



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

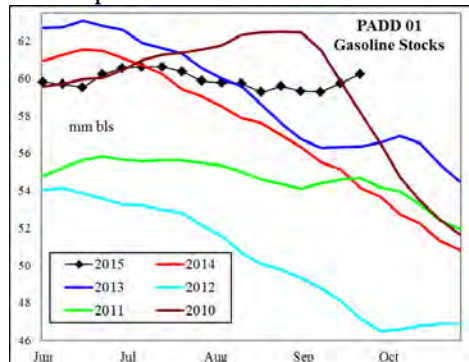
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Thursday, October 01, 2015

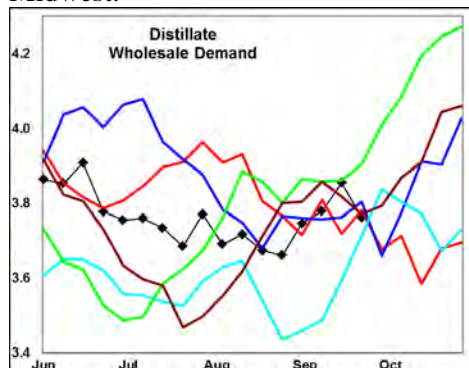


Major Fundamental Trends¹

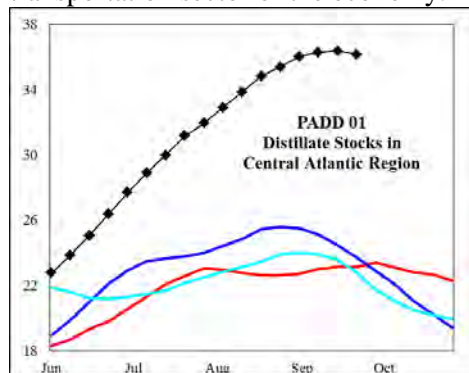
Gasoline imports jumped +0.5 million bpd last week, concentrated on the East Coast. Combined with lower seasonal demand, East Coast stocks saw a counter seasonal build to a record level for the period.



Gasoline stocks ended the week near record levels in all regions except the Midwest.



Distillate wholesale demand fell -0.56 million bpd last week, with the 4-wk average unchanged from a year ago – pointing to lackluster growth in the transportation sector of the economy.



Distillate stocks saw a -0.3 million barrel draw last week, although the level remains +26 million barrels above last year. Stock levels in the key Central Atlantic Region ended the week +52% above the last 3-yr. Stock levels in all major regions were significantly above the last 3-yr.

Crude oil refinery runs have begun to trend lower with the start of fall maintenance, concentrated in the Midwest and East Coast. Runs on the Gulf remain above a year ago.

Wholesale Demand for combined gasoline and distillate fell -0.8 million barrels on the week.

Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +4.2%, distillate increased +0.2%, jet fuel increased +12%, while residual fuel decreased -19%.

Stocks forward coverage: Gasoline demand coverage increased last week on a +3.3 million barrel stock build, and lower wholesale demand. Coverage ended the week at a level above the 3-yr mid range.

Distillate demand coverage increased on a -0.3 million barrel stock draw and sharply lower wholesale demand. Coverage ended the week at a level above the last 4-yr.

Jet fuel coverage fell on a -1.3 million barrel stock draw, and an increase in wholesale demand. Coverage levels were a record low for this time of year.

Refinery utilization rates fell on a -241,000 bpd decrease in crude oil runs last week. During the latest 4-wk period crude oil input was +62,000 bpd above last year.

Gasoline yield % on crude oil runs increased on the week due to a +0.13 million bpd rise in output compared to the -0.24 million bpd decline in crude oil runs. Gasoline yield % on crude oil runs ended the week at a level above the last 2-yr.

Distillate yield % on crude oil runs saw little change on a -73,000 bpd decline in output compared to the drop

in crude oil runs. The yield % on crude oil runs matched historic highs for the period.

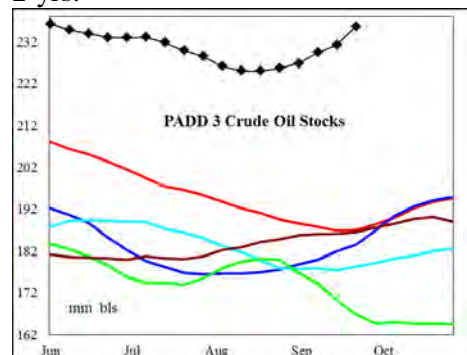
Jet fuel yield % on crude oil runs increased on a +28,000 bpd rise in output compared to the lower crude oil runs, with yields below the last 3-yr.

Petroleum Imports/Exports: Crude oil imports increased +0.4 million bpd last week. Gasoline imports jumped nearly +0.5 million bpd on the week. Middle distillate imports fell -132,000 bpd.

During the latest 4-wk period crude oil imports were -128,000 bpd below a year ago; distillate imports were -14,000 bpd lower; finished gasoline imports +11,000 bpd higher; gasoline blend stock imports were +274,000 bpd higher, jet fuel imports decreased -56,000 bpd, while residual fuel imports were +2,000 bpd higher.

Exports of distillate for the week ending 21Aug15 were +26,000 bpd above a year ago, gasoline +15,000 bpd higher, jet fuel -1,000 bpd lower and residual fuel oil was +34,000 bpd higher.

Crude Oil stocks jumped +4 million barrels on the week. This included a +5.1 million barrel build in the Gulf – driven by increased receipts from the Midwest and an increase in imports. Stock levels in the Gulf are extremely high, +49 million barrels above the last 2-yr.



Look for an immediate drop in refinery runs as fall maintenance expands, driving continued stock building. Cushing stocks declined -1.1 million bpd on increased deliveries to the Gulf.

¹ Source is latest EIA Weekly Statistics



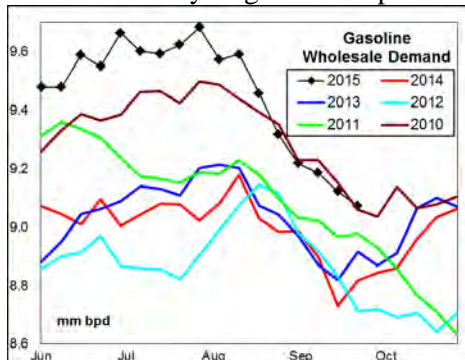
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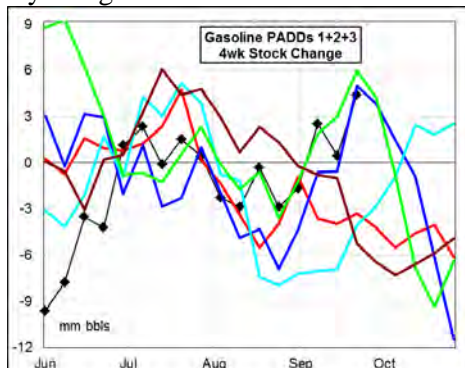
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Product Supply-Demand Trends

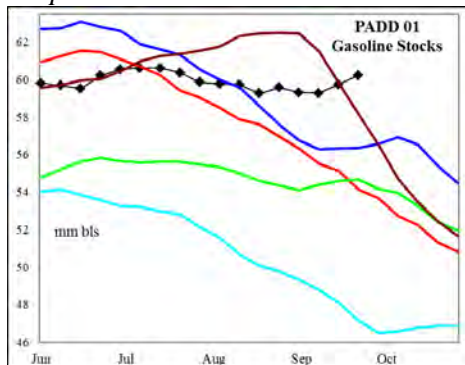
Gasoline wholesale demand decreased -0.2 million bpd on the week, to a level that matched 5-yr highs for the period.



Supply increased +0.6 million bpd last week, on a surge in imports; with the 4-wk average +0.45 million bpd above a year ago.

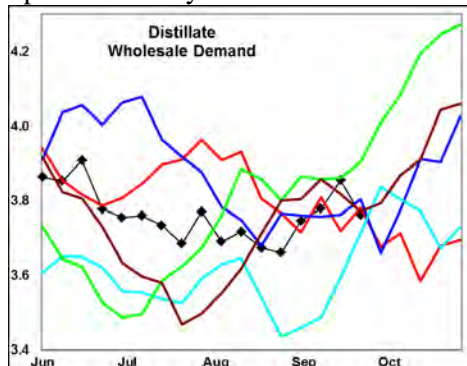


The latest 4-wk stock change East of the Rockies was a +5 million barrel build, nearly equal to the 5-yr high for the period.

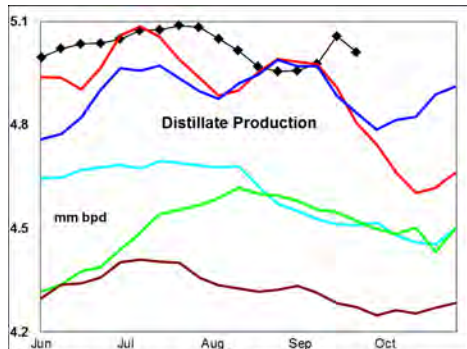


Stock levels ended the week near 5-yr highs in all regions except the midwest. A spike in imports to the East Coast lifted stock levels in the area to a 5-yr high for the period. All markets except the midwest are very well supplied, with attractive import economics driving over supplied conditions on the East coast.

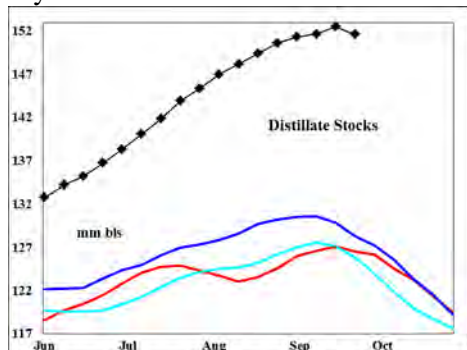
Distillate wholesale demand fell -0.6 million bpd last week, reversing the earlier increase. The latest 4-wk average wholesale demand was +8,000 bpd above last year.



Supply fell -181,000 bpd last week, with the 4-wk average +29,000 bpd above a year ago. Imports fell to a record flow for the season.



Stocks decreased -0.3 million barrels on the week, with decreases in the Gulf and East regions. Stocks ended the week +26 million barrels above the last 3-yrs.

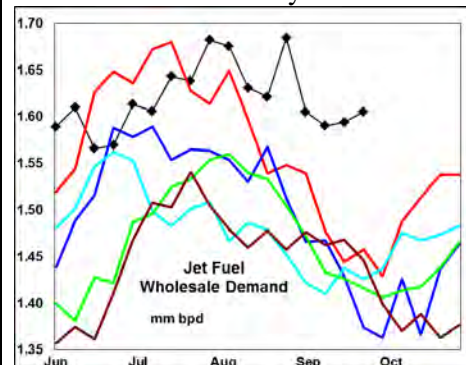


Look for the fall refinery maintenance to drive stock draws during the next quarter. Stock levels remain extremely high in all regional markets.

Jet Fuel wholesale demand increased +0.24 million bpd on the week, to a

level above the 5-yr range. The latest 4-wk average demand was +171,000 bpd above last year.

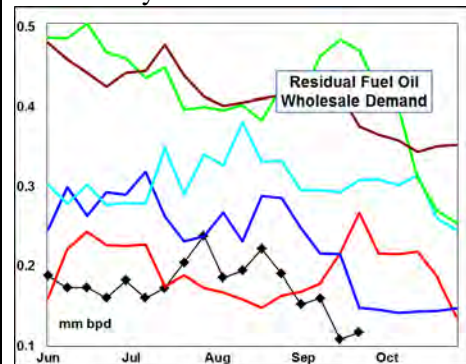
Supply increased +24,000 bpd on the week, driven by higher production; with the 4-wk average -135,000 bpd below a year ago. Stocks fell -1.3 million barrels on the week, to a level that matched the last 2-yrs.



Look for sharply lower seasonal demand, offset by reduced output during maintenance season so that stock levels remain at the low end of the historic range.

A rebound in imports should assure ample supplies in coastal markets.

Residual fuel oil demand increased +13,000 bpd on the week. Demand for the latest 4-wk period was -42,000 bpd below last year.



Supply (production + imports) decreased -3,000 bpd on the week, due to lower imports. Stocks increased +0.3 million barrels, to a level comparable with the last 2-yrs. Production was equal to the 2-yr average.



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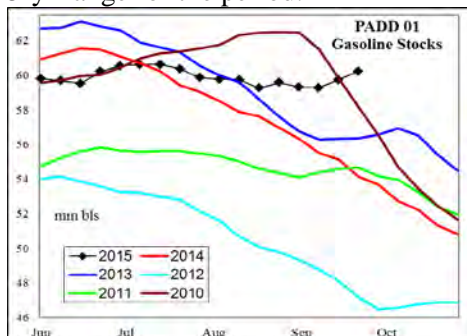
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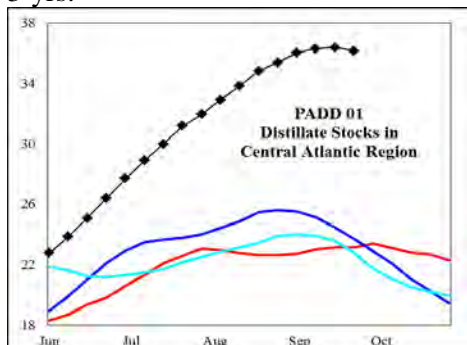
PADD Supply Trends

PADD 1 refinery crude oil runs decreased -7,000 bpd on the week to a level that matched the 3-yr mid range. The latest 4-wk average thru put was -53,000 bpd below last year.

Gasoline supplies jumped +0.5 million bpd on the week, driven by a surge in imports. The 4-wk average gasoline supply +97,000 bpd above last year. Stocks jumped +2 million barrels last week, to a level above the 5-yr range for the period.



Distillate supply decreased -24,000 bpd on the week, with the 4-wk average -28,000 bpd below last year. Production remains at a record low for the week. Stocks decreased -0.4 barrels to a level +39% above the last 3-yrs.



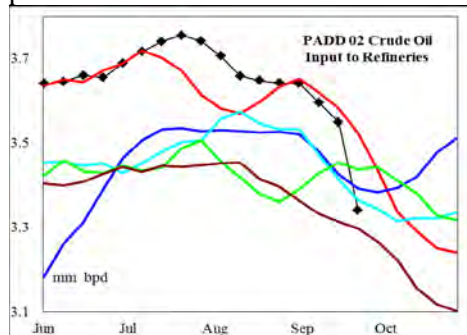
Jet fuel supply decreased -26,000 bpd on the week, while stocks ended the week at a level that matched historic lows for the period.

PADD 2 crude oil refinery runs fell -195,000 bpd on the week, to a level just below the last 3-yrs. The latest 4-wk average thru put was -3,000 bpd below last year.

Crude oil stocks fell -3.8 million barrels last week. Cushing saw a -1.1 million barrel draw for the week.

Gasoline supply decreased -

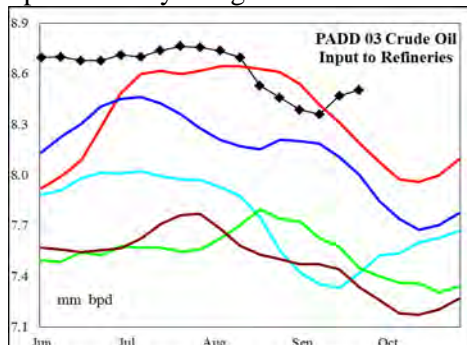
106,000 bpd on the week. Production for the most recent 4-wk period was +15,000 bpd above a year ago. Stocks increased +0.1 million barrels on the week, to a level near 5-yr lows for the period.



Distillate supply decreased -77,000 bpd on the week, to a level below the last 3-yrs. The latest 4-wk average production was -18,000 bpd below last year. Stocks increased +0.3 million barrels on the week, to a fresh 5-yr high.

Jet fuel production was a record low for the 2nd consecutive week, driving stock levels to a record low for the period.

PADD 3 refinery runs increased +36,000 bpd last week. During the latest 4-wk period, runs were -24,000 bpd below a year ago.



Crude oil imports increased +0.24 million bpd on the week, with the 4-wk average -0.5 million bpd below last year.

Crude oil stocks increased +5.1 million barrels, to a level +48 million barrels (+26%) above the prior high for the period.

Gasoline supply fell -283,000 bpd on the week, with the latest 4-wk average +226,000 bpd above a year ago. Stocks increased +0.4 million

barrels on the week, to a level near 5-yr highs.

Distillate supply fell -120,000 bpd on the week, with the latest 4-wk average supply +29,000 bpd above a year ago. Stocks fell -0.8 million barrels to a level +14% above last year.

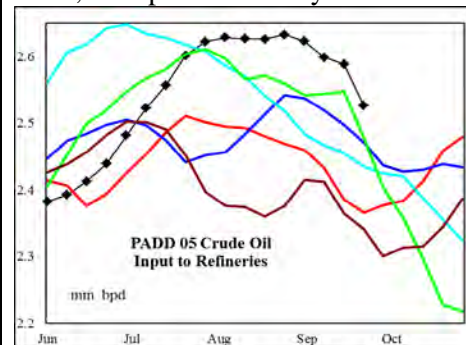
Jet fuel production increased +71,000 bpd on the week, to a level that matched historic highs. Stocks fell -1.2 million barrels on the week, to a level +15% above the last 2-yrs.

PADD 4 refinery crude runs decreased -33,000 bpd last week, to a level below last year. The latest 4-wk average was -44,000 bpd below last year.

Gasoline supply increased +4,000 bpd on the week, with the 4-wk average -32,000 bpd below last year.

Distillate supply was unchanged on the week, at a level above four of the last 5-yrs. Stocks ended the week at a level below the 3-yr mid range.

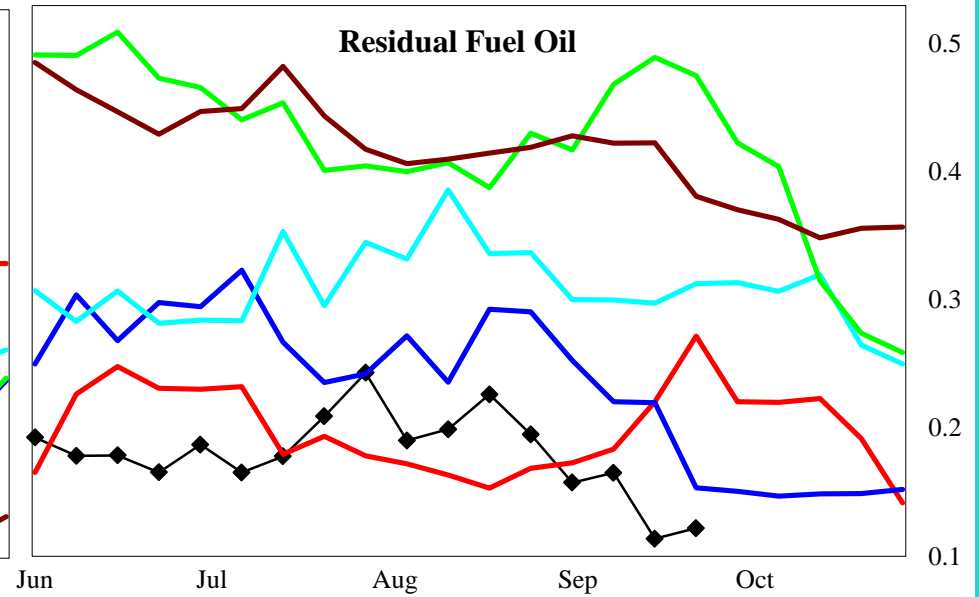
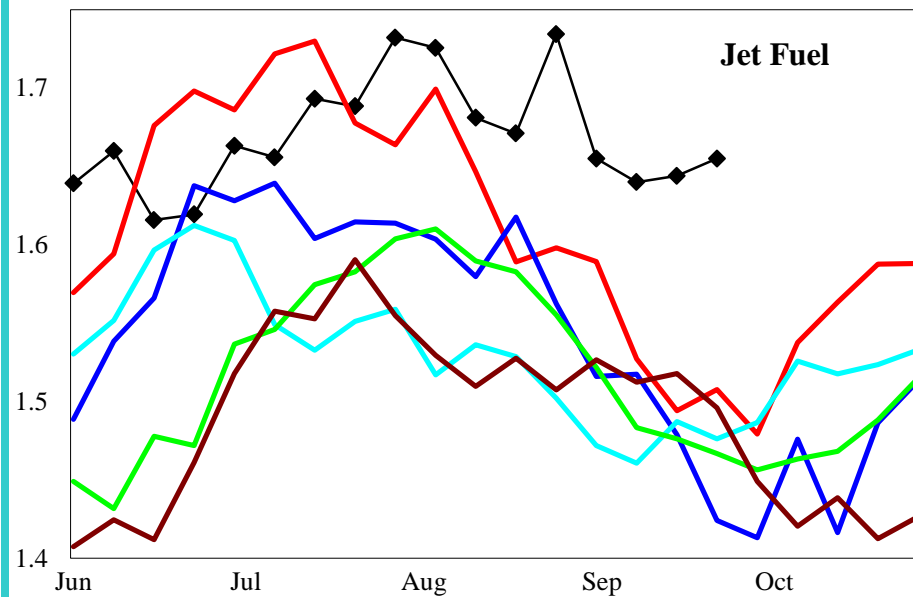
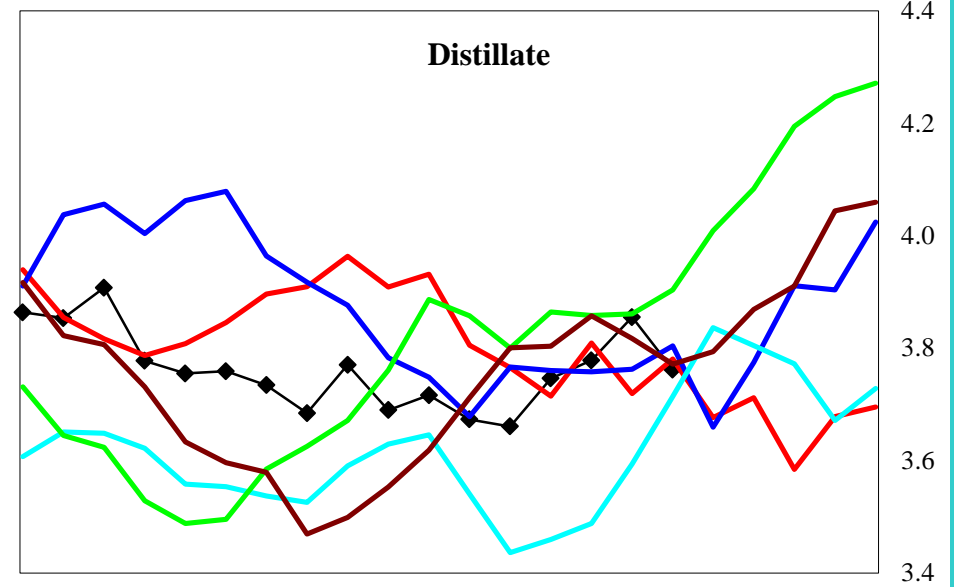
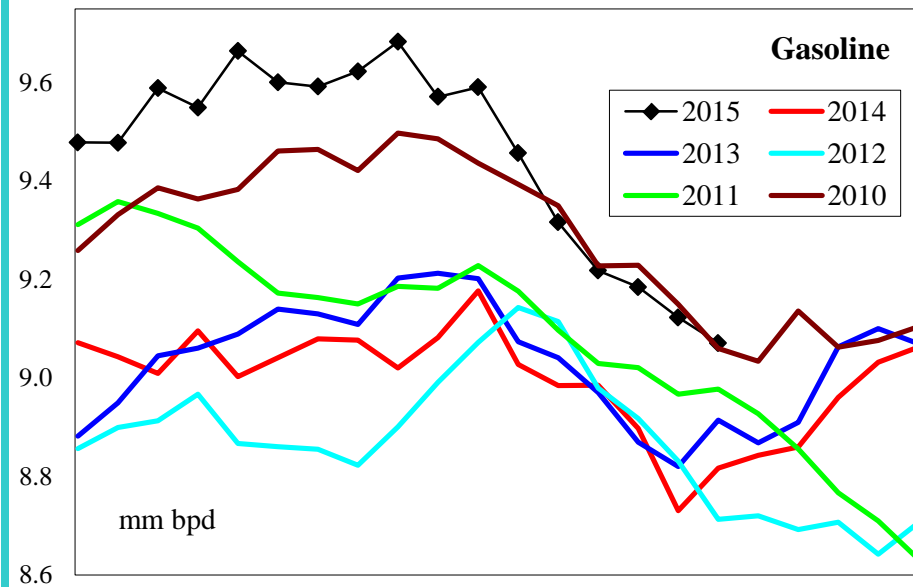
PADD 5 crude oil refinery runs decreased -40,000 bpd on the week to a level slightly above the 6-yr range. The 4-wk average thru put rate was +184,000 bpd above last year.



Gasoline supply increased +11,000 bpd on higher imports; with the latest 4-wk average +56,000 bpd above last year. Production was +55,000 bpd above last year for the current week. Stocks increased +0.5 million barrels on the week, to a level near 5-yr highs.

Distillate supply increased +39,000 bpd on the week. The 4-wk average supply was +74,000 bpd above last year. Stocks increased +0.6 million barrels on the week, to a level above the 5-yr range.

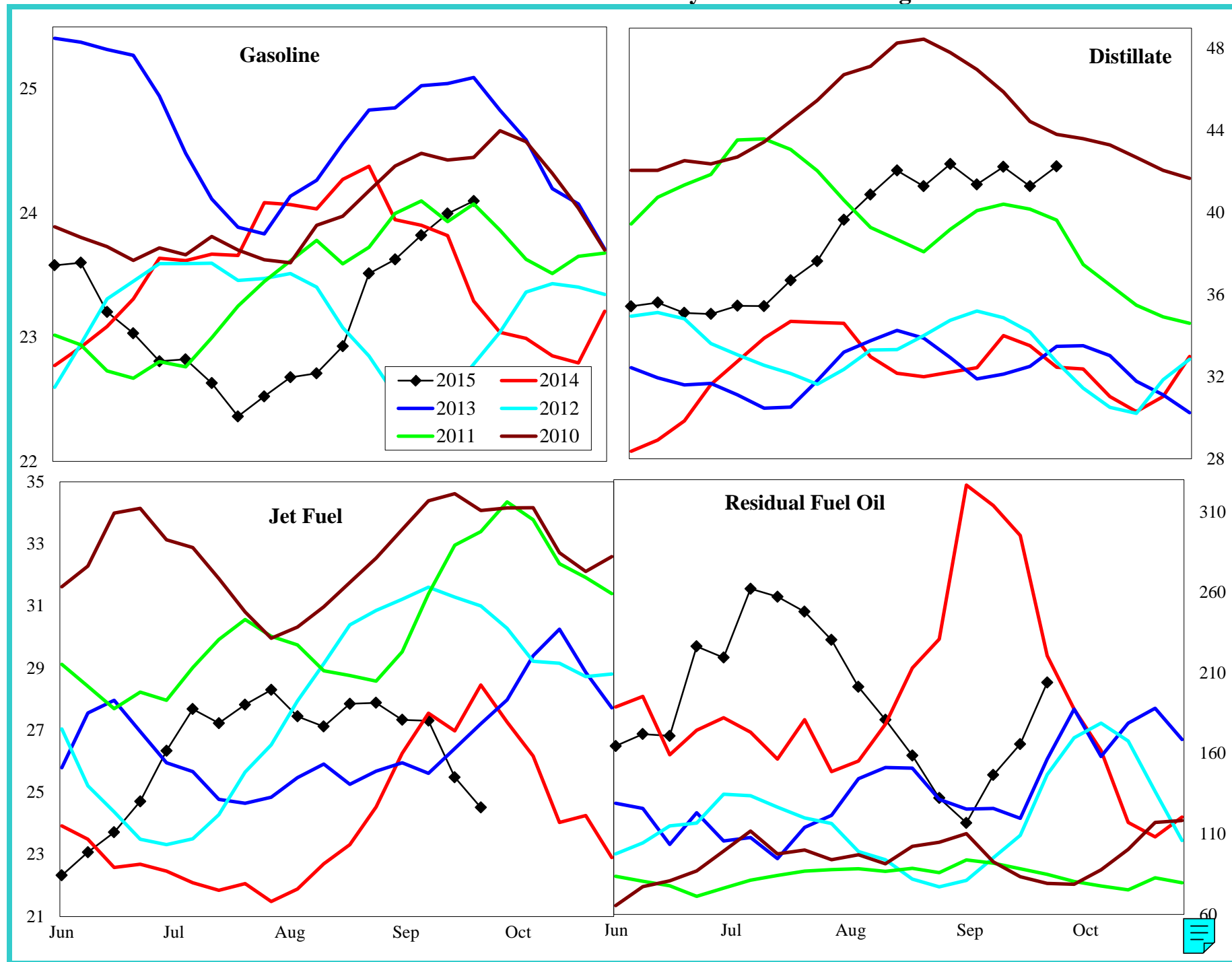
United States Wholesale Petroleum Demand



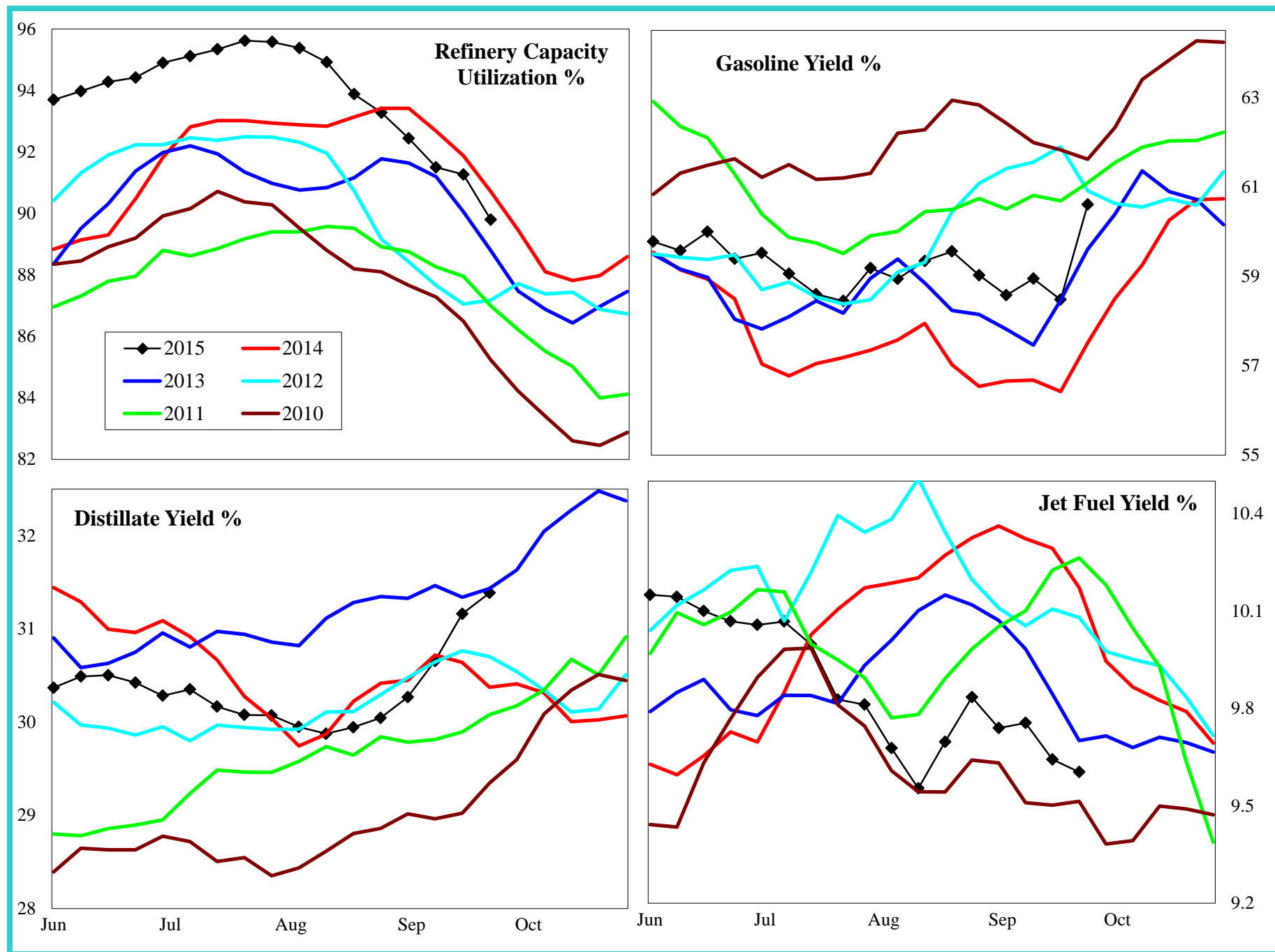
	000 bpd change from prior year				% change from prior year			
	4wk avg	Aug	Jul	Jun	4wk avg	Aug	Jul	Jun
Gasoline	369	218	325	357	4.2	2.3	3.5	4.0
Distillate	8	-116	-141	-26	0.2	-3.0	-3.7	-0.7
Jet Fuel	171	90	134	77	11.8	5.9	8.7	4.9
Resid	-42	14	-24	-89	-18.8	6.6	-10.0	-34.1



