



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

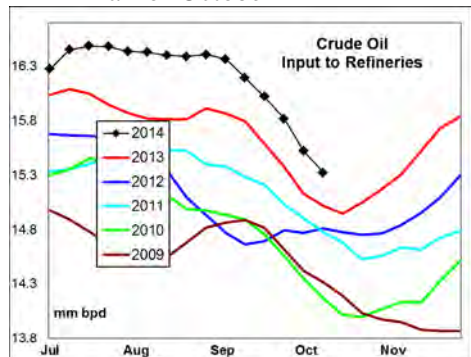
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Thursday, October 16, 2014

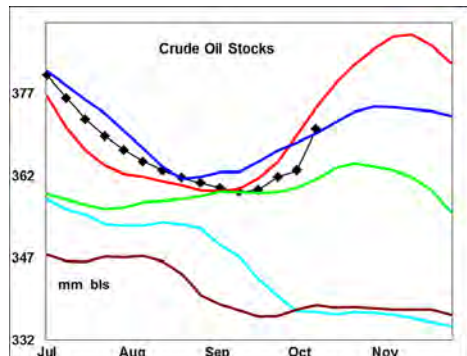


Major Fundamental Trends¹

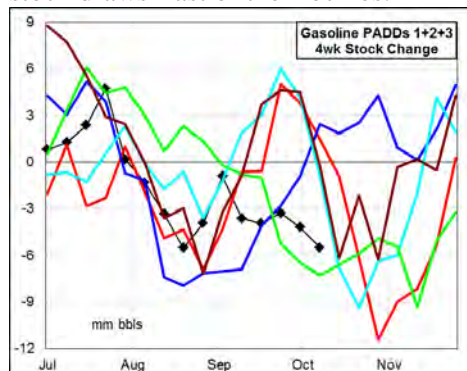
Refiners continue to ramp up fall maintenance, with runs down -1.2 million bpd from early September. Look for maintenance to peak during the 2nd half of October



The seasonal fall maintenance season underlies the +12 million barrel crude oil stock build of the last 2-wks.

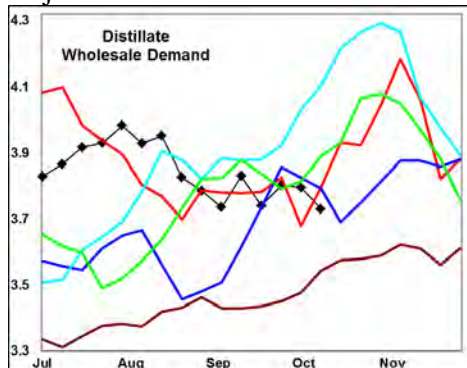


A rebound in wholesale gasoline demand and earlier maintenance of FCCU's in the Gulf and Midwest regions has led to a near record rate of stock draws East of the Rockies.

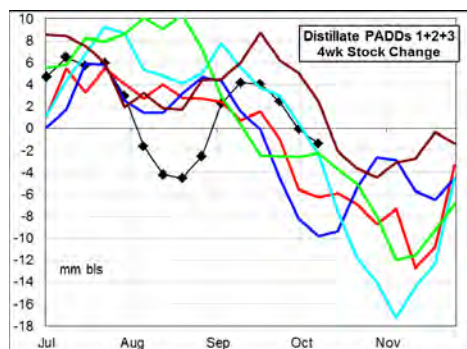


With fall refinery maintenance under way and large stock draws, look for a

tightening of gasoline supplies in major markets.



An expected seasonal uptrend in wholesale distillate demand, combined with fall refinery maintenance should driven continued stock draws during the next 45-days. Slower exports may extend the current trend of below average draws.



Wholesale Demand for gasoline jumped +0.4 million bpd on the week.

Wholesale demand, measured over the last four weeks compared to a year ago: gasoline decreased -0.5%, distillate increased +0.7%, jet fuel increased +4.4% while residual fuel increased +55%.

Stocks forward coverage: Gasoline demand coverage fell on a -4 million barrel stock draw. Coverage ended the week at a level near 5-yr lows.

Distillate coverage also fell on a -1.5 million barrel stock draw, driven by higher demand. Coverage ended the week at a level comparable with the last 2-yrs.

Jet fuel coverage fell below last year on a small stock draw and higher demand.

Residual fuel oil coverage fell on a -0.9 million barrel stock draw and

higher wholesale demand.

Refinery utilization rates decreased on a -233,000 bpd drop in crude oil runs last week. During the latest 4-wk period crude oil input was +500,000 bpd above a year ago.

Gasoline yield % on crude oil runs surged last week on a +380,000 bpd increase in output compared to the -233,000 bpd decrease in crude oil runs. Yield % on crude oil runs nearly matched the last 2-yrs.

Distillate yield % on crude oil runs declined last week, on a -166,000 bpd drop in output compared to the smaller decrease in crude oil runs. The yield % on crude oil runs ended the week below the last 3-yrs.

Jet fuel yield % on crude oil runs was little changed last week on a -45,000 bpd decrease in output compared the lower crude oil runs. The yield % remains near historic highs for the week.

Petroleum Imports/Exports: Imports of middle distillates increased +133,000 bpd last week, while crude oil and gasoline were nearly unchanged.

During the latest 4-wk period crude oil imports were -0.7 million bpd below last year; distillate imports were -3,000 bpd lower; finished gasoline imports were +21,000 bpd higher; gasoline blend stock imports were -101,000 bpd lower; while jet fuel imports increased +2,000 bpd.

Exports of distillate for the week ending 26Sep14 were -126,000 bpd below a year ago, gasoline +79,000 bpd, jet fuel +23,000 bpd and residual fuel oil was unchanged.

Crude Oil stocks increased +8.9 million barrels, due to refinery capacity offline for fall maintenance. Builds were significant in all regions except the west coast. Stocks saw a +0.7 million barrel build in Cushing.

¹ Source is latest EIA Weekly Statistics



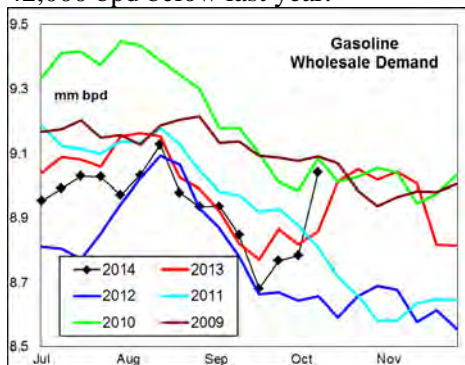
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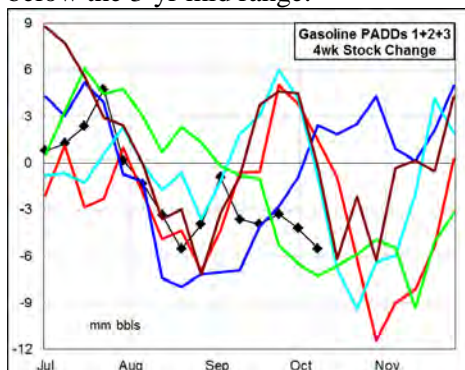
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Product Supply-Demand Trends

Gasoline wholesale demand jumped +0.4 million bpd on the week, to a level above the historic range. The latest 4-wk average demand was -42,000 bpd below last year.



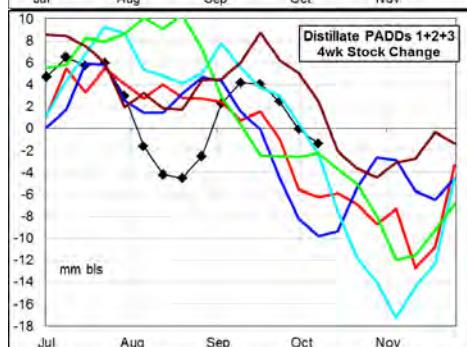
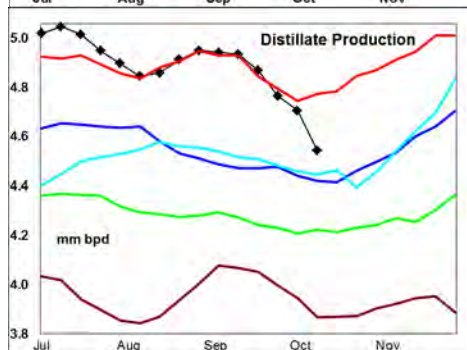
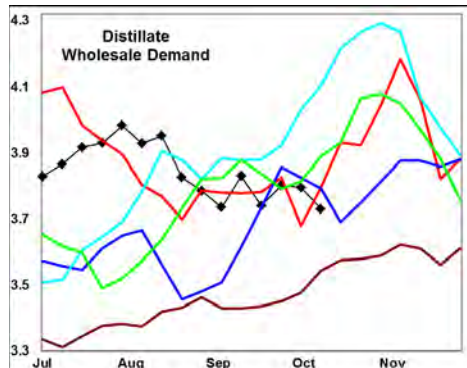
Supply increased +0.4 million bpd last week on higher production. Supply for the latest 4-wk period was -38,000 bpd below a year ago. Stocks fell -4 million barrels on the week, to a level below the 3-yr mid range.



Lack of an early fall seasonal stock build has pushed stock levels below two of the last 3-yrs with a near record rate of draw during the last month. With fall refinery maintenance under way, look for a tightening of supplies.

Distillate wholesale demand climbed +0.2 million bpd last week to a level comparable to the last 2-yrs. The latest 4-wk average demand was +27,000 bpd above last year.

Supply declined -68,000 bpd on lower production as refiners continued fall maintenance. Production fell below last year, while stock levels are nearly unchanged from a year ago.

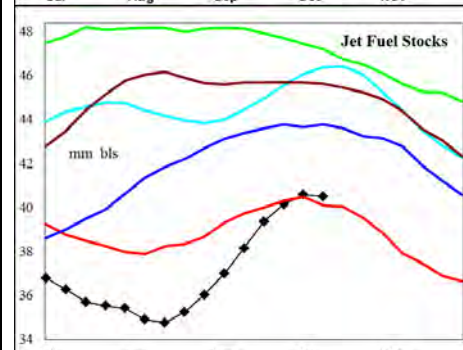
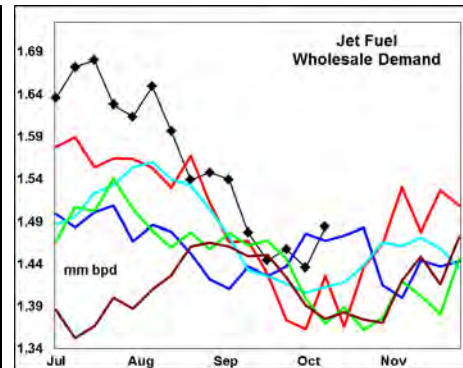


The latest 4-wk stock change in markets East of the Rockies was a -1.3 million barrel draw, compared to an average -8 million barrel draw the last 2-yrs.

Look for a seasonal uptrend in wholesale demand to be partially offset by weak exports, leading to a below average rate of stock draws during the fall refinery maintenance season.

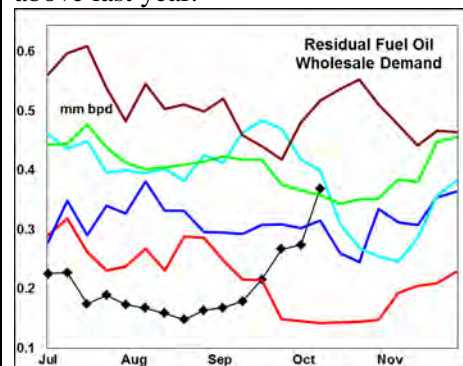
Jet Fuel wholesale demand increased +42,000 bpd last week, to a level above the last 3-yrs. Production for the most recent 4-wk period increased +112,000 bpd compared to last year. Imports were comparable to last year.

Stocks decreased -0.2 million barrels to a level that matched last years' record low for the period.



Record production & imports, combined with a seasonal drop in demand has lifted stock levels to the low end of the historic range.

Residual fuel oil demand increased +84,000 bpd on the week. Demand for the latest 4-wk period was +95,000 bpd above last year.



Supply (production + imports) increased +140,000 bpd for the most recent 4-wk period. Stocks fell -0.9 million barrels on the week to match highs of the last 3-yrs.

Production and imports are comparable with last years' record lows for the last month. A jump in wholesale demand has driven a seasonal decline in stocks.



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

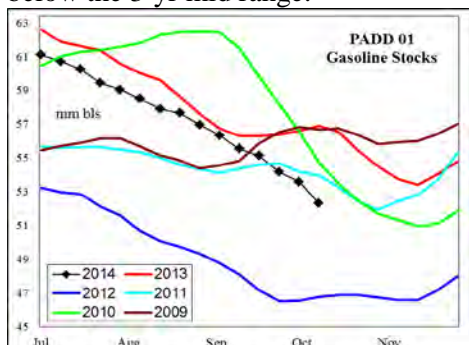
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PADD Supply Trends

PADD 1 refinery crude oil runs decreased -23,000 bpd on the week, to a level near 3-yr highs for the period.

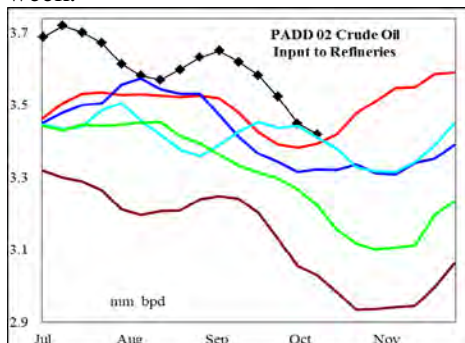
Gasoline supply climbed +165,000 bpd on the week, due to higher production. Stocks decreased -2.6 million barrels last week, to a level below the 3-yr mid range.



Distillate supply increased +83,000 bpd last week, with the 4-wk average -40,000 bpd below last year. Stocks increased +0.6 million barrels, to a level +10% above the last 2-yrs.

Jet fuel supply increased +54,000 bpd above last year for the most recent 4-wk period, driven by Delta Airlines maximizing output from their refinery.

PADD 2 crude oil refinery runs declined -46,000 bpd on the week, with the latest 4-wk average +123,000 bpd above last year. Crude oil stocks jumped +2.1 million barrels although the level remains -8 million barrels below the 2-yr average. Cushing saw a +0.7 million barrel stock build on the week.



Gasoline supply increased +66,000 bpd on the week. Production for the most recent 4-wk period was +0.5 million bpd above a year ago – driven by the EIA recording sub octane product shipped into the Midwest as finished

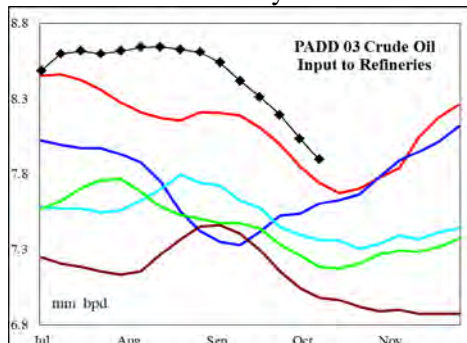
product production when blended with ethanol. Stocks decreased -0.4 million barrels on the week, with the level -2.5 million barrels below the 3-yr mid range.

Distillate supply decreased -22,000 bpd on the week, with the 4-wk average +32,000 bpd above a year ago. Stock levels ended the week above the 3-yr range for the period.

Jet fuel production ended the week at a level below the last 3-yrs. Stock levels were +25% above last year.

PADD 3 refinery runs decreased -175,000 bpd last week, with the level above the historic range. During the latest 4-wk period, average runs were +237,000 bpd above last year.

Crude oil stocks increased +5.3 million barrels, to a level that matched 5-yr highs for the period. Imports were -19% below last year.



Gasoline supply increased +48,000 bpd last week, with the latest 4-wk average -118,000 bpd below a year ago. Stocks decreased -0.6 million barrels on the week, to a level below the 3-yr mid range.

Distillate supply fell -94,000 bpd on the week, with the latest 4-wk average supply -2,000 bpd below a year ago. Stocks fell -1.1 million barrels on the week, to a level that matched historic lows.

Jet fuel production decreased -15,000 bpd last week, to a level near the 3-yr mid range. Stocks fell -1.7 million barrels on the week to a level -11% below prior record lows.

Residual fuel supply decreased -62,000 bpd on the week, with stocks also lower by -0.5 million barrels. Supplies ended the week below the

historic range.

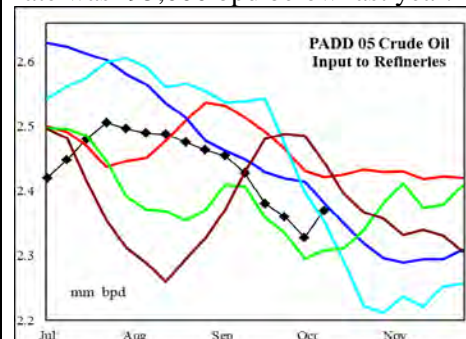
PADD 4 refinery crude runs fell -73,000 bpd last week to a level that matched the 3-yr mid range, although the latest 4-wk average was +77,000 bpd (+15%) above a year ago for the latest 4-wk period.

Gasoline production decreased -76,000 bpd, with the latest 4-wk average +37,000 bpd above a year ago. Stocks were +7% above a year ago.

Distillate supply decreased -5,000 bpd last week, with the latest 4-wk supply +44,000 bpd above last year (+27%). Stock levels remain above the historic range.

Jet fuel production remains above the 5-yr range with stock levels near historic highs.

PADD 5 crude oil refinery runs increased +85,000 bpd last week, ending at a level near the 3-yr mid range for the period. The 4-wk run rate was -95,000 bpd below last year.

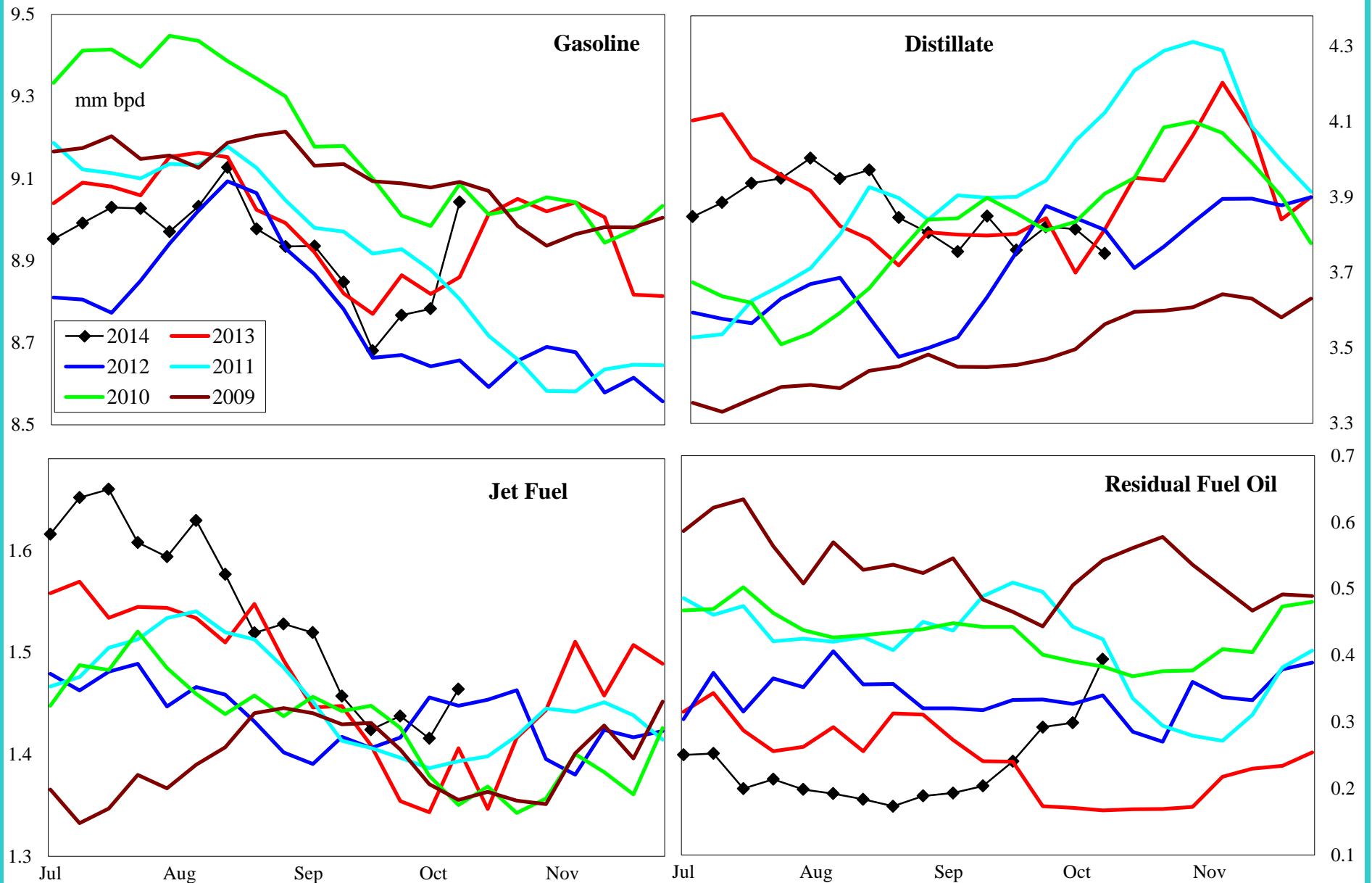


Gasoline supply increased +45,000 bpd on the week, with the 4-wk average -24,000 bpd below a year ago. Stocks increased +0.2 million barrels to a level just above the 3-yr average.

Distillate supply decreased -32,000 bpd on the week, to a level well below last year's record high. The 4-wk average supply was -44,000 bpd below a year ago. Stocks decreased -0.2 million barrels on the week, a level below the 5-yr range.

Jet fuel production was +18,000 bpd above a year ago for the most recent 4-wk period while stocks jumped +1 million barrels on the week to match historic highs.

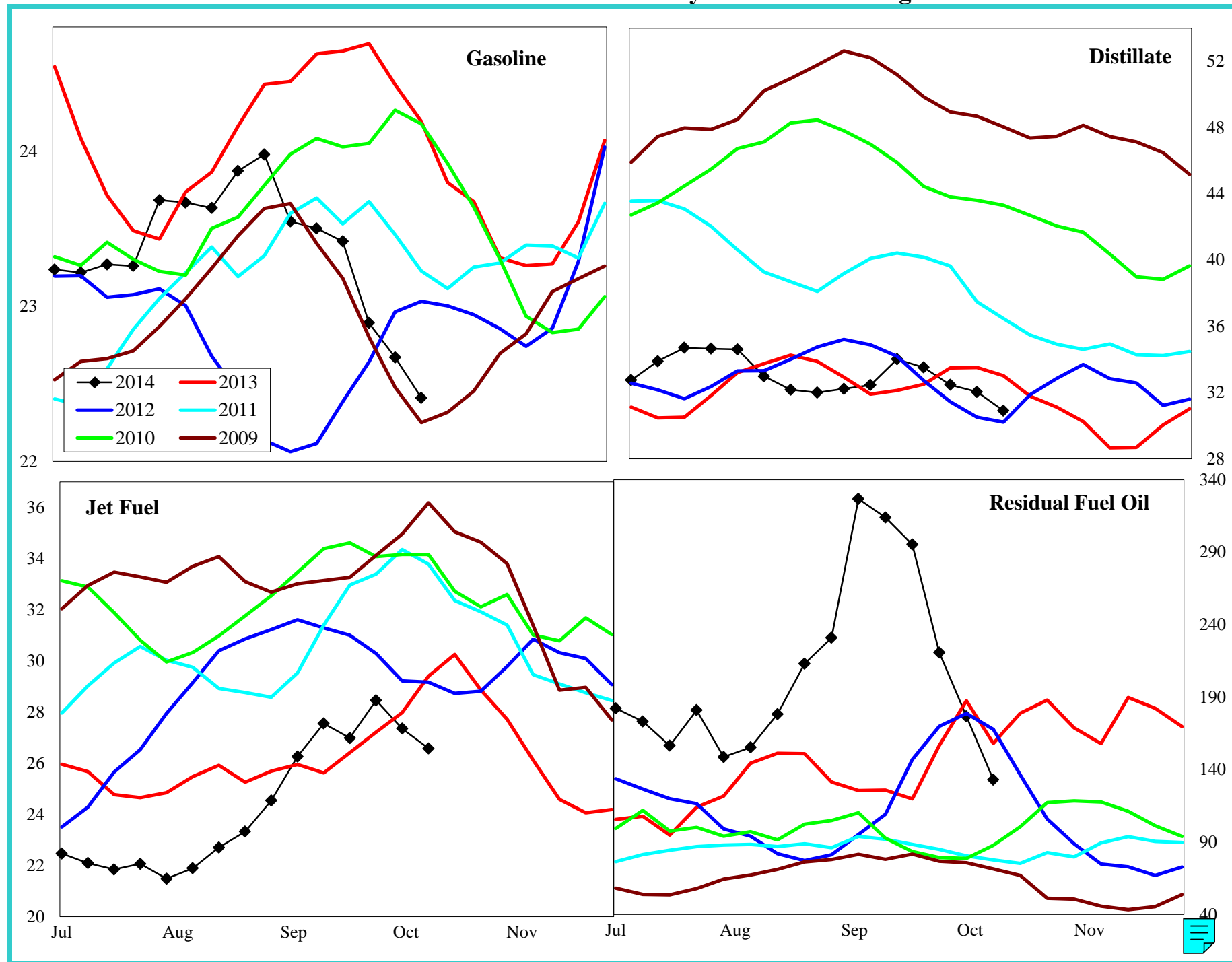
United States Wholesale Petroleum Demand



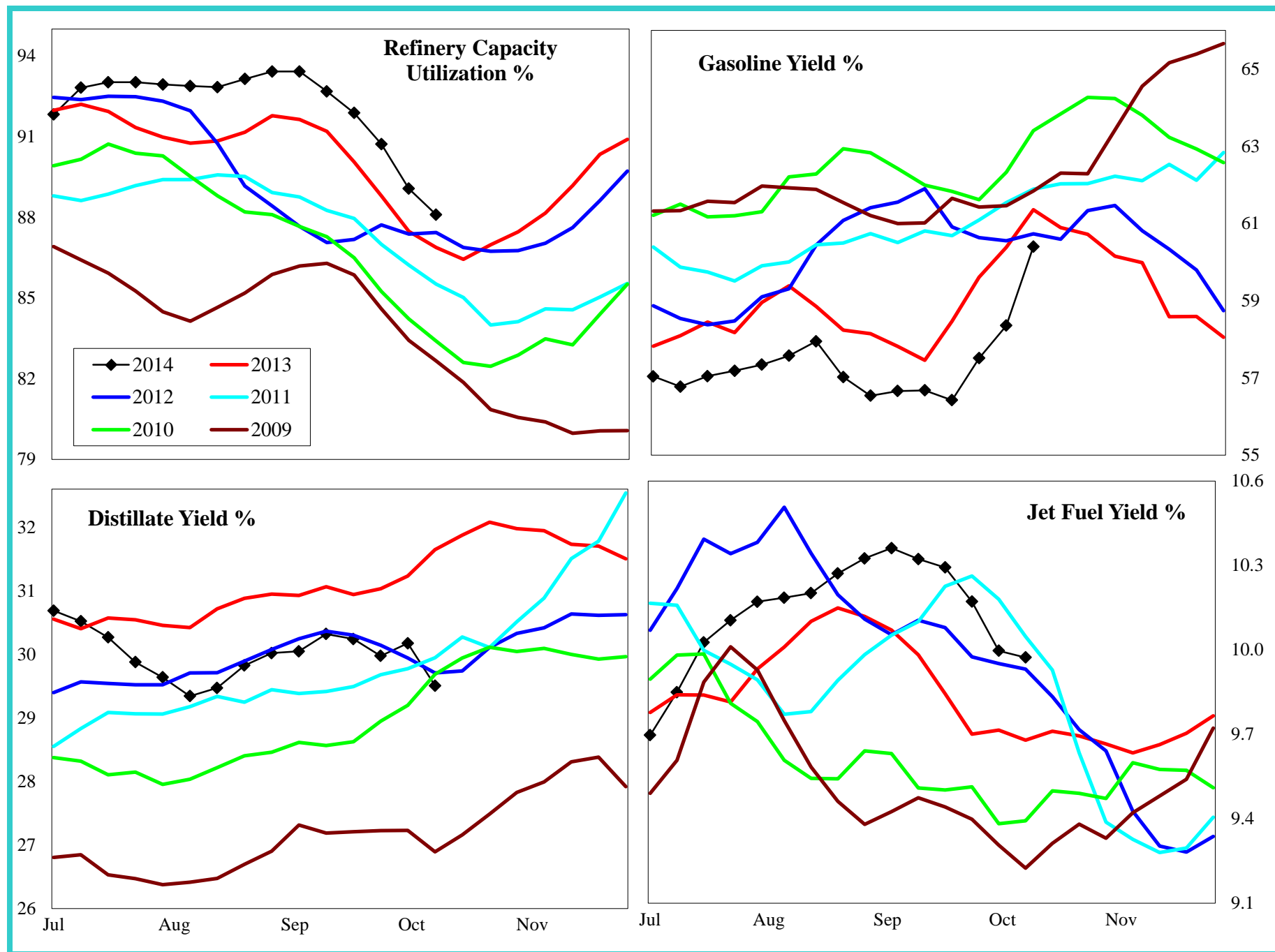
	000 bpd change from prior year				% change from prior year			
	4wk avg	Sep	Aug	Jul	4wk avg	Sep	Aug	Jul
Gasoline	-42	-220	-19	164	-0.5	-2.5	-0.2	1.8
Distillate	27	86	179	292	0.7	2.3	4.8	8.2
Jet Fuel	60	32	45	24	4.4	2.3	3.0	1.6
Resid	95	-82	-221	-123	55.7	-23.5	-54.8	-34.0



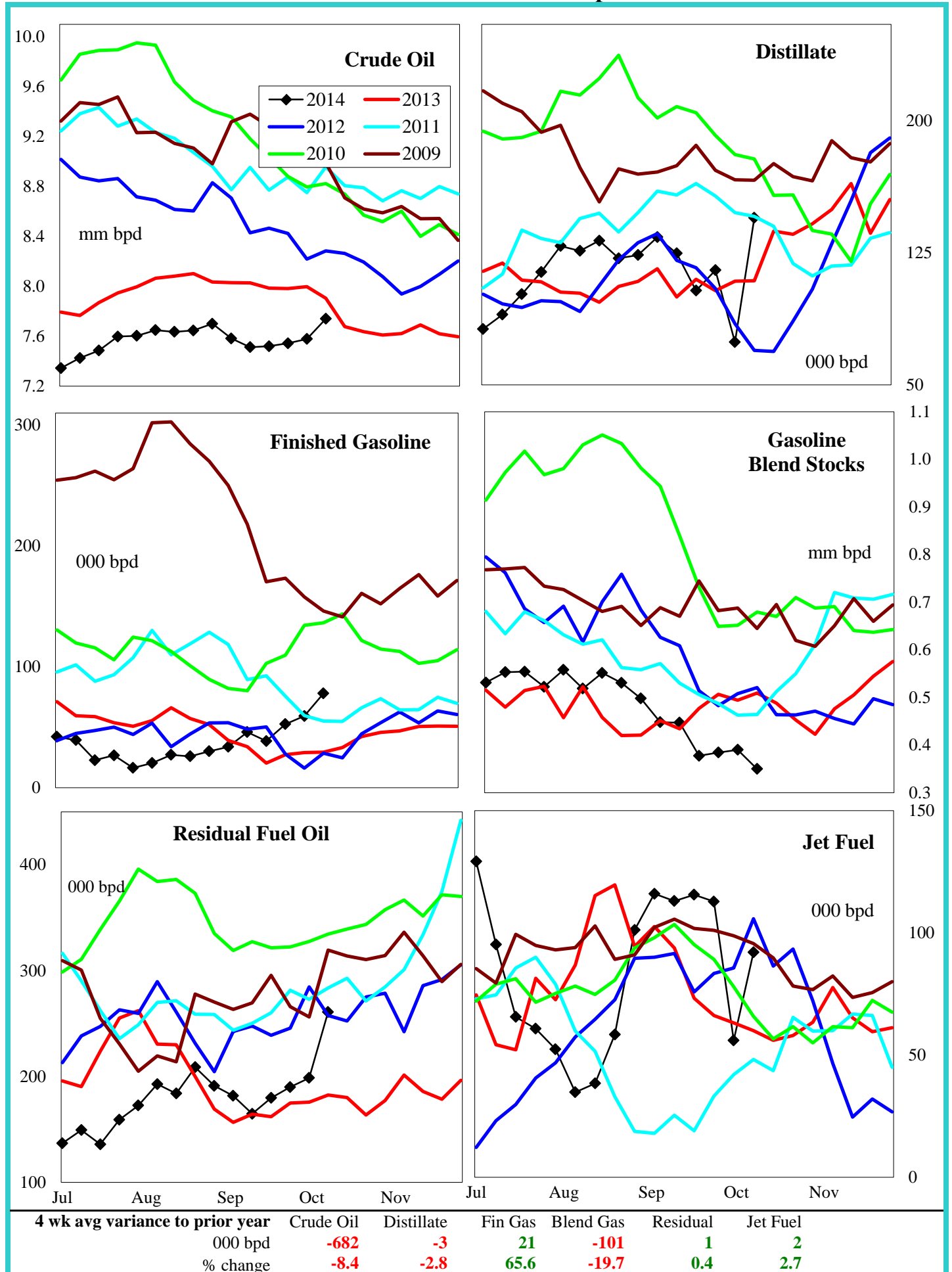
United States Product Stocks: Days Forward Coverage



