



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

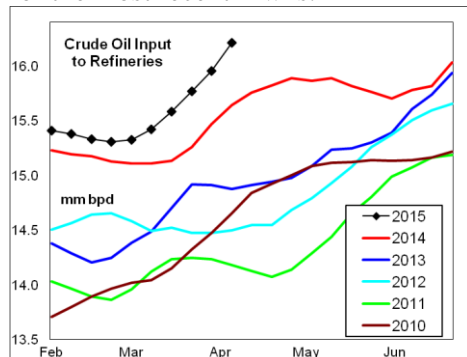
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Saturday, April 18, 2015



Major Fundamental Trends¹

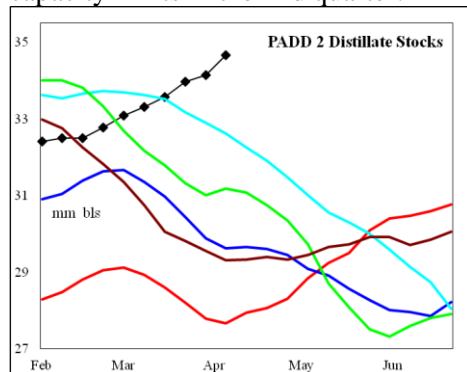
Refiners continue to ramp up thruput, rising +0.3 million bpd last week to a new record high for the spring quarter and +0.5 million bpd above last year for the most recent 4-wks.



Combined with a -1.1 million bpd drop in imports, the result was a +1.3 million barrel stock build in crude oil for the week.

Look for a rebound in imports to continue to drive a high rate of stock build, even with peak refinery thruput.

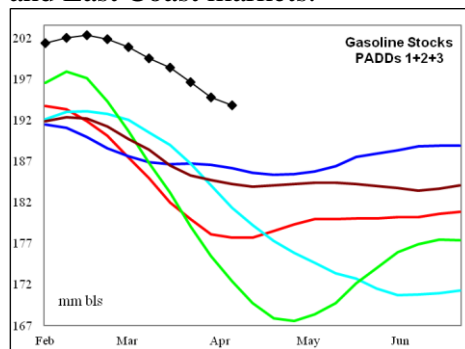
Stocks in Cushing increased +1.3 million barrels on the week, pointing to ongoing risk of reaching storage capacity limits in the 2nd quarter.



The record rate of refinery thruput has led to very high stock levels of distillate in all regional markets except the East Coast, with the midwest seeing a counter seasonal build to all time highs that risk a collapse in Midwest cash basis.

Gasoline stocks are witnessing

an average rate of drawdown in markets East of the Rockies, with the levels still very high in the Gulf and East Coast markets.



Wholesale Demand for gasoline was higher on the week, while distillate fell -0.4 million bpd.

Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +0.7%, distillate increased +2.9%, jet fuel was +11% higher, while residual fuel increased +9%.

Stocks forward coverage: Gasoline demand coverage decreased on a -2.1 million barrel stock draw, and higher wholesale demand. Coverage ended the week at a level near the 3-yr mid range.

Distillate demand coverage increased on a +2 million barrel stock build and lower wholesale demand. Coverage ended the week at a level above the last 2-yr.

Jet fuel coverage remains below the 5-yr range on a +0.4 million barrel stock build, offset by very robust demand growth.

Residual fuel oil coverage increased on a +0.8 million barrel stock build.

Refinery utilization rates increased on a +283,000 bpd increase in crude oil runs last week. During the latest 4-wk period crude oil input was +511,000 bpd above last year, a new record high for the spring quarter.

Gasoline yield % on crude oil runs decreased last week on a +106,000 bpd increase in output compared to the +283,000 increase in crude oil runs. Gasoline yield % on crude oil runs

ended the week at a level that matched historic lows.

Distillate yield % on crude oil runs decreased on a -3,000 bpd decline in output compared to the increase in crude oil runs. The yield % on crude oil runs fell below last year's record.

Jet fuel yield % on crude oil runs increased last week on a +80,000 bpd rise in output compared the increase in crude oil runs. The yield % on crude oil runs reached a 2-month high.

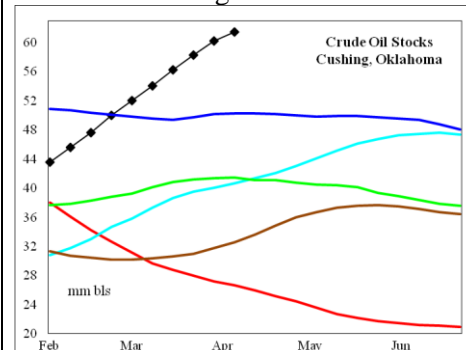
Petroleum Imports/Exports: Imports of crude oil plunged -1.1 million bpd last week. Imports in the Midwest increased to a new all time record.

During the latest 4-wk period crude oil imports increased +19,000 bpd compared to a year ago; distillate imports were +23,000 bpd higher; finished gasoline imports were -22,000 bpd lower; gasoline blend stock imports were +29,000 bpd higher, jet fuel imports increased +2,000 bpd, while residual fuel imports were +19,000 bpd higher.

Exports of distillate for the week ending 20Mar15 were -58,000 bpd below a year ago, gasoline +103,000 bpd higher, jet fuel -23,000 bpd lower and residual fuel oil was unchanged.

Crude Oil stocks increased +1.3 million barrels on the week, including a +1.3 million barrel build in Cushing.

The stock build was constrained by a -1.1 million bpd drop imports and a +0.3 million bpd rise in refinery crude oil thruput. Crude oil runs now exceed the historic range for the spring quarter. Look for a rebound in imports and return to a high stock build rate.



¹ Source is latest EIA Weekly Statistics



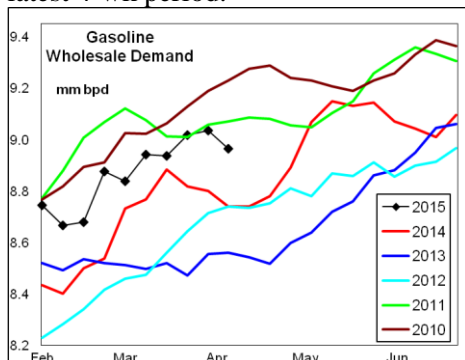
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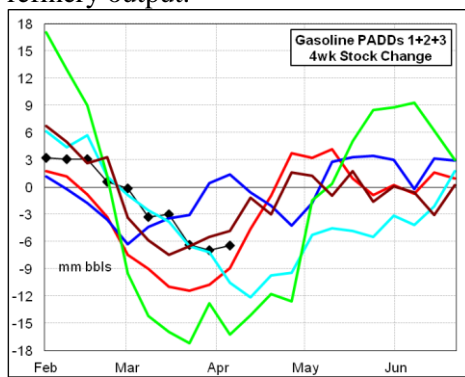
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Product Supply-Demand Trends

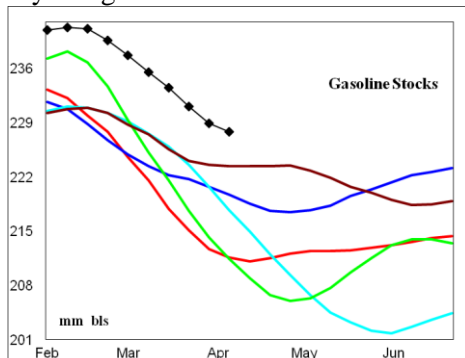
Gasoline wholesale demand increased +0.3 million bpd, to a level well above the last 3-yrs. Wholesale demand was +63,000 bpd above last year for the latest 4-wk period.



Supply increased +125,000 bpd last week on higher production. Supply for the latest 4-wk period exceeded a year ago by +146,000 bpd on higher refinery output.



The latest 4-wk stock change East of the Rockies matched the 3-yr mid range. Stock levels remain above the 5-yr range.

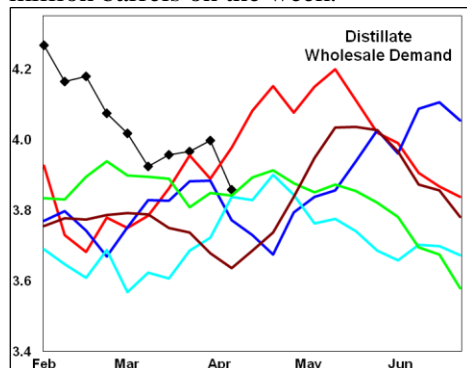


Regional supply levels are improving in all major regions with stock levels above the last 2-yrs, while the East and Gulf regions remain well above the 5-yr range.

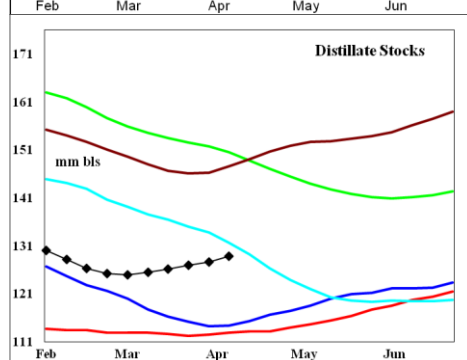
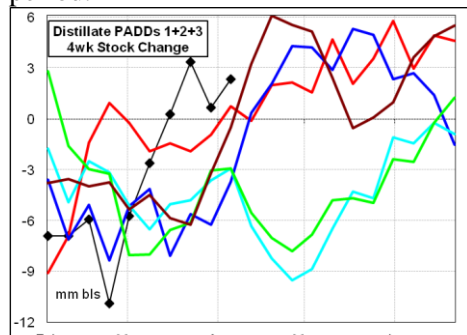
Distillate wholesale demand fell -0.4

million bpd last week, reversing the prior week surge. The latest 4-wk average wholesale demand was +111,000 bpd above last year.

Supply decreased -84,000 bpd on lower imports. Stocks increased +2 million barrels on the week.



Combined markets East of the Rockies have seen a +2.3 million barrel build, compared to a -2 million barrel average draw during the latest 4-wk period.

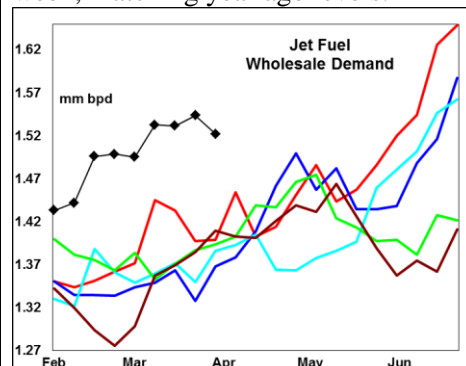


Stock levels in all regions except the East Coast are extremely high, driven by record production and weak demand in the affected areas. The midwest risk a basis collapse on the inability to export output from the region.

Jet Fuel wholesale demand increased +80,000 bpd last week, ending at a

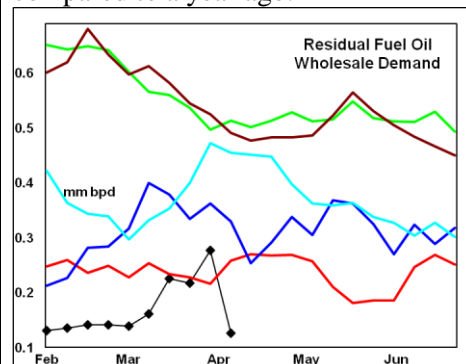
level well above the 5-yr range. The latest 4-wk average demand was +151,000 bpd over a year ago due to airlines filling private storage.

Supply increased +104,000 bpd on record production and imports. Stocks increased +0.4 million barrels on the week, matching year ago levels.



Look for wholesale demand to see robust year-on-year gains going forward, partially offset by high imports. Look for stock levels to remain near record lows in most regions.

Residual fuel oil demand fell -339,000 bpd last week. Demand for the latest 4-wk period increased +20,000 bpd compared to a year ago.



Supply (production + imports) decreased -64,000 bpd on the week, due to lower imports and production. Stocks increased +0.8 million barrels, to a level above the last 4-yrs.

Stock levels are trending higher in all regions except the East Coast, with the Gulf and West Coast at record levels - driven by low exports.



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

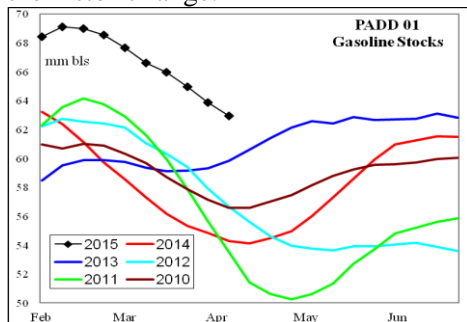
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PADD Supply Trends

PADD 1 refinery crude oil runs increased +14,000 bpd on the week to a level that matched the 3-yr high for the period. The latest 4-wk average thru put was +100,000 bpd above last year.

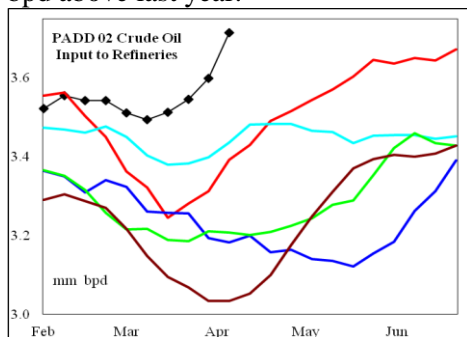
Gasoline supply increased +228,000 bpd on the week, with the 4-wk average +80,000 bpd above last year. Stocks declined -1.4 million barrels last week, with the level above the historic range.



Distillate supply fell -132,000 bpd last week, on lower imports. Stocks increased +0.9 million barrels, extending the seasonal stock build.

Jet fuel supply fell -56,000 bpd on lower imports. Stocks increased +0.4 million barrels although the level remains below the 5-yr range.

PADD 2 crude oil refinery runs increased +105,000 bpd on the week. The latest 4-wk average was +264,000 bpd above last year.



Crude oil stocks increased +0.2 million barrels last week, driven by record imports and partially offset by extremely high throughput. Cushing saw a +1.3 million barrel stock build on the week.

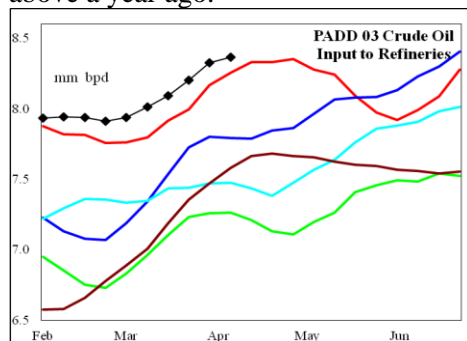
Gasoline supply increased +40,000 bpd on the week. Production for the most recent 4-wk period was -59,000

bpd below a year ago. Stocks increased +0.5 million barrels on the week, to a level that matched 3-yr highs.

Distillate supply increased +4,000 bpd on the week, at a level sharply above the historic range. The latest 4-wk average production was +98,000 bpd above last year and a record for this time of year. Stocks increased +0.6 million barrels on the week, ending at new all time high.

Jet fuel supply increased +28,000 bpd last week to a record weekly high. Stocks increased +0.4 million barrels but remain below the historic range.

PADD 3 refinery runs increased +64,000 bpd on the week, to a level above the 5-yr range. During the latest 4-wk period, runs were +207,000 above a year ago.



Crude oil imports fell -0.8 million bpd last week, which combined with season high throughput limited the stock build to +0.6 million bpd. Crude oil stocks are now +30 million barrels (+15%) above the prior high for the period.

Gasoline supply increased +115,000 bpd last week, with the latest 4-wk average +118,000 bpd above a year ago. Stocks fell -0.8 million barrels on the week, a level +4 million barrels above the prior record high.

Distillate supply increased +30,000 bpd on the week, with the latest 4-wk average supply +59,000 bpd above a year ago. Stocks increased +0.7 million barrels on the week, to a level +27% above the last 3-ys.

Jet fuel production increased +39,000 bpd on the week, with the level -32,000 bpd below last year for

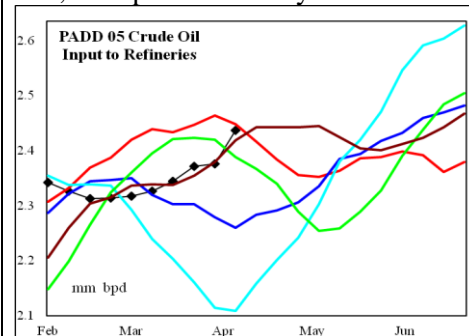
the latest 4-wk period. Stock levels ended the week just above last years' record low level.

PADD 4 refinery crude runs increased +51,000 bpd last week, to a level well above the historic range. The latest 4-wk average was +41,000 bpd above a year ago.

Gasoline supply increased +4,000 bpd last week, but remains well below last years' record high. The latest 4-wk average production was -50,000 bpd below a year ago. Stock levels ended the week at the low end of the 5-yr range.

Distillate supply increased +15,000 bpd last week, with the latest 4-wk average production +24,000 above last year. Stock levels ended the week at a new record high for the season.

PADD 5 crude oil refinery runs increased +50,000 bpd on the week, to a level near historic highs for the period. The 4-wk run rate was -101,000 bpd below last year.

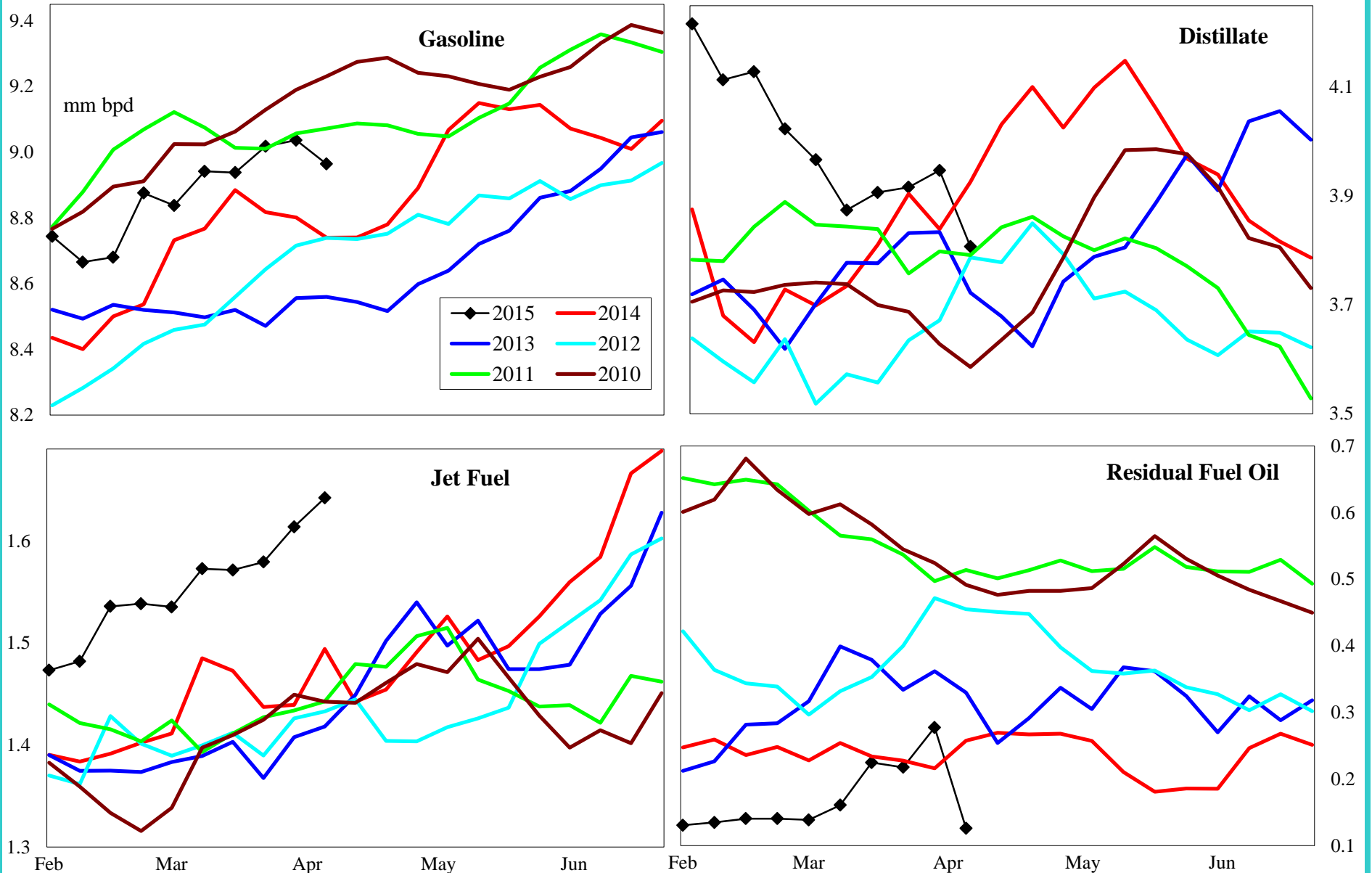


Gasoline supply decreased -38,000 bpd on the week, driven by lower imports; with the latest 4-wk average -4,000 bpd below last year. Production remains equal to historic highs. Stocks decreased -0.2 million barrels on the week, a level equal to highs of the last 2-ys.

Distillate supply was unchanged on the week. The 4-wk average supply was -68,000 bpd below a year ago, due to a short term spike in year ago output. Stock levels ended the week +13% above the 5-yr range for this time of year.

Record high jet fuel production and imports has lifted stocks to a level above each of the last 3-ys.