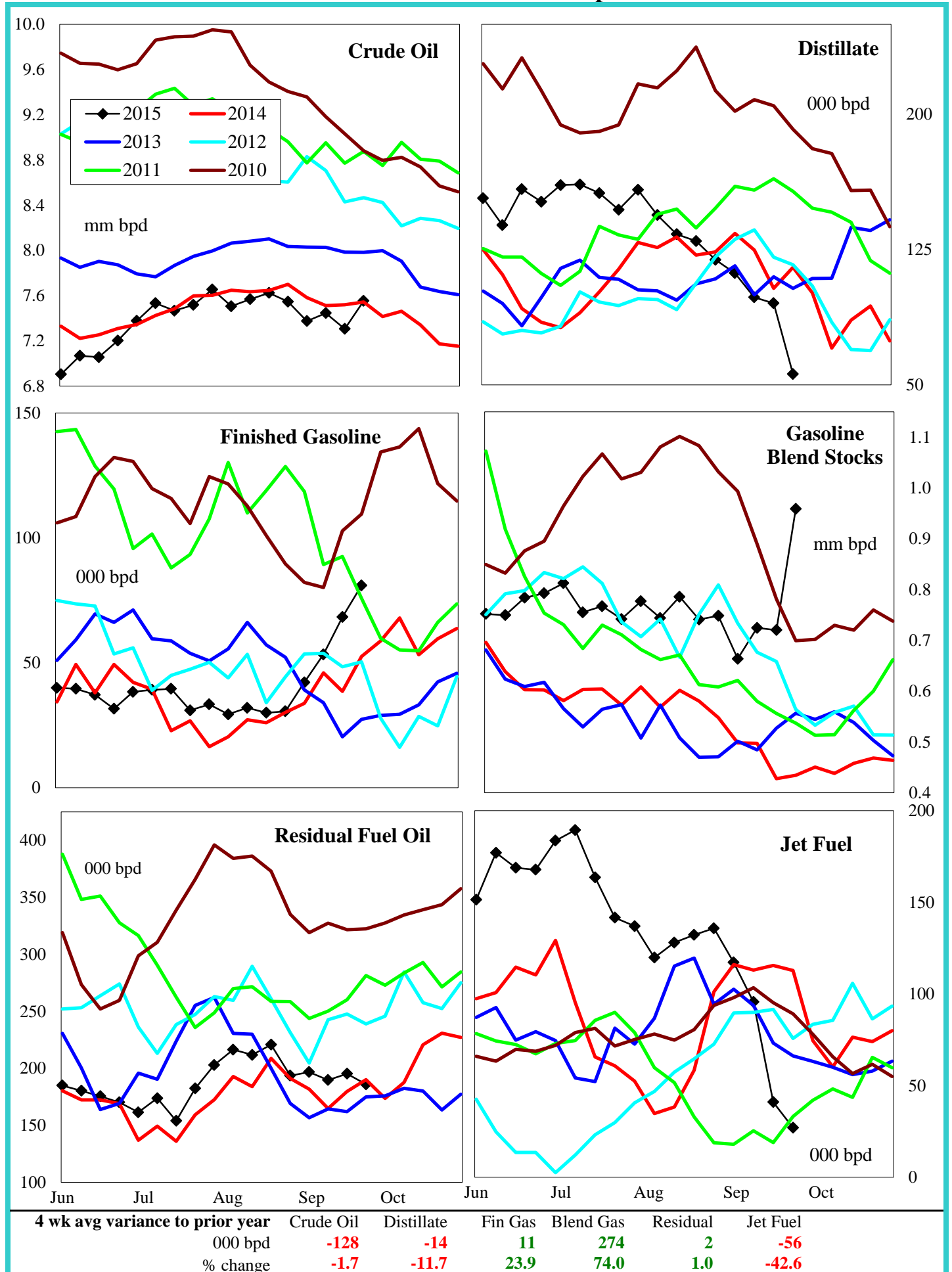
United States Product Stocks: Days Forward Coverage



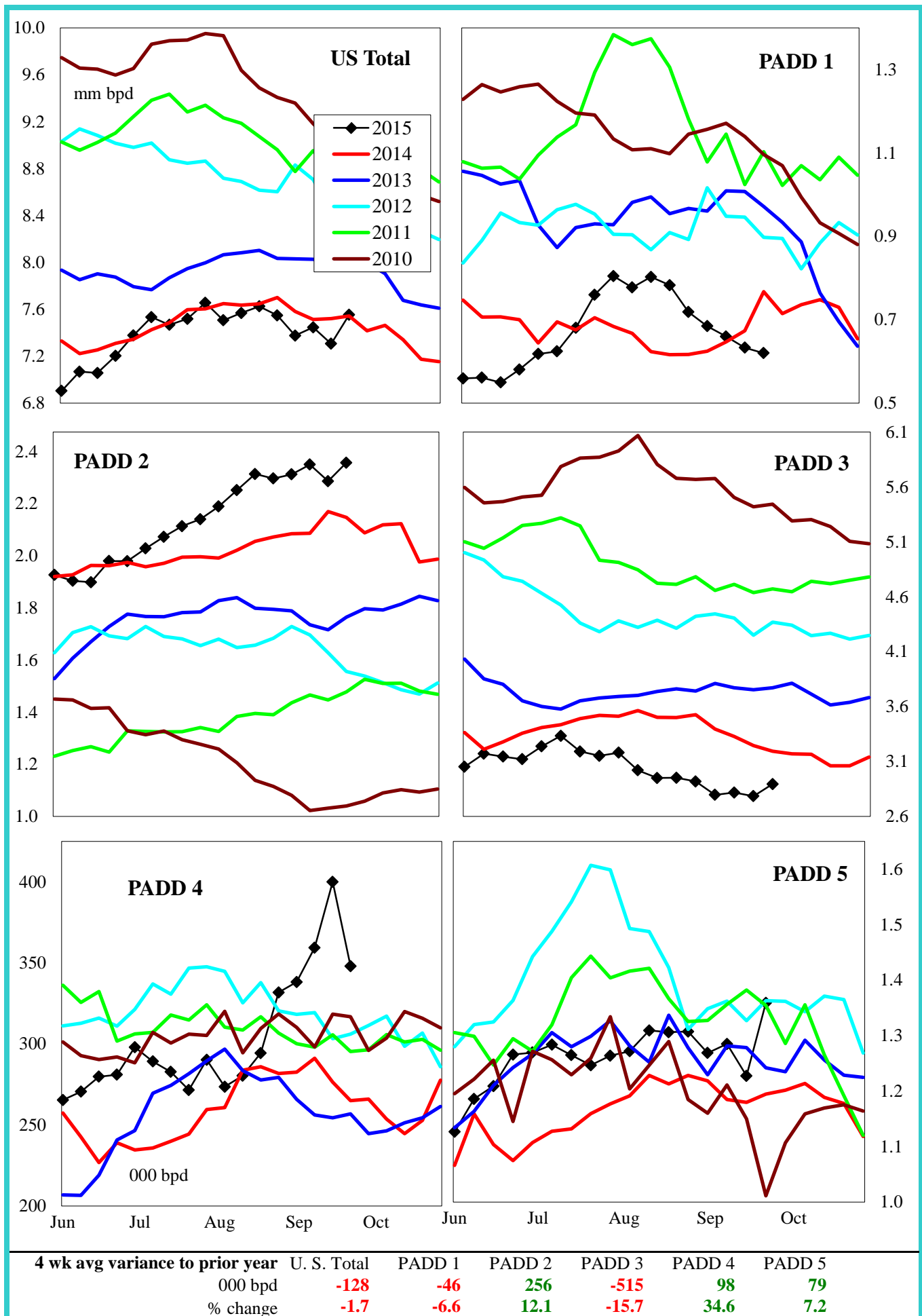
United States Refinery Percent Utilization Rate and Product Yields



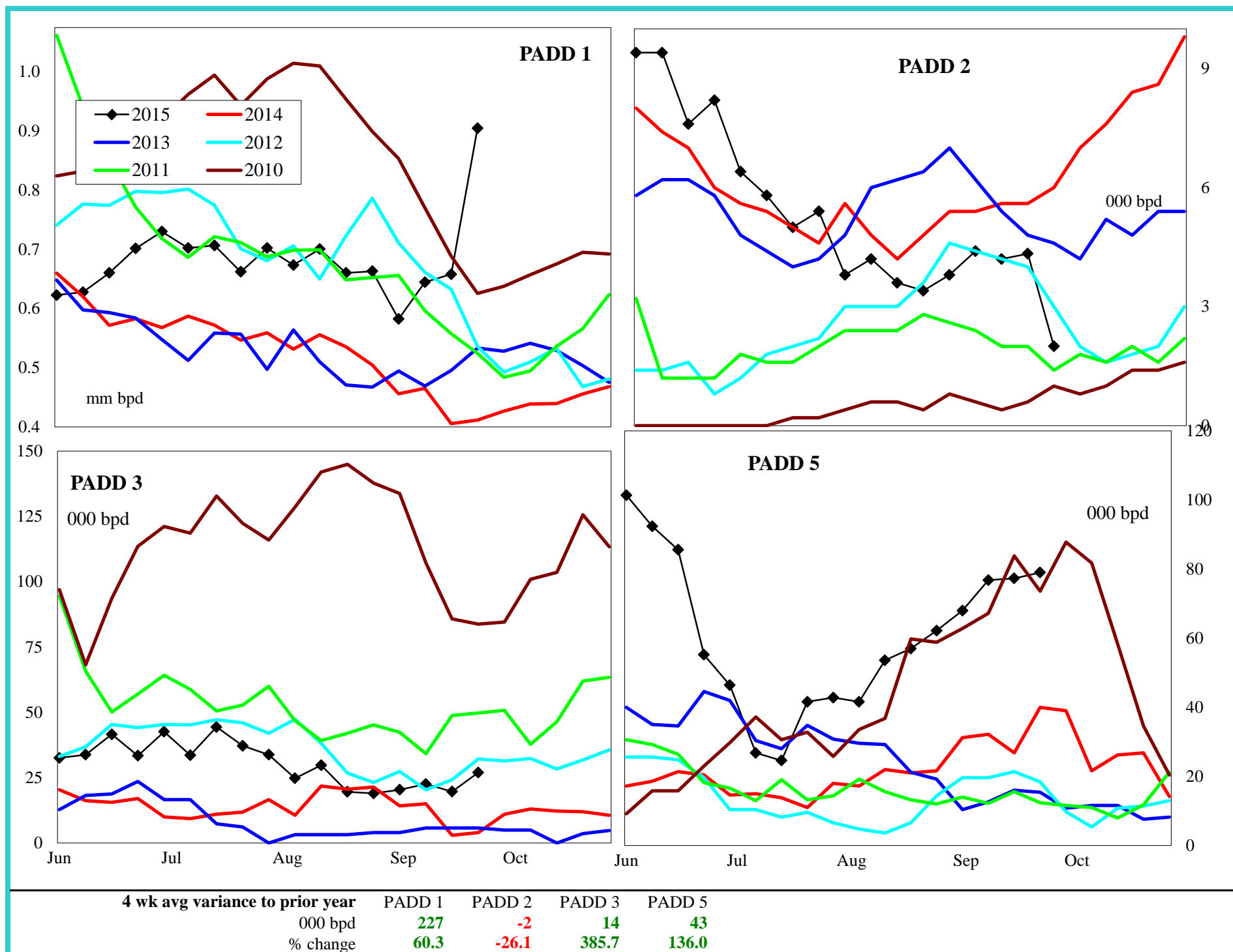
United States Petroleum Imports



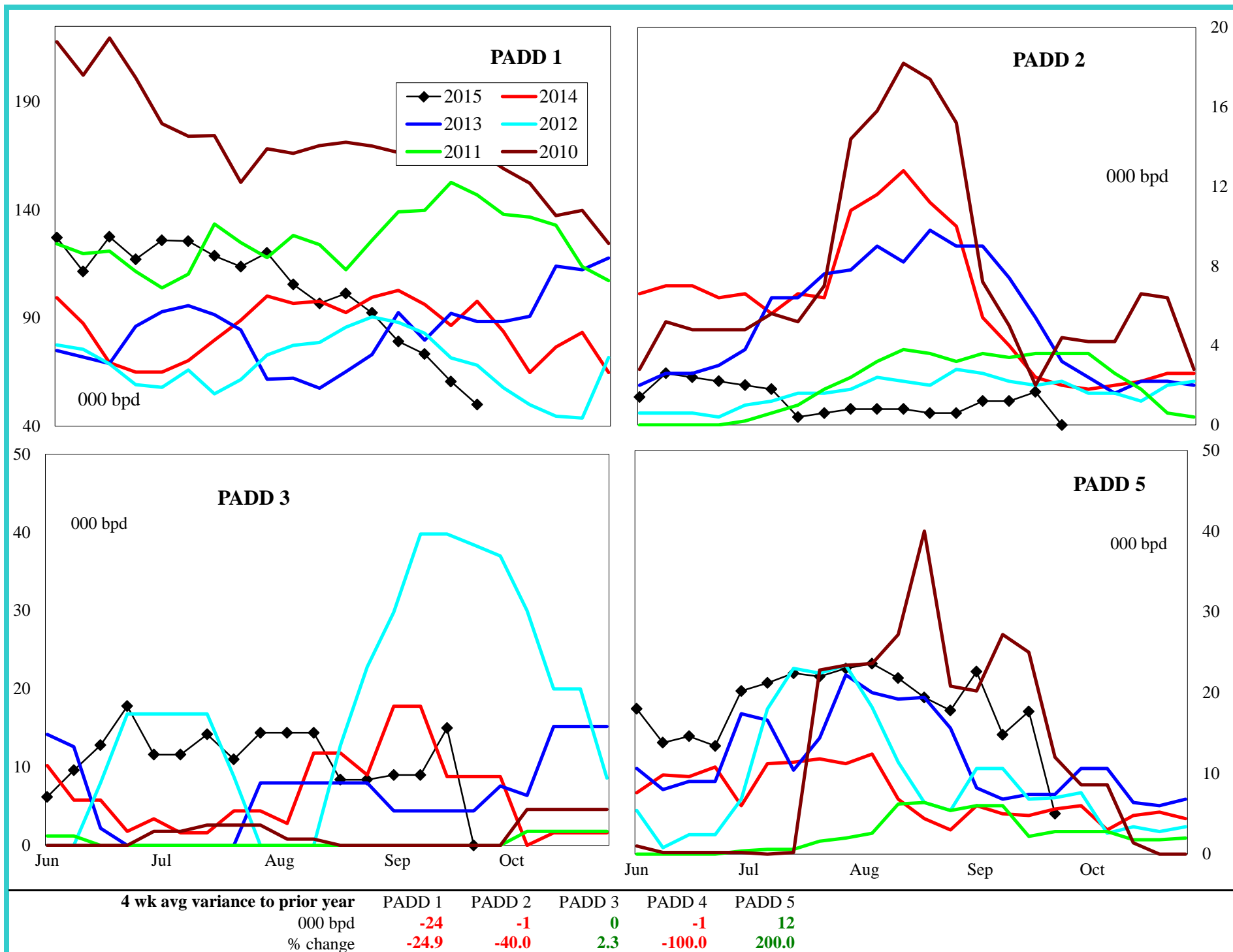
Crude Oil Imports by PADD



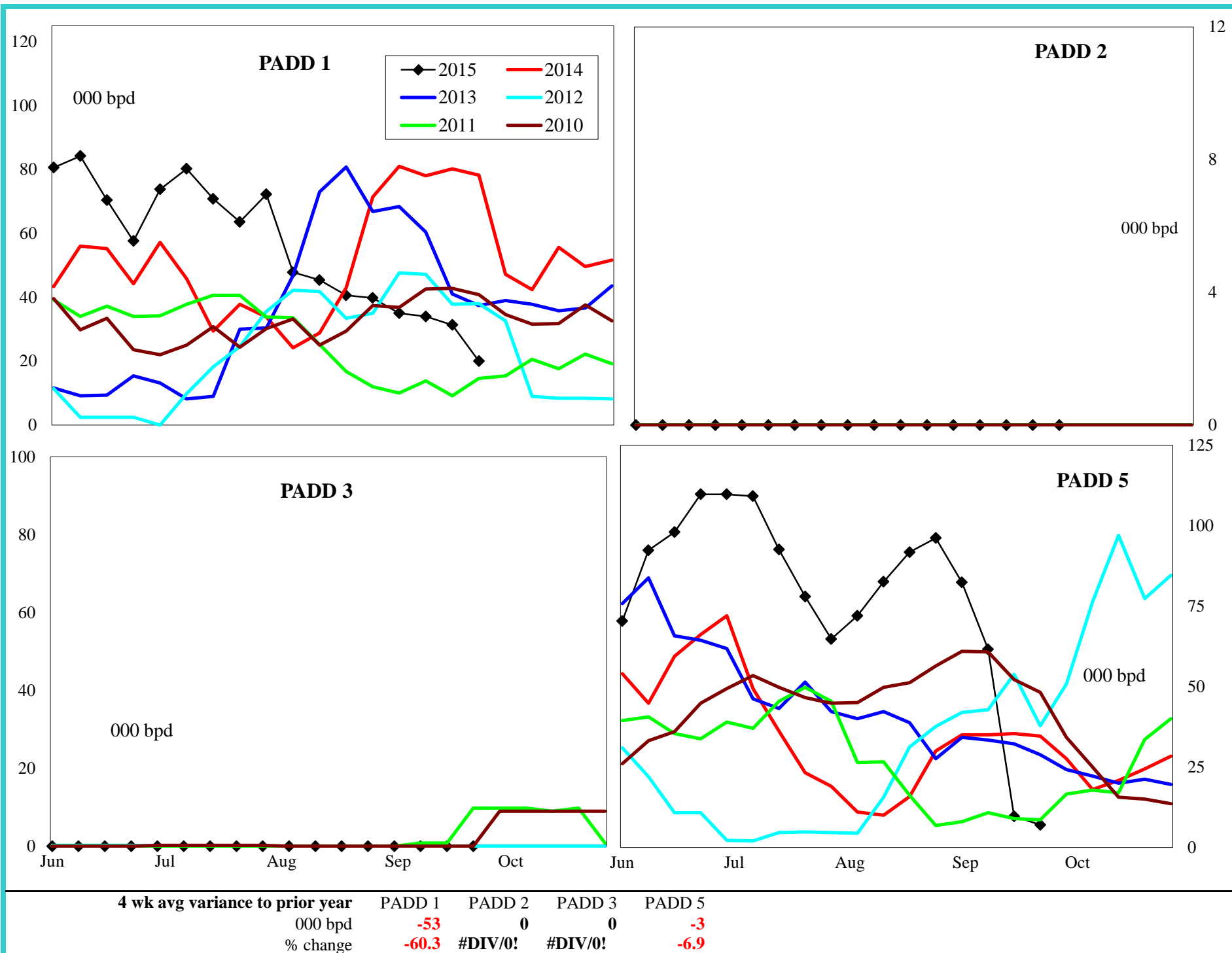
Gasoline Imports by PADD (Finished + Blend Stocks)