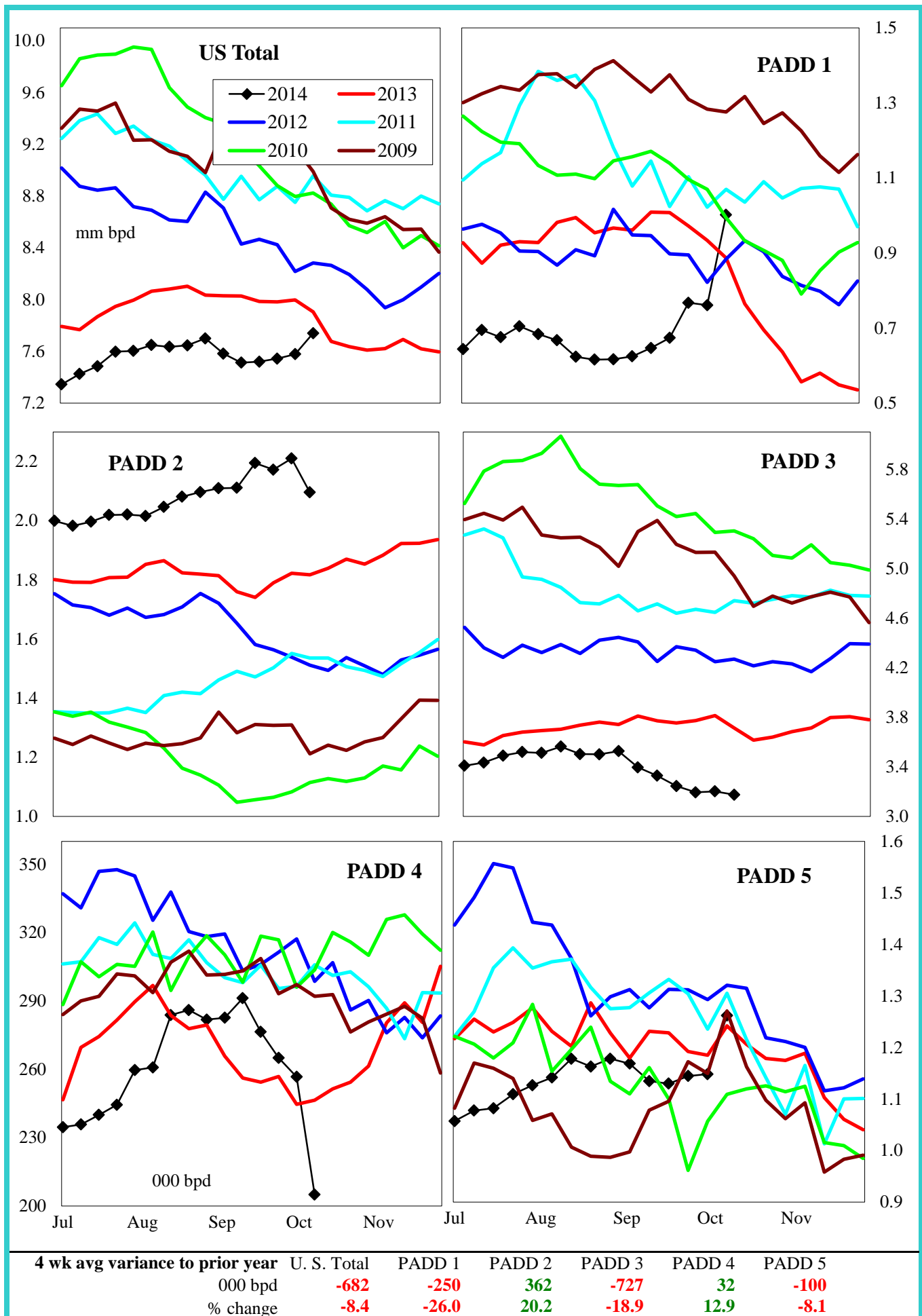
United States Refinery Percent Utilization Rate and Product Yields



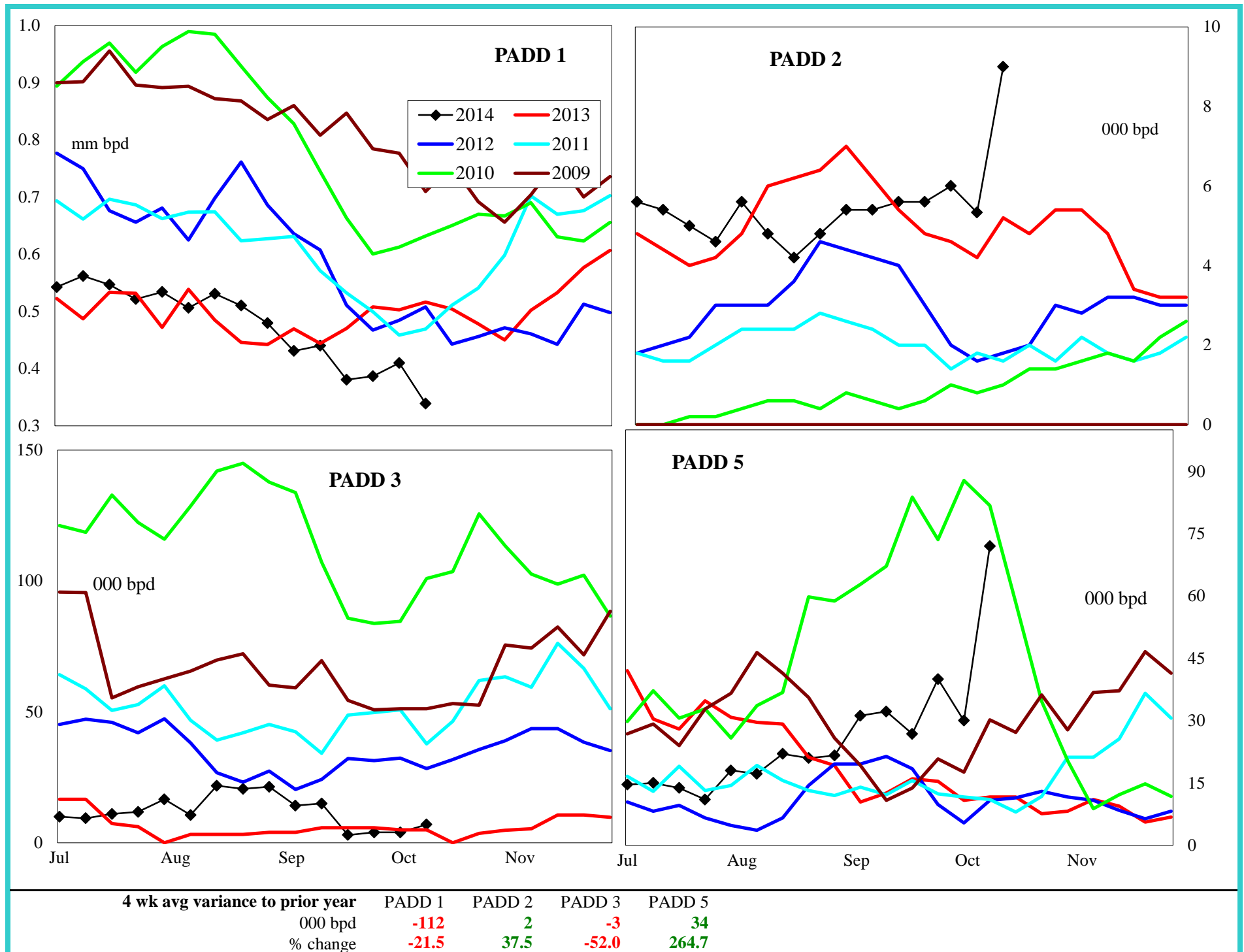
United States Petroleum Imports



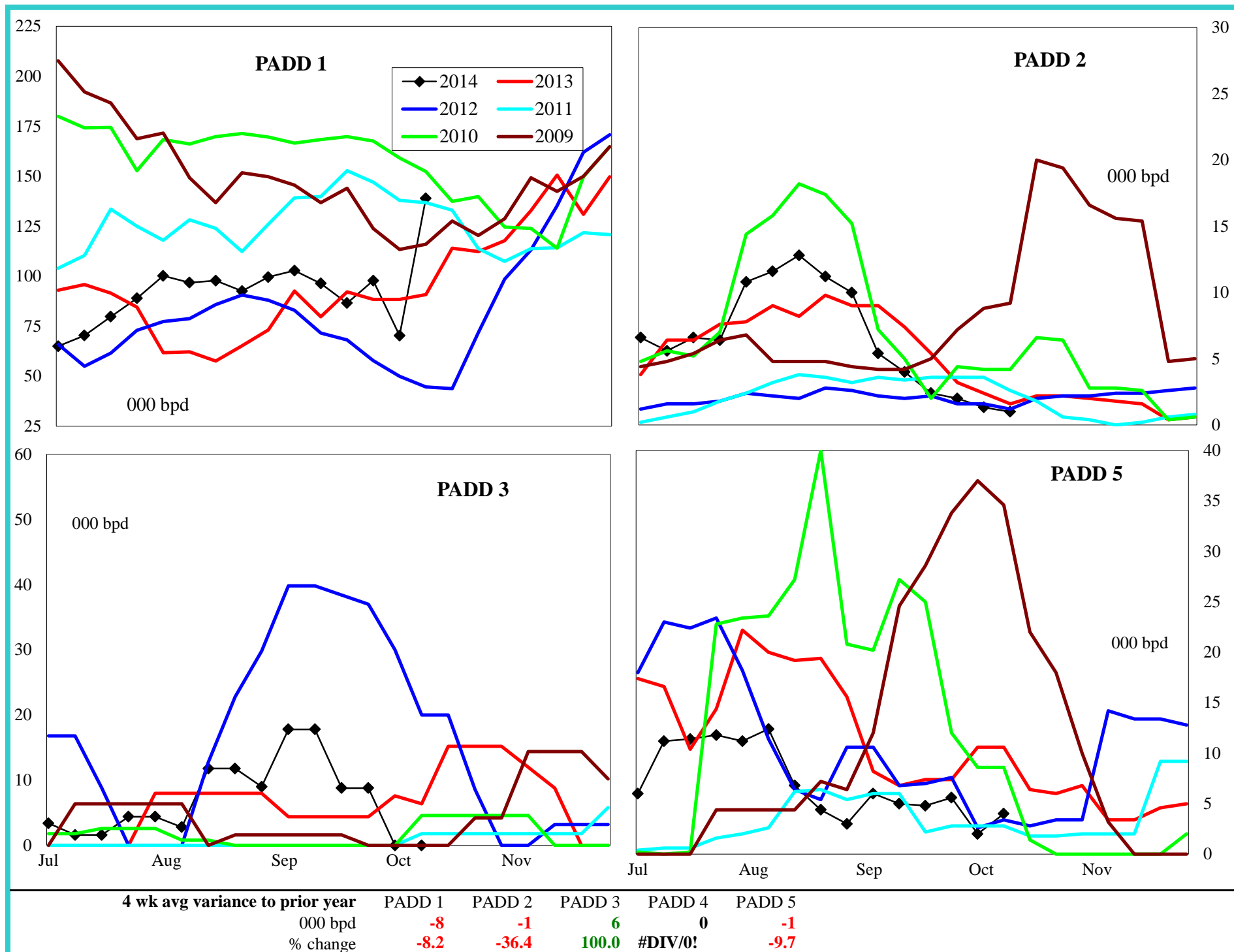
Crude Oil Imports by PADD



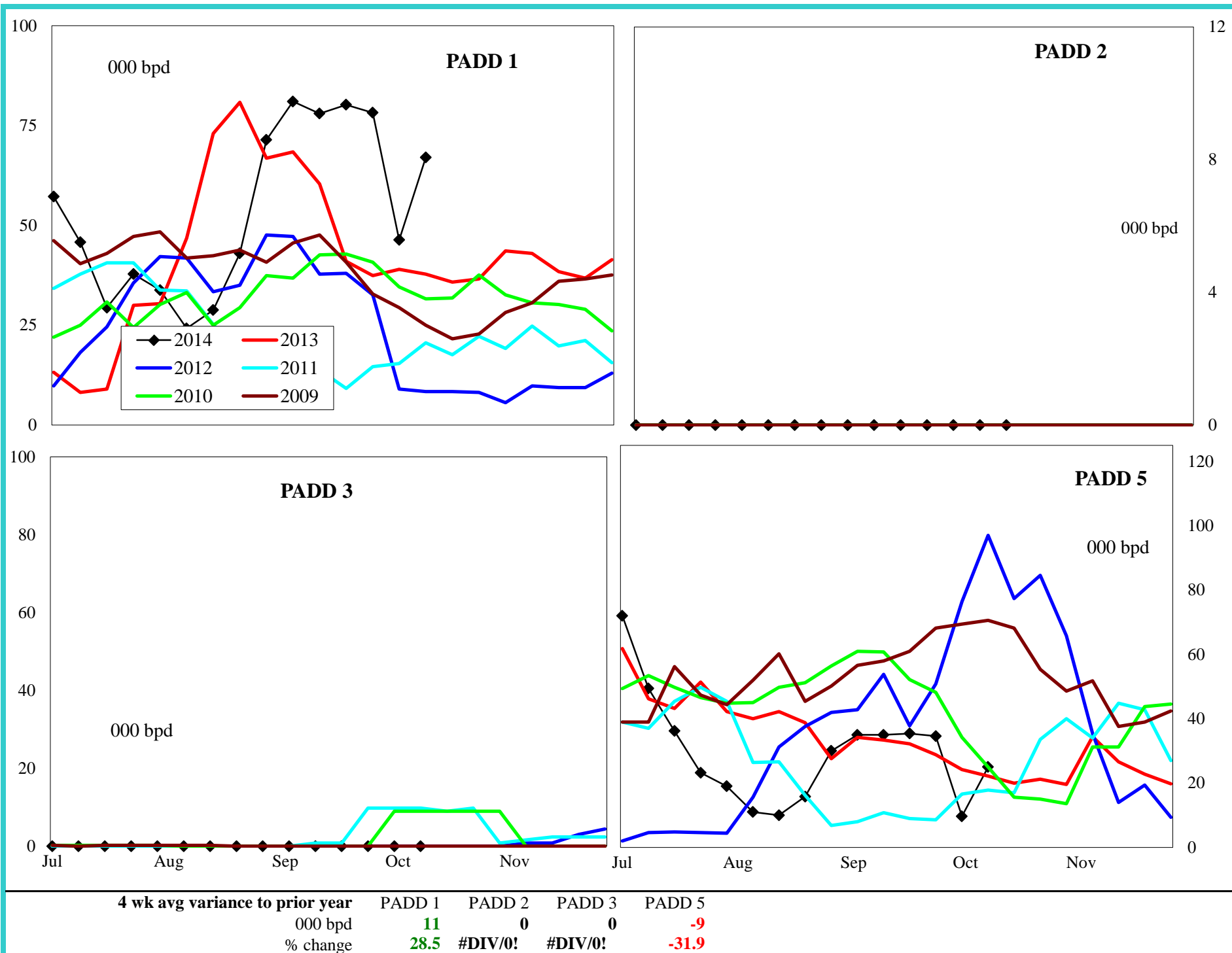
Gasoline Imports by PADD (Finished + Blend Stocks)



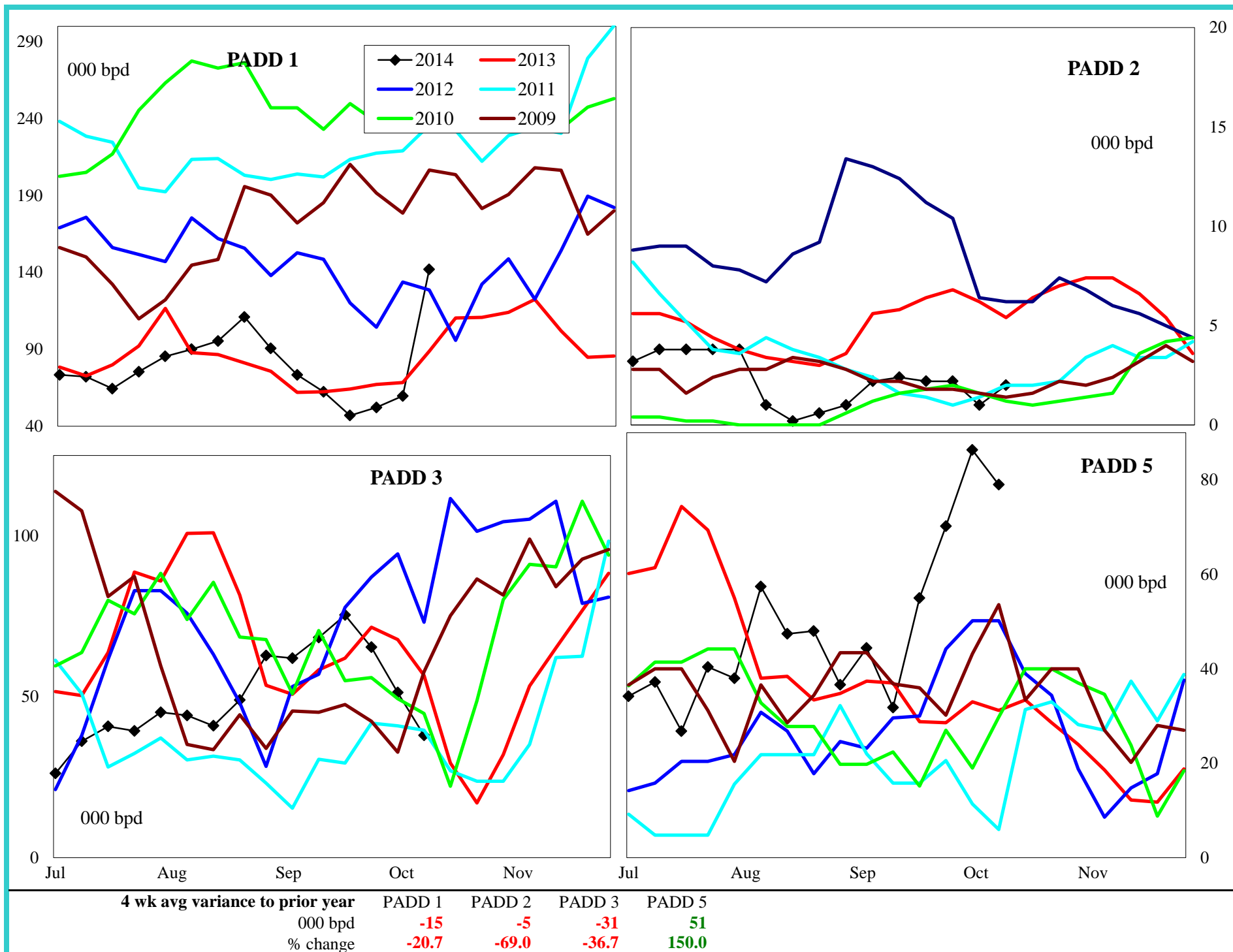
Distillate Imports by PADD



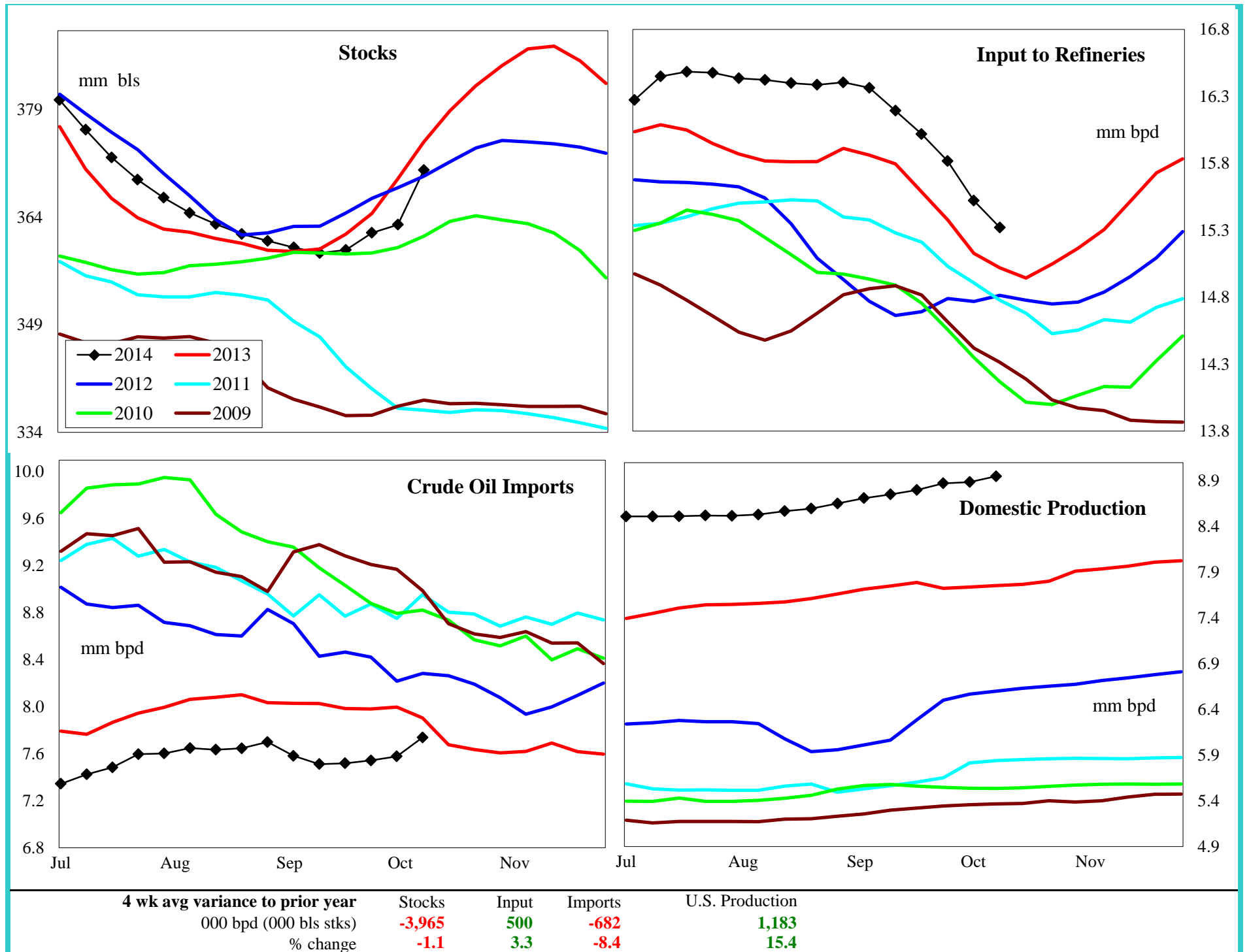
Jet Fuel Imports by PADD



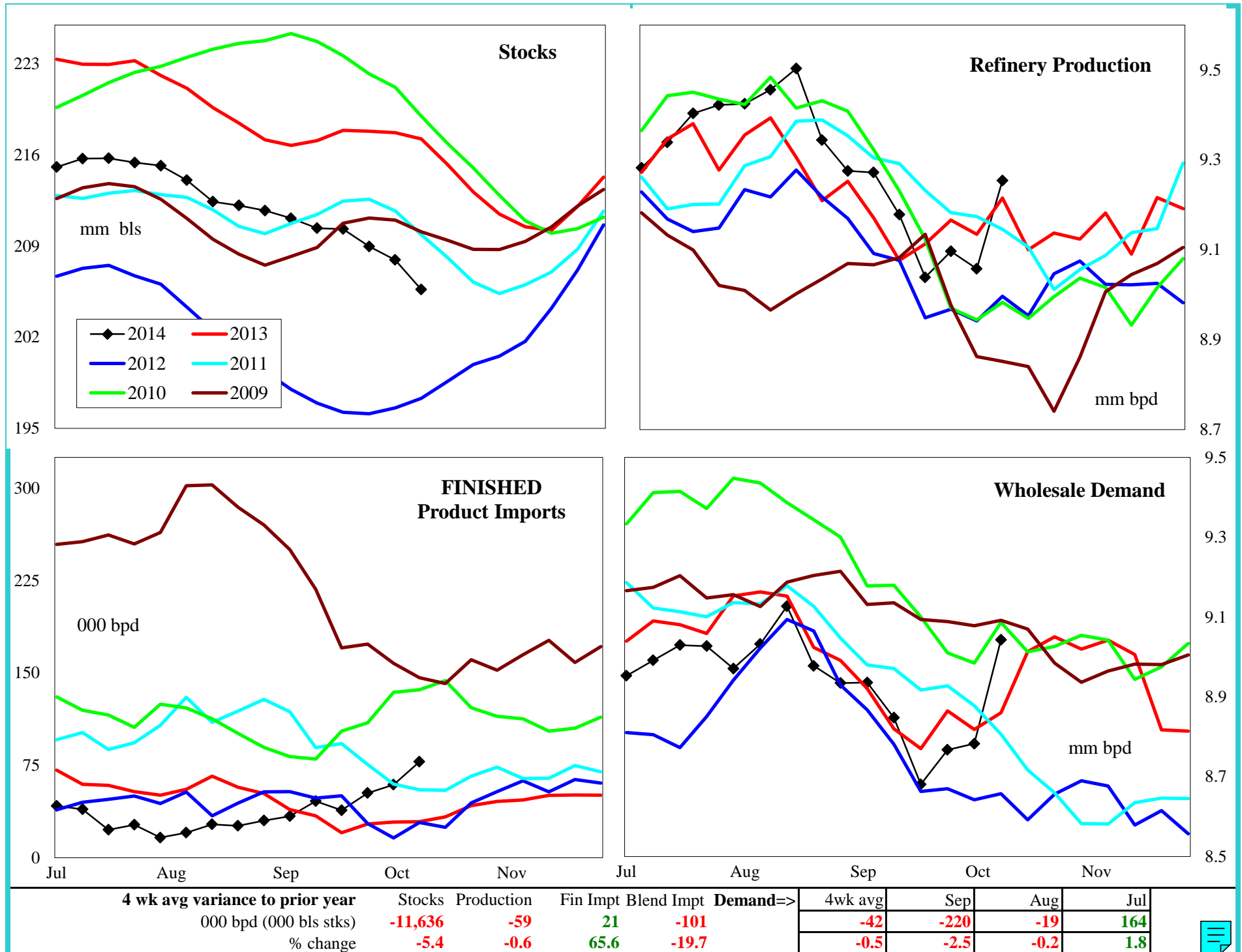
Residual Fuel Oil Imports by PADD



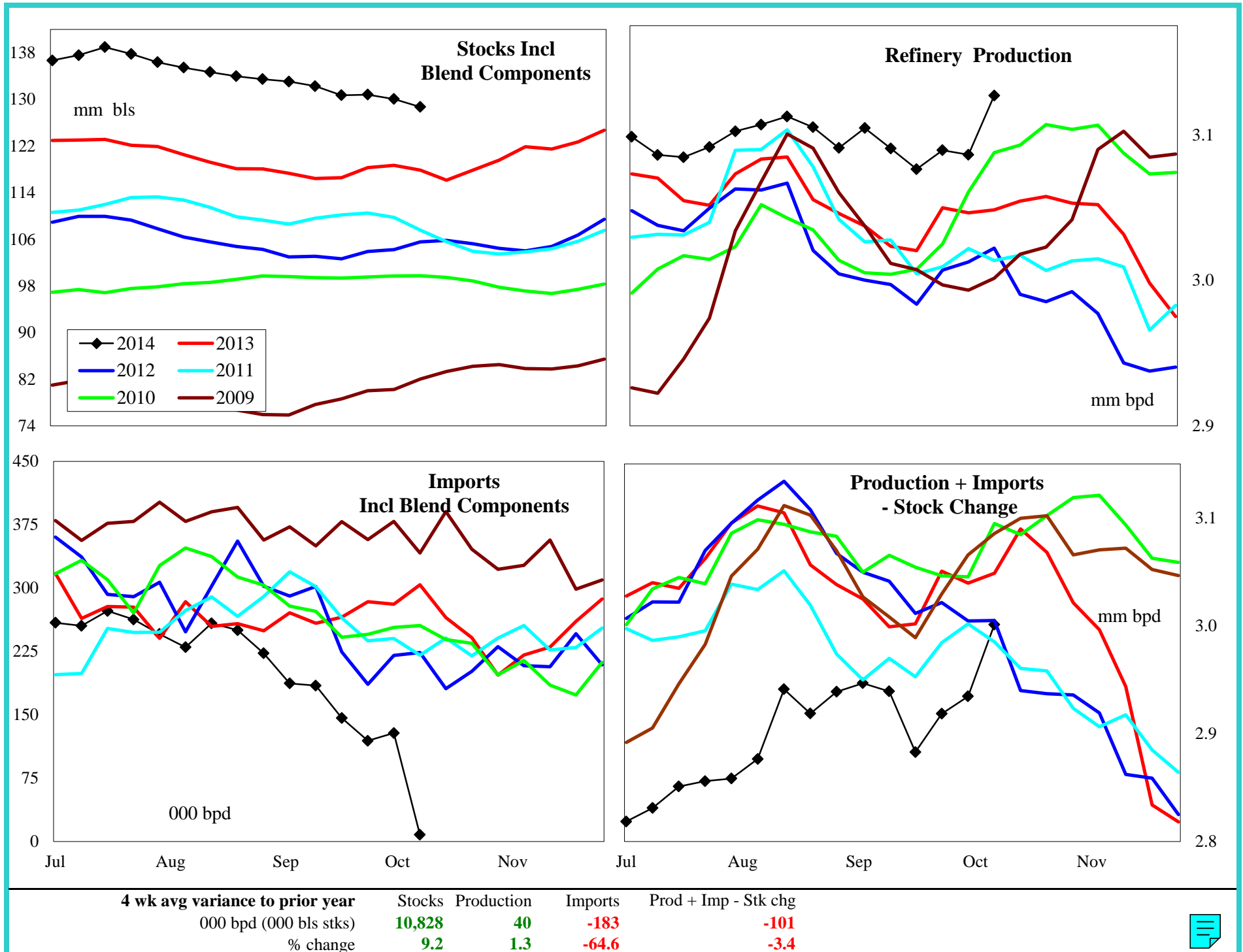
United States Crude Oil Supply and Demand Balance