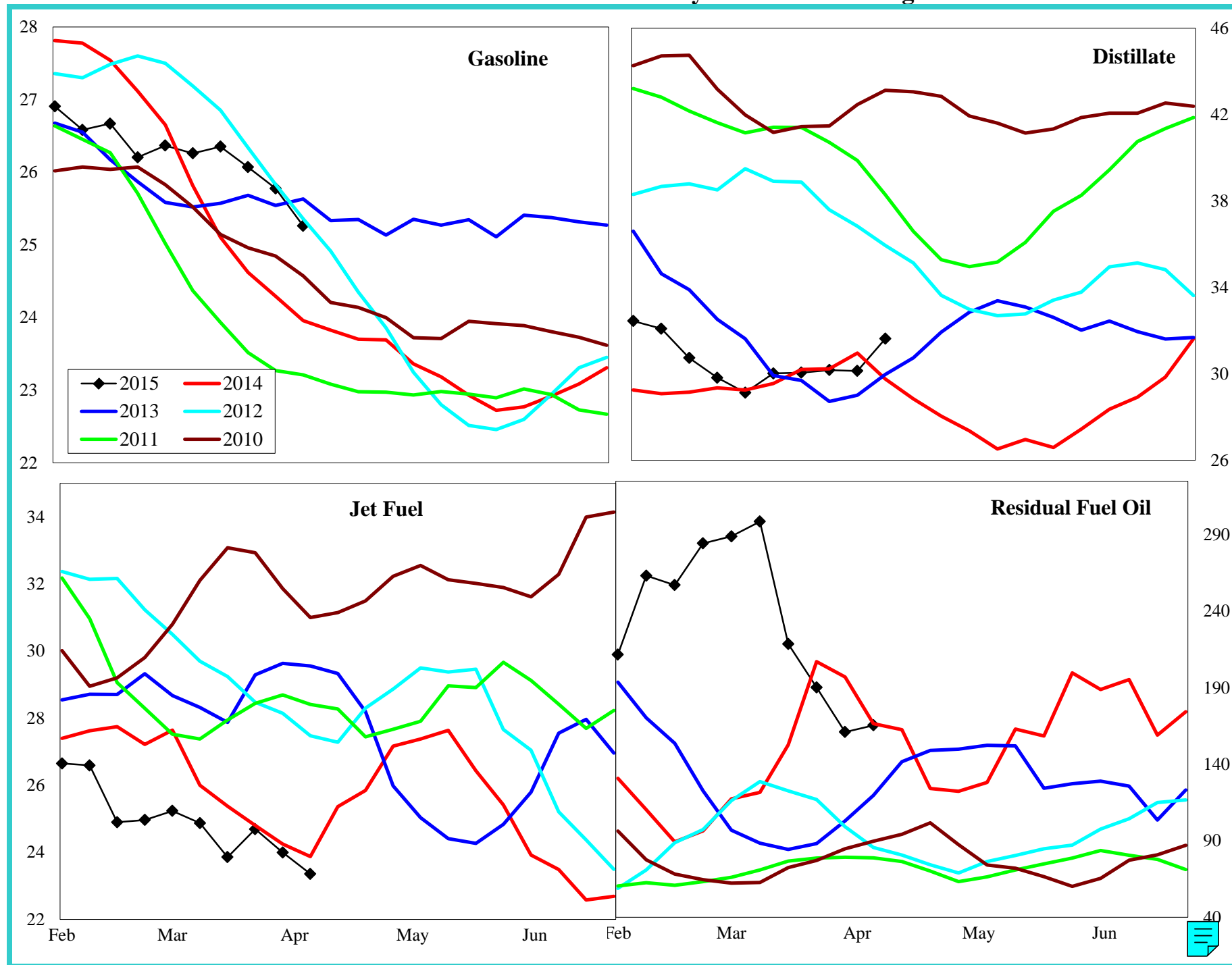
United States Wholesale Petroleum Demand



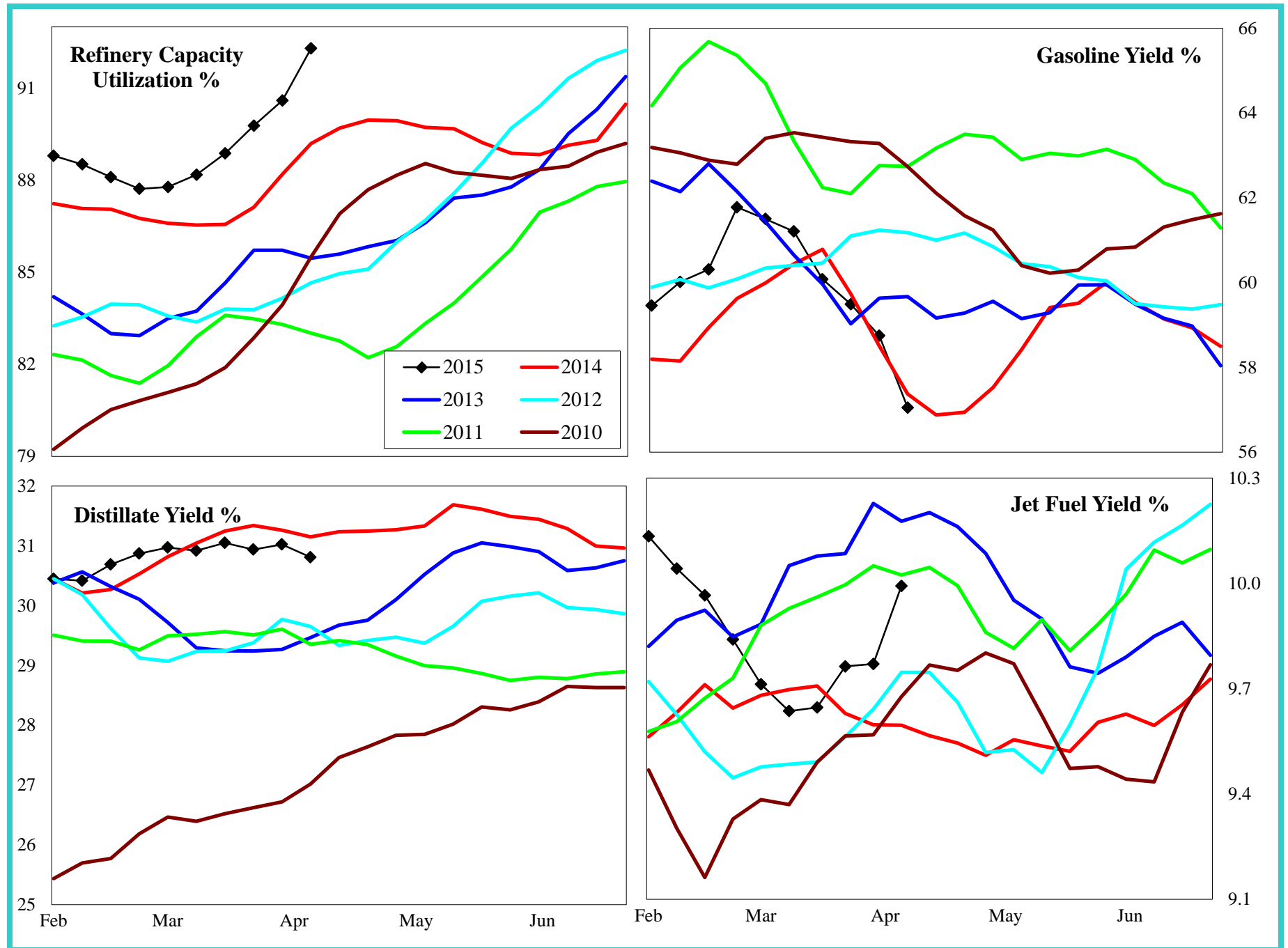
	000 bpd change from prior year				% change from prior year			
	4wk avg	Feb	Jan	Dec	4wk avg	Feb	Jan	Dec
Gasoline	63	-40	592	348	0.7	-0.5	7.2	4.0
Distillate	111	39	-92	185	2.9	0.9	-2.2	4.7
Jet Fuel	151	106	130	117	10.7	7.7	9.5	8.1
Resid	20	-72	-105	78	9.0	-34.8	-39.0	35.8



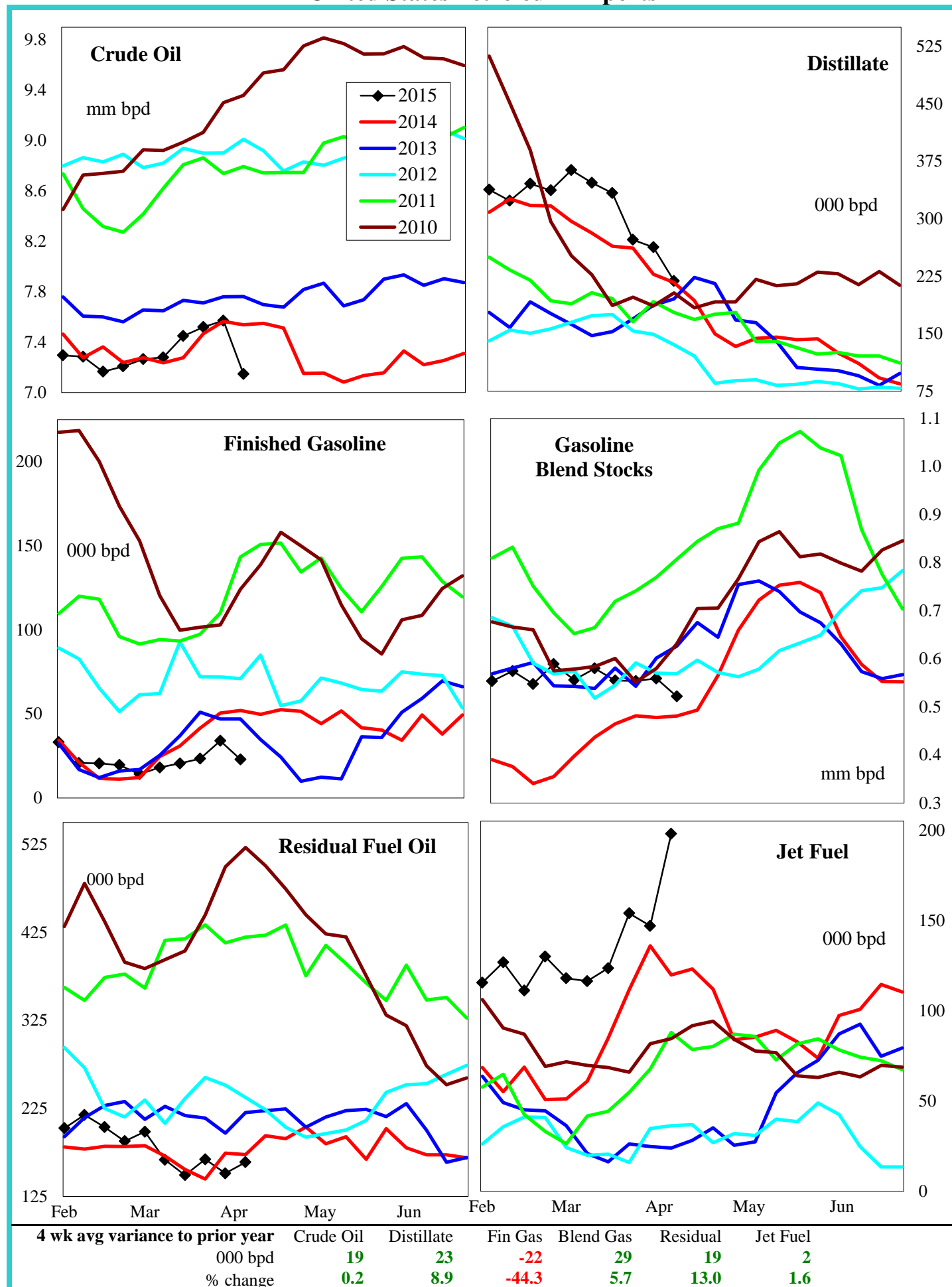
United States Product Stocks: Days Forward Coverage



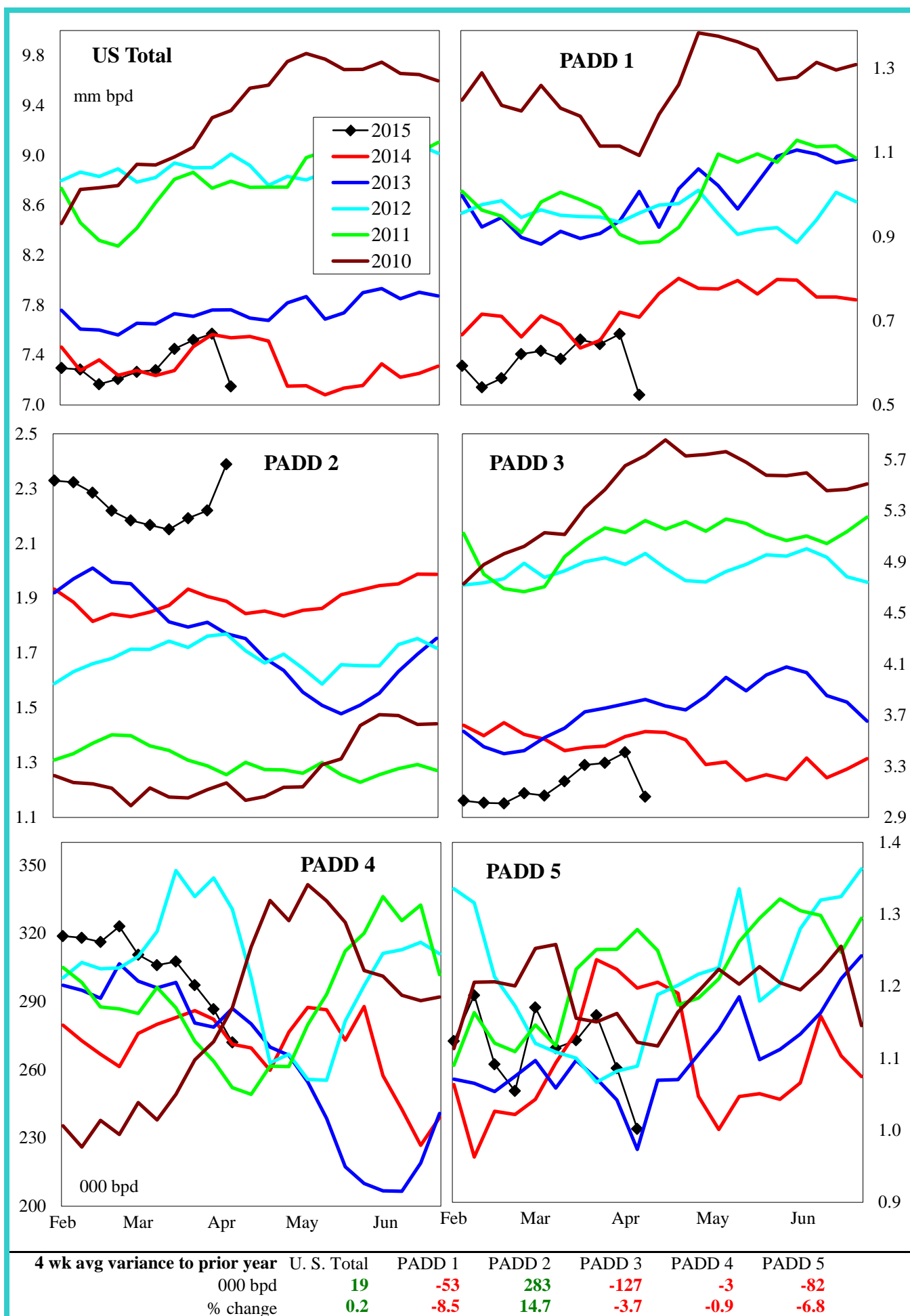
United States Refinery Percent Utilization Rate and Product Yields



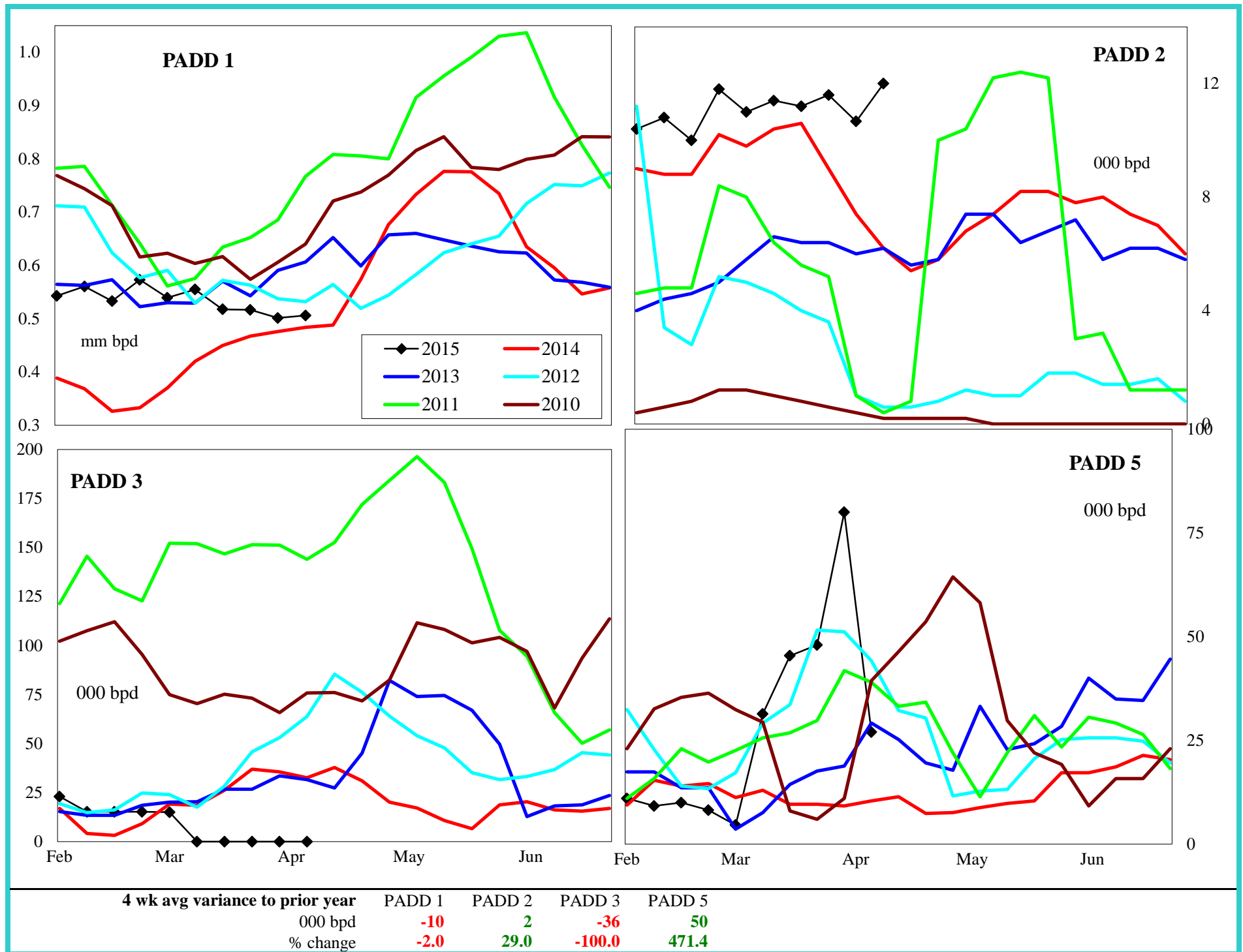
United States Petroleum Imports



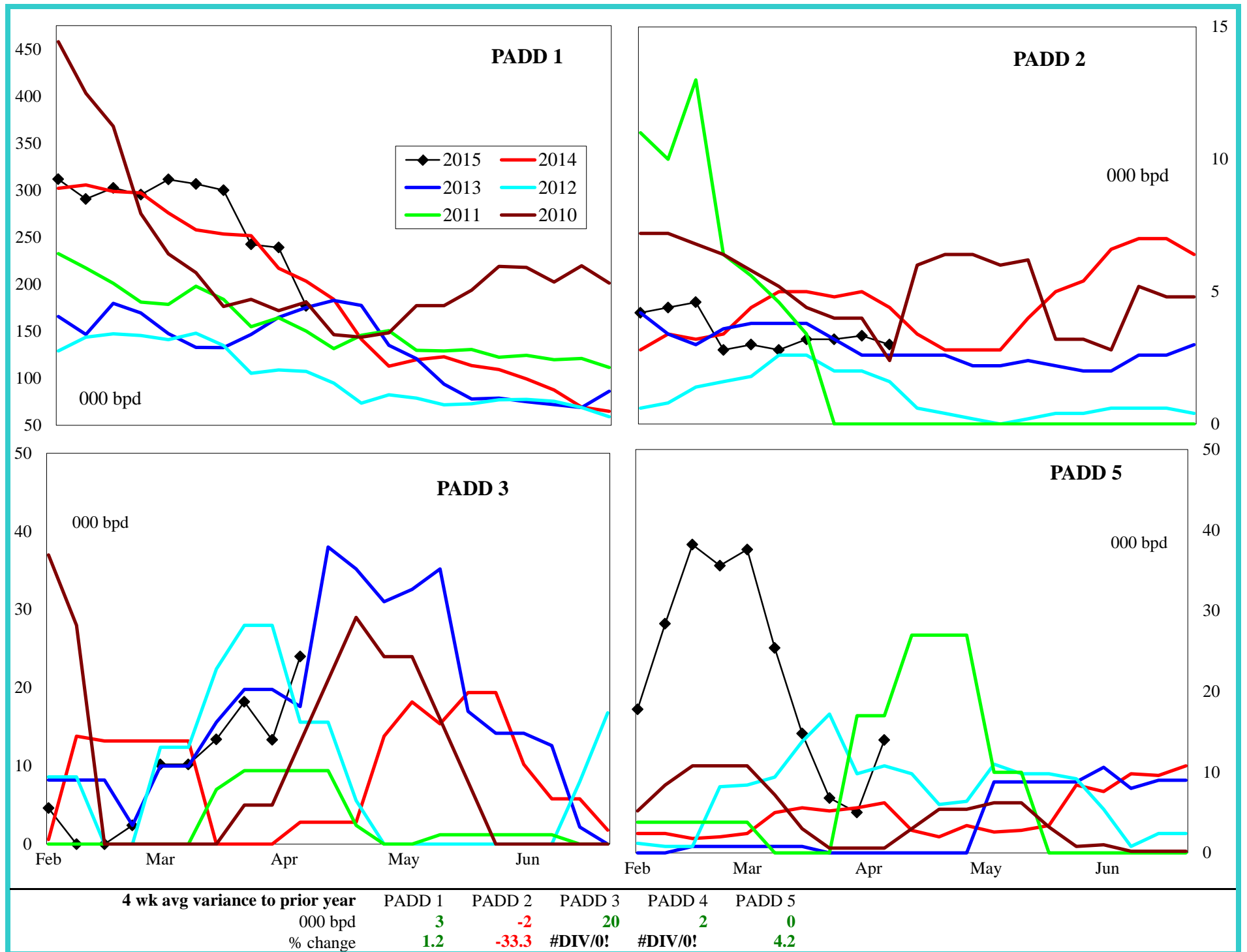
Crude Oil Imports by PADD



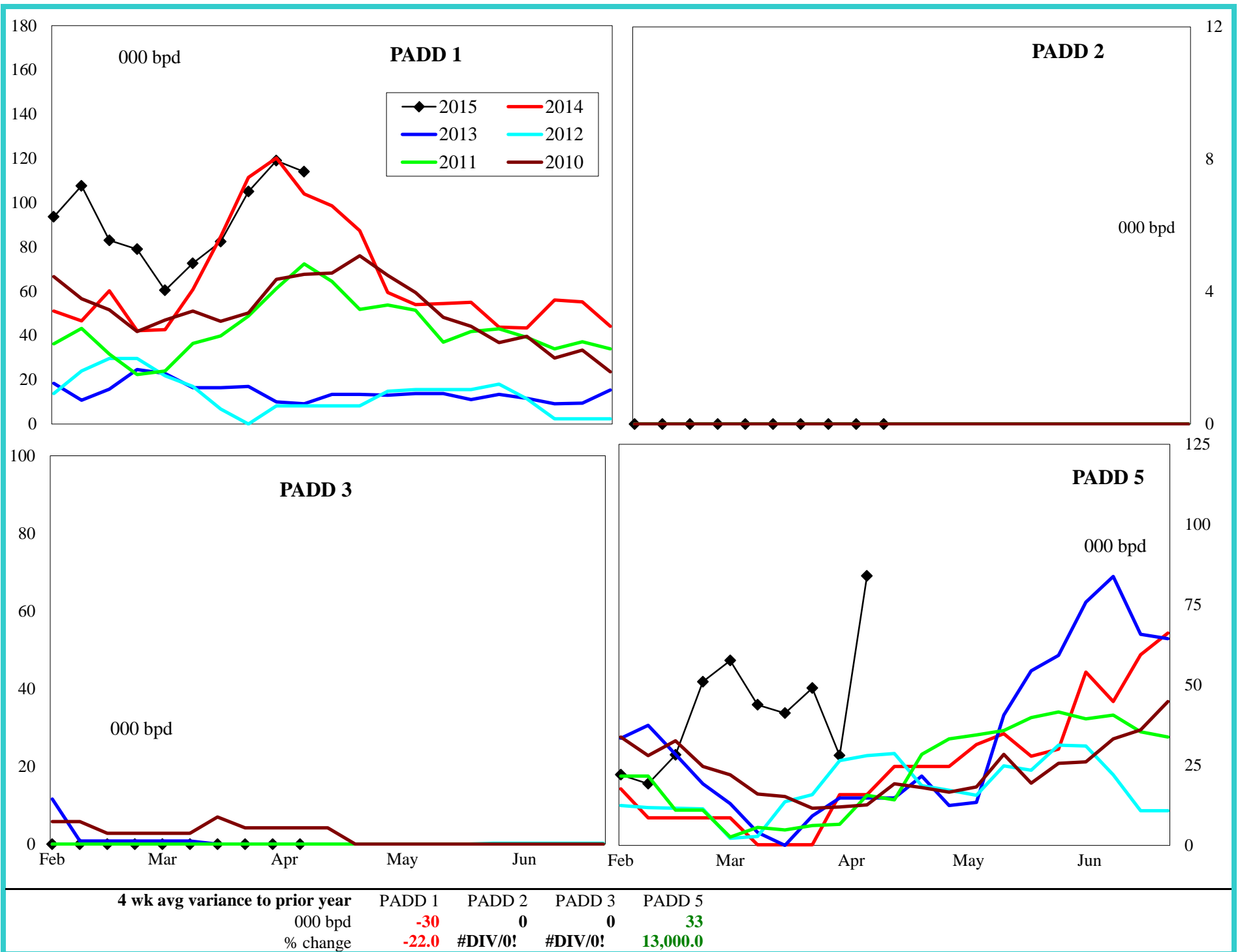
Gasoline Imports by PADD (Finished + Blend Stocks)