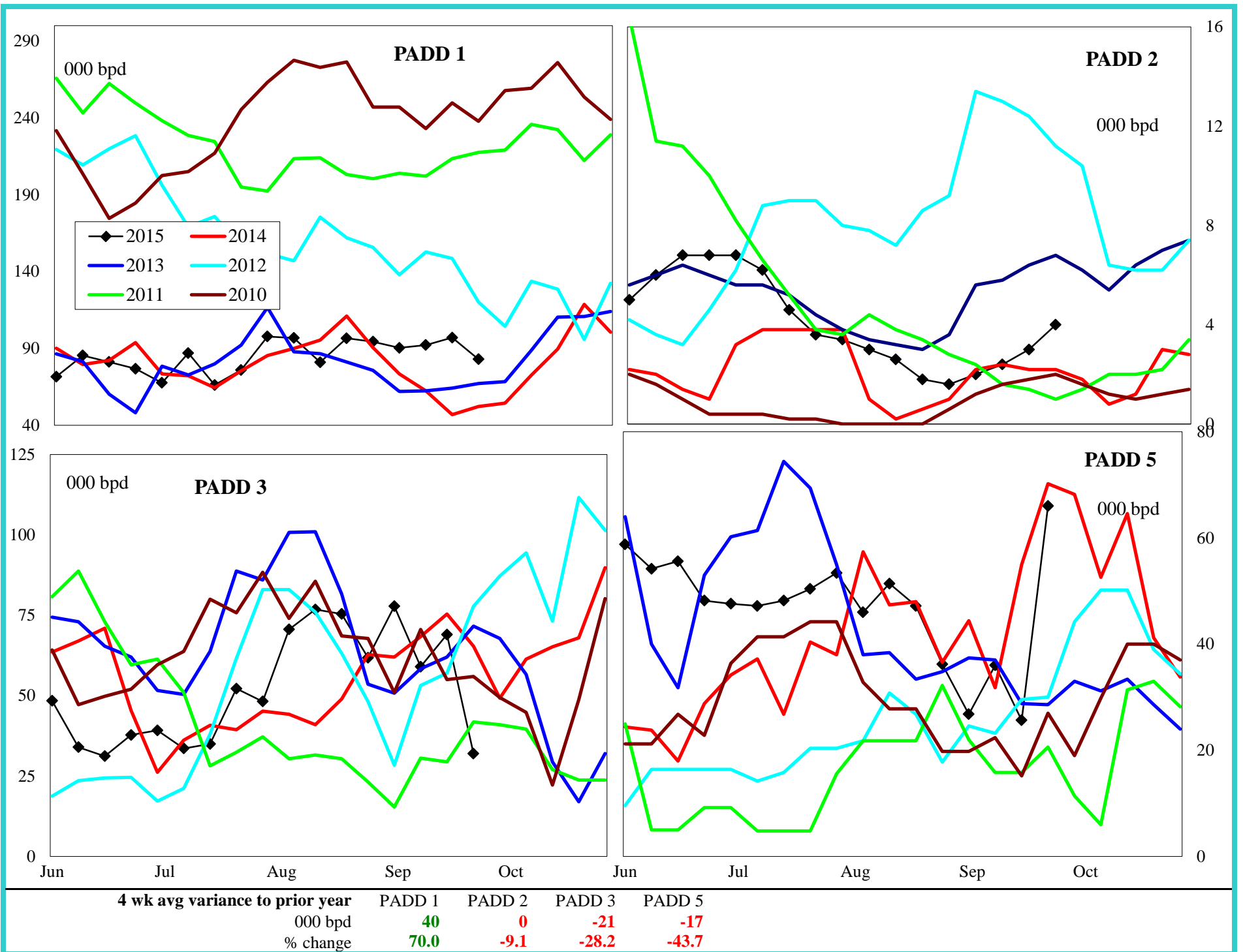
Distillate Imports by PADD



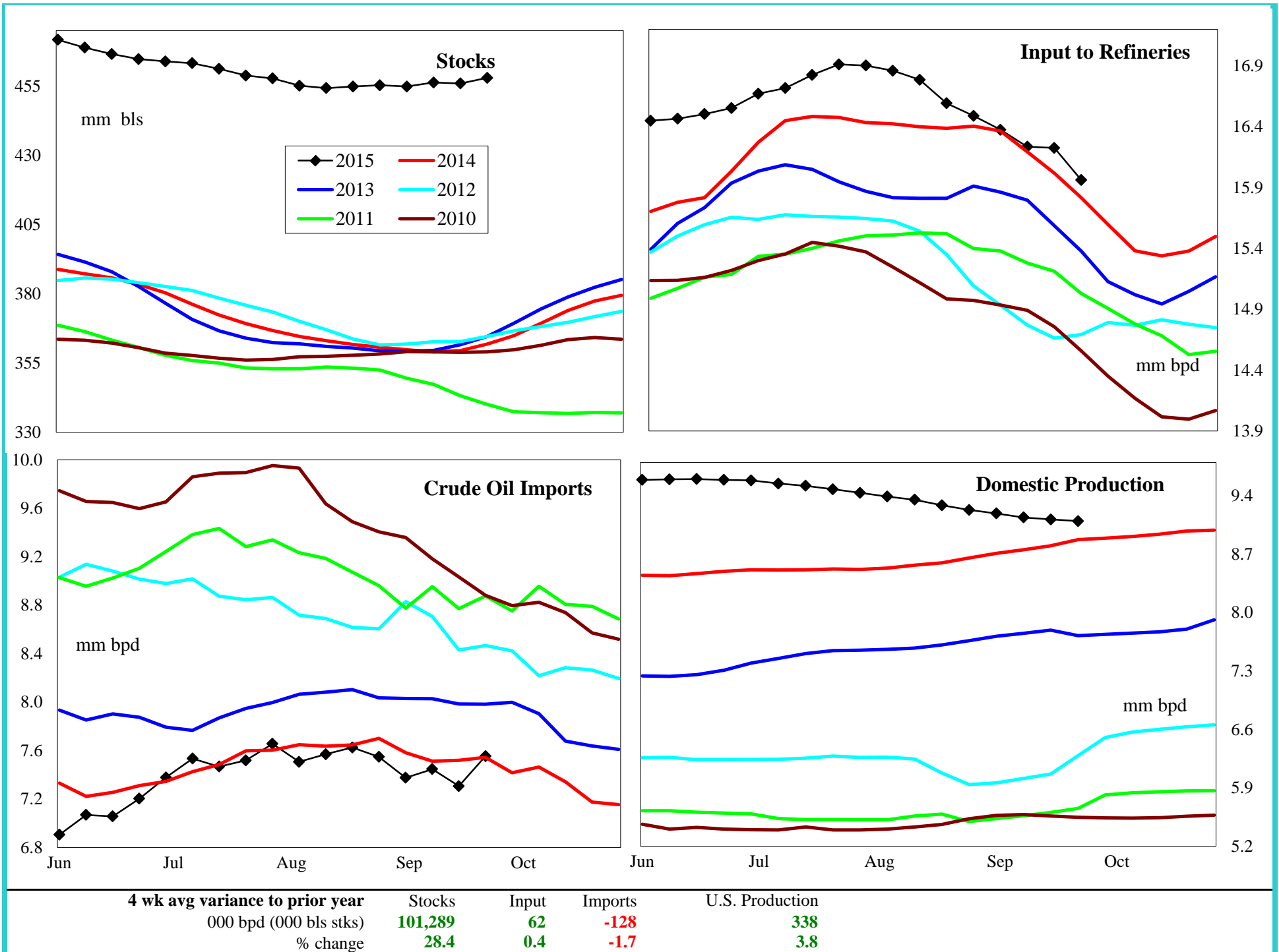
Jet Fuel Imports by PADD



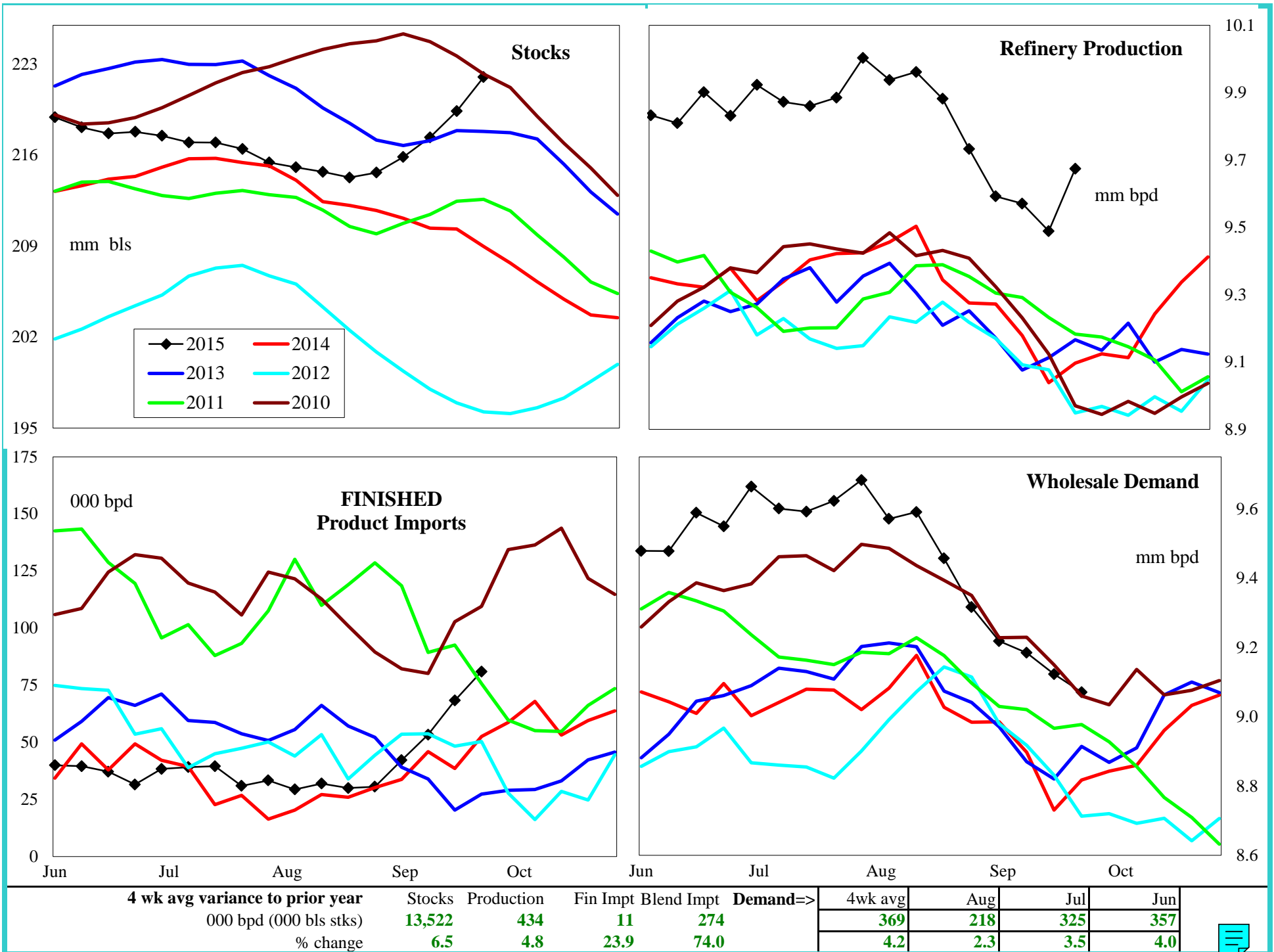
Residual Fuel Oil Imports by PADD



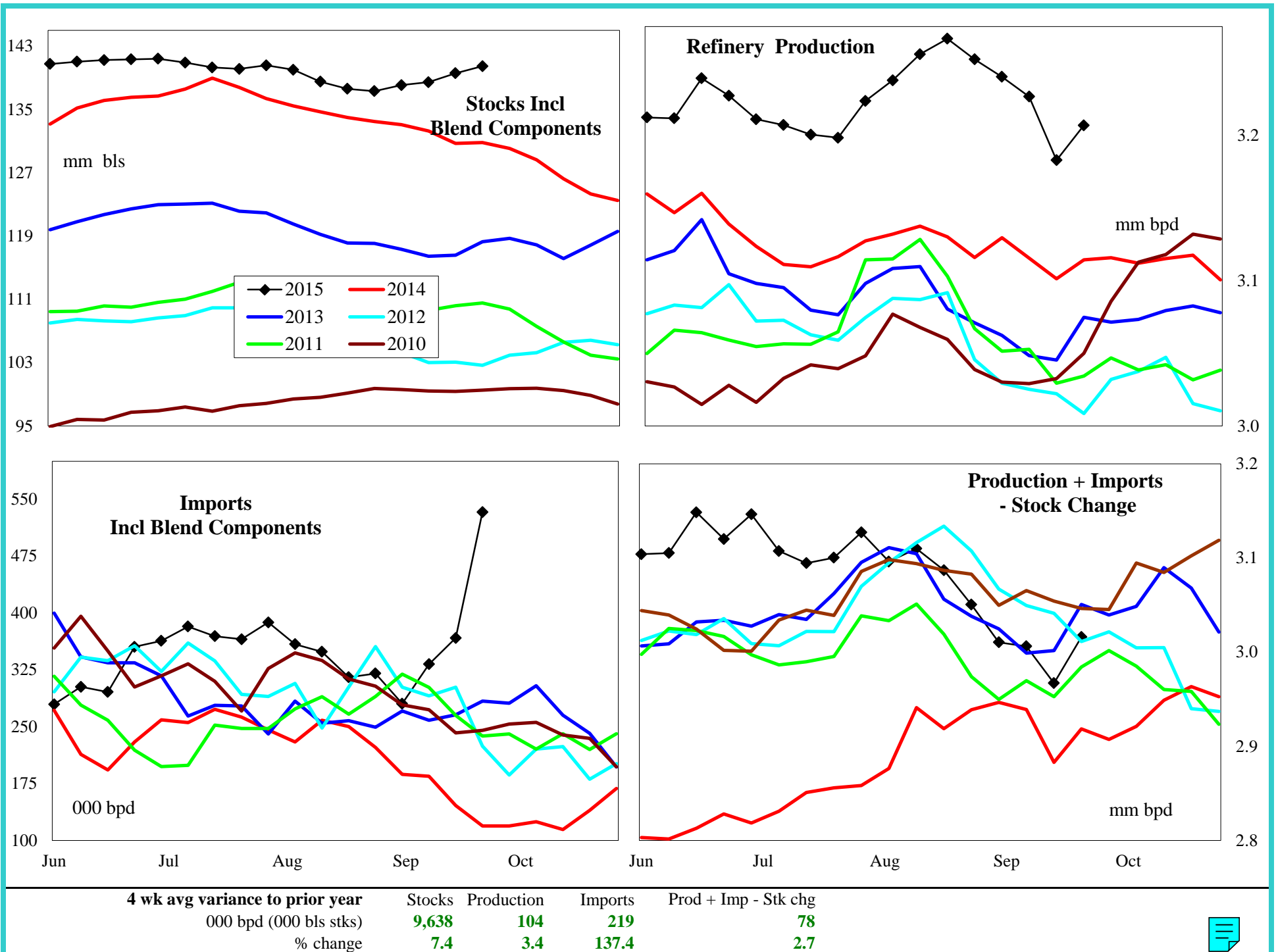
United States Crude Oil Supply and Demand Balance



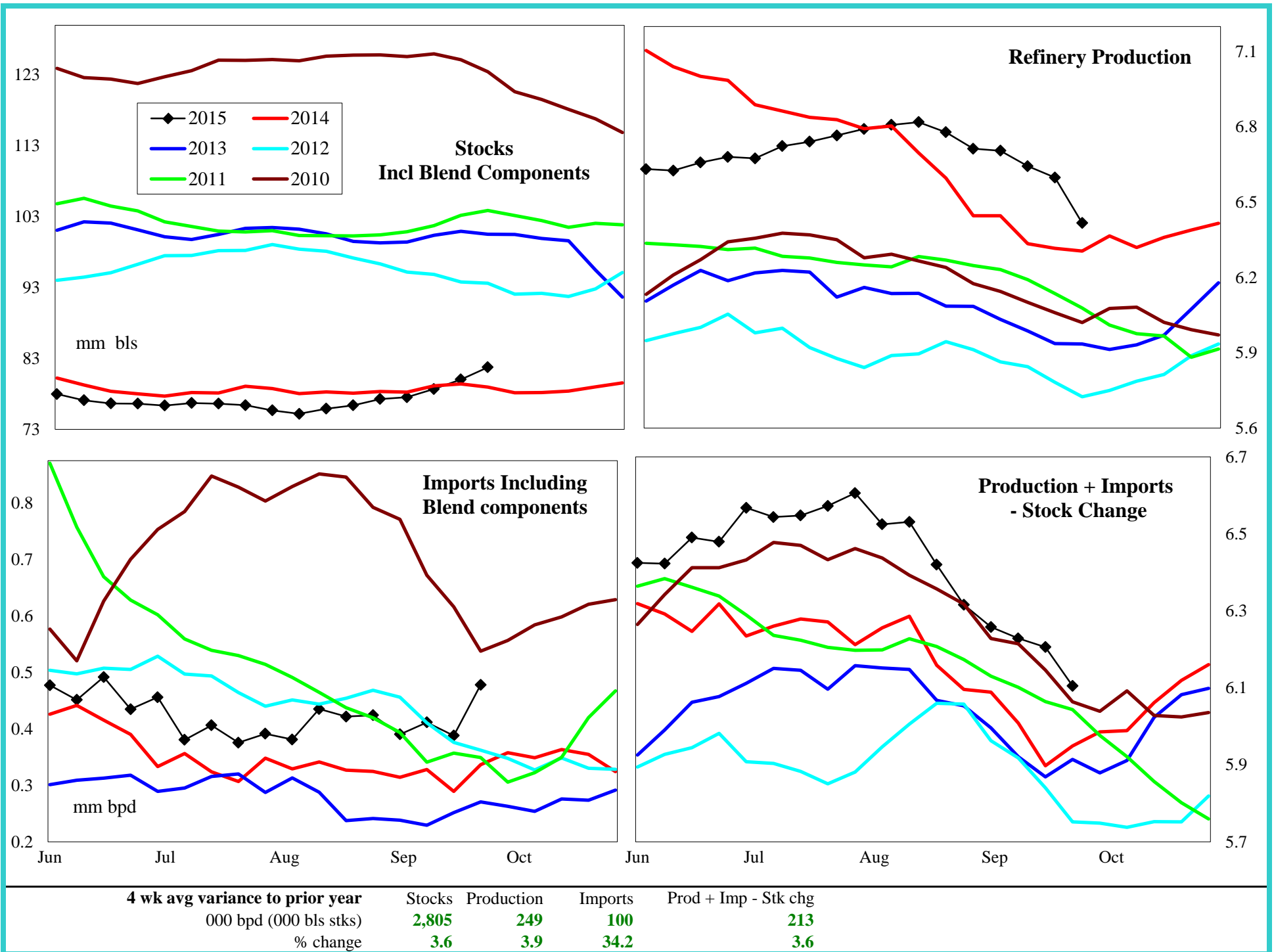
United States Gasoline Supply and Demand Balance



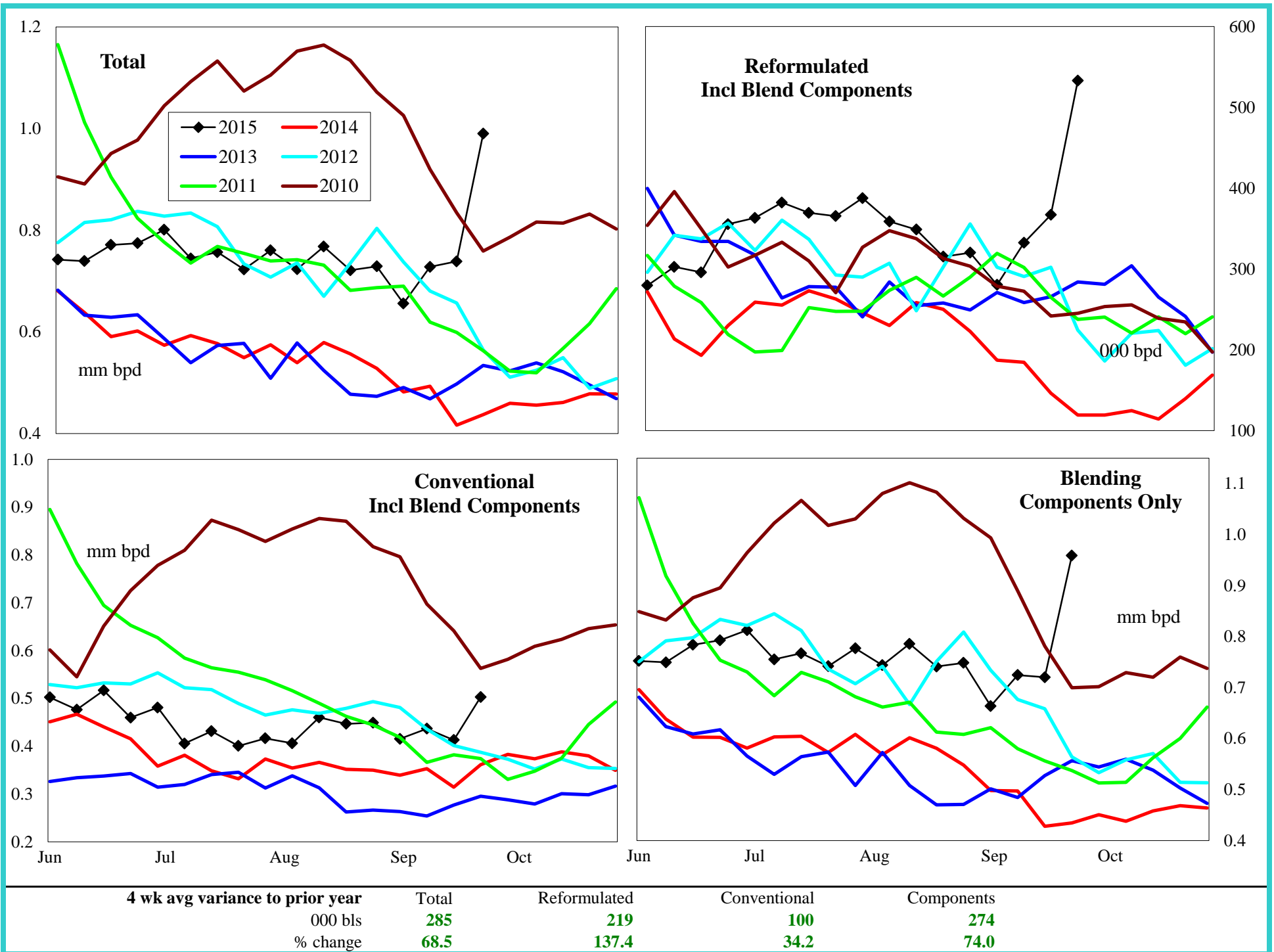
United States Reformulated Gasoline Supply



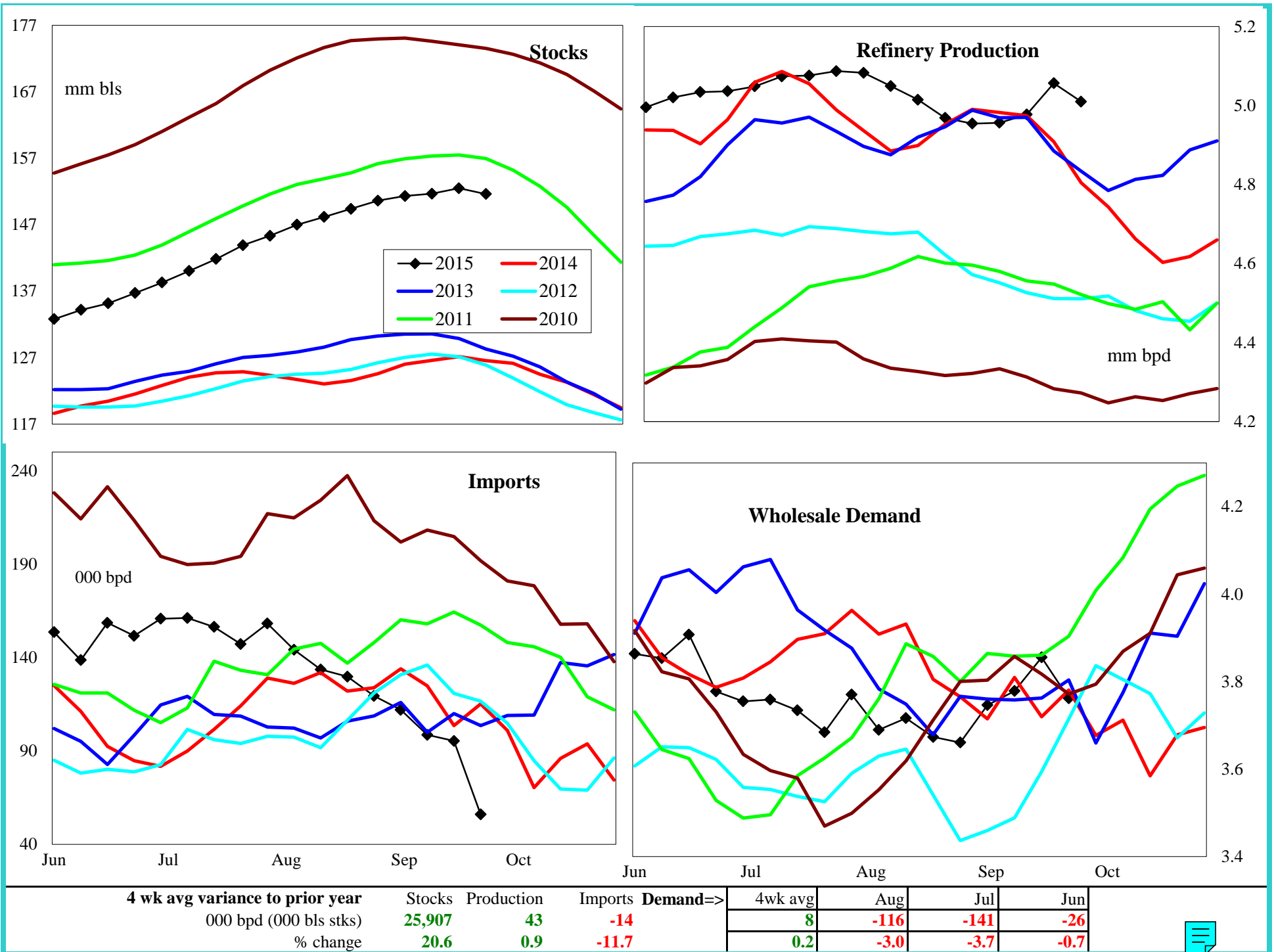
United States Conventional Gasoline Supply



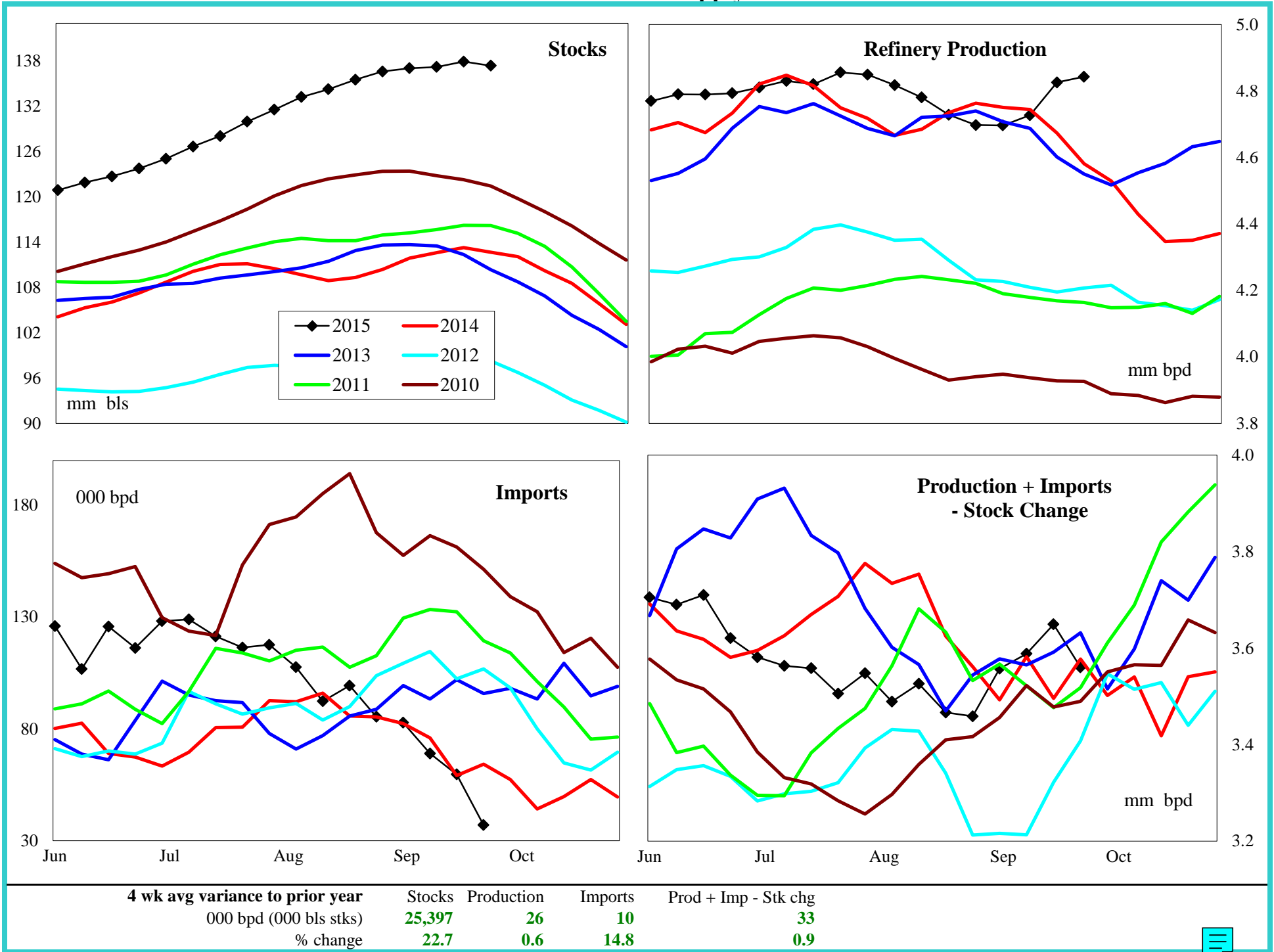
United States Gasoline Imports by Type



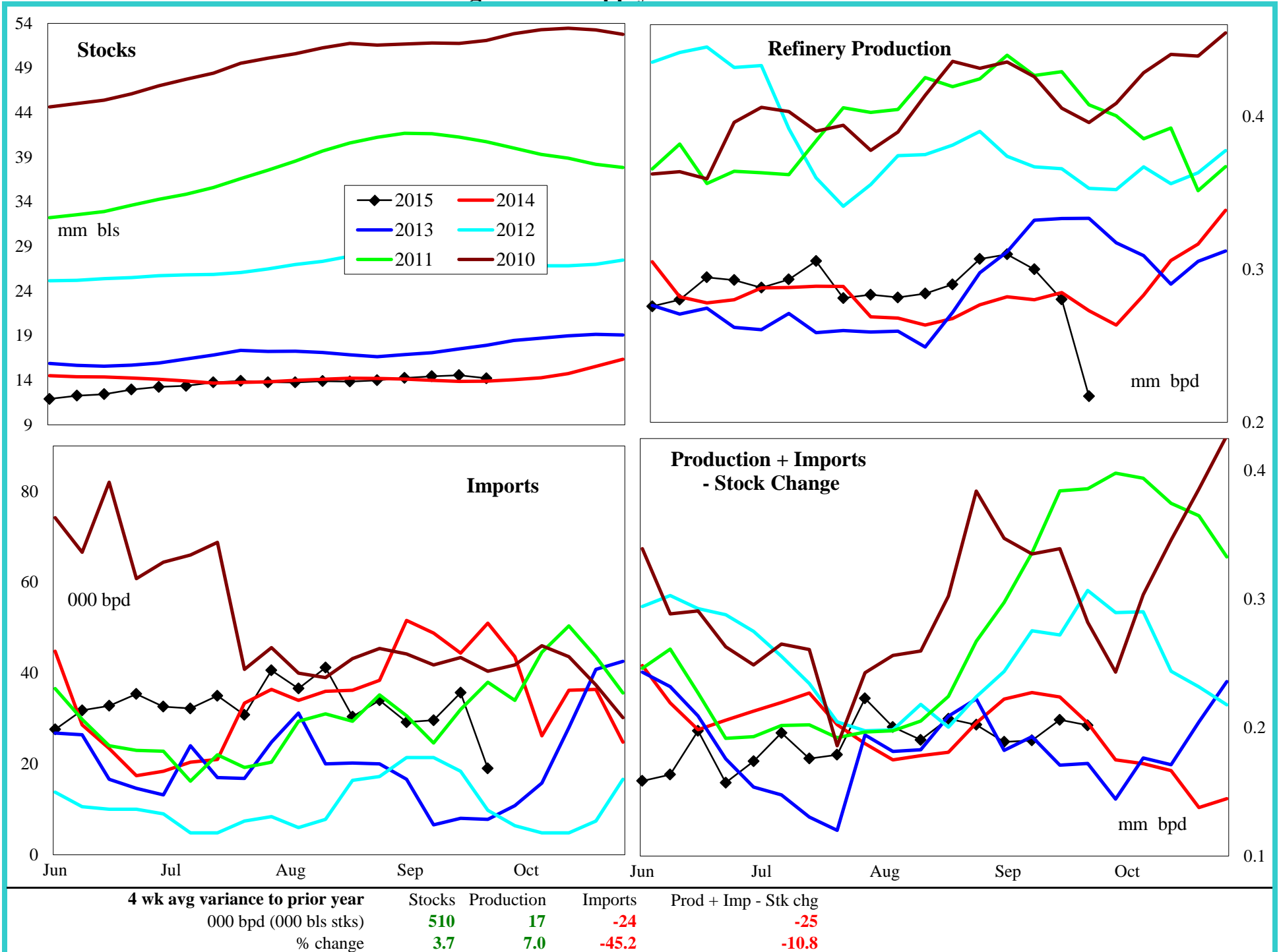
United States Distillate Supply and Demand Balance



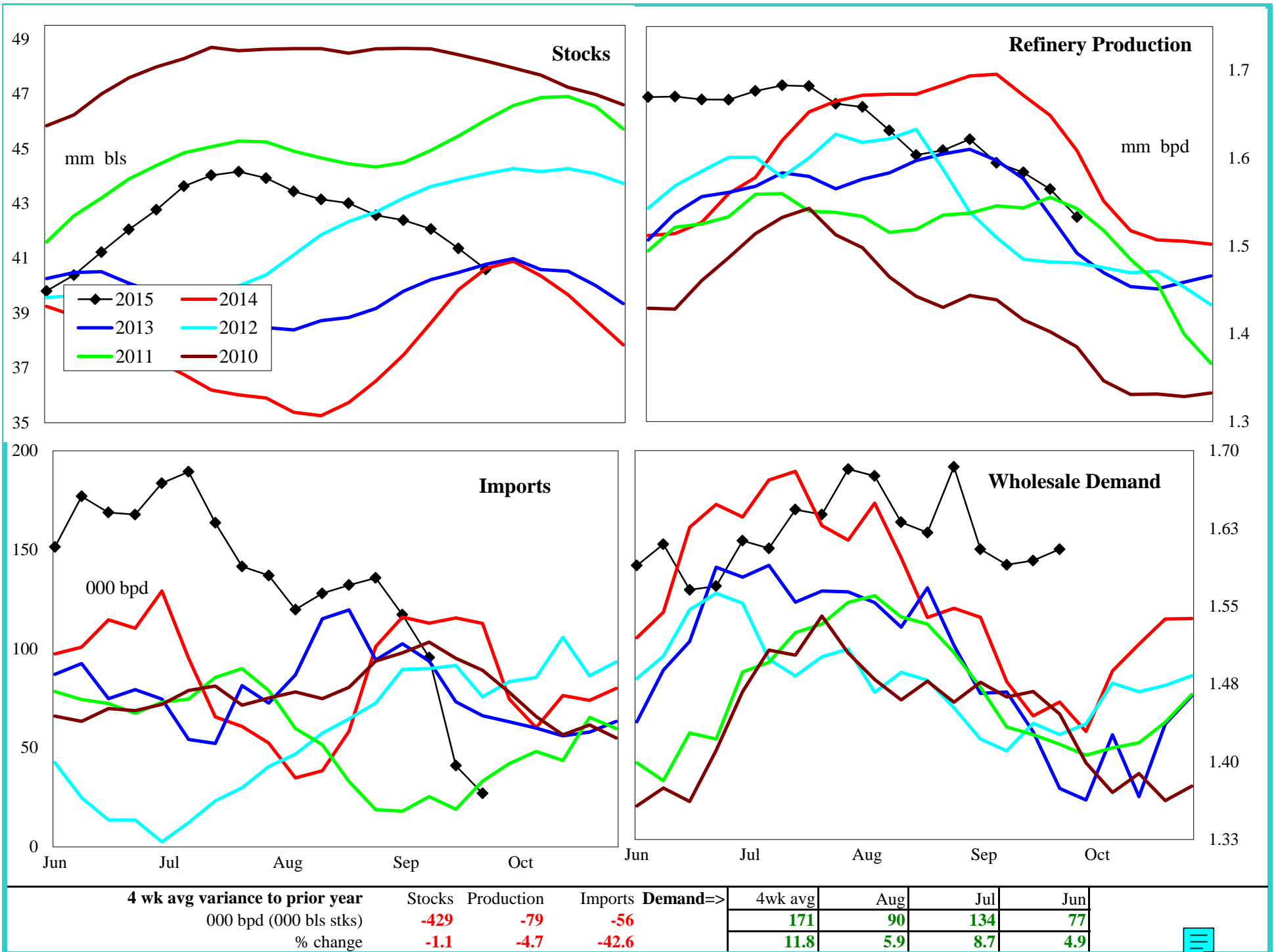
United States Low Sulfur Distillate Supply and Demand Balance



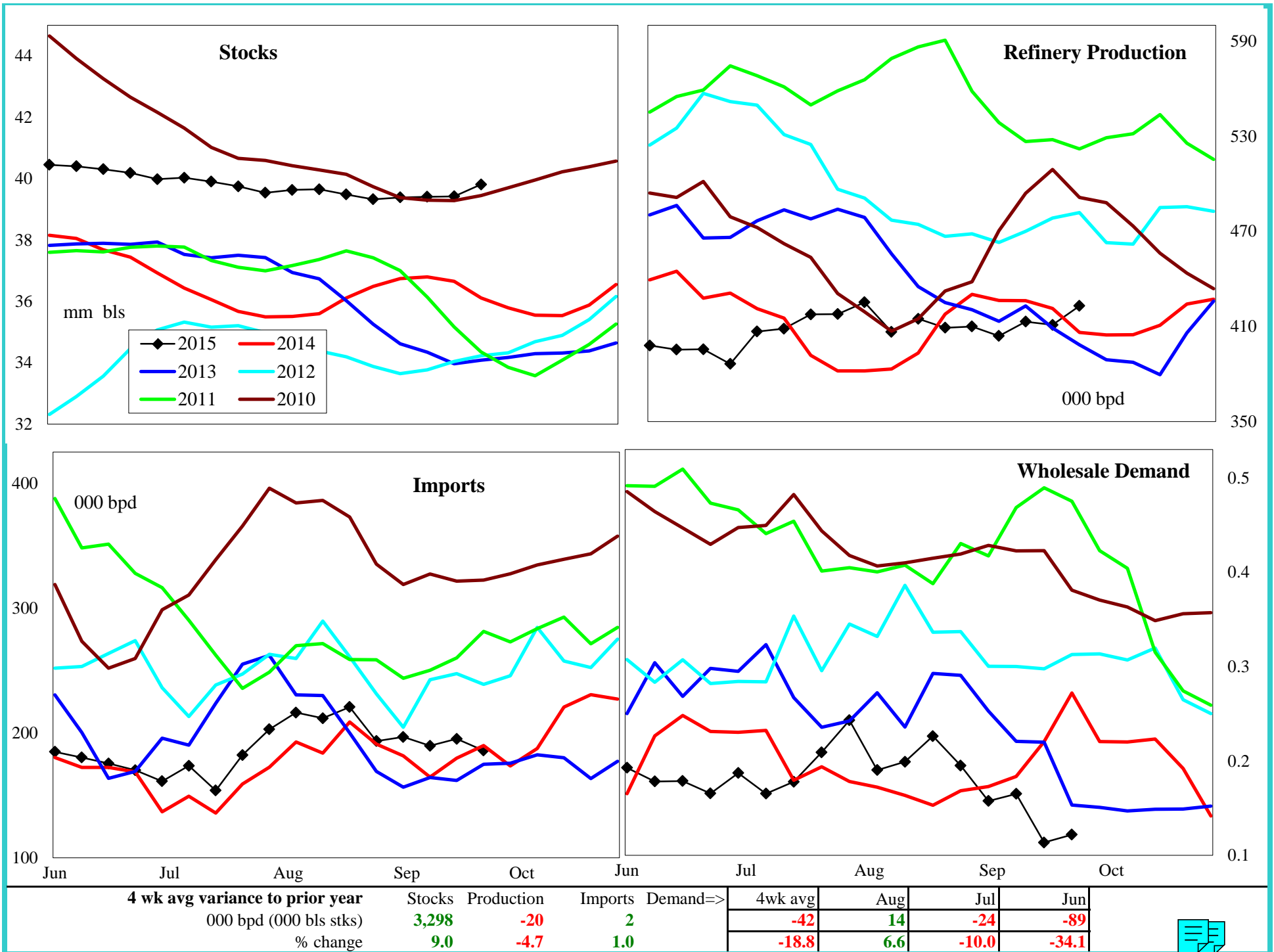
United States High Sulfur Supply Distillate and Demand Balance