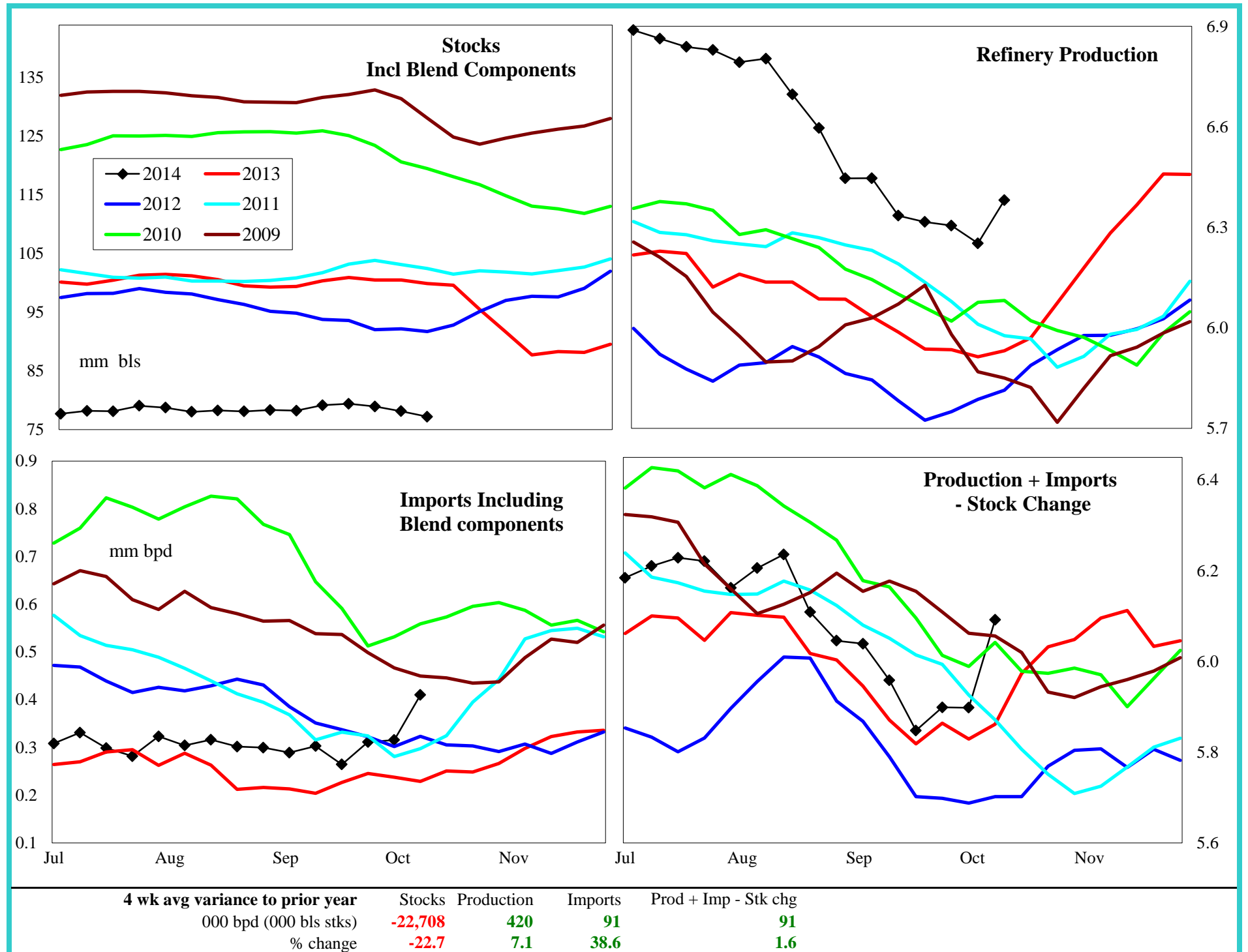
United States Gasoline Supply and Demand Balance



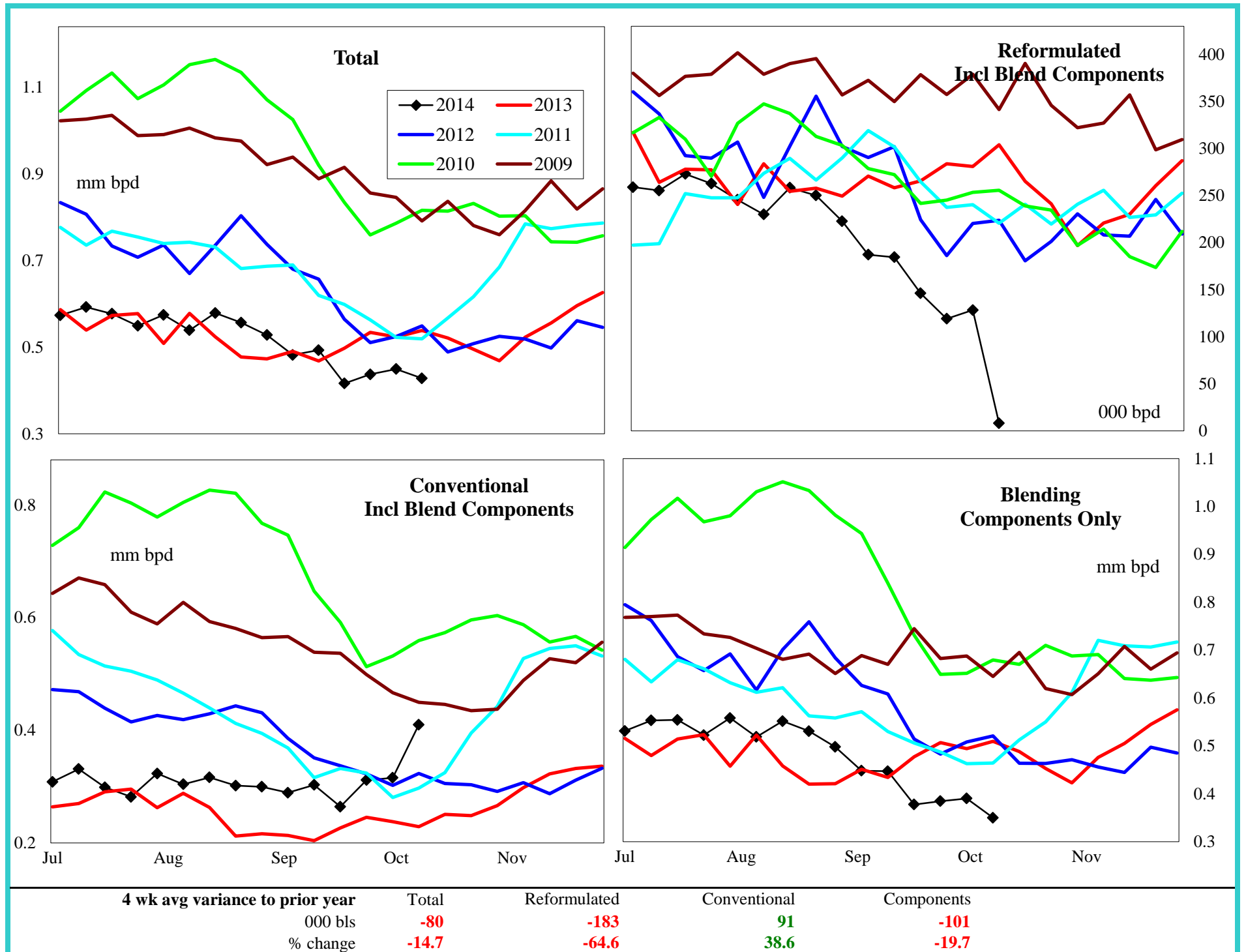
United States Reformulated Gasoline Supply



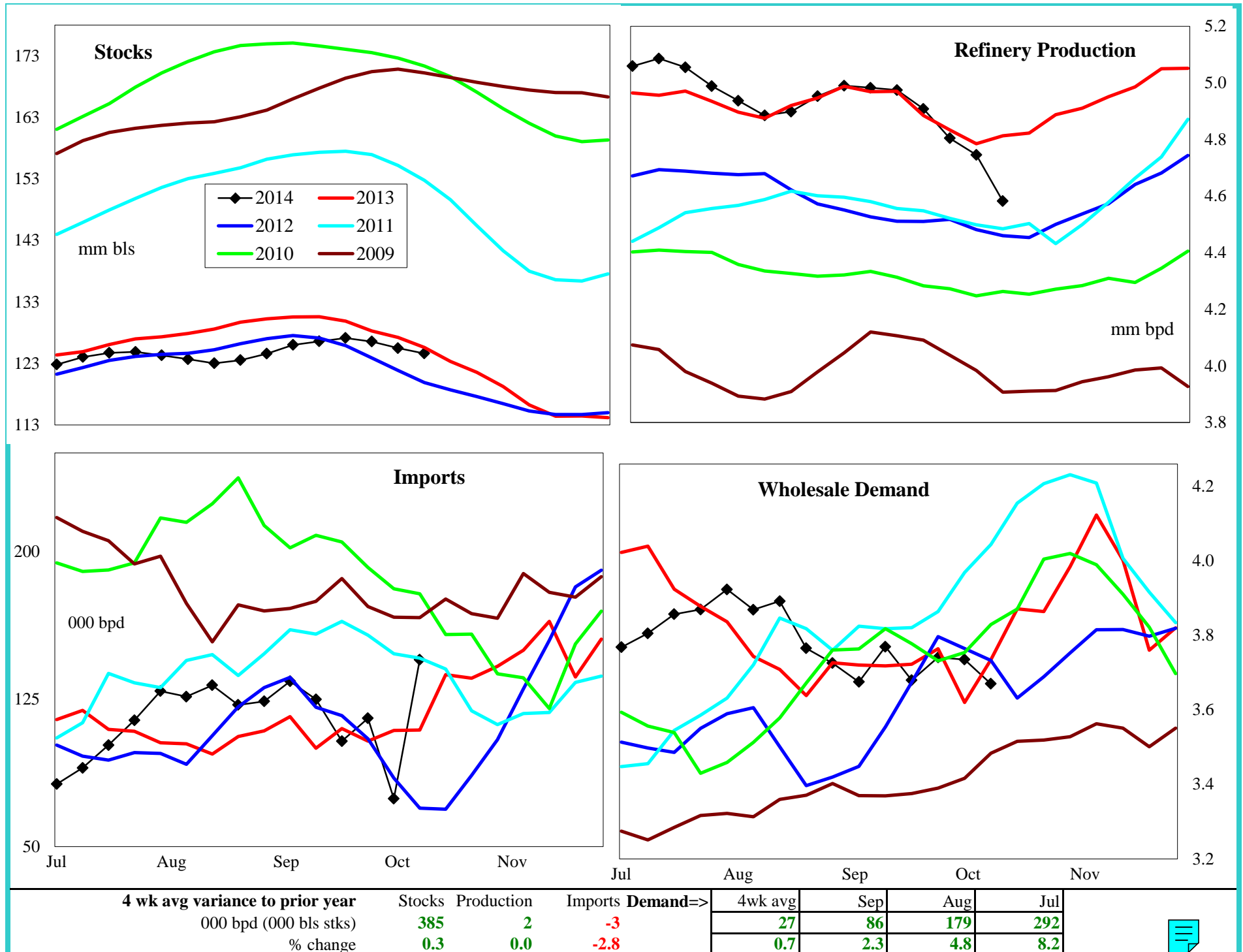
United States Conventional Gasoline Supply



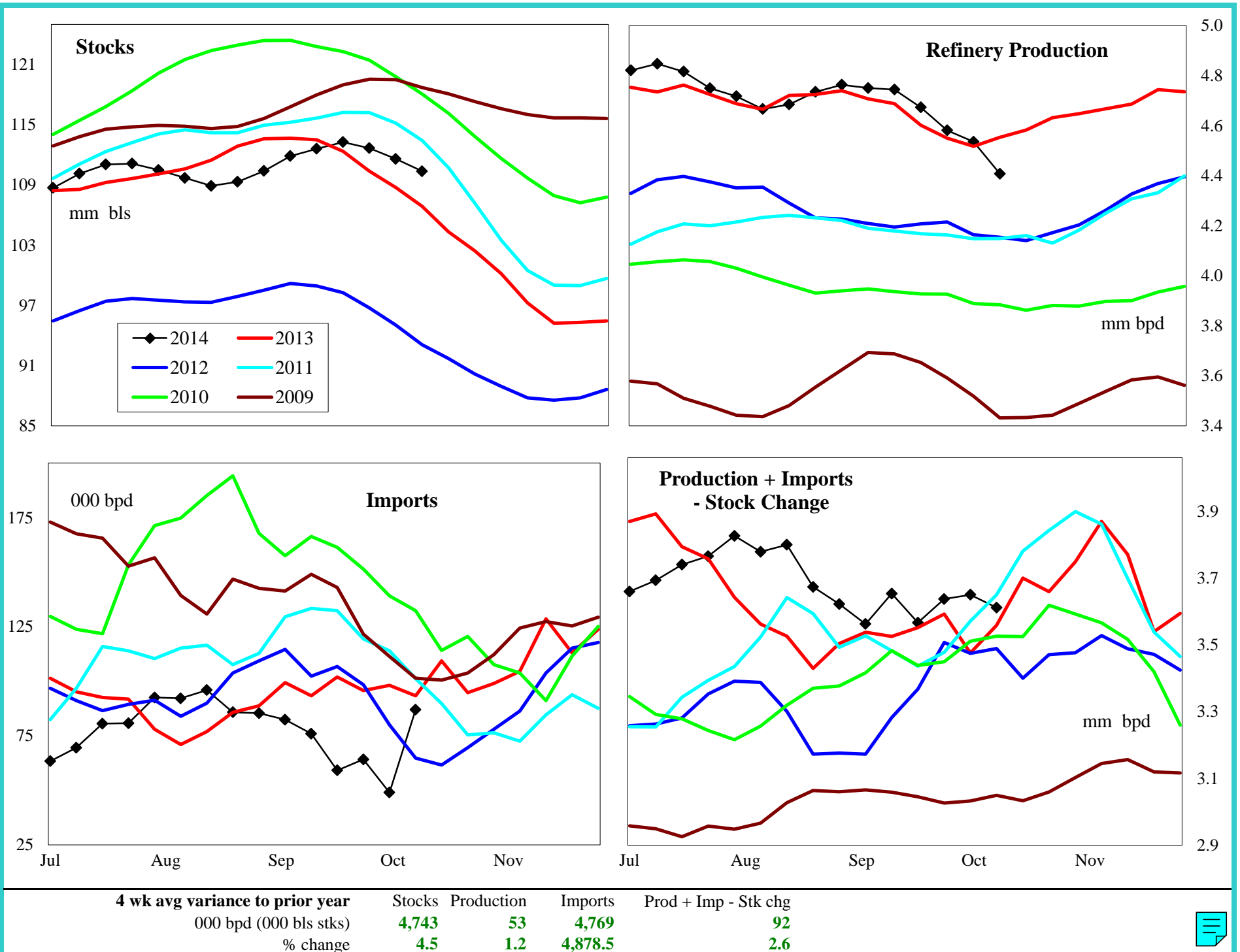
United States Gasoline Imports by Type



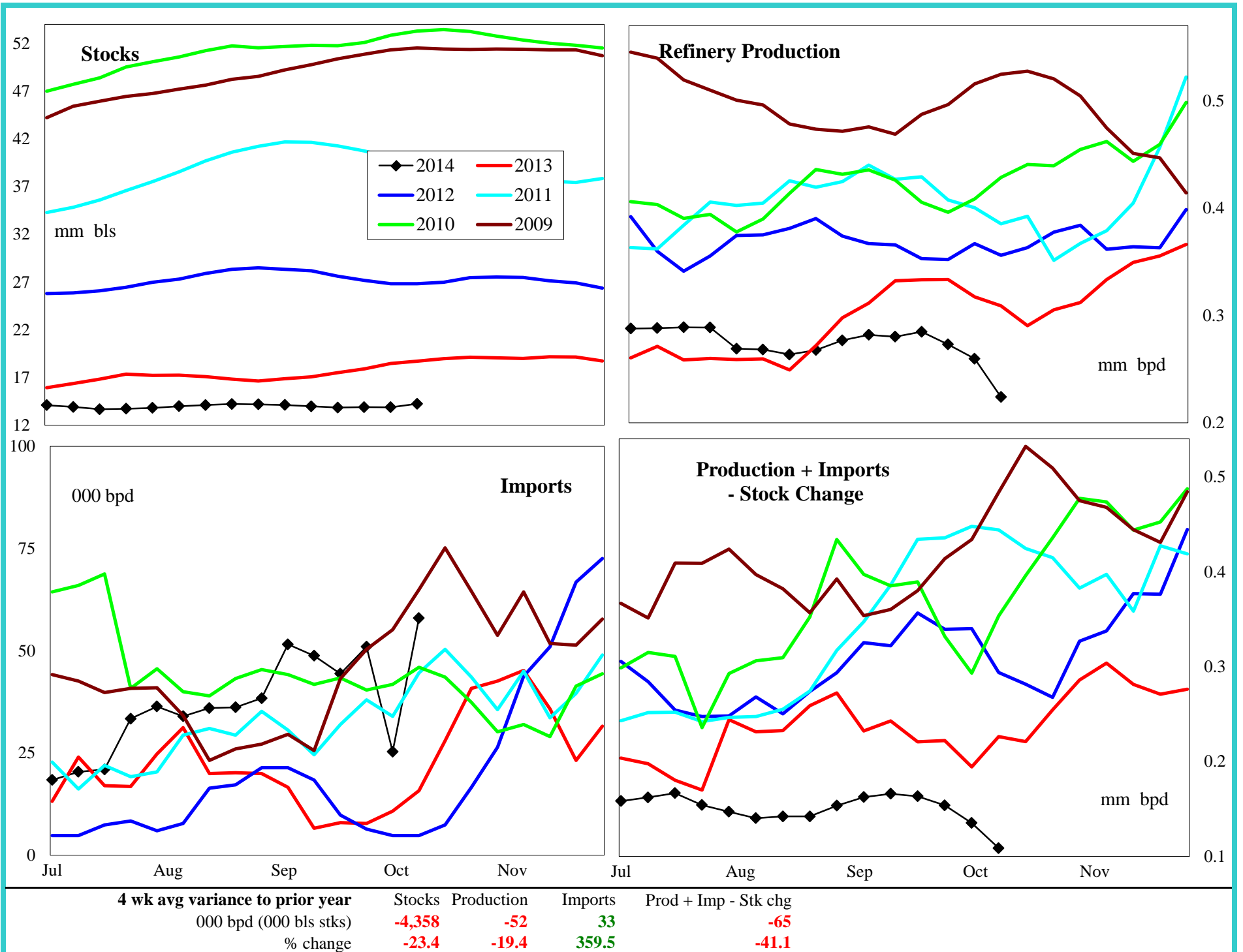
United States Distillate Supply and Demand Balance



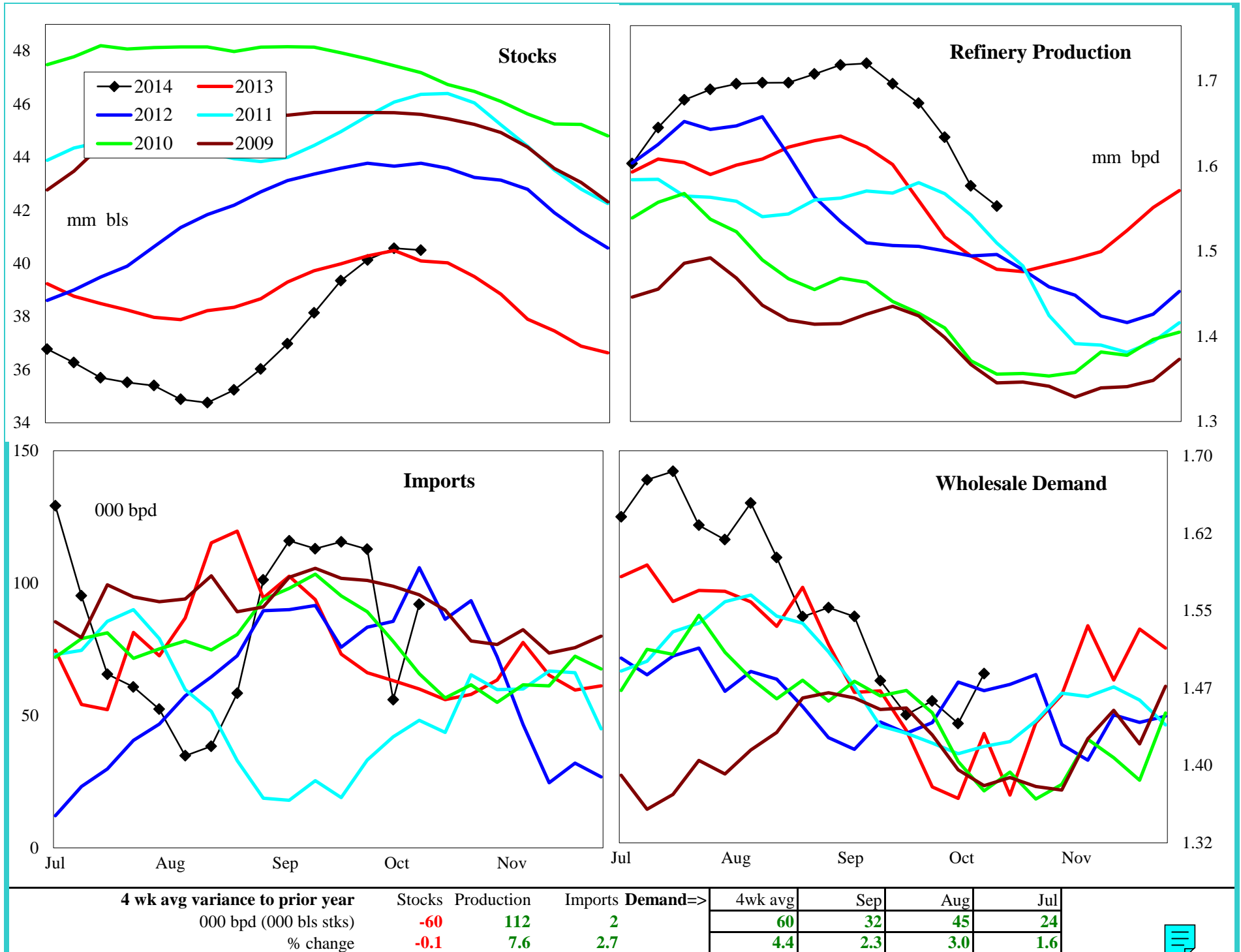
United States Low Sulfur Distillate Supply



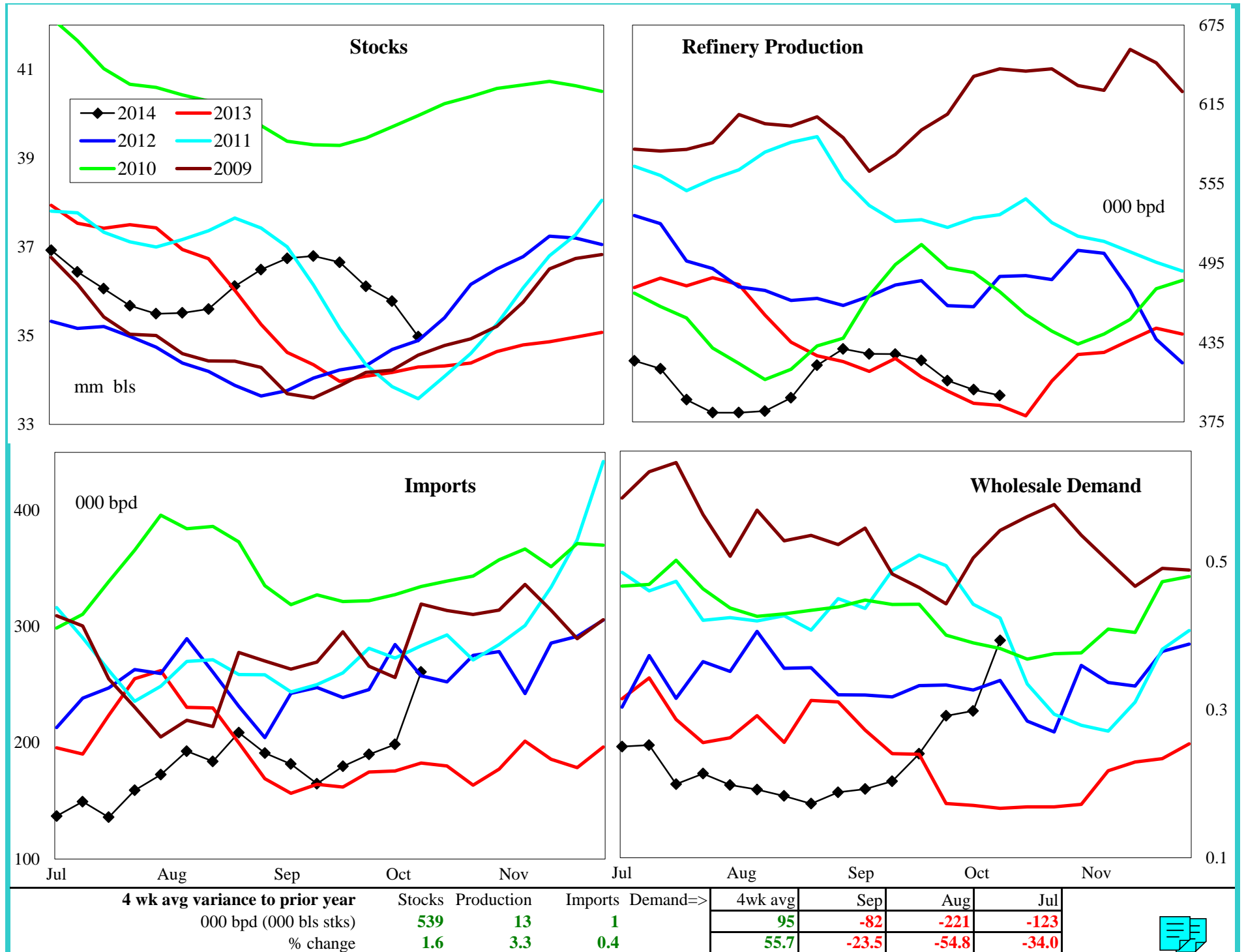
United States High Sulfur Distillate Supply



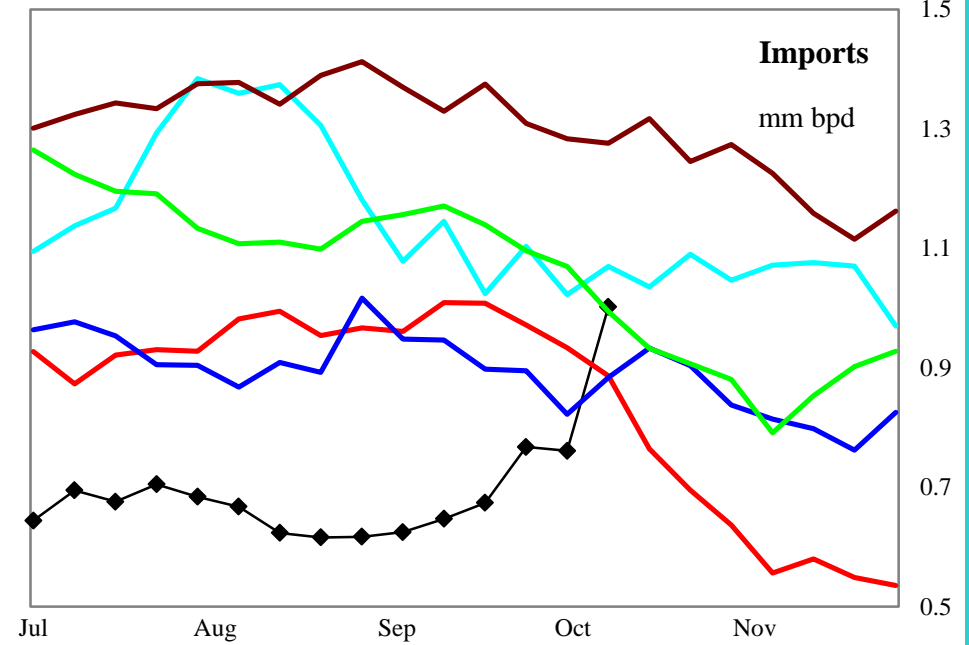
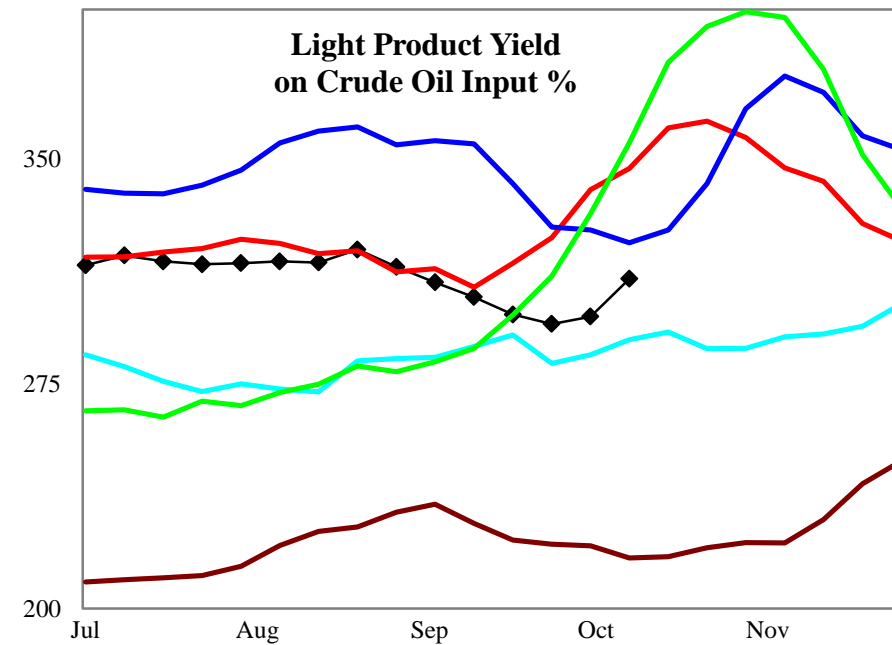
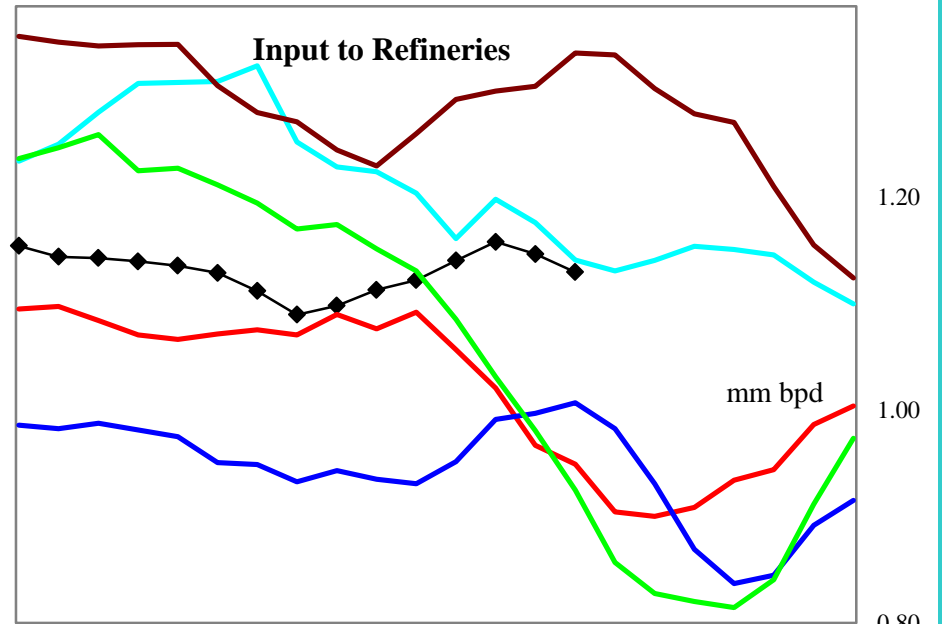
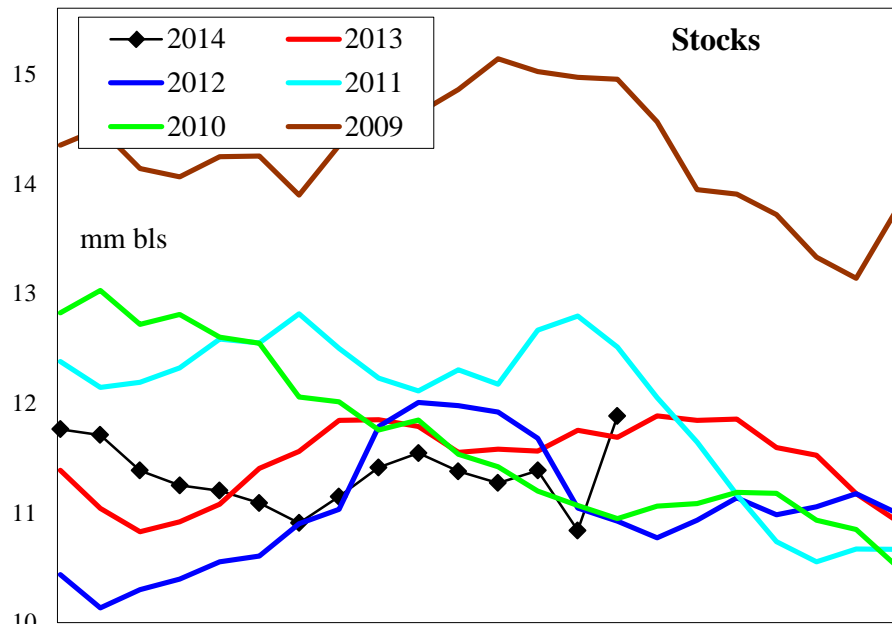
United States Jet Fuel Supply and Demand Balance