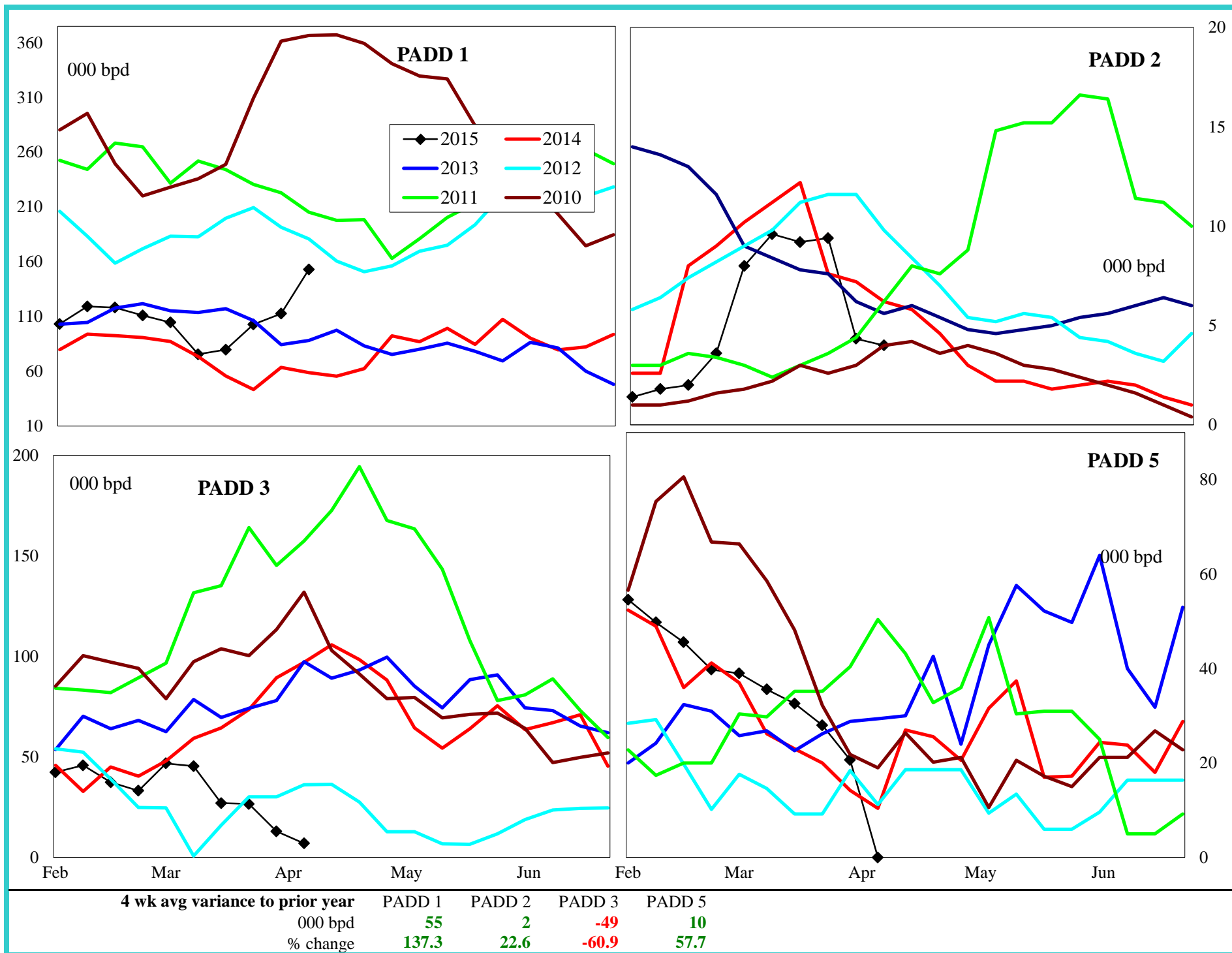
Distillate Imports by PADD



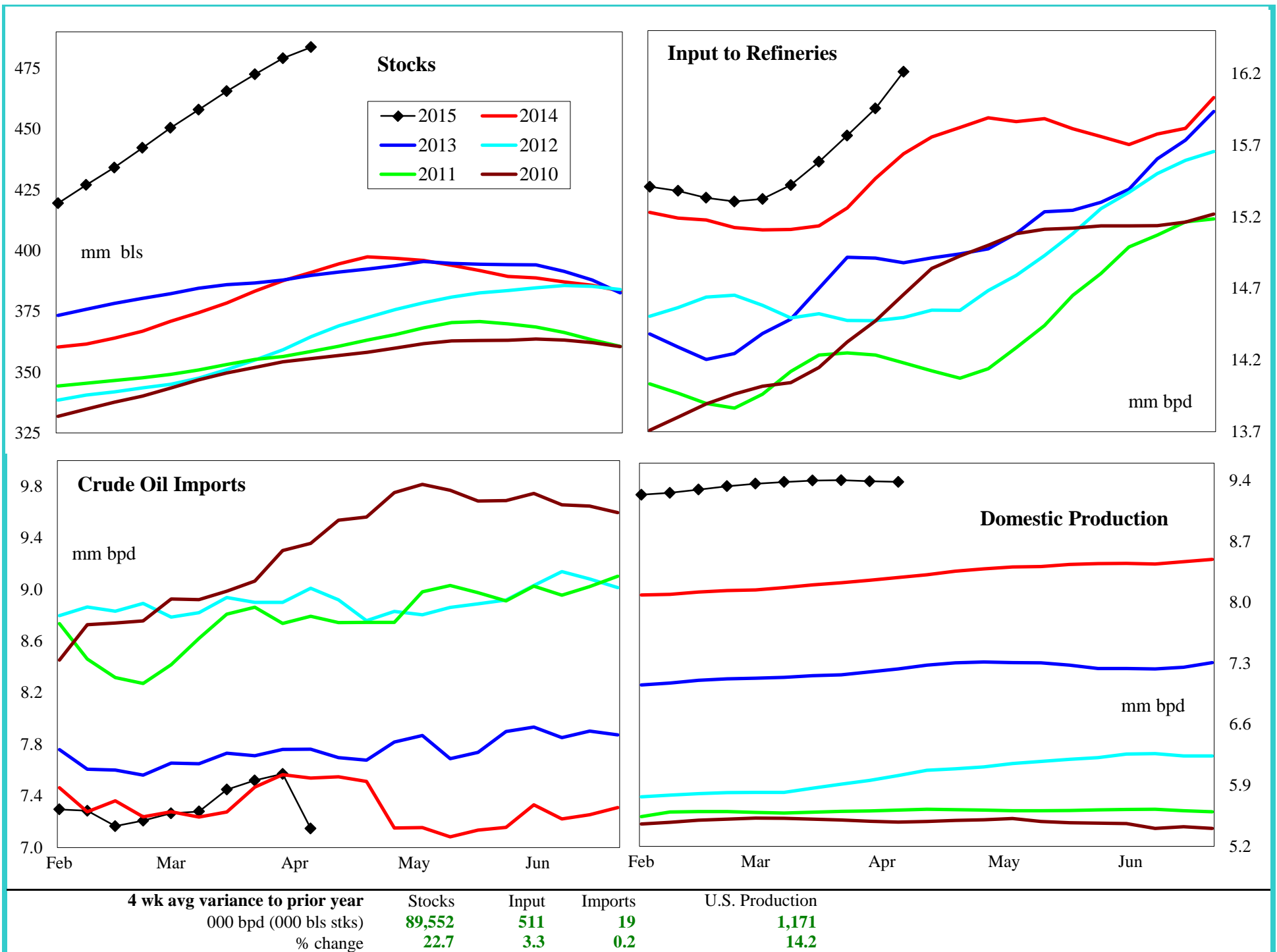
Jet Fuel Imports by PADD



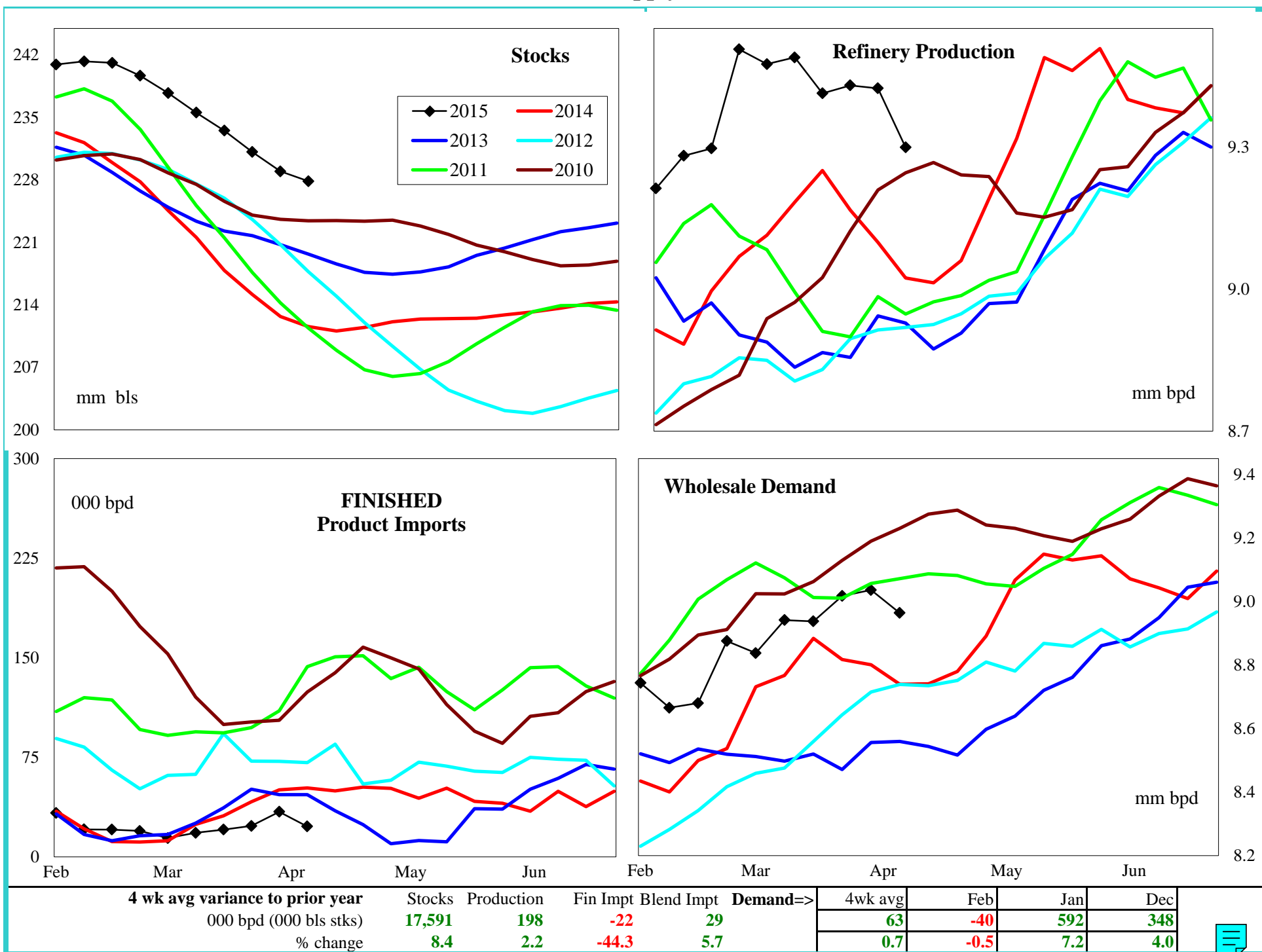
Residual Fuel Oil Imports by PADD



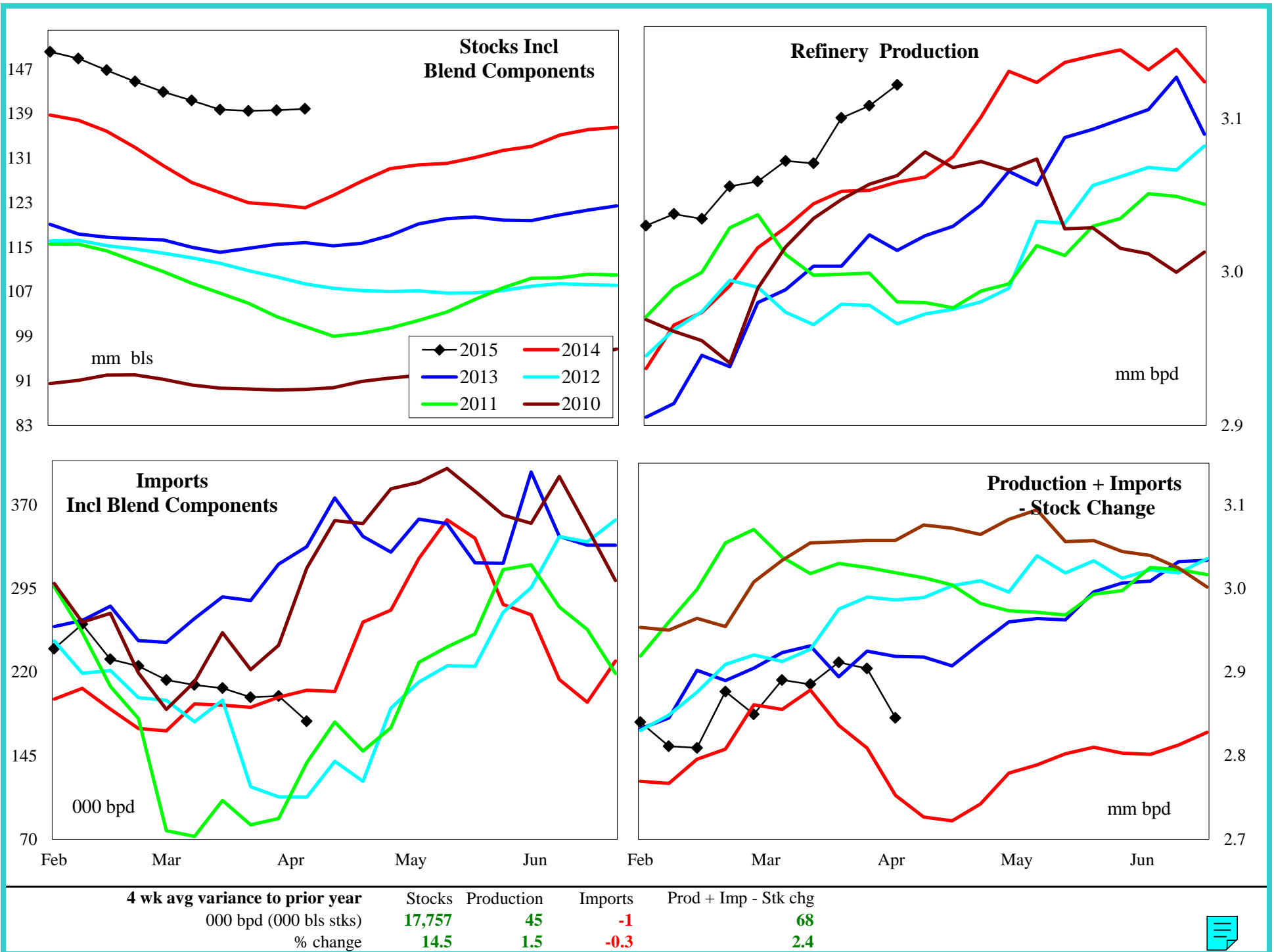
United States Crude Oil Supply and Demand Balance



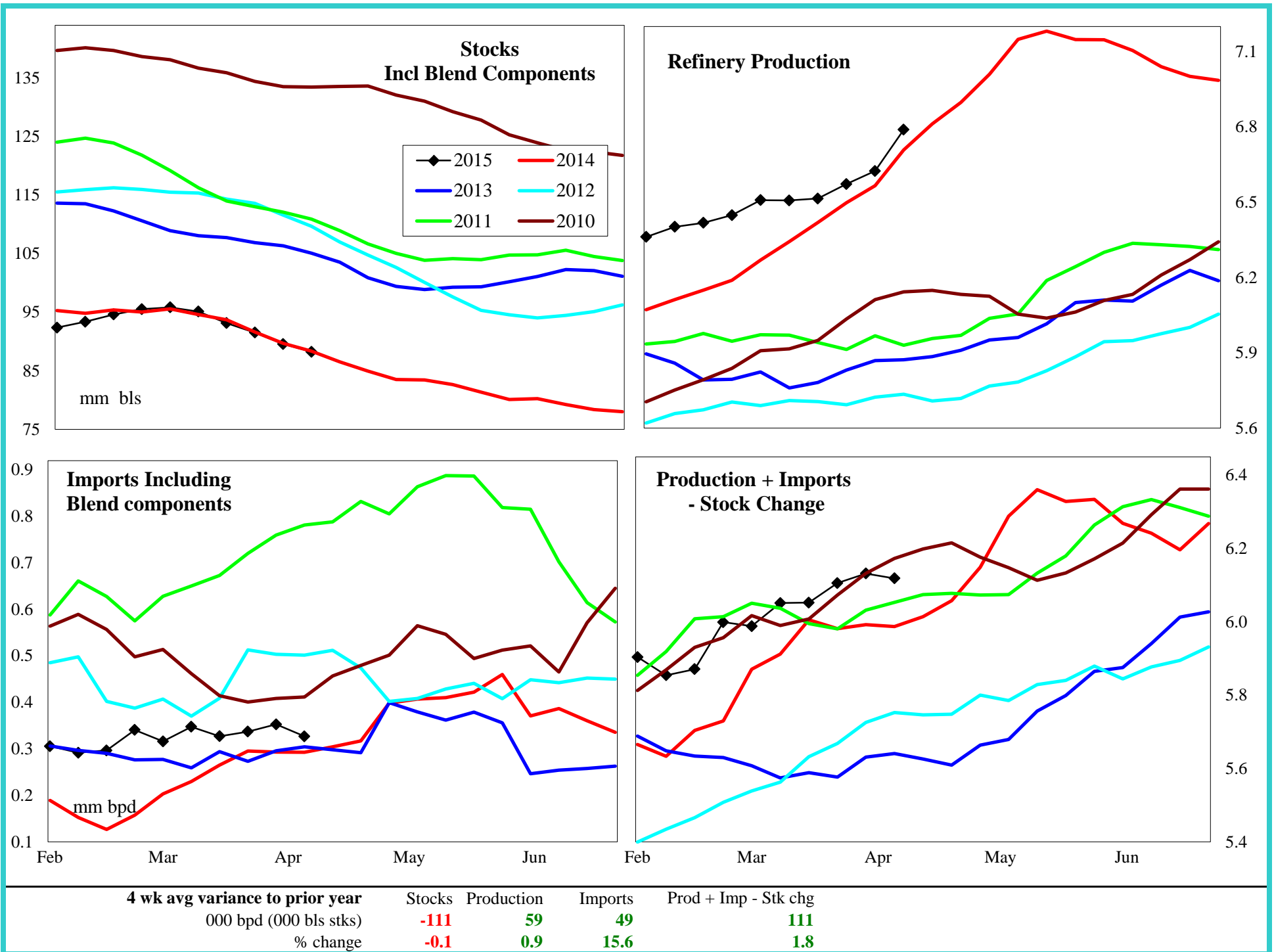
United States Gasoline Supply and Demand Balance



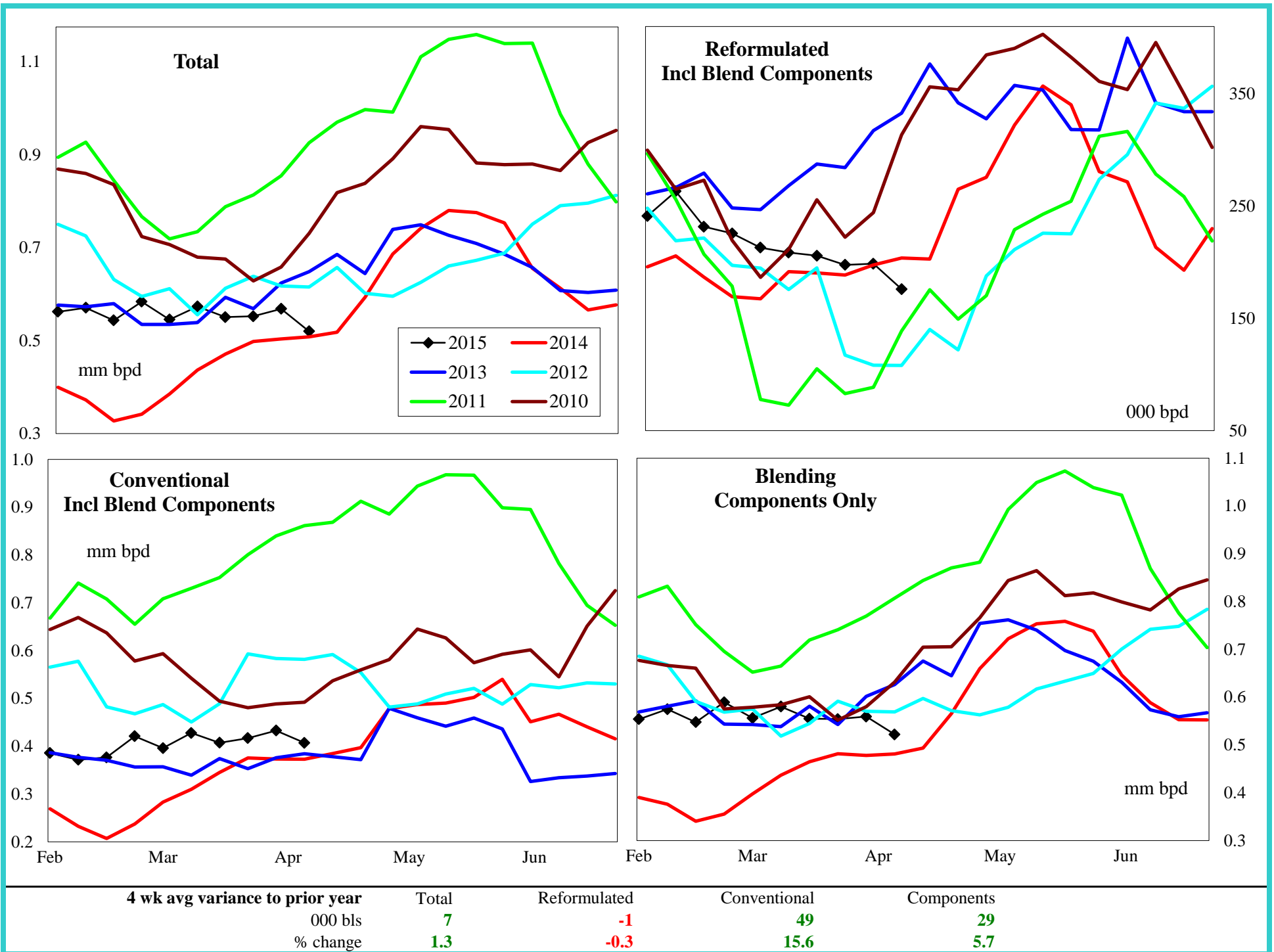
United States Reformulated Gasoline Supply