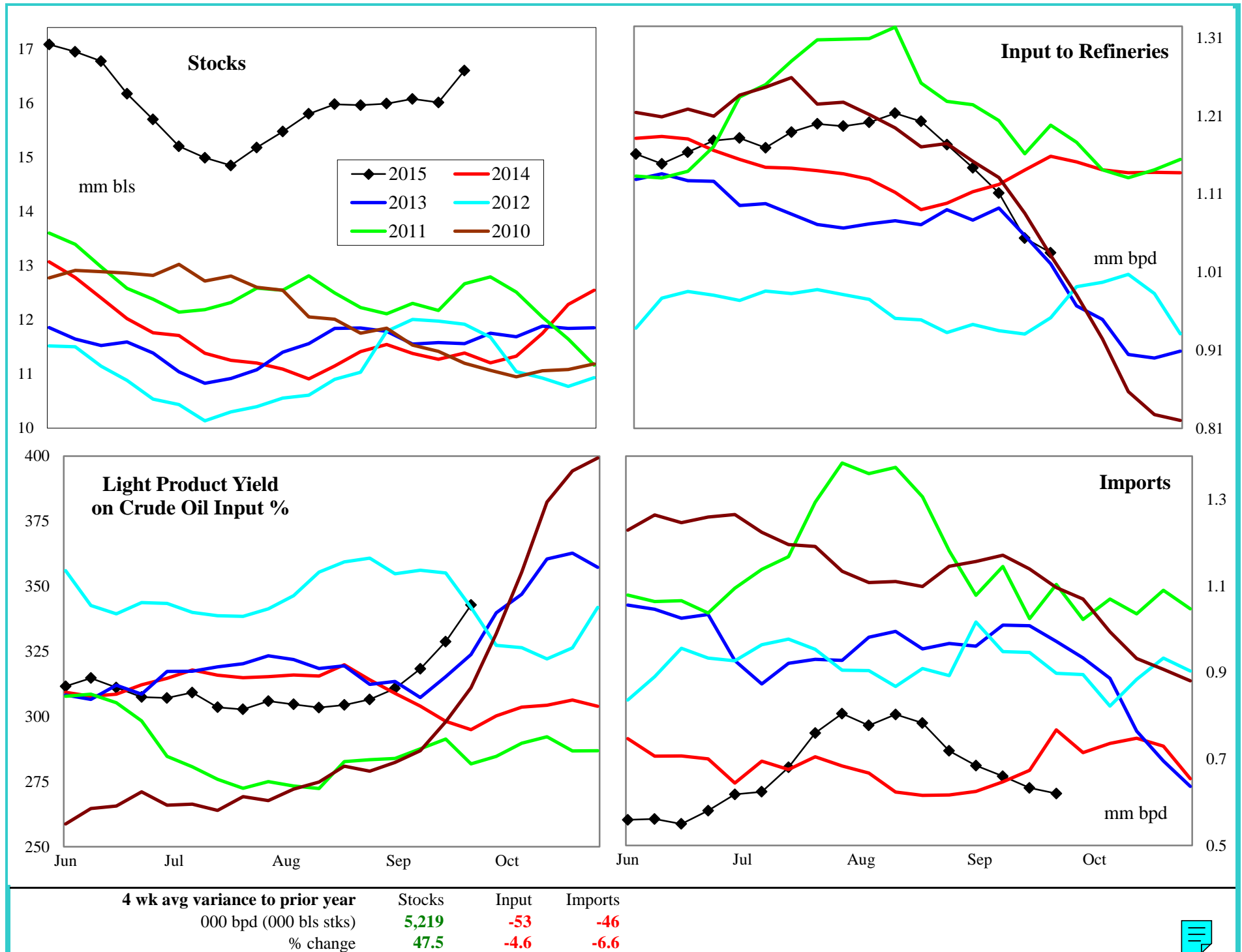
United States Jet Fuel Supply and Demand Balance



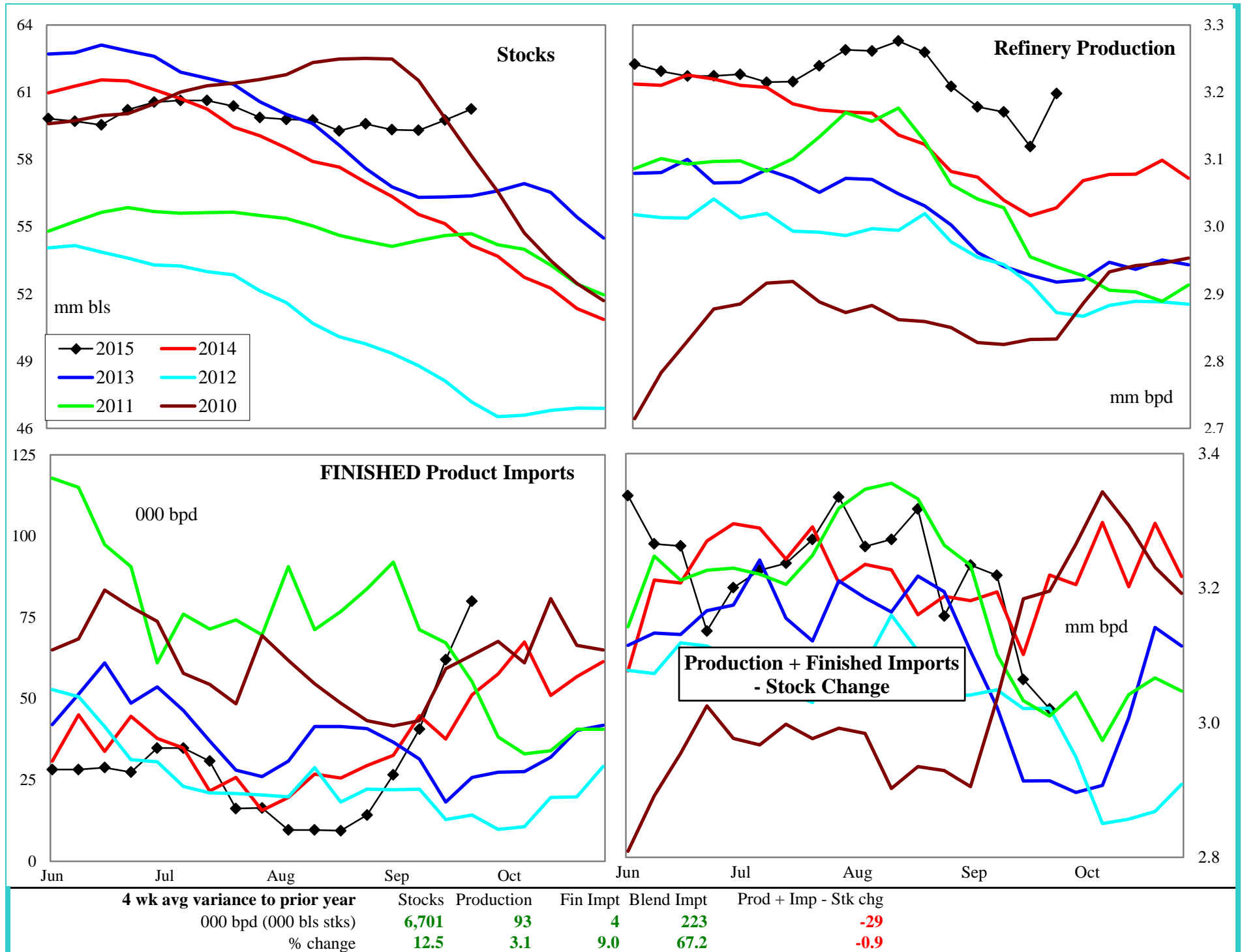
United States Residual Fuel Supply and Demand Balance



