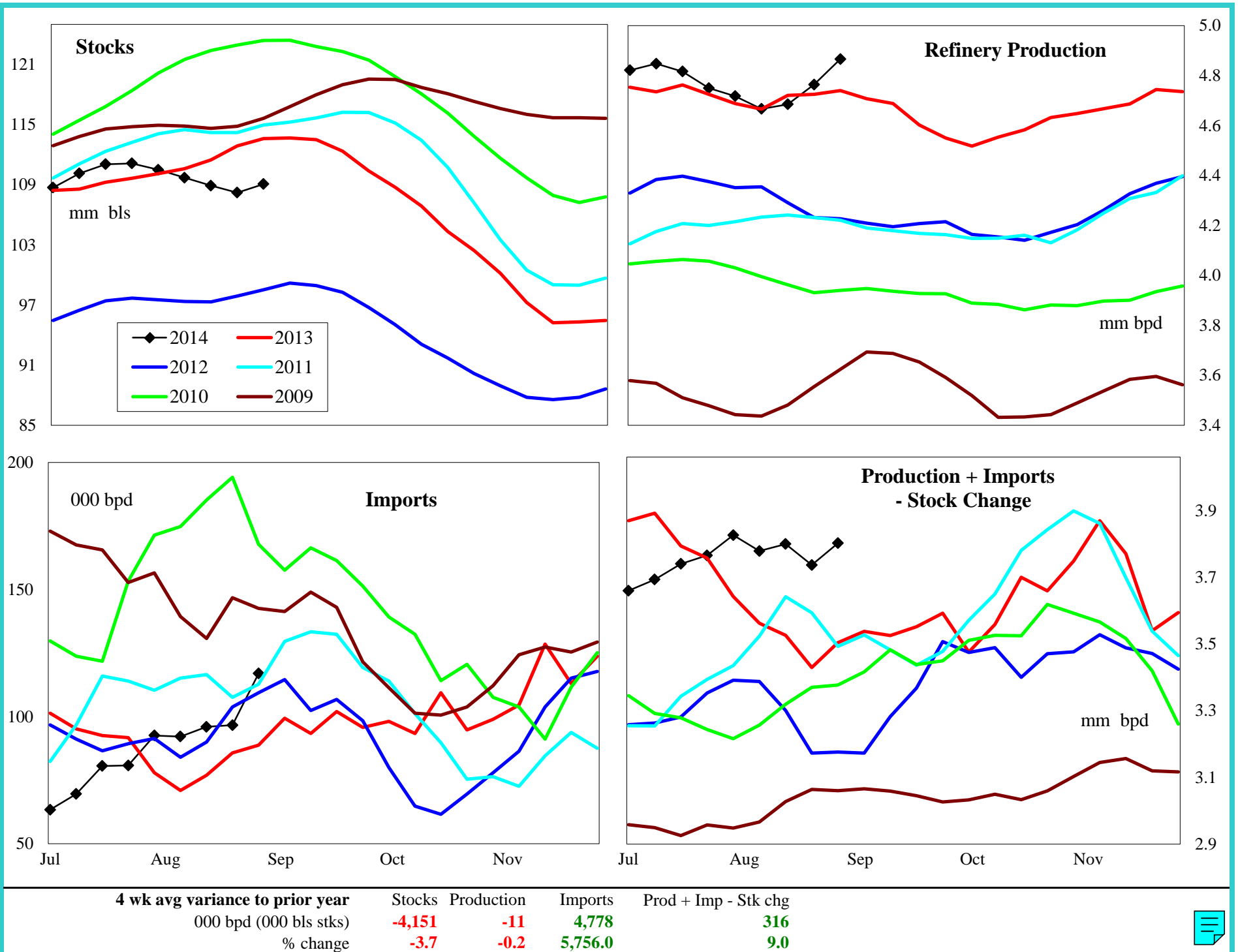
United States Gasoline Imports by Type



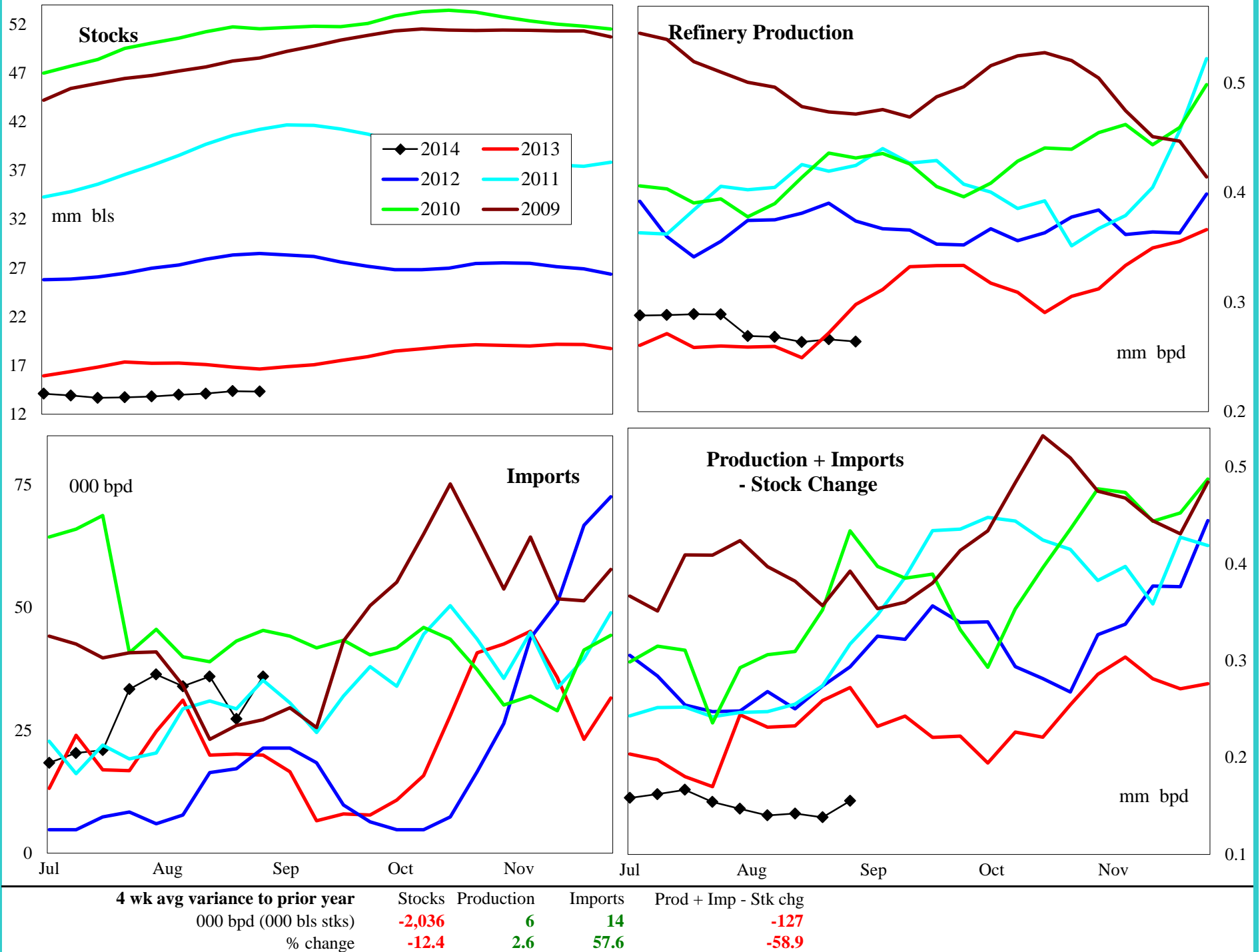
United States Distillate Supply and Demand Balance



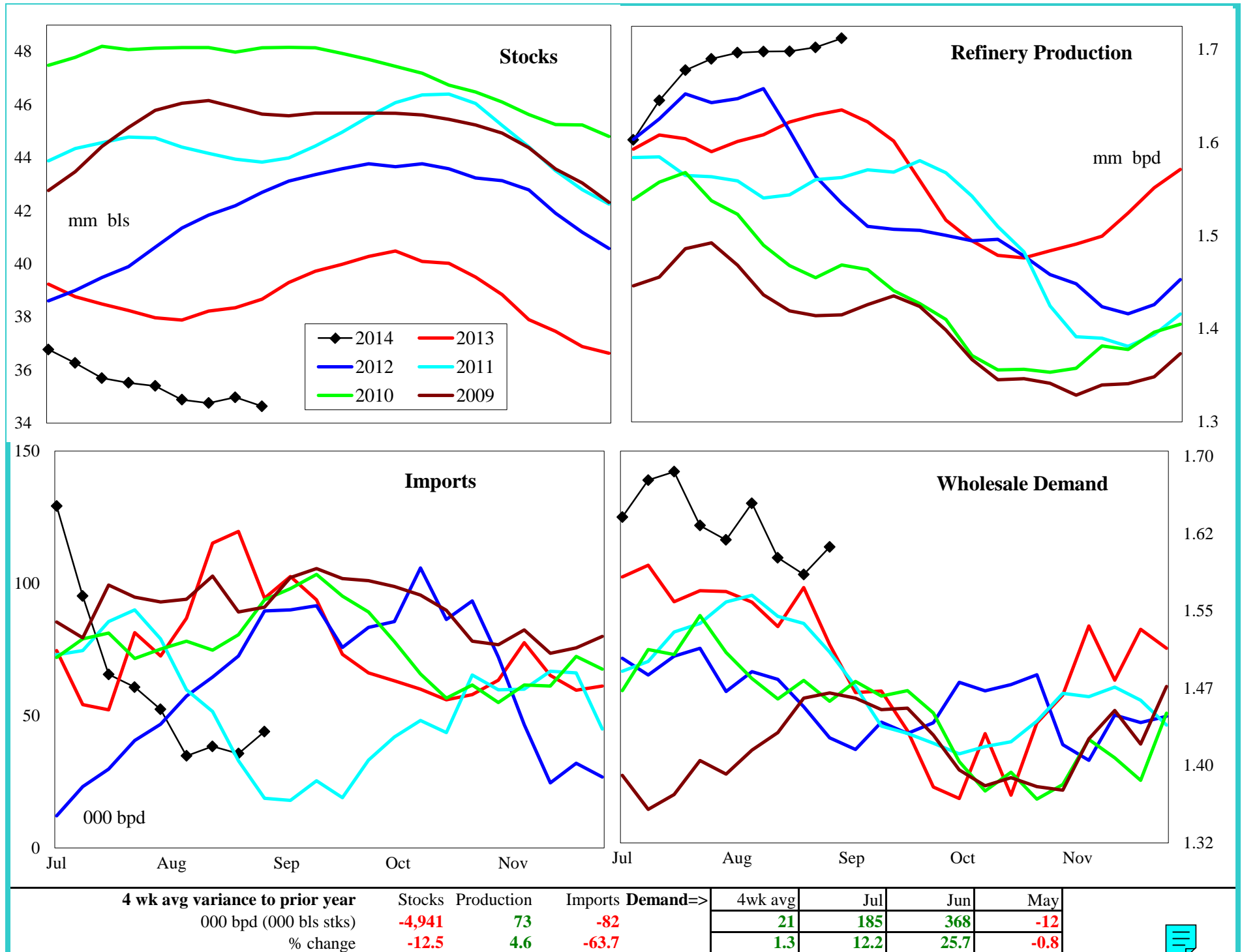
United States Low Sulfur Distillate Supply



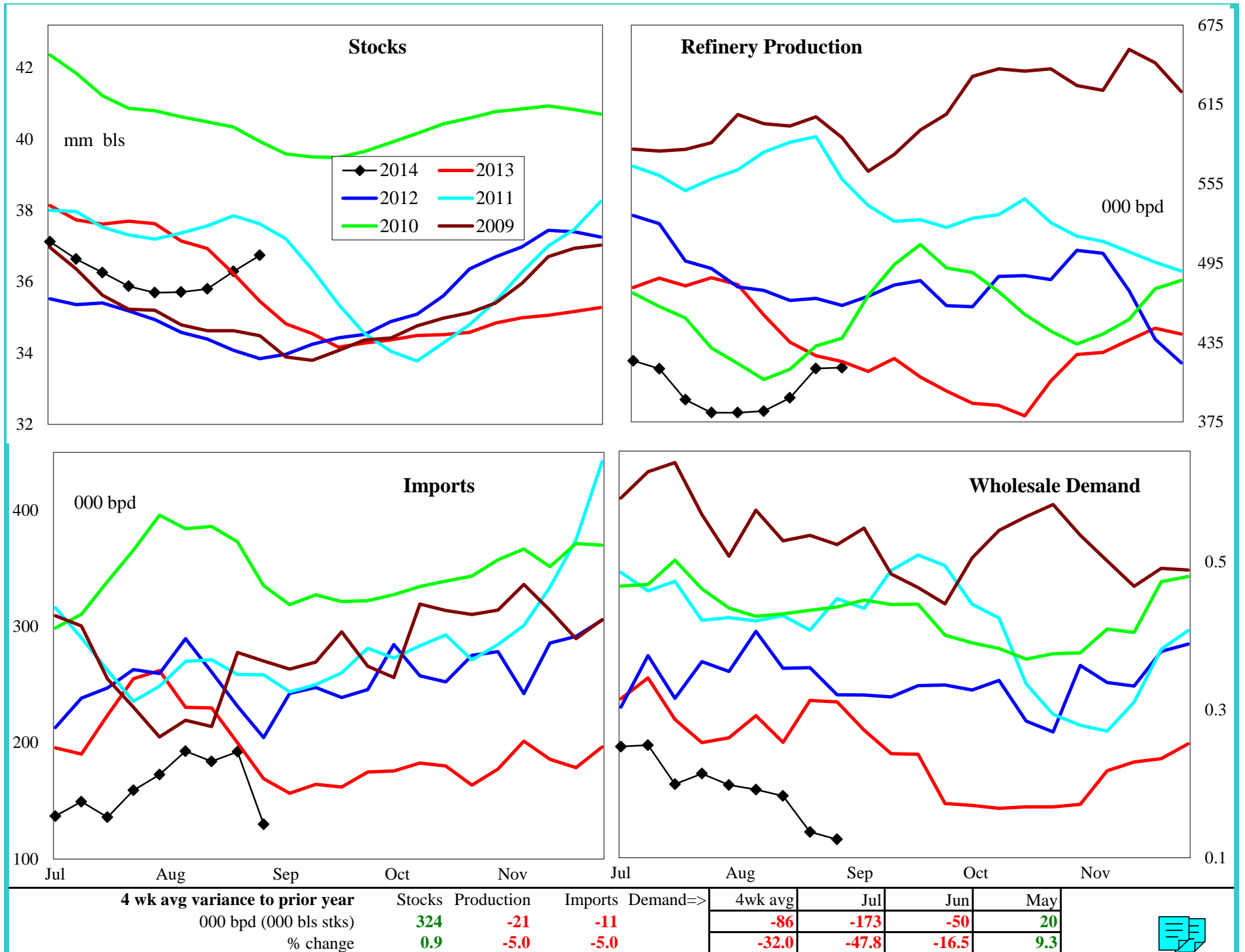
United States High Sulfur Distillate Supply



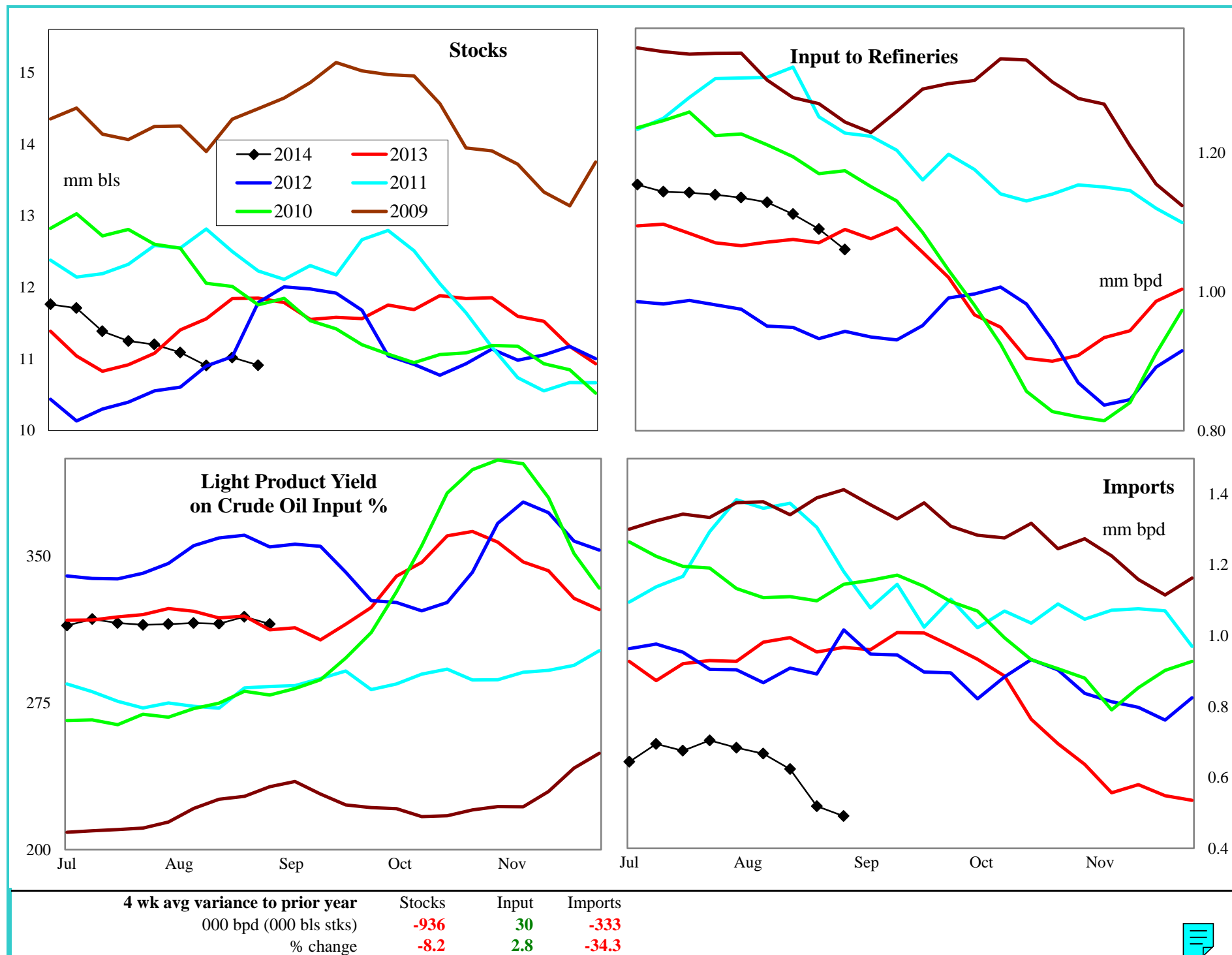
United States Jet Fuel Supply and Demand Balance



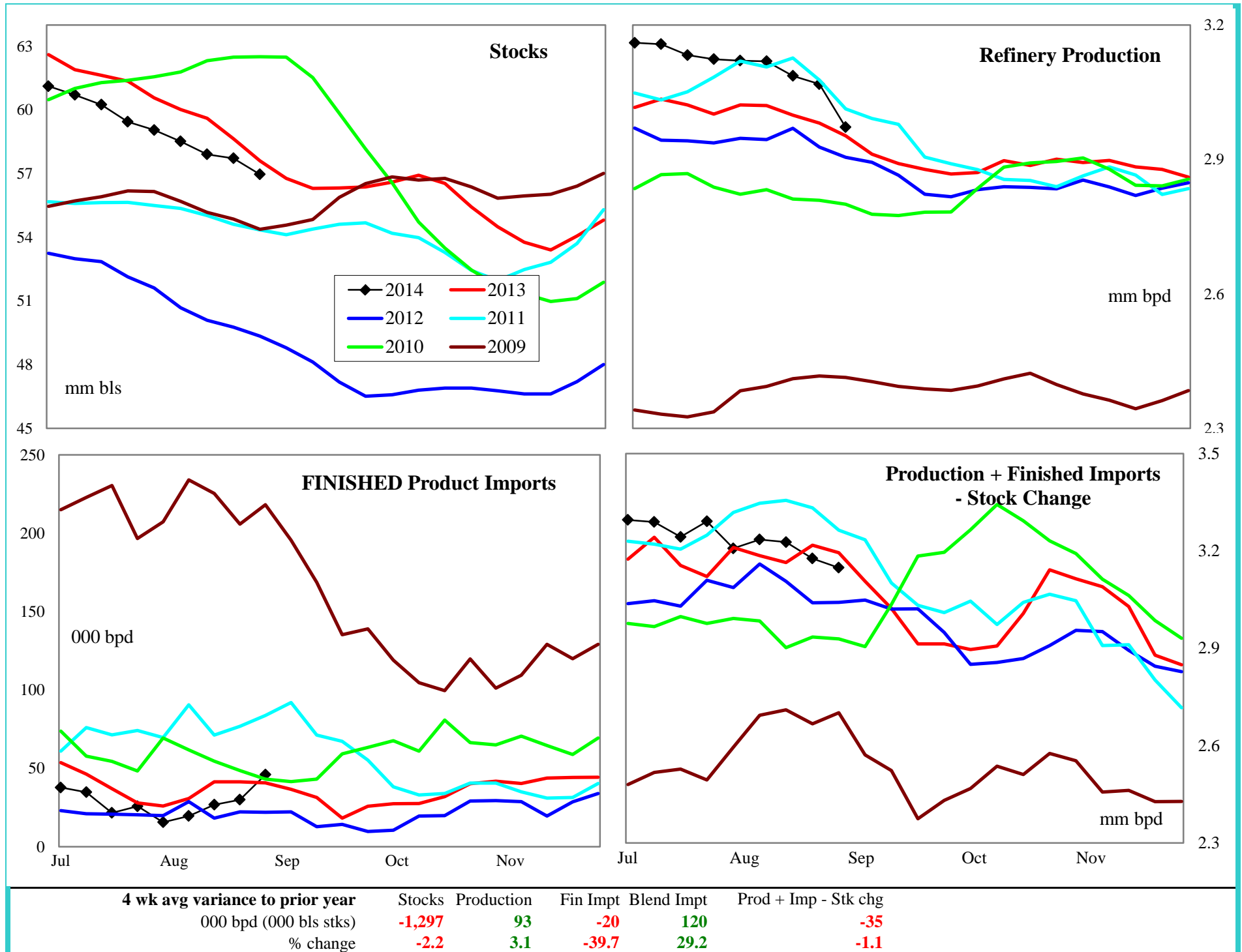
United States Residual Fuel Oil Supply and Demand Balance