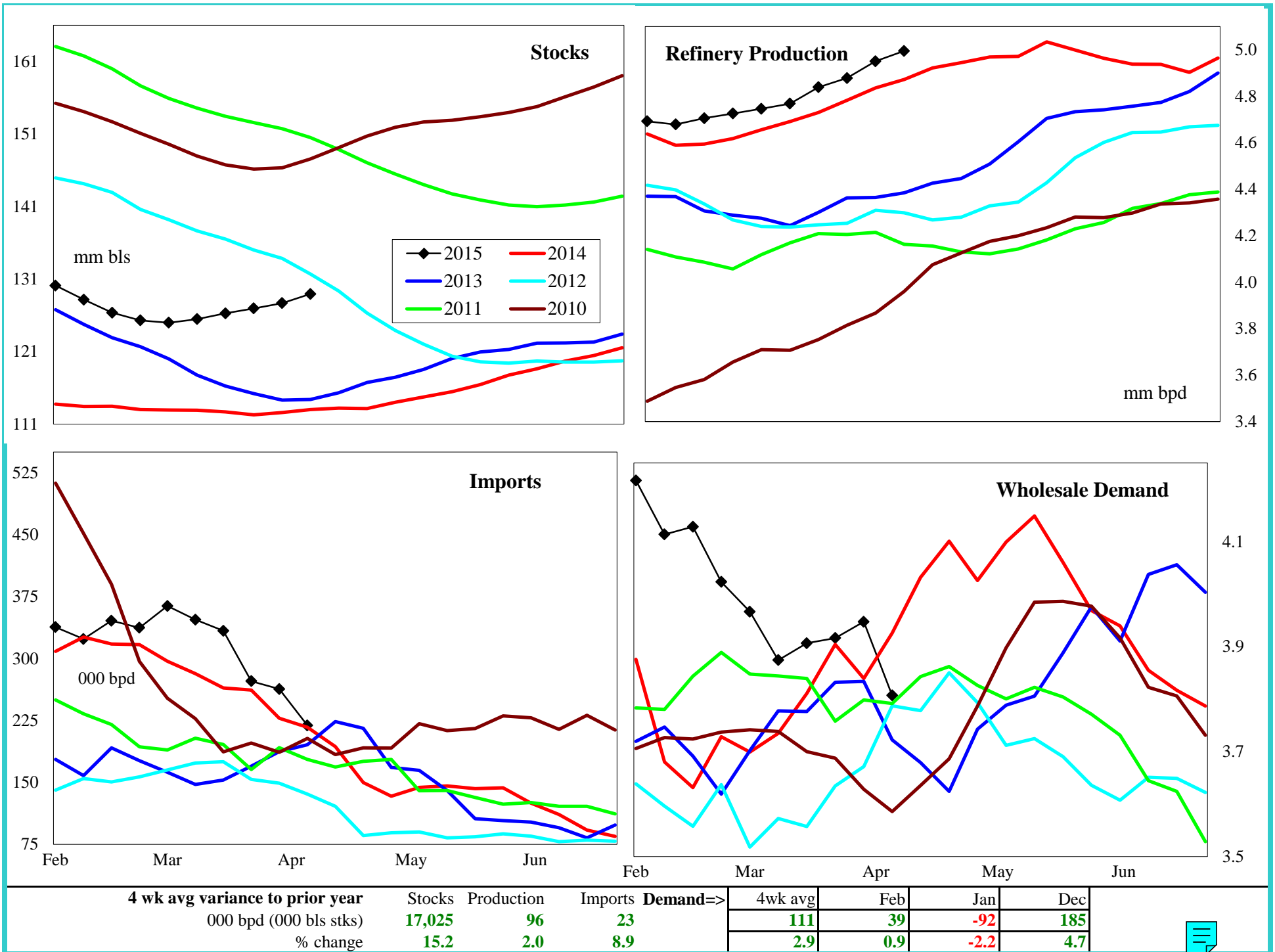
United States Conventional Gasoline Supply



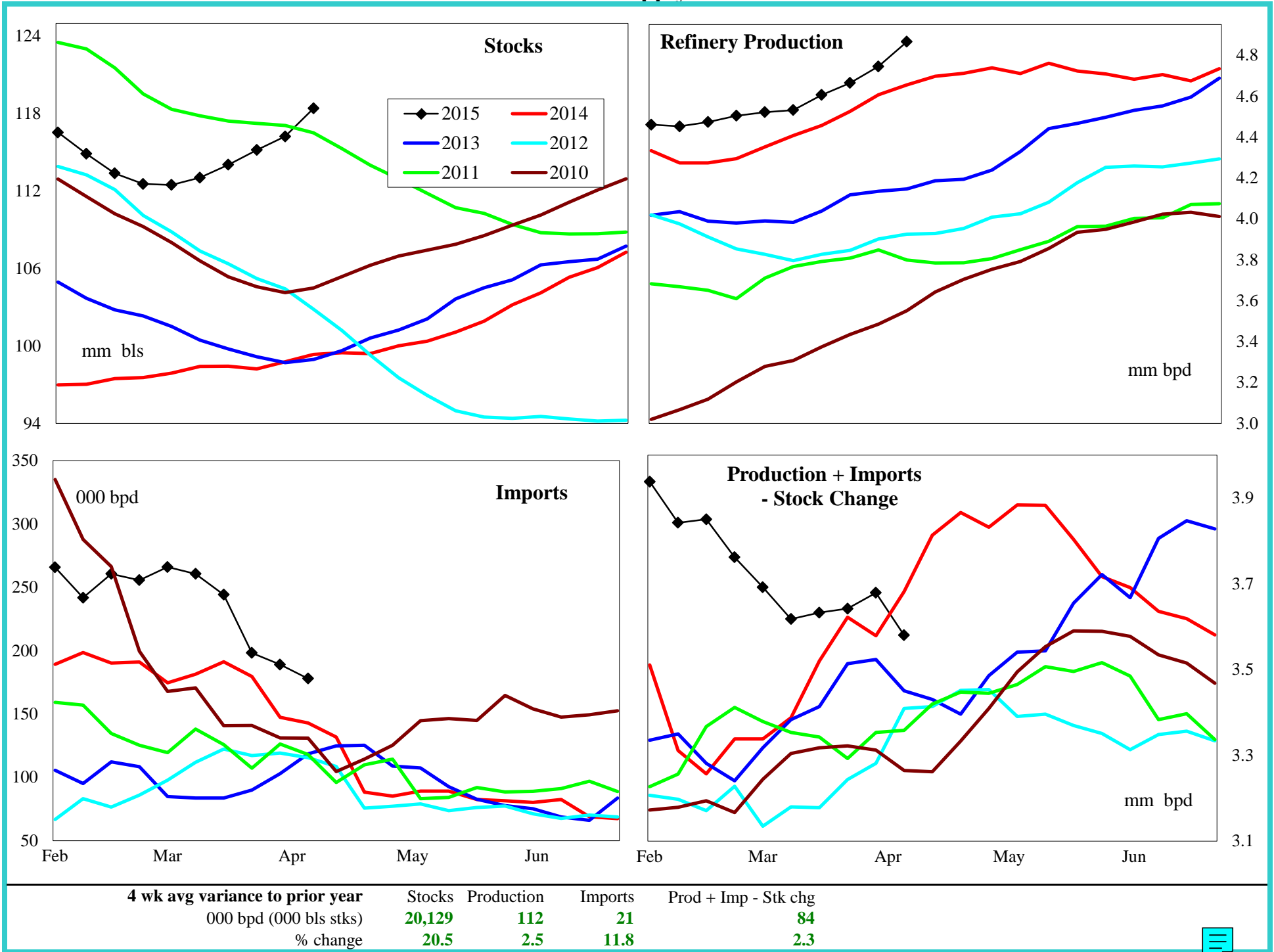
United States Gasoline Imports by Type



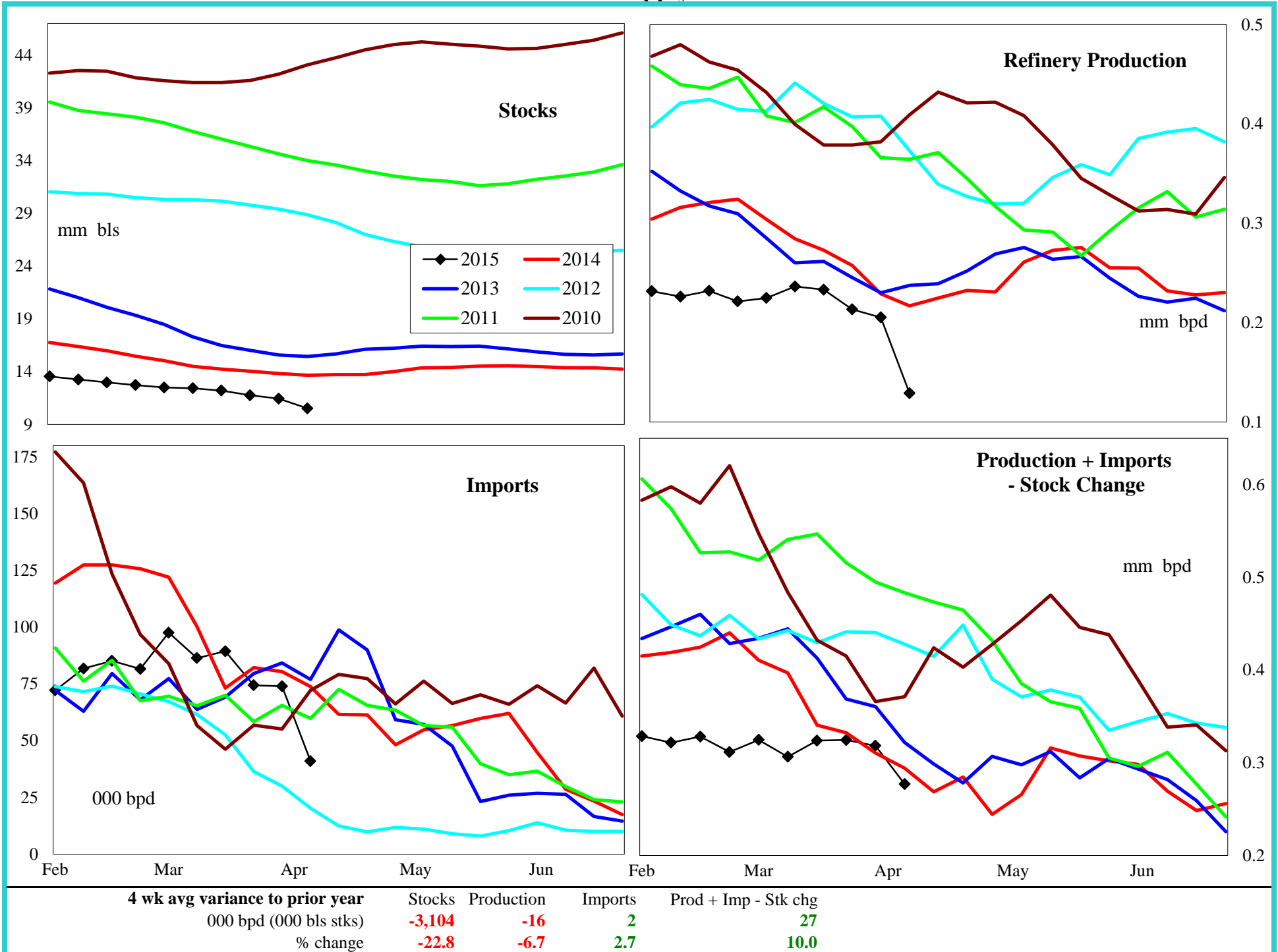
United States Distillate Supply and Demand Balance



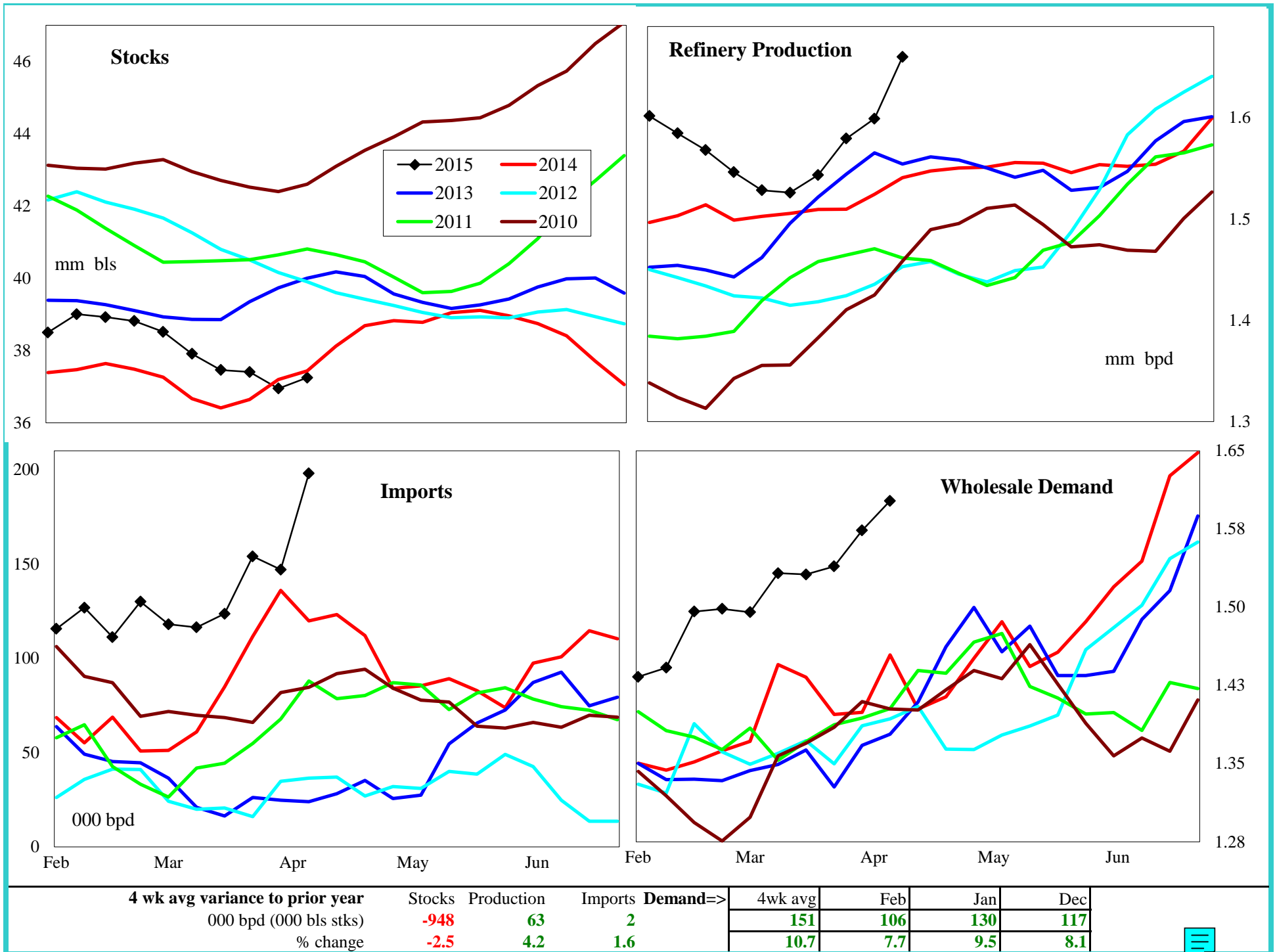
United States Crude Oil Supply and Demand Balance



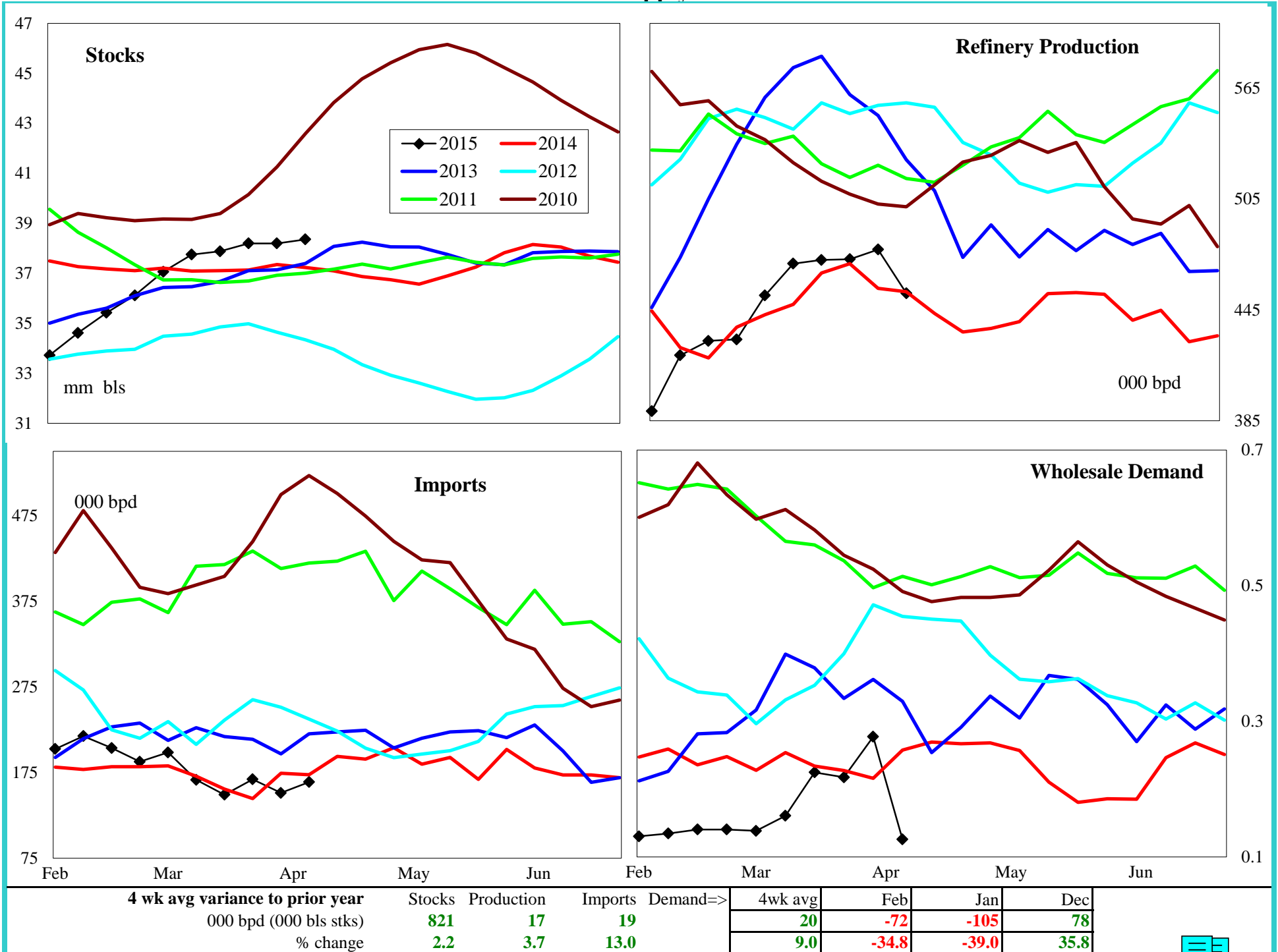
United States Crude Oil Supply and Demand Balance



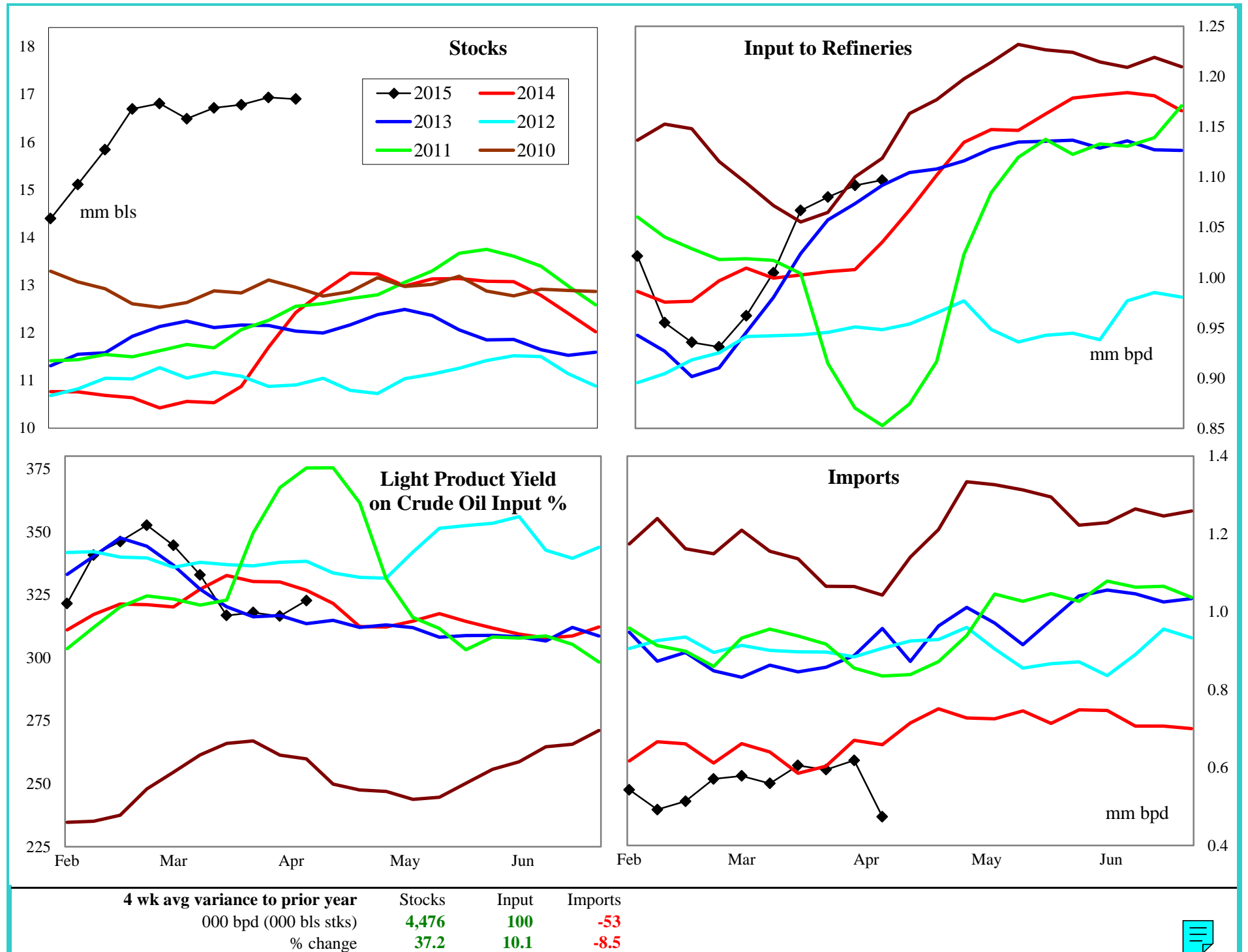
United States Crude Oil Supply and Demand Balance