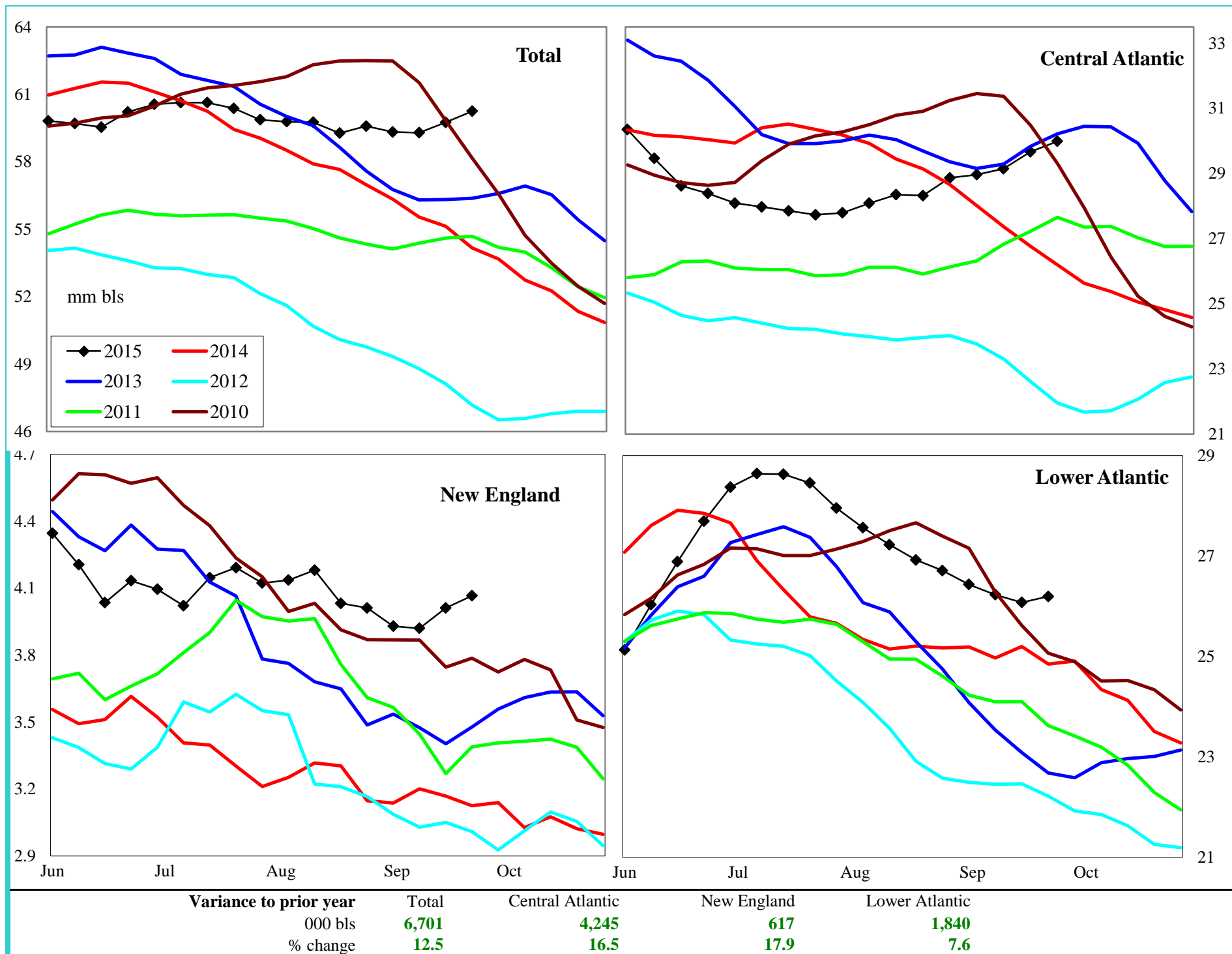
PADD 1 Crude Oil Supply and Refining



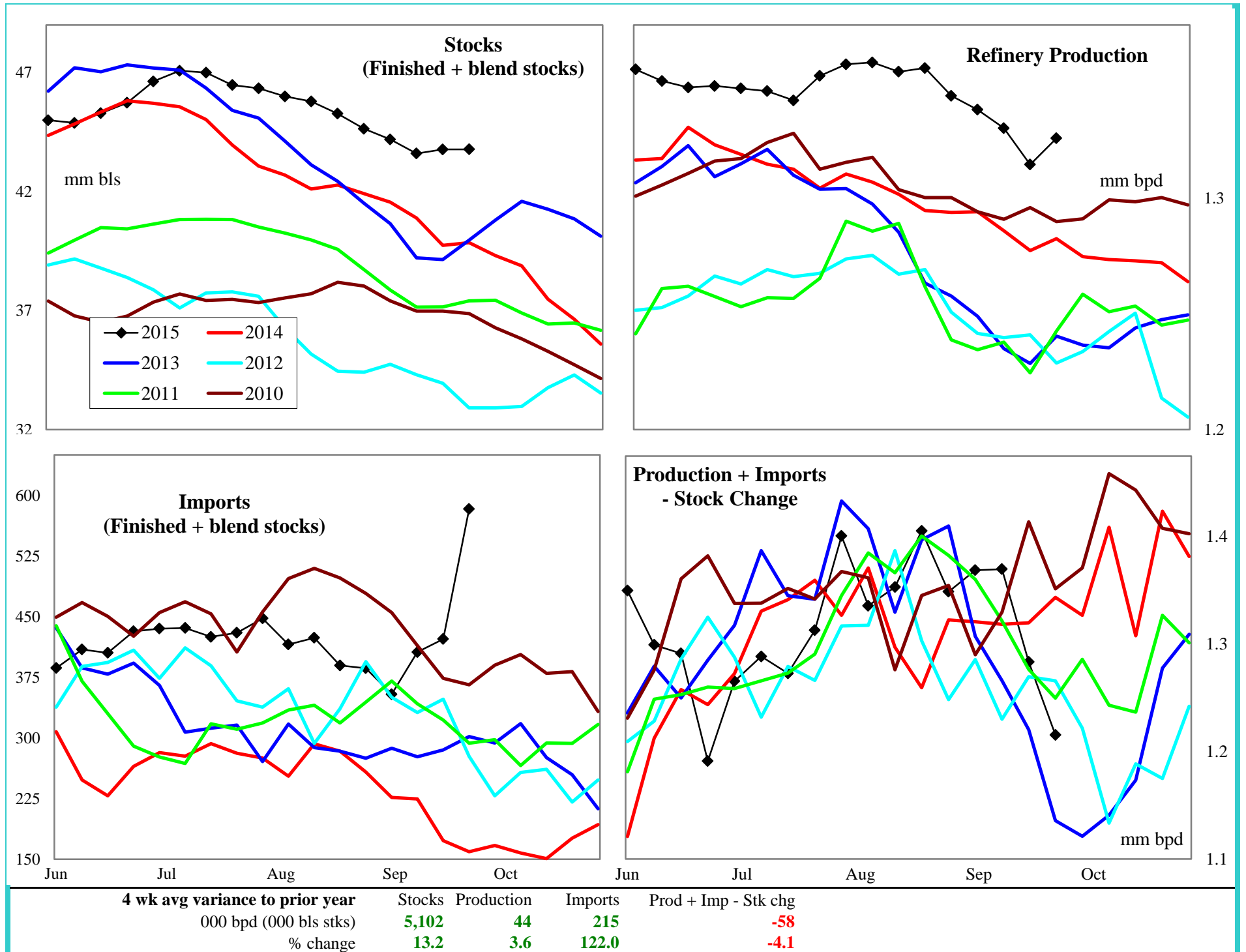
PADD 1 Gasoline Supply



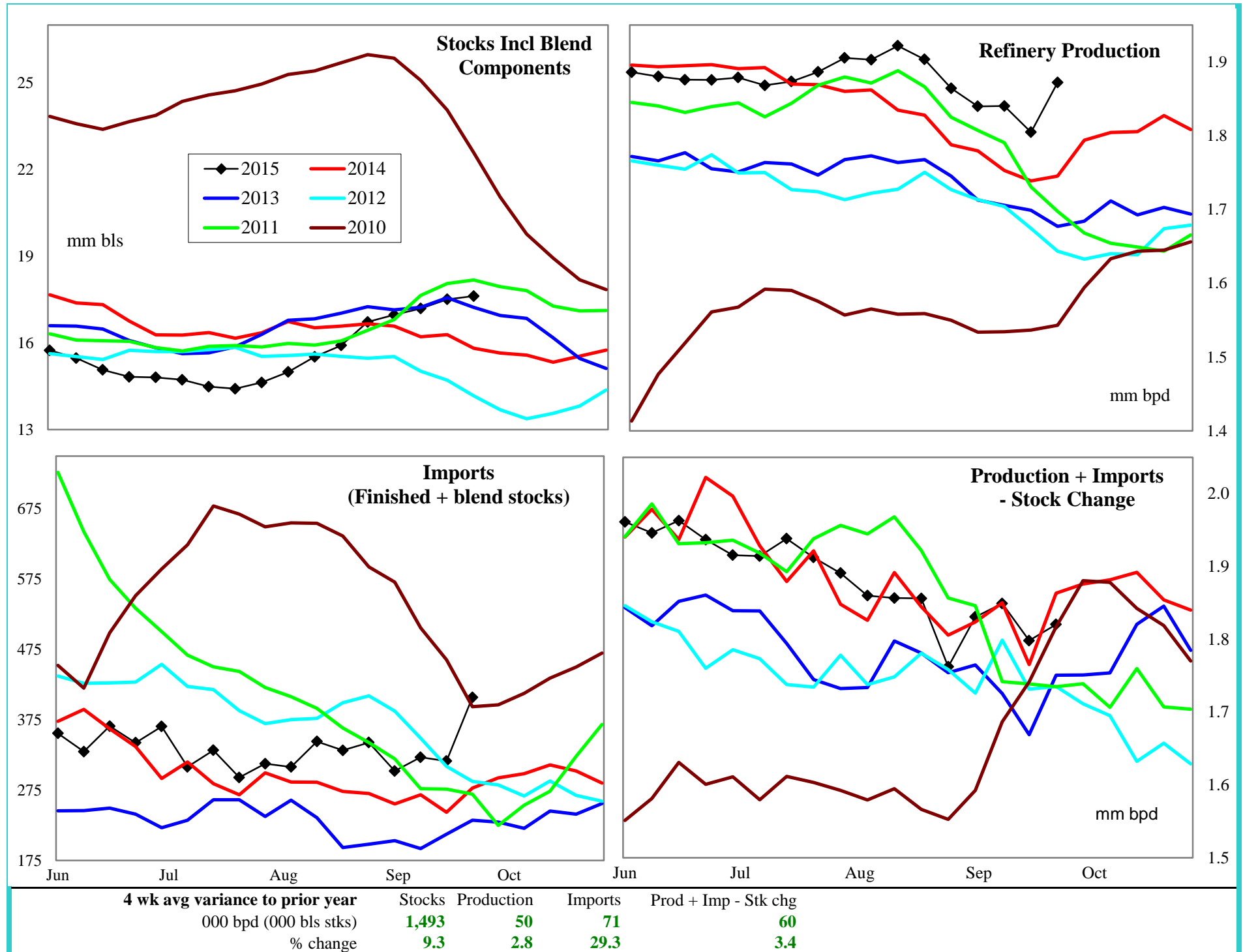
PADD 1 Gasoline Stocks by Region



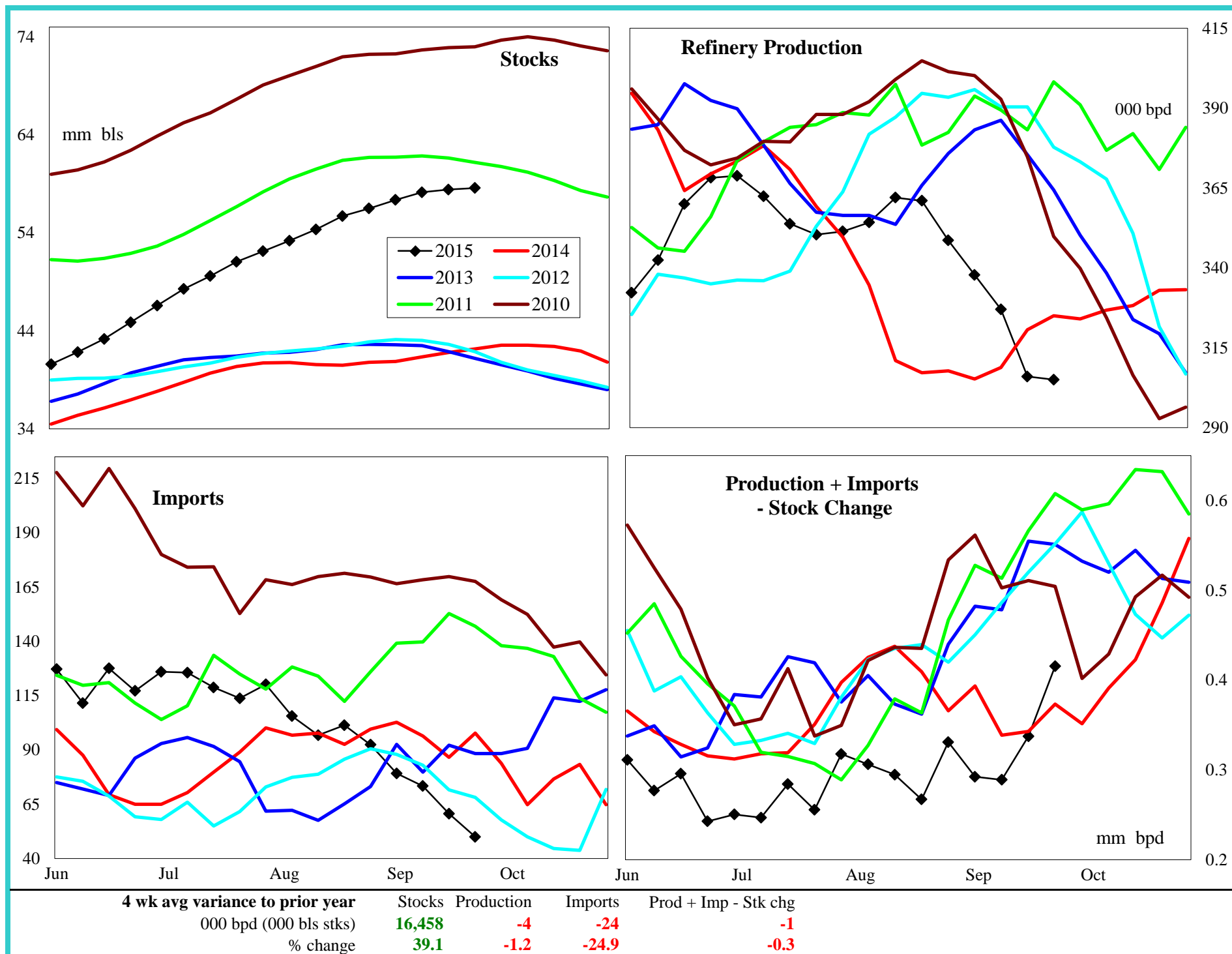
PADD 1 Reformulated Gasoline Supply



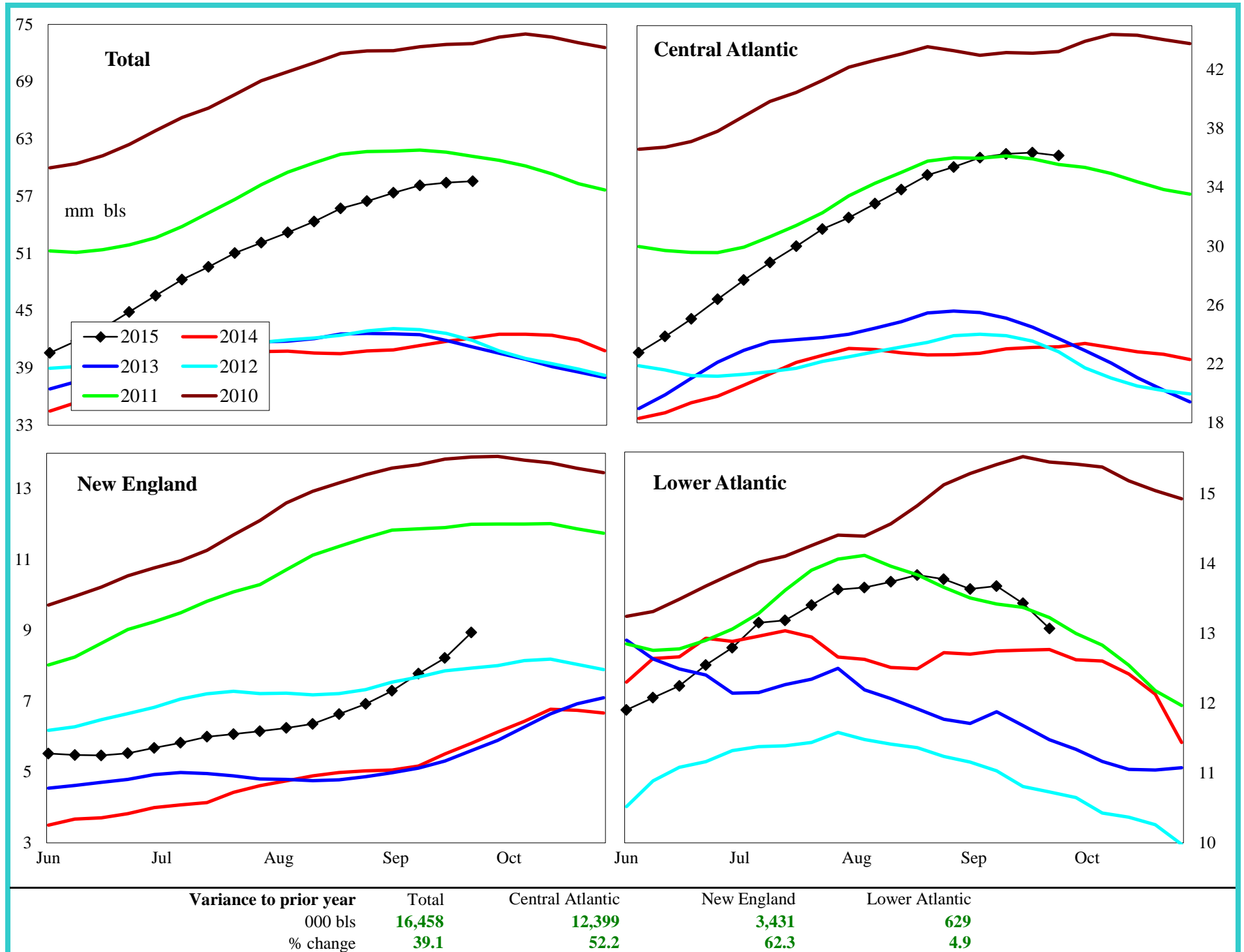
PADD 1 Conventional Gasoline Supply



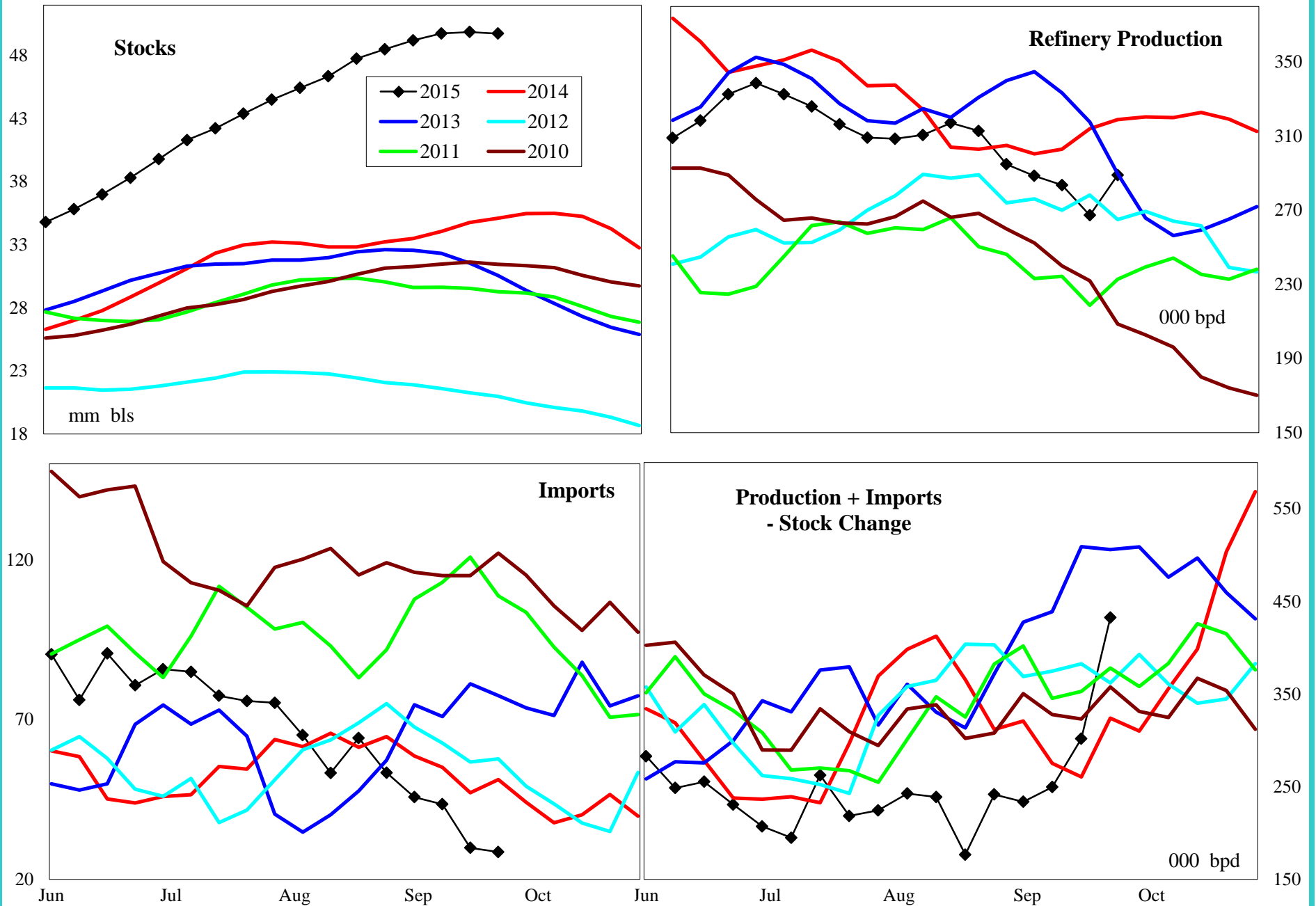
PADD 1 Distillate Supply



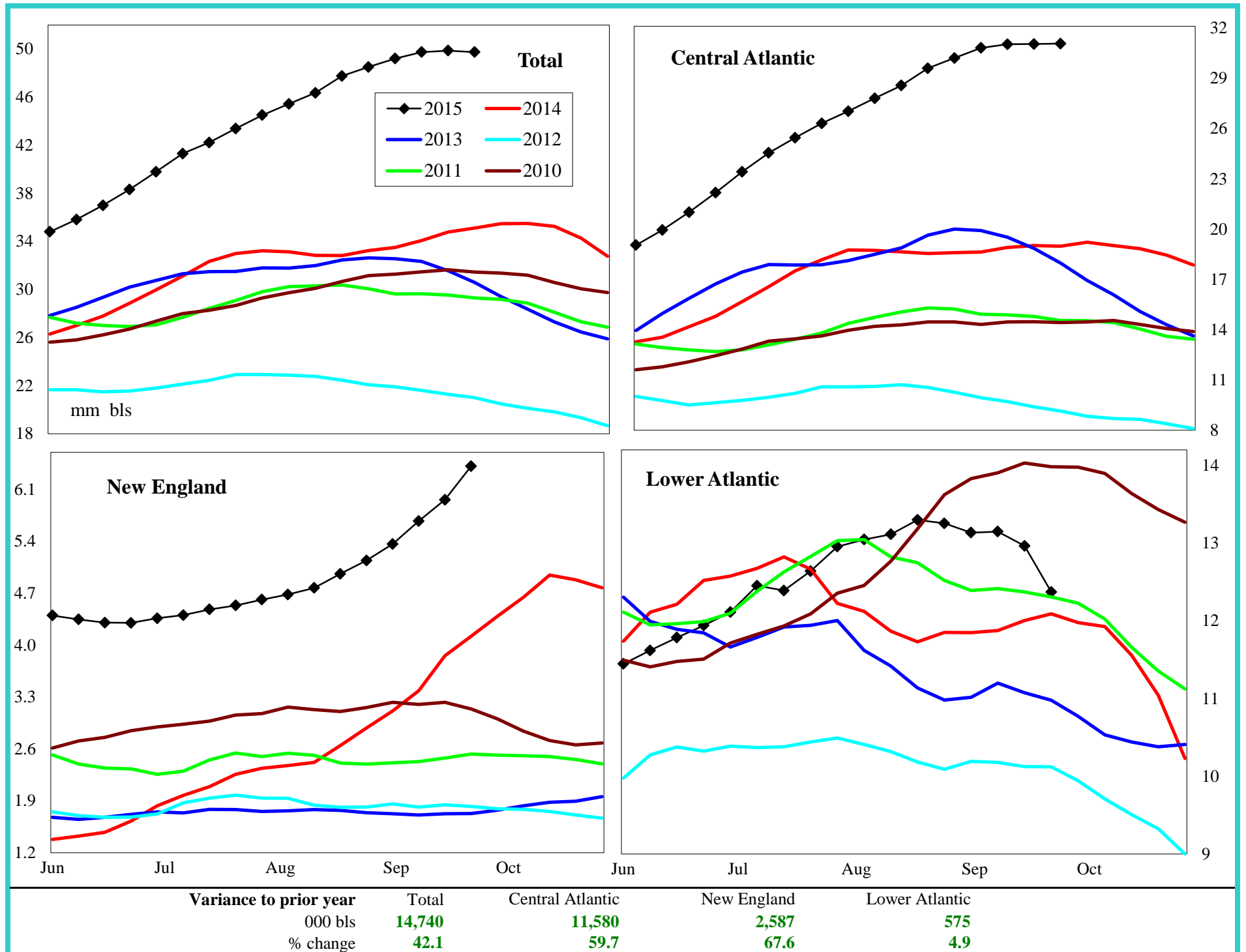
PADD 1 Distillate Stocks by Region



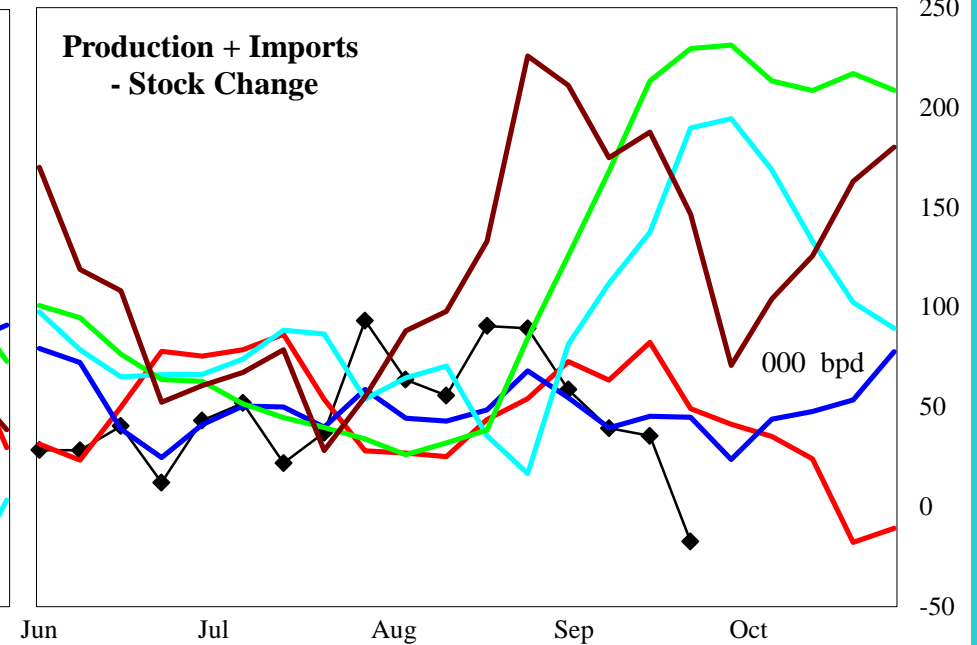
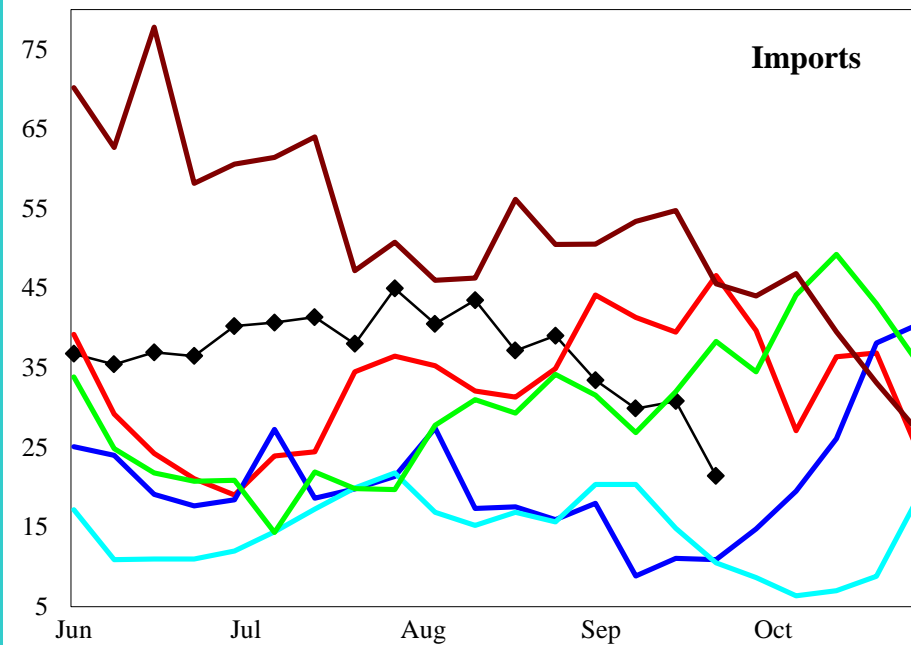
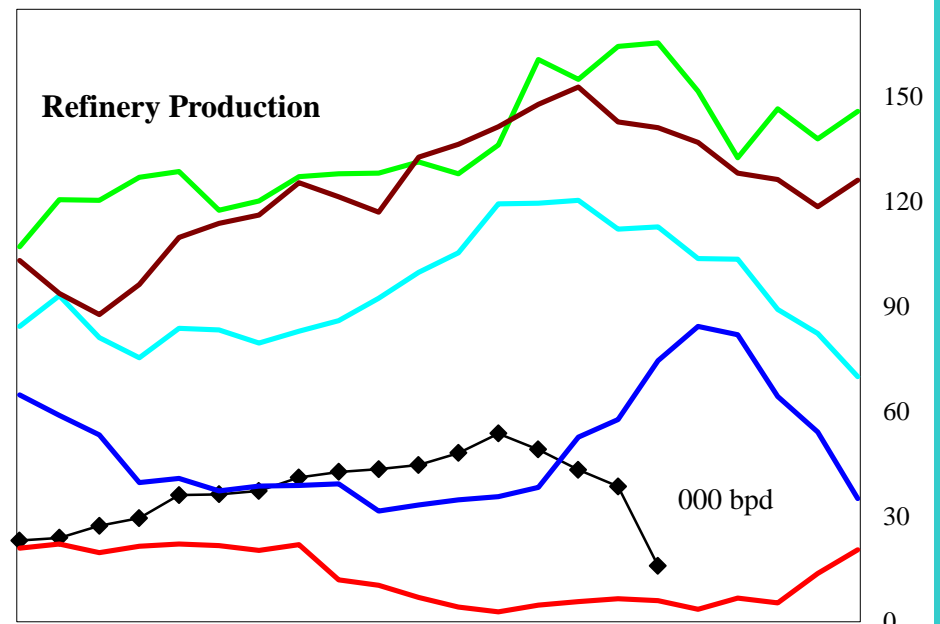
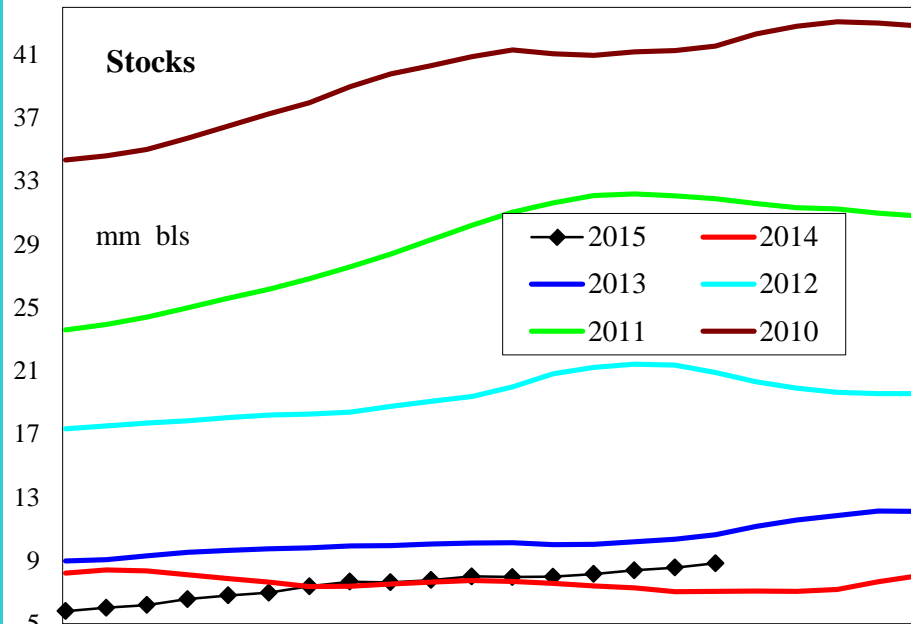
PADD 1 Low Sulfur Distillate Supply



PADD 1 Low Sulfur Distillate Stocks by Region



PADD 1 High Sulfur Distillate Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

1,718

40

-17

-39

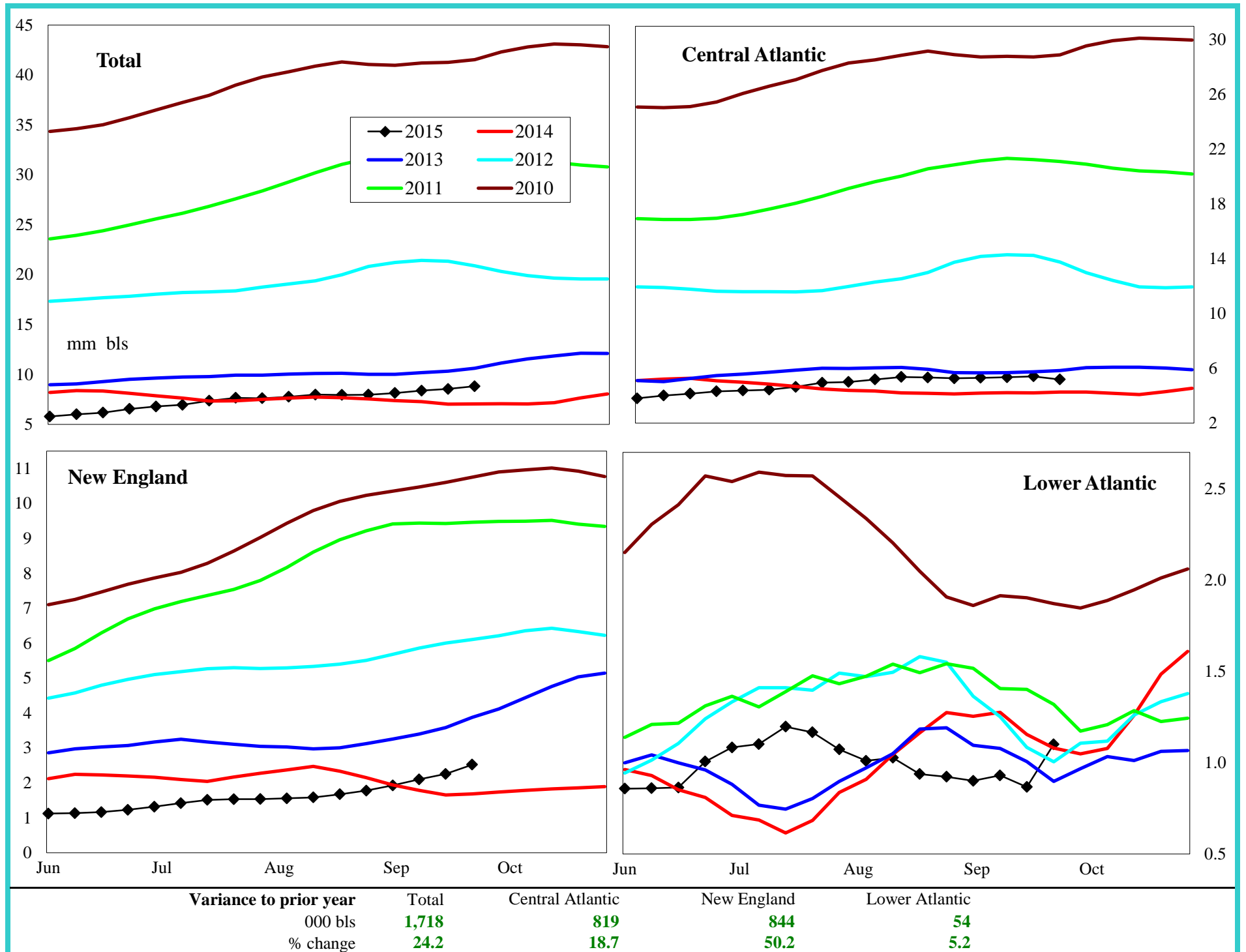
24.2

718.2

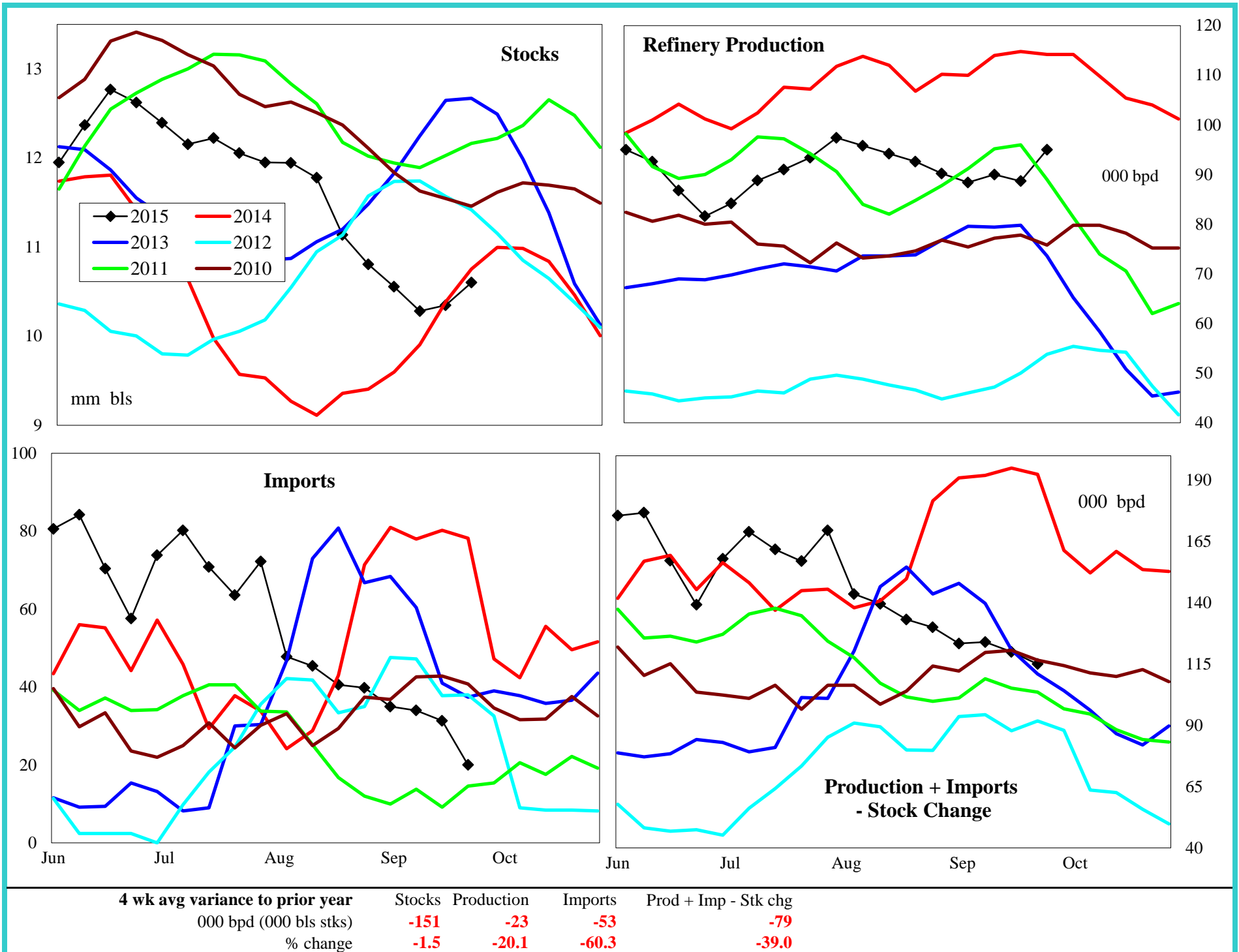
-37.9

-44.2

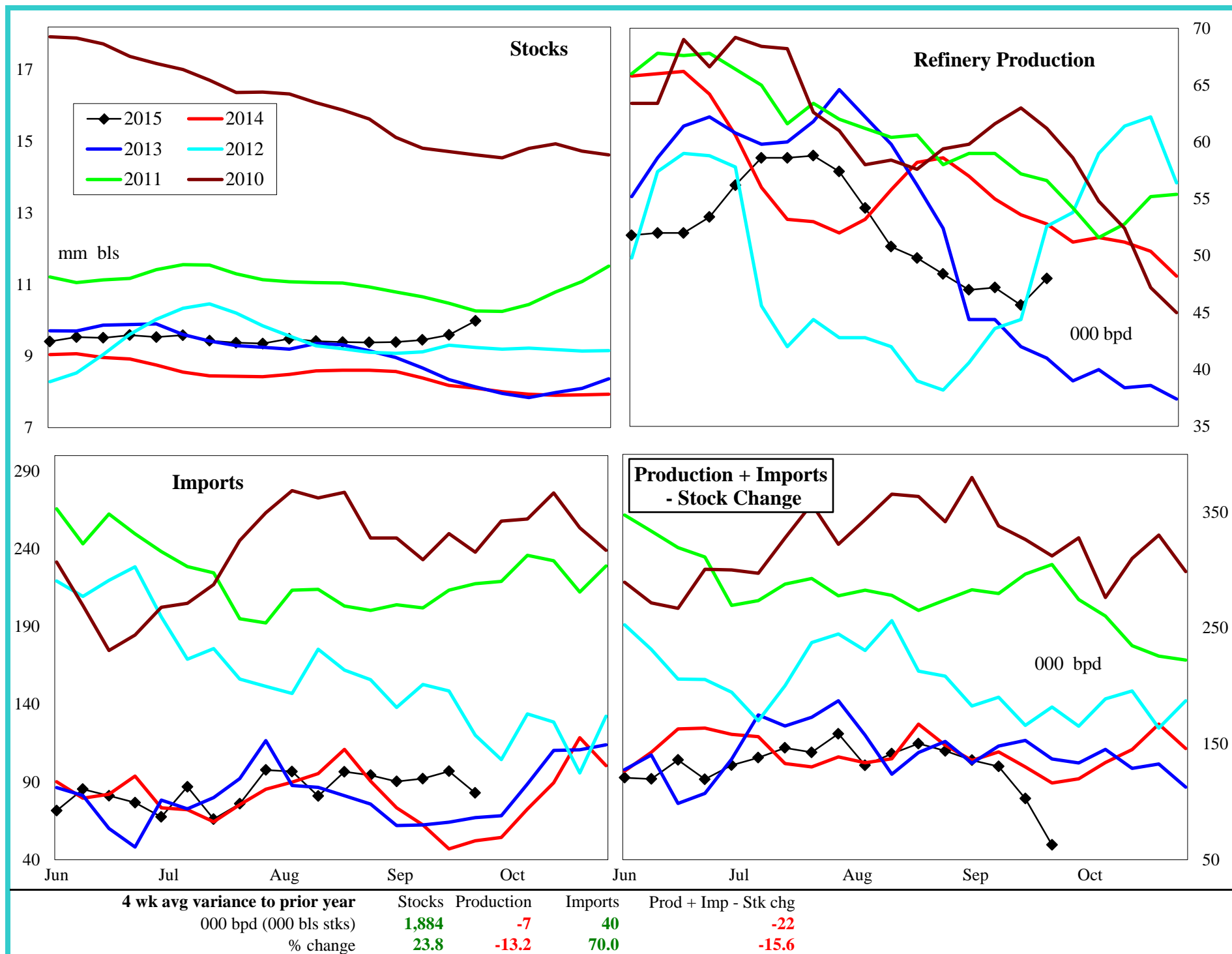
PADD 1 High Sulfur Distillate Stocks by Region