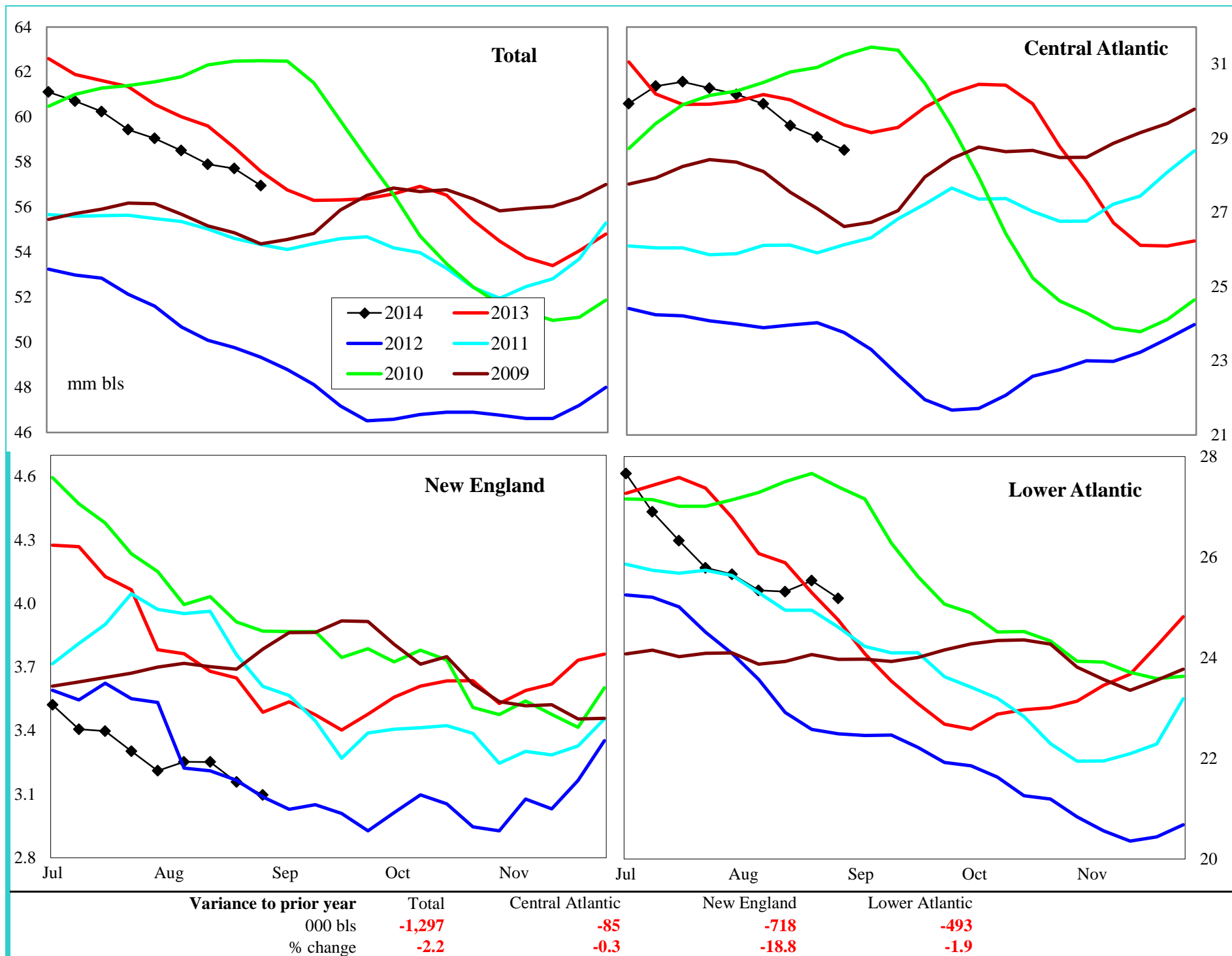
PADD 1 Crude Oil Supply and Refining



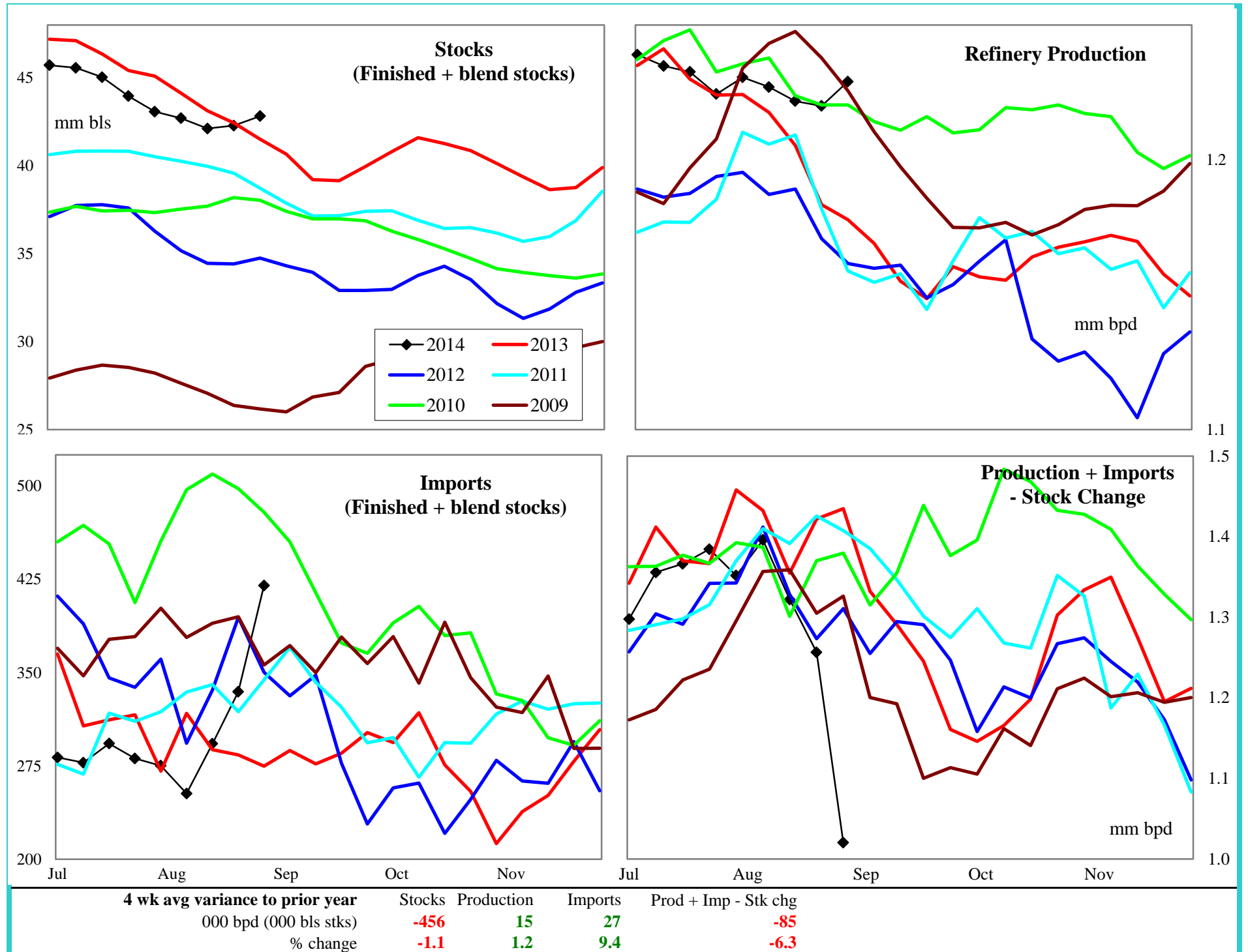
PADD 1 Gasoline Supply



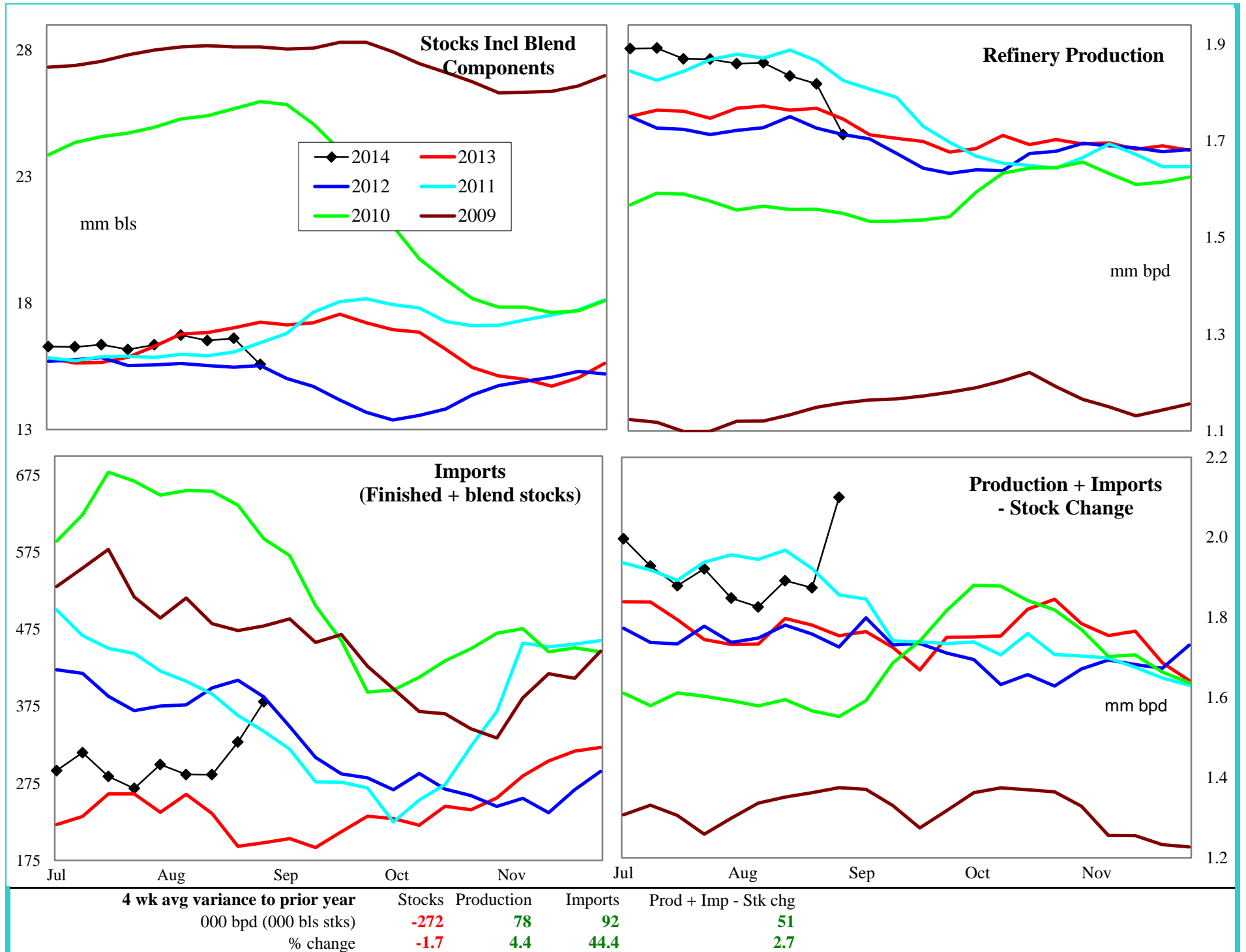
PADD 1 Gasoline Stocks by Region



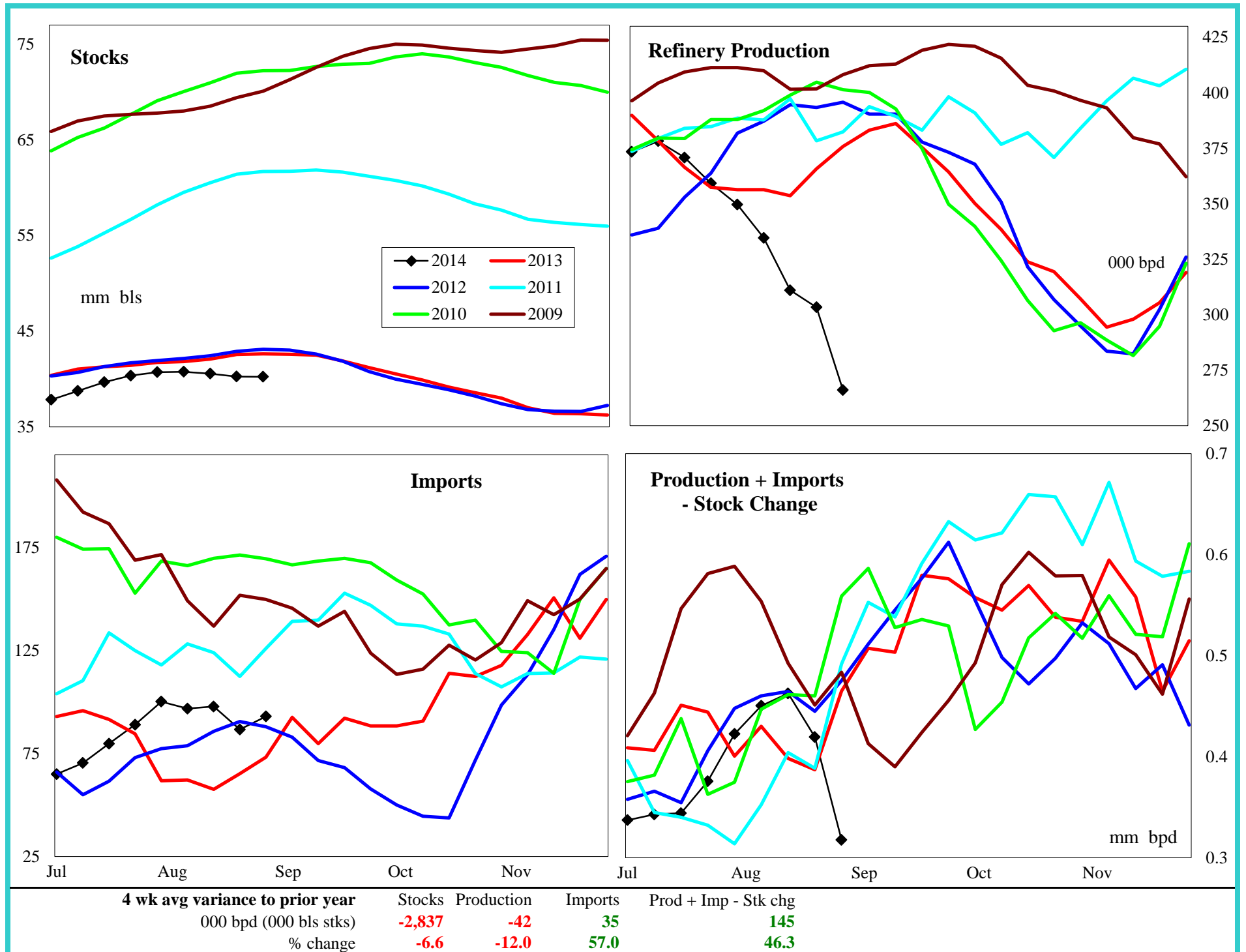
PADD 1 Reformulated Gasoline Supply



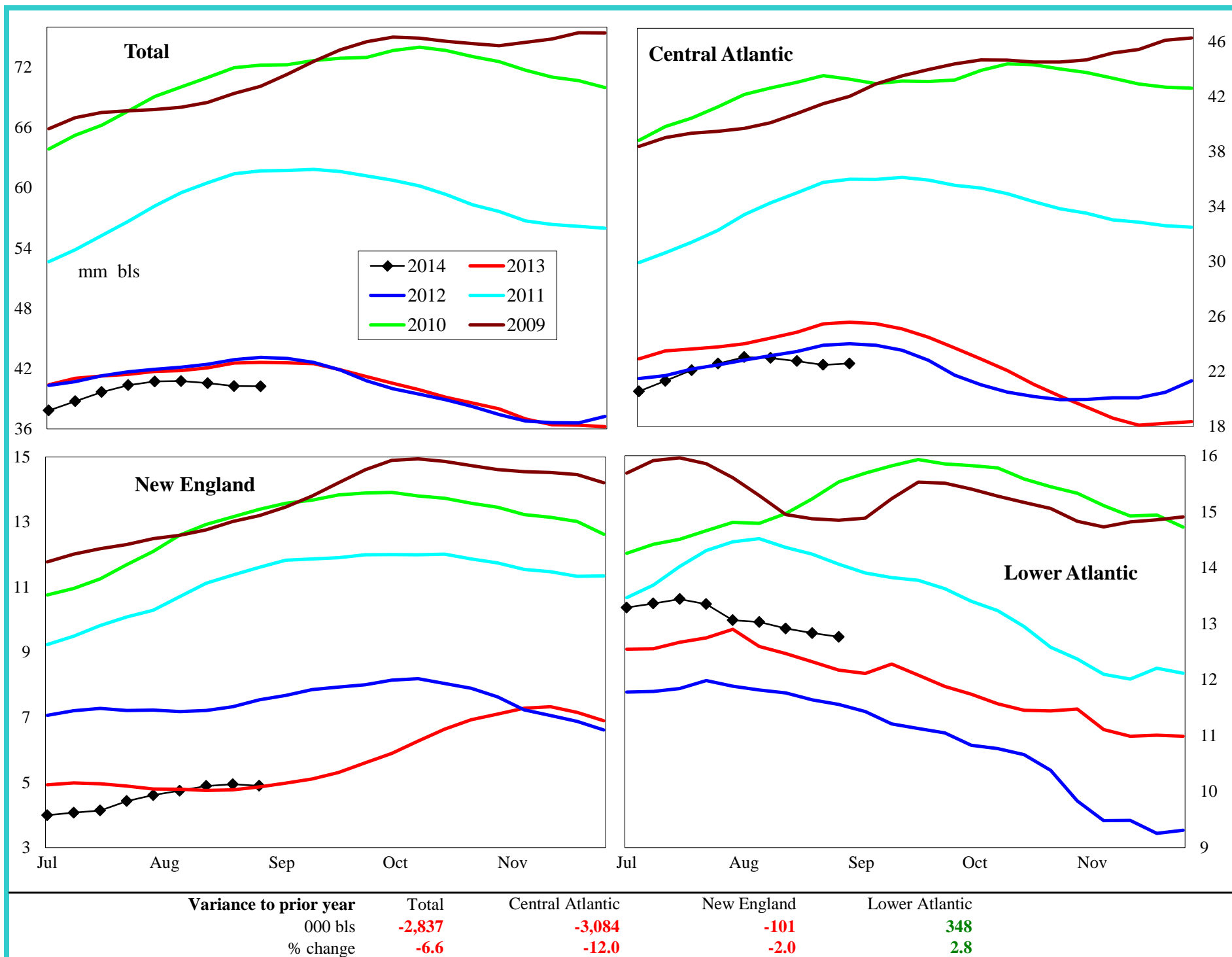
PADD 1 Conventional Gasoline Supply



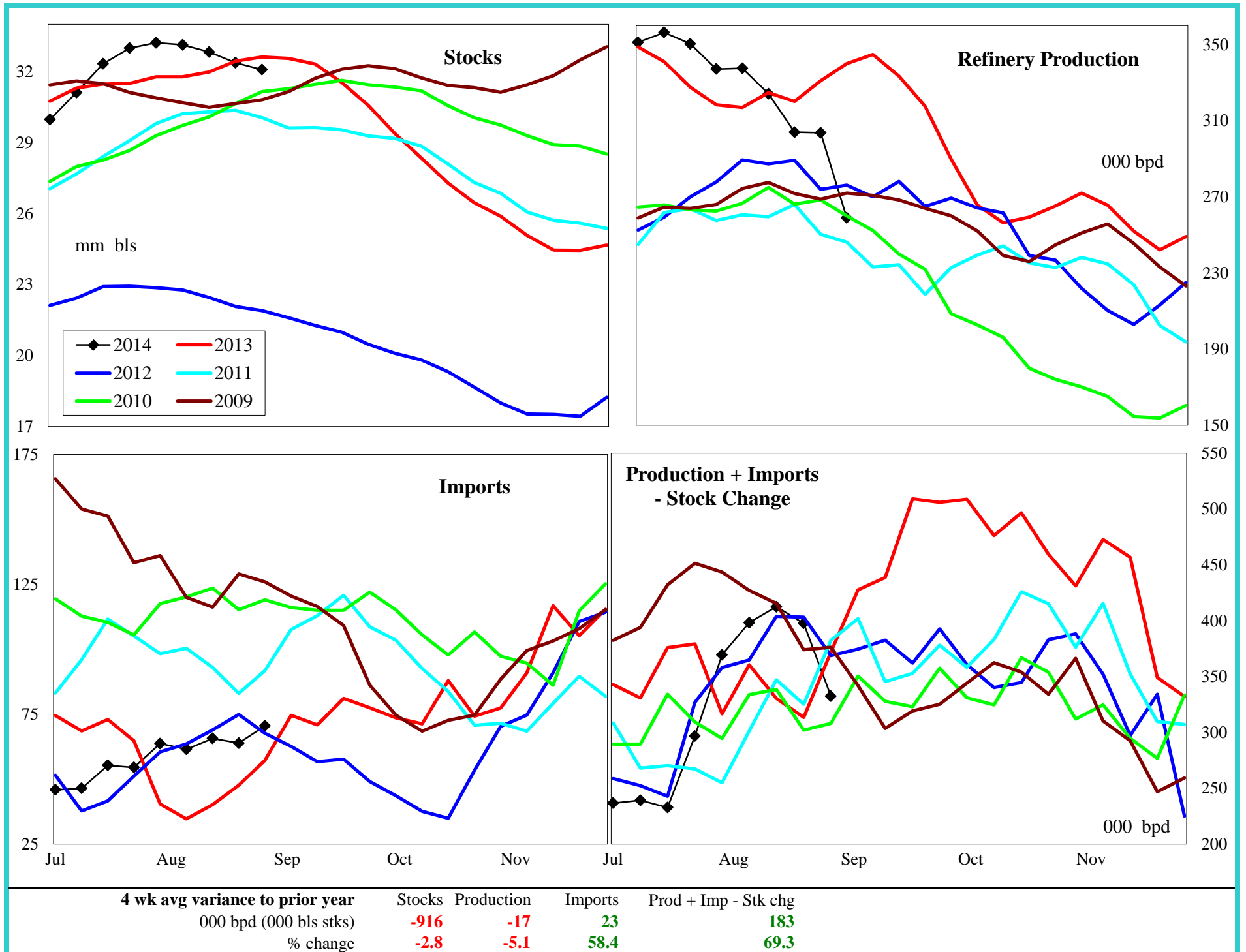