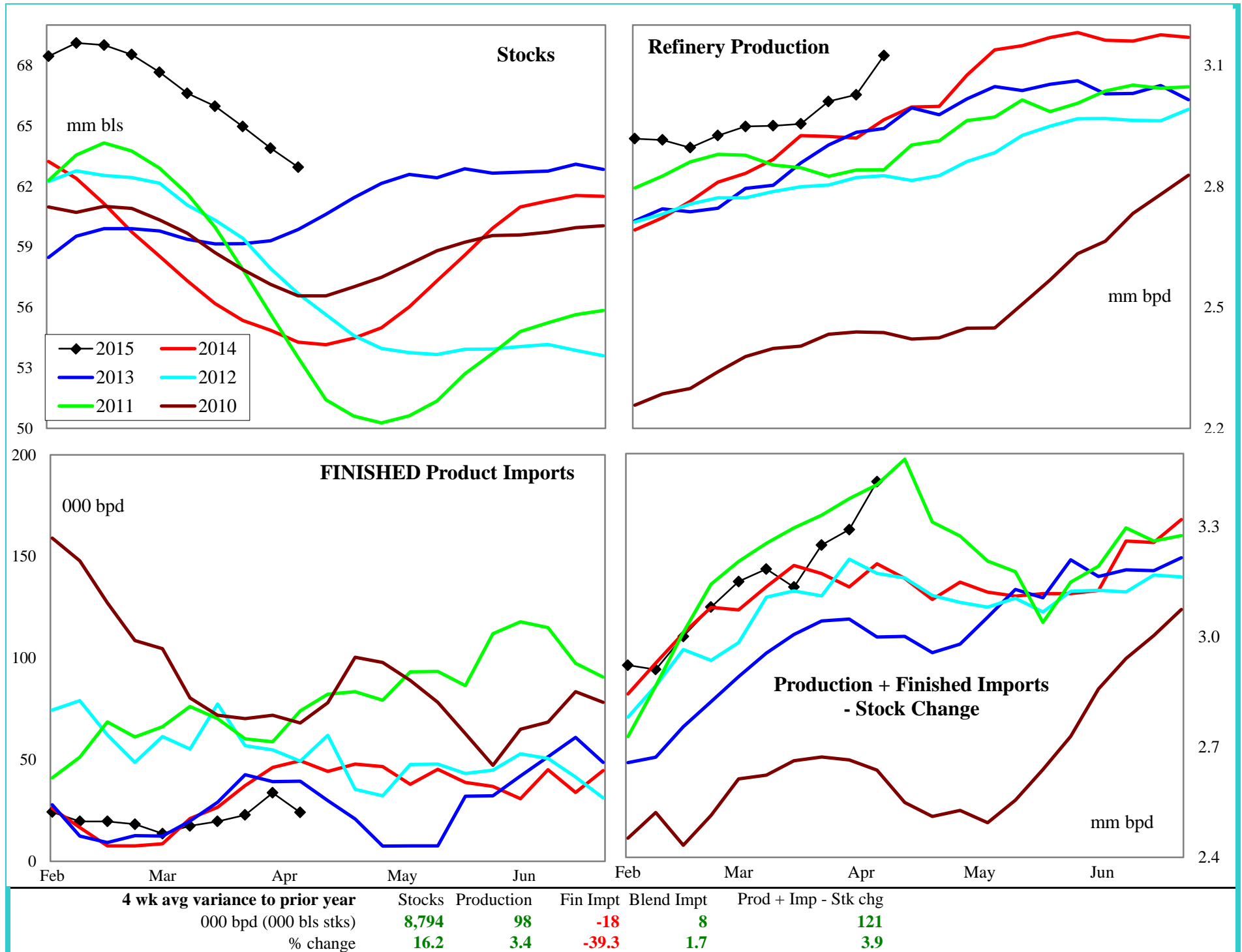
United States Crude Oil Supply and Demand Balance