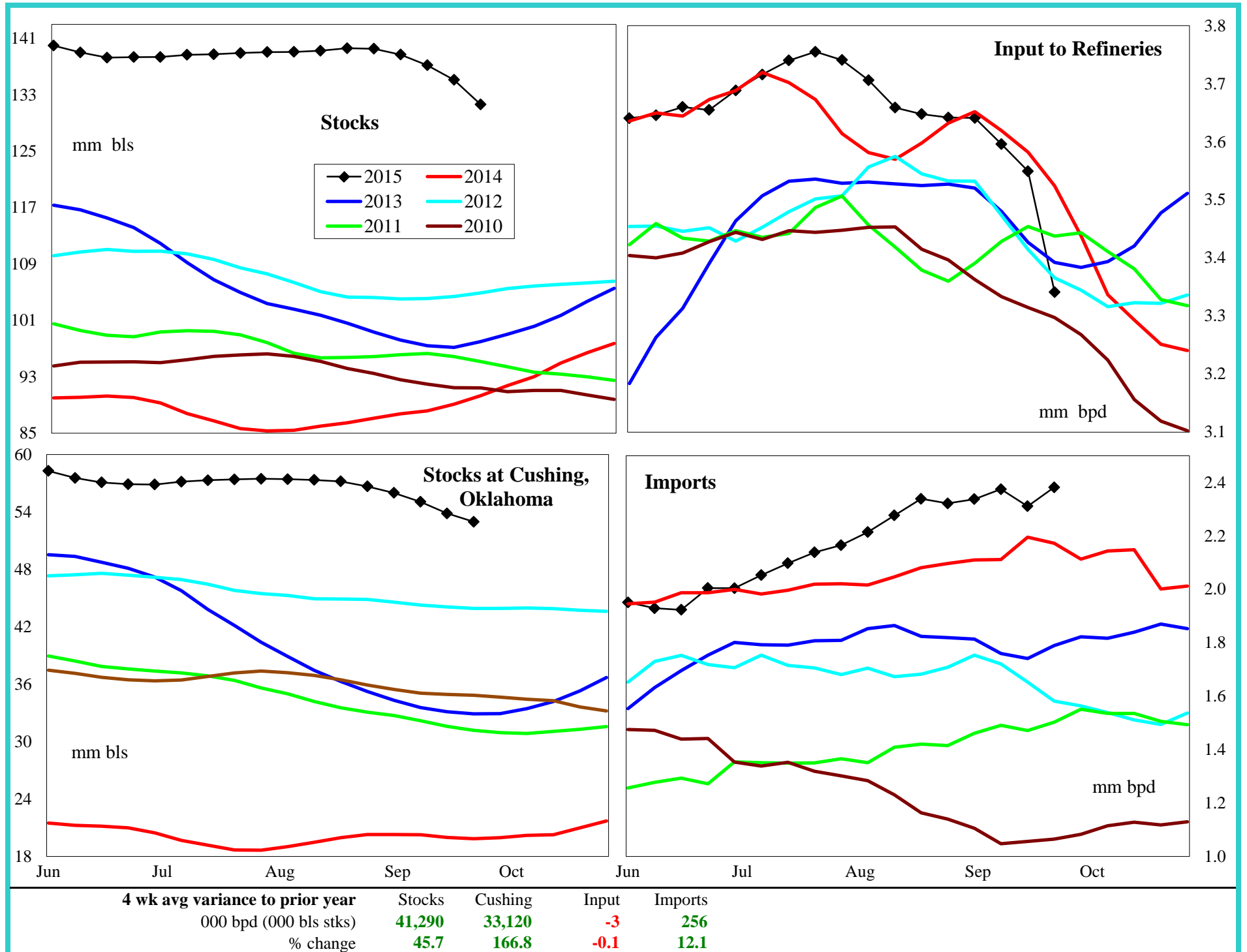
PADD 1 Jet Fuel Supply



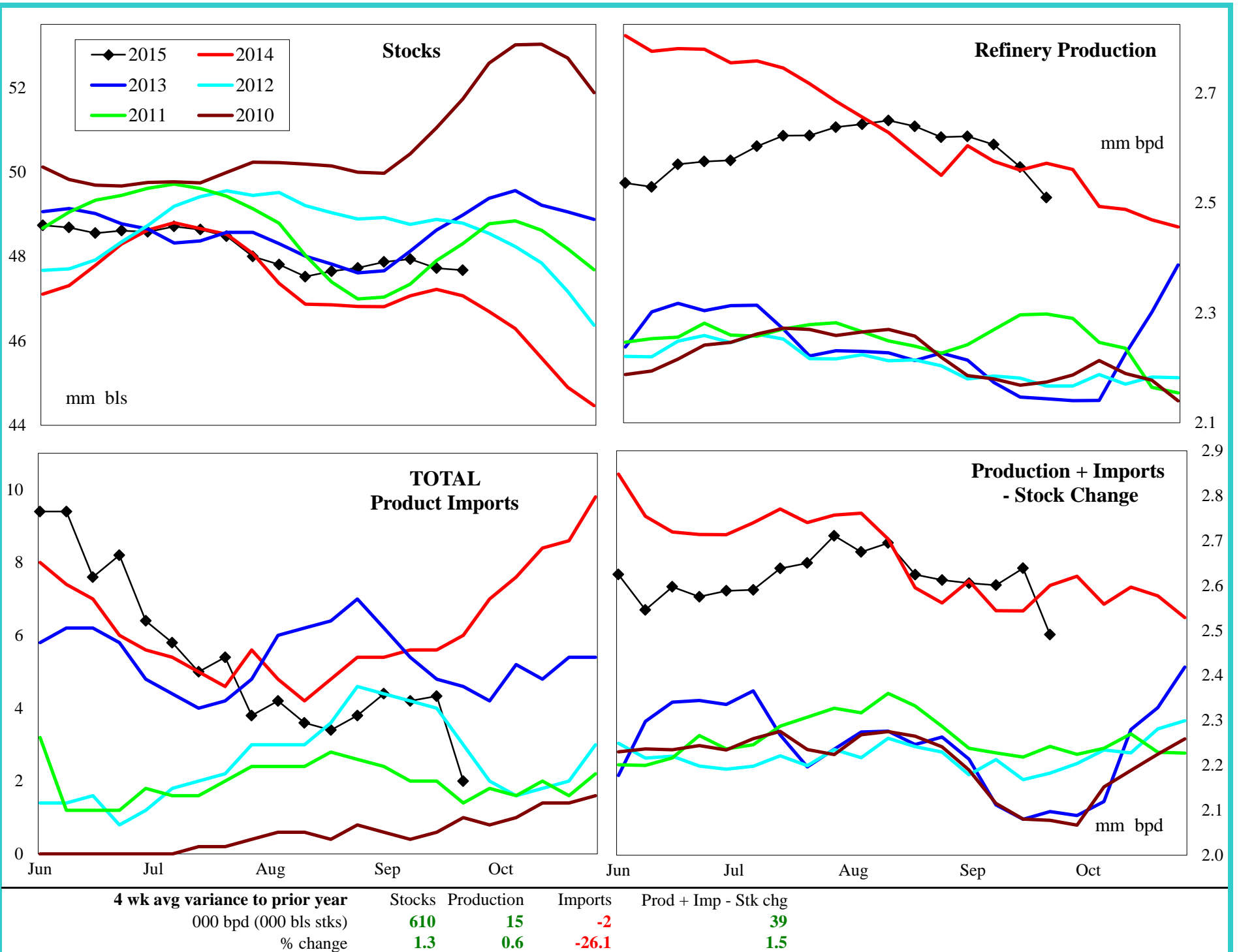
PADD 1 Residual Fuel Oil Supply



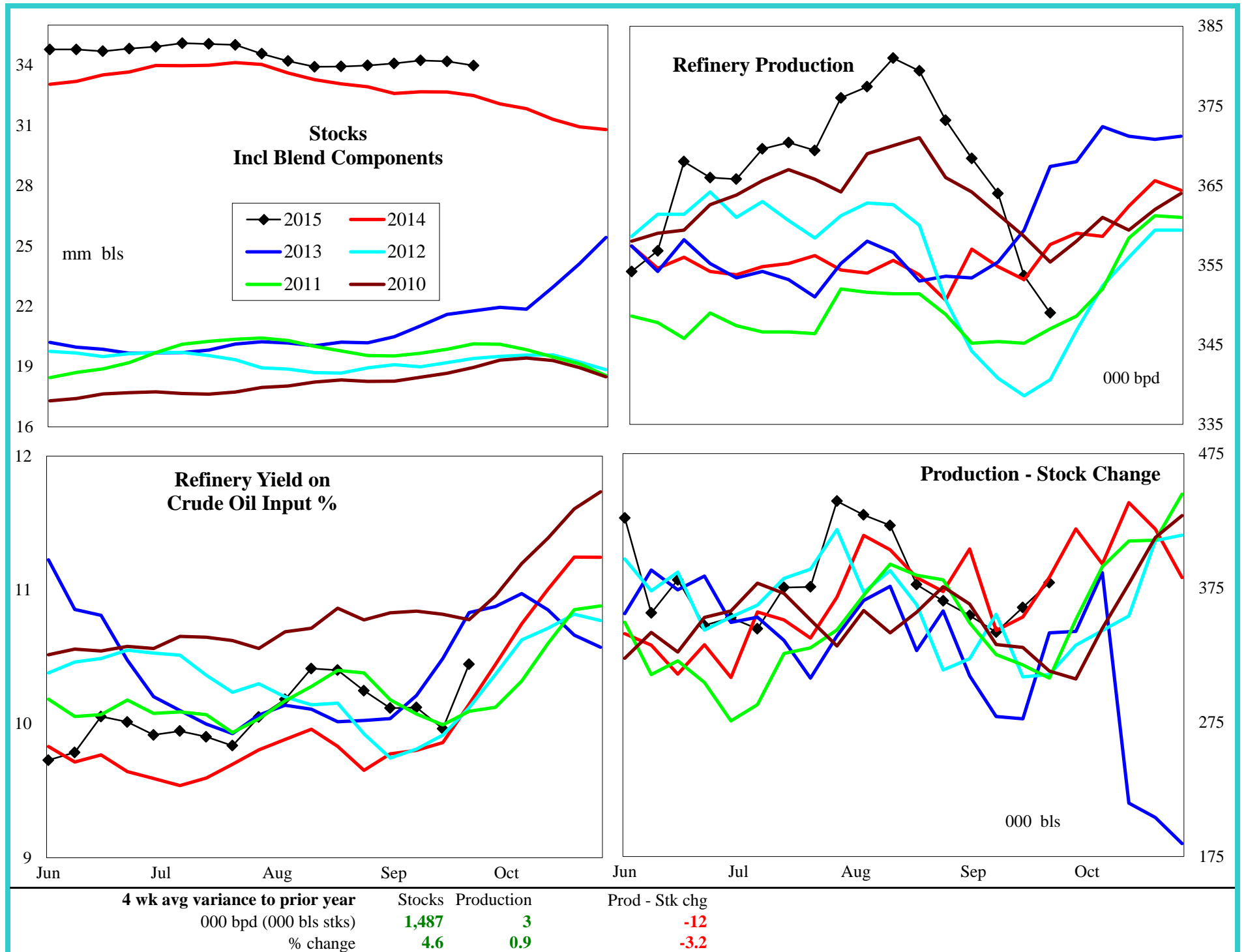
PADD 2 Crude Oil Supply and Refining



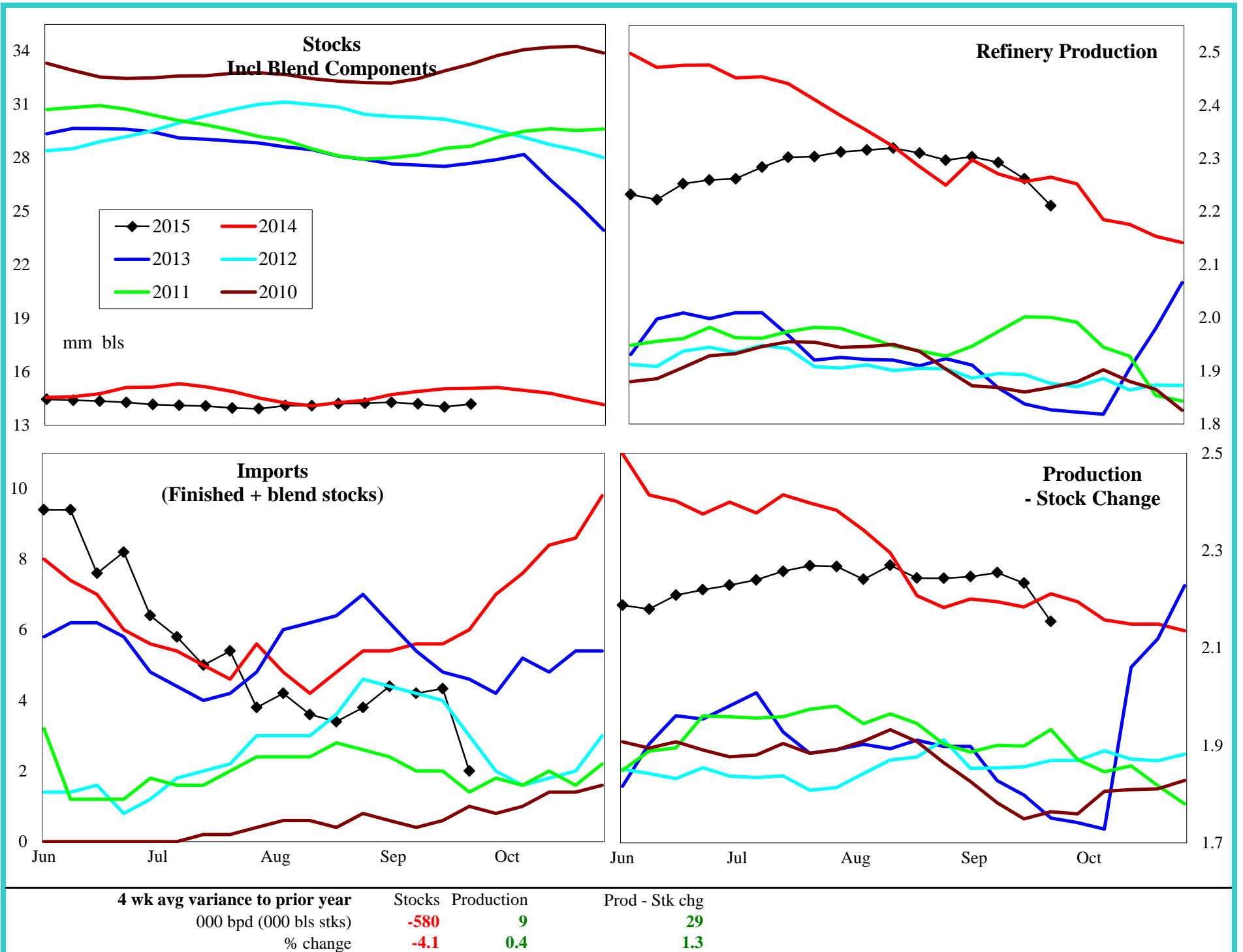
PADD 2 Gasoline Supply



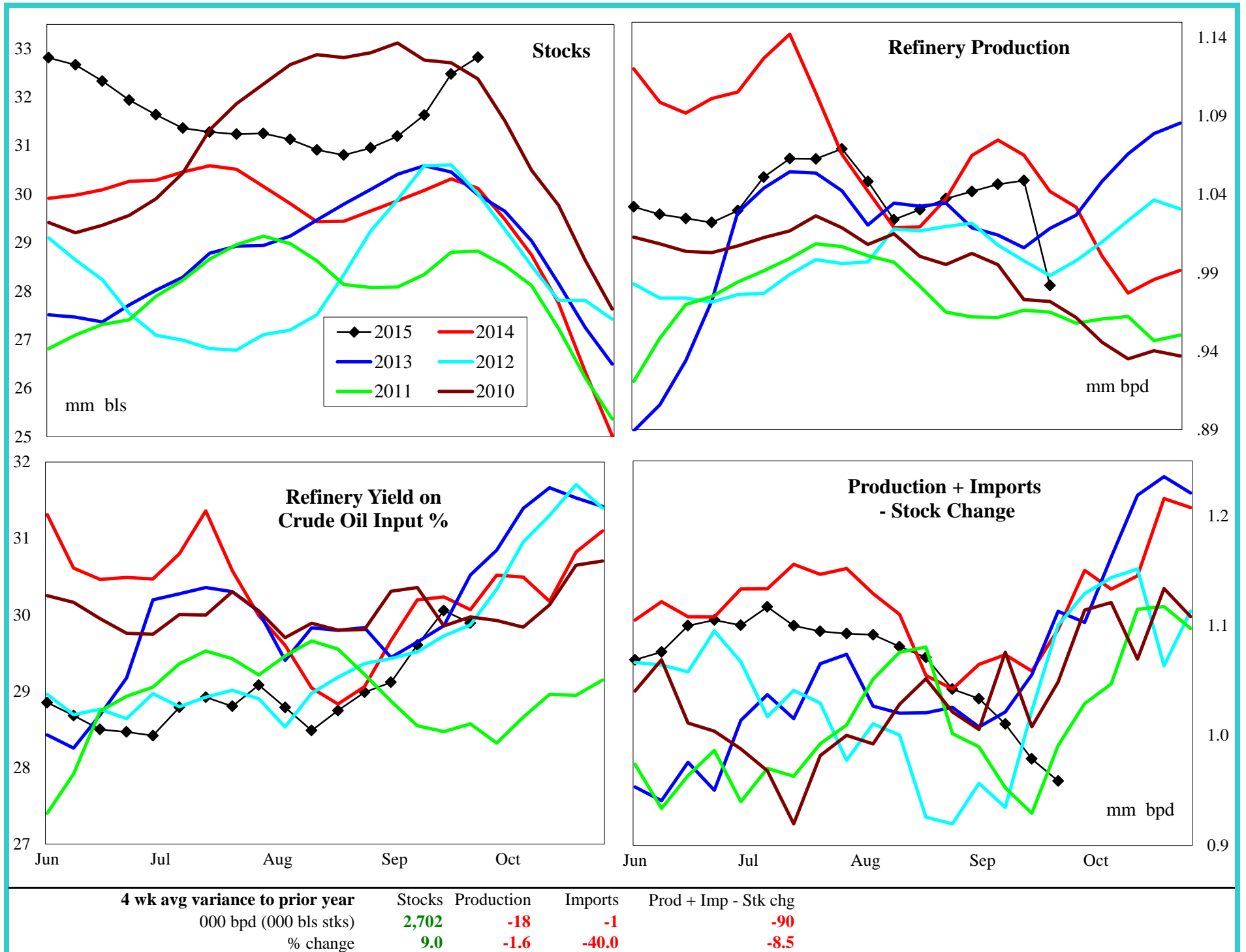
PADD 2 Reformulated Gasoline Supply



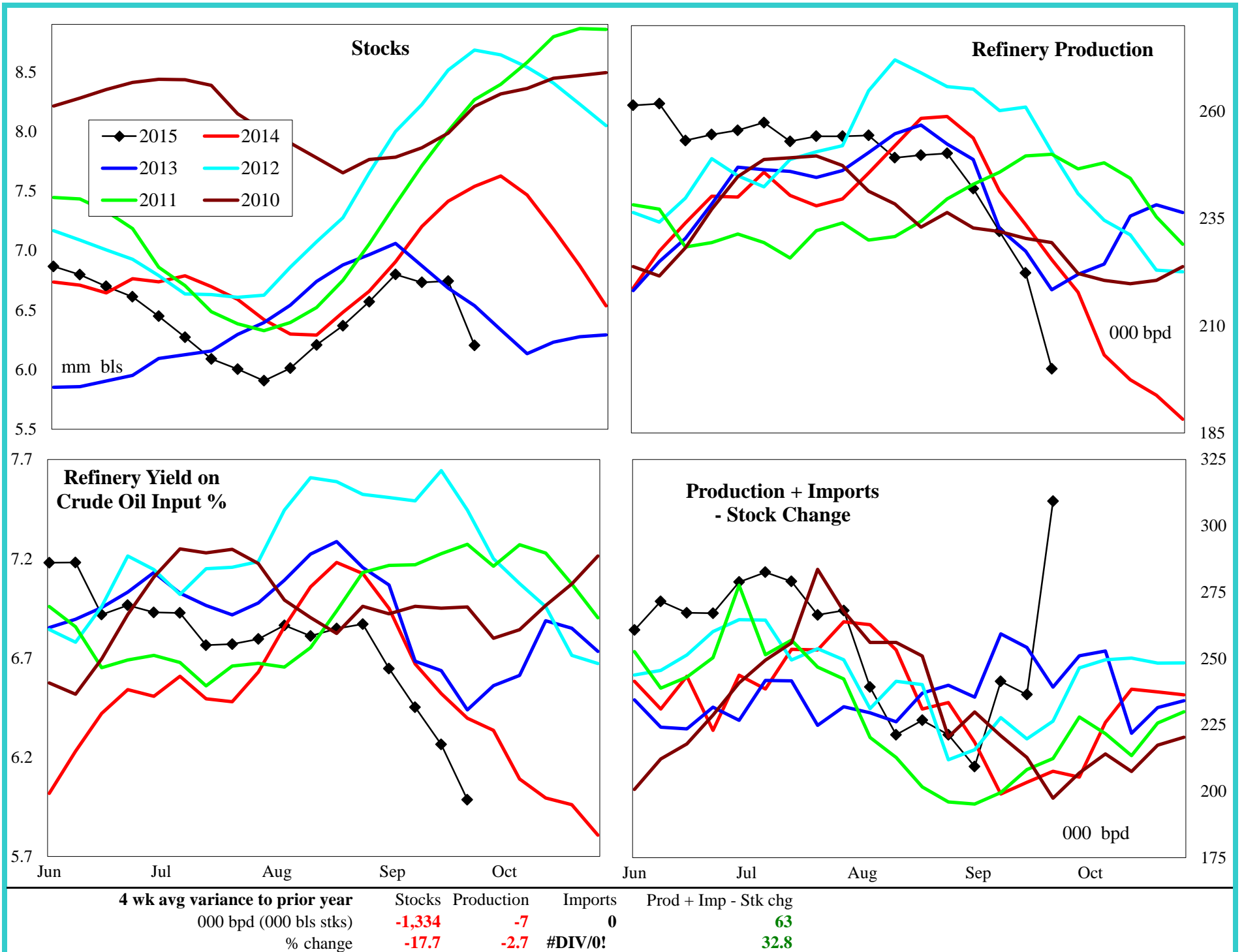
PADD 2 Conventional Gasoline Supply



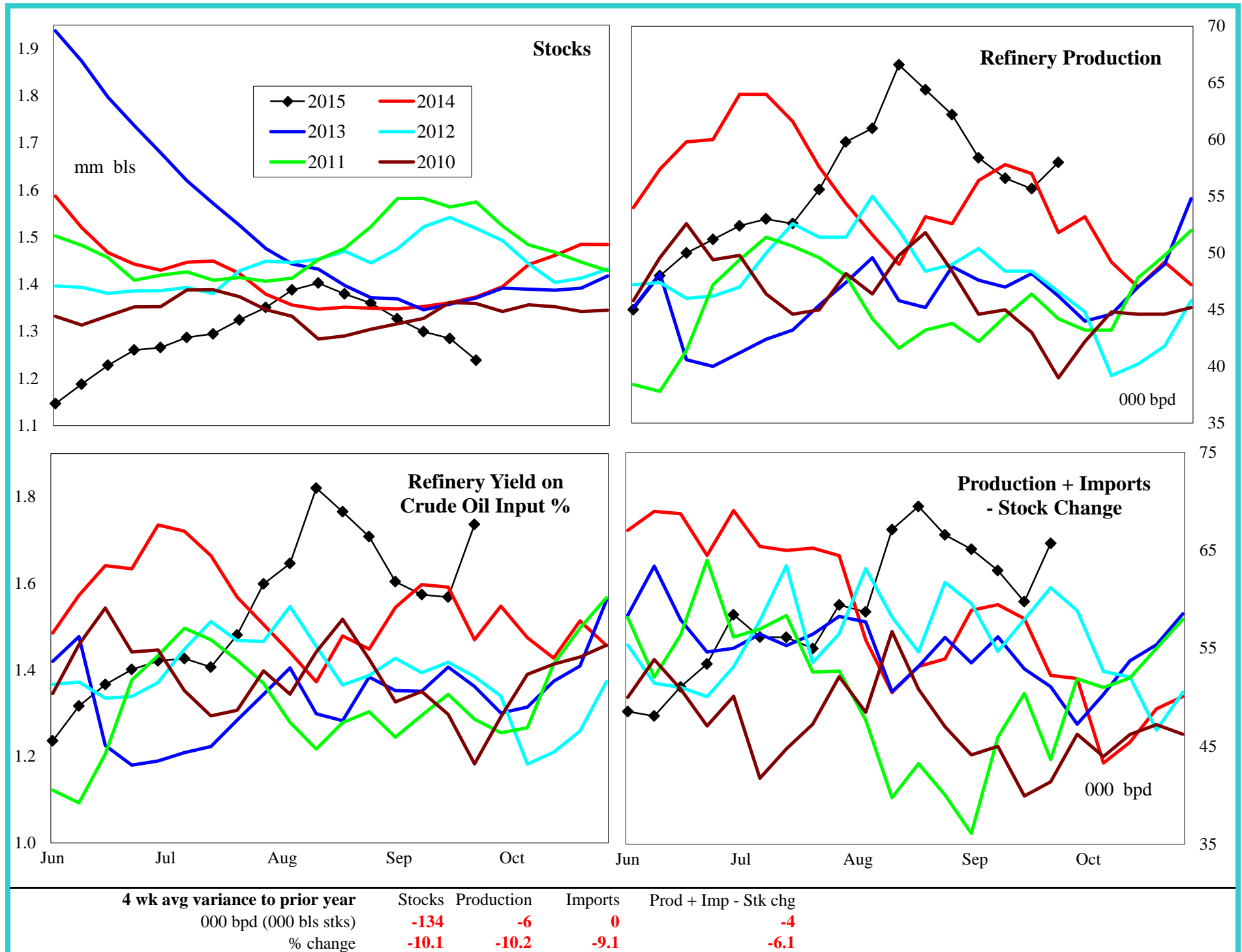
PADD 2 Distillate Supply



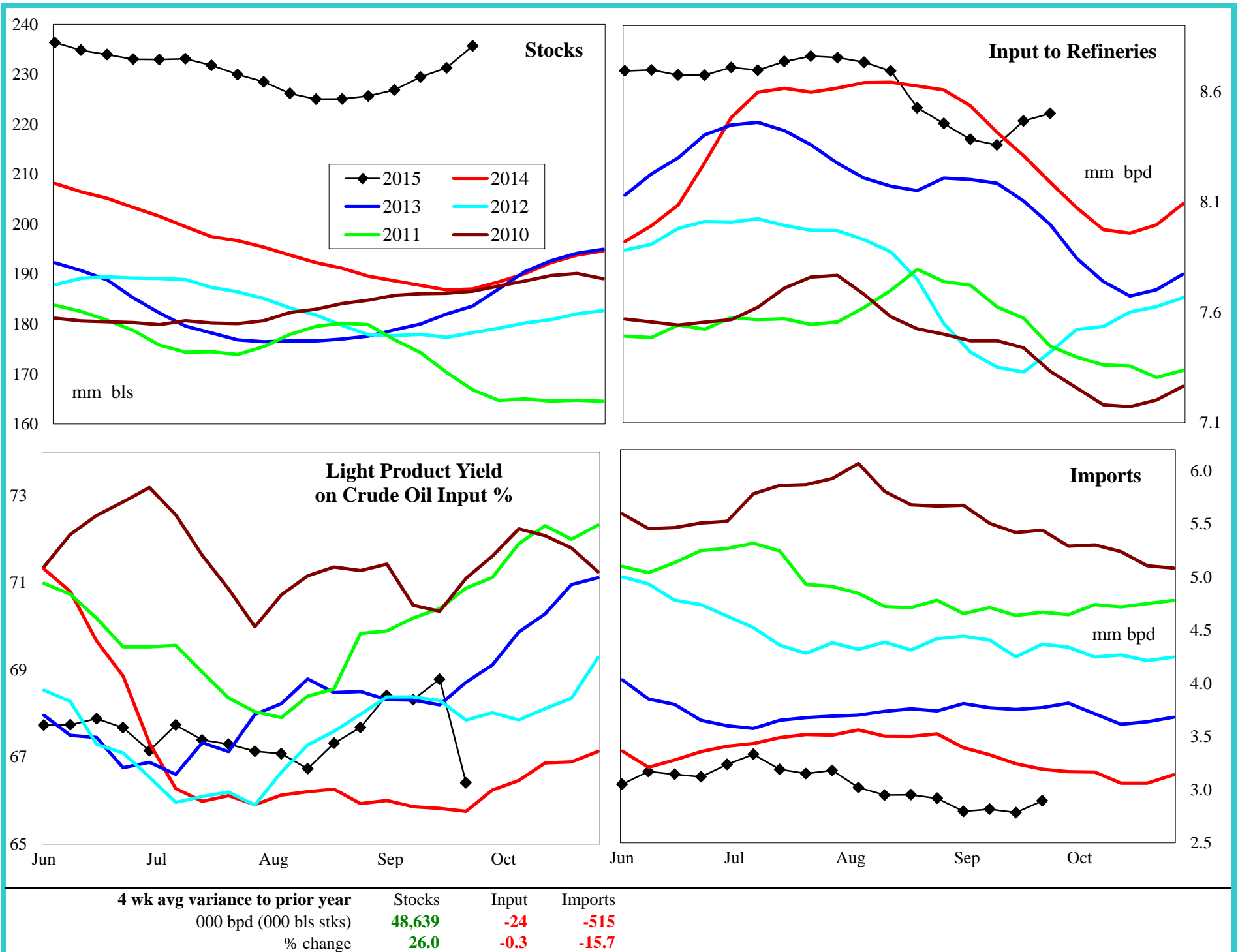
PADD 2 Jet Fuel Supply



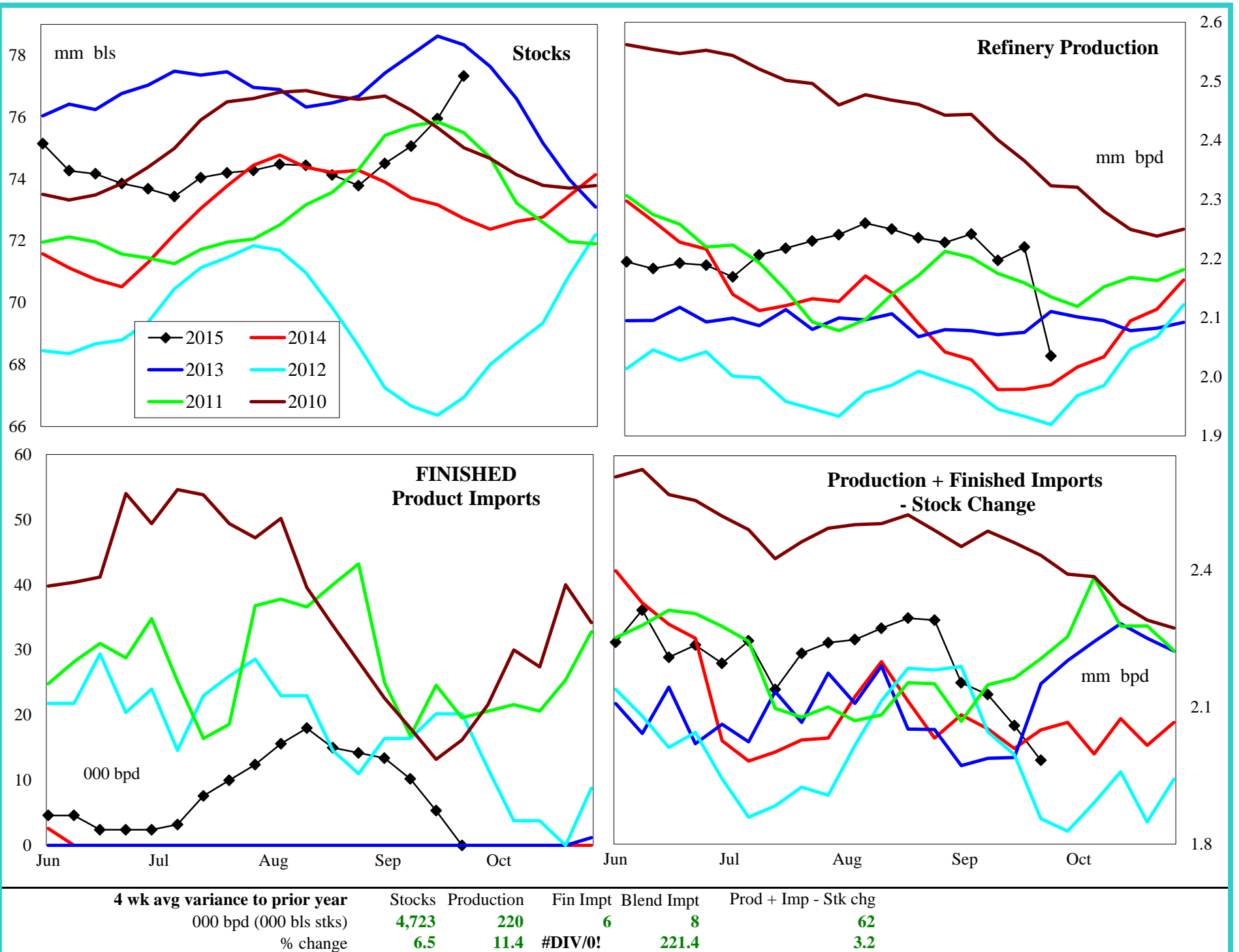
PADD 2 Residual Fuel Oil Supply



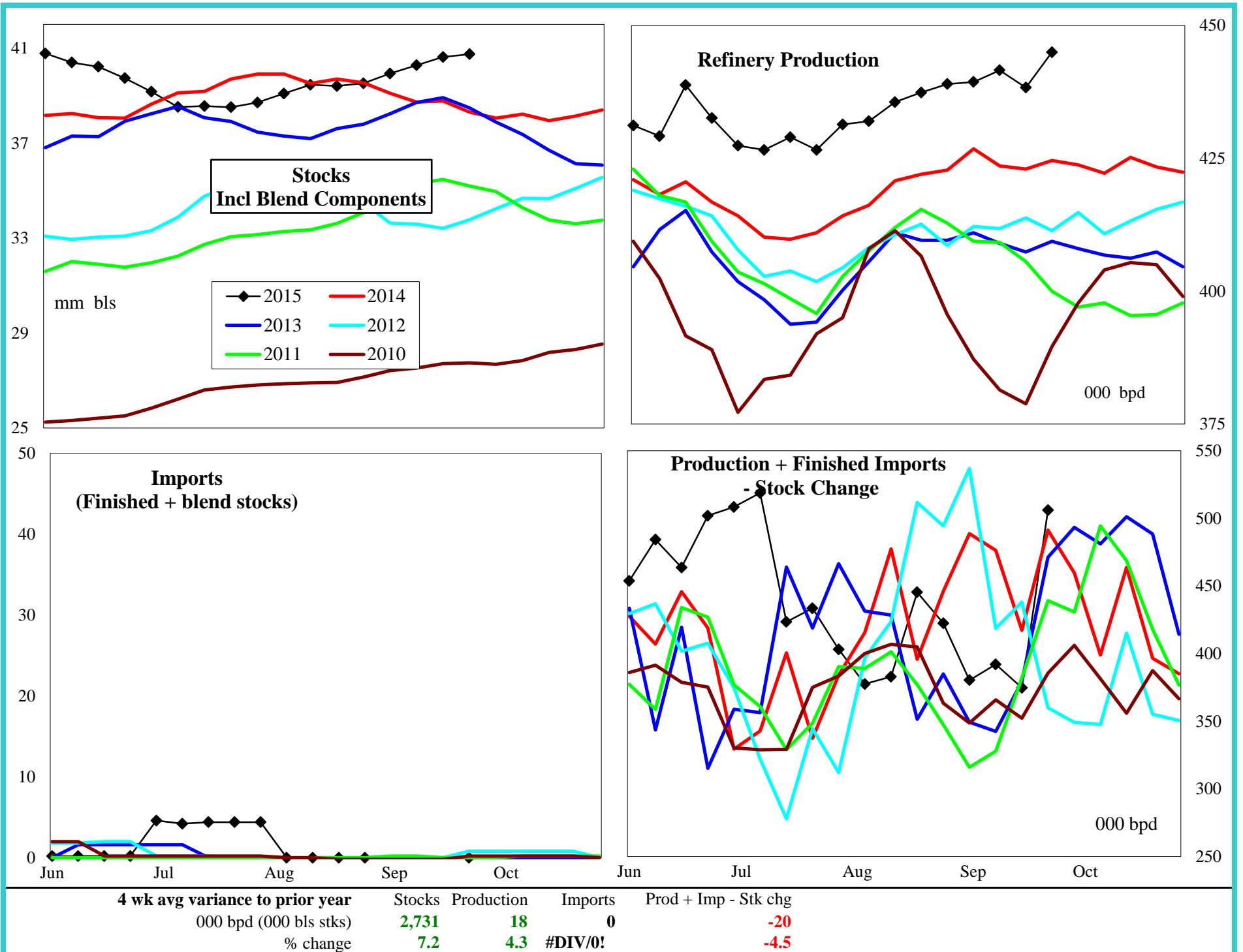