United States Residual Fuel Oil Supply and Demand Balance



PADD 1 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

194

1.7

Input

158

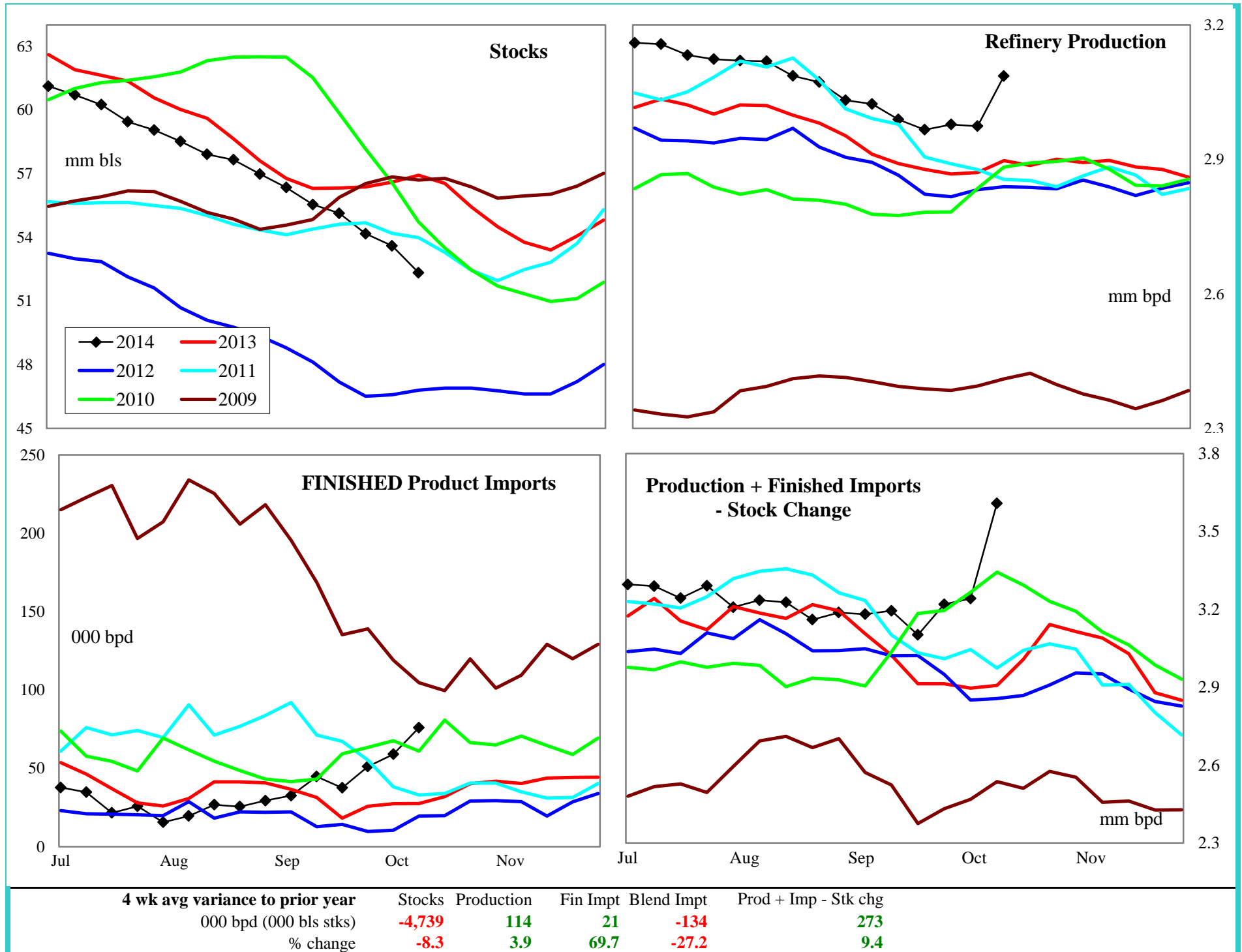
15.8

Imports

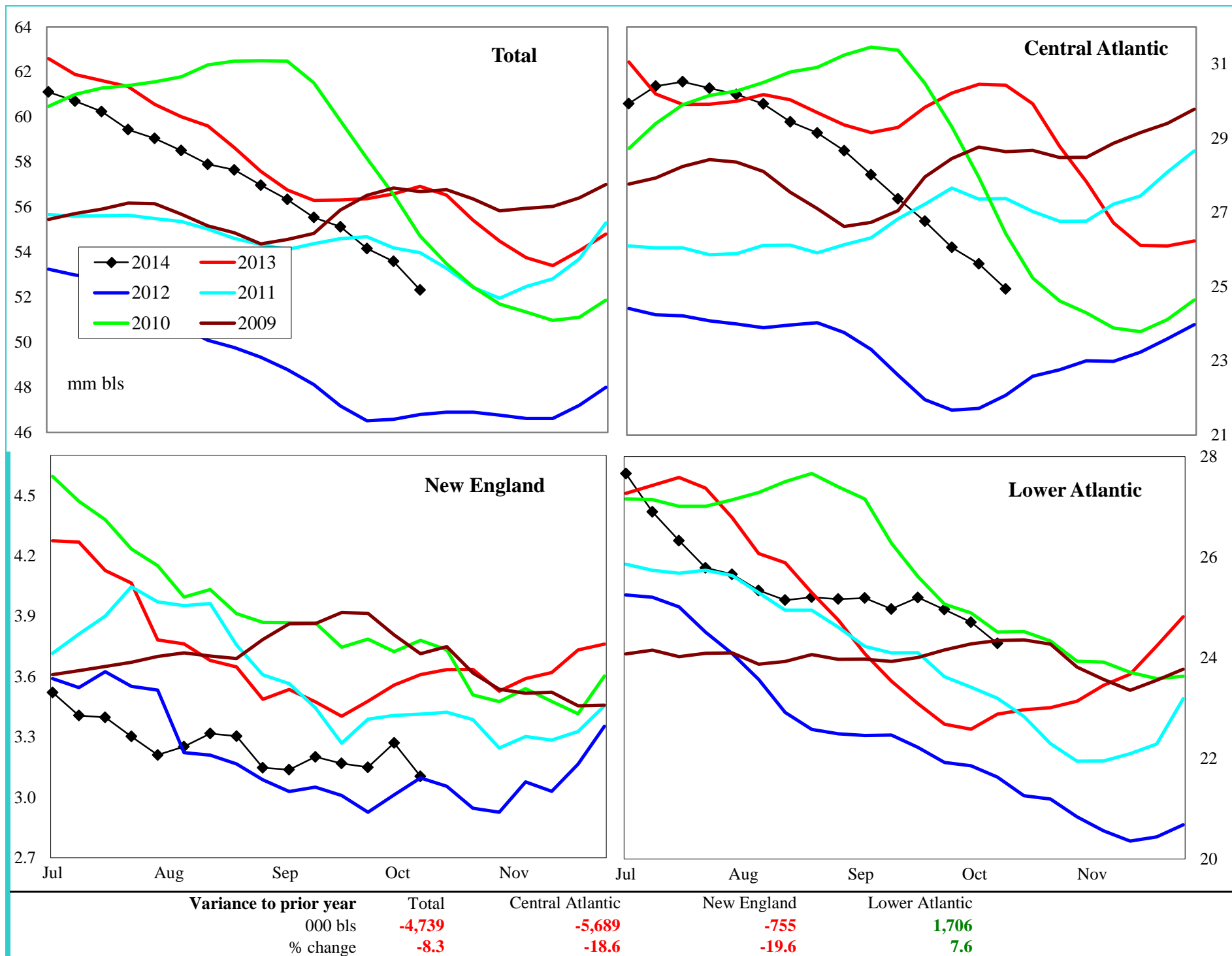
-250

-26.0

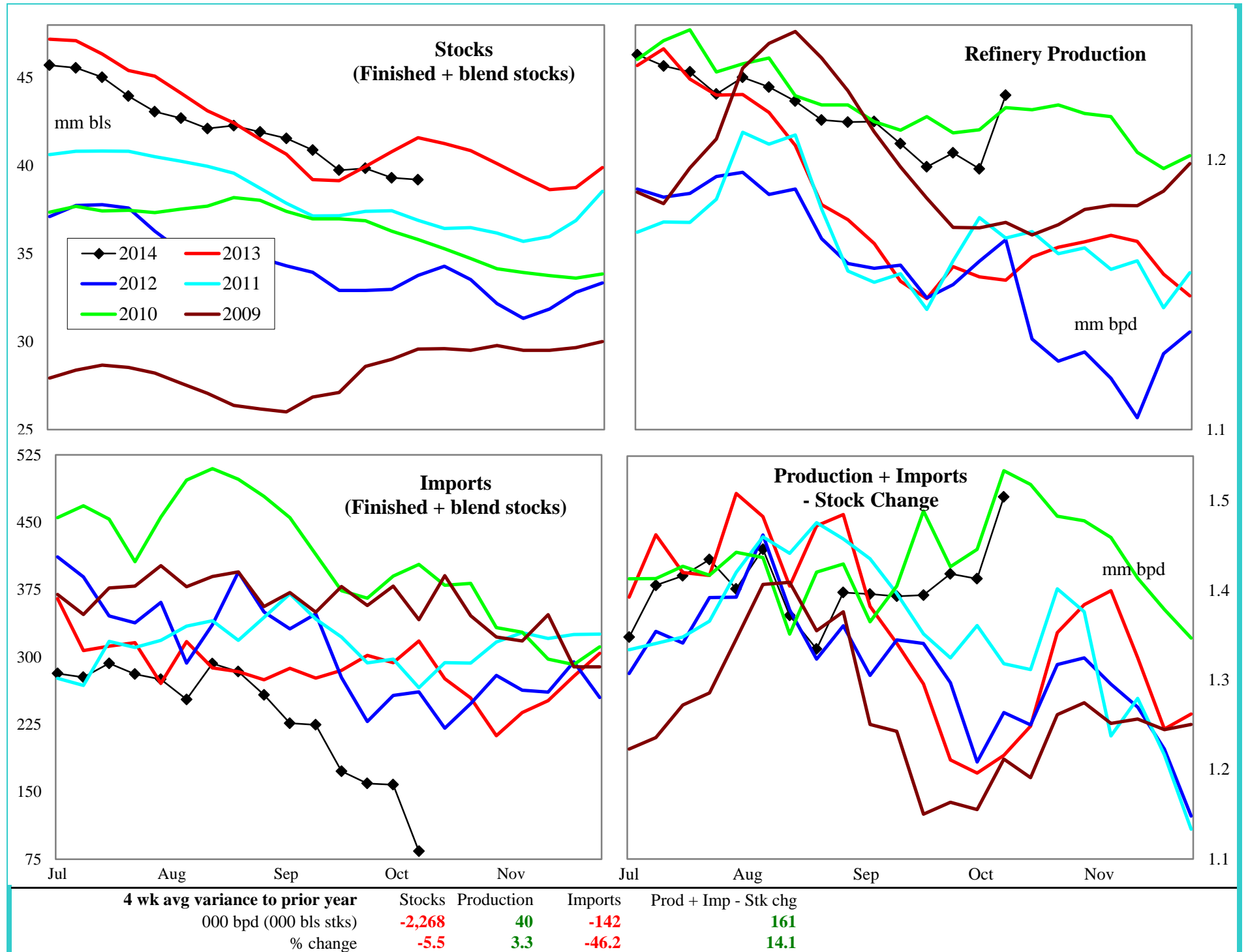
PADD 1 Gasoline Supply



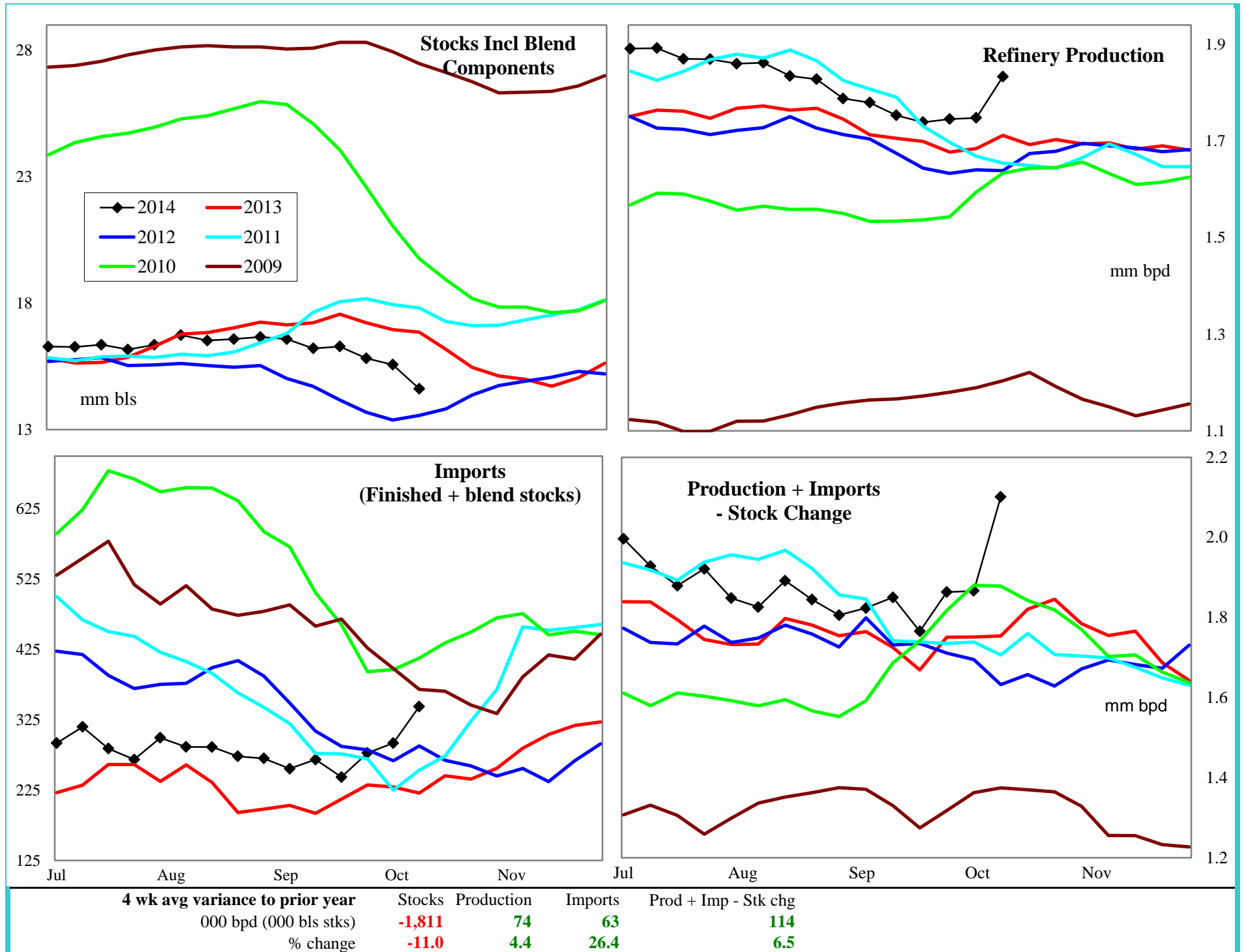
PADD 1 Gasoline Stocks by Region



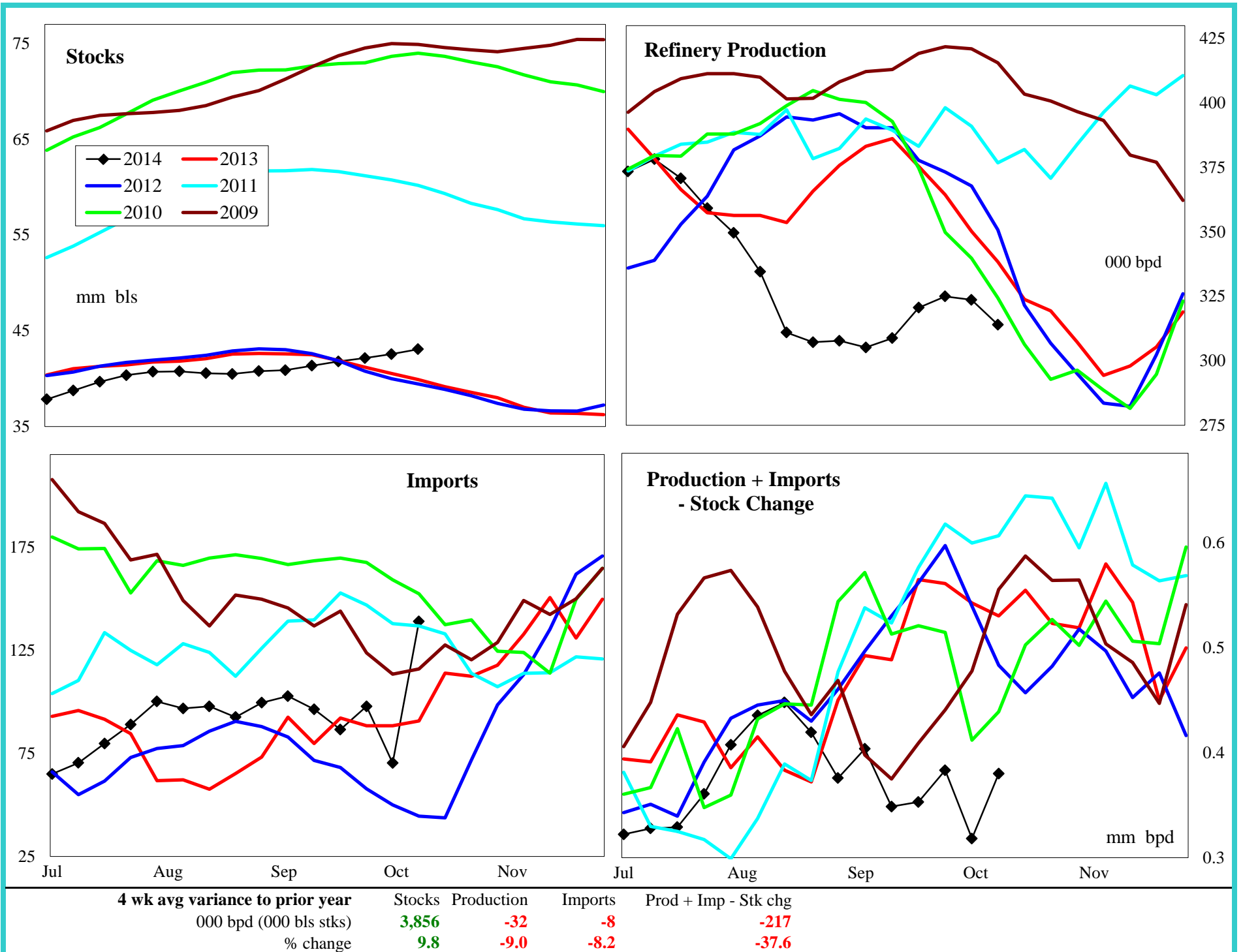
PADD 1 Reformulated Gasoline Supply



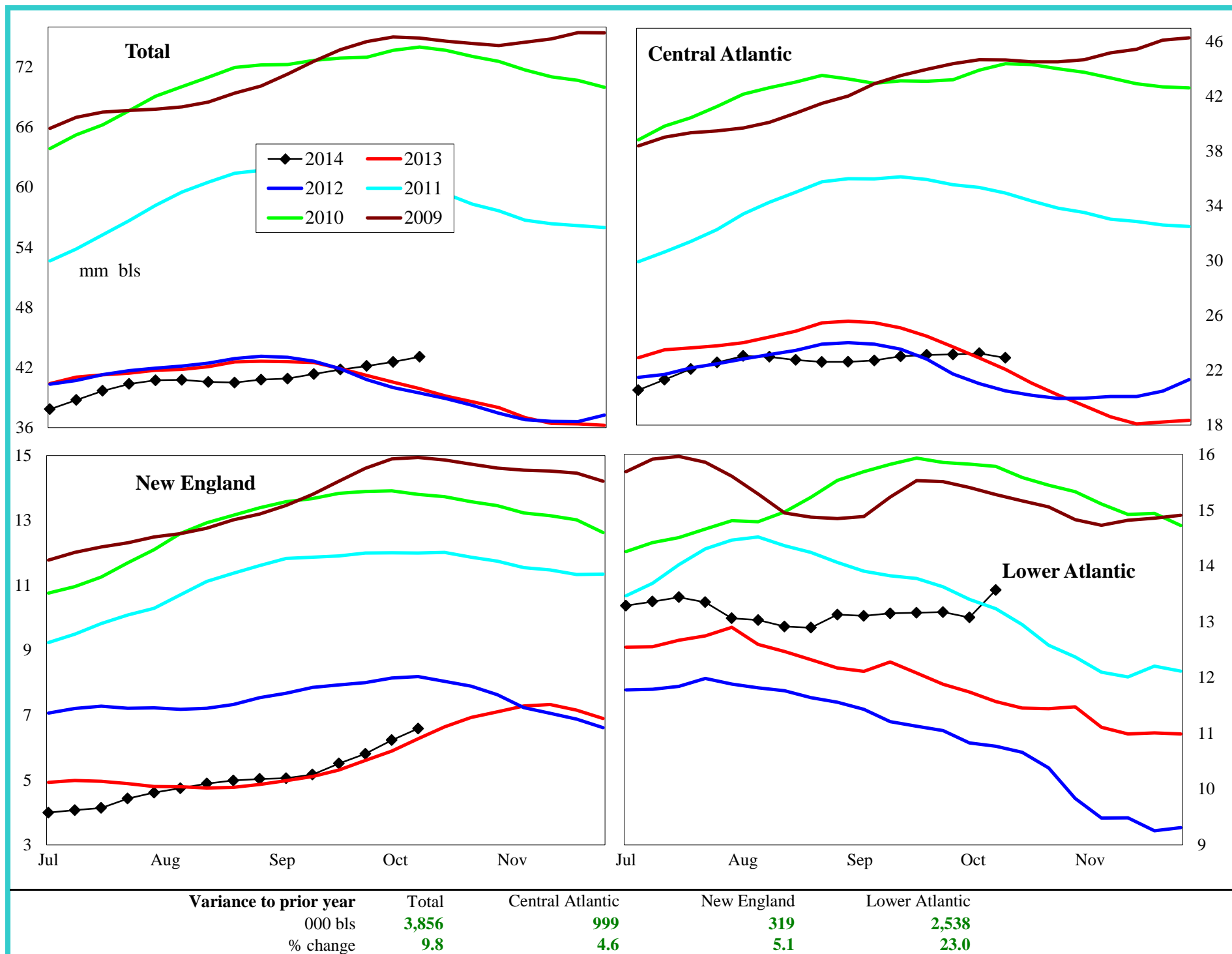
PADD 1 Conventional Gasoline Supply



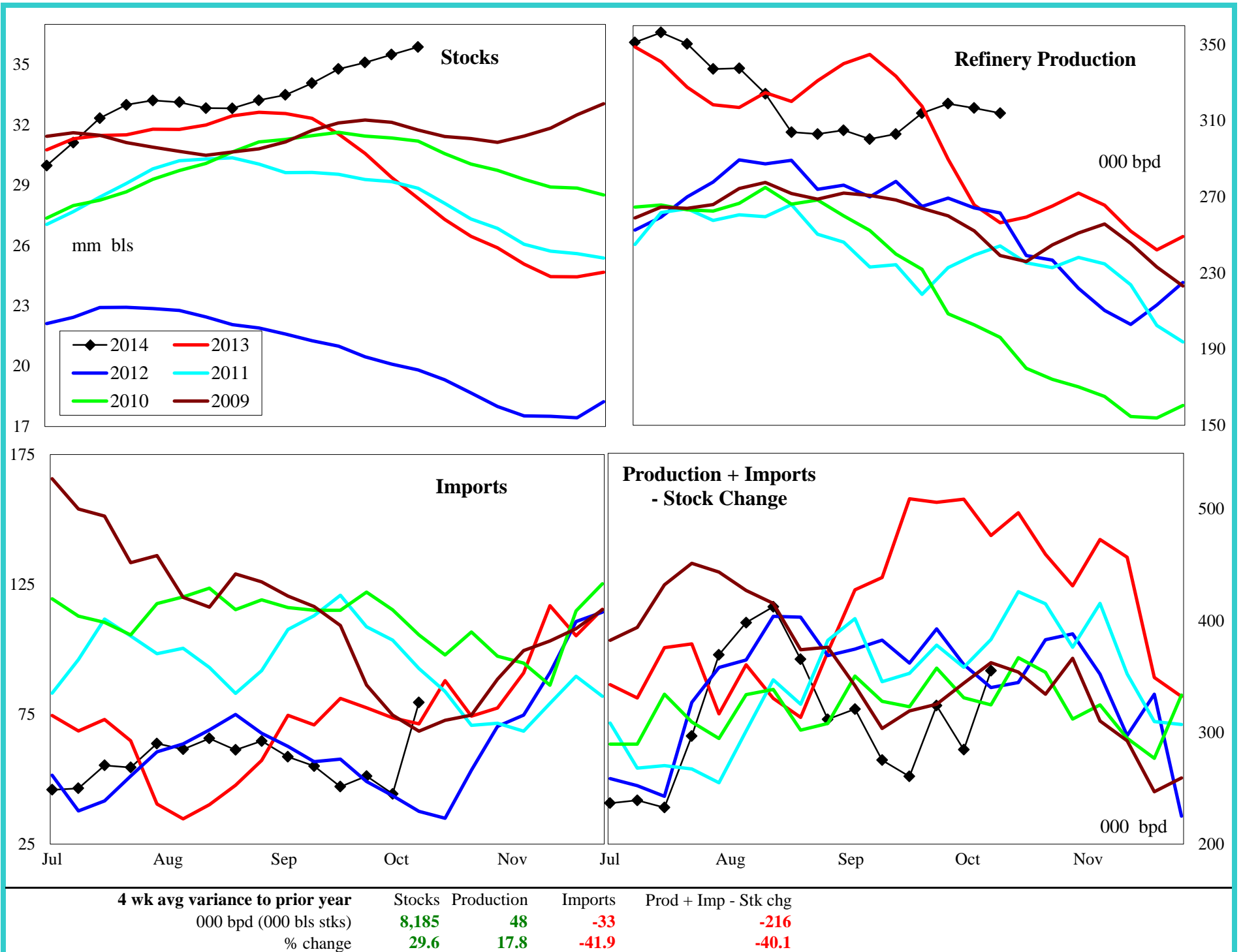
PADD 1 Distillate Supply



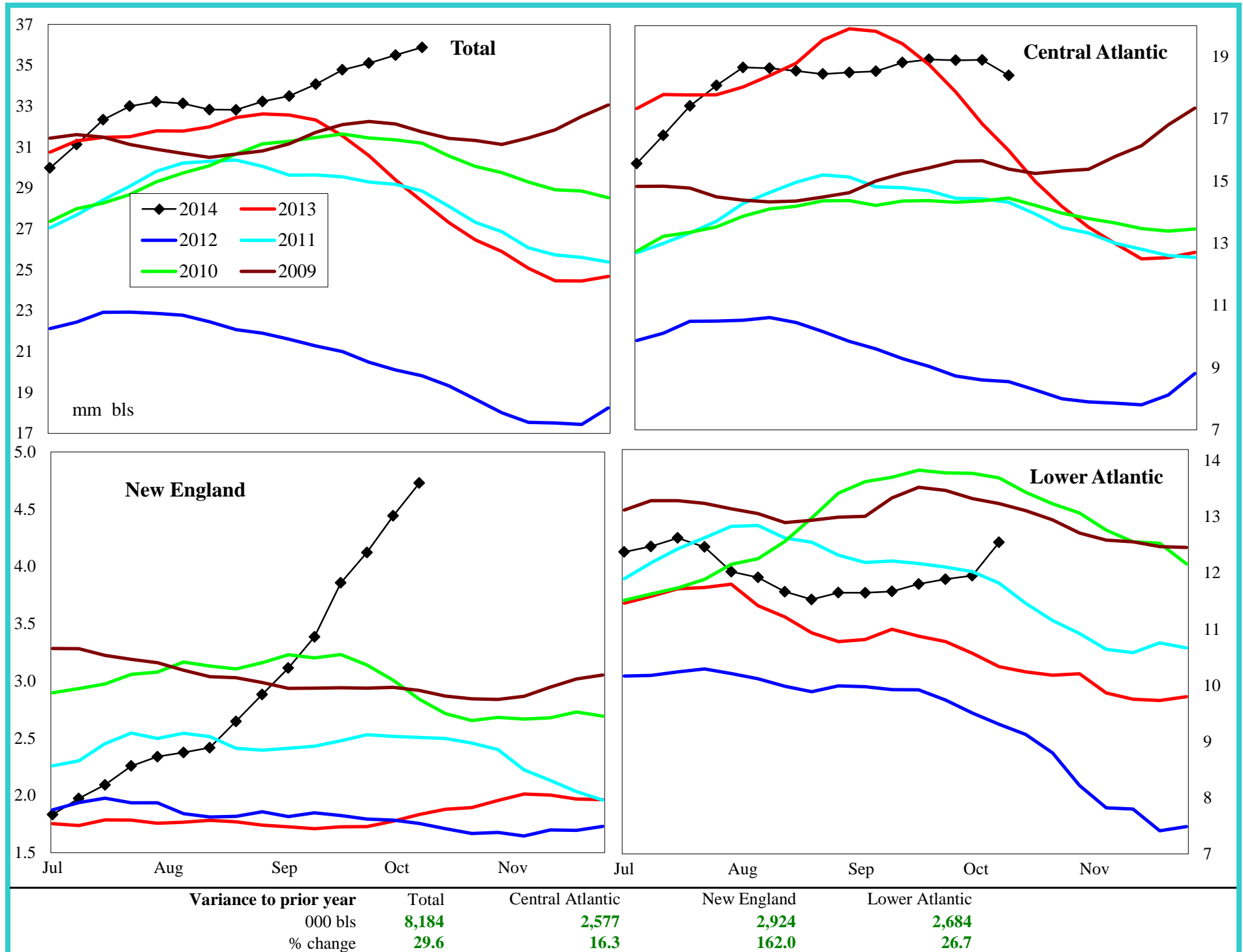
PADD 1 Distillate Stocks by Region



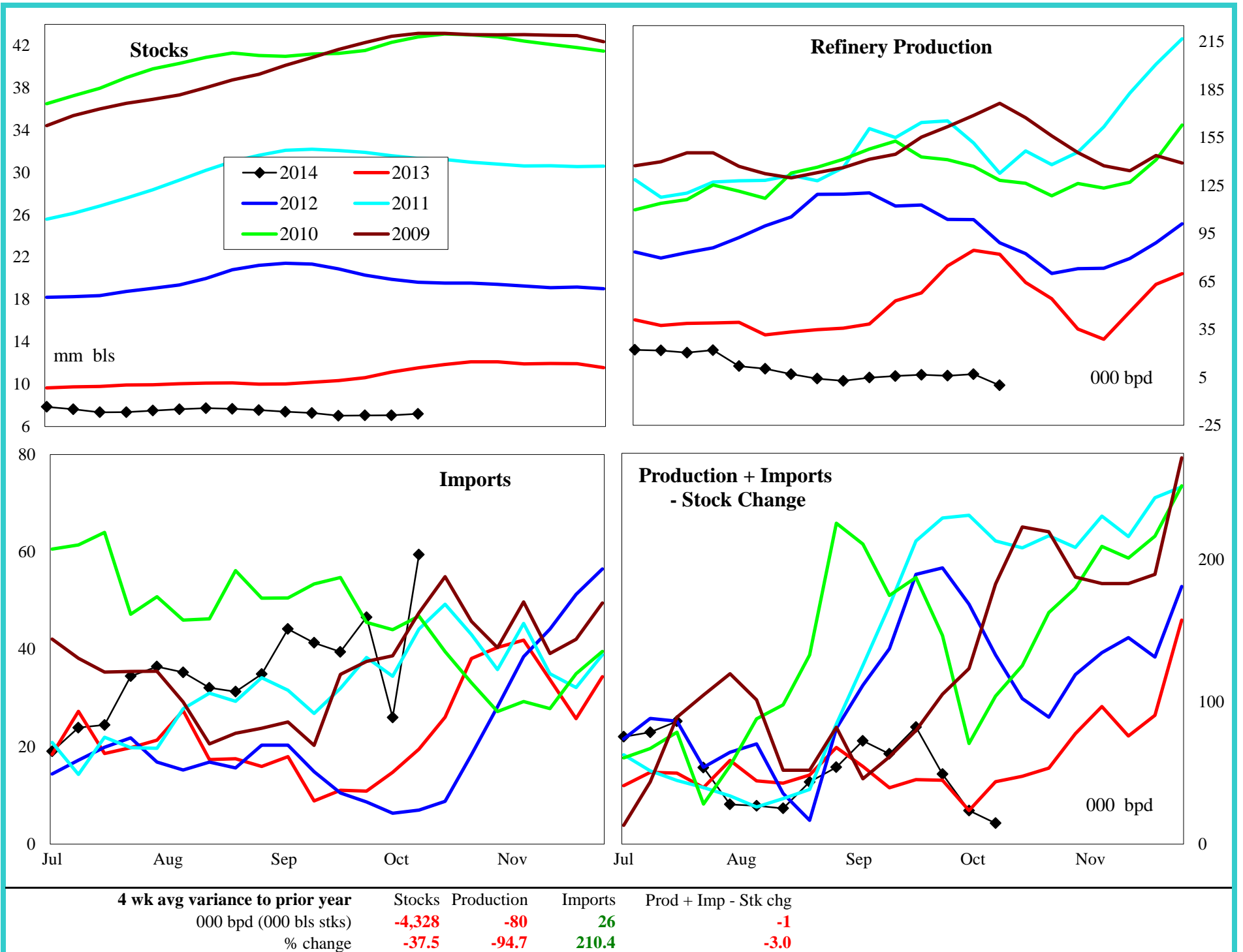
PADD 1 Low Sulfur Distillate Supply



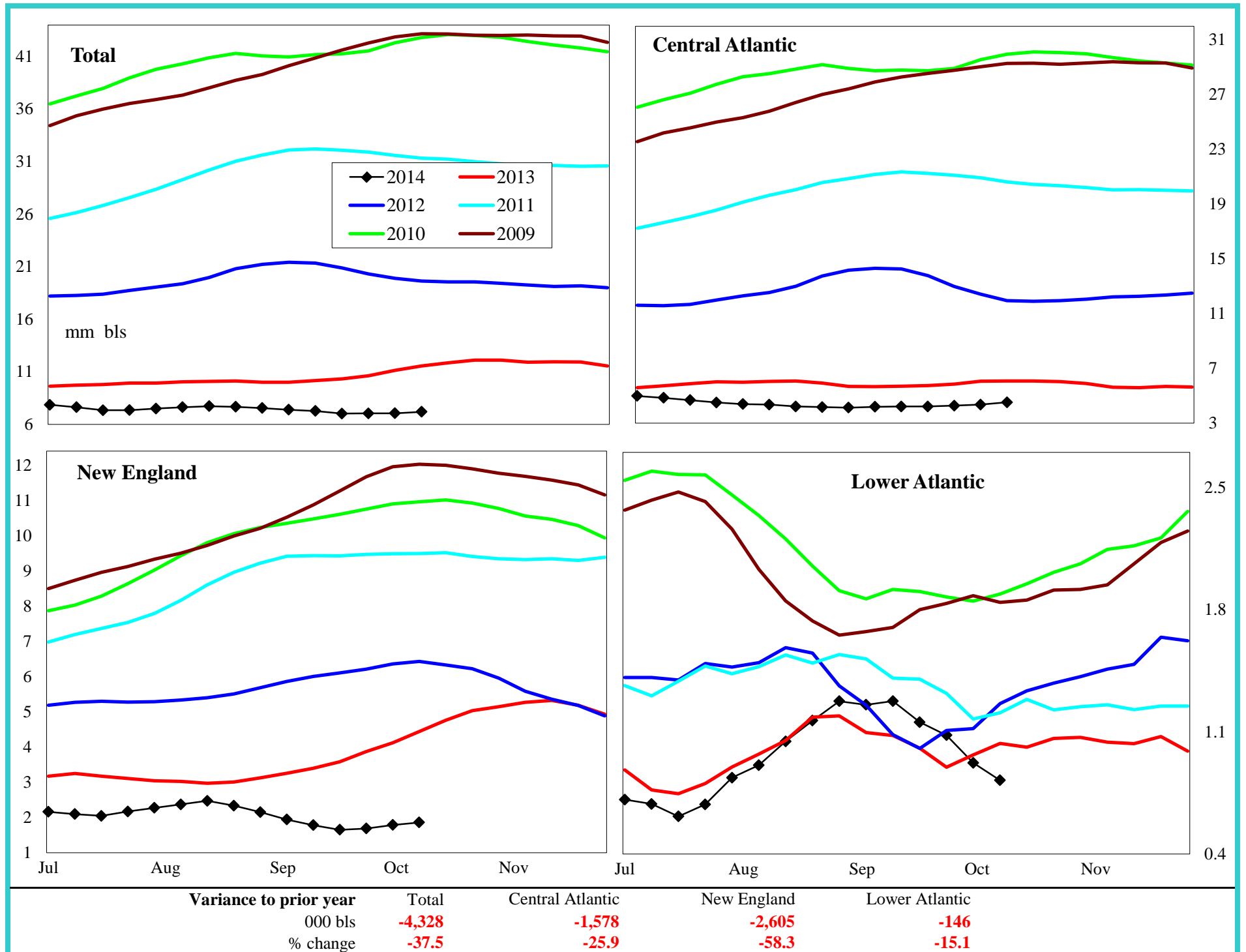
PADD 1 Low Sulfur Distillate Stocks by Region