PADD 1 Distillate Supply



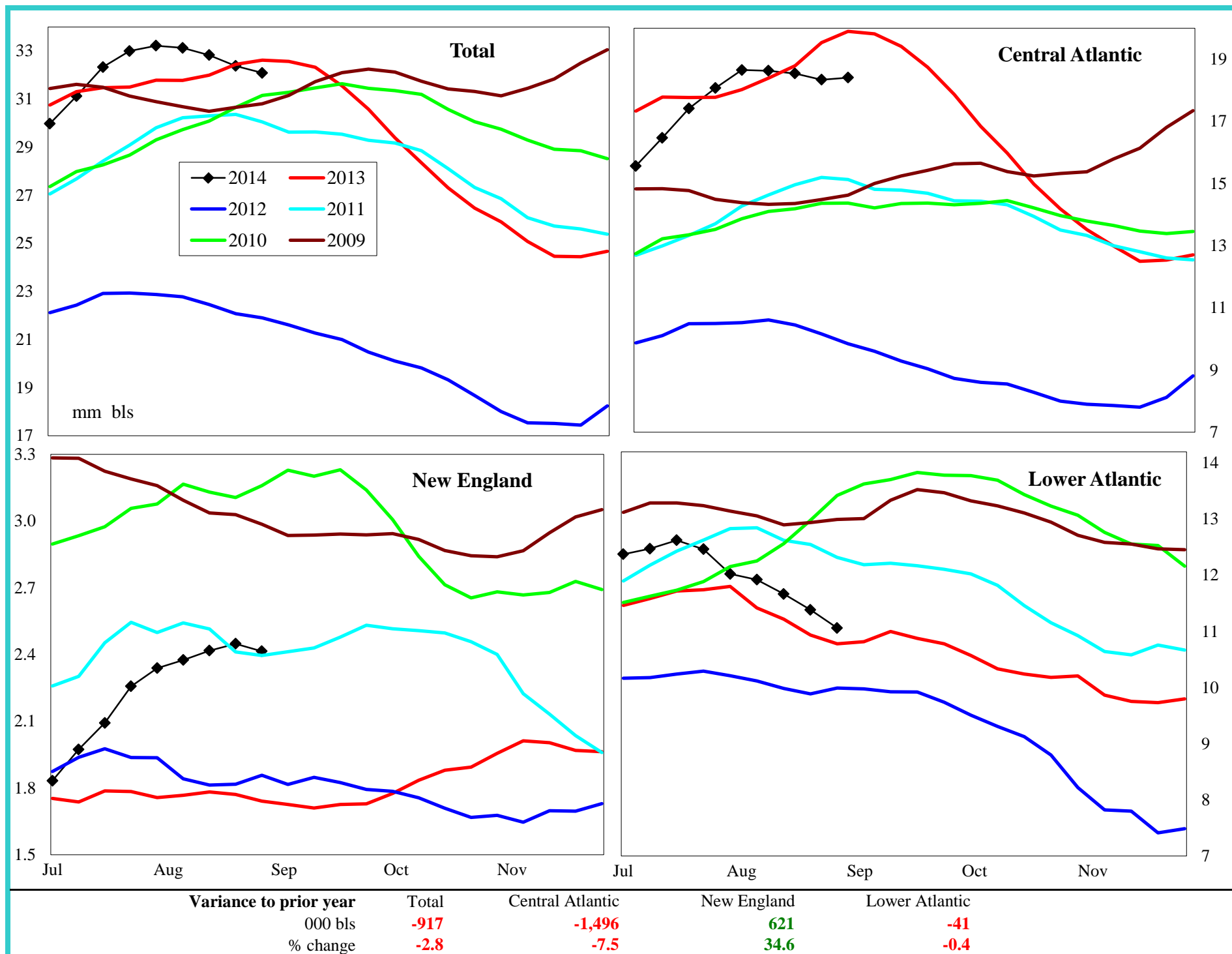
PADD 1 Distillate Stocks by Region



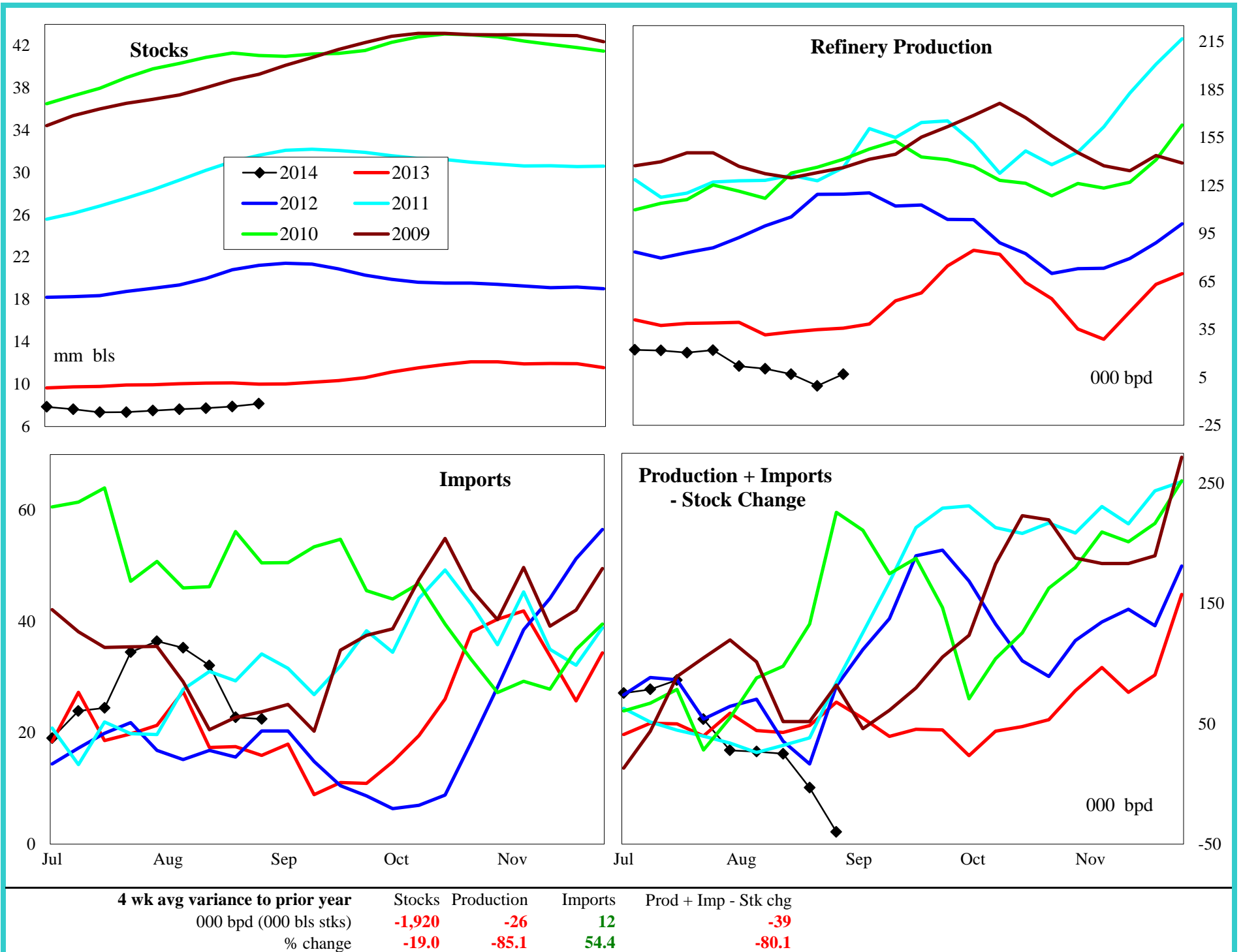
PADD 1 Low Sulfur Distillate Supply



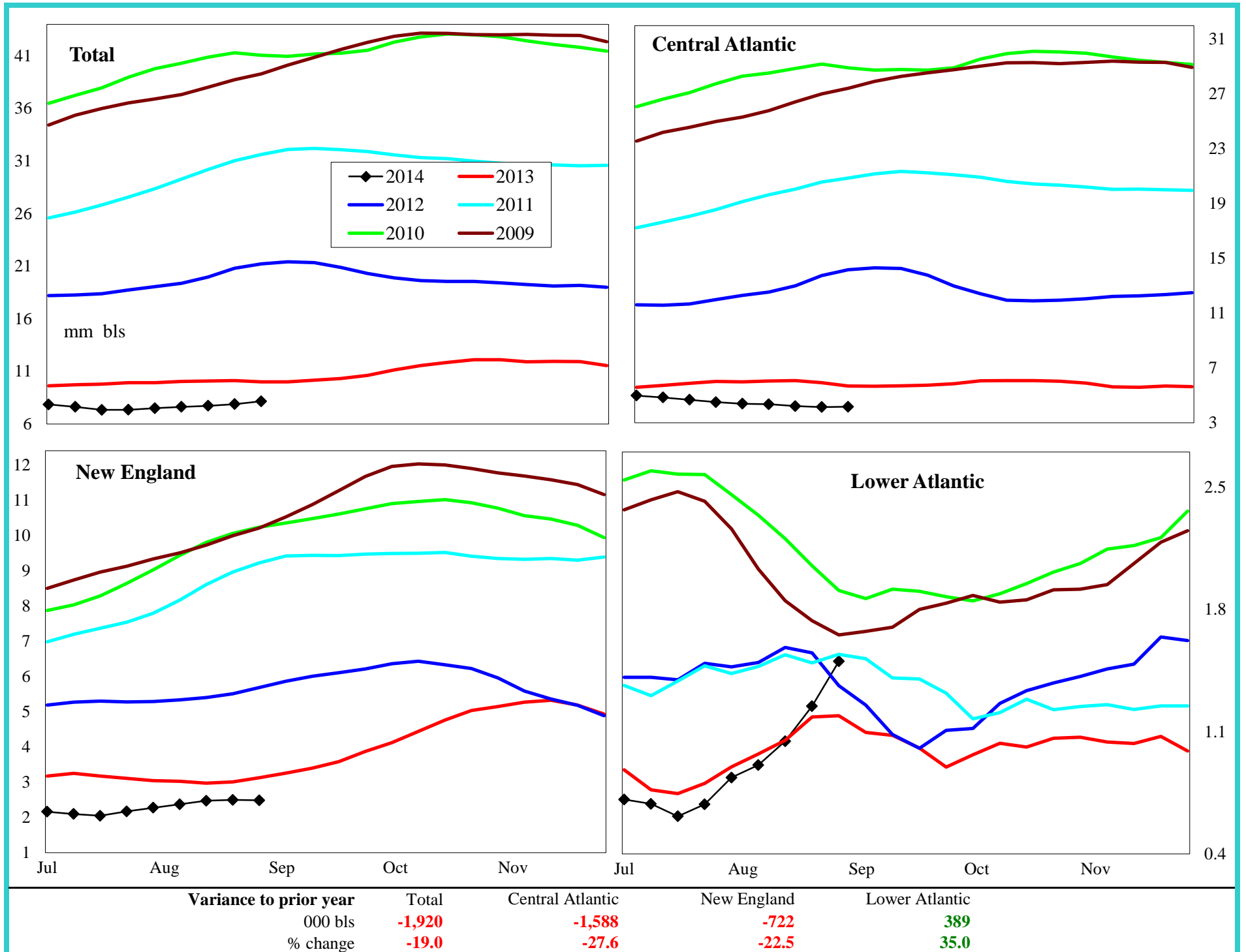
PADD 1 Low Sulfur Distillate Stocks by Region



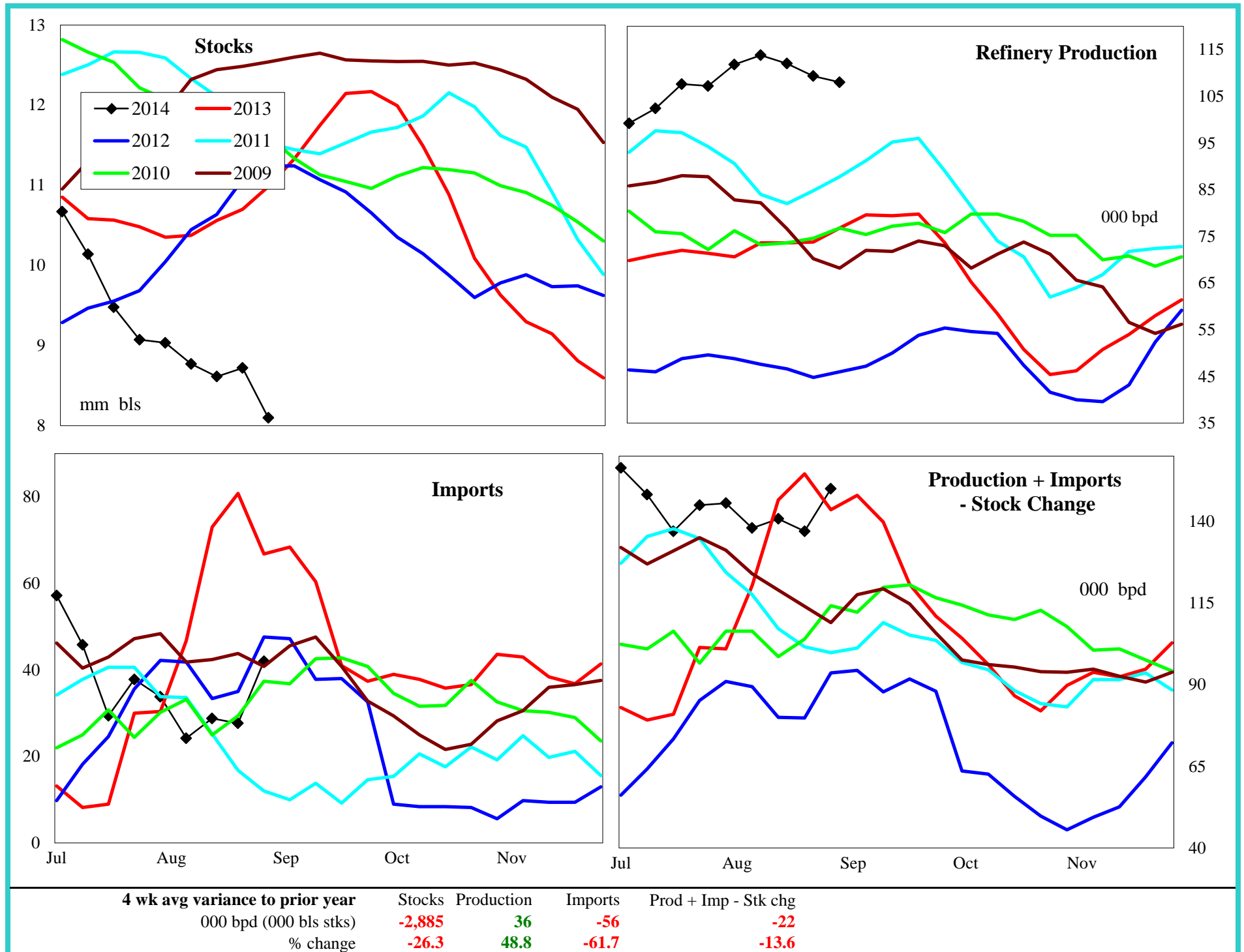
PADD 1 High Sulfur Distillate Supply



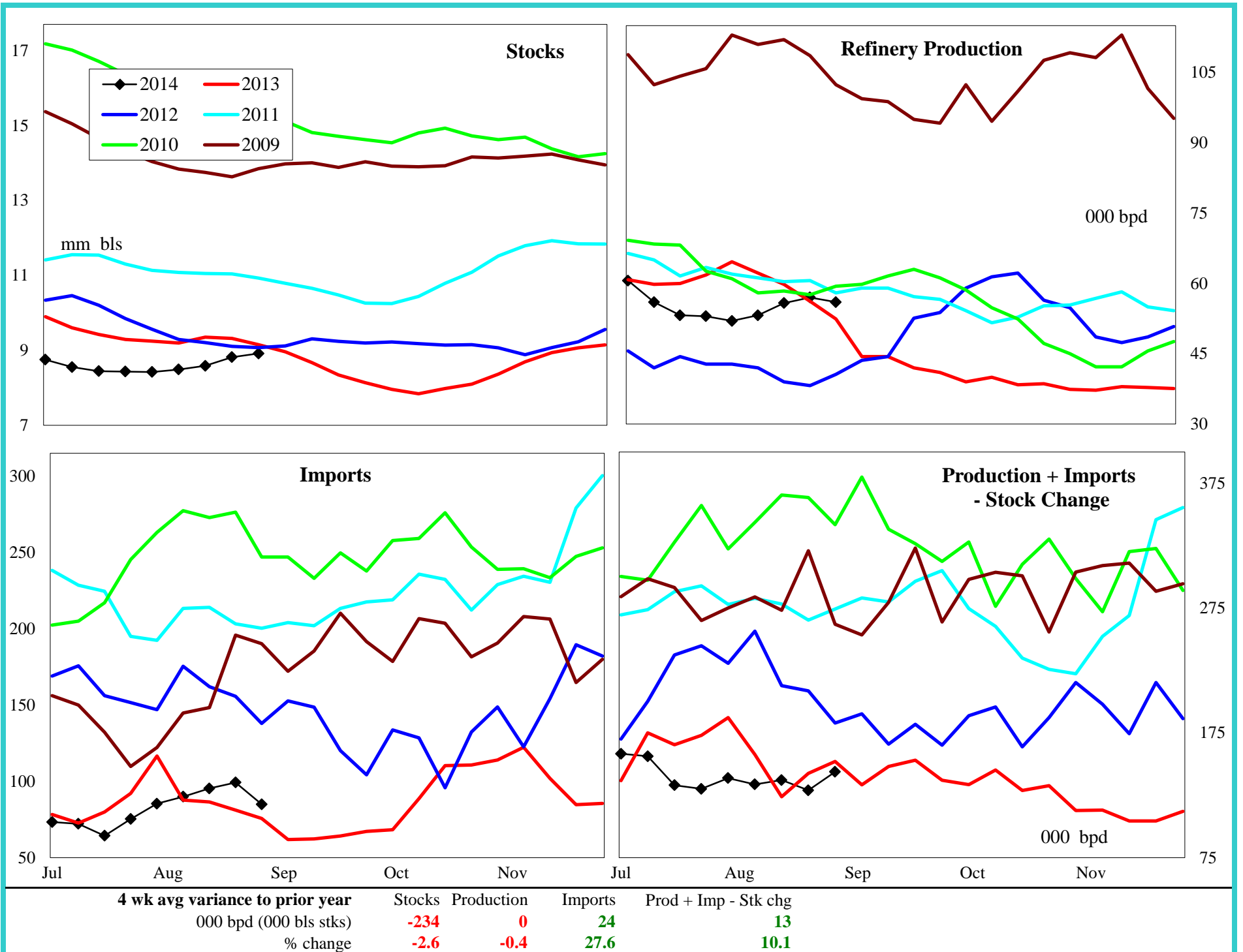
PADD 1 High Sulfur Distillate Stocks by Region