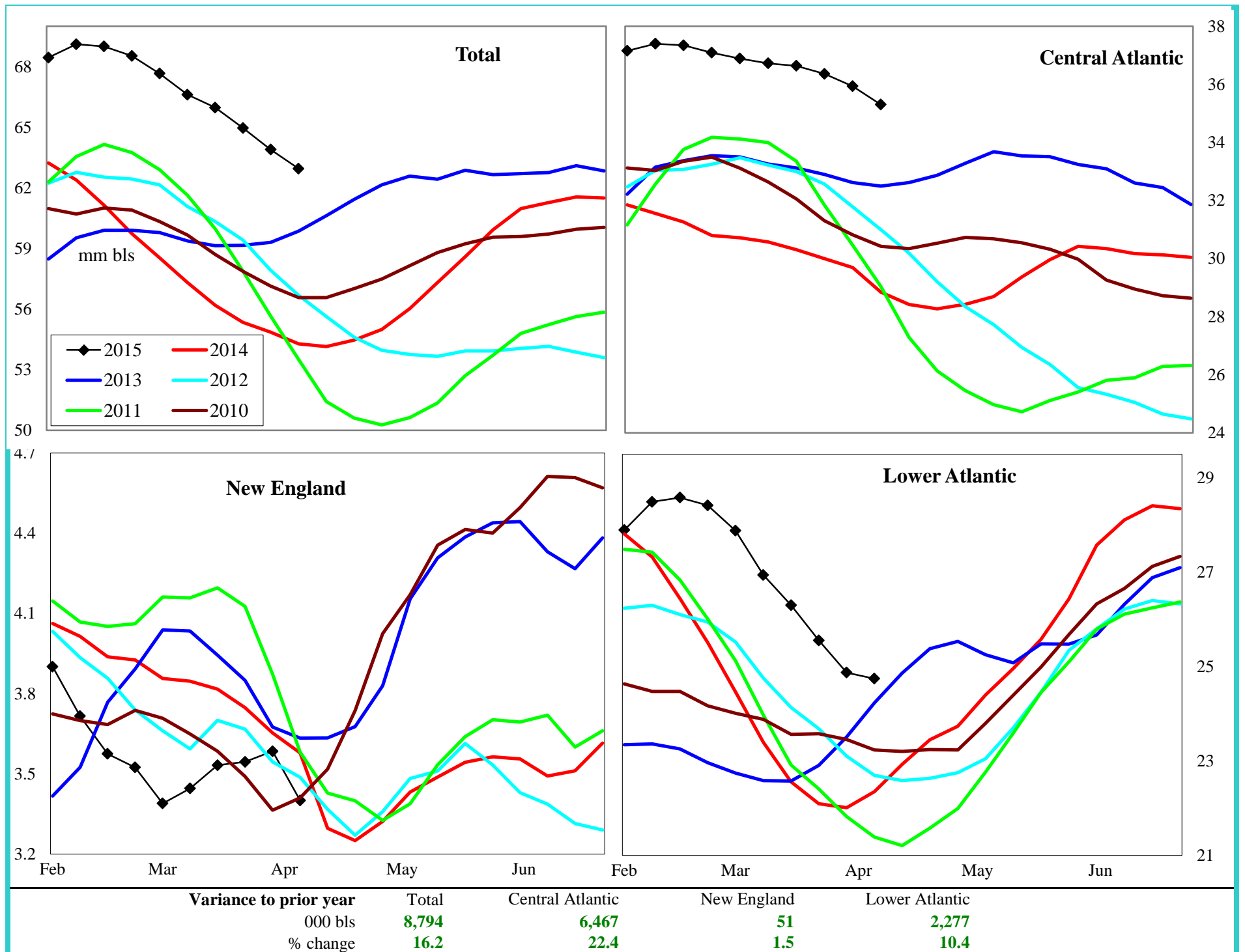
PADD 1 Crude Oil Supply and Refining



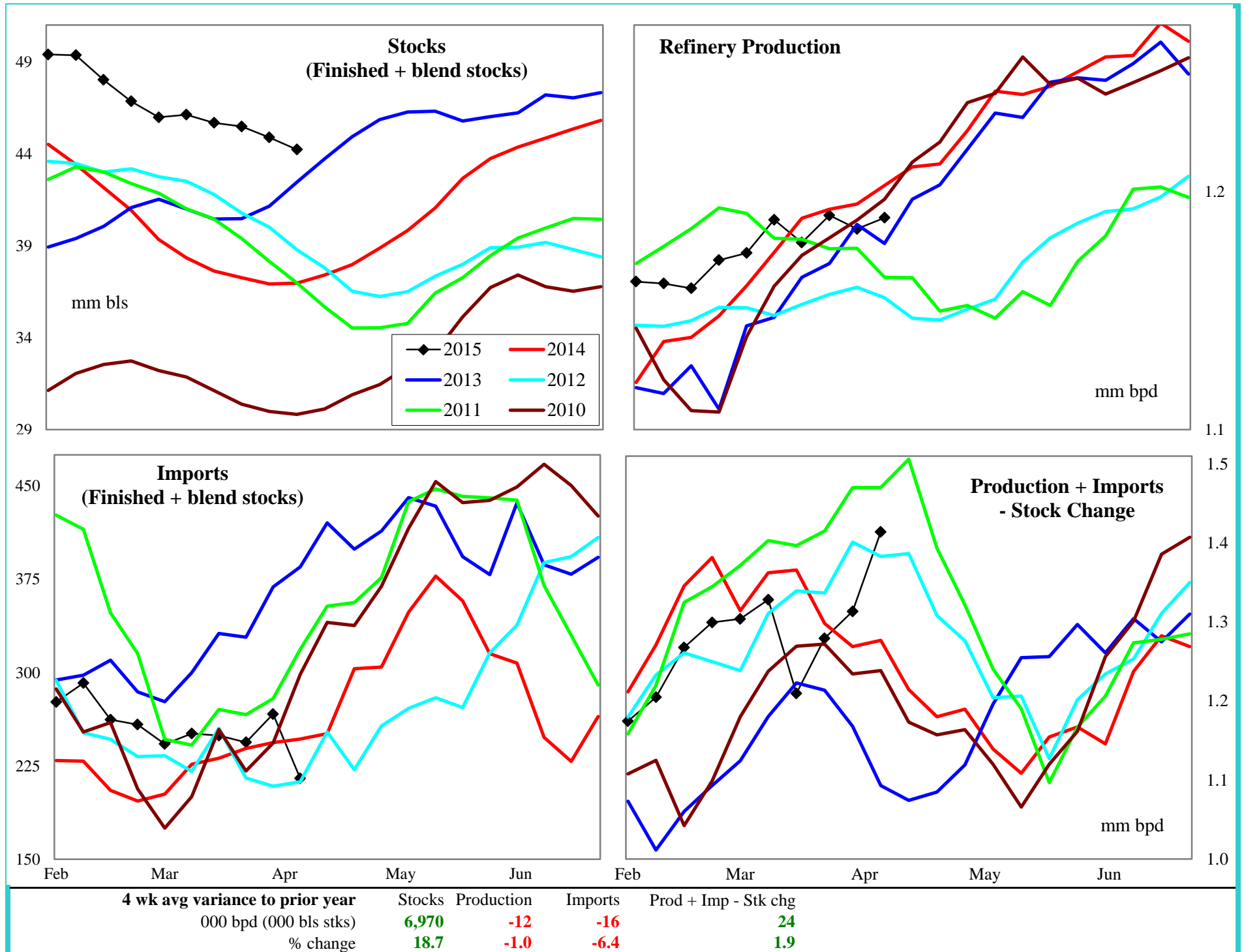
PADD 1 Gasoline Supply



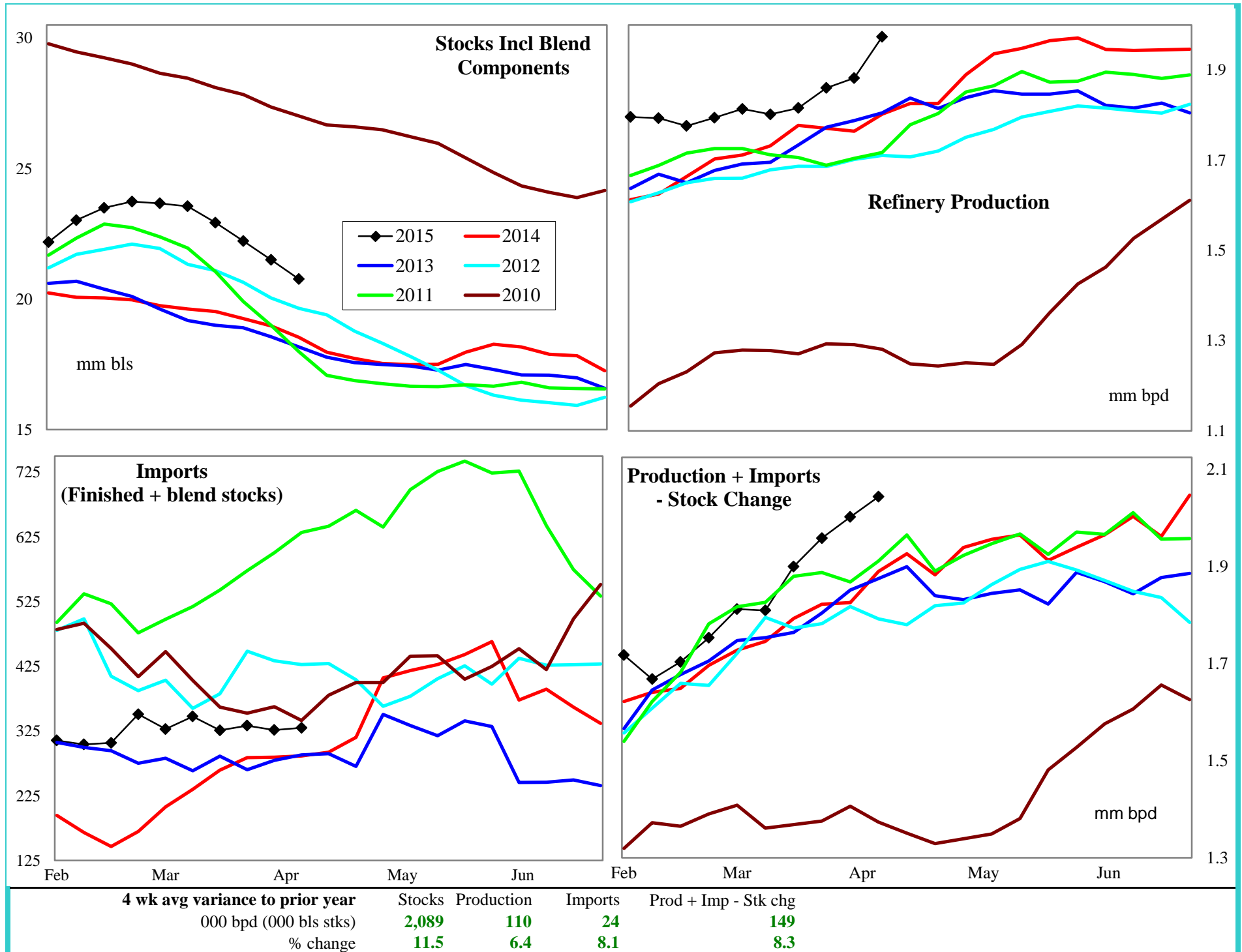
PADD 1 Gasoline Stocks by Region



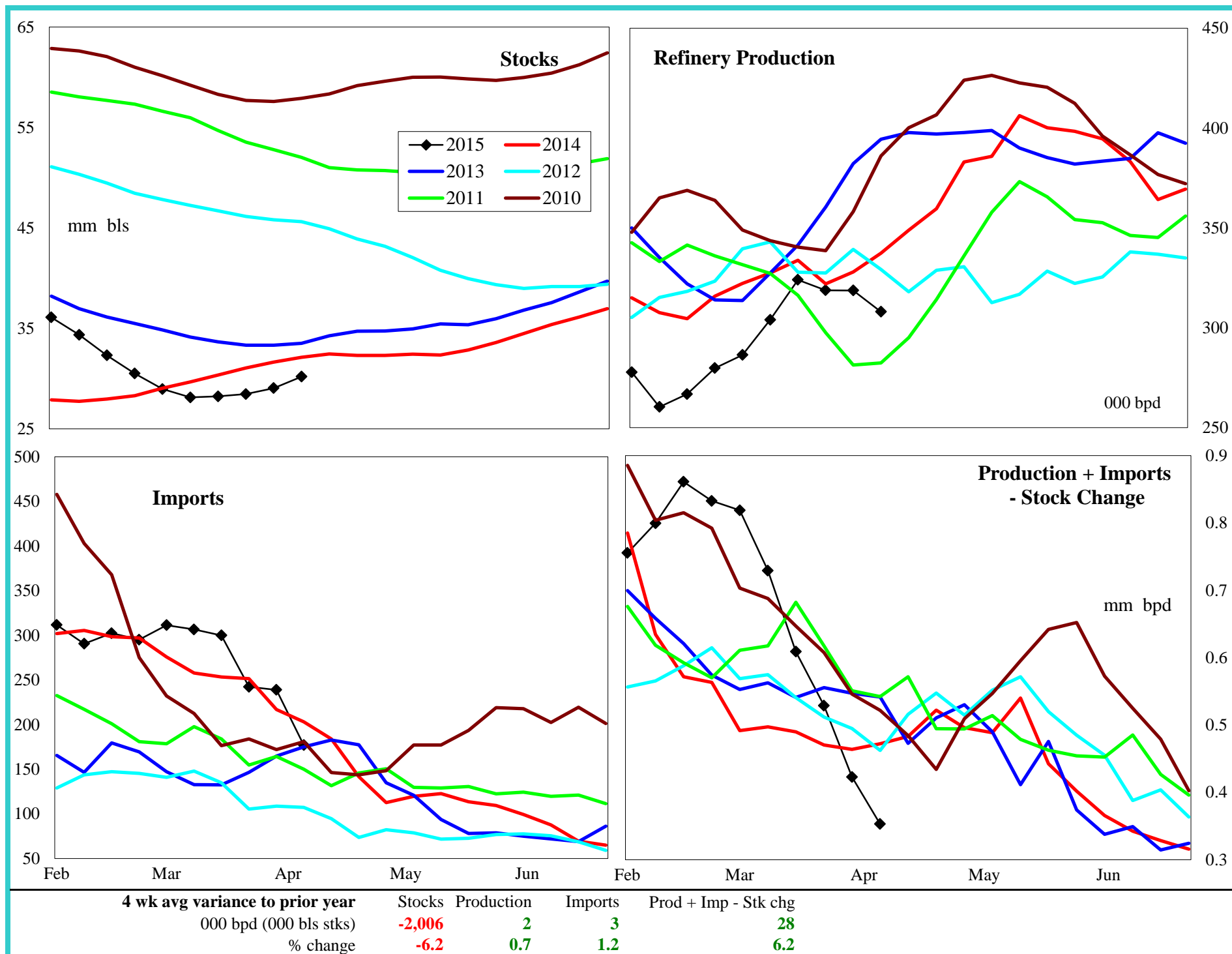
PADD 1 Reformulated Gasoline Supply



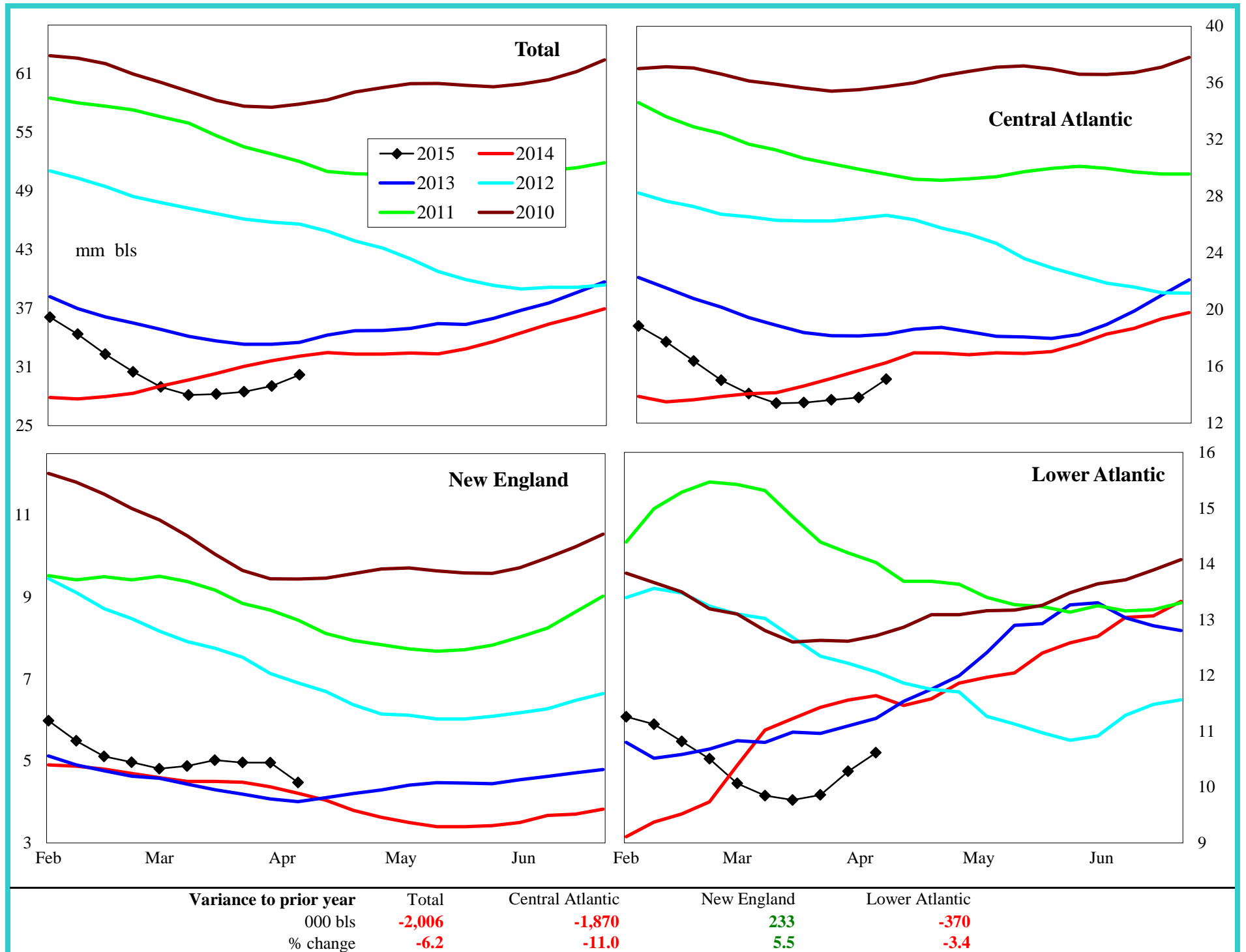
PADD 1 Conventional Gasoline Supply



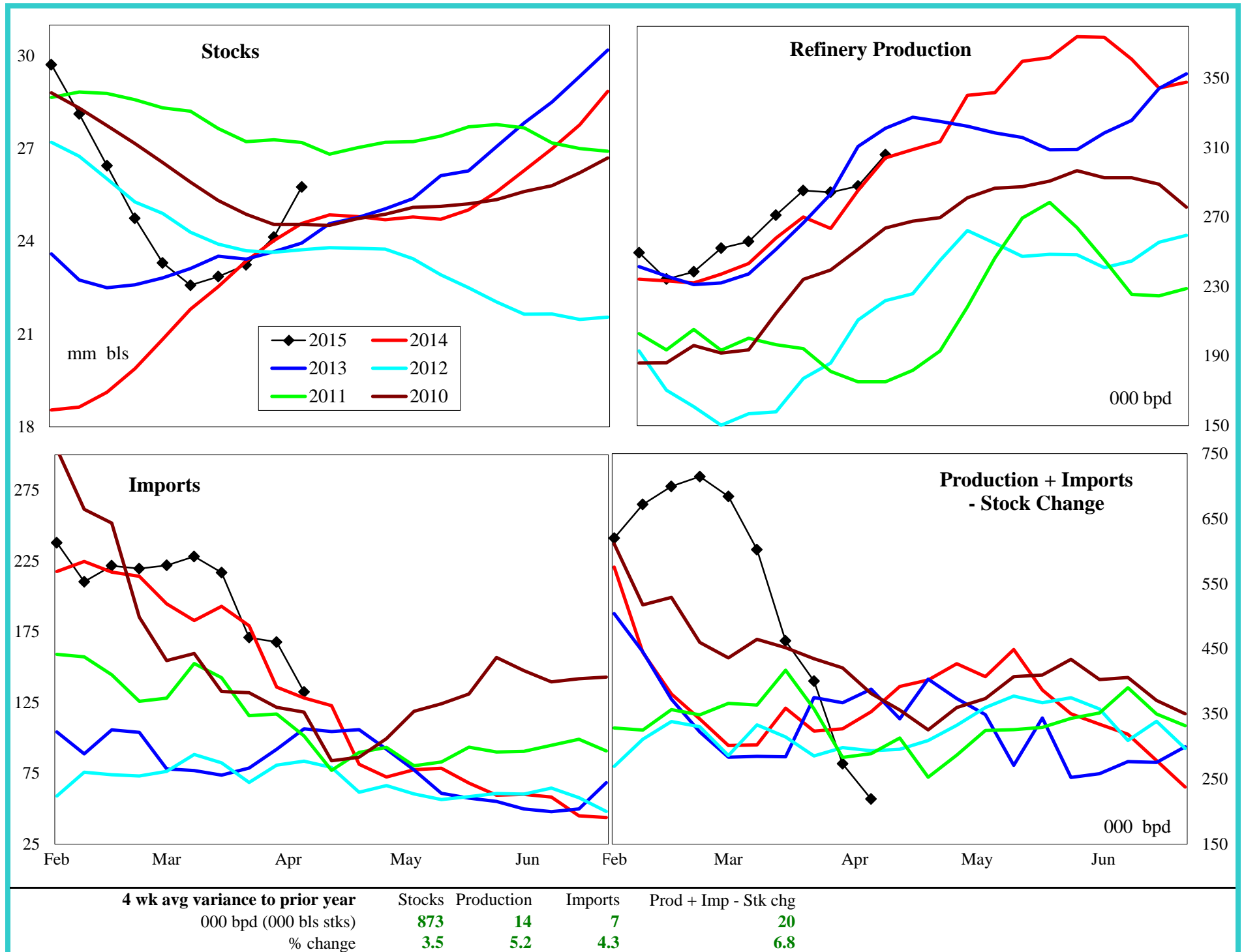
PADD 1 Distillate Supply



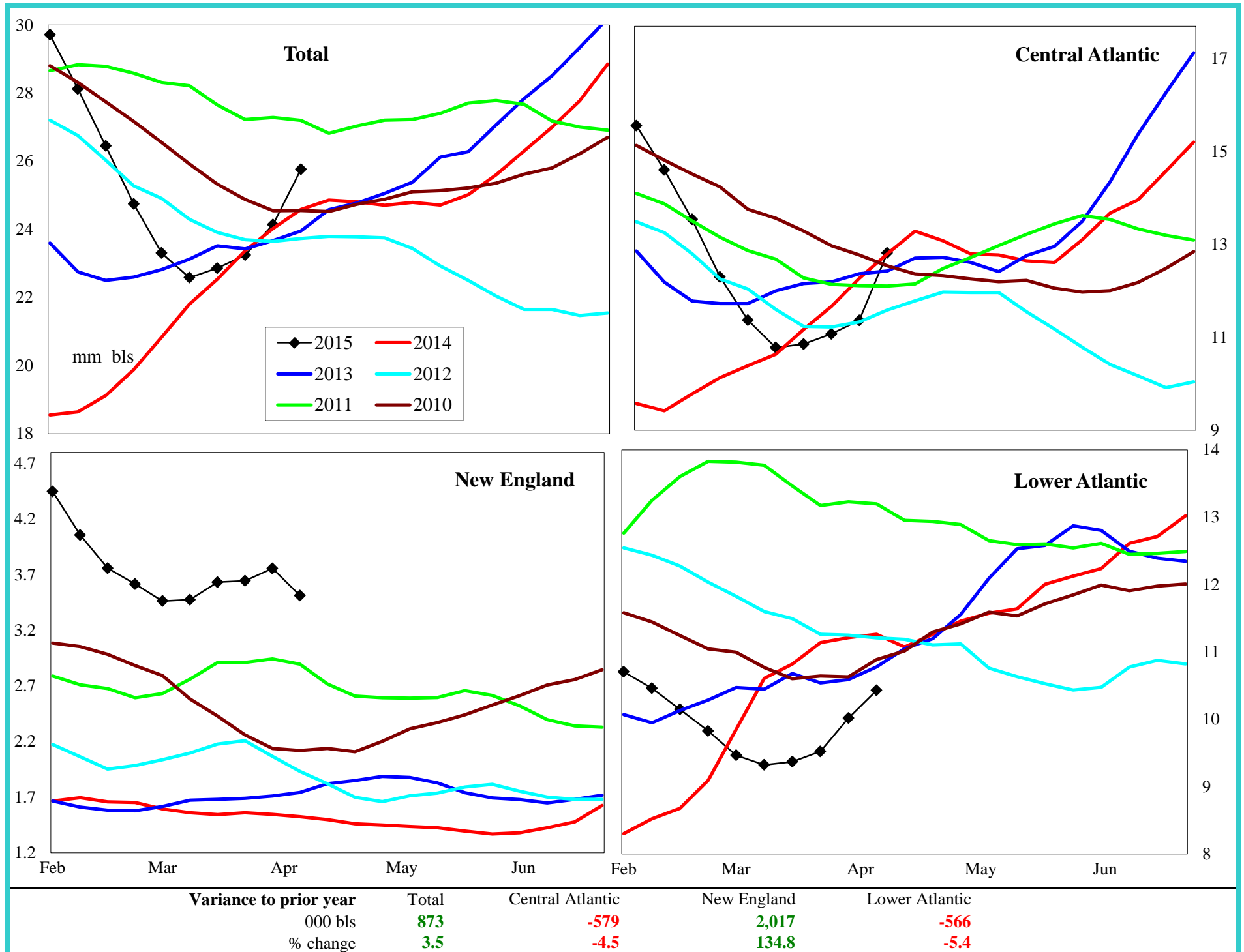
PADD 1 Distillate Stocks by Region



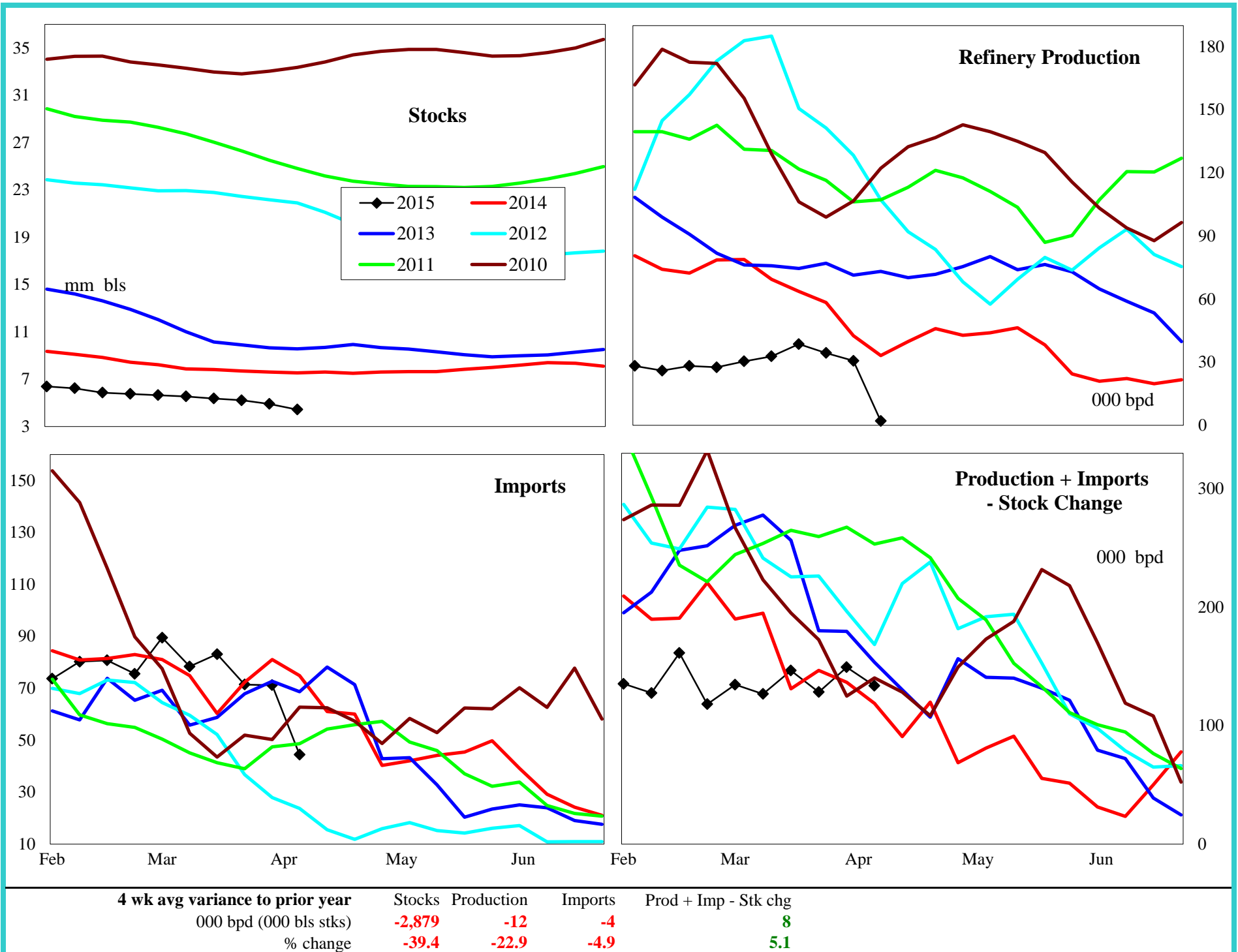
PADD 1 Low Sulfur Distillate Supply



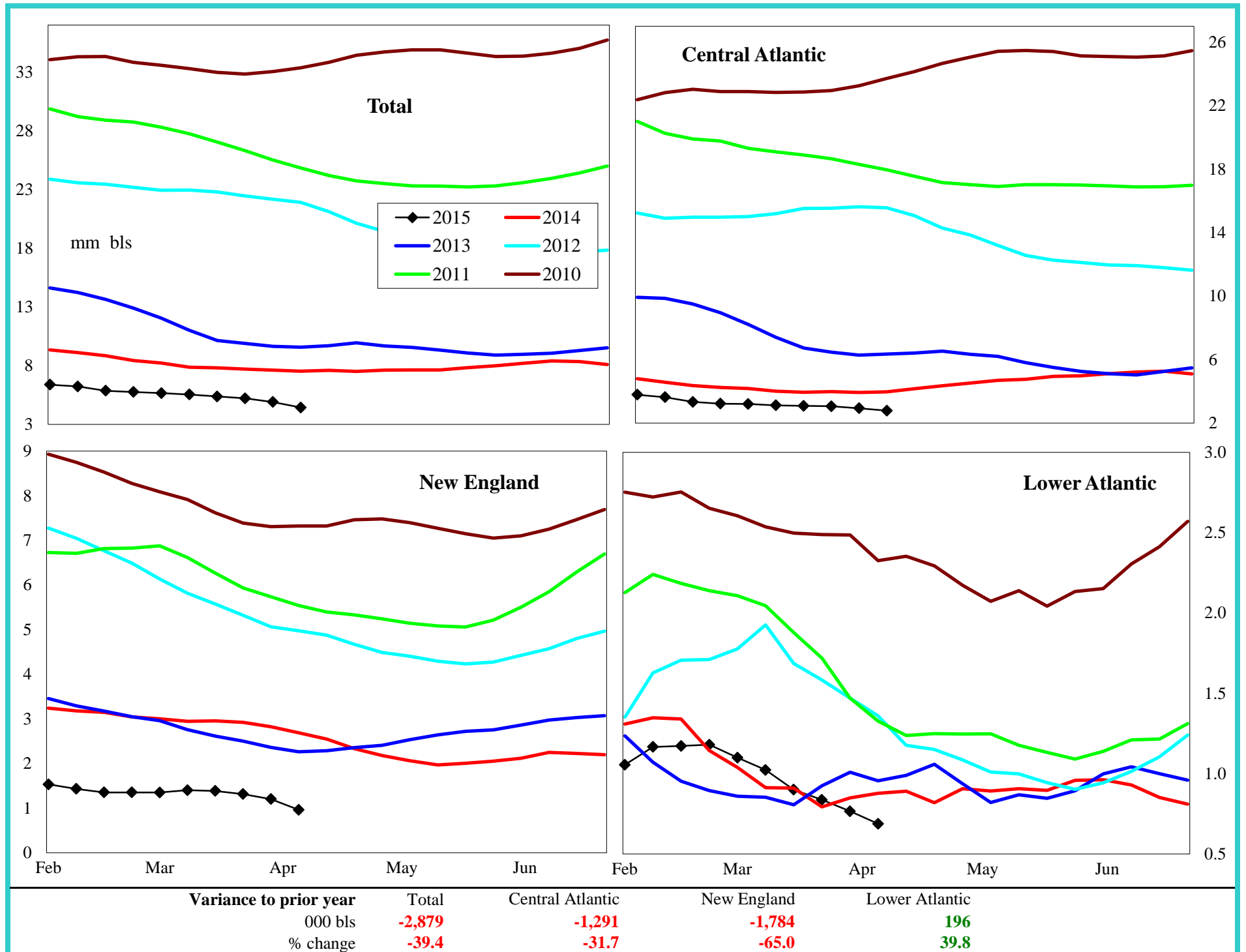
PADD 1 Low Sulfur Distillate Stocks by Region



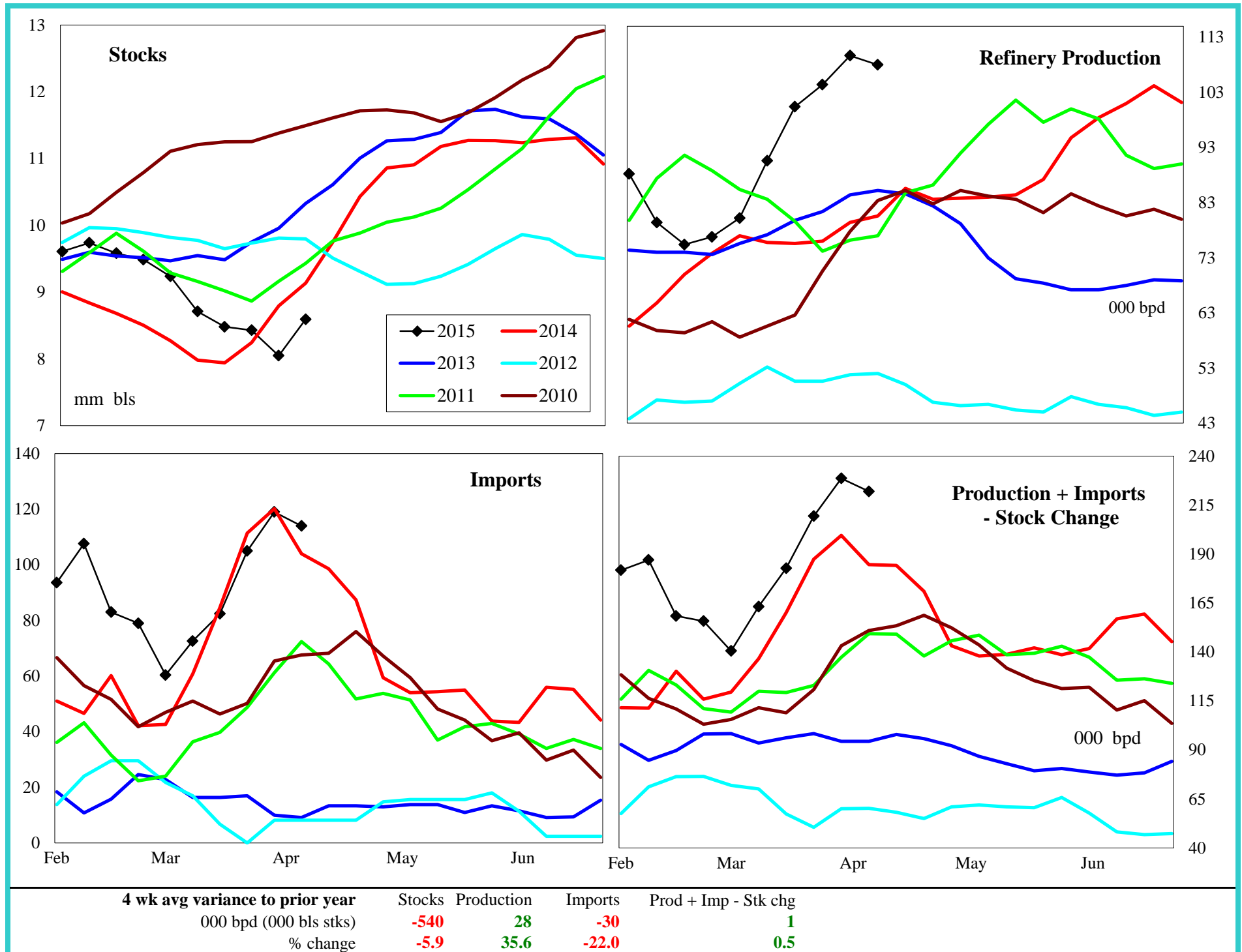
PADD 1 High Sulfur Distillate Supply



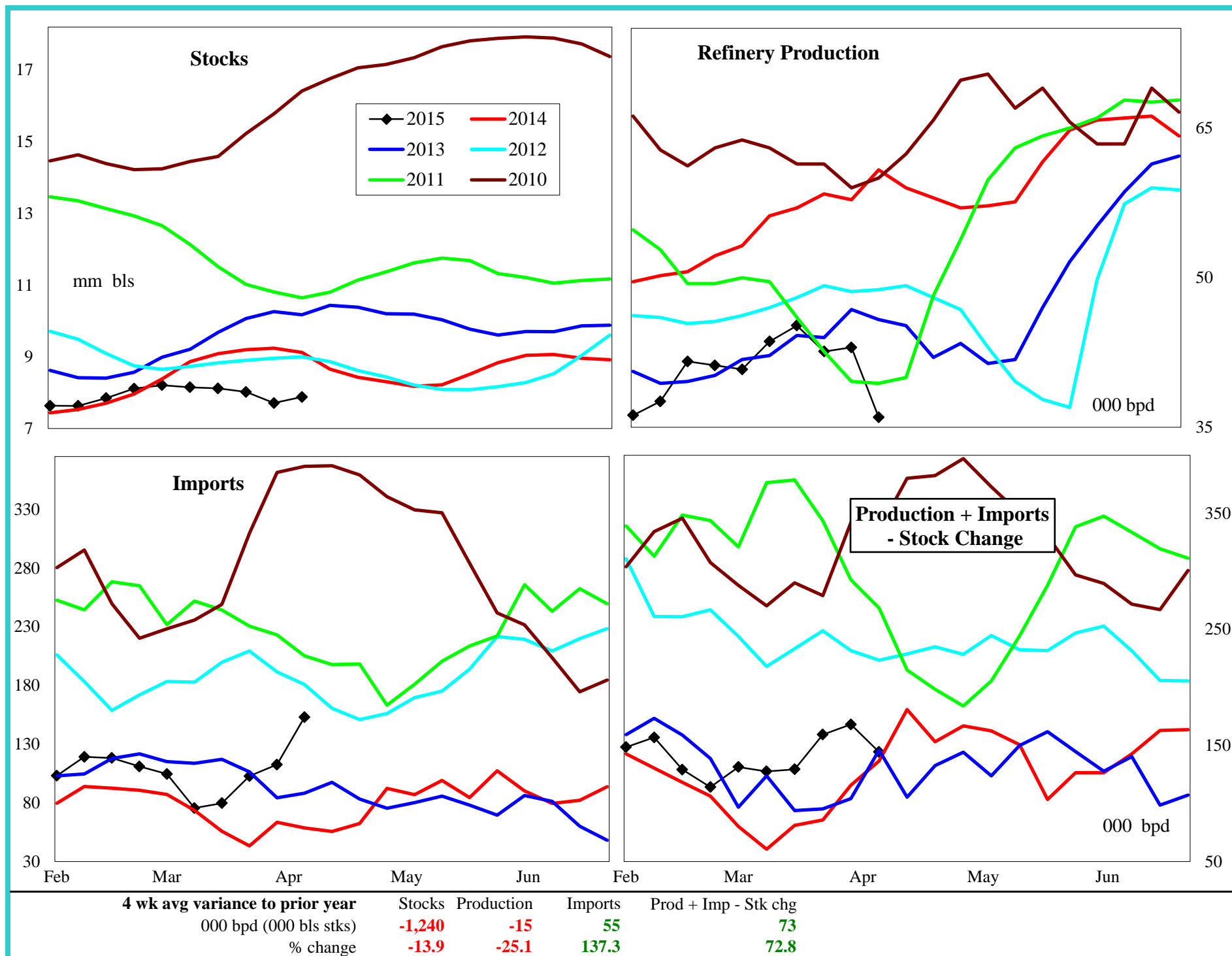
PADD 1 High Sulfur Distillate Stocks by Region