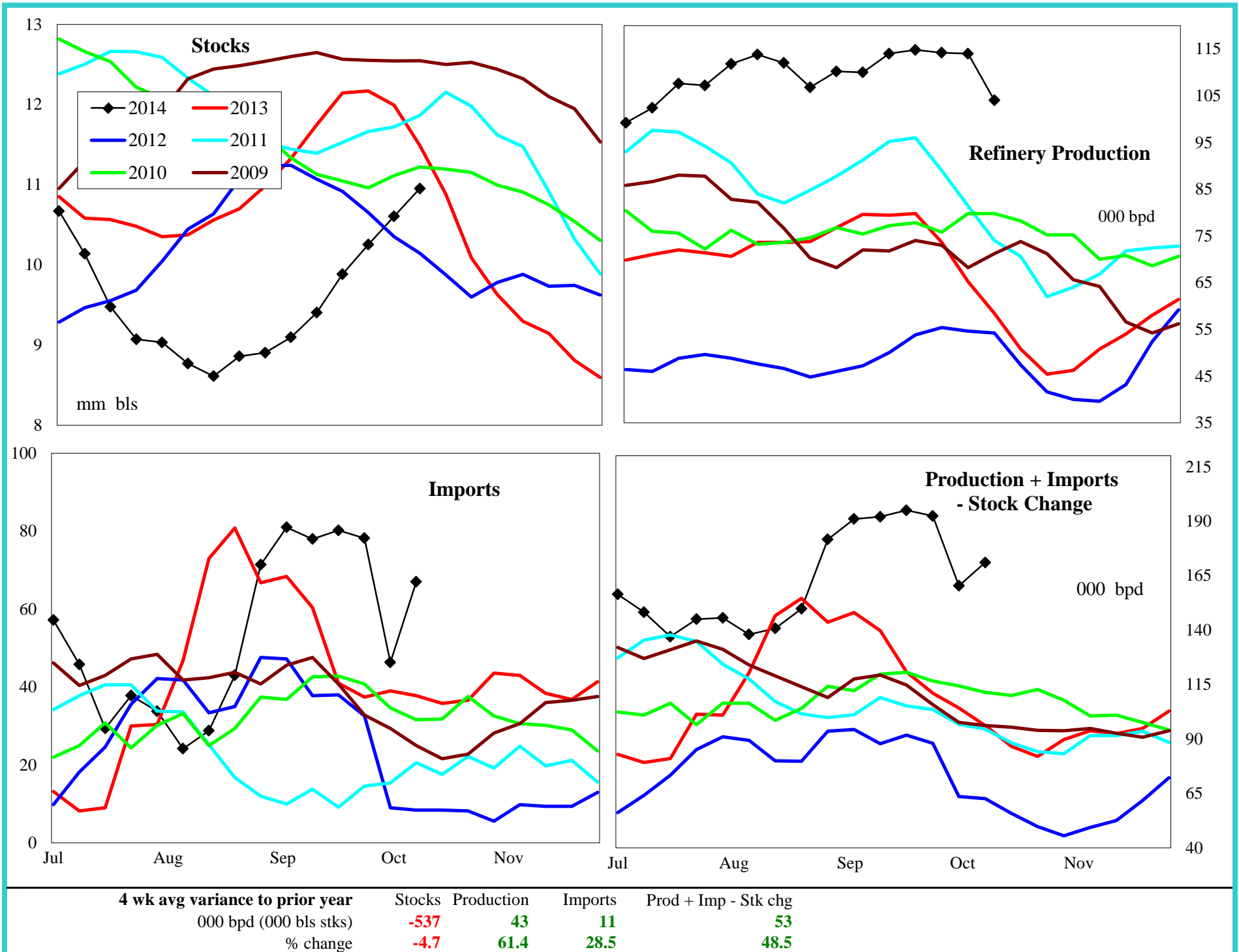
PADD 1 High Sulfur Distillate Supply



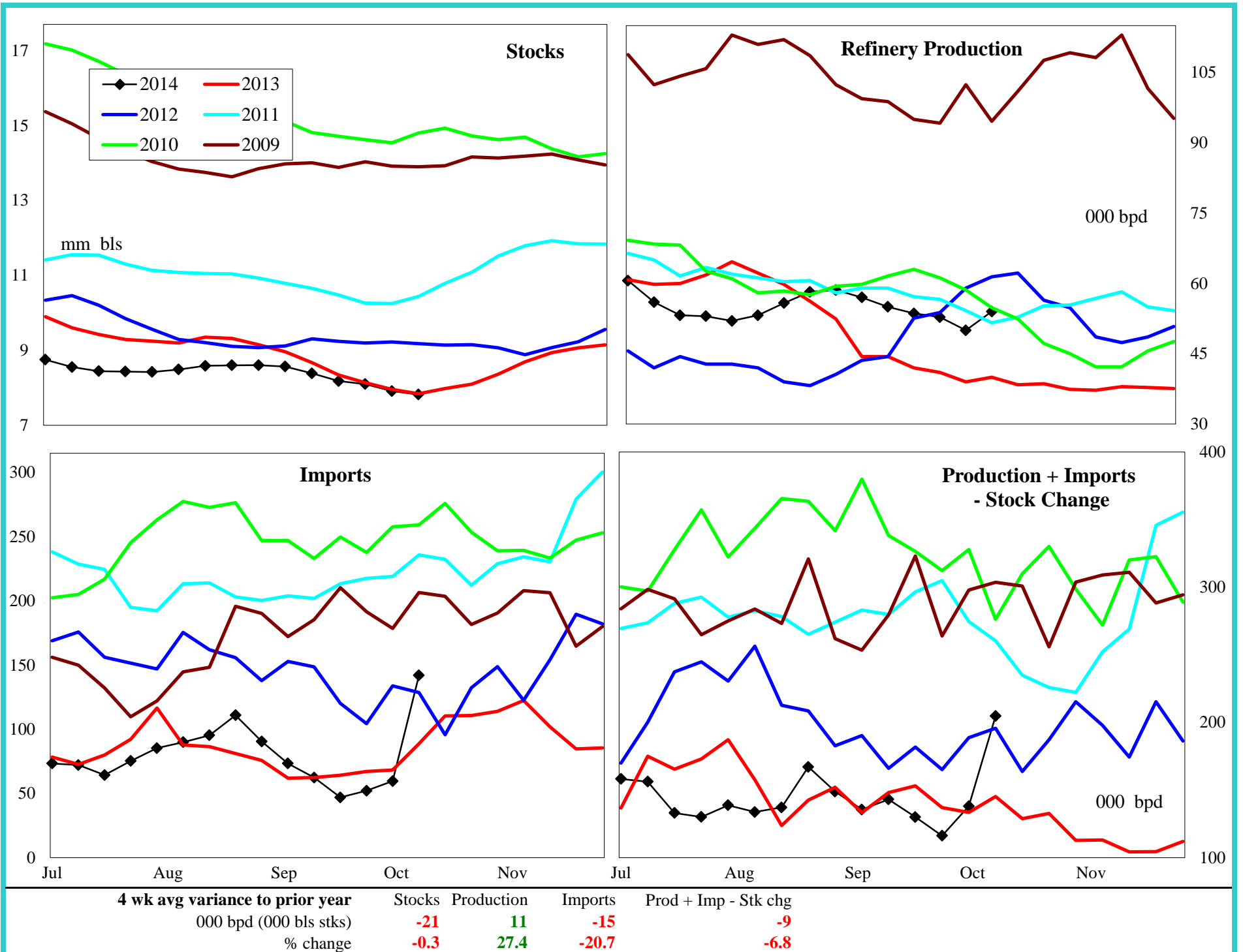
PADD 1 High Sulfur Distillate Stocks by Region



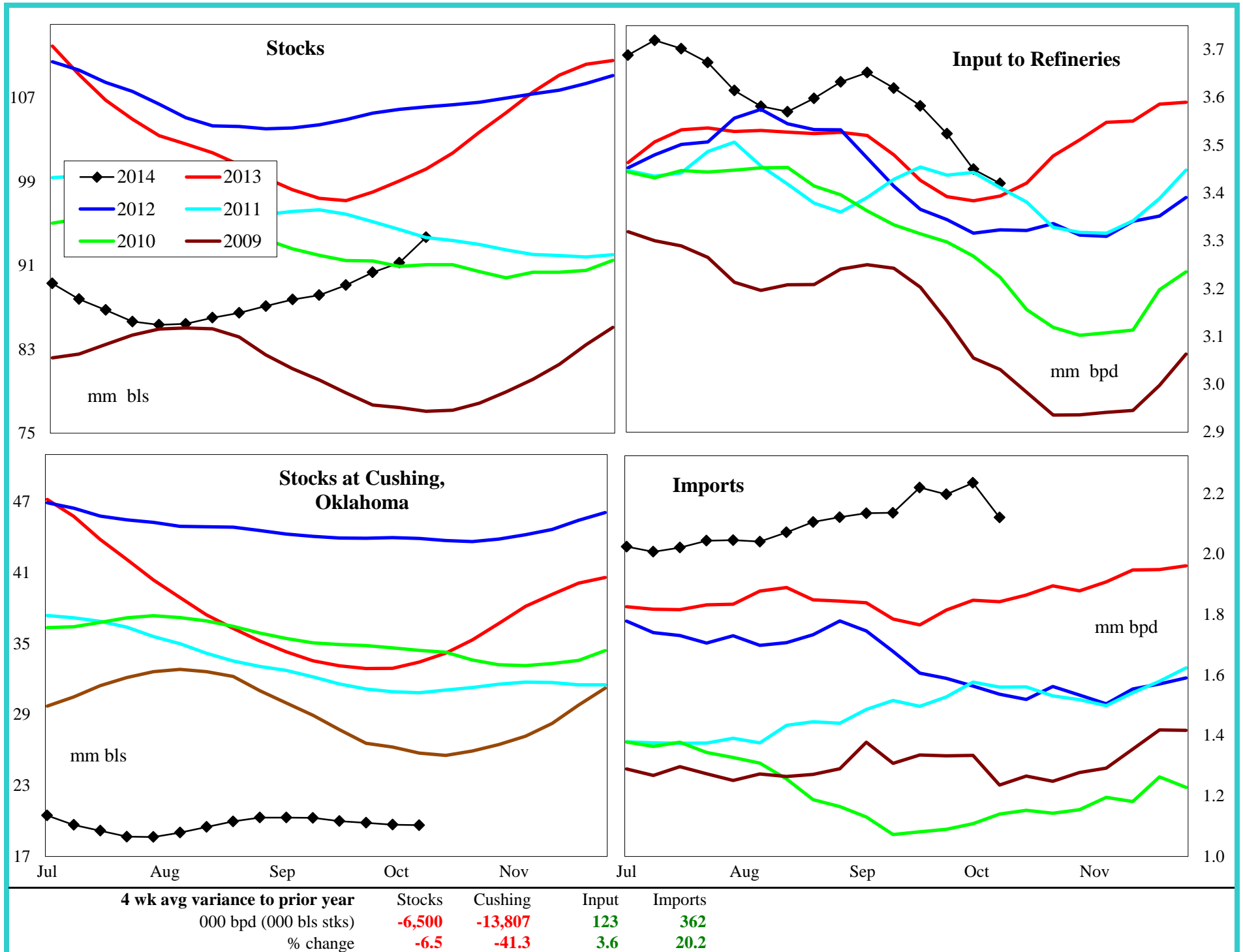
PADD 1 Jet Fuel Supply



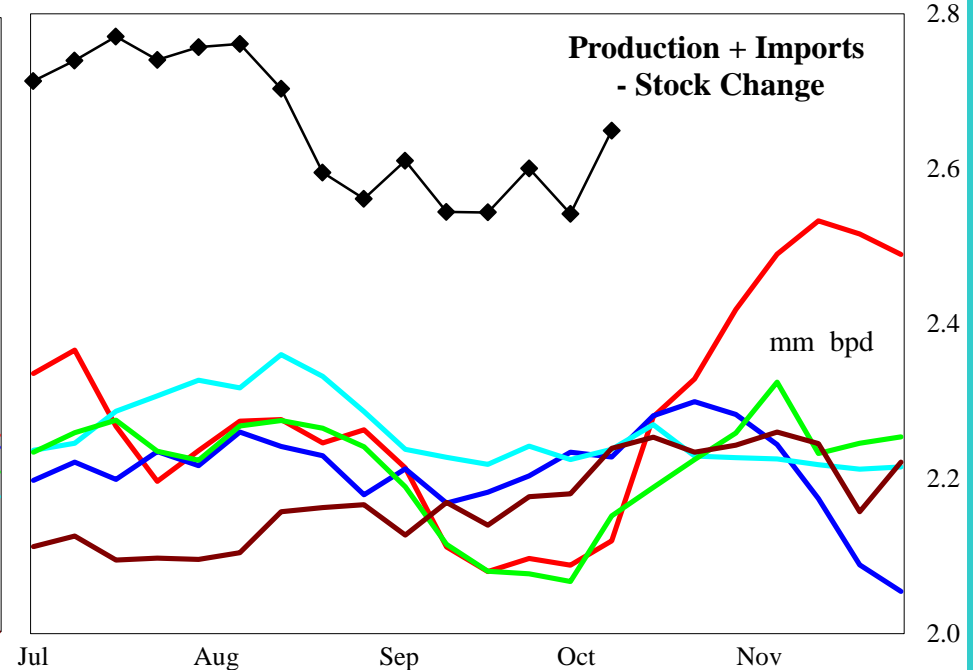
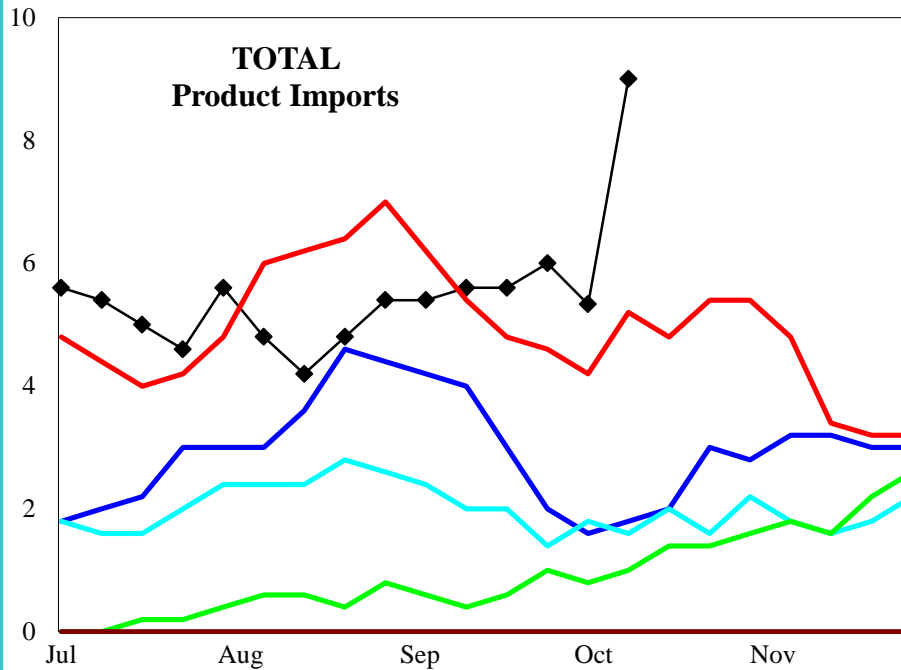
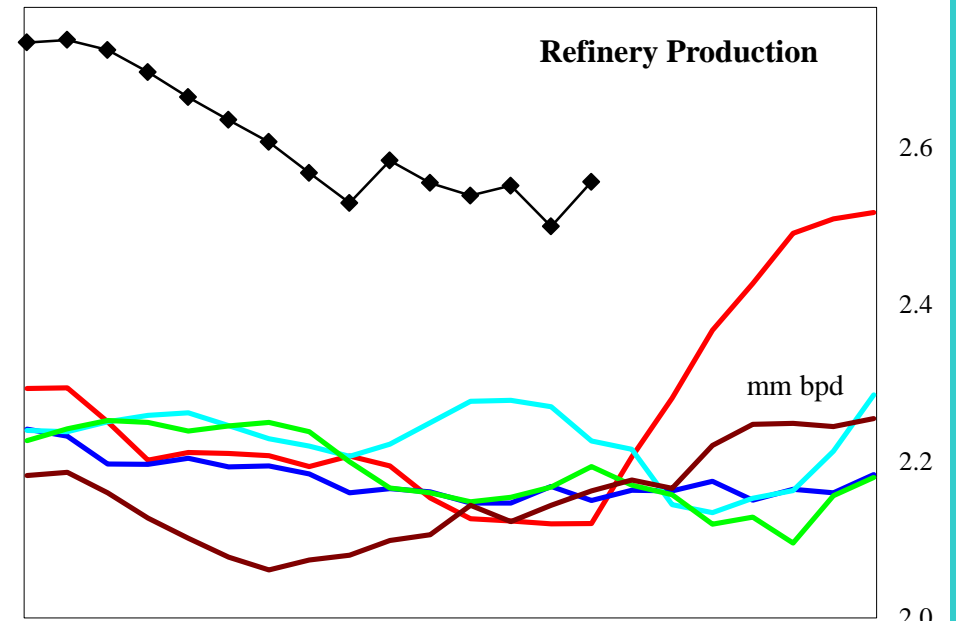
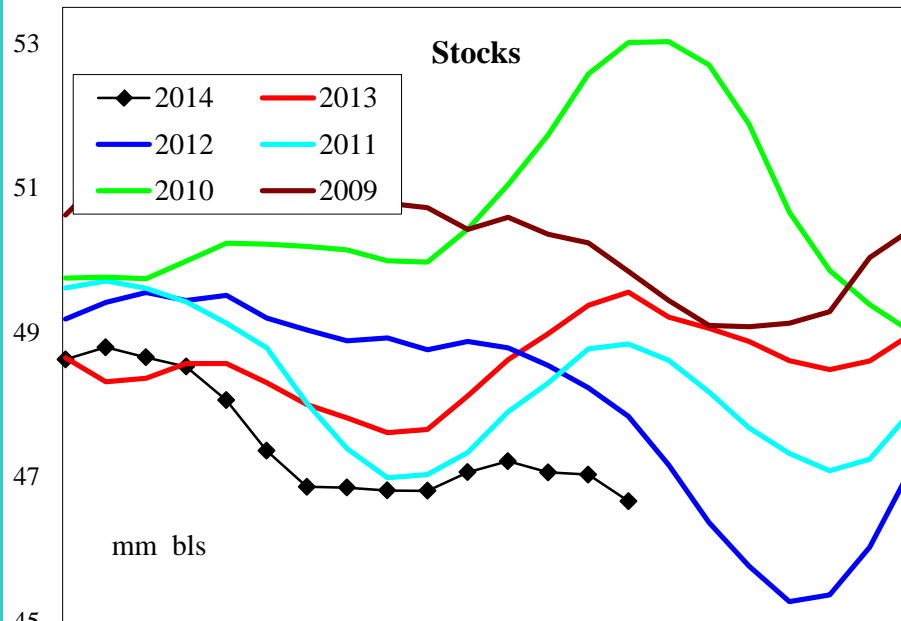
PADD 1 Residual Fuel Oil Supply



PADD 2 Crude Oil Supply and Refining



PADD 2 Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-2,890

-5.8

Production

451

21.2

Imports

2

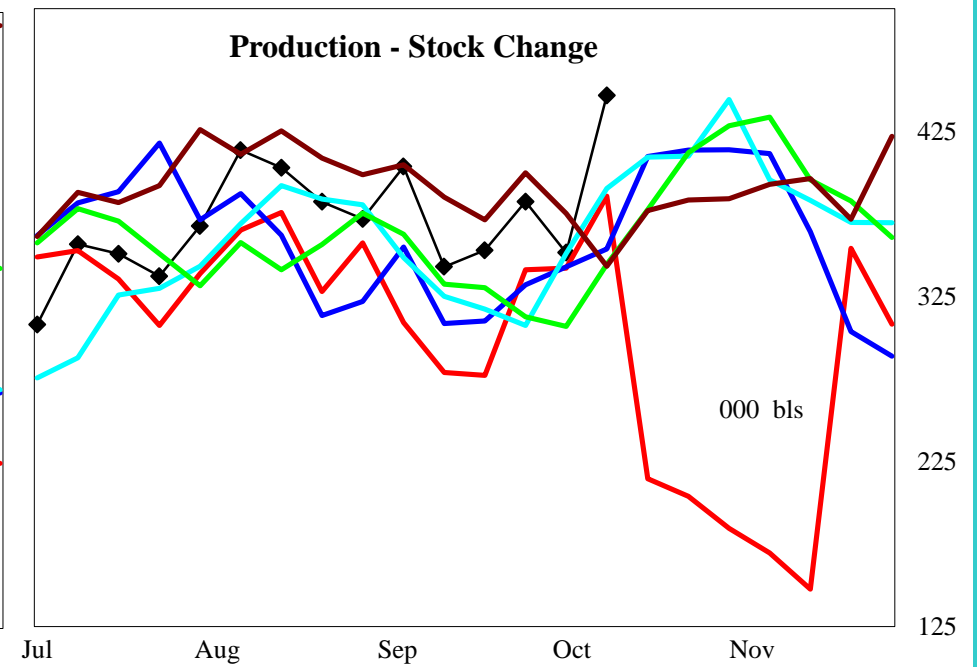
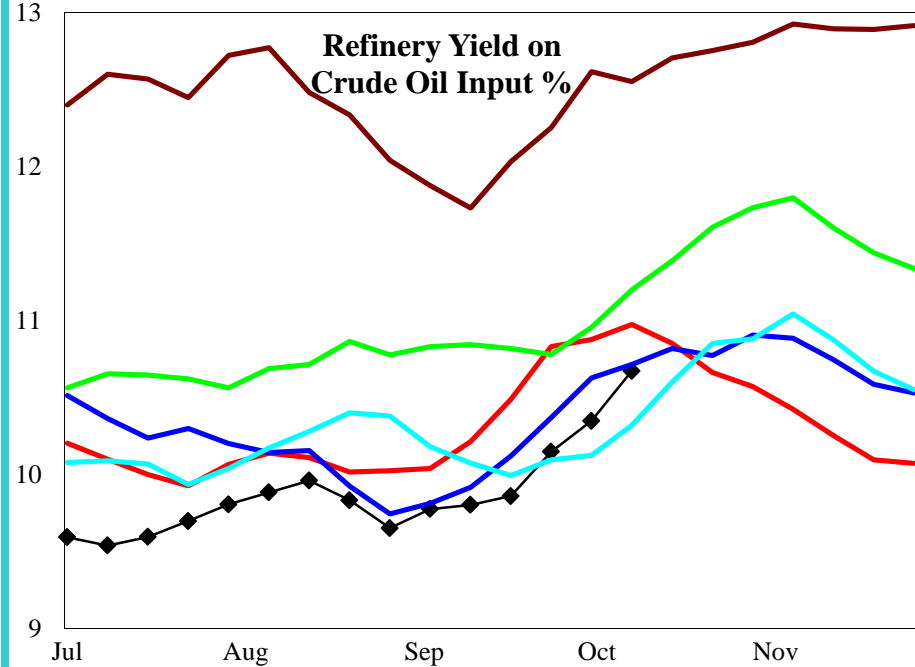
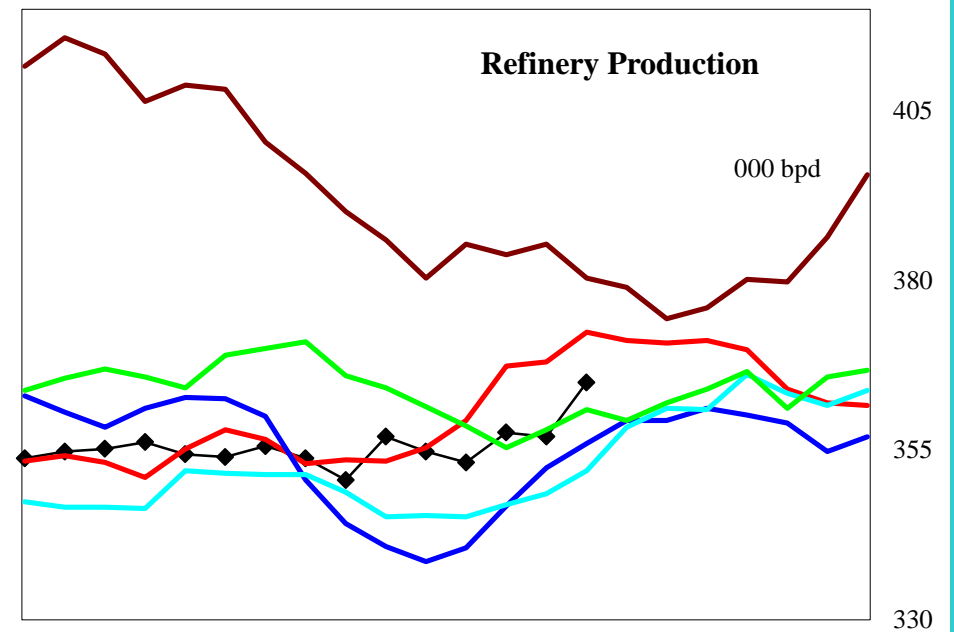
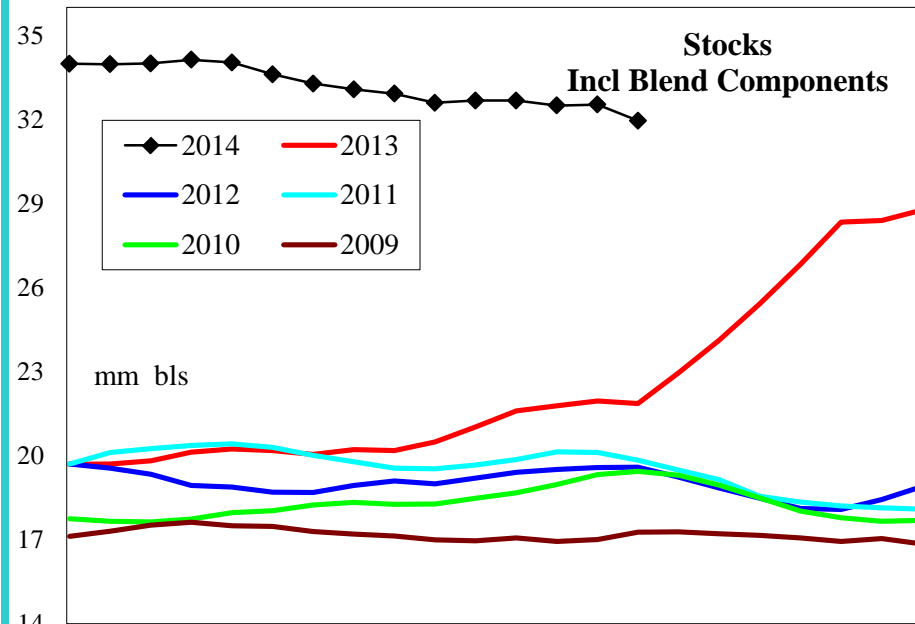
37.5

Prod + Imp - Stk chg

534

25.8

PADD 2 Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bbls stks)