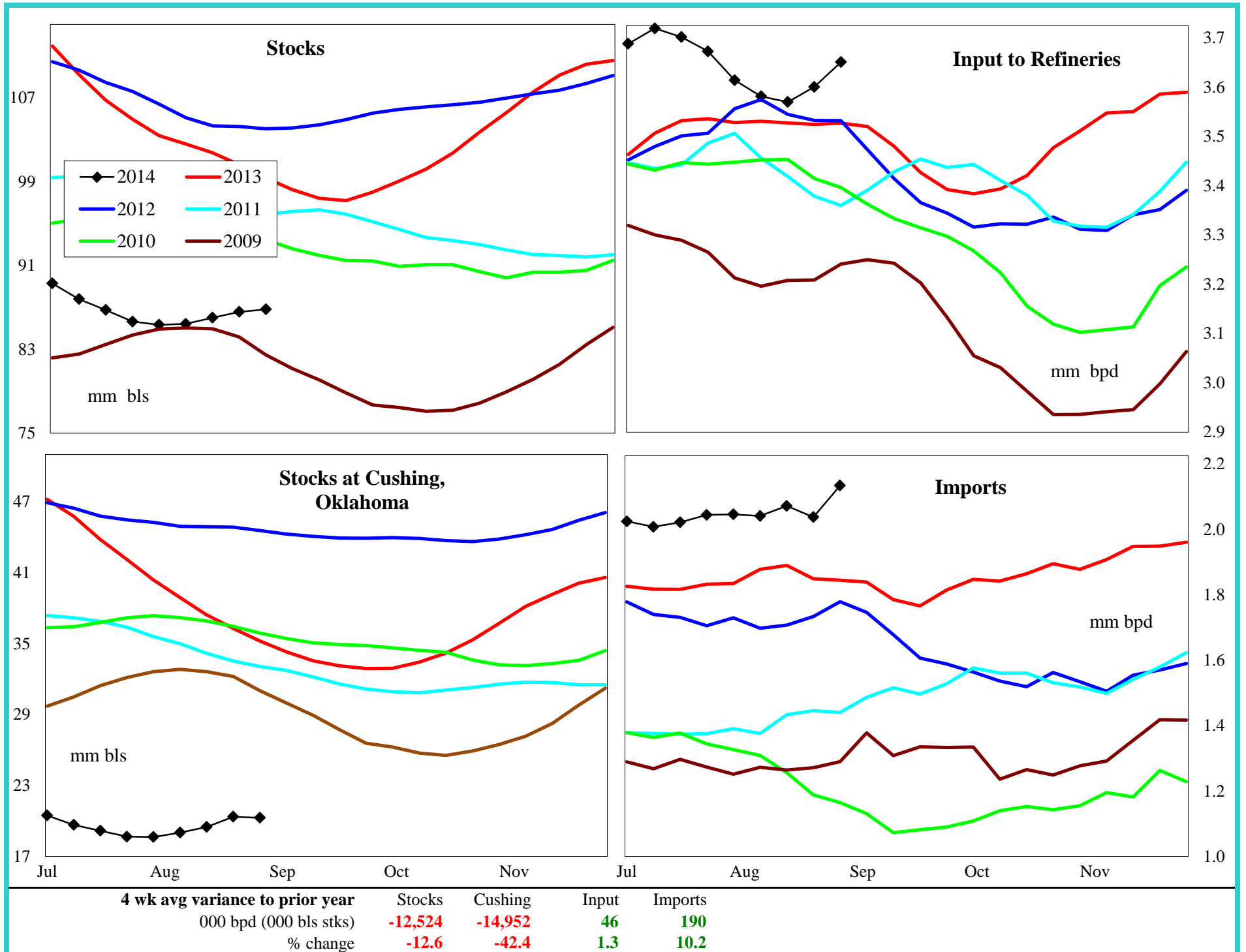
PADD 1 Jet Fuel Supply



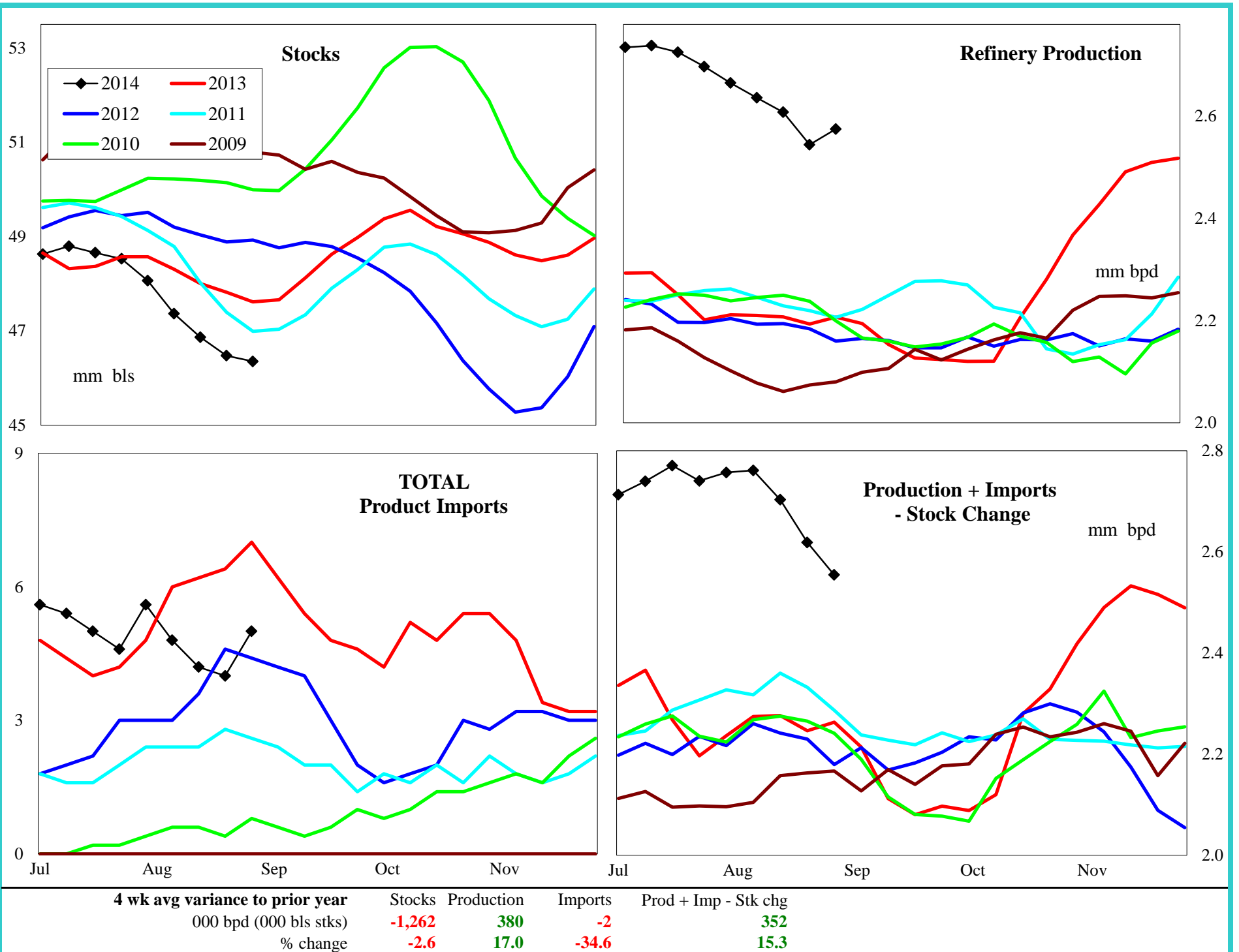
PADD 1 Residual Fuel Oil Supply



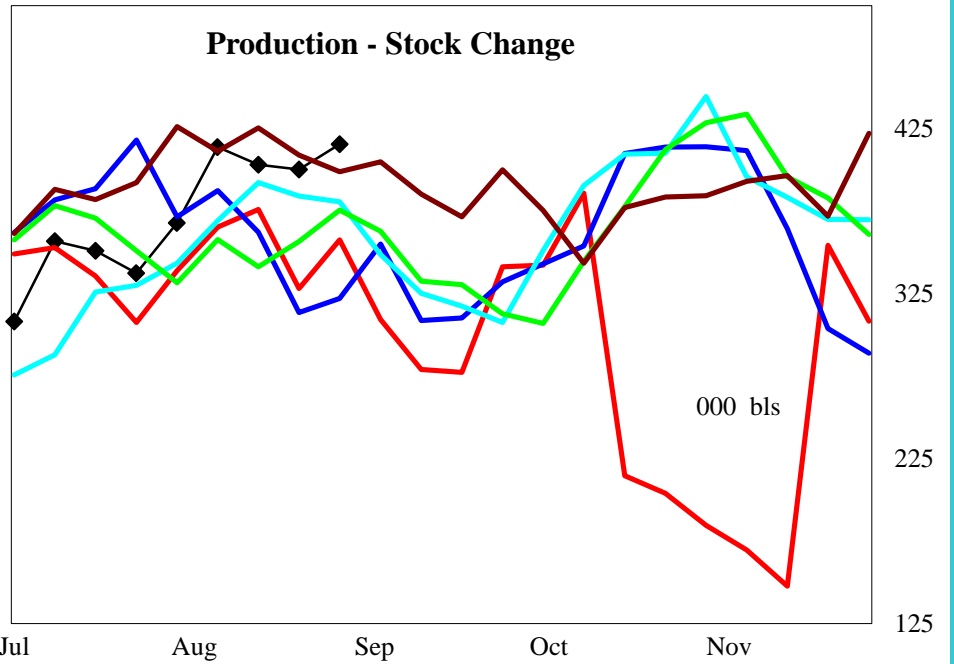
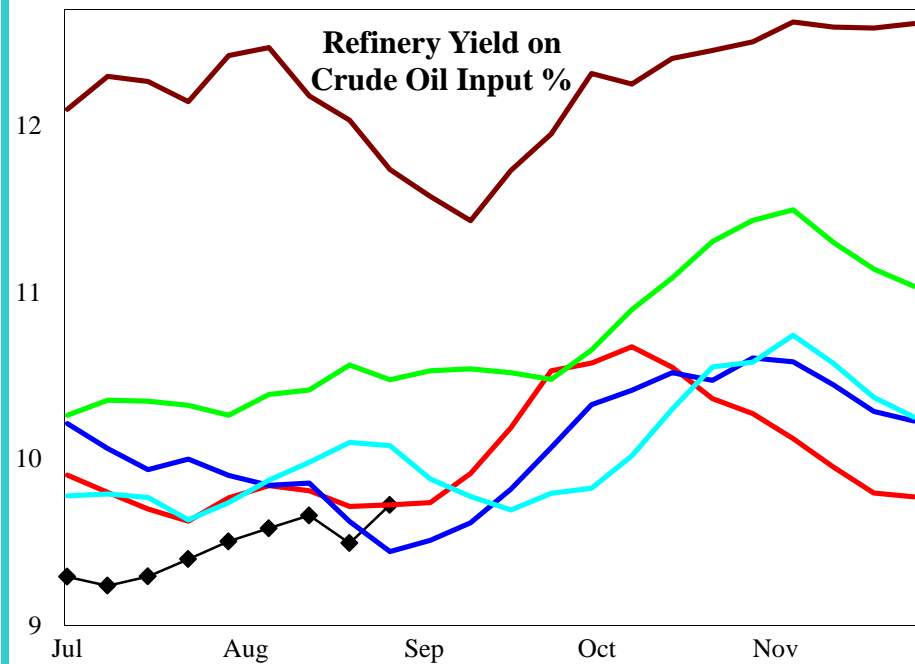
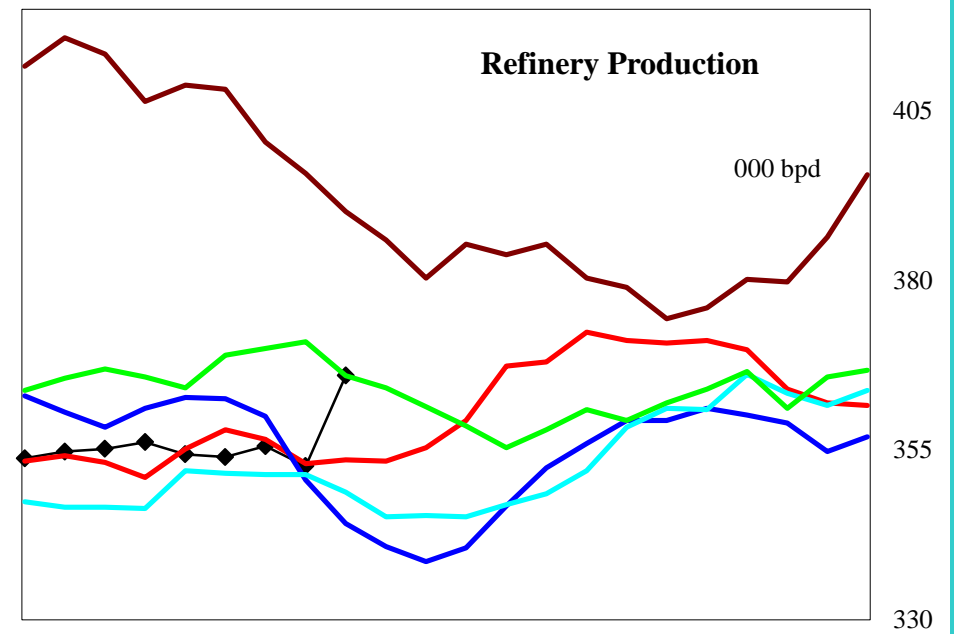
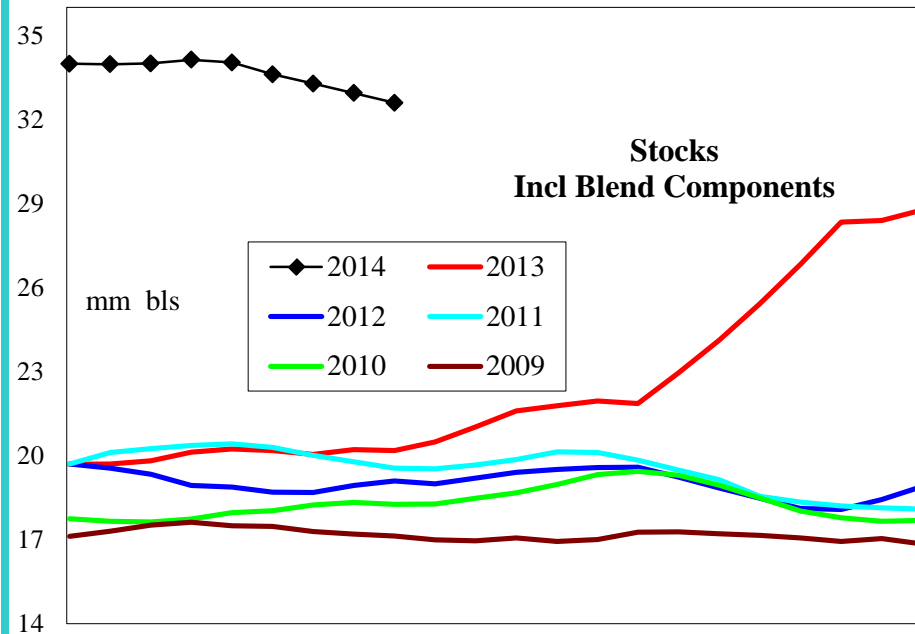
PADD 2 Crude Oil Supply and Refining