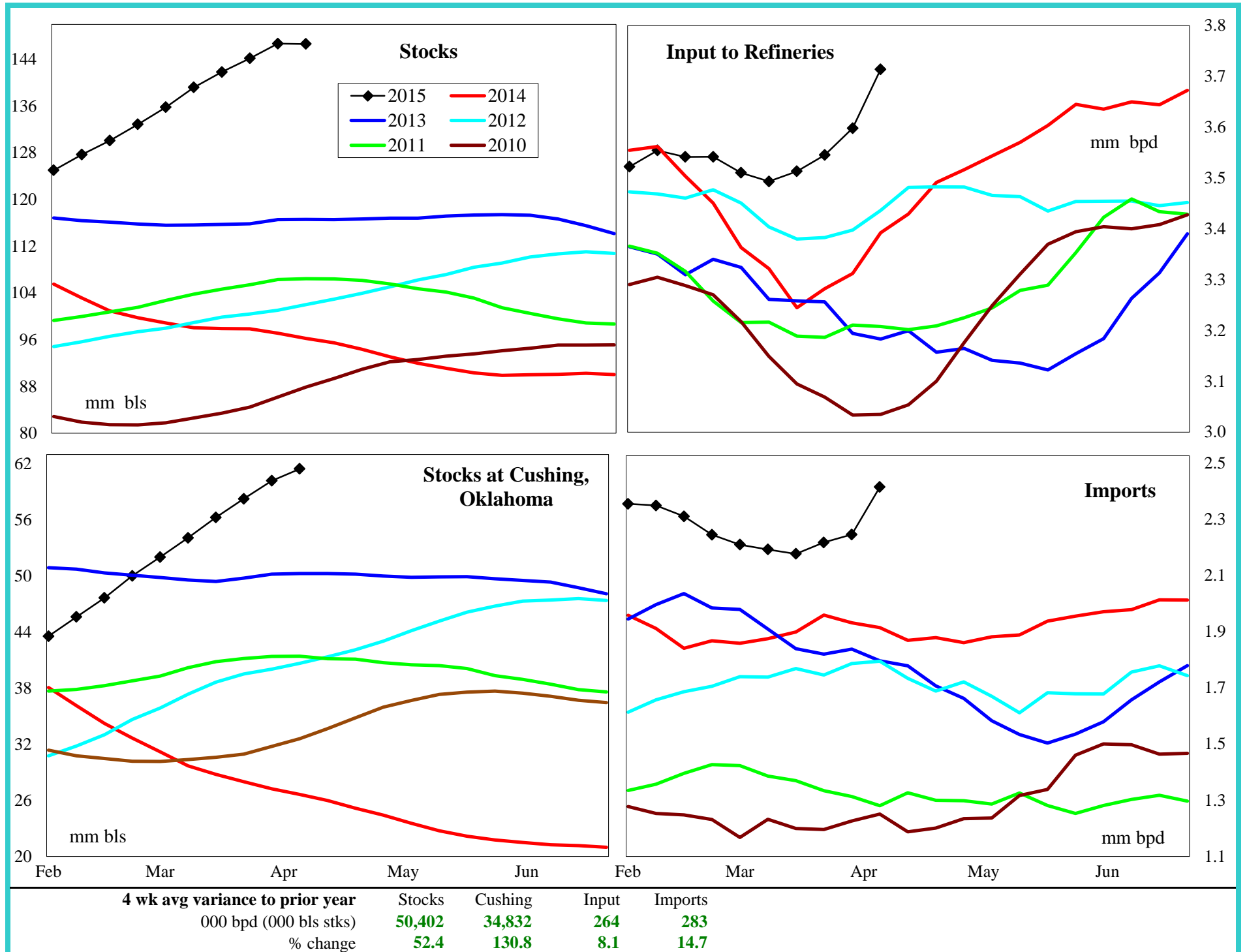
PADD 1 Jet Fuel Supply



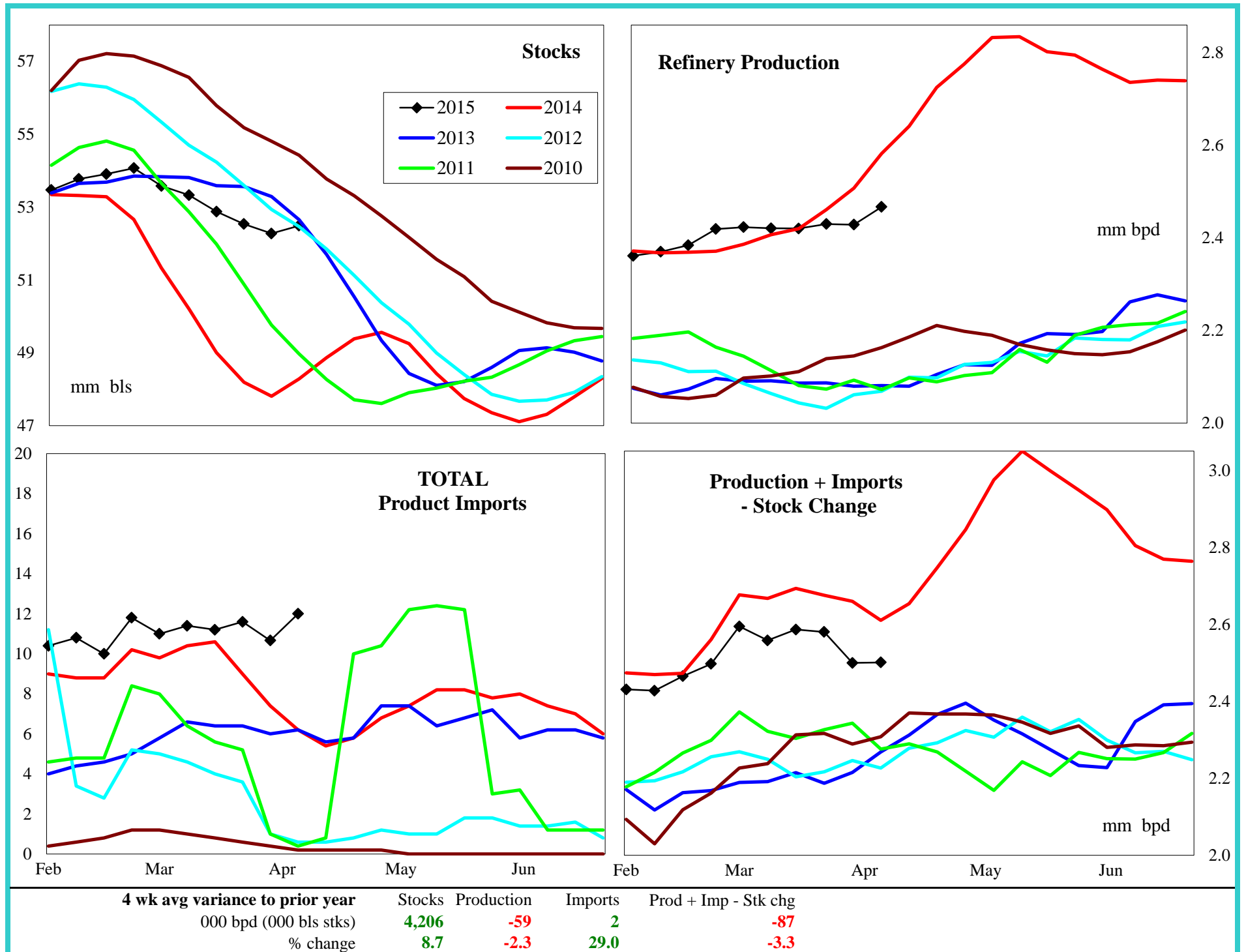
PADD 1 Residual Fuel Oil Supply



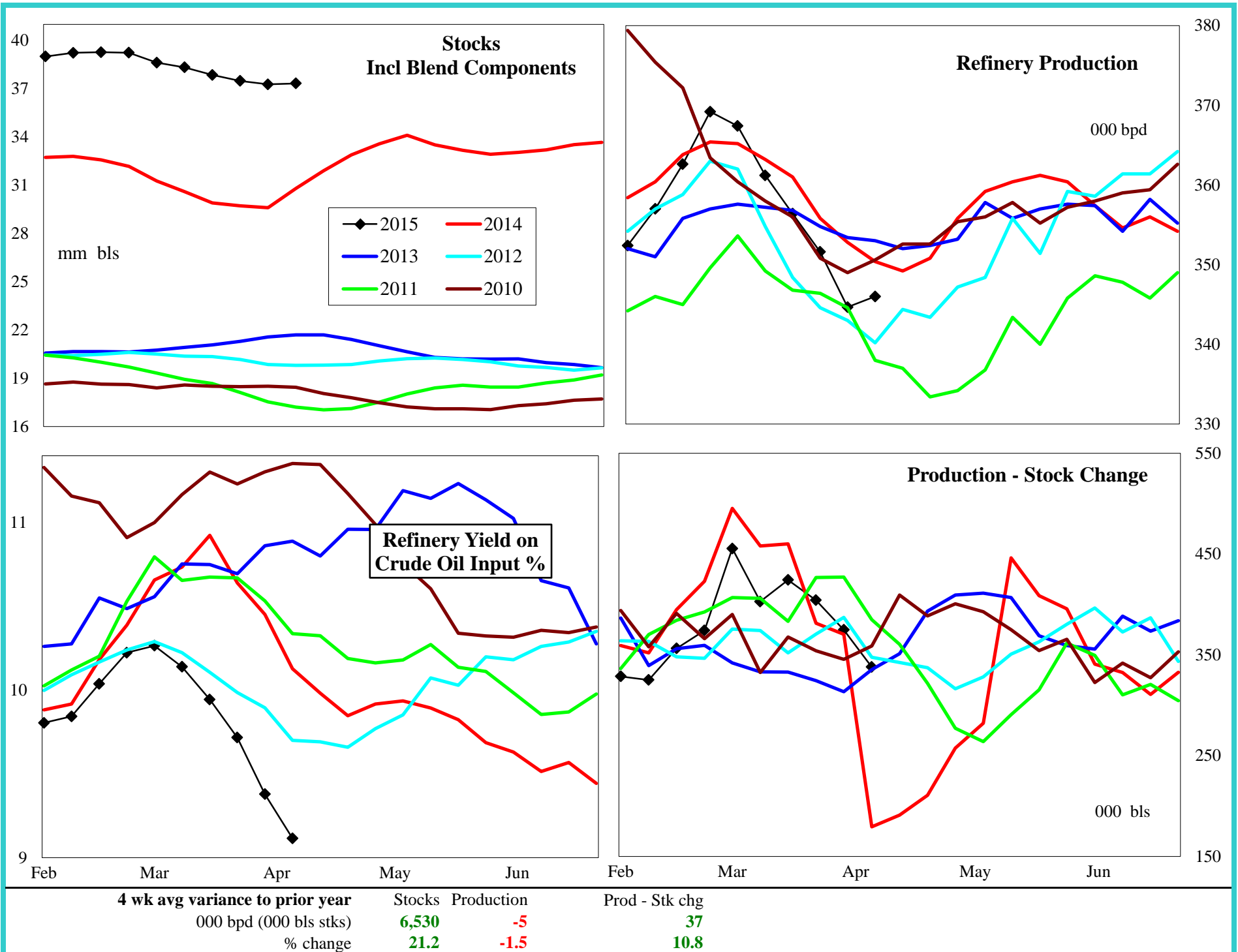
PADD 2 Crude Oil Supply and Refining



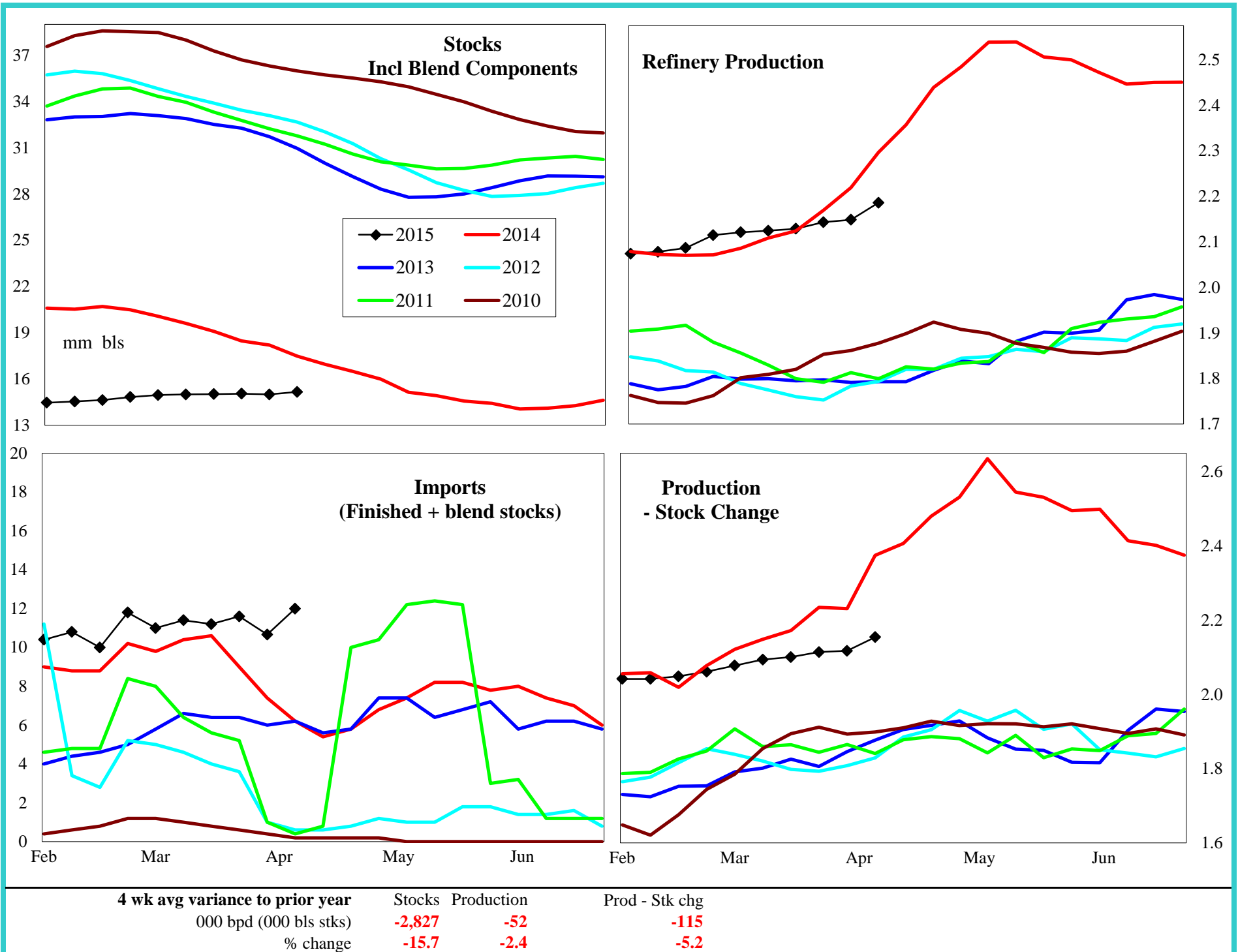
PADD 2 Gasoline Supply



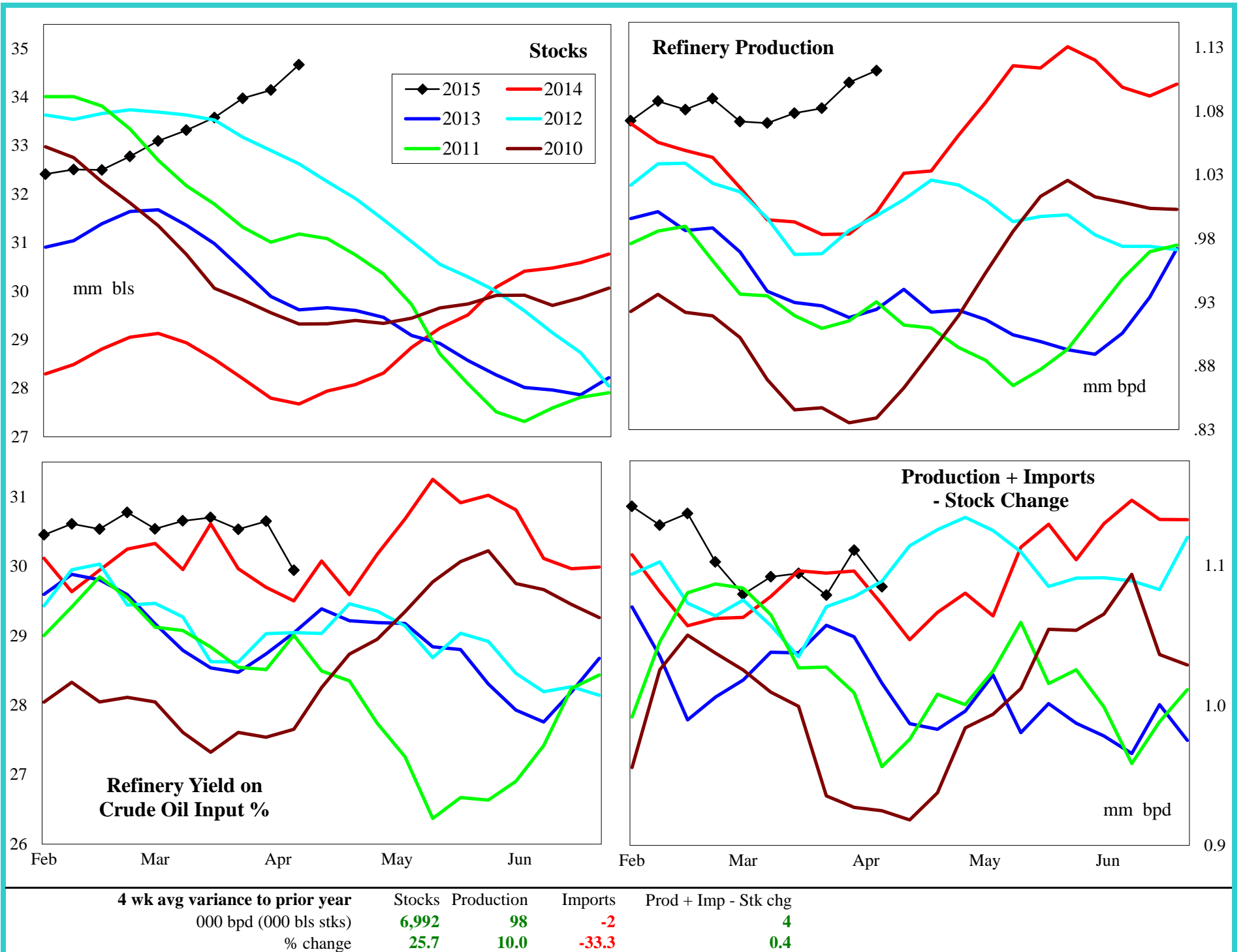
PADD 2 Reformulated Gasoline Supply



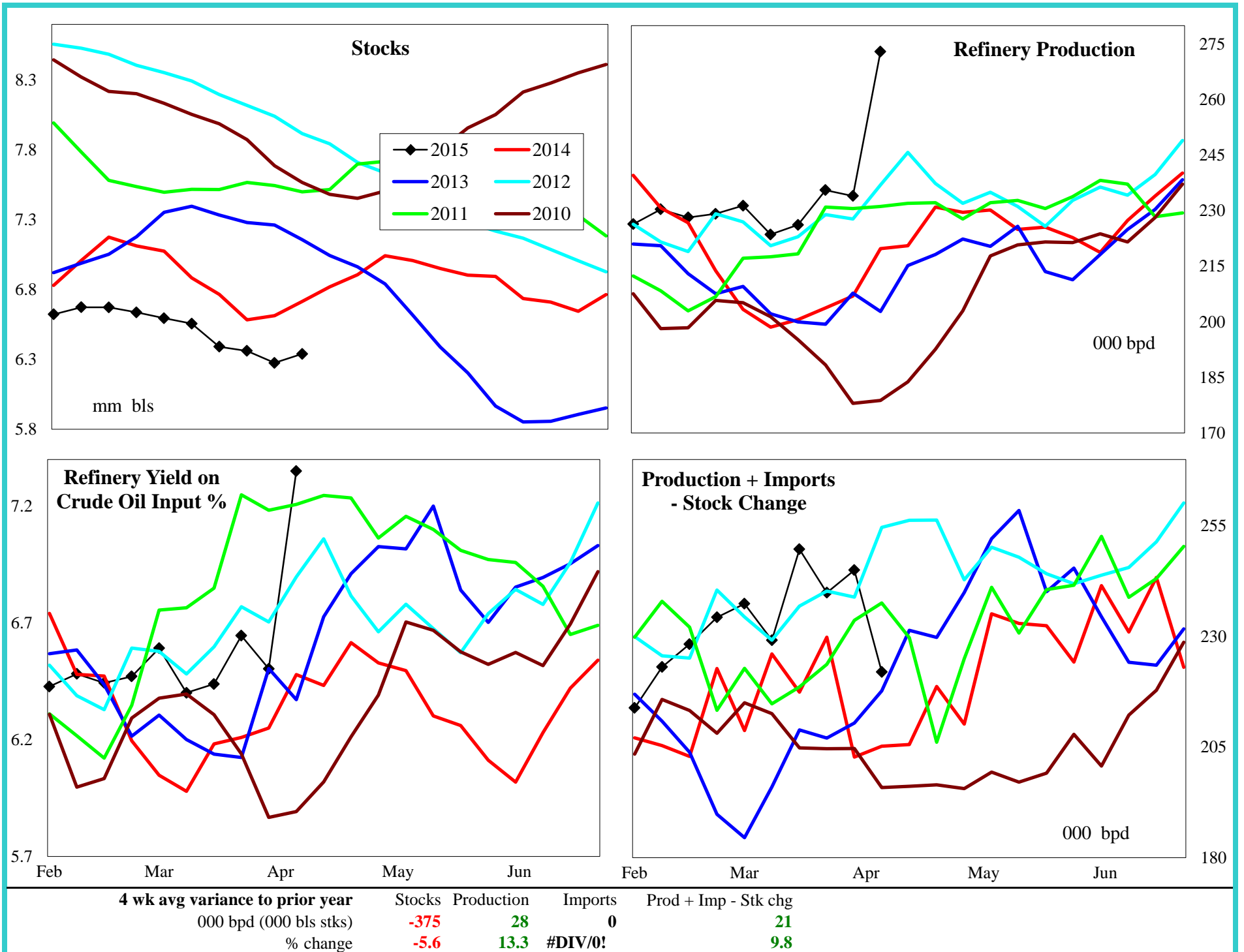
PADD 2 Conventional Gasoline Supply



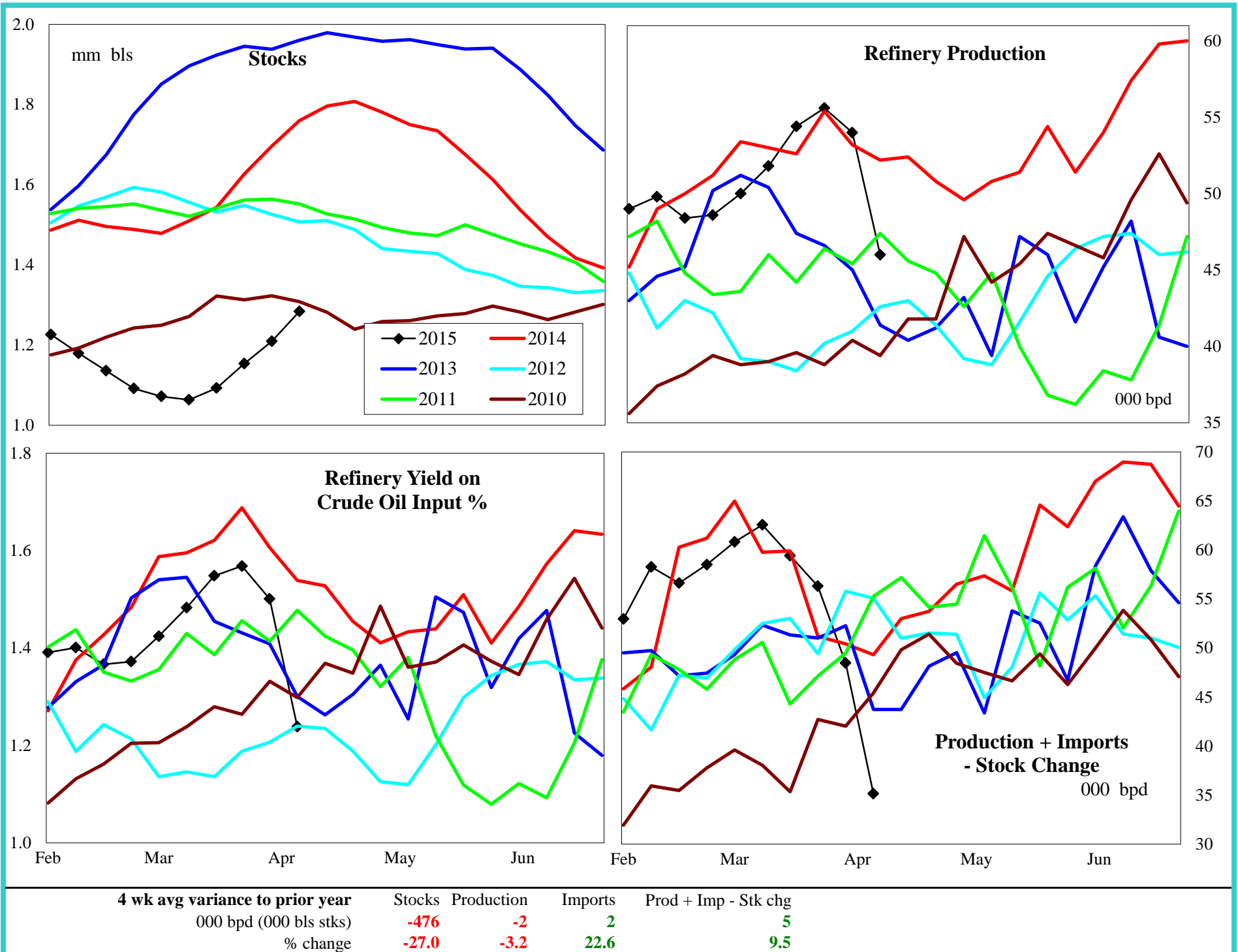
PADD 2 Distillate Supply



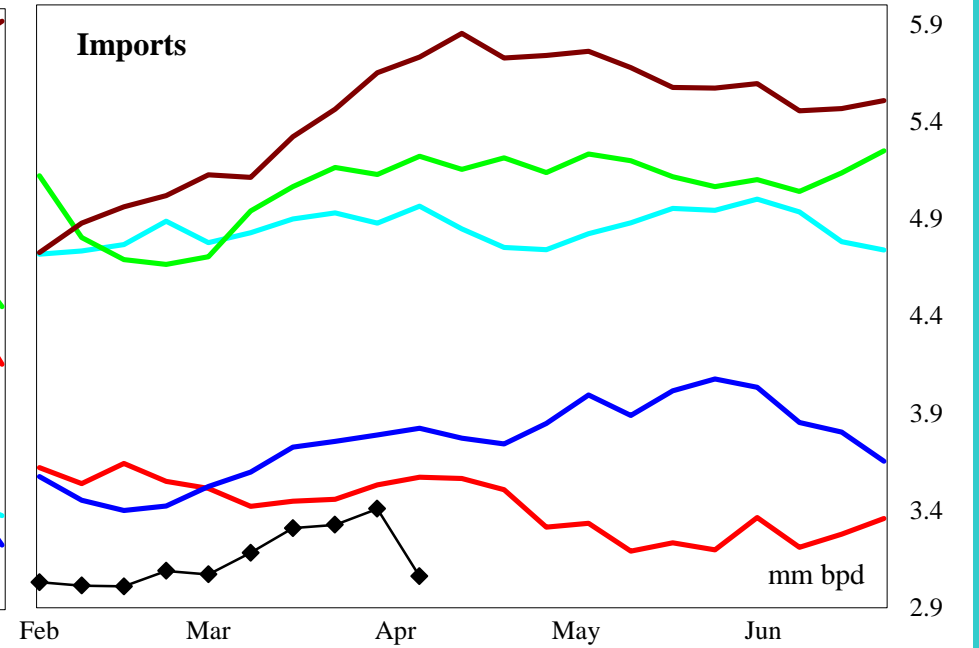
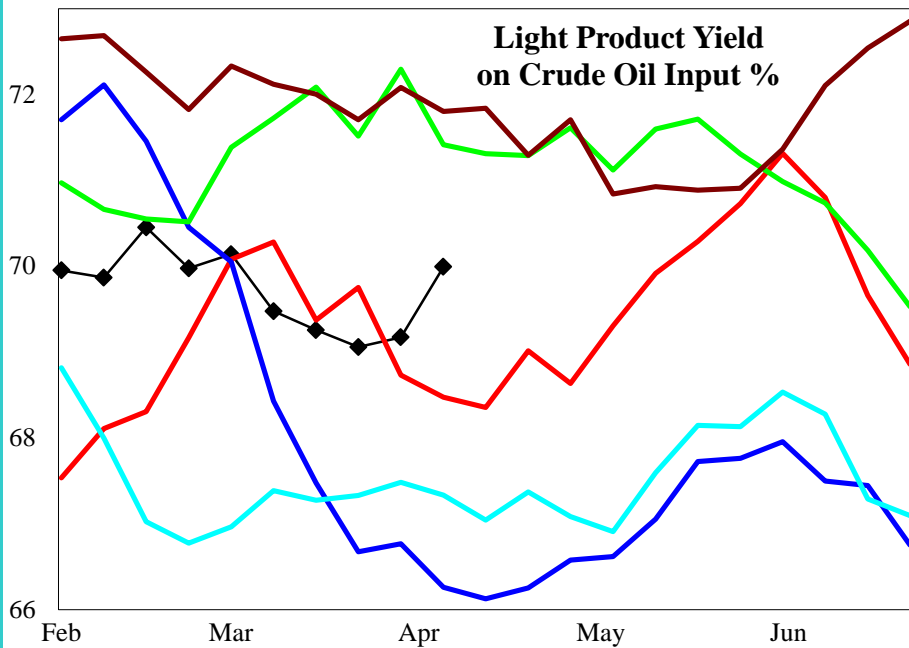
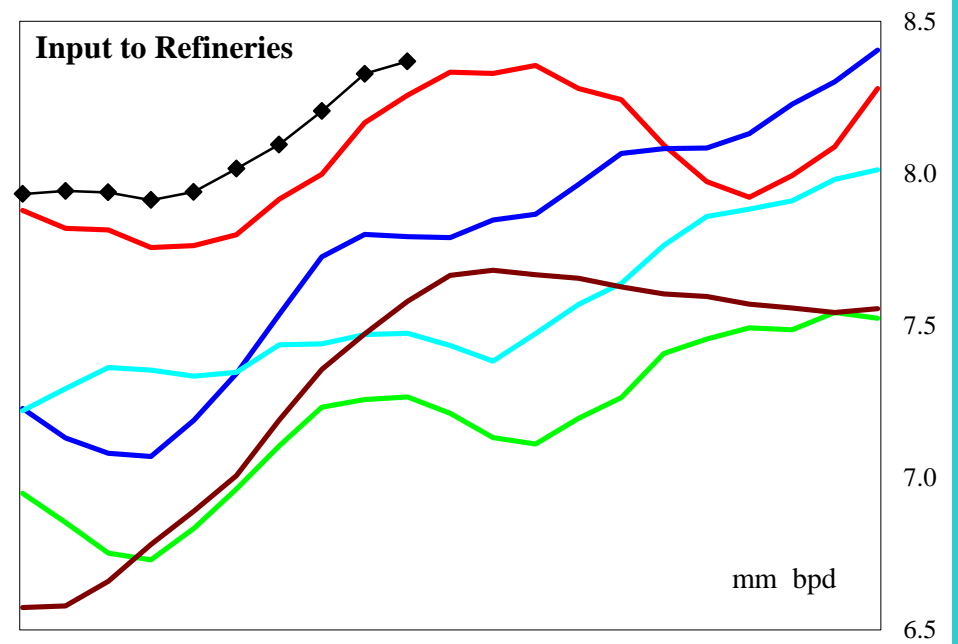