% change

Stocks

10,094

46.2

Production

-9

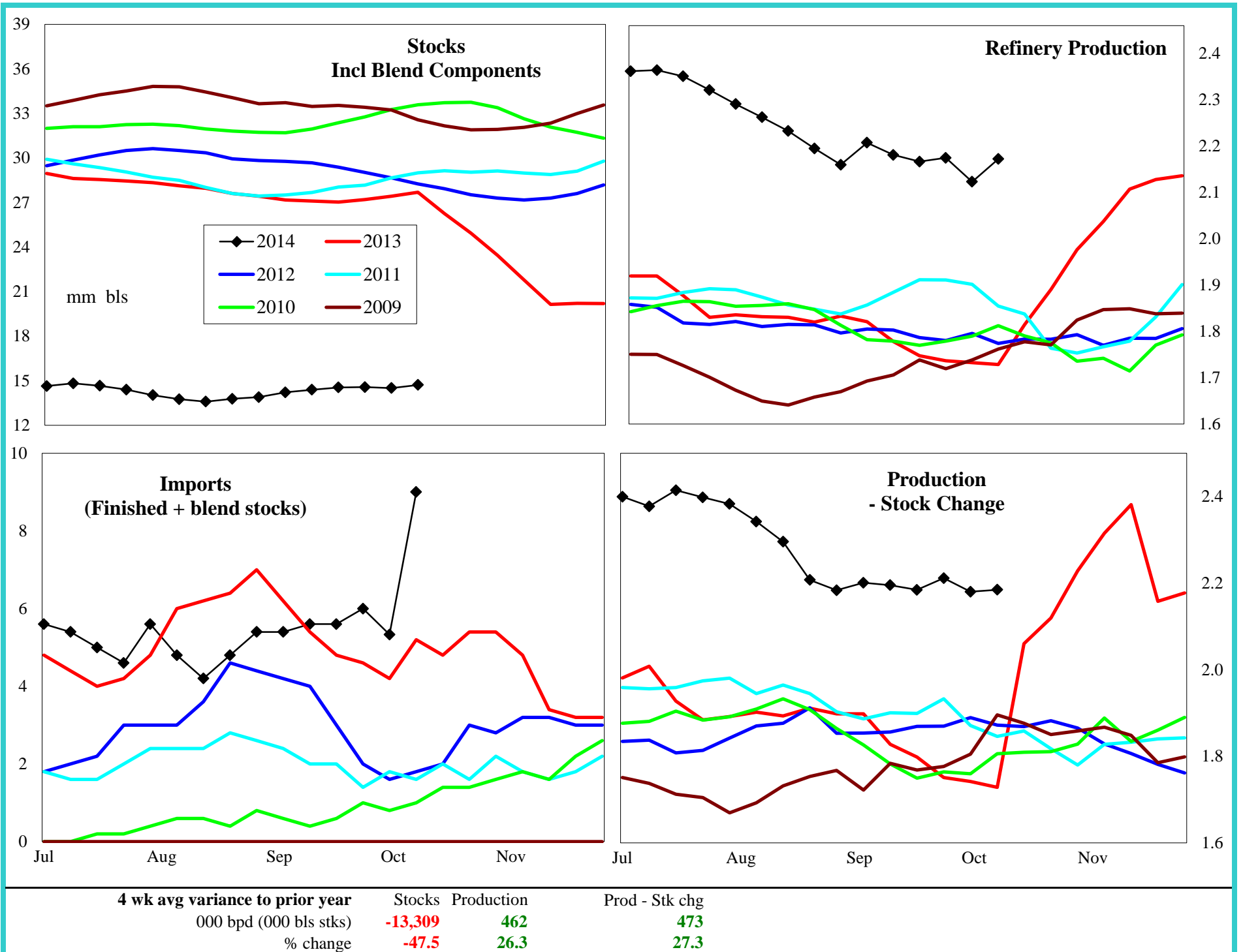
-2.3

Prod - Stk chg

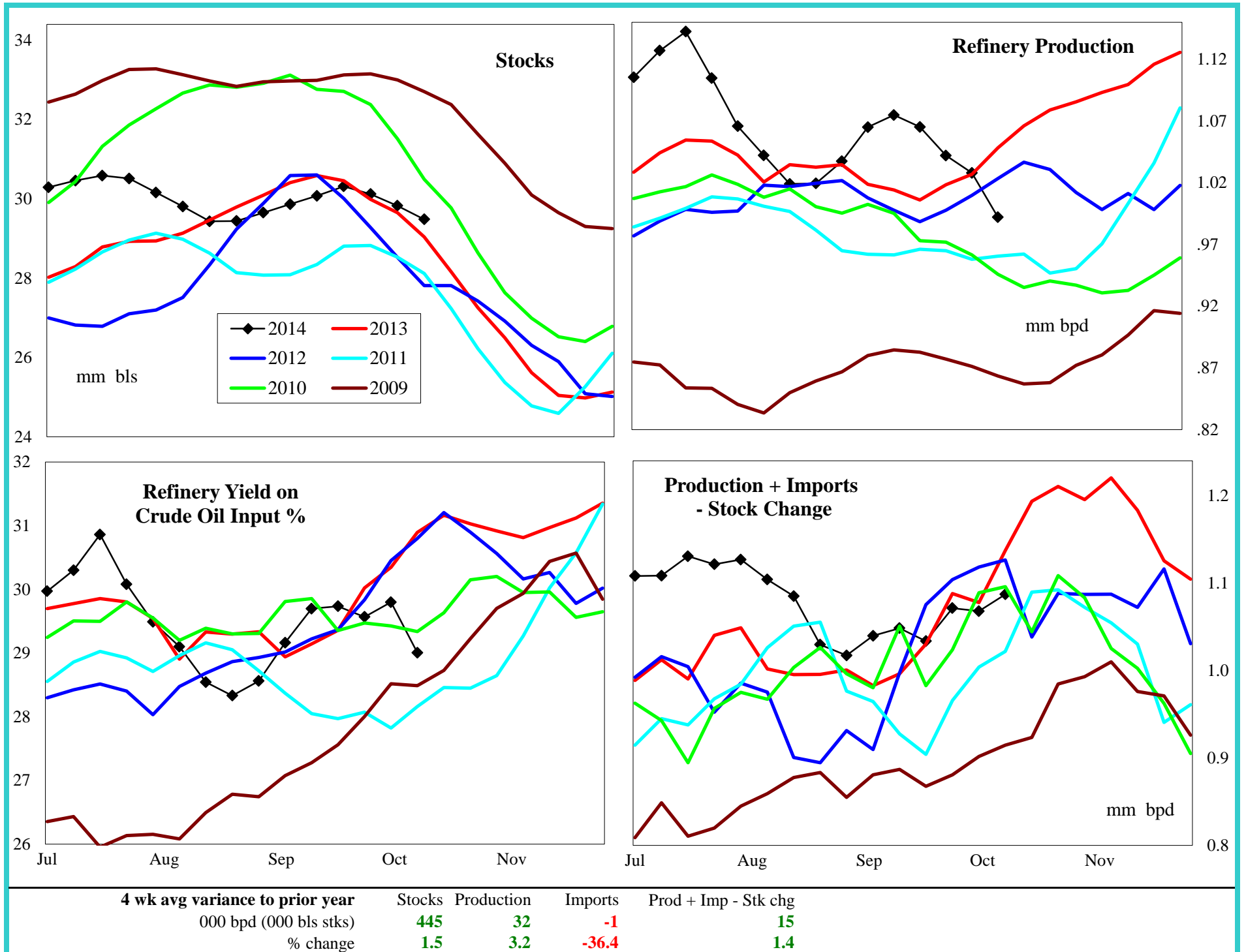
47

13.9

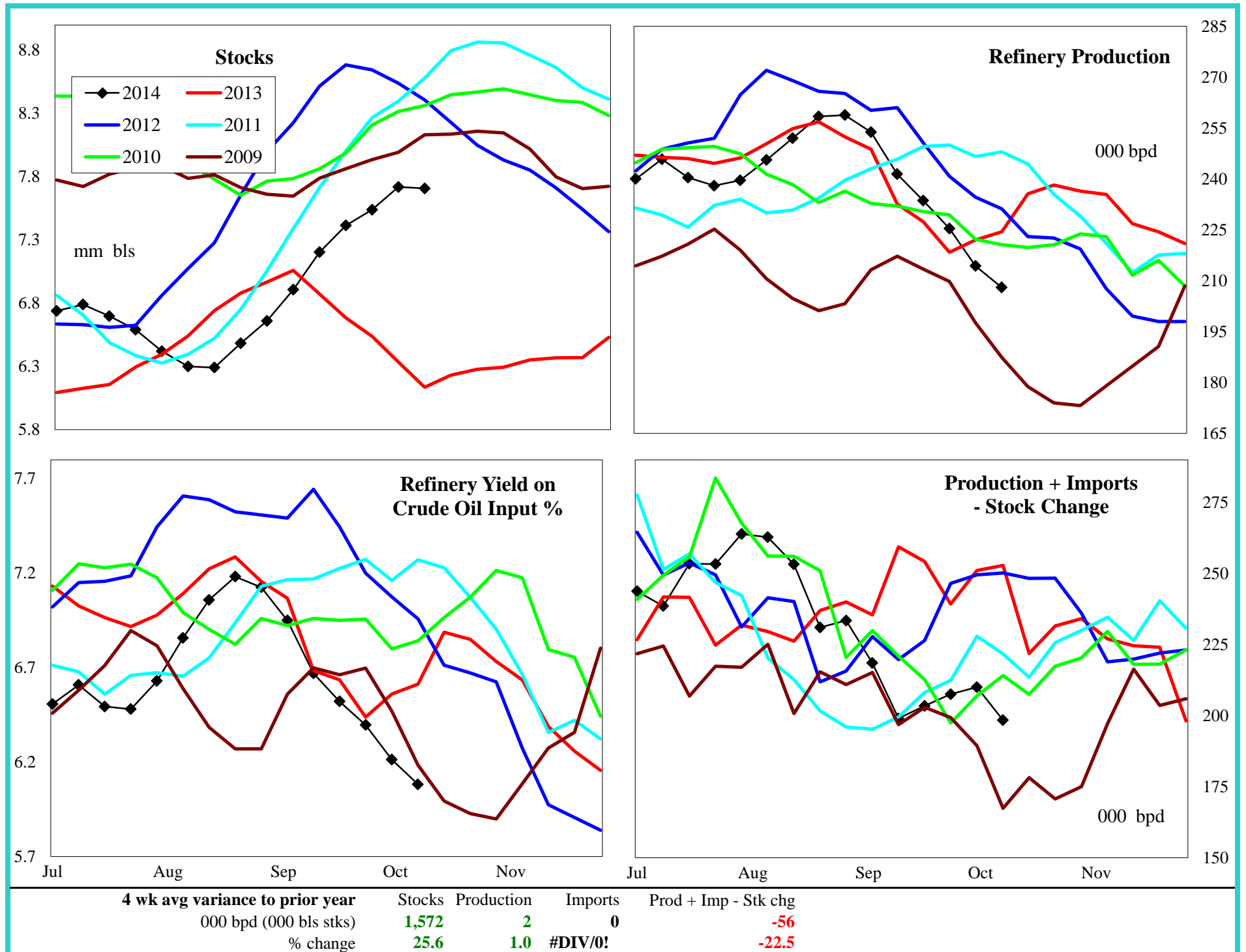
PADD 2 Conventional Gasoline Supply



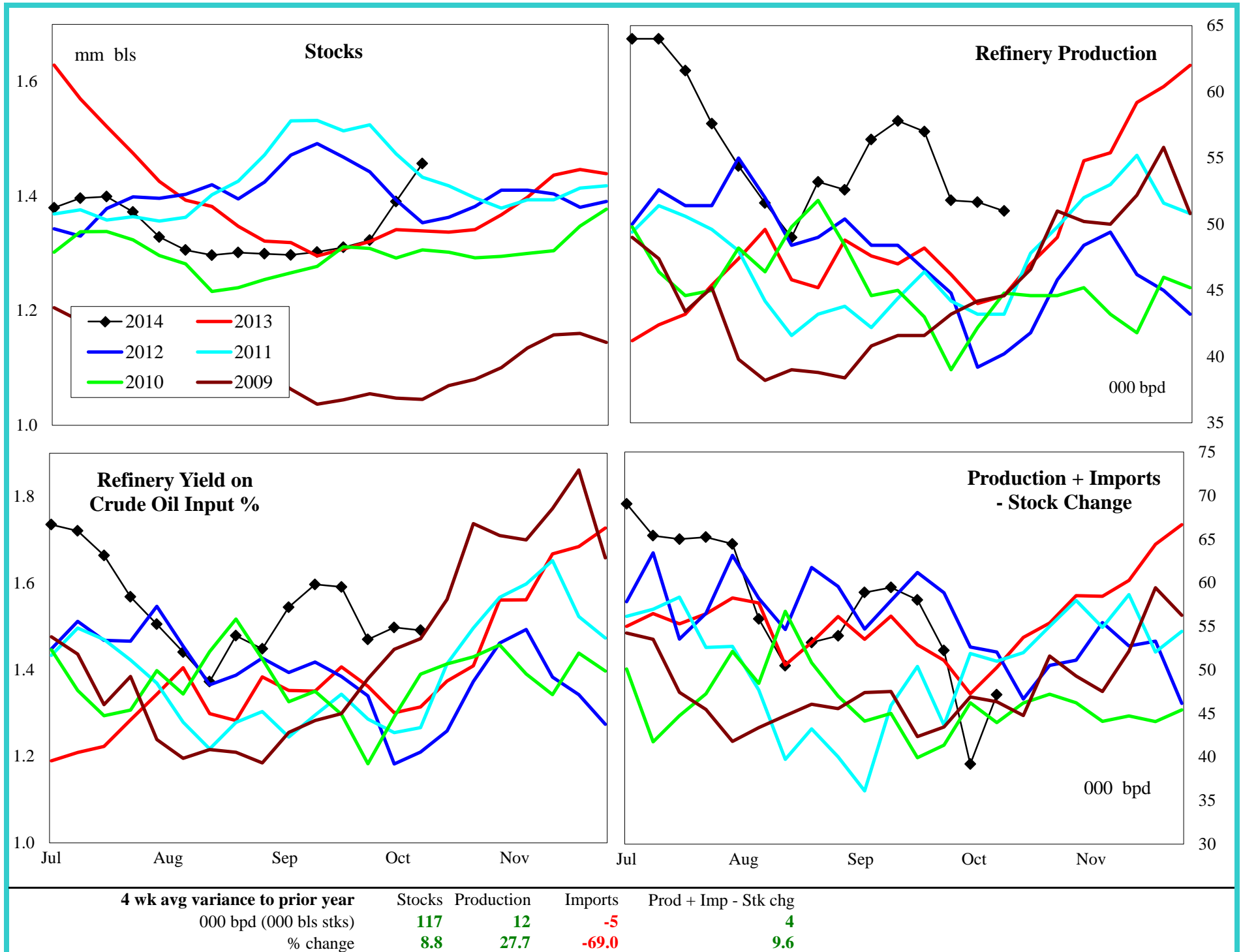
PADD 2 Distillate Supply



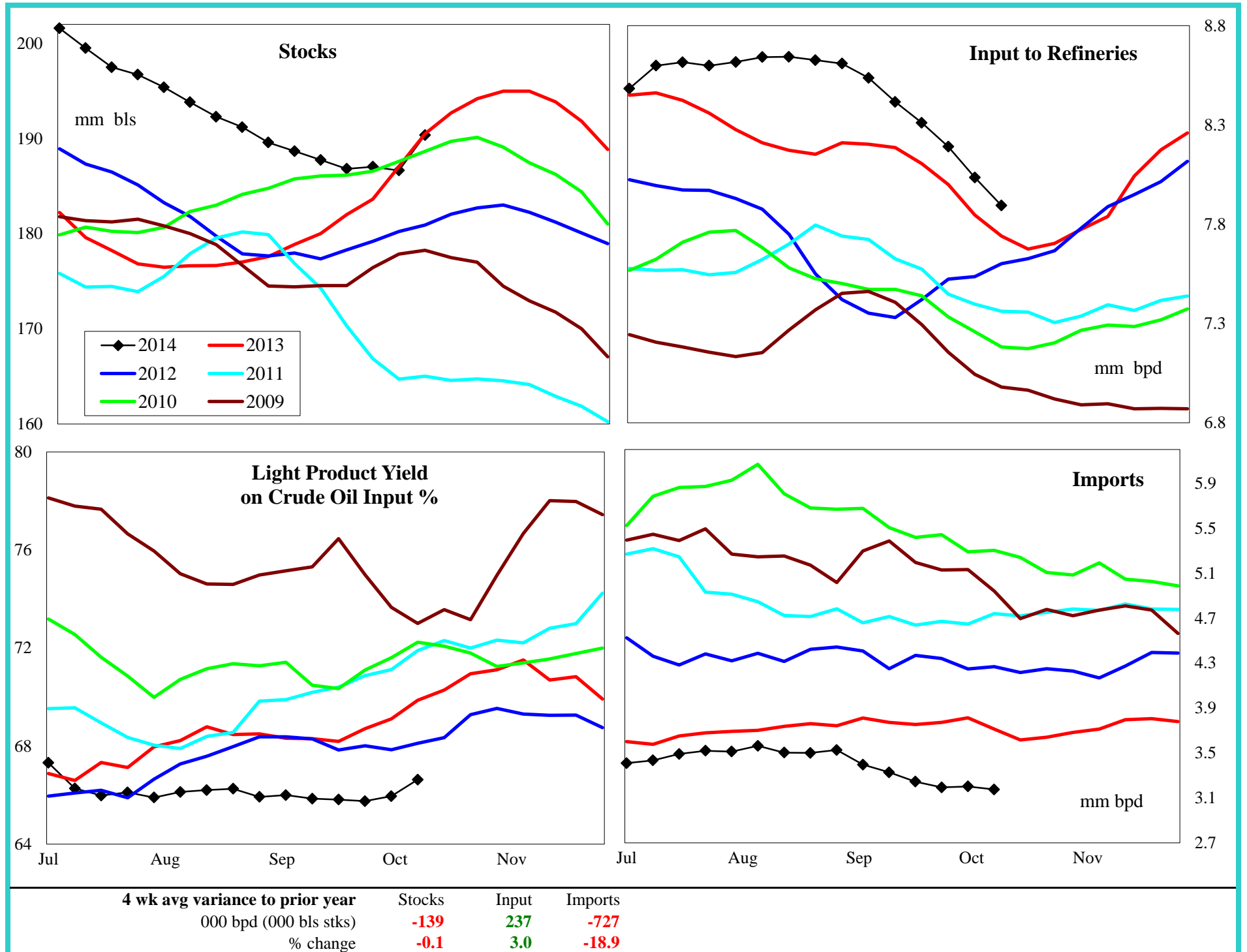
PADD 2 Jet Fuel Supply



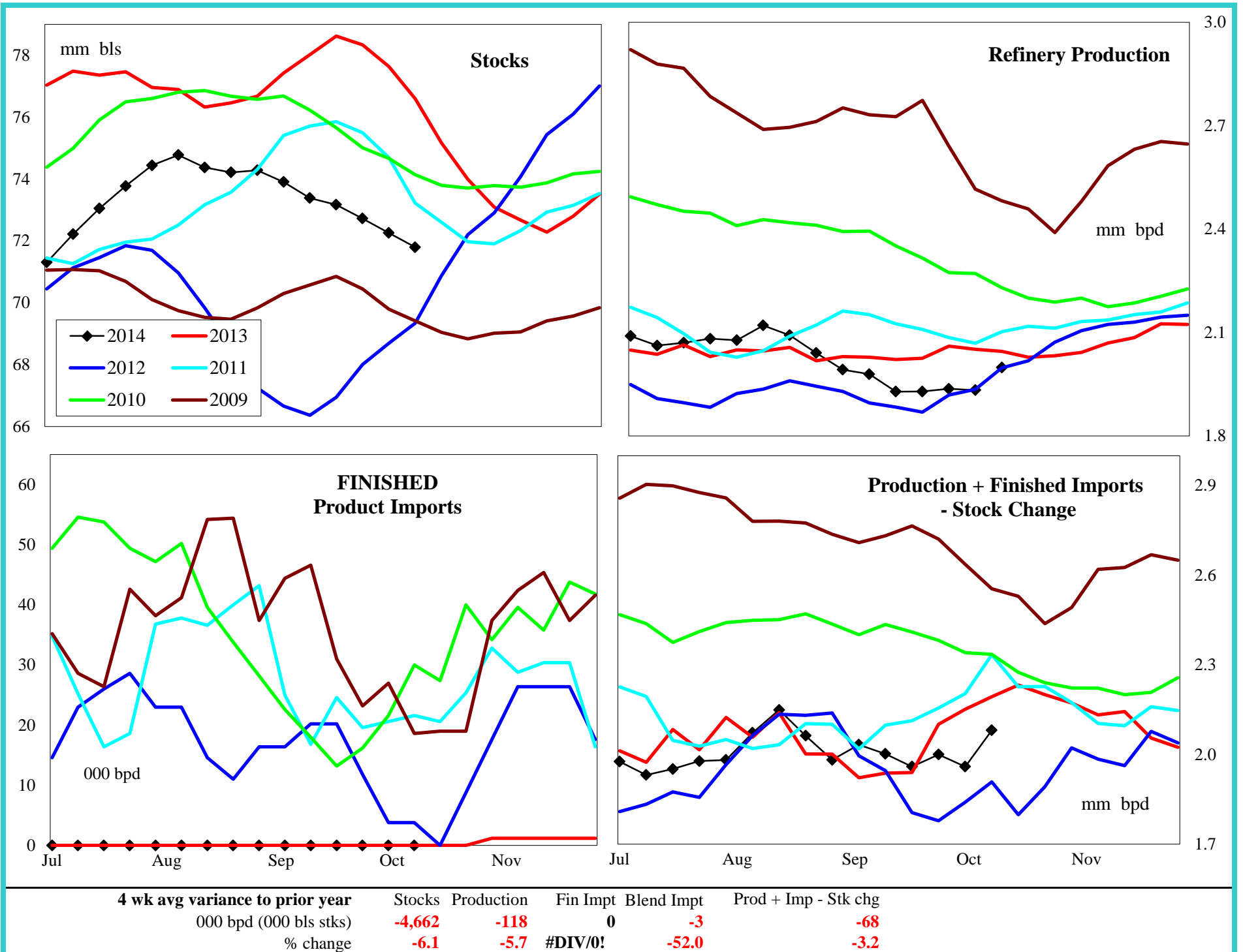
PADD 2 Residual Fuel Oil Supply



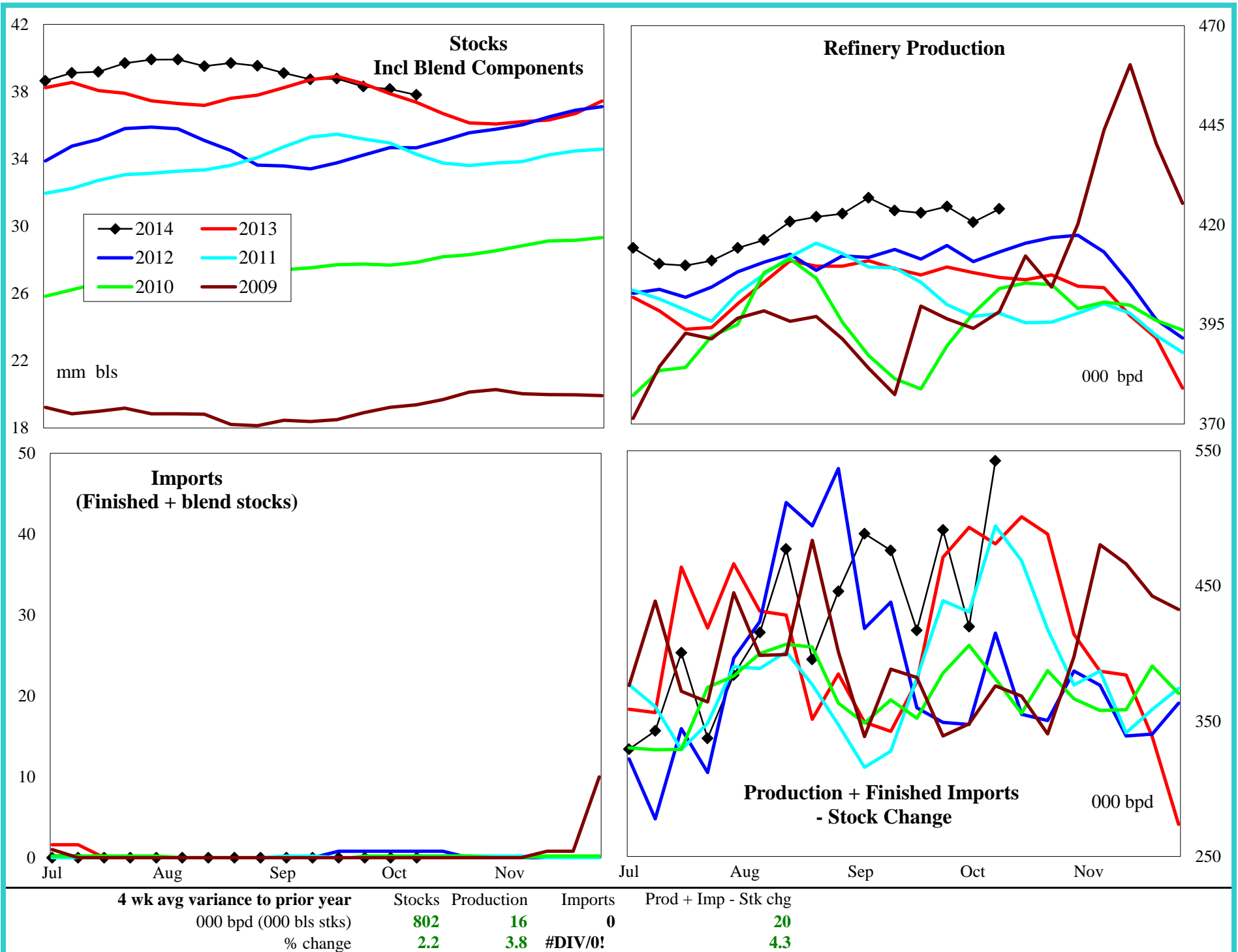
PADD 3 Crude Oil Supply and Refining



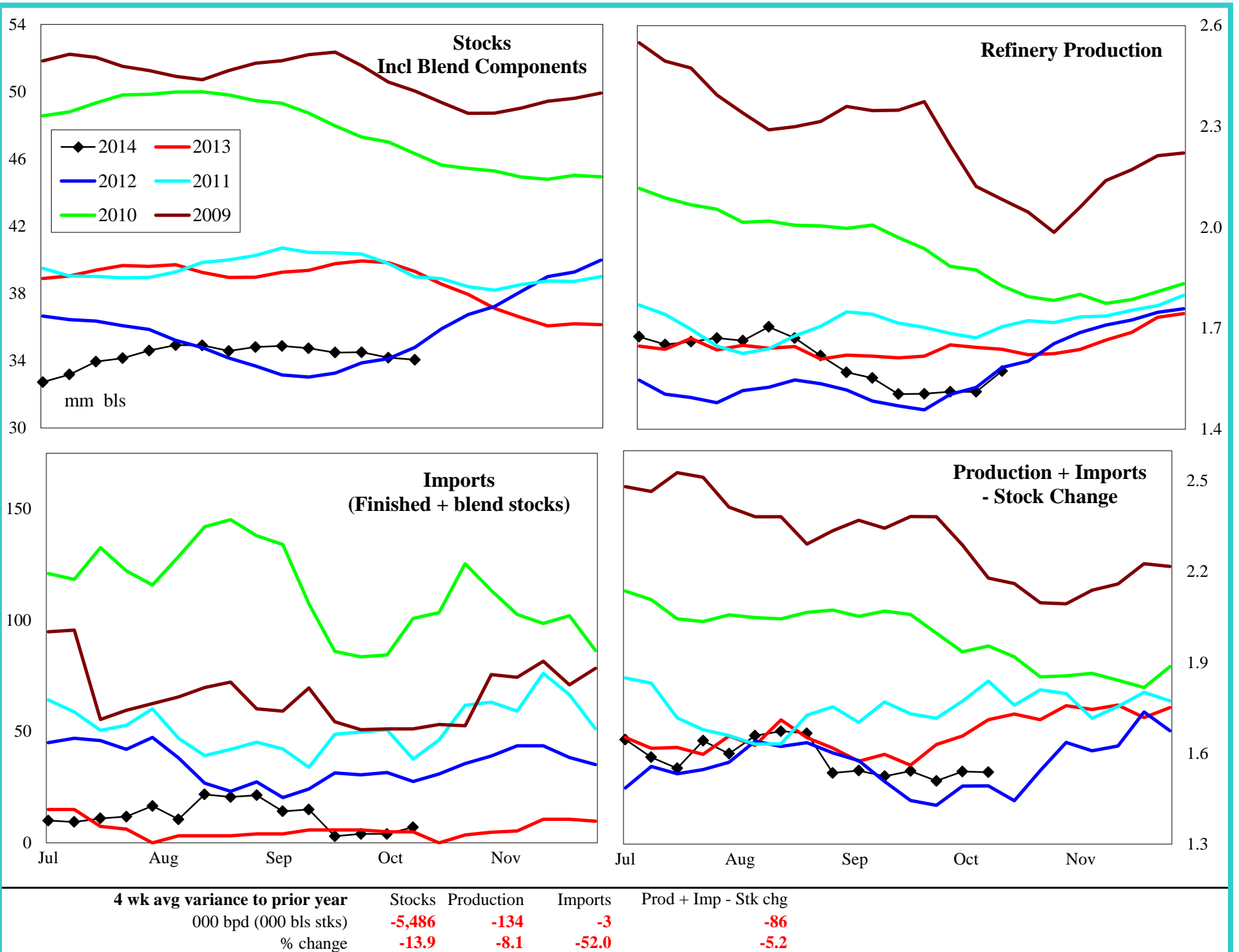
PADD 3 Gasoline Supply