PADD 2 Gasoline Supply



PADD 2 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks Production

12,407 2

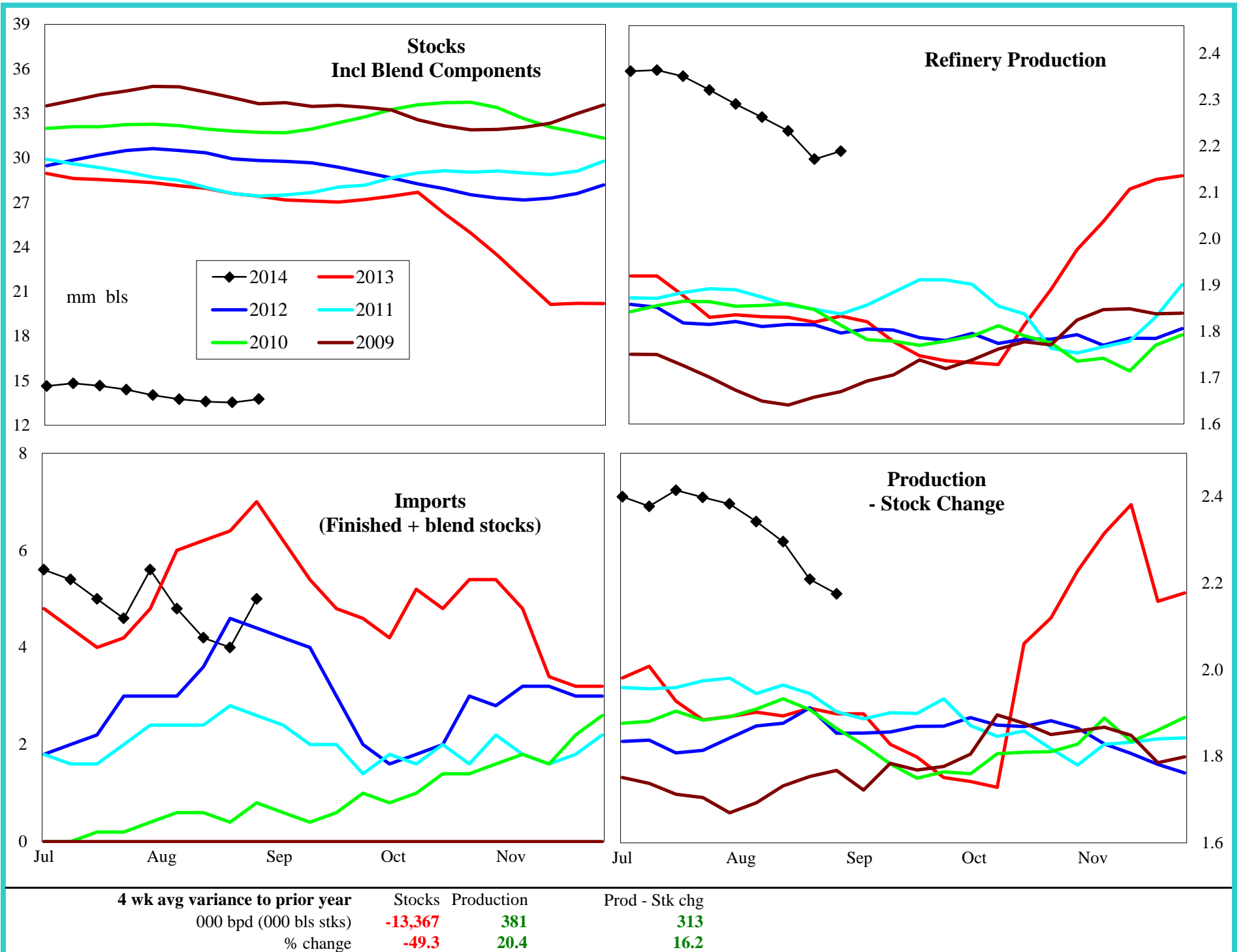
61.5 0.5

Prod - Stk chg

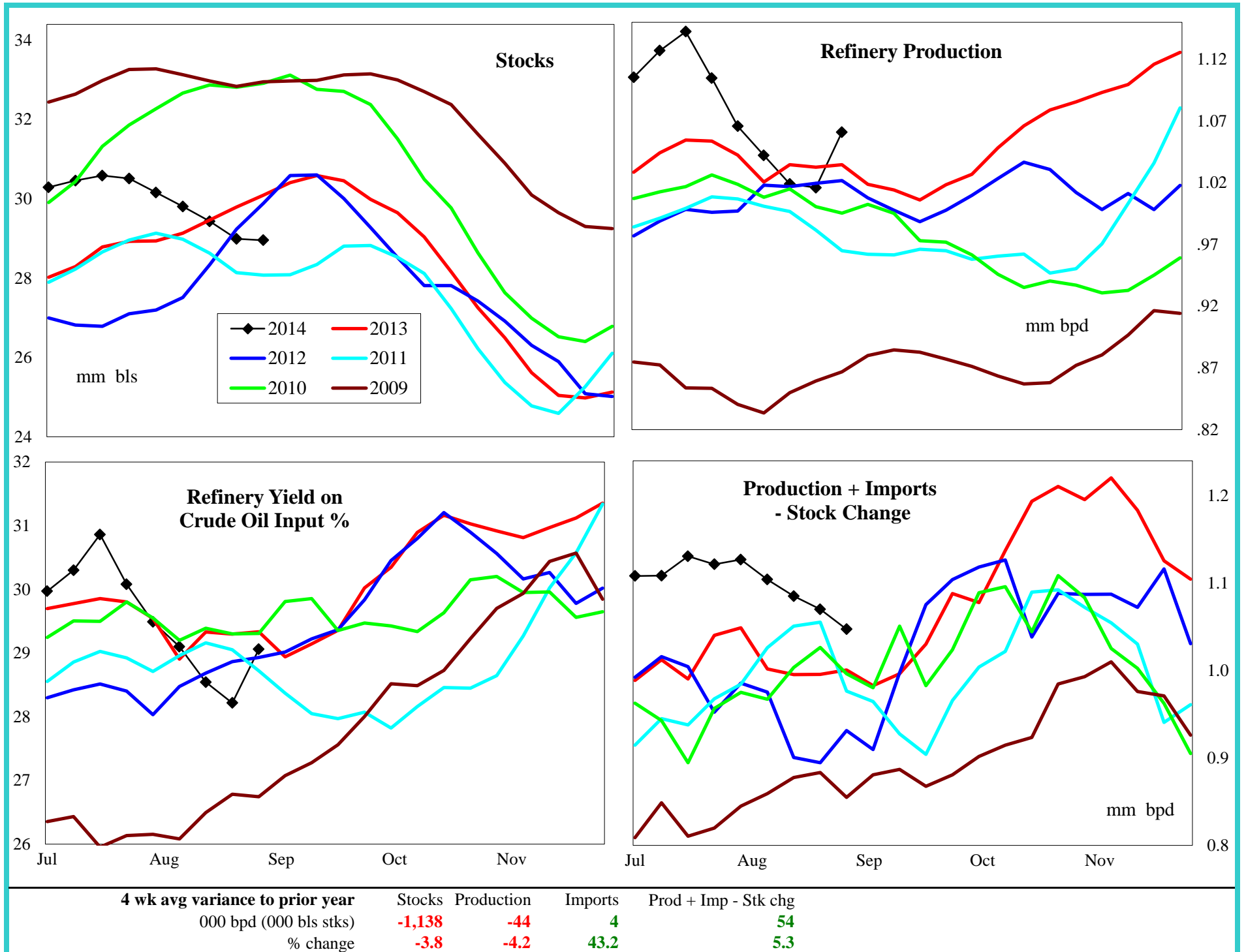
51

14.4

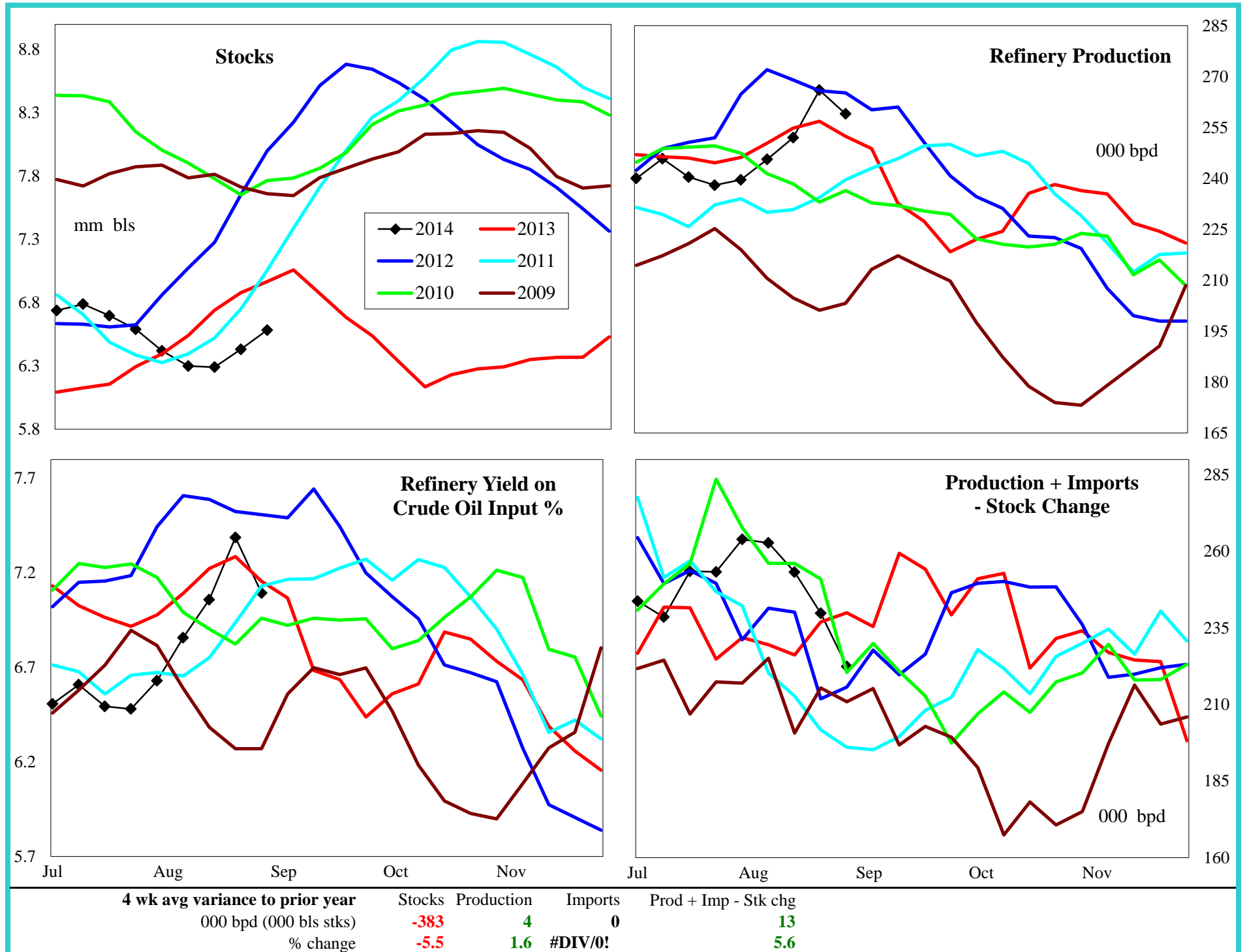
PADD 2 Conventional Gasoline Supply



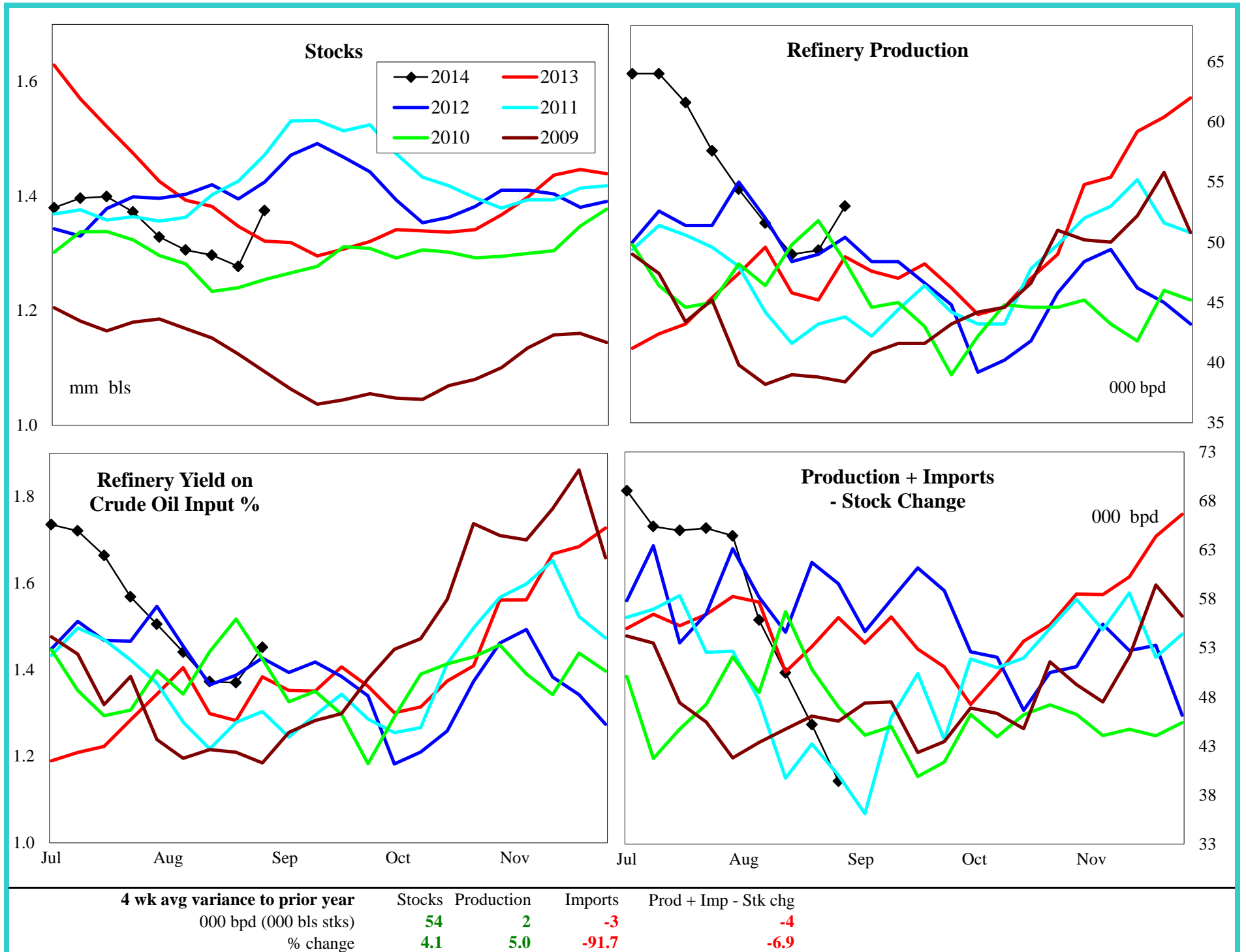
PADD 2 Distillate Supply



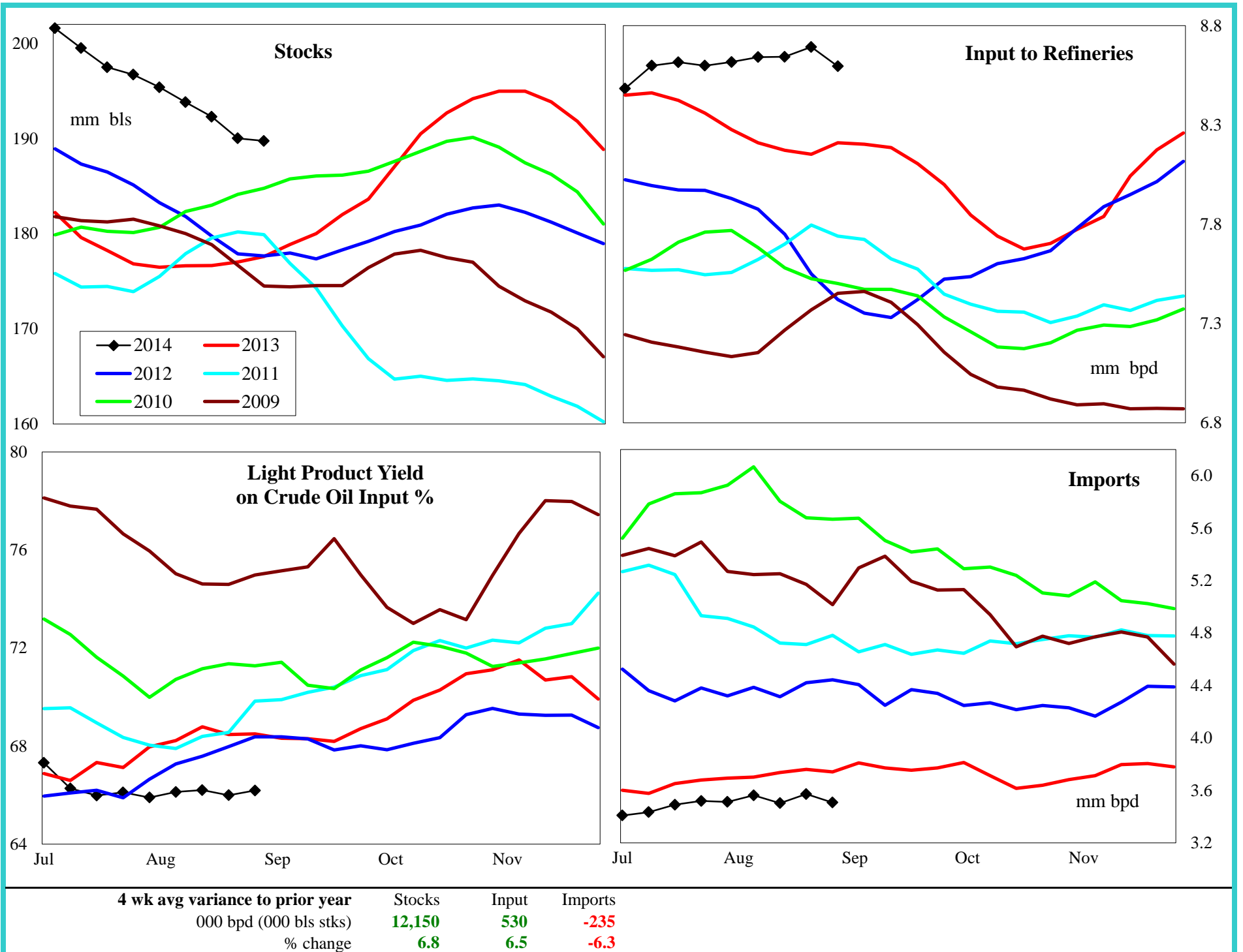
PADD 2 Jet Fuel Supply



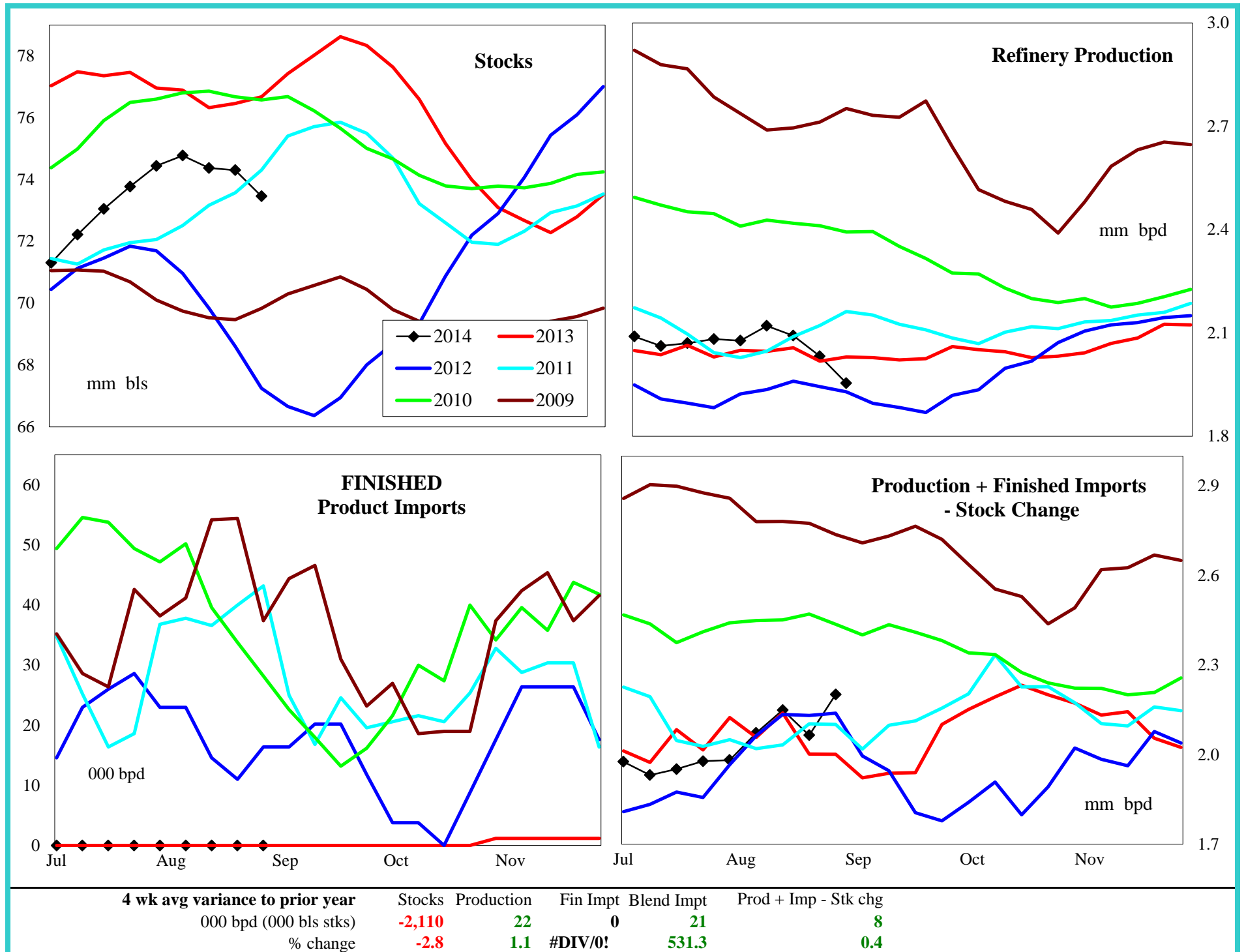
PADD 2 Residual Fuel Oil Supply



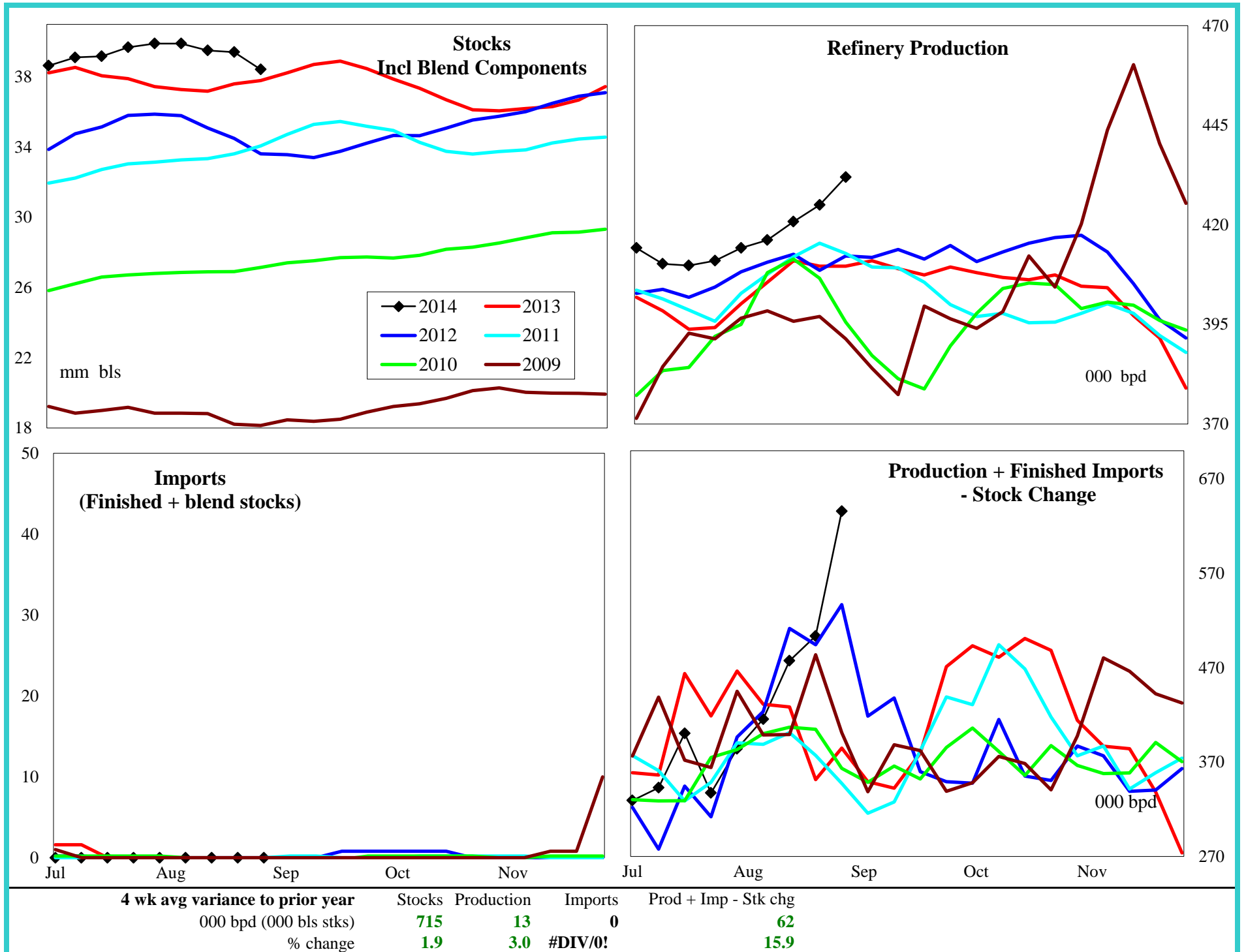
PADD 3 Crude Oil Supply and Refining