PADD 3 Crude Oil Supply and Refining



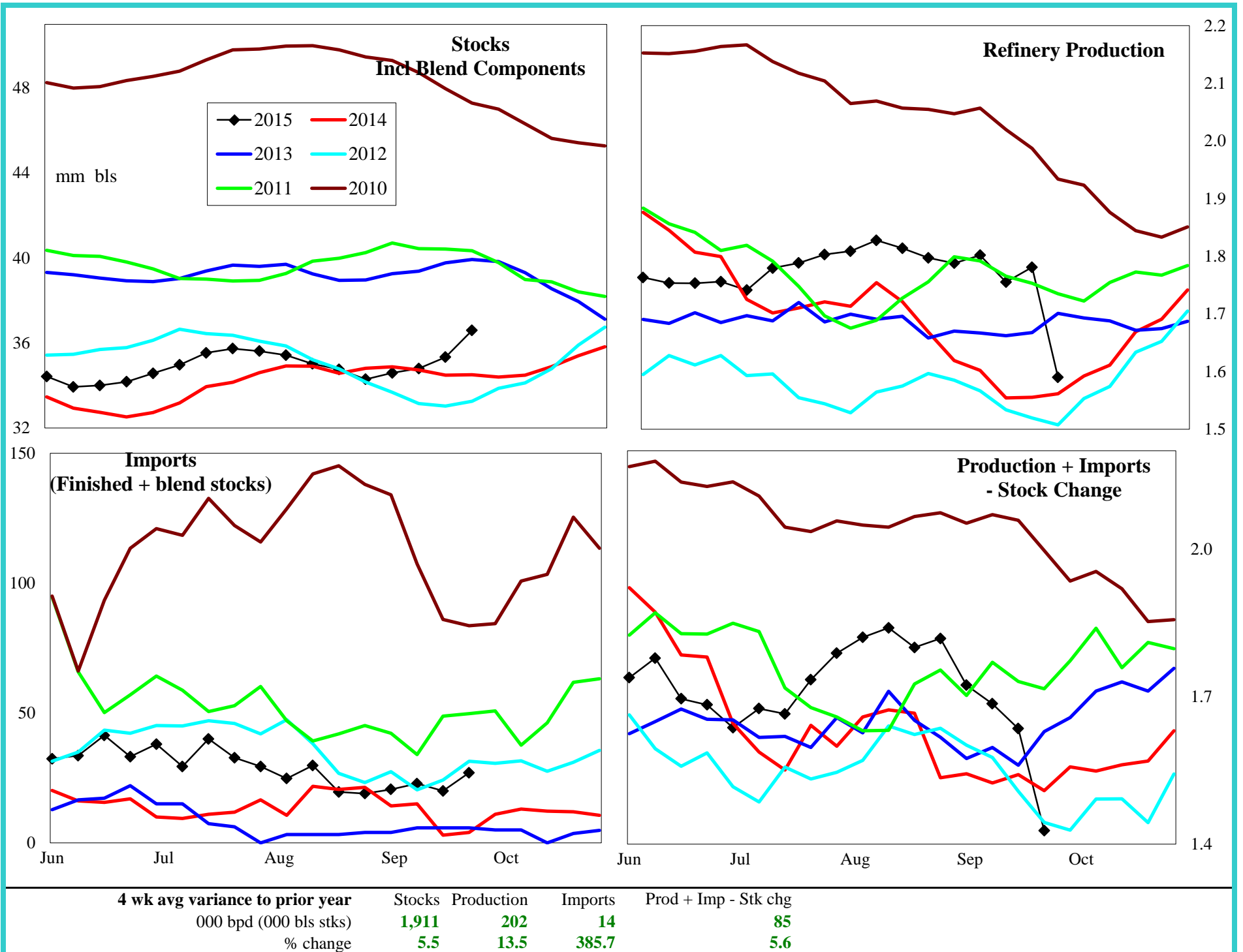
PADD 3 Gasoline Supply



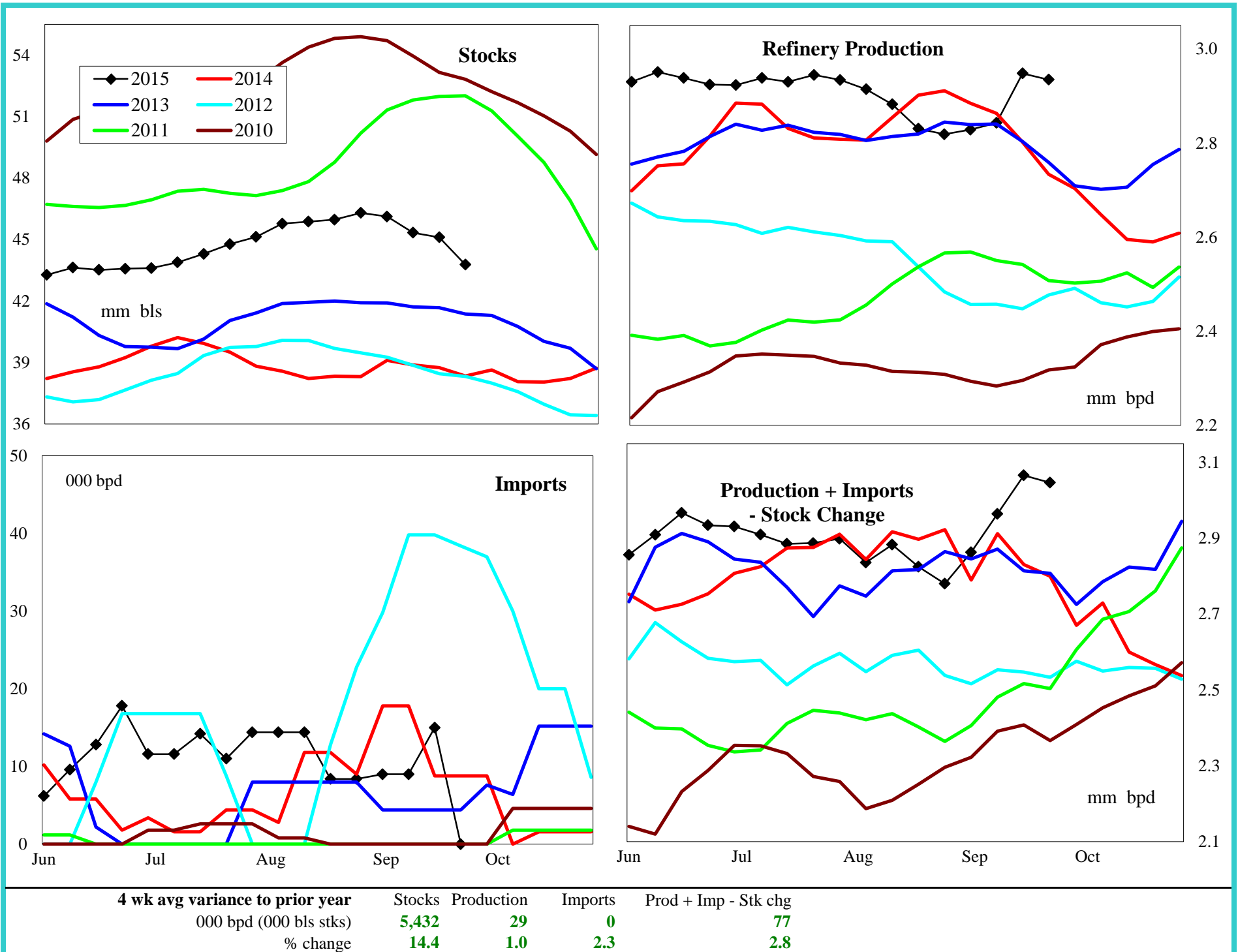
PADD 3 Reformulated Gasoline Supply



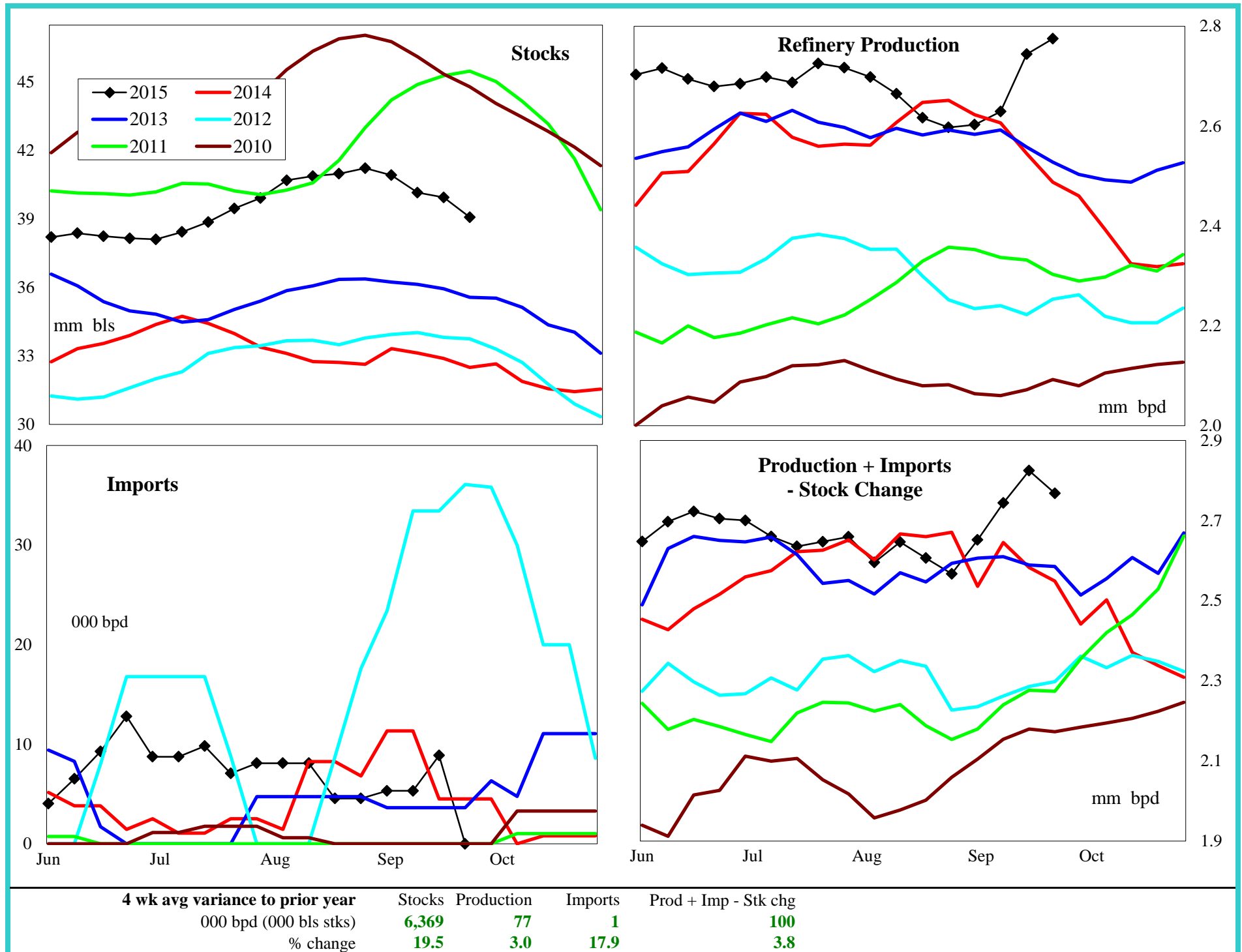
PADD 3 Conventional Gasoline Supply



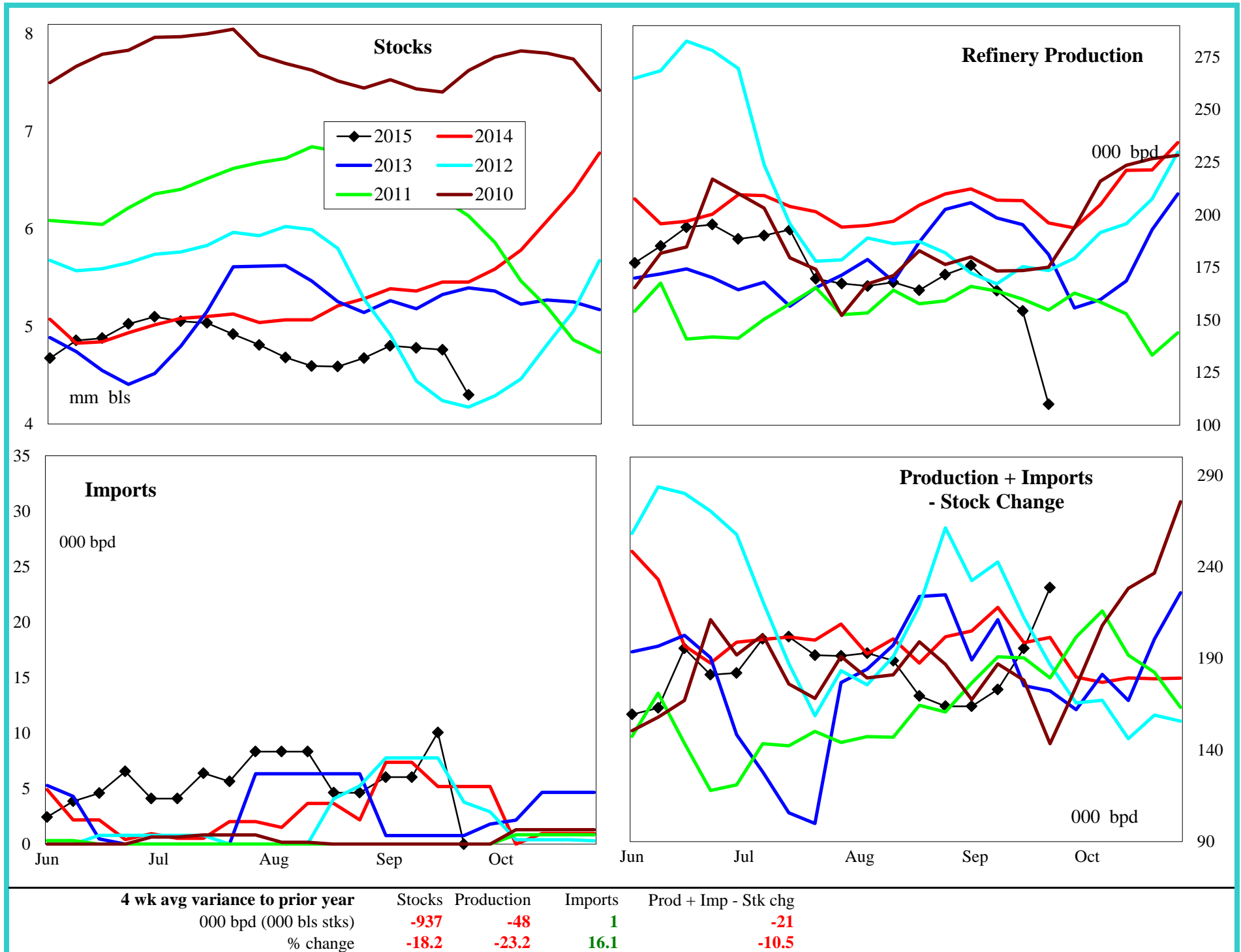
PADD 3 Distillate Supply



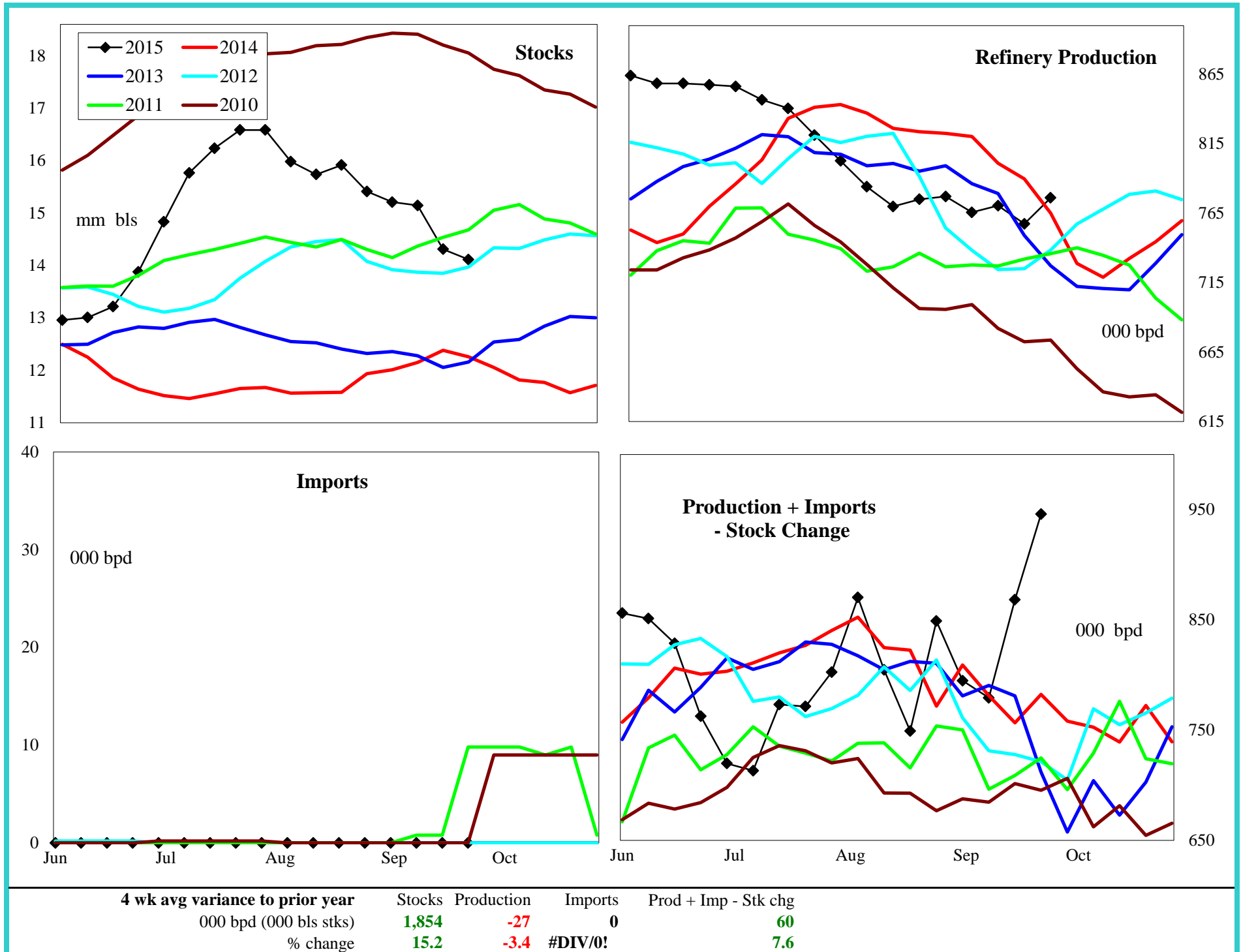
PADD 3 Low Sulfur Distillate Supply



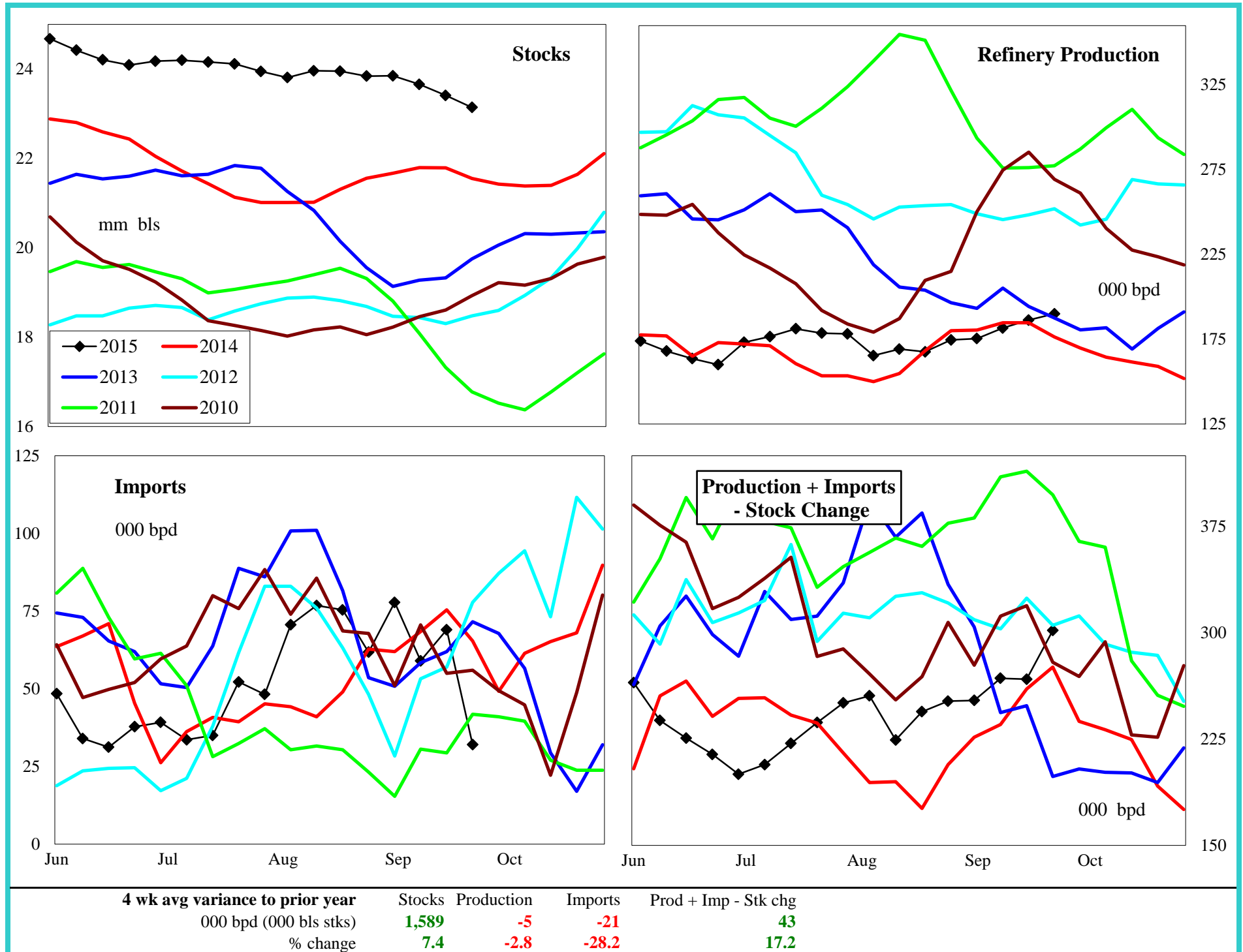
PADD 3 High Sulfur Distillate Supply



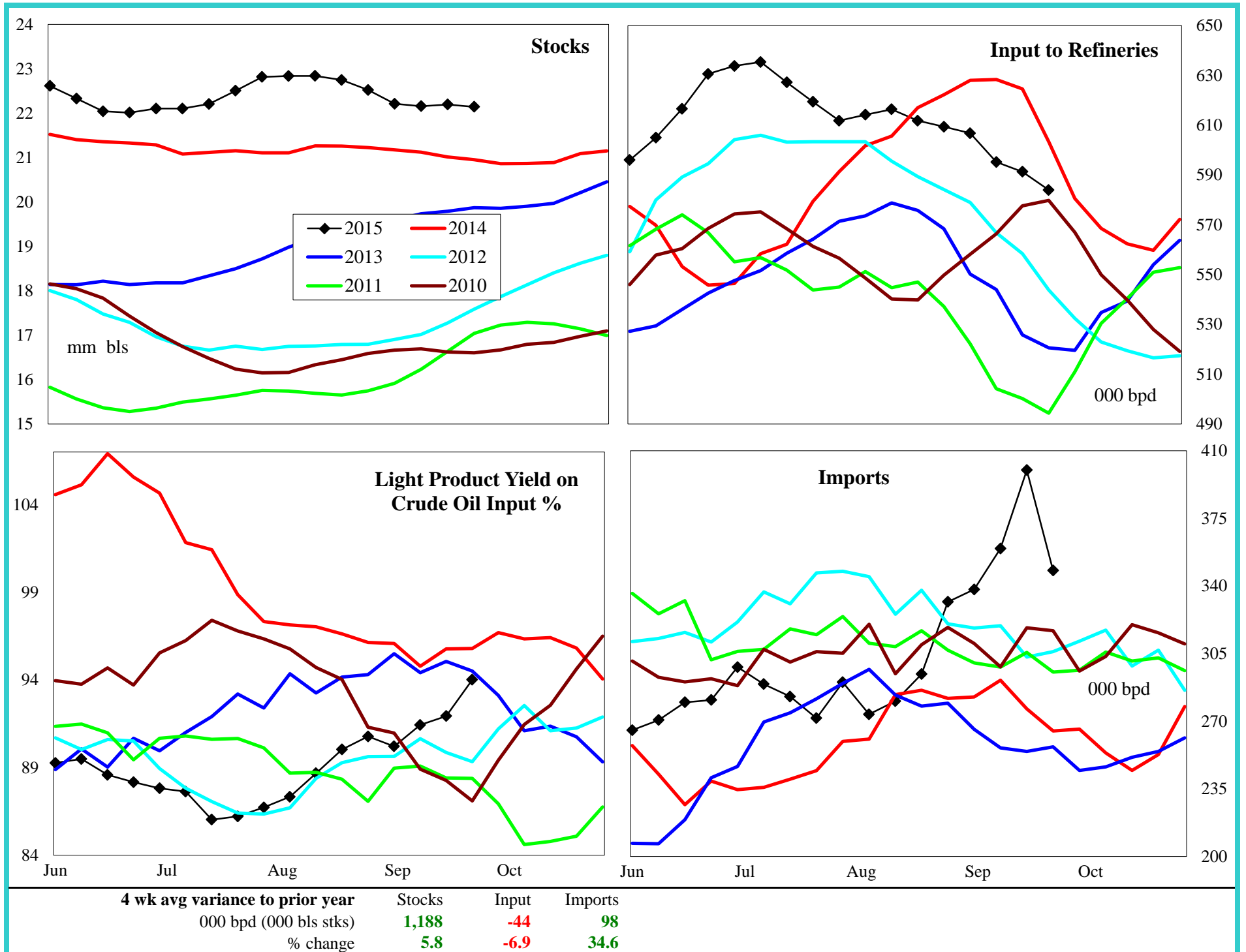
PADD 3 Jet Fuel Supply



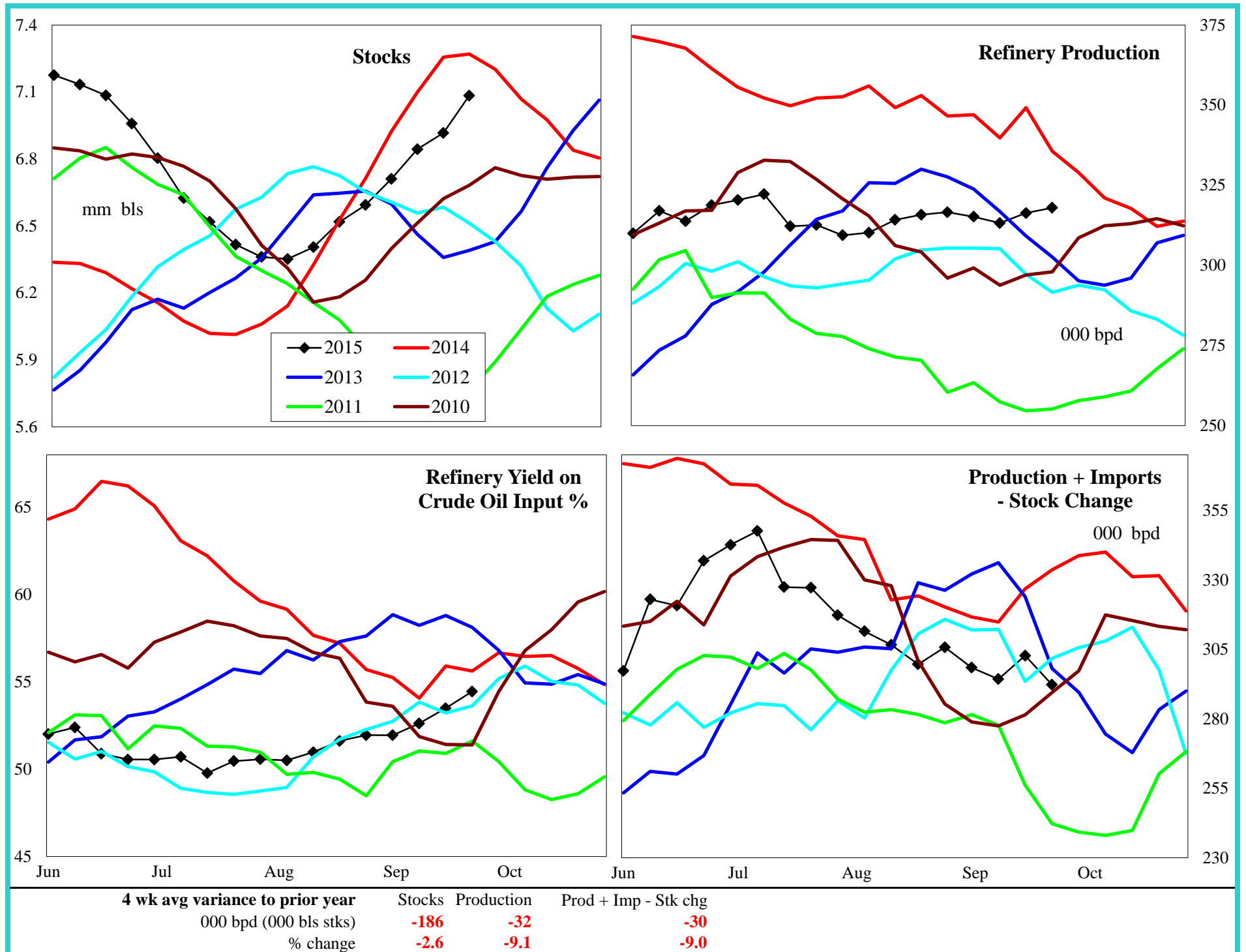
PADD 3 Residual Fuel Oil Supply



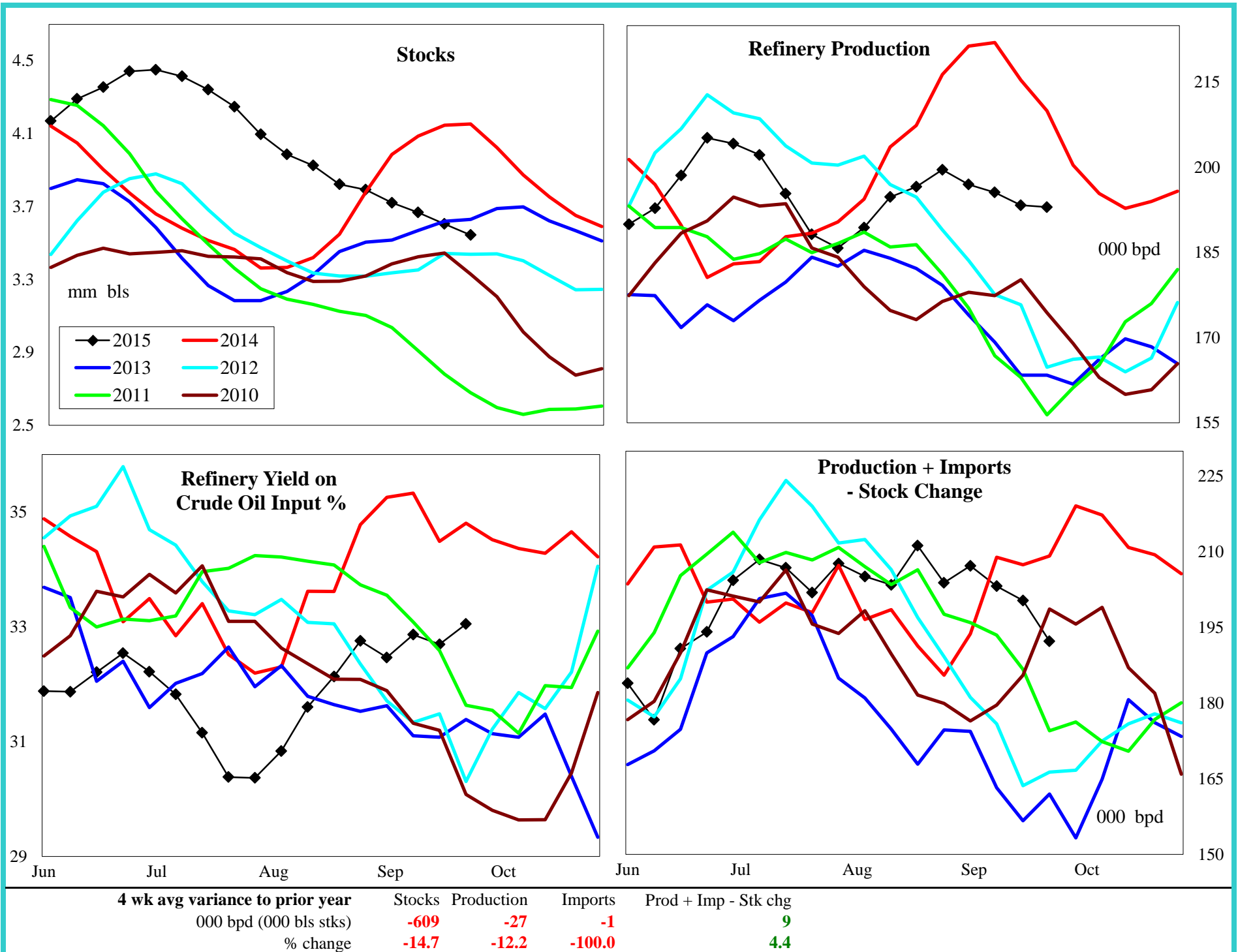