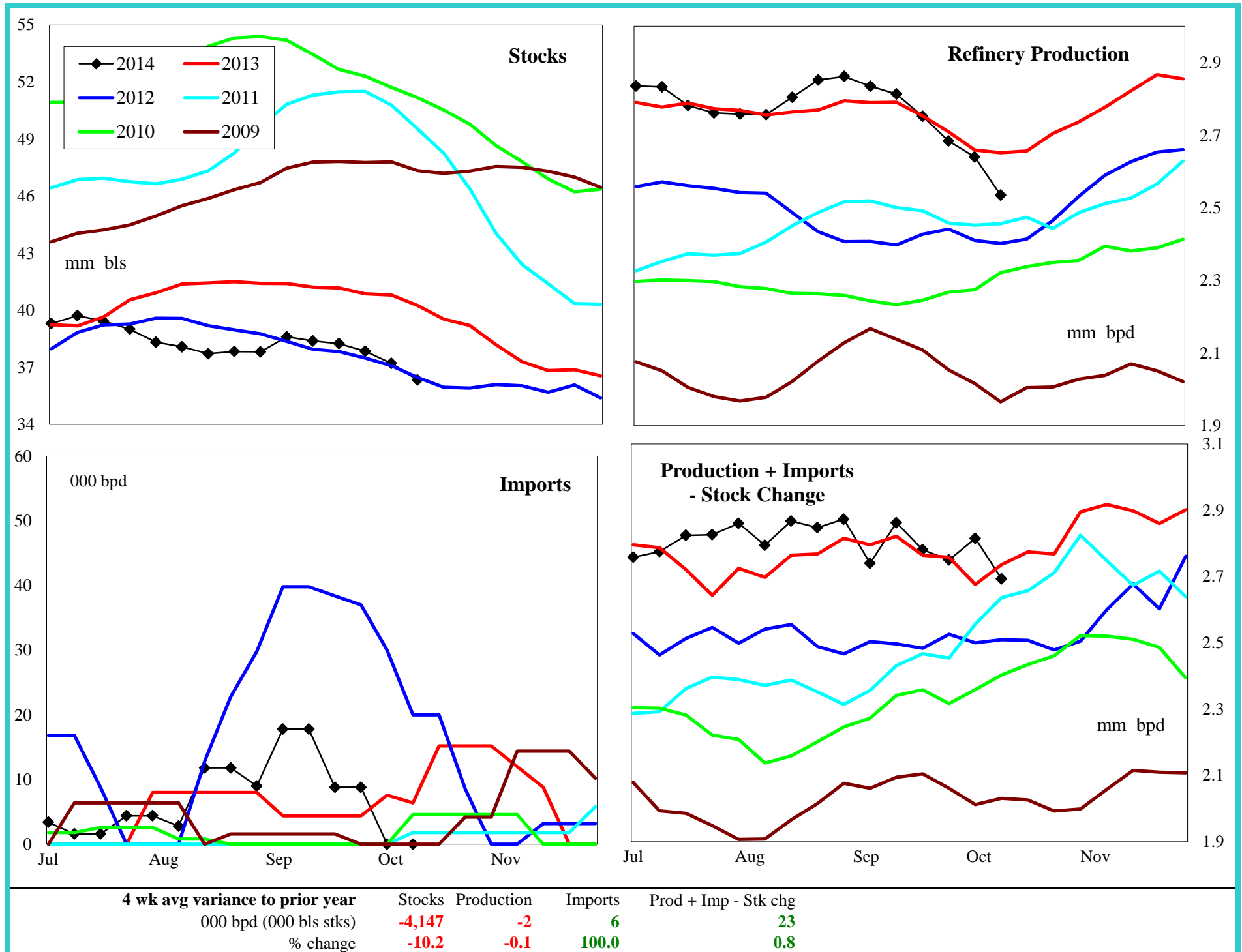
PADD 3 Reformulated Gasoline Supply



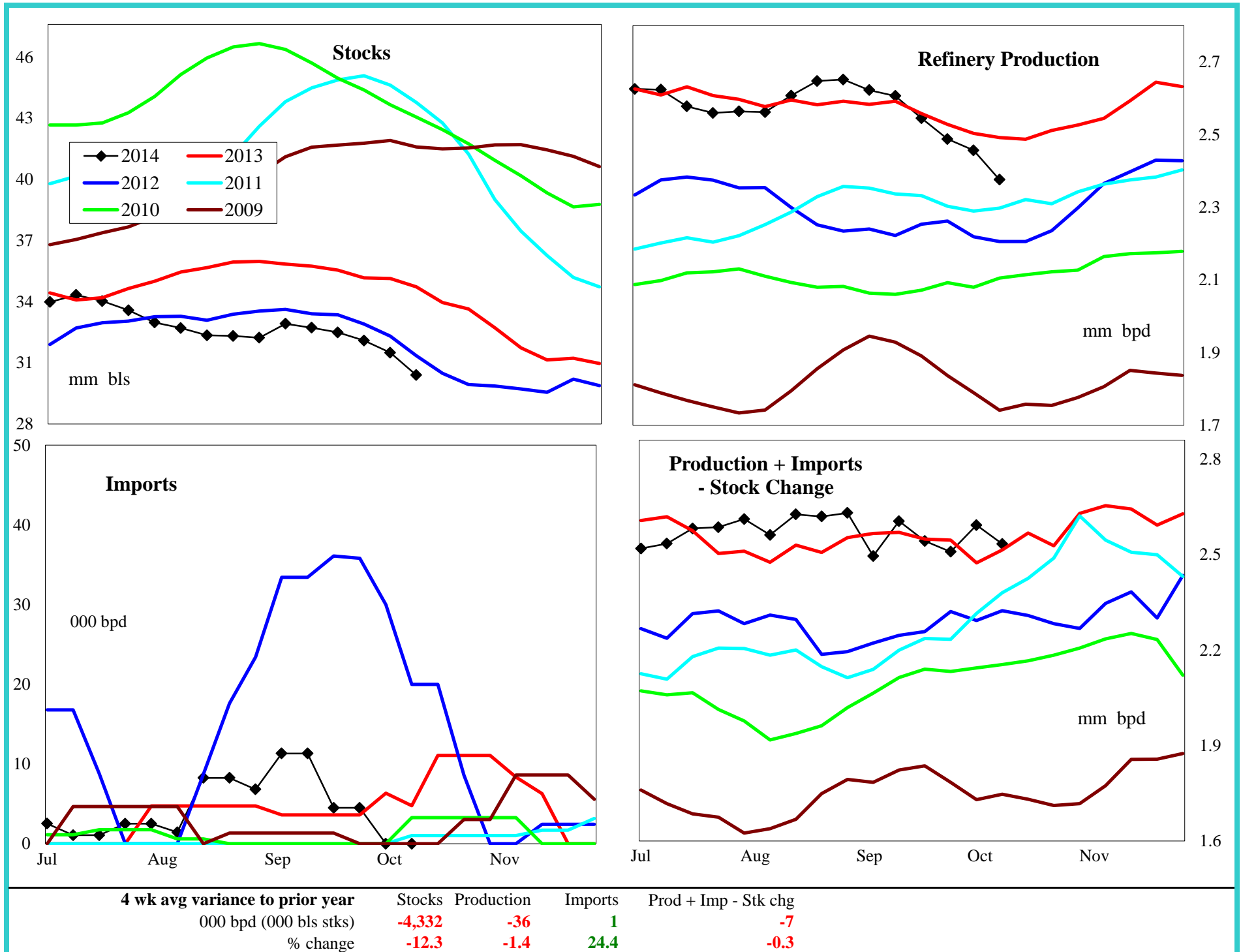
PADD 3 Conventional Gasoline Supply



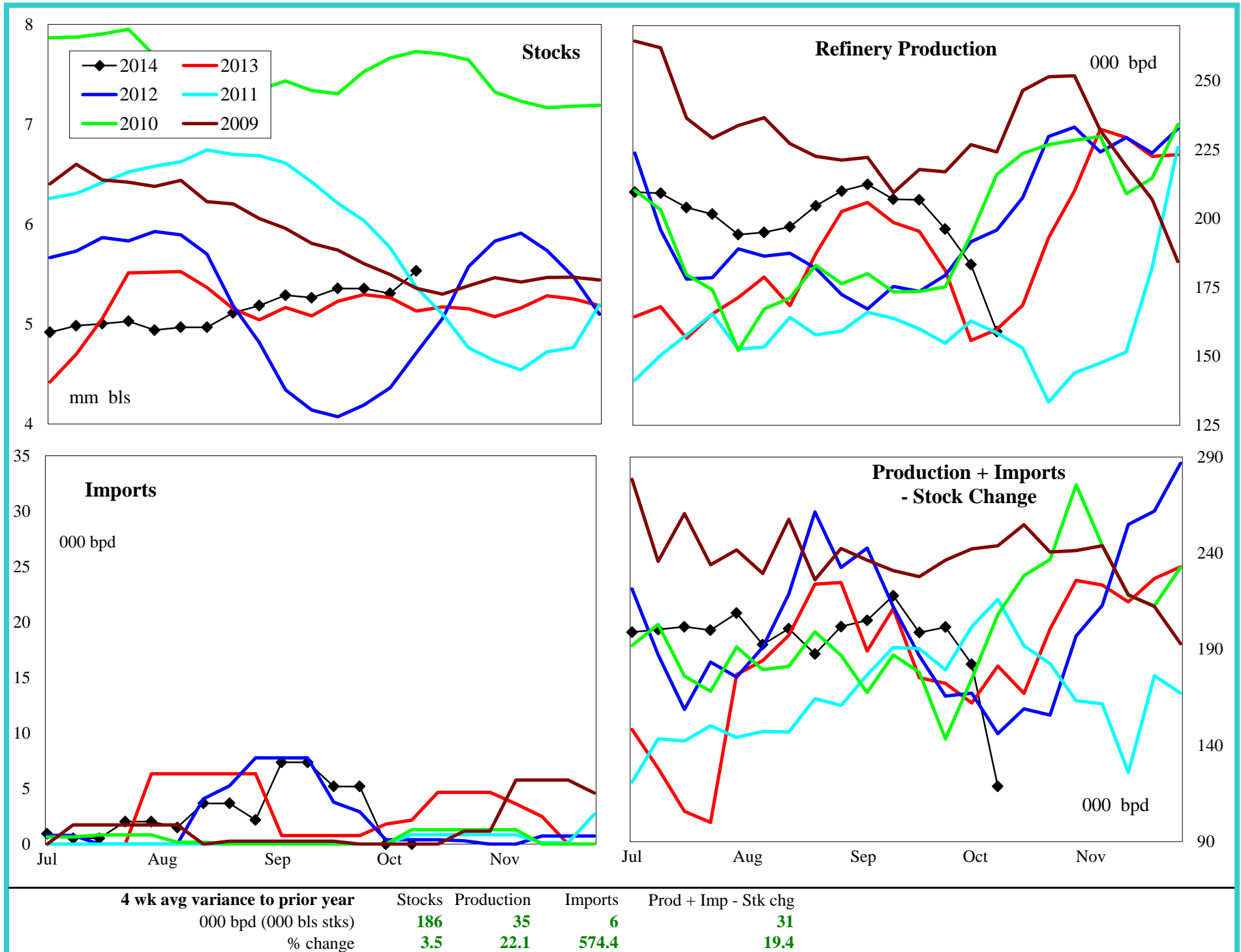
PADD 3 Distillate Supply



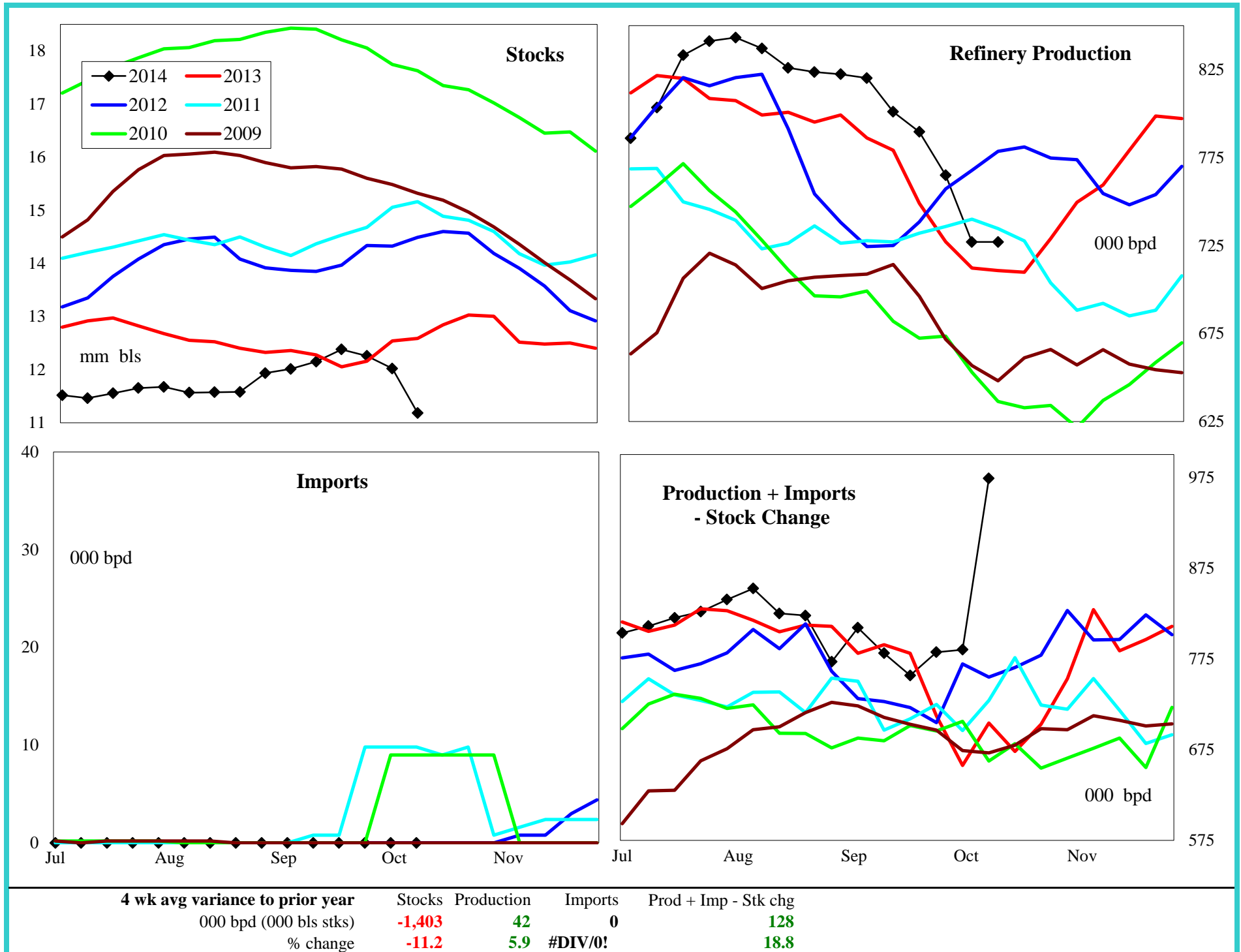
PADD 3 Low Sulfur Distillate Supply



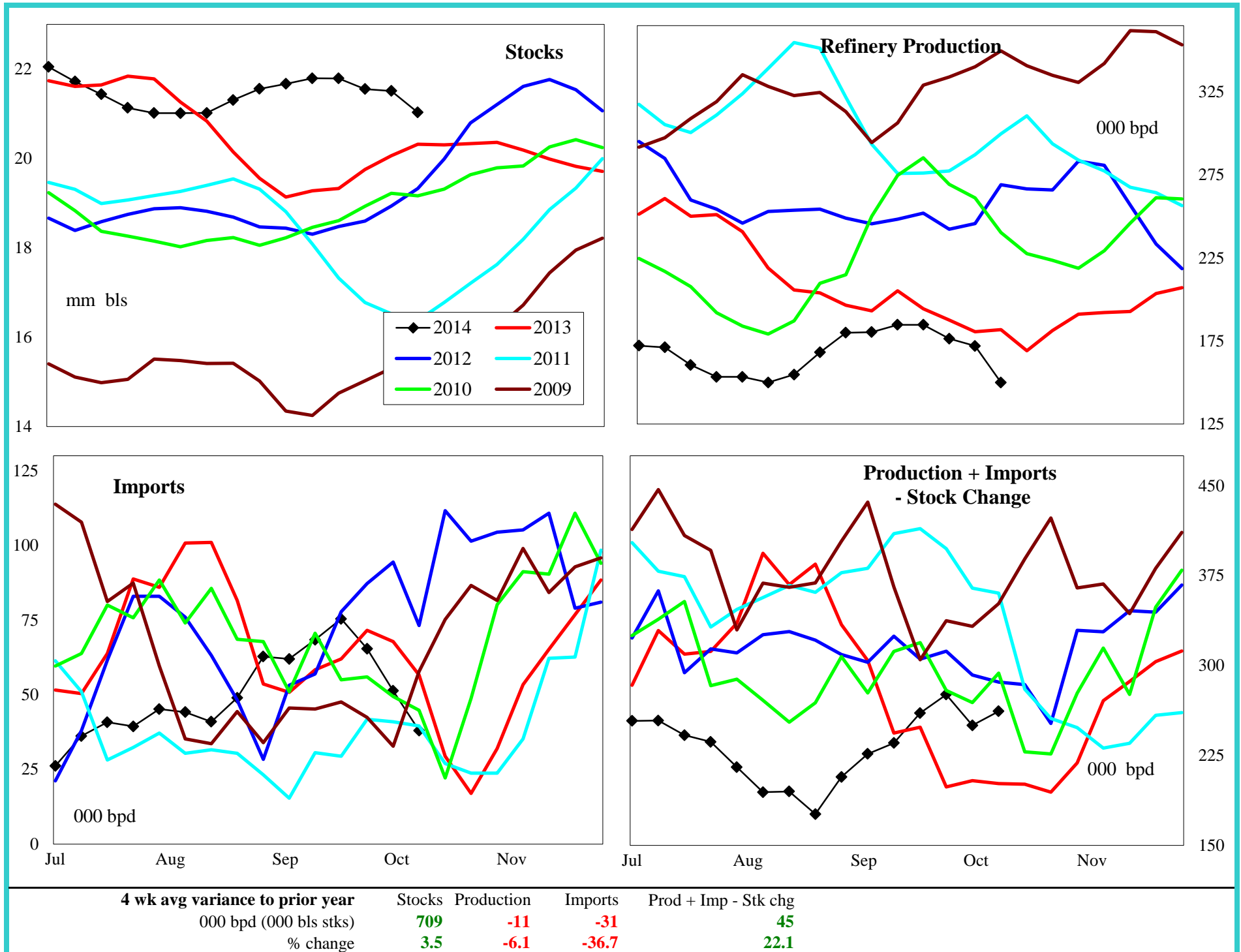
PADD 3 High Sulfur Distillate Supply



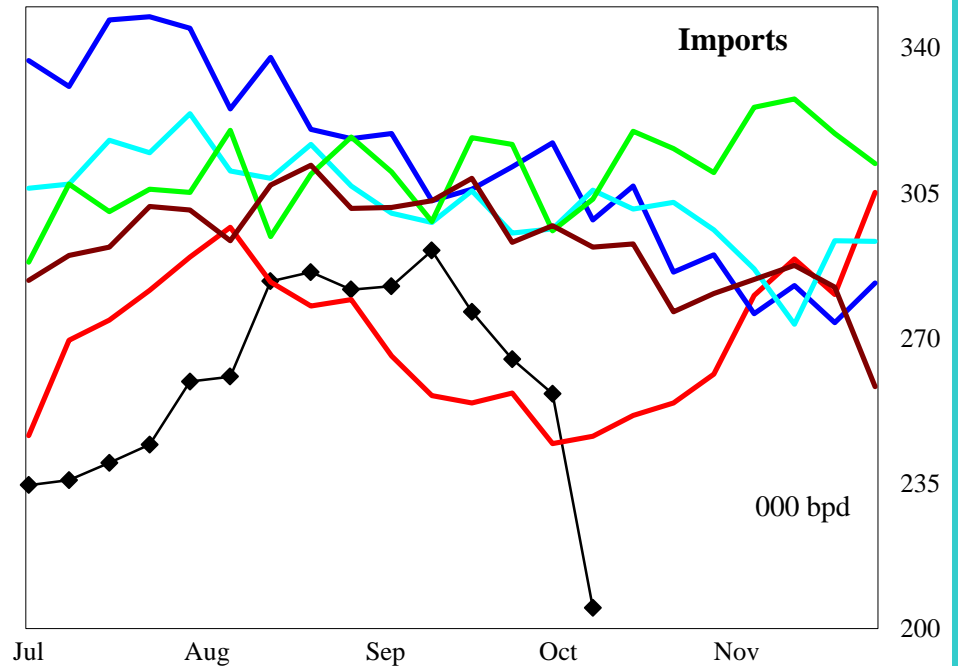
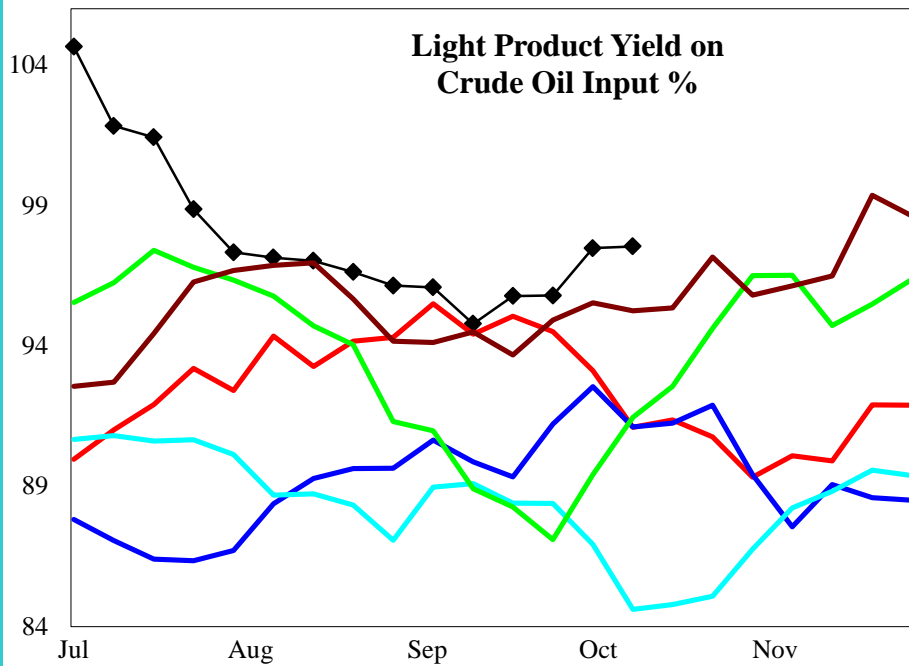
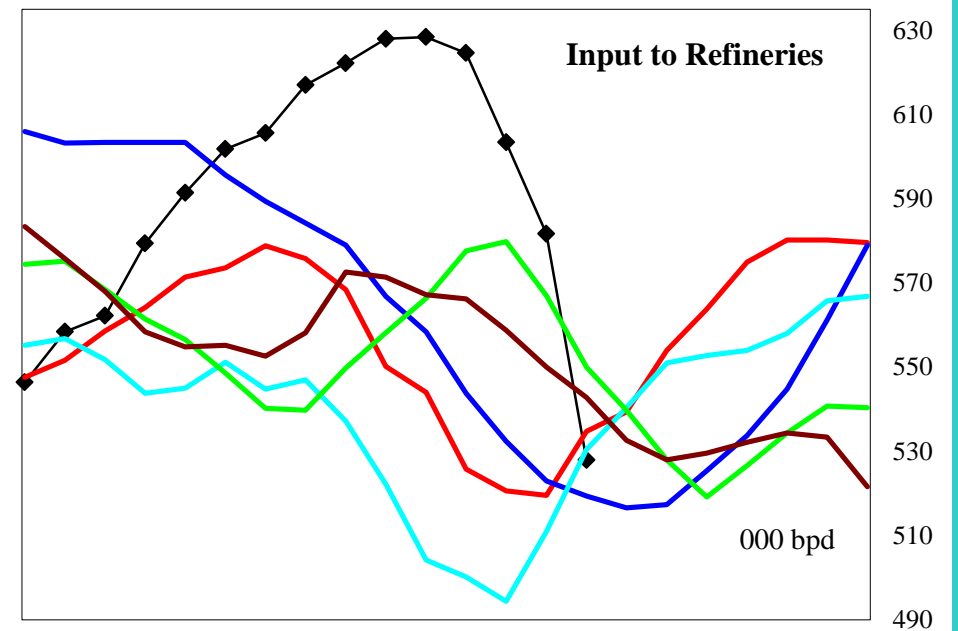
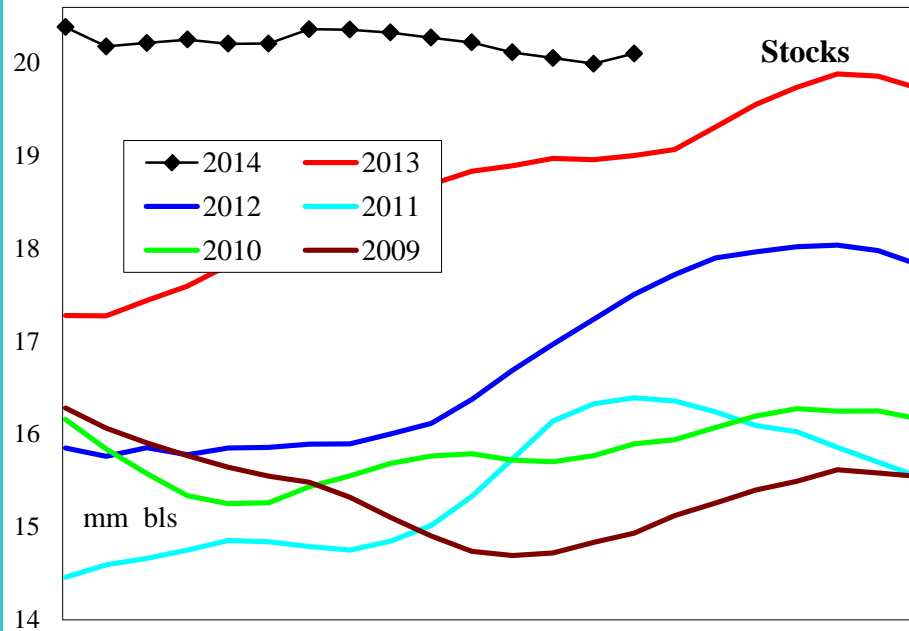
PADD 3 Jet Fuel Supply