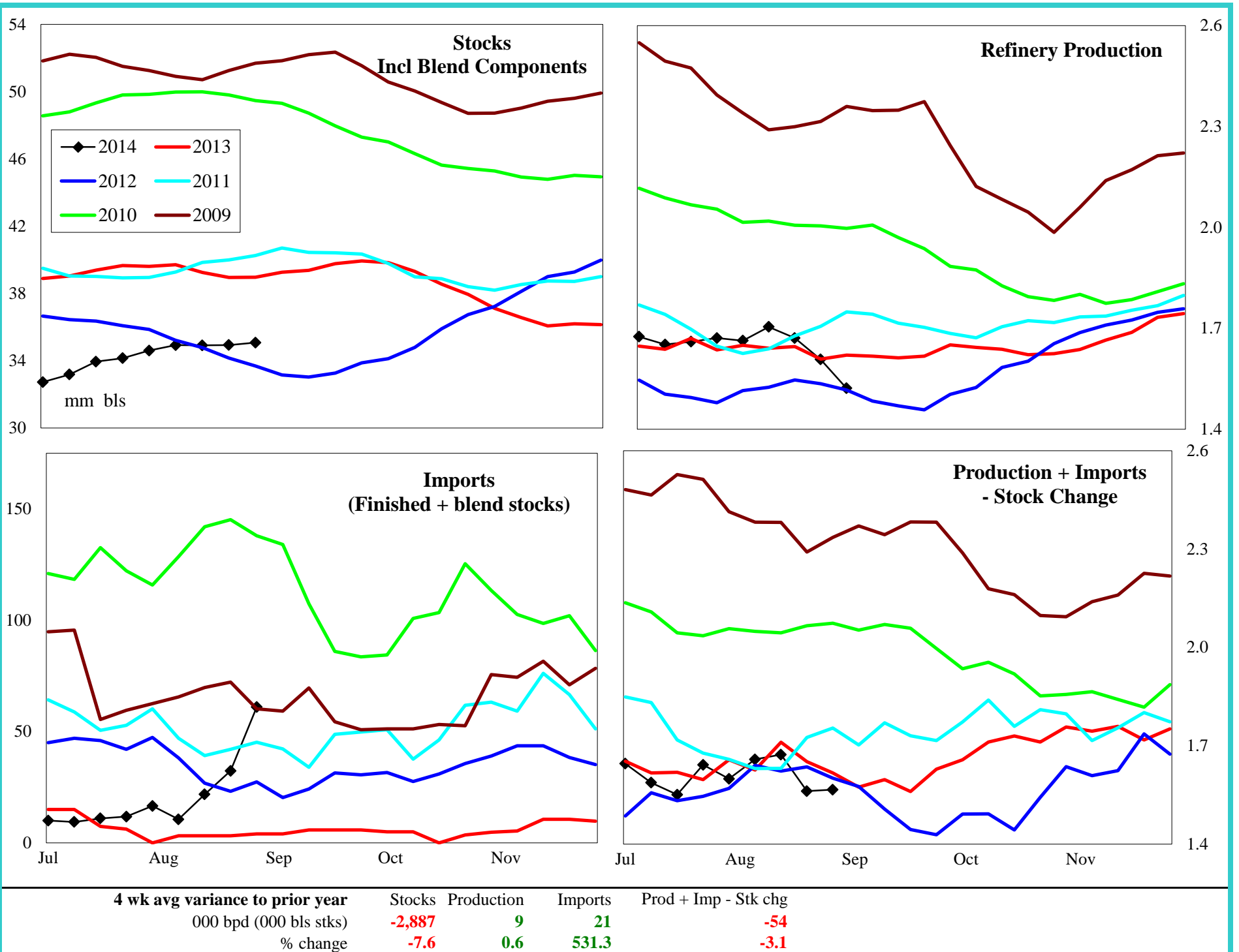
PADD 3 Gasoline Supply



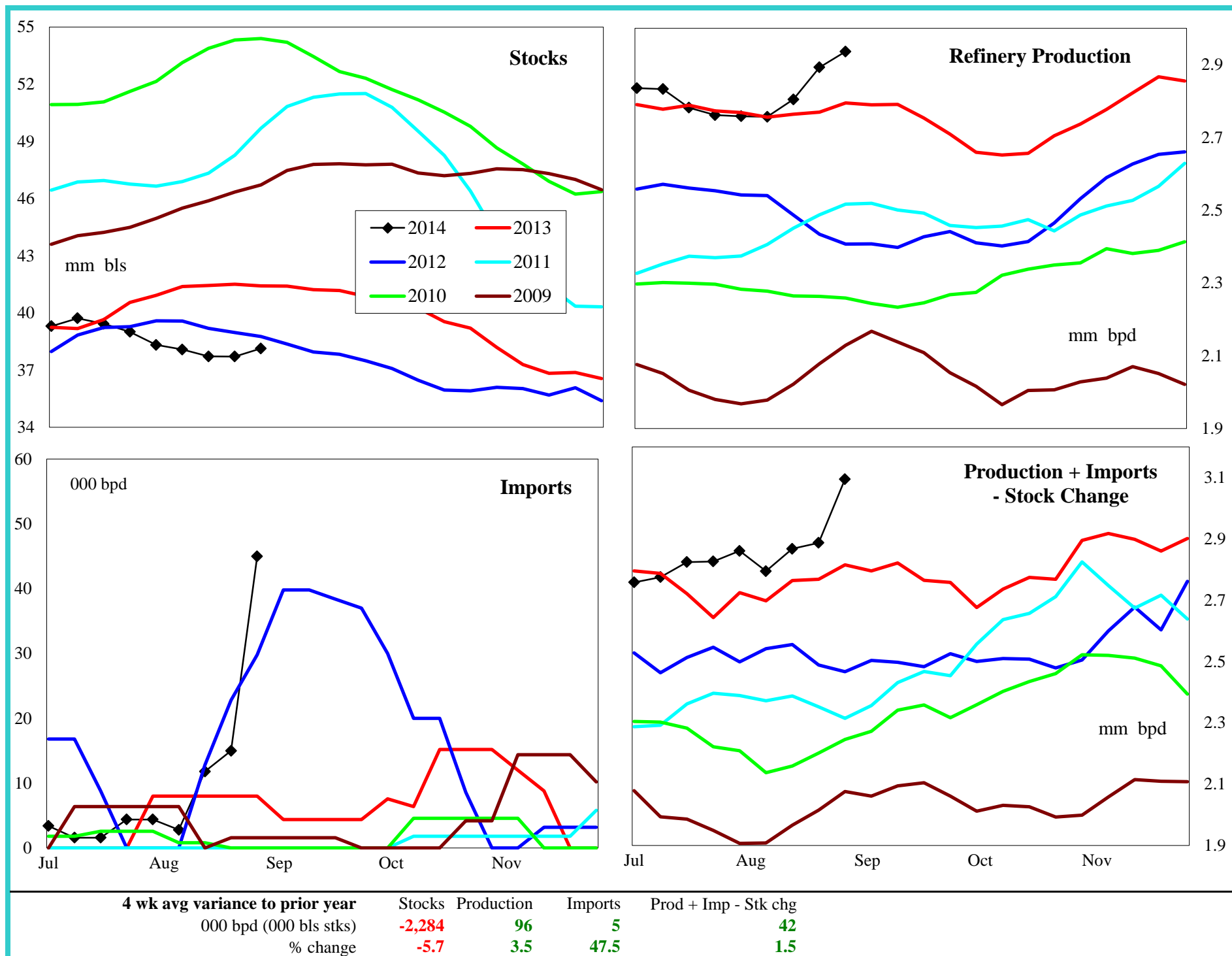
PADD 3 Reformulated Gasoline Supply



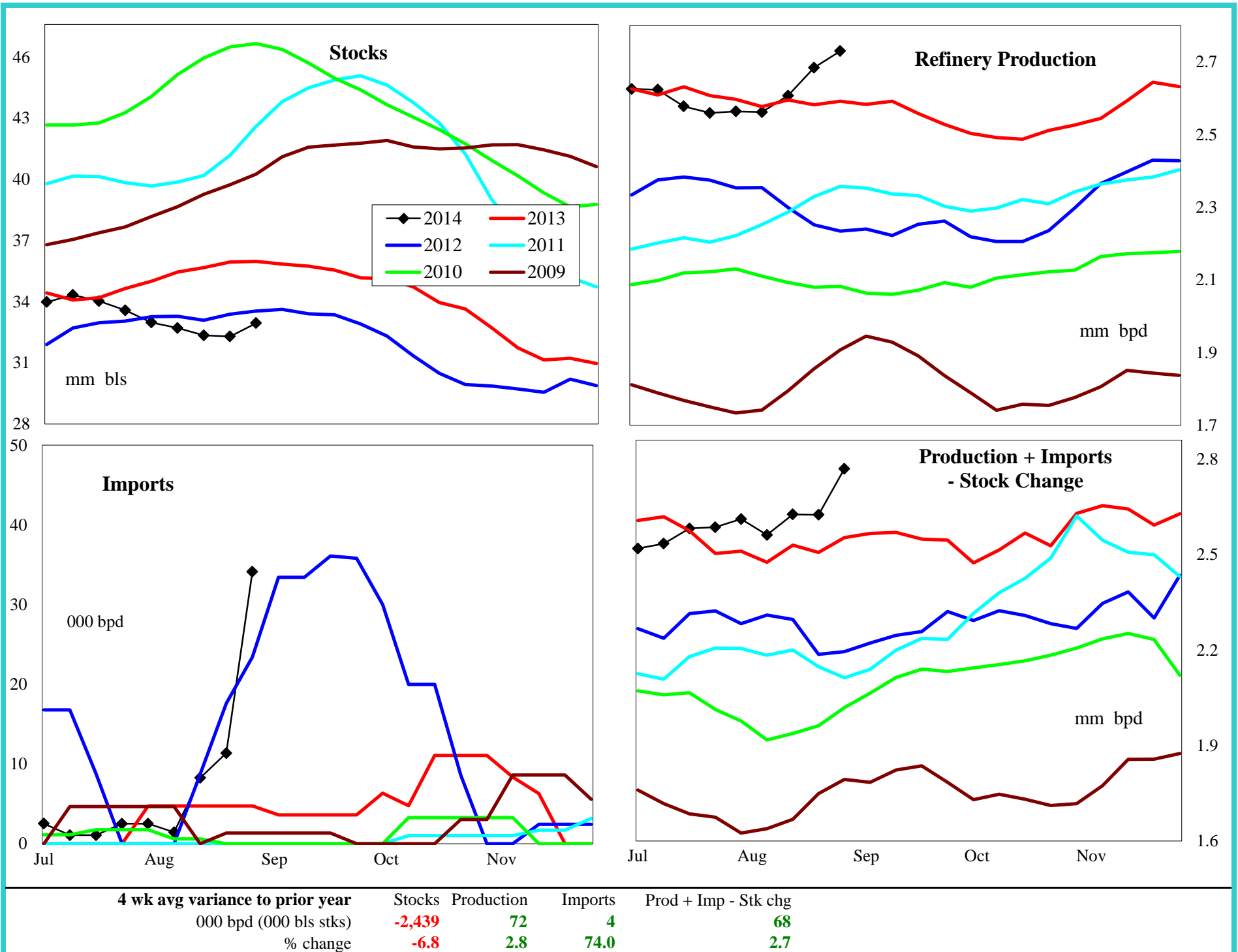
PADD 3 Conventional Gasoline Supply



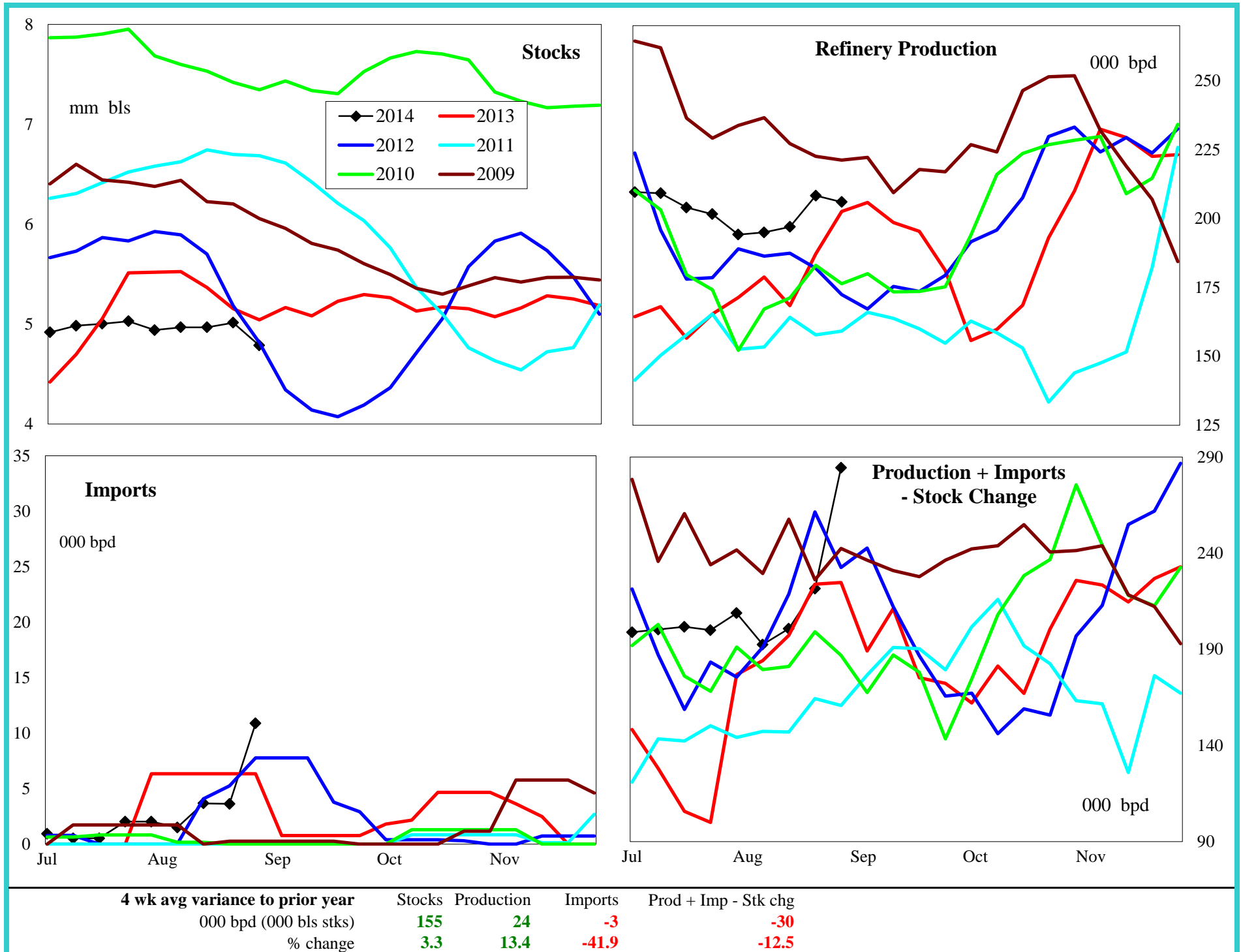
PADD 3 Distillate Supply



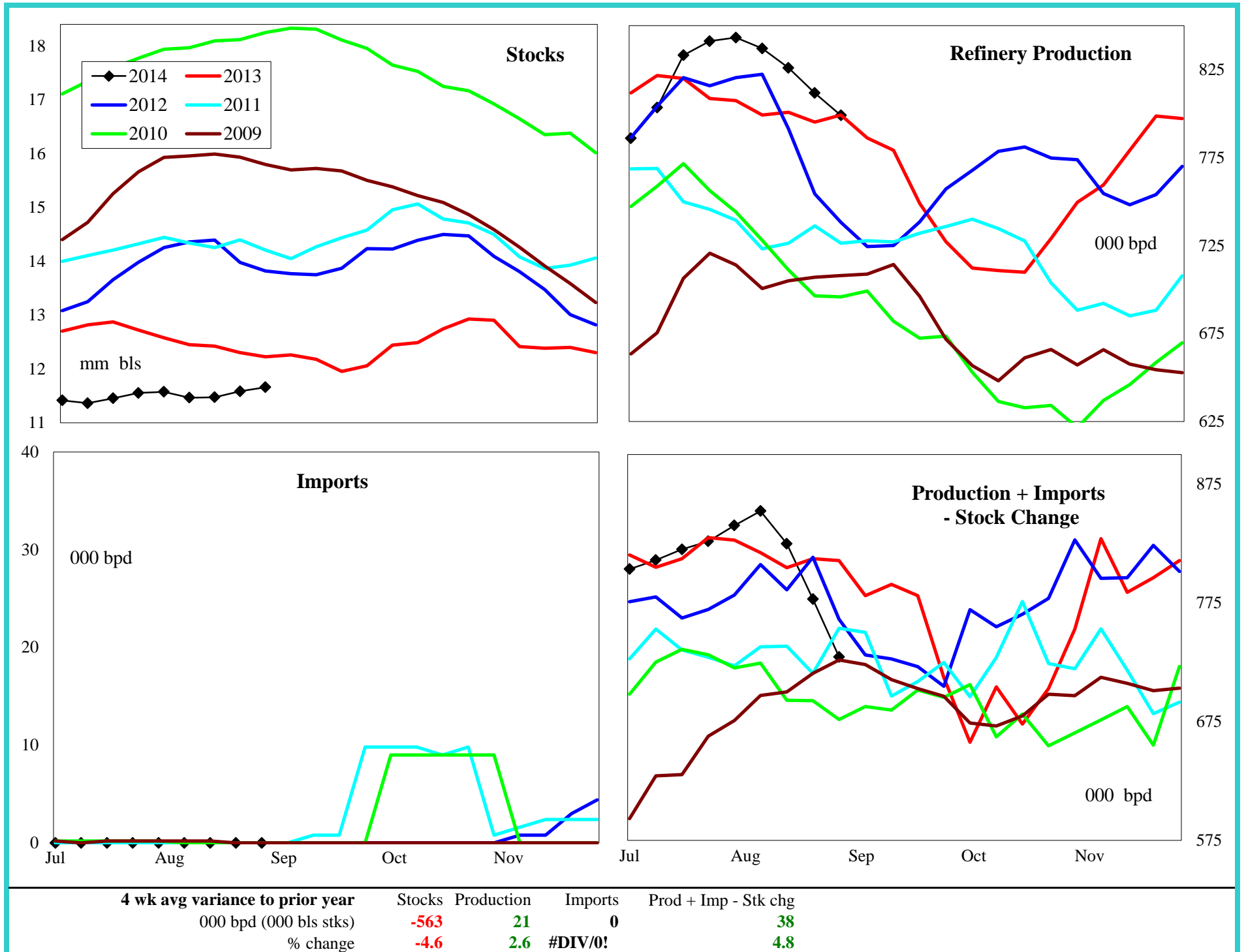
PADD 3 Low Sulfur Distillate Supply



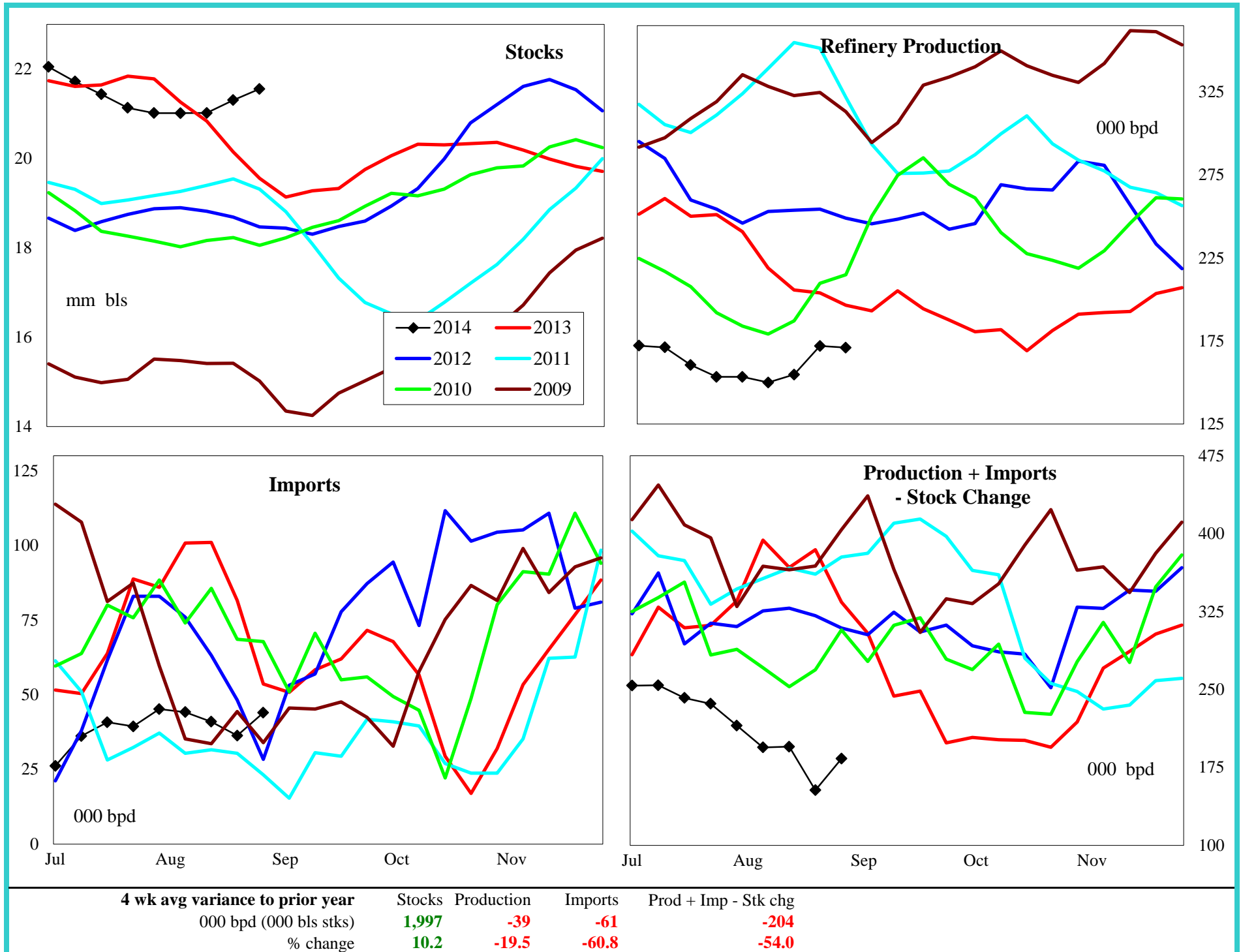
PADD 3 High Sulfur Distillate Supply



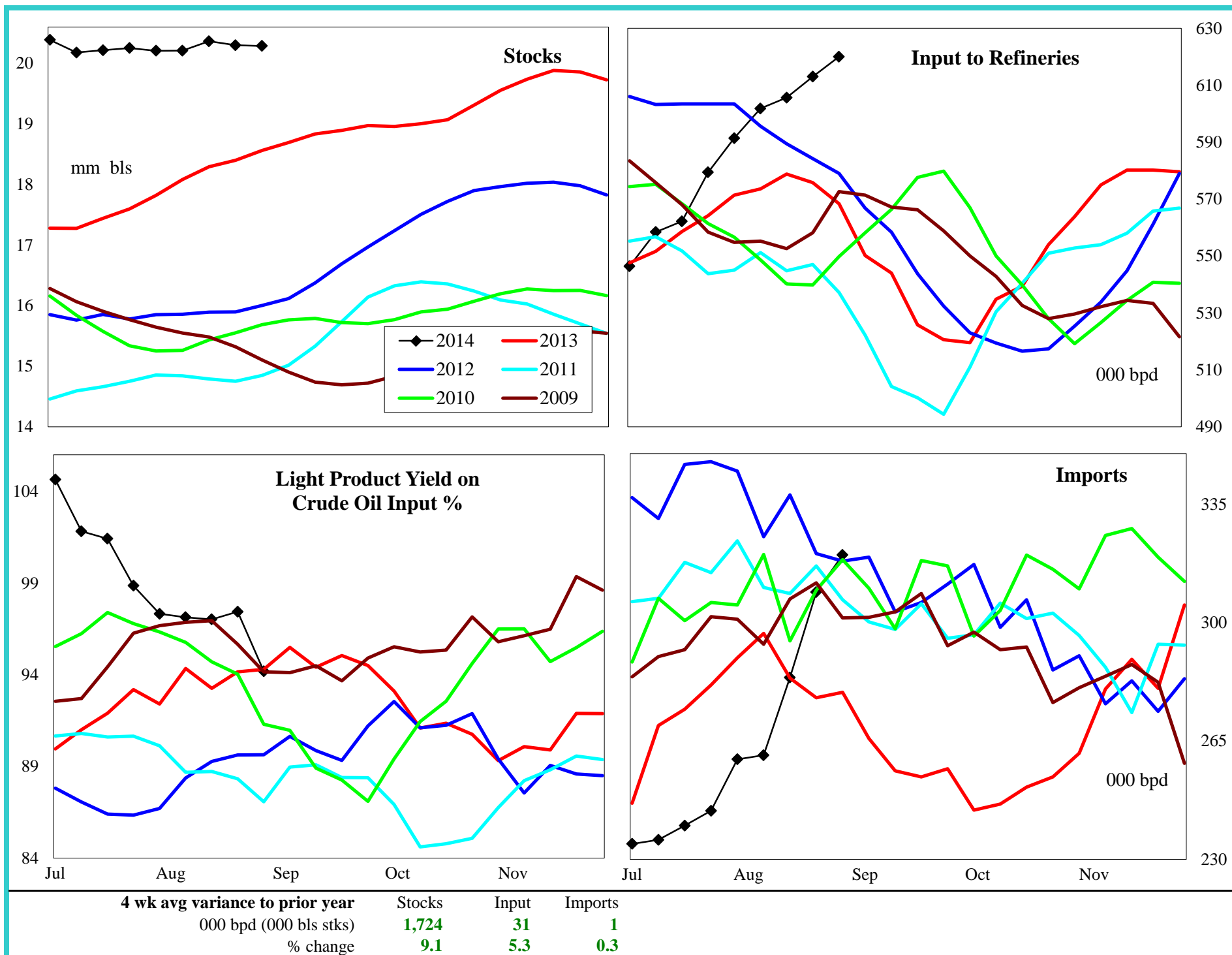
PADD 3 Jet Fuel Supply



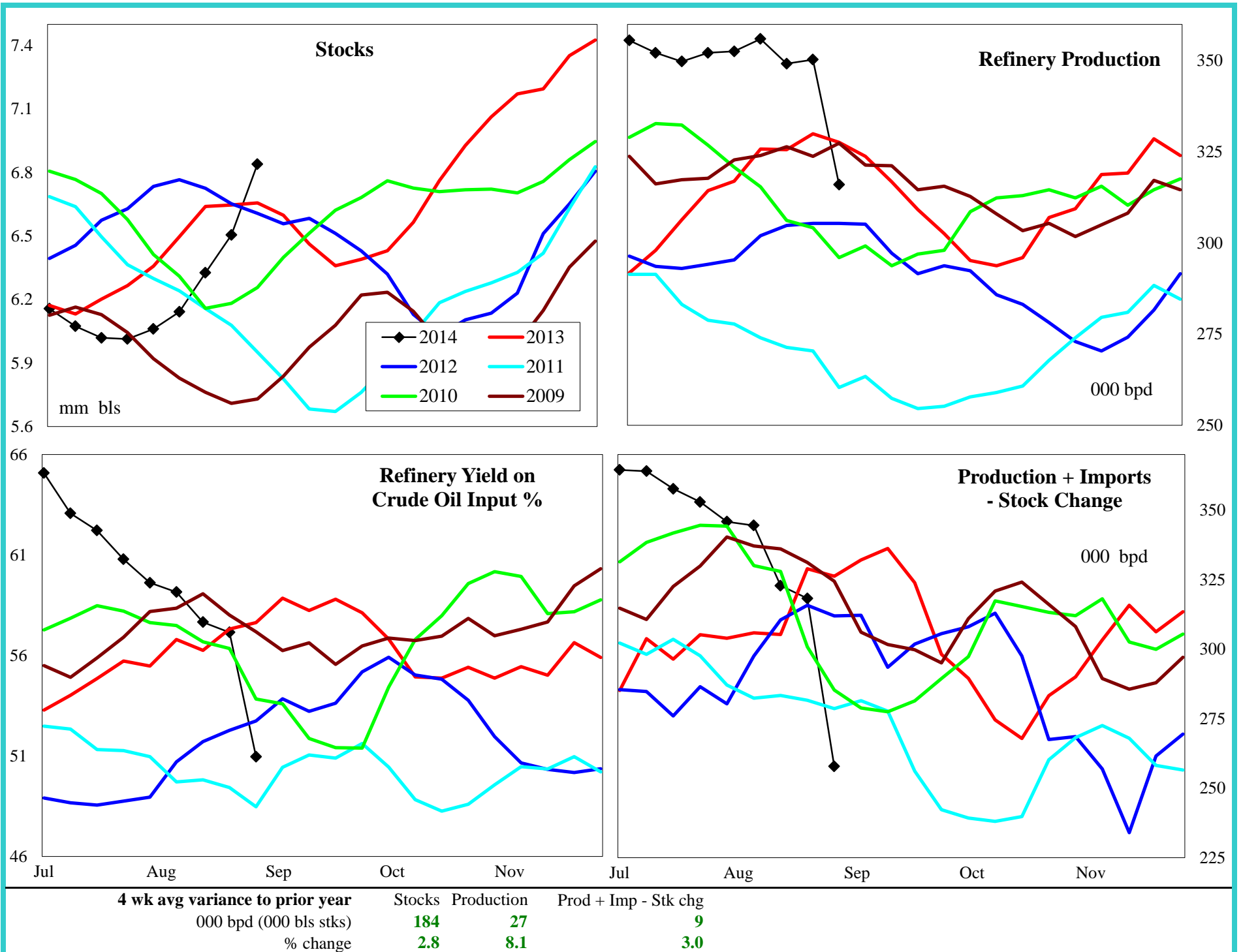