PADD 4 Crude Oil Supply and Refining



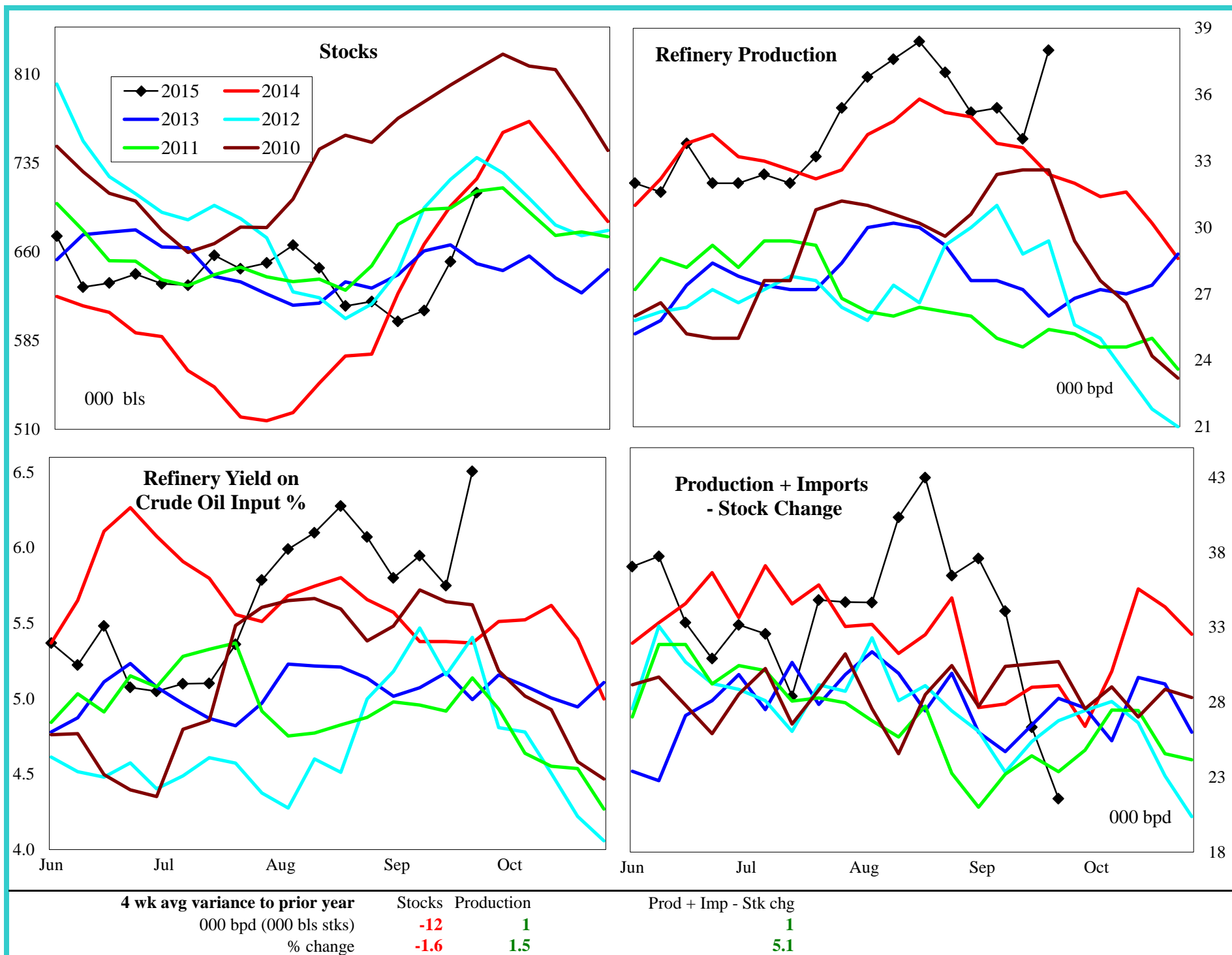
PADD 4 Gasoline Supply



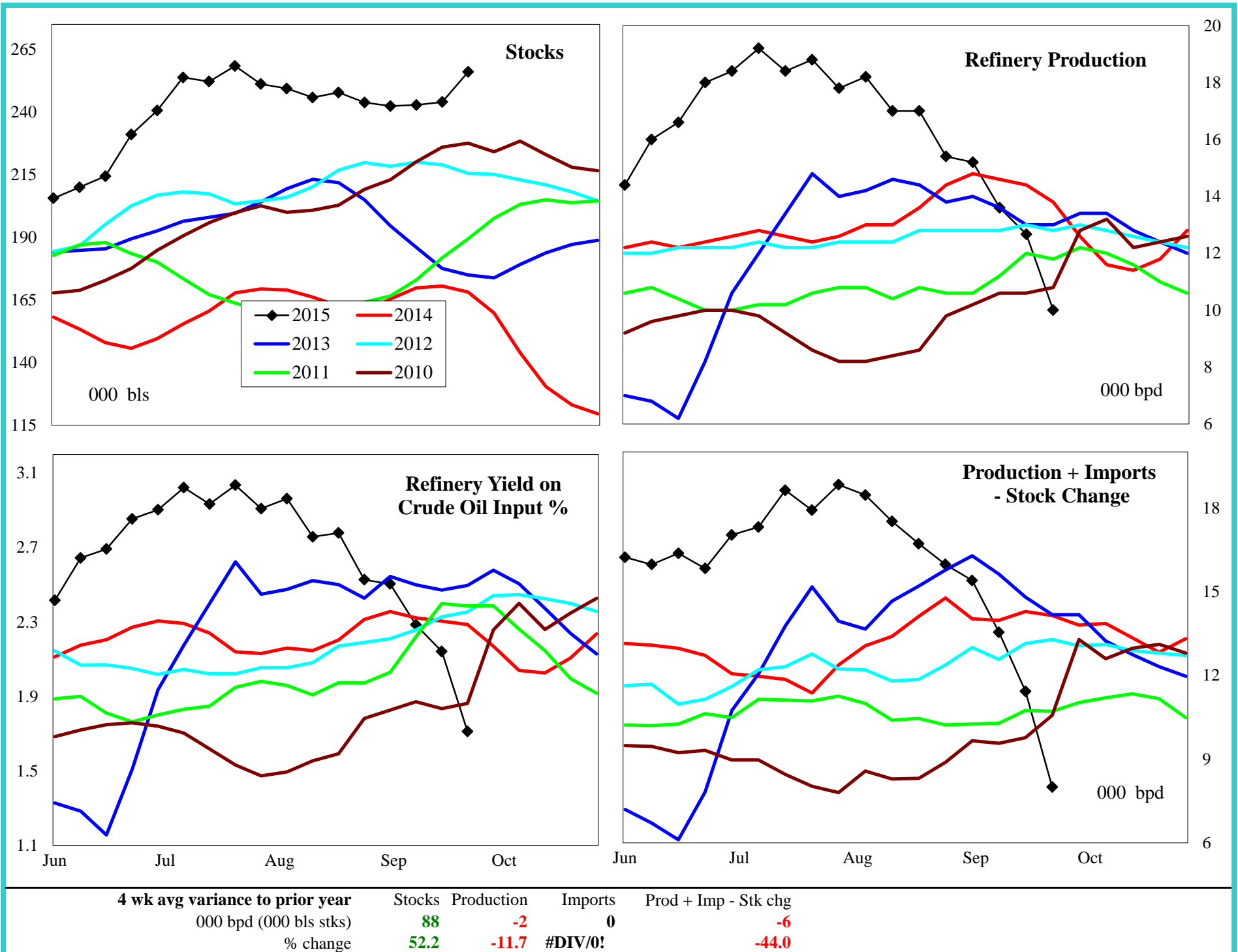
PADD 4 Distillate Supply



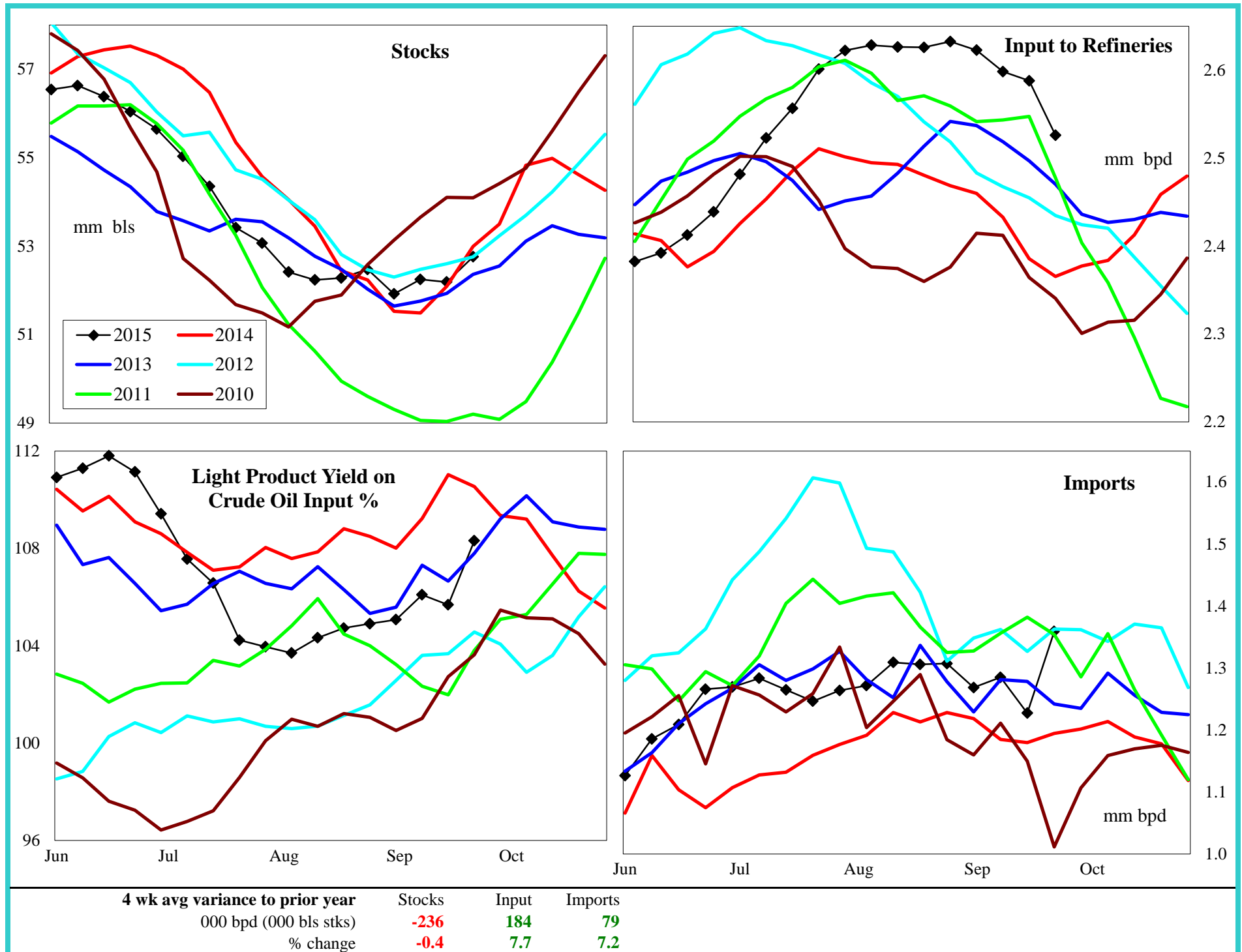
PADD 4 Jet Fuel Supply



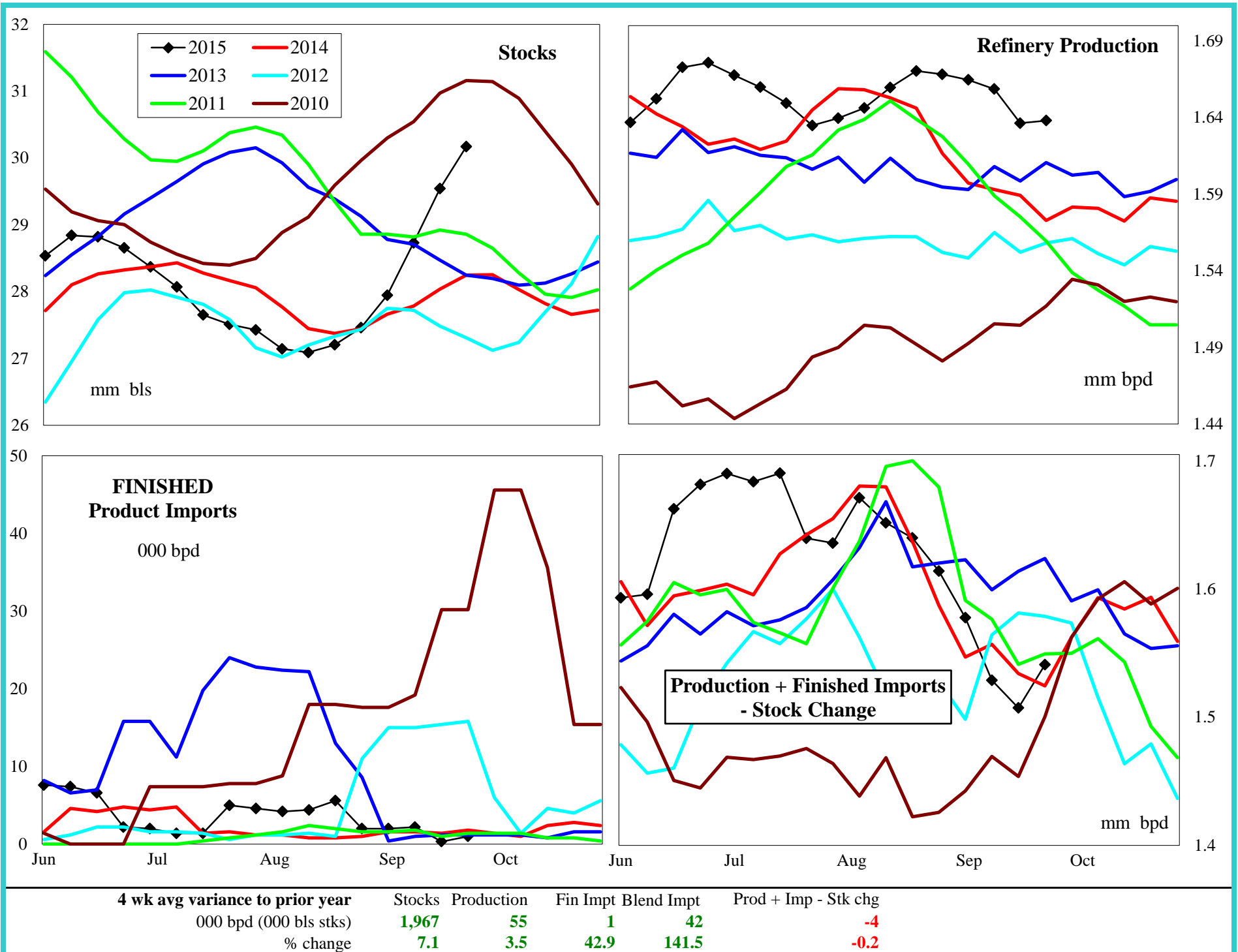
PADD 4 Residual Fuel Oil Supply



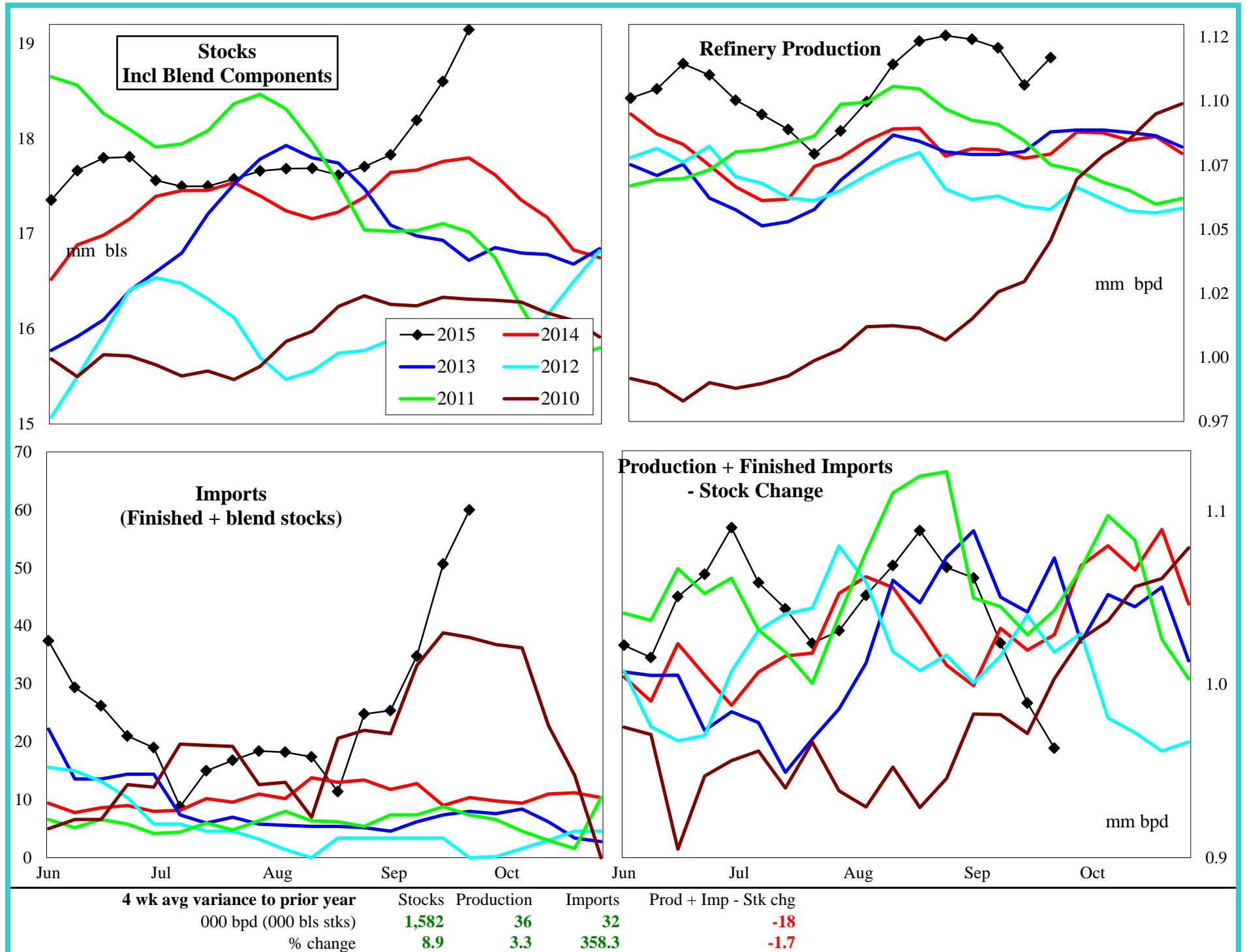
PADD 5 Crude Oil Supply and Refining



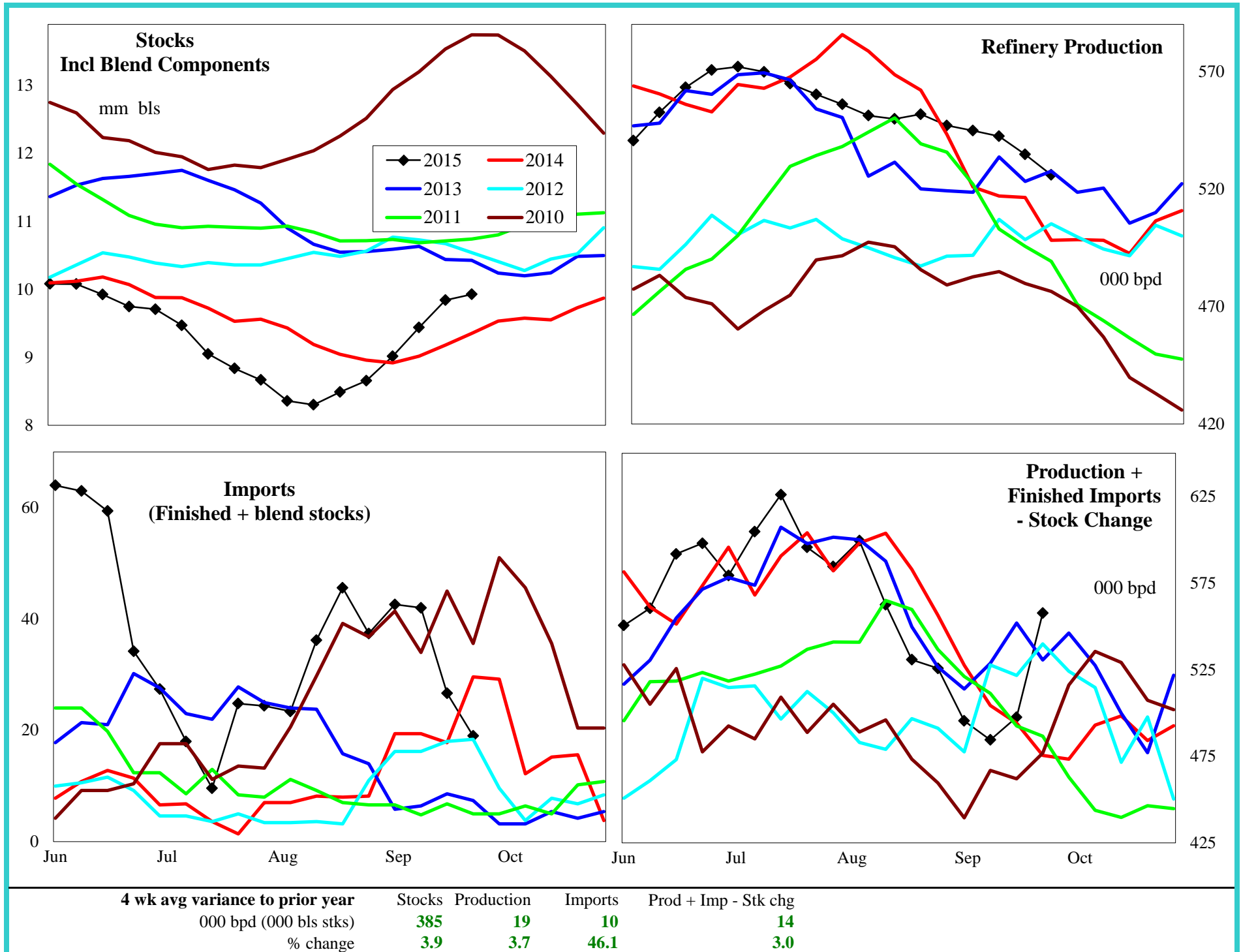
PADD 5 Gasoline Supply



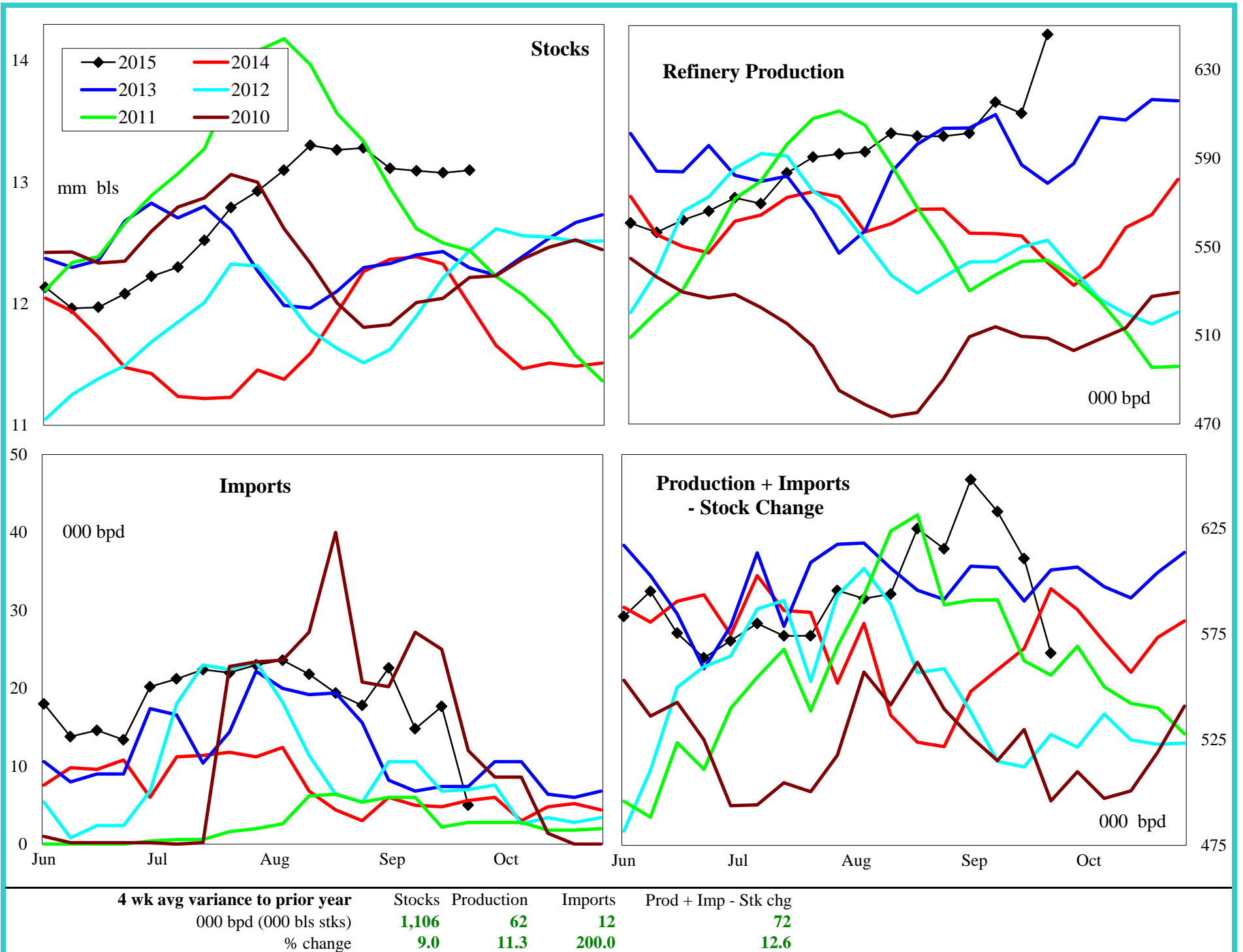
PADD 5 Reformulated Gasoline Supply



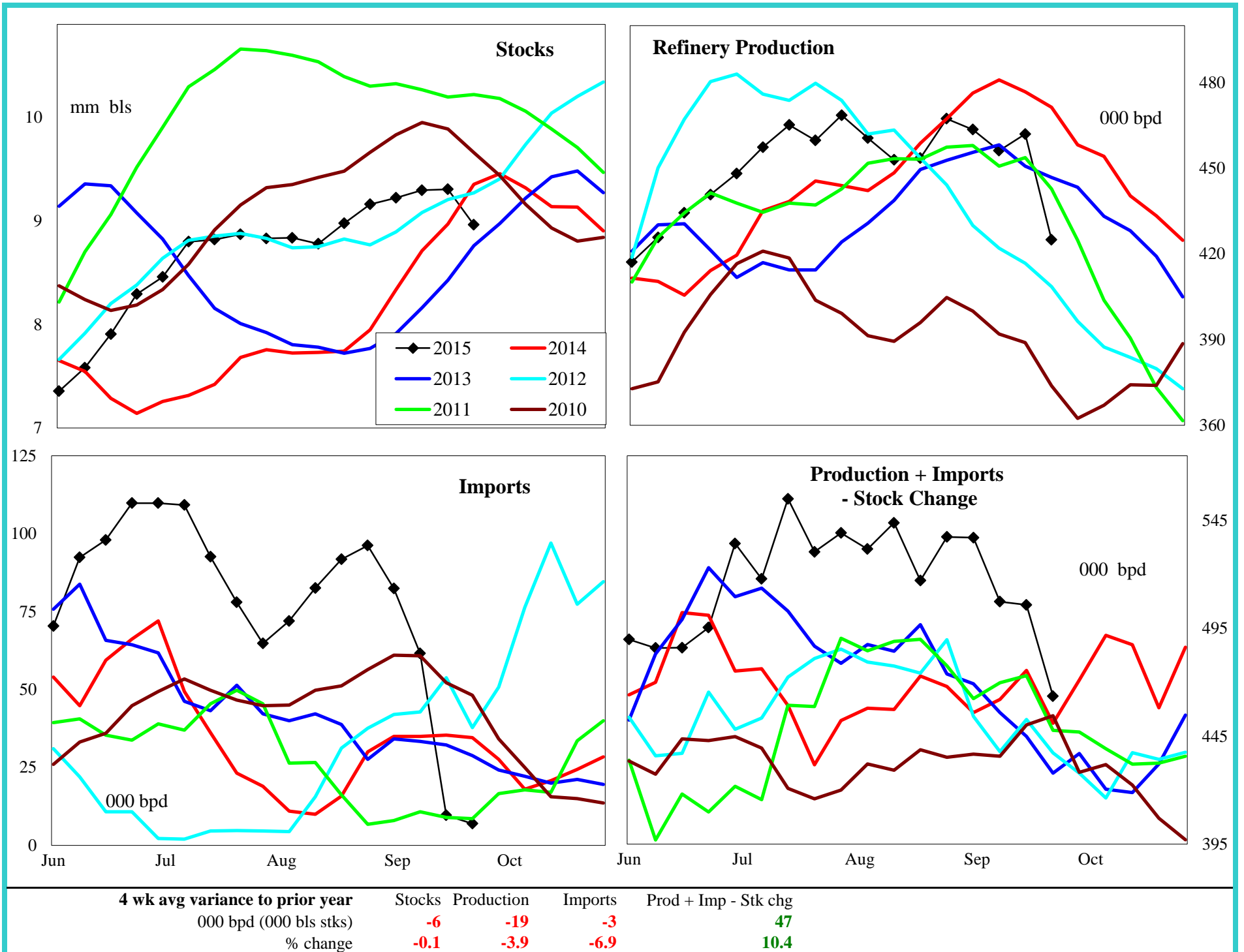
PADD 5 Conventional Gasoline Supply



PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