PADD 3 Residual Fuel Oil Supply



PADD 4 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,101

5.7

Input

77

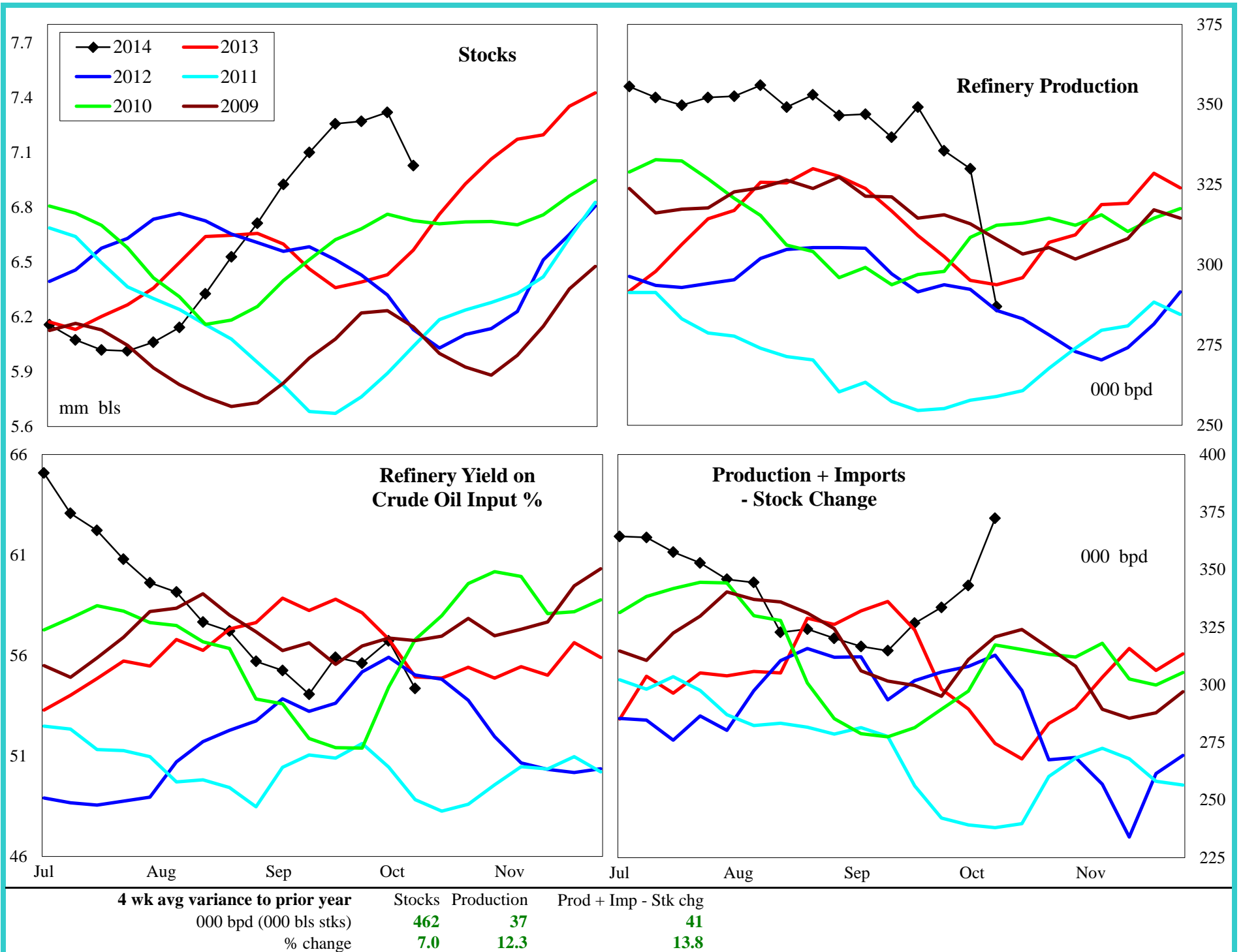
14.9

Imports

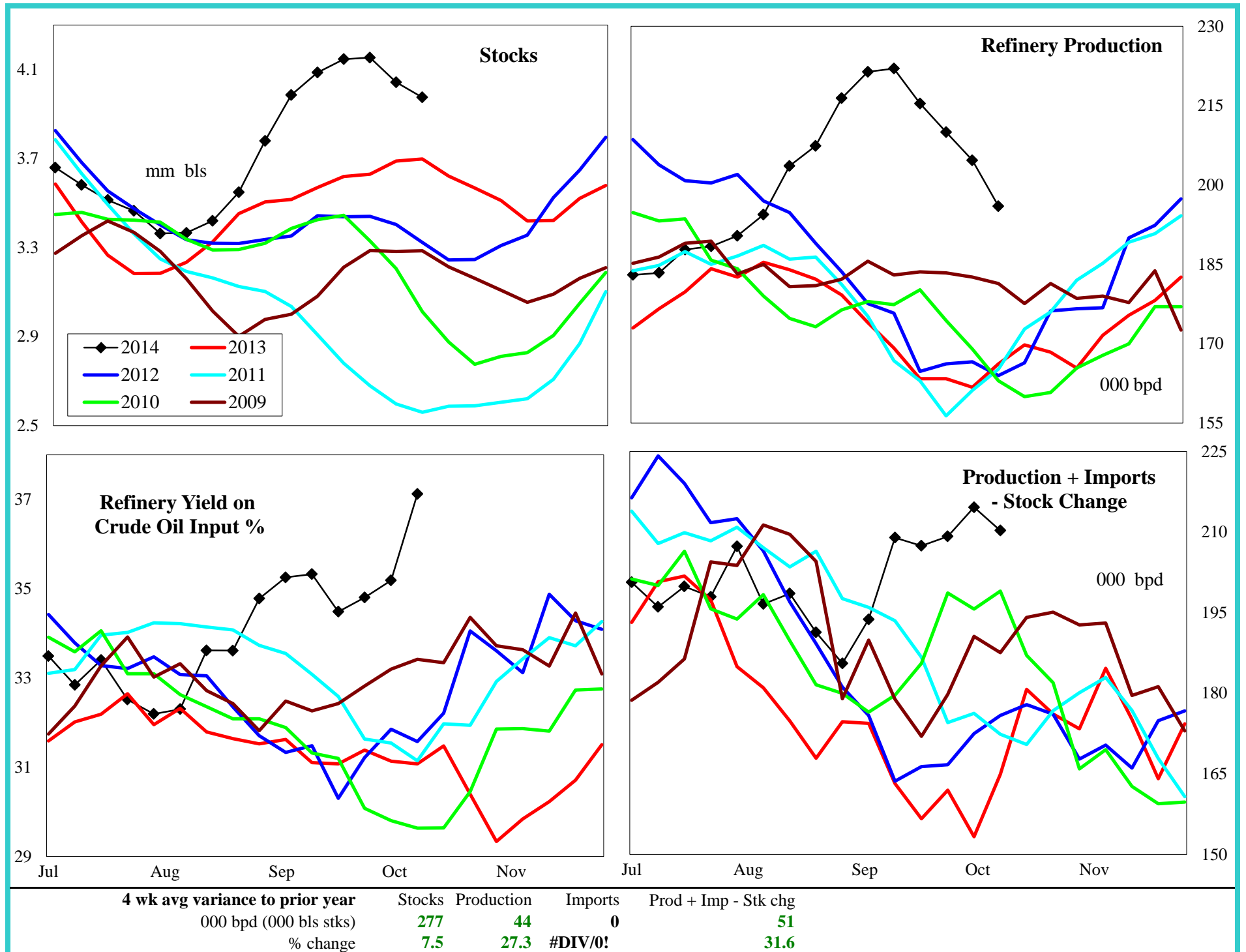
32

12.9

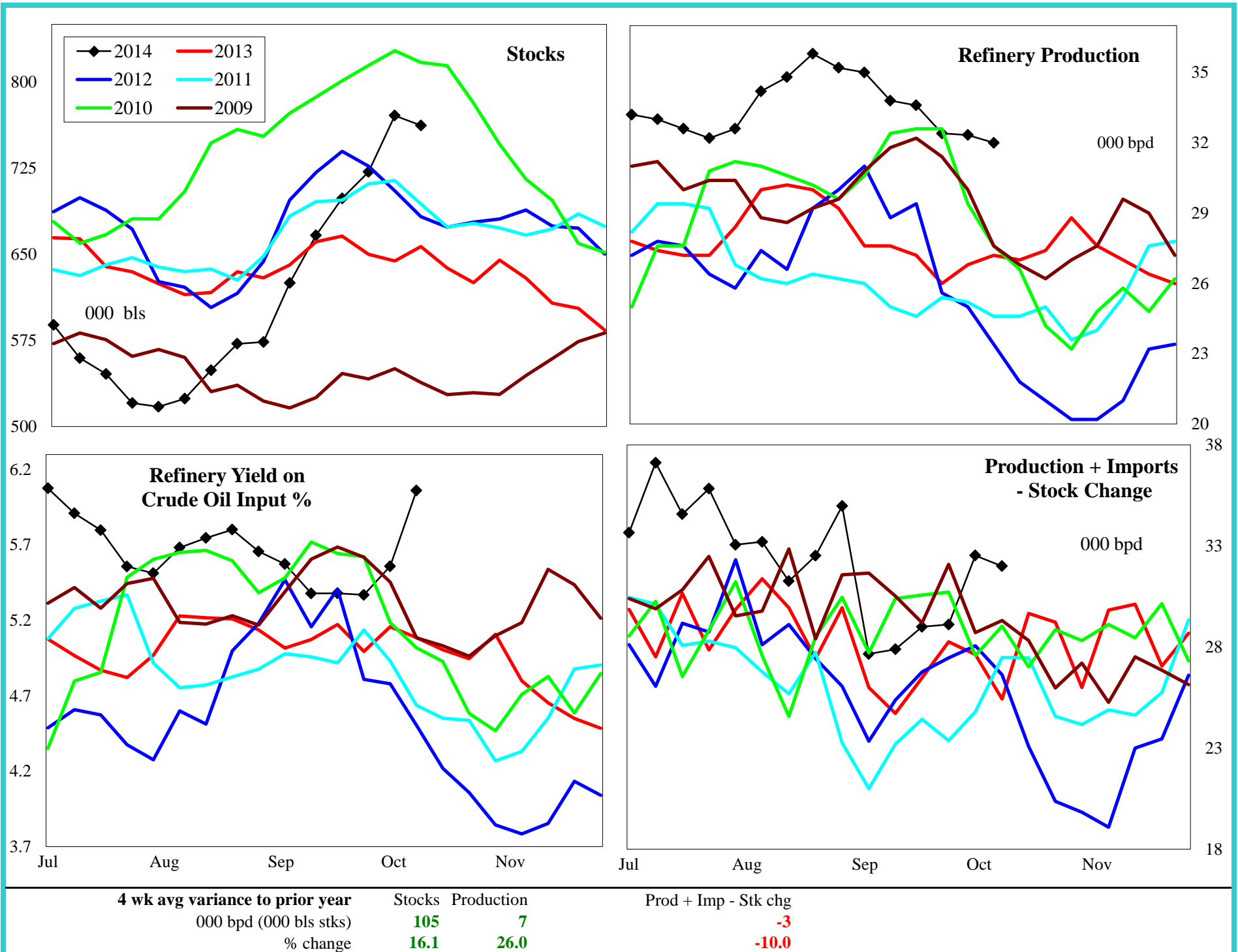
PADD 4 Gasoline Supply



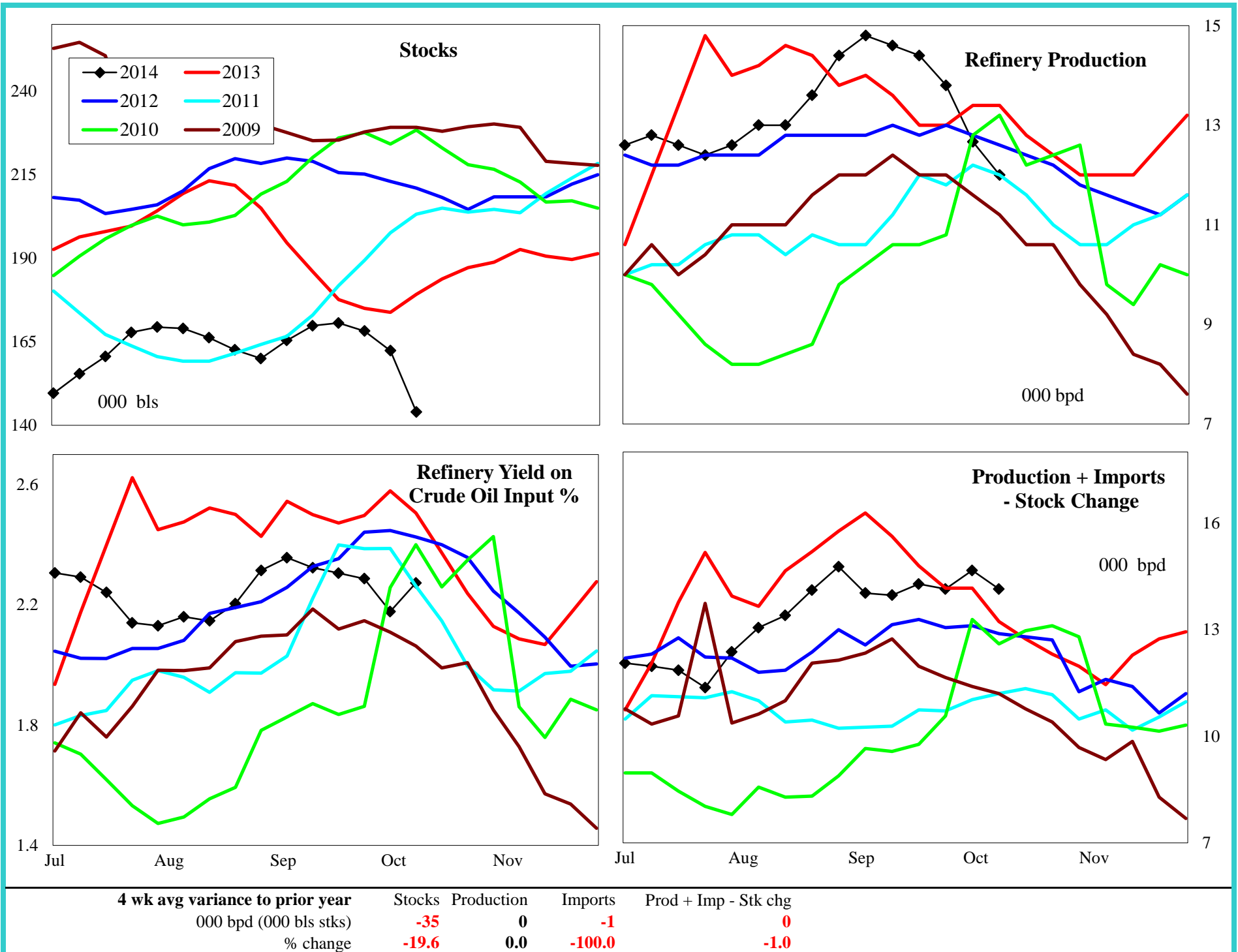
PADD 4 Distillate Supply



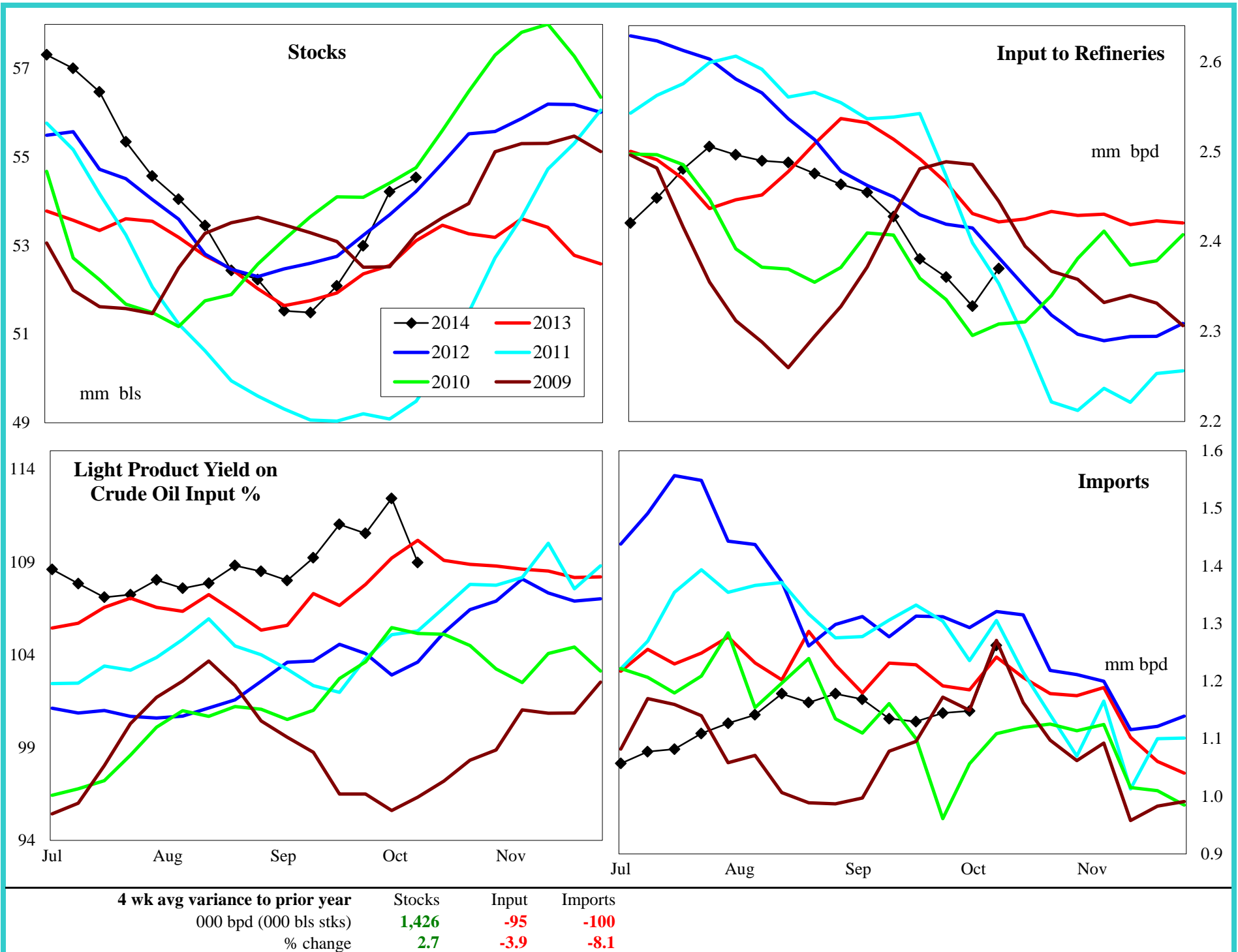
PADD 4 Jet Fuel Supply



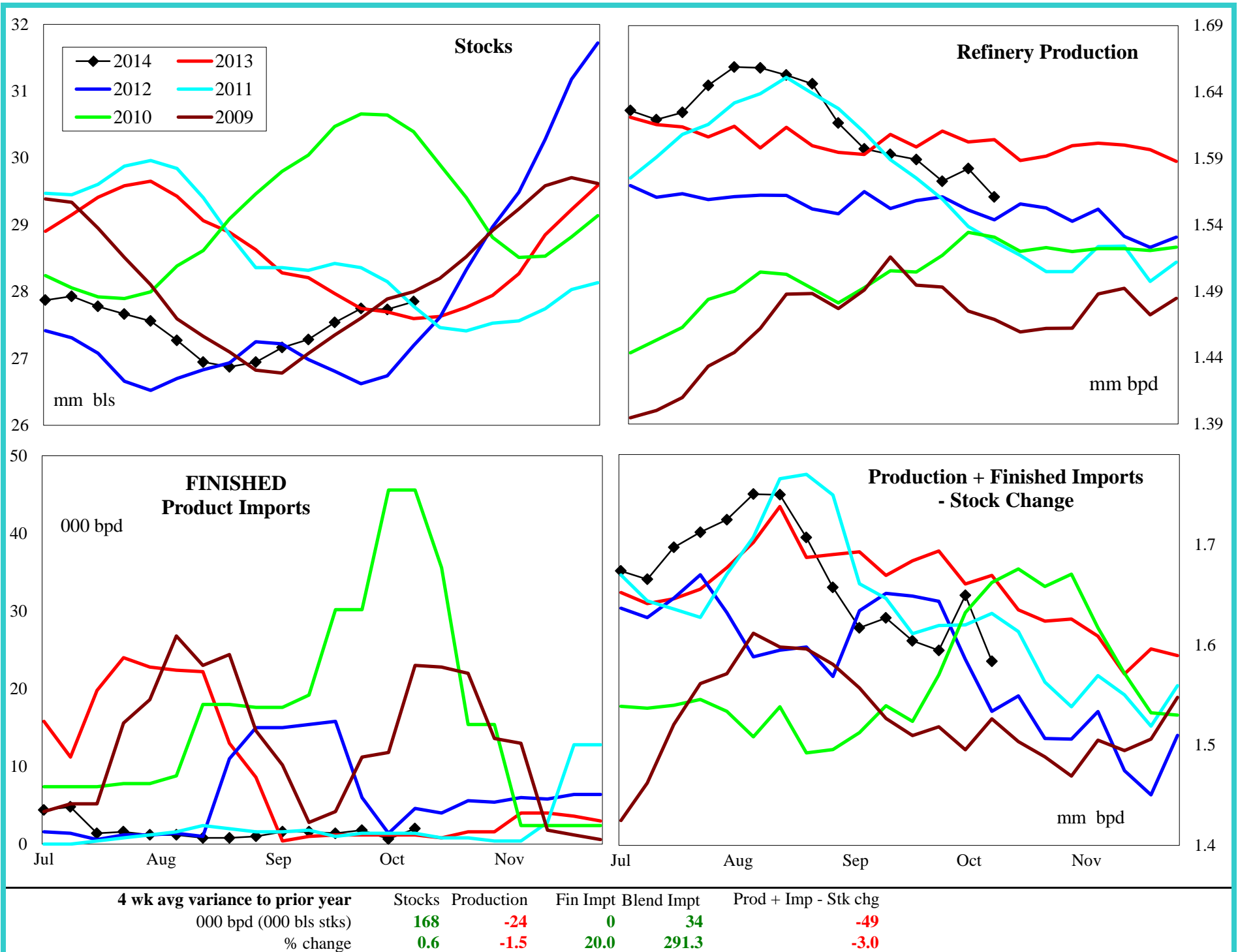
PADD 4 Residual Fuel Oil Supply



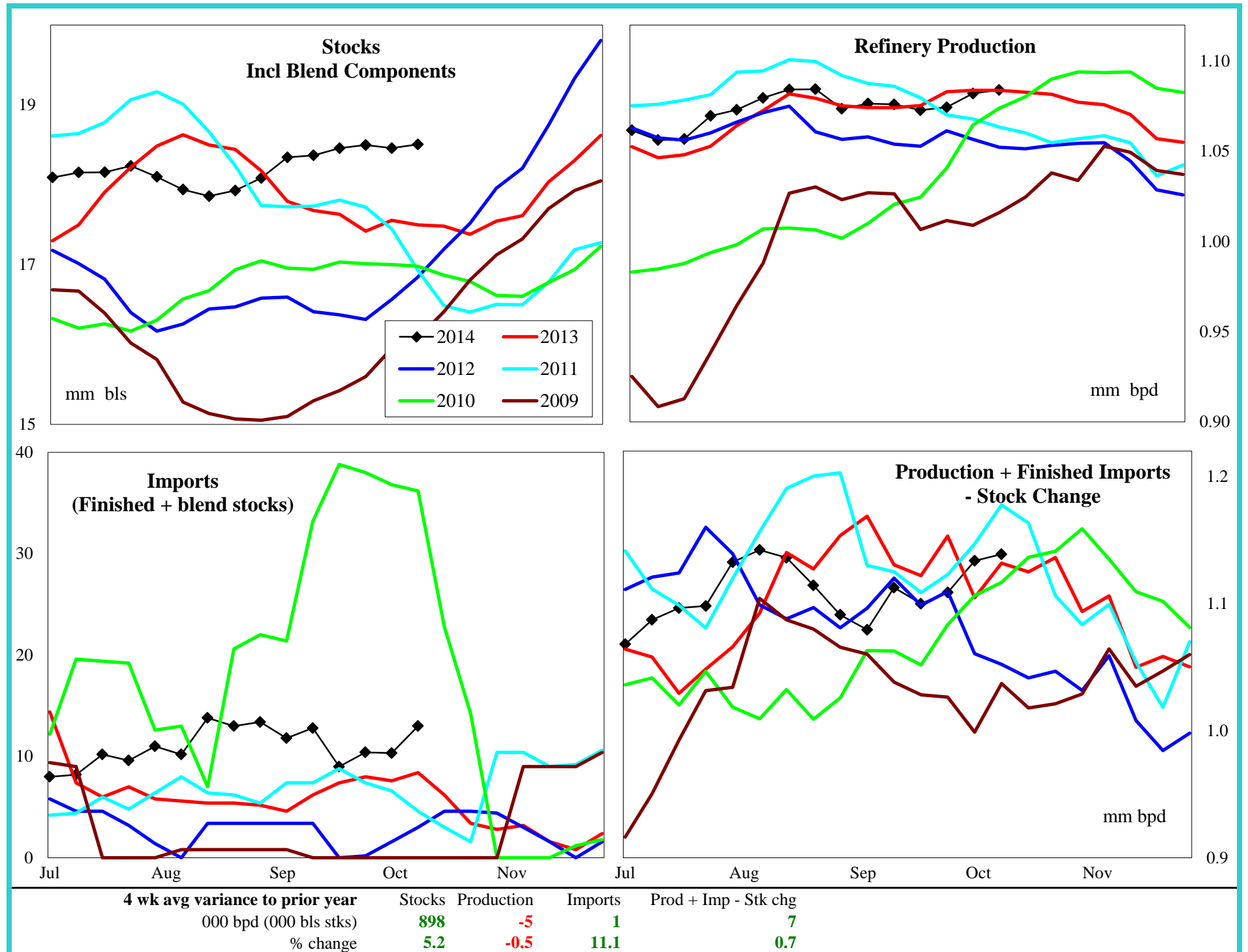
PADD 5 Crude Oil Supply and Refining



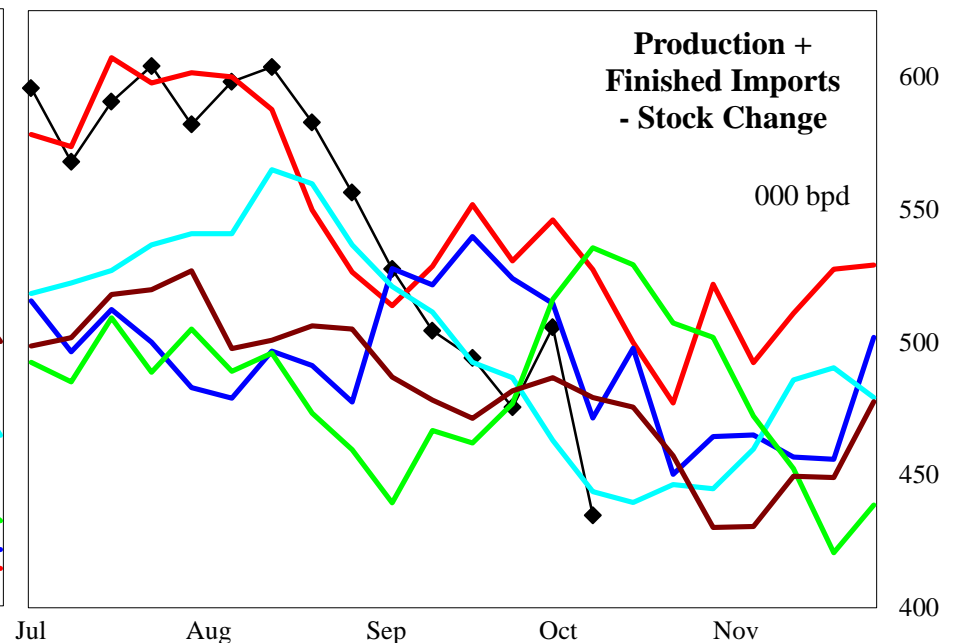
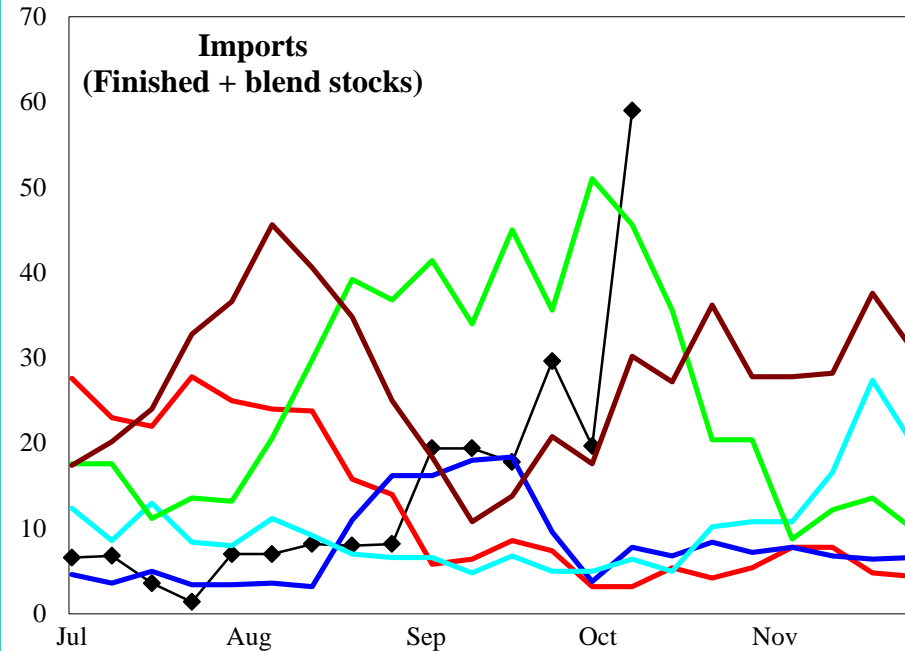
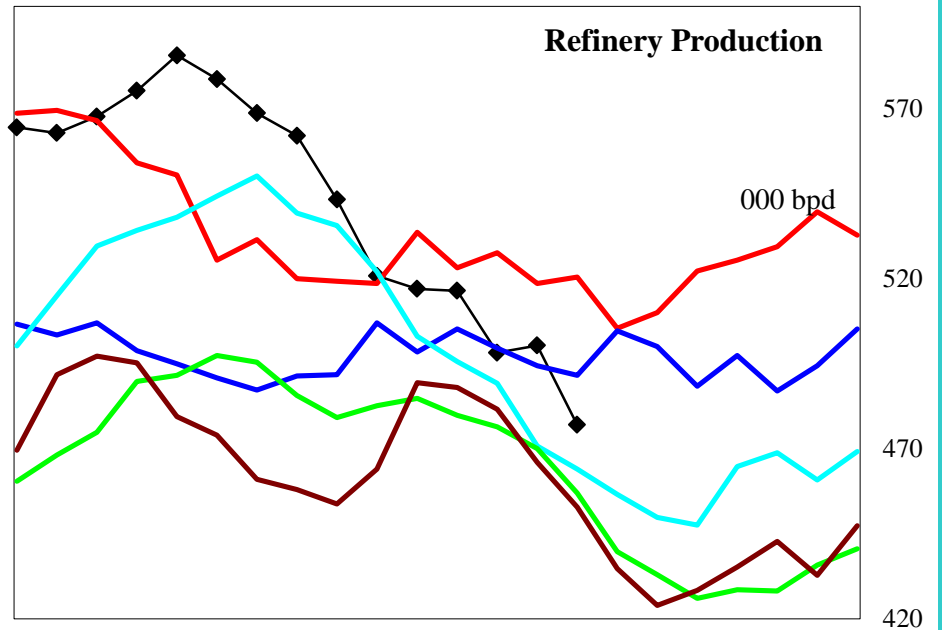
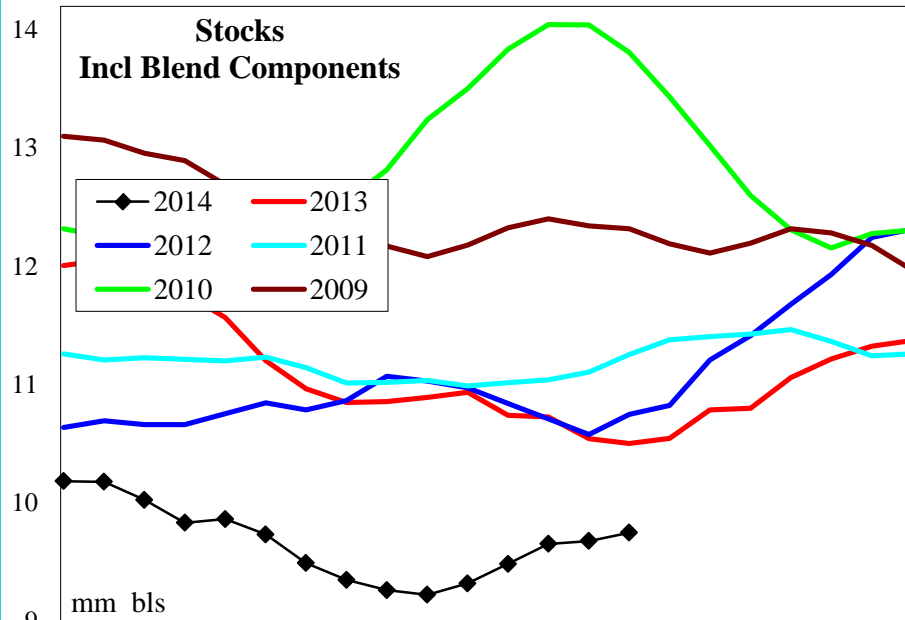
PADD 5 Gasoline Supply



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

-730

-19

33

-56

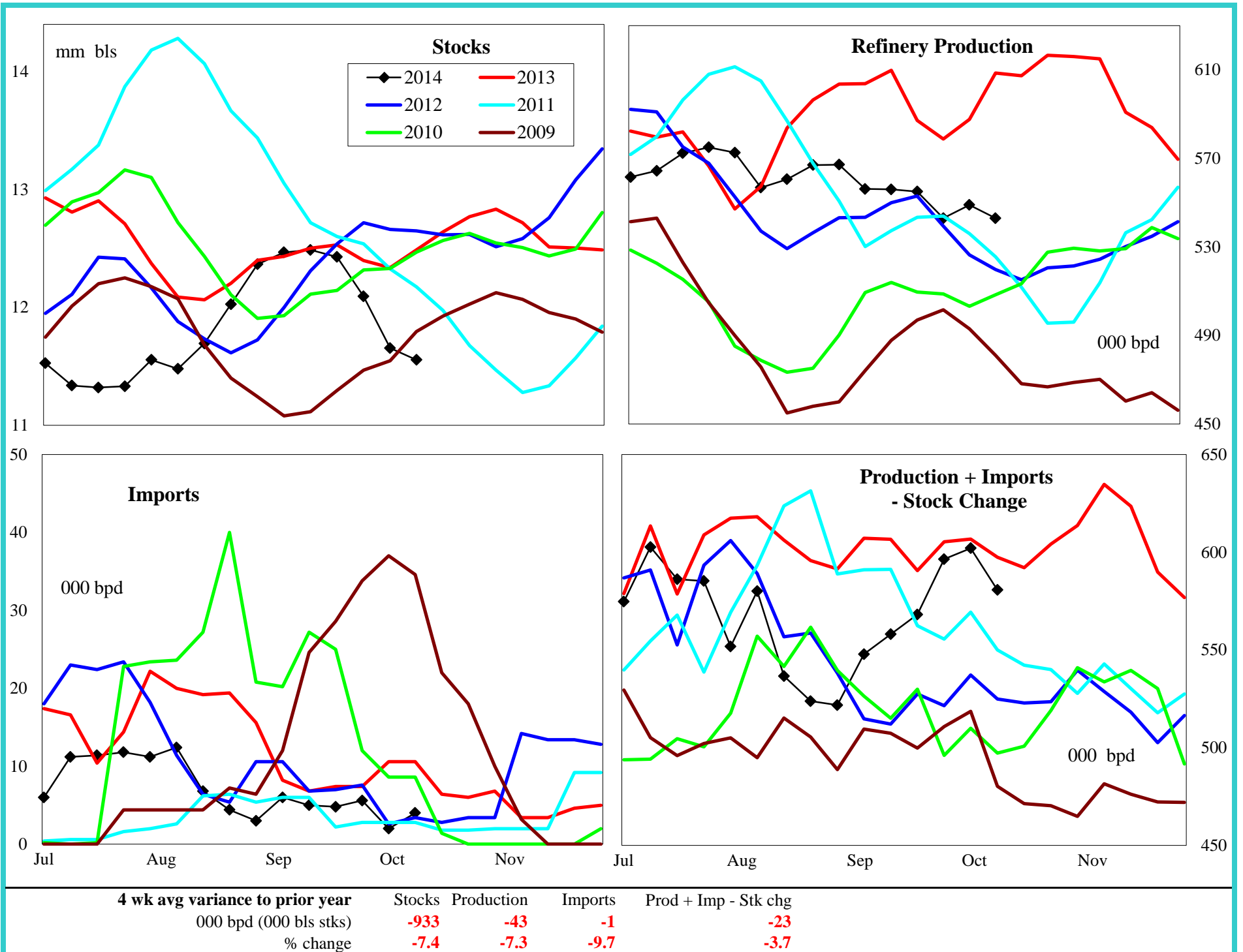
-7.0

-3.6

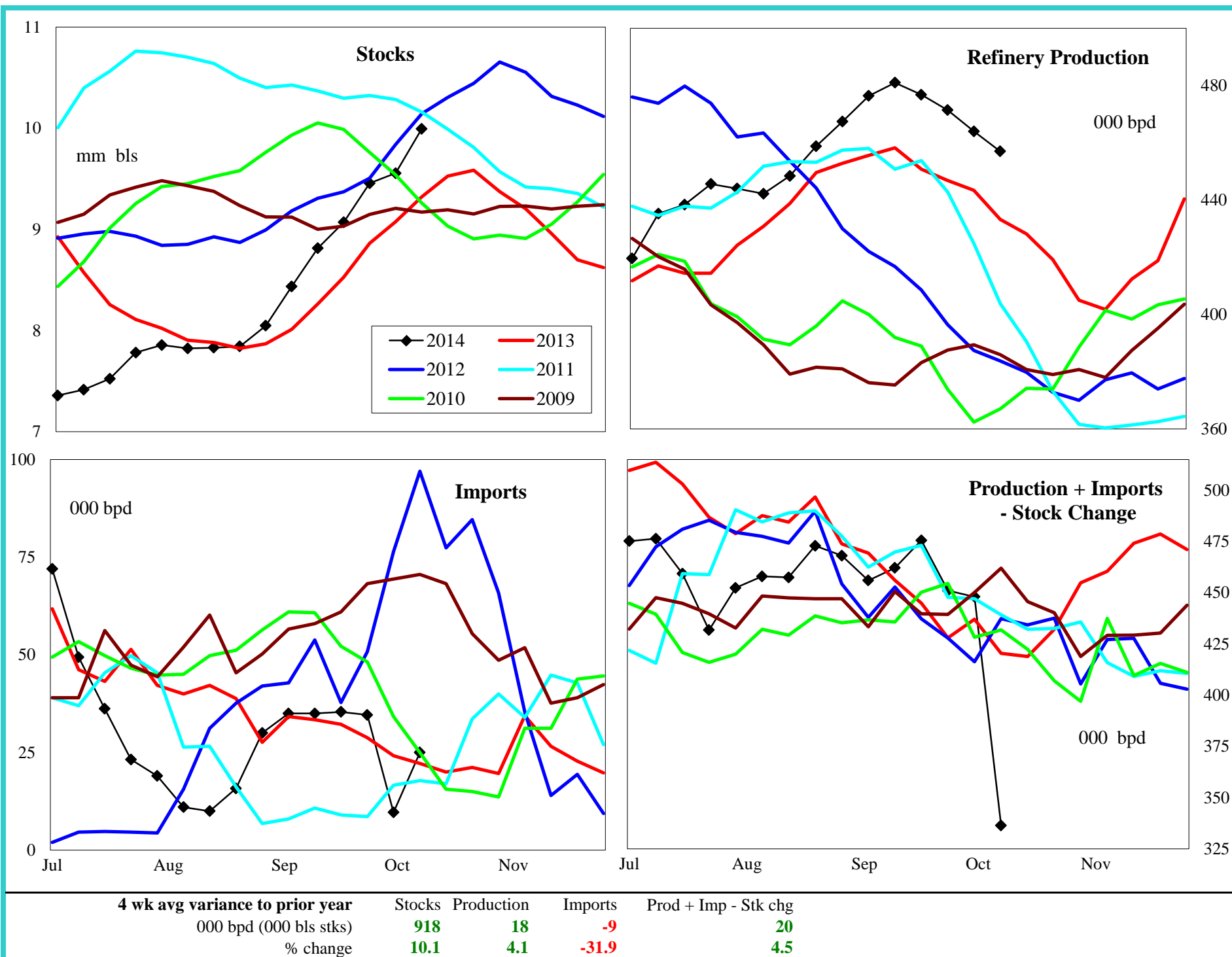
873.3

-10.3

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