PADD 3 Residual Fuel Oil Supply



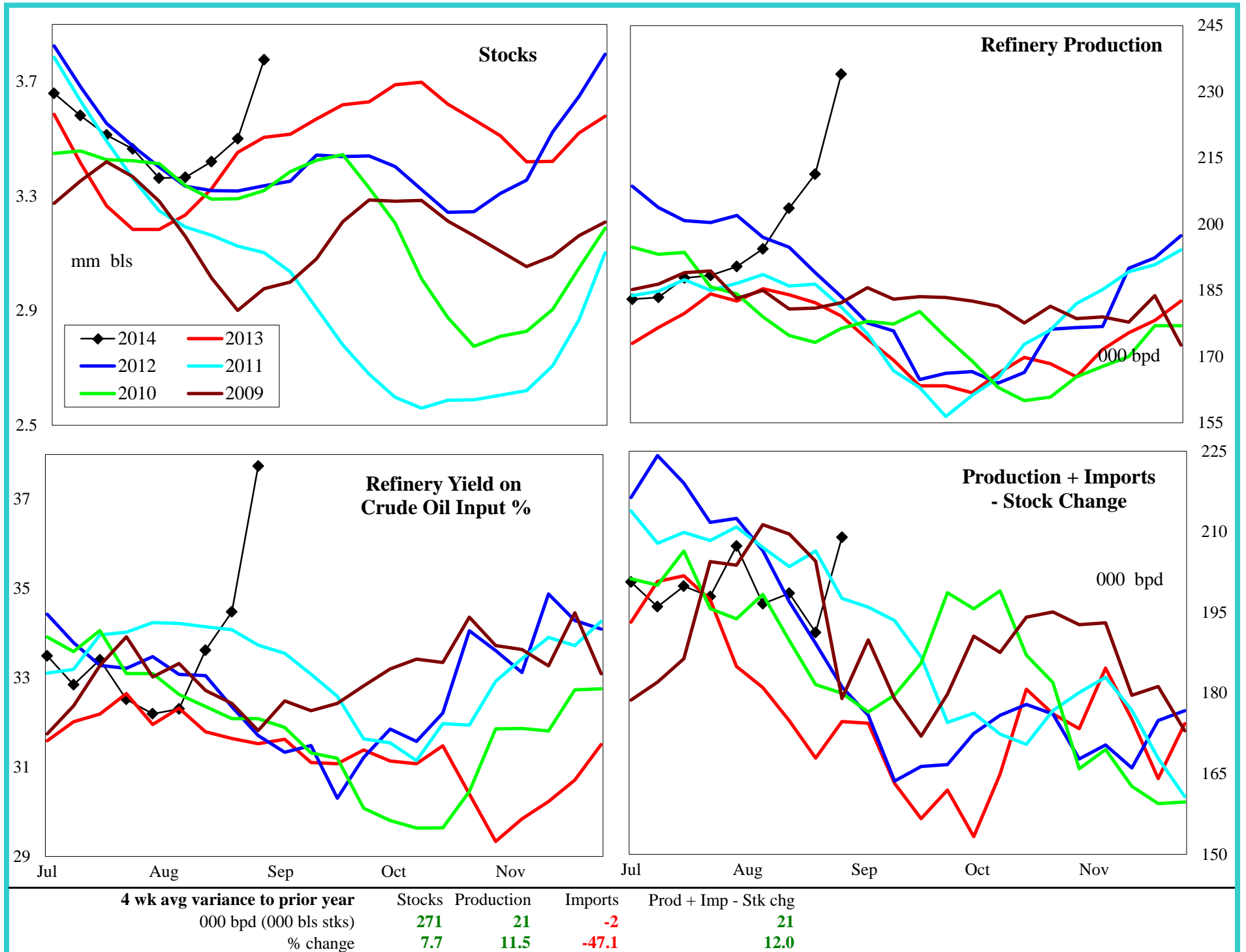
PADD 4 Crude Oil Supply and Refining



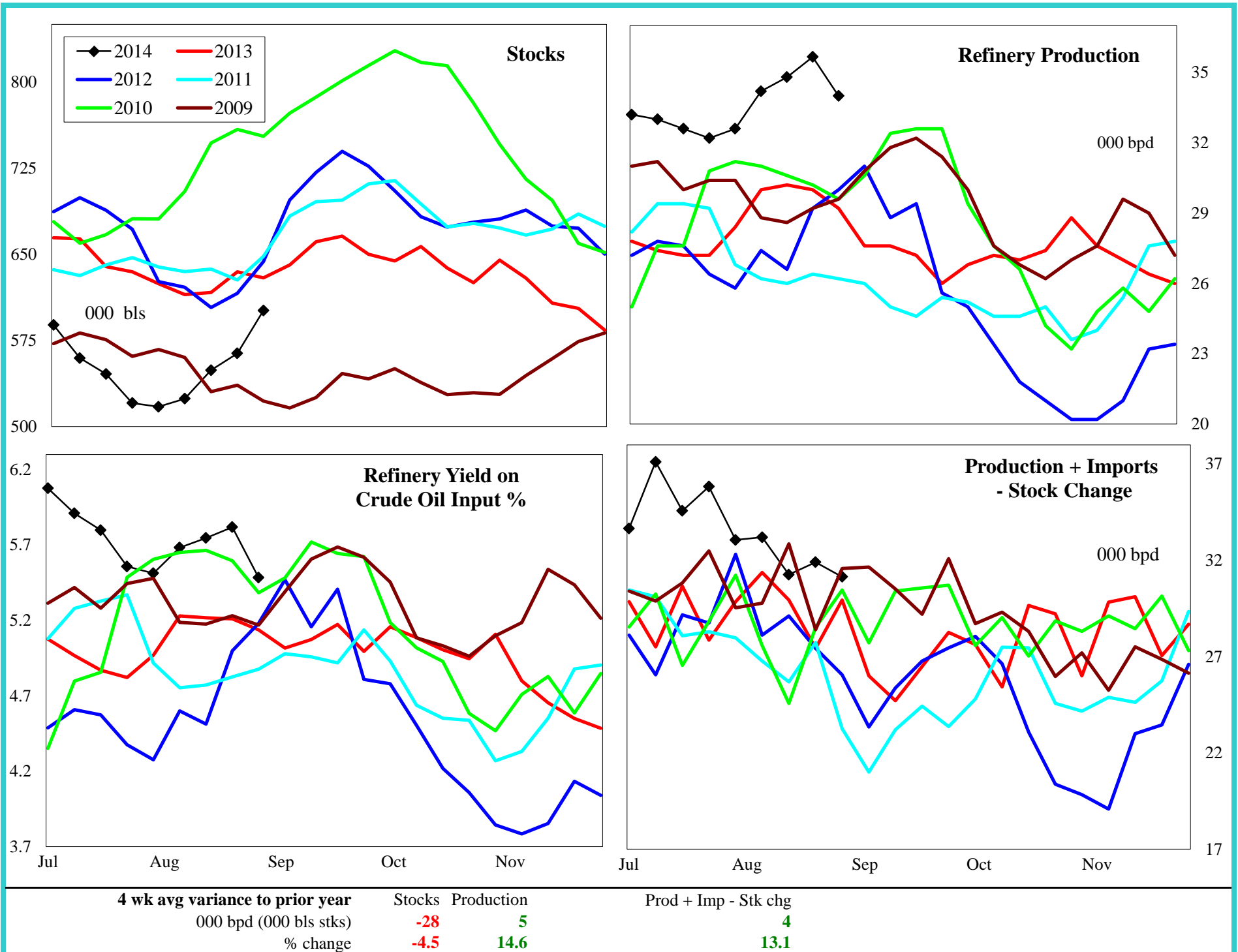
PADD 4 Gasoline Supply



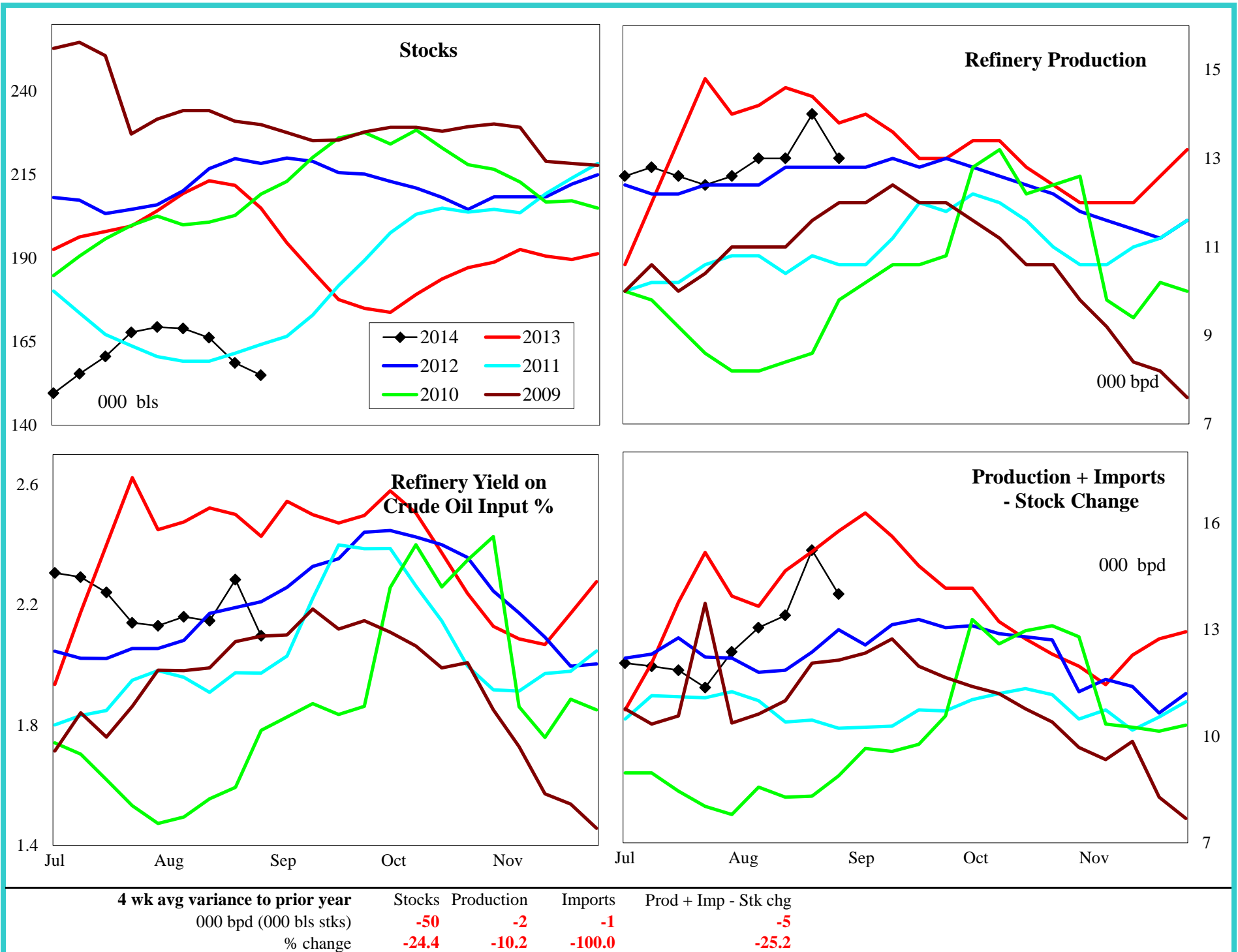
PADD 4 Distillate Supply



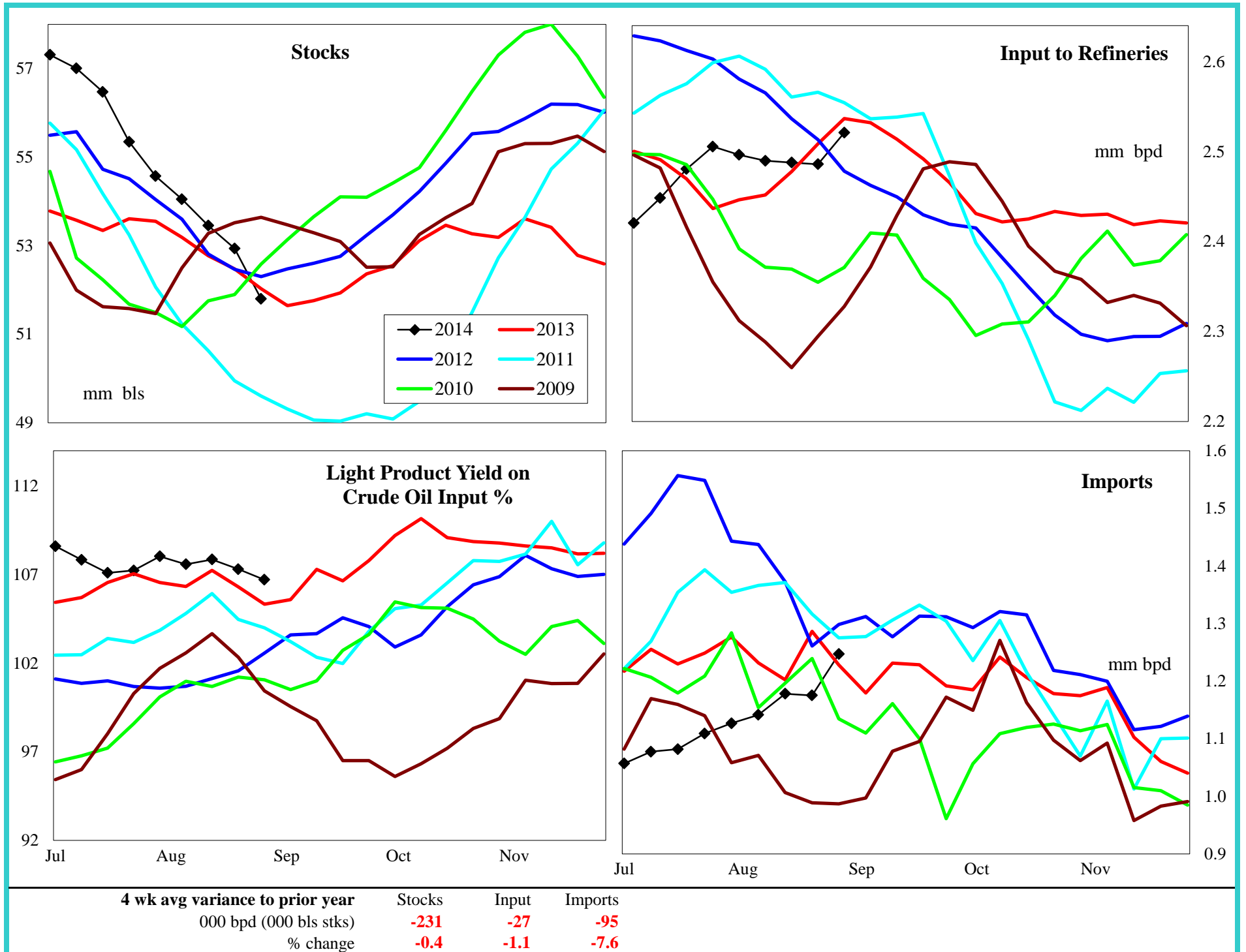
PADD 4 Jet Fuel Supply



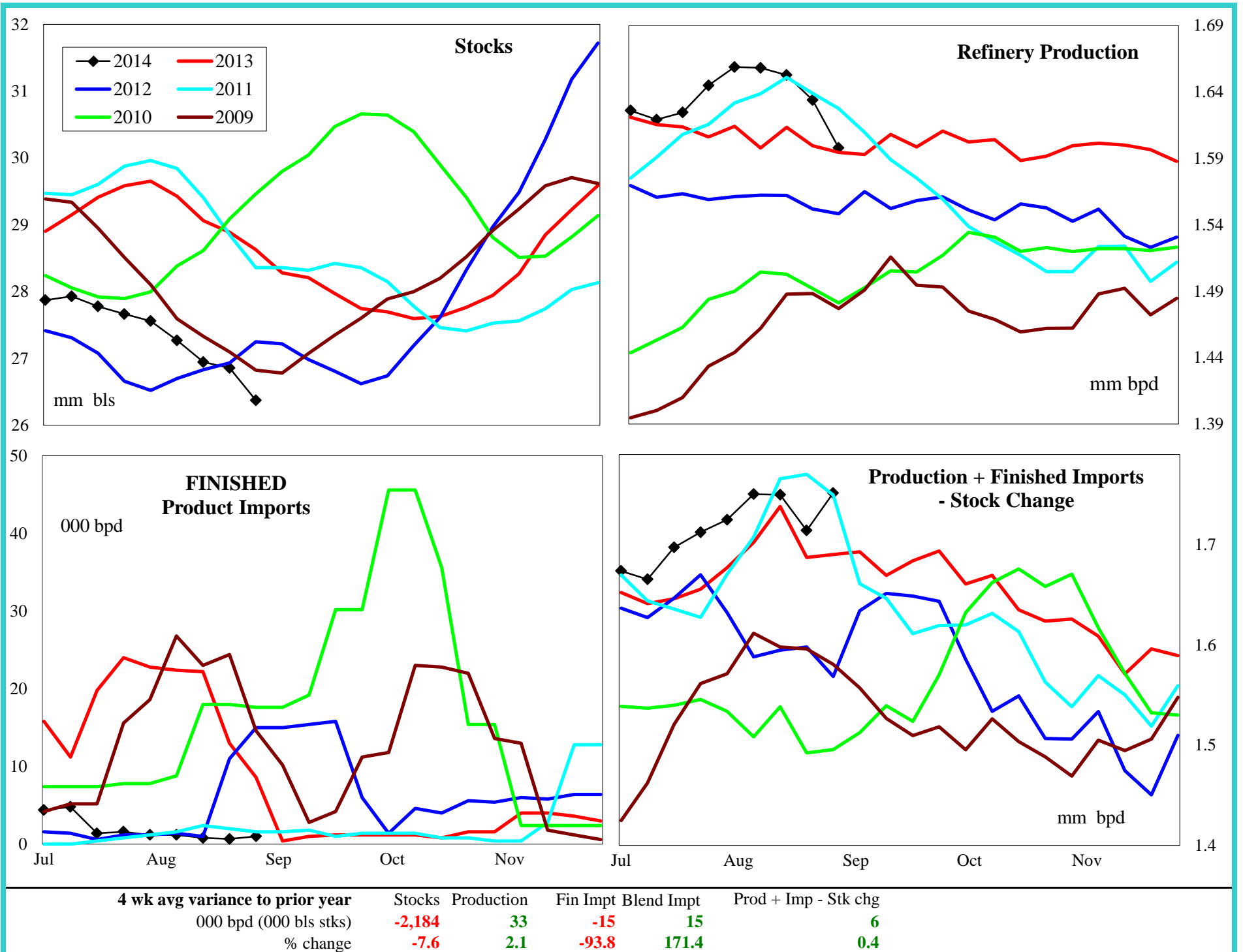
PADD 4 Residual Fuel Oil Supply



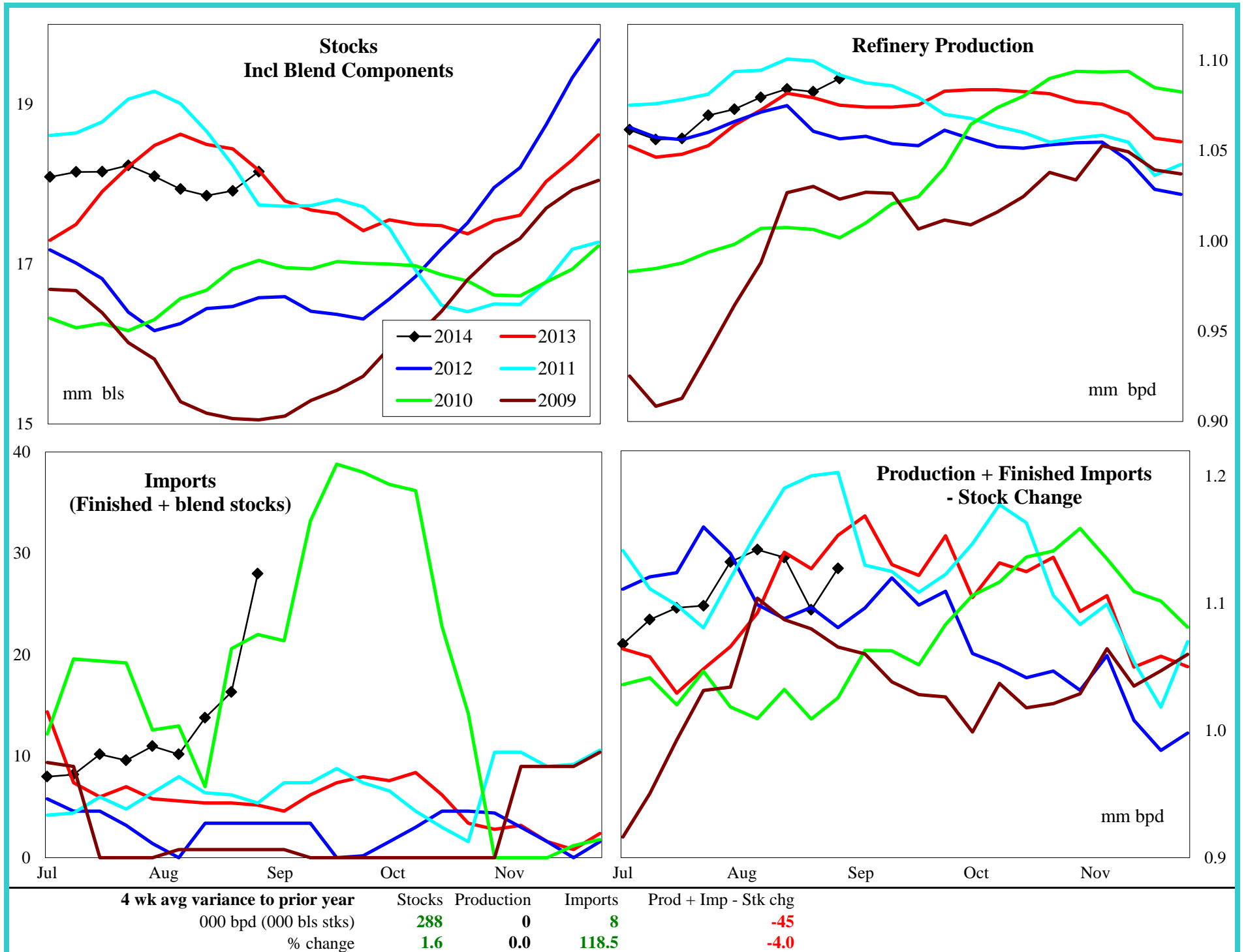
PADD 5 Crude Oil Supply and Refining



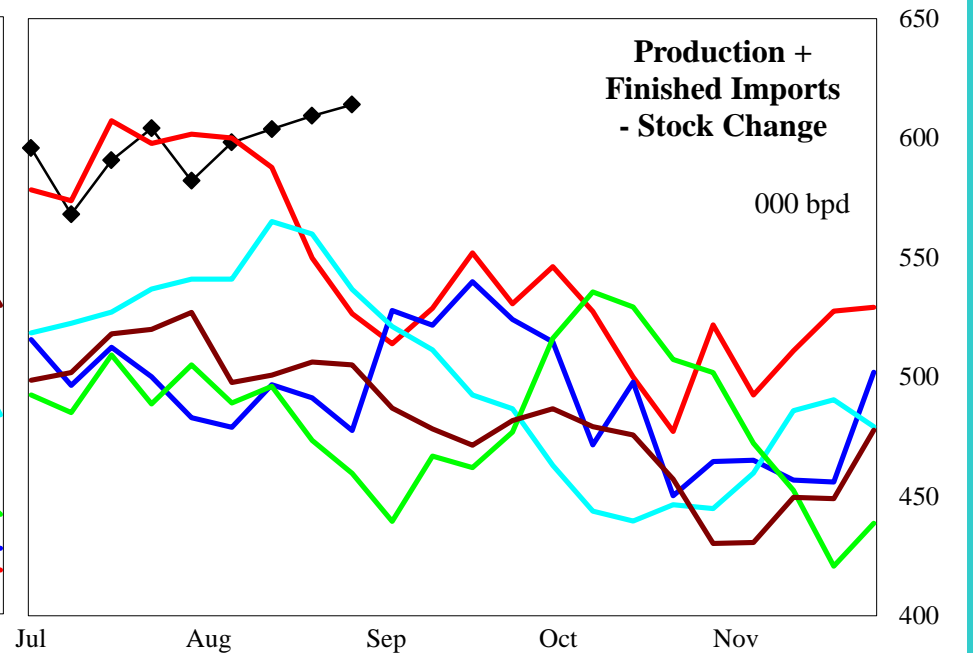
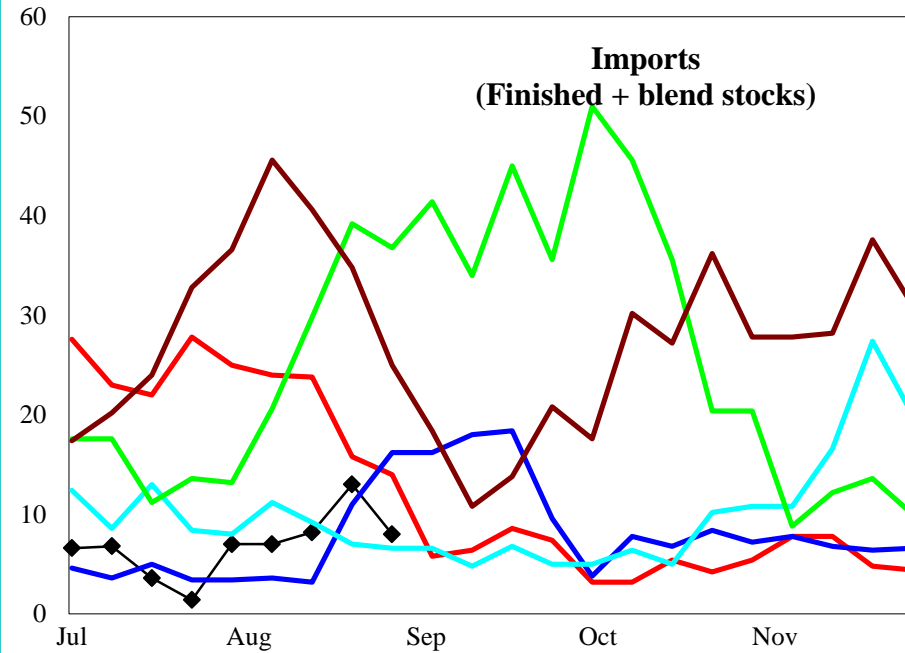
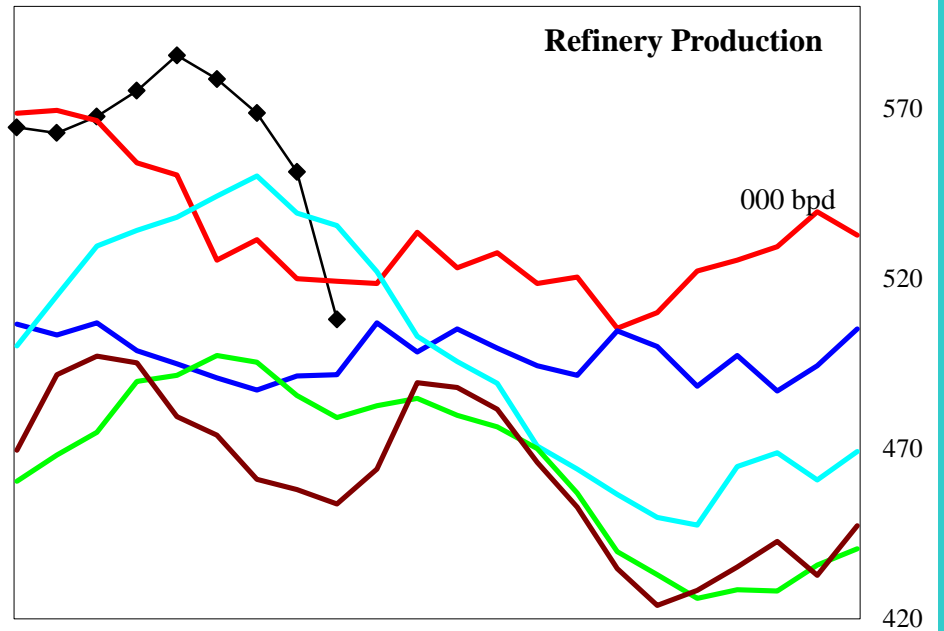
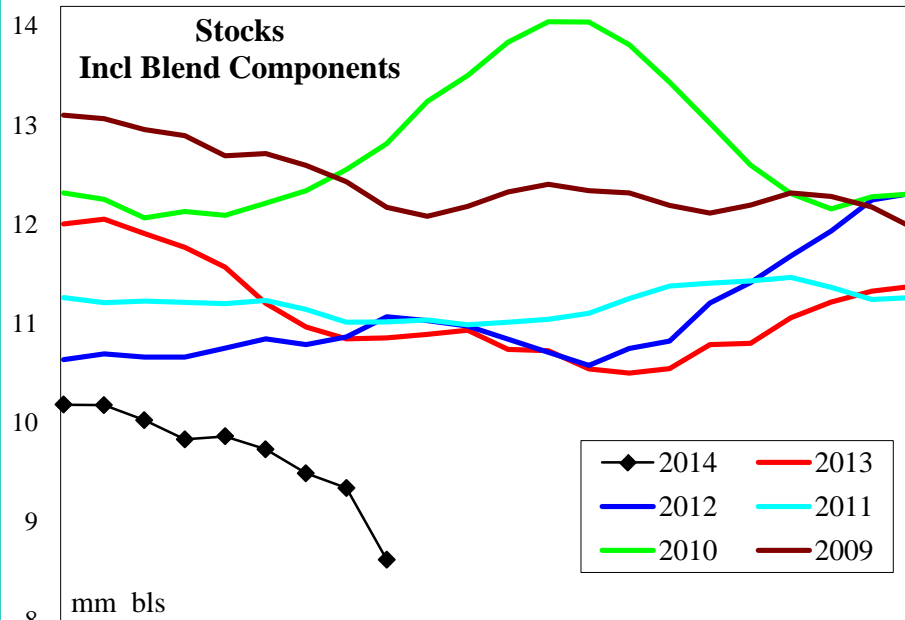
PADD 5 Gasoline Supply



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

-2,472

34

-8

52

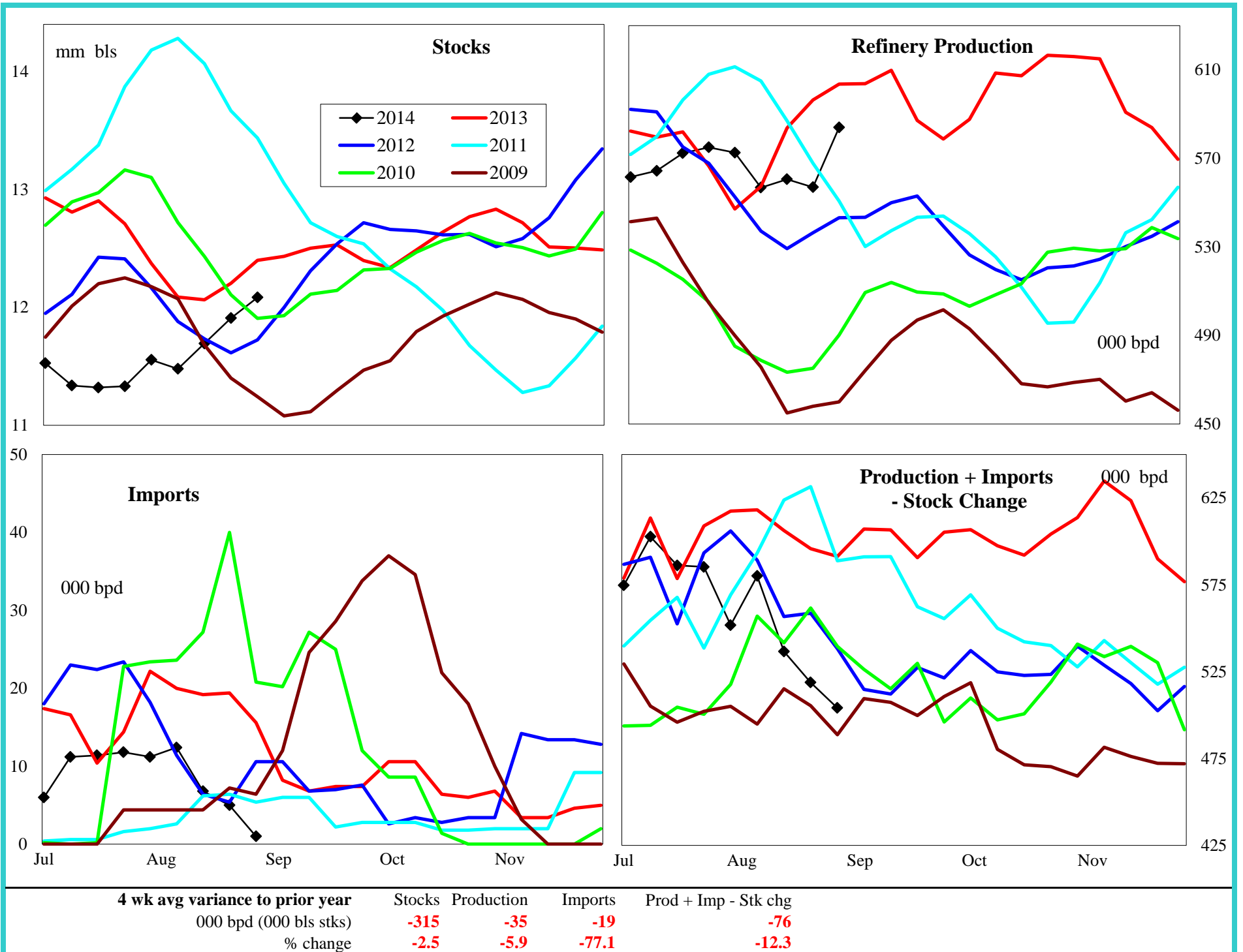
-22.3

6.4

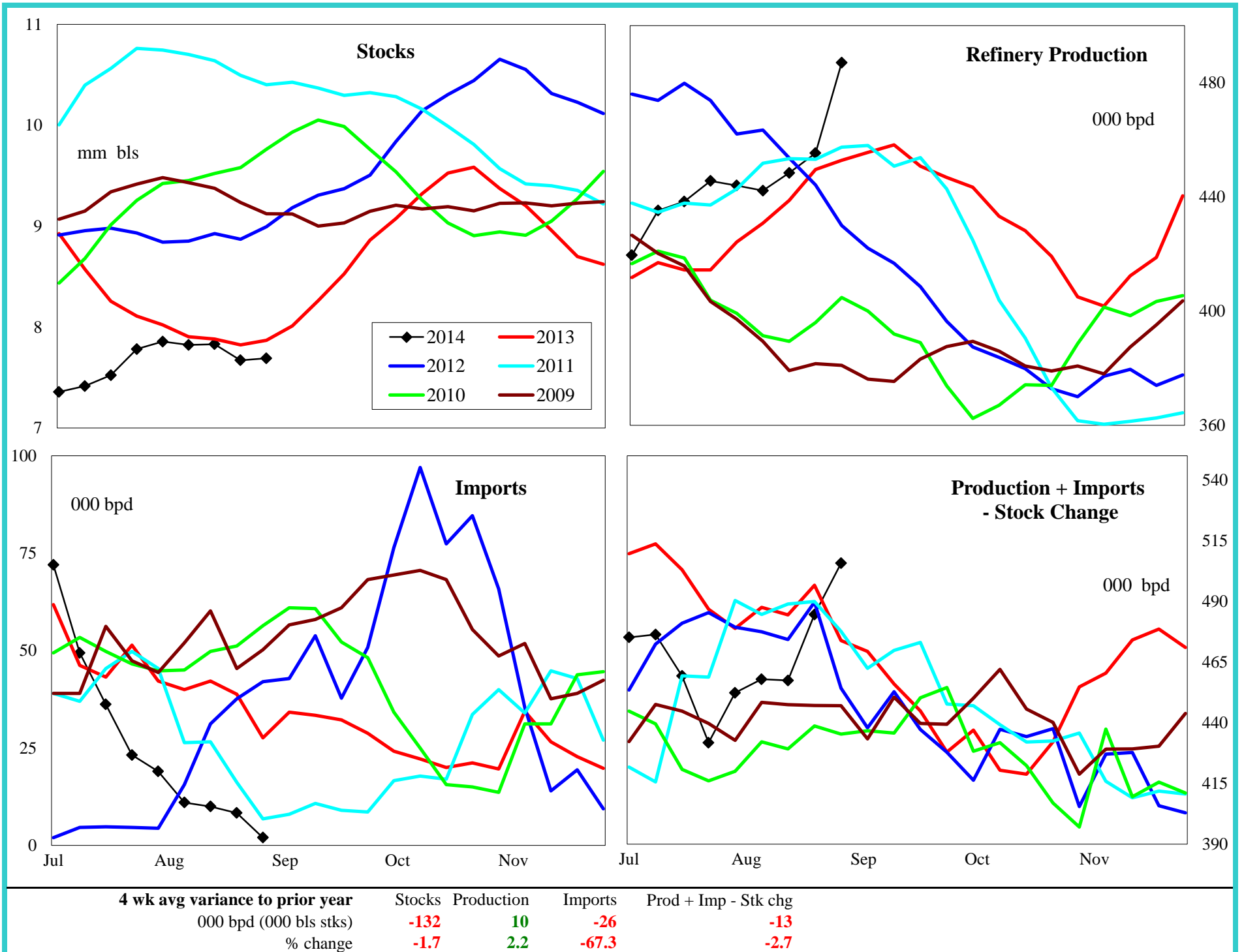
-45.2

9.5

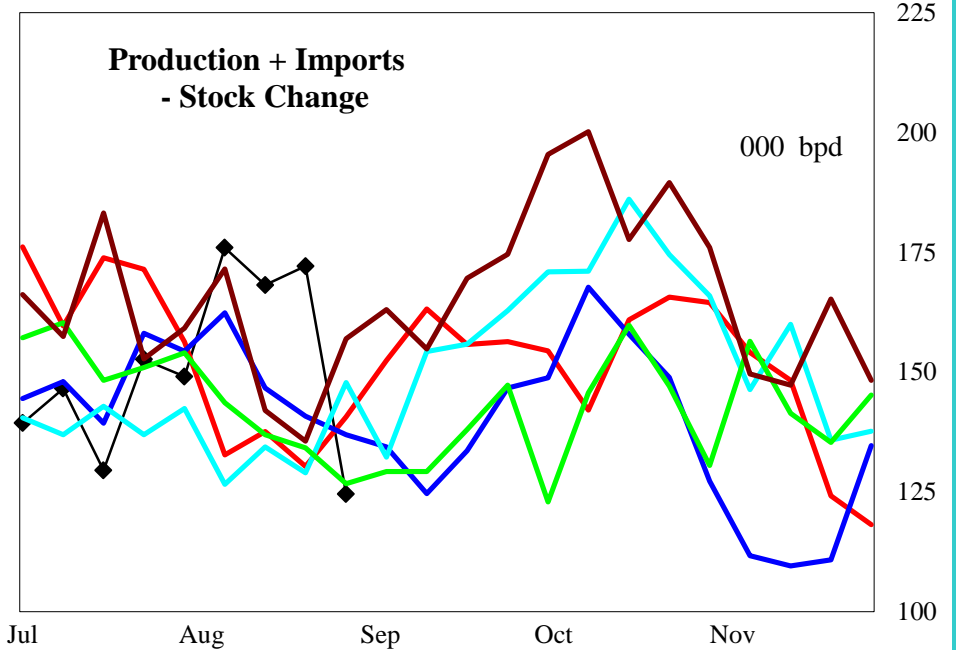
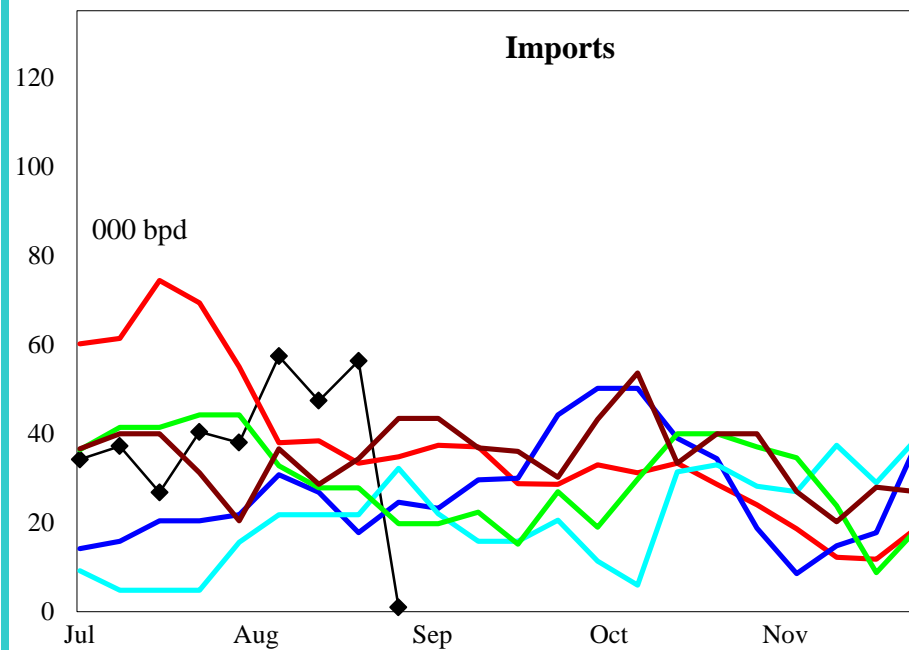
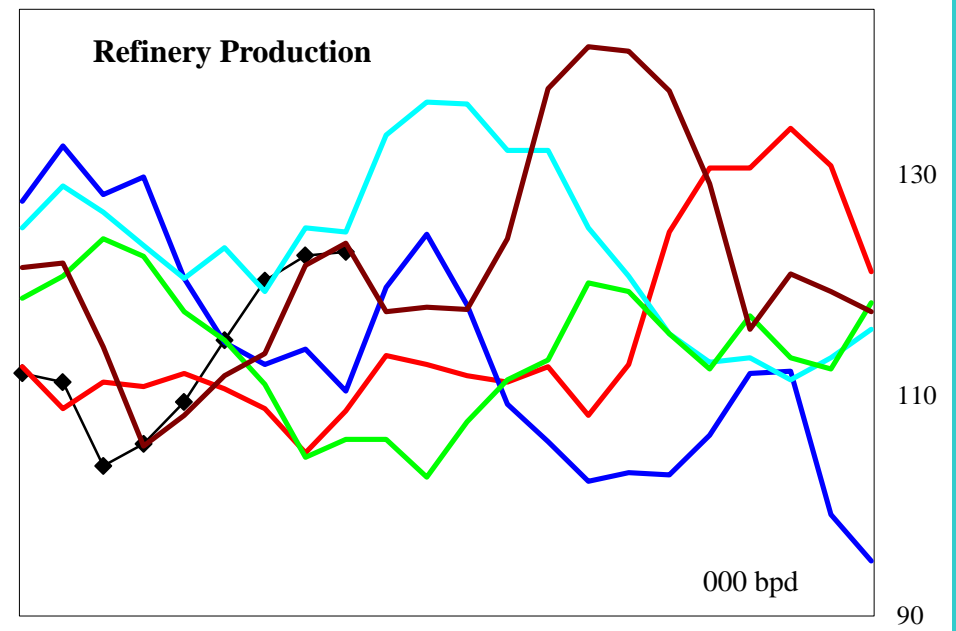
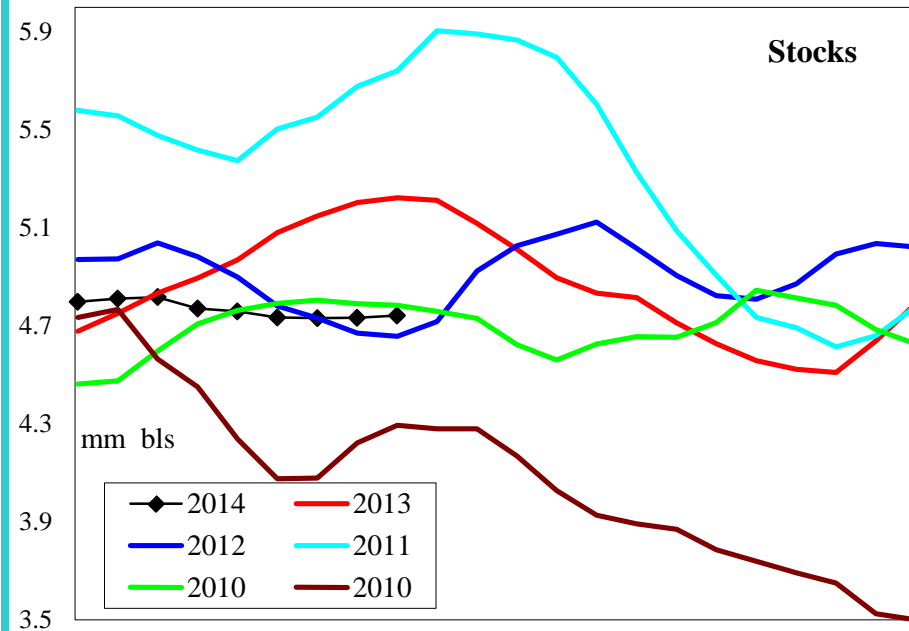
PADD 5 Distillate Supply



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

-480

-9.2

Production

18

17.1

Imports

30

100.8

Prod + Imp - Stk chg

71

61.2