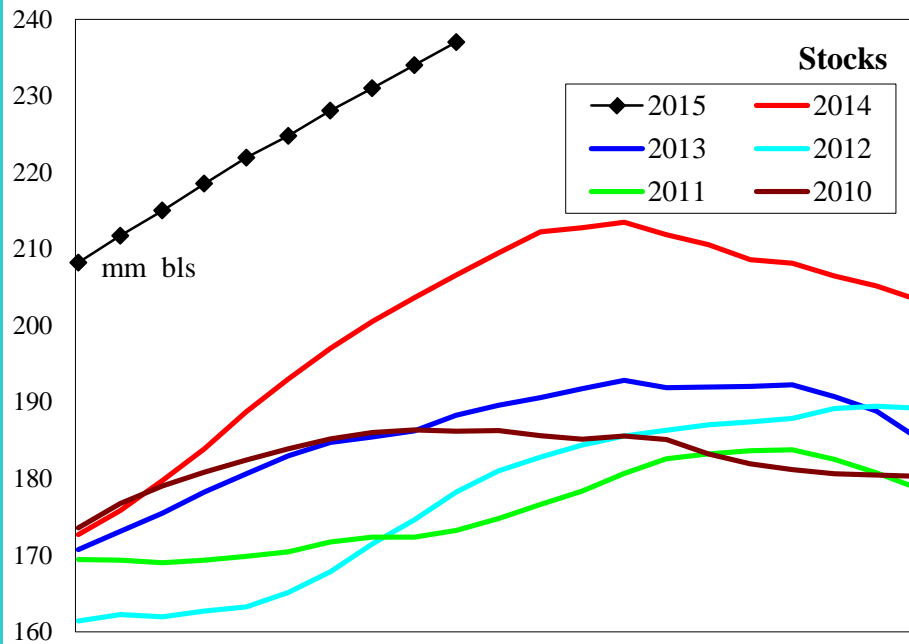
PADD 2 Jet Fuel Supply



PADD 2 Residual Fuel Oil Supply



PADD 3 Crude Oil Supply and Refining



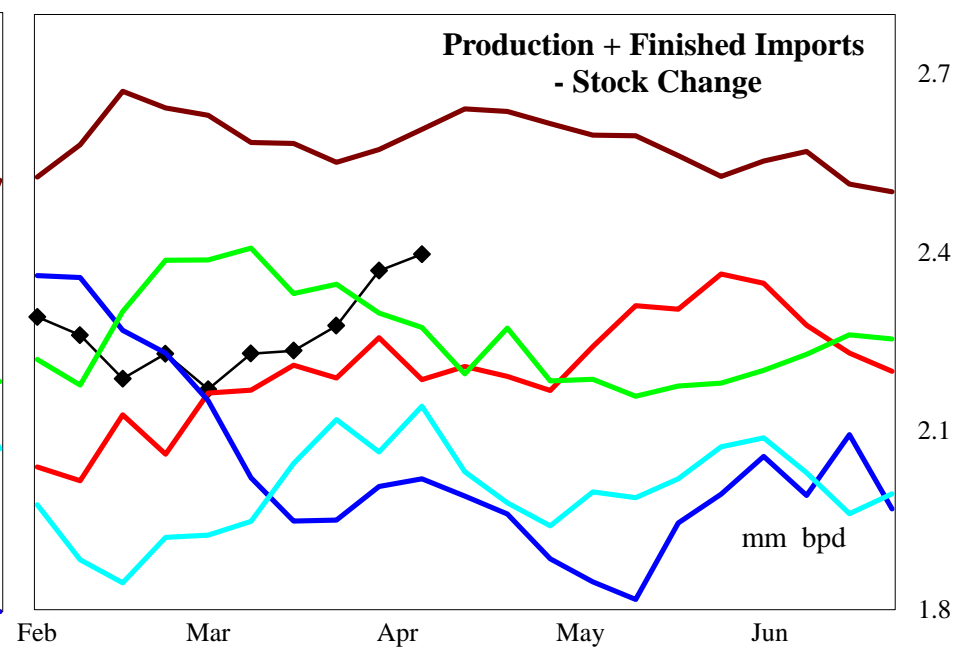
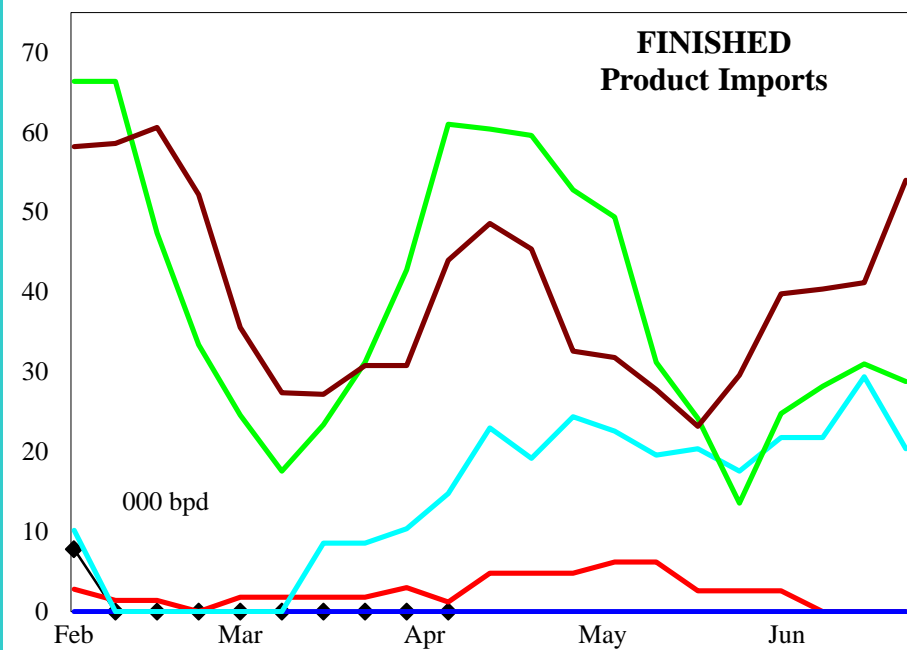
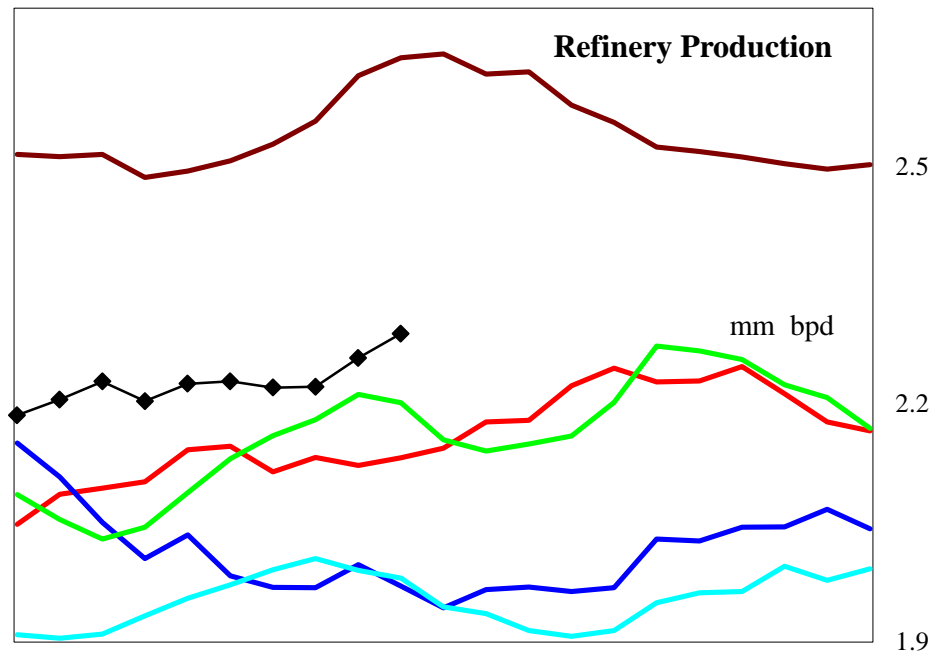
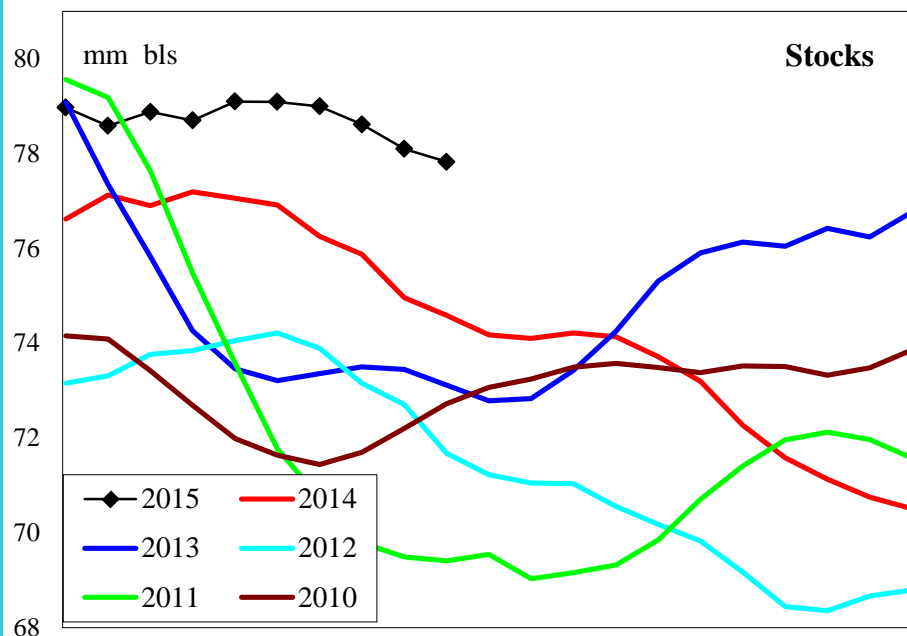
4 wk avg variance to prior year
 000 bpd (000 bls stks)
 % change

Stocks
30,415
14.7

Input
207
2.6

Imports
-127
-3.7

PADD 3 Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

4,046

5.5

Production

118

5.5

Fin Impt

-2

-100.0

Blend Impt

-33

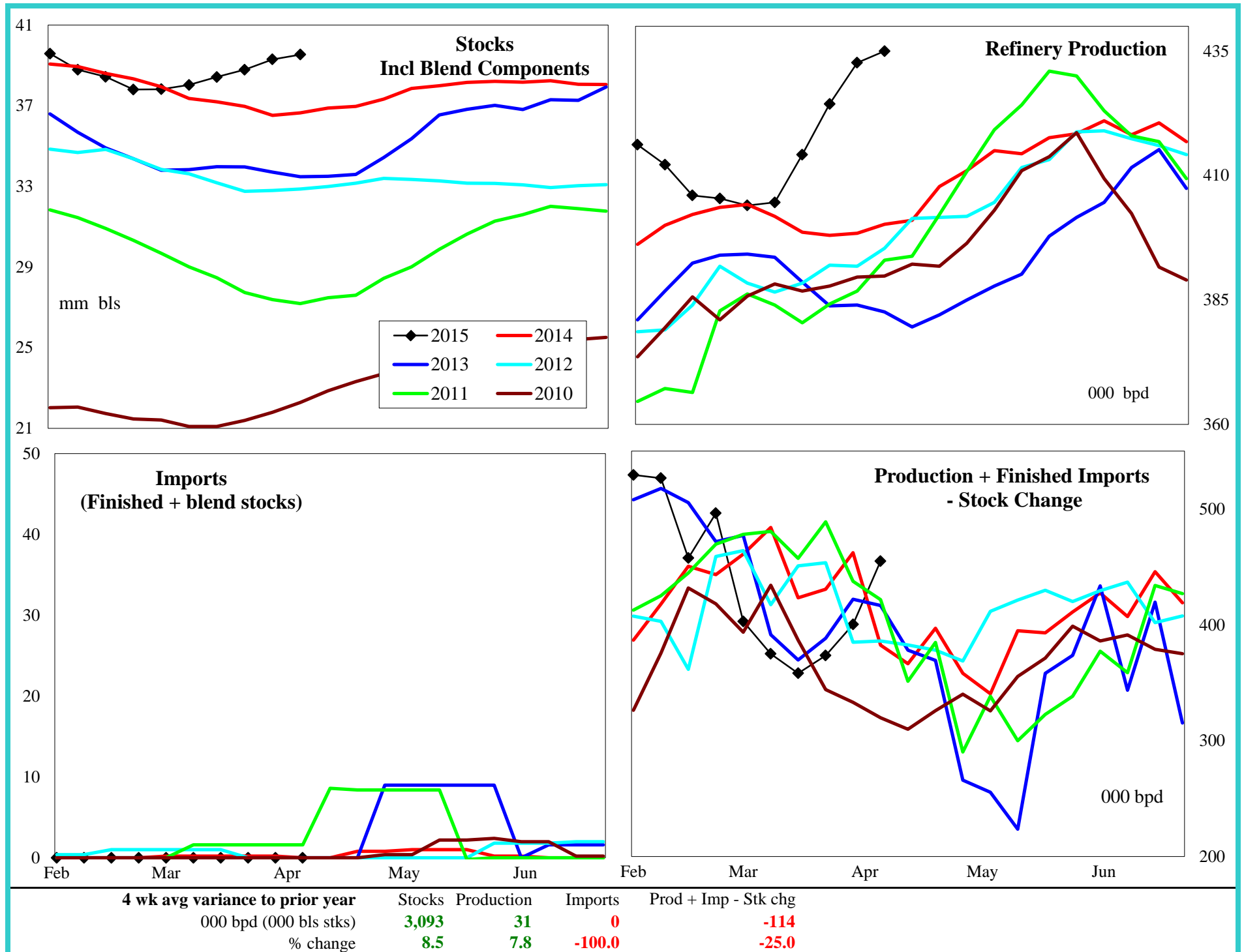
-100.0

Prod + Imp - Stk chg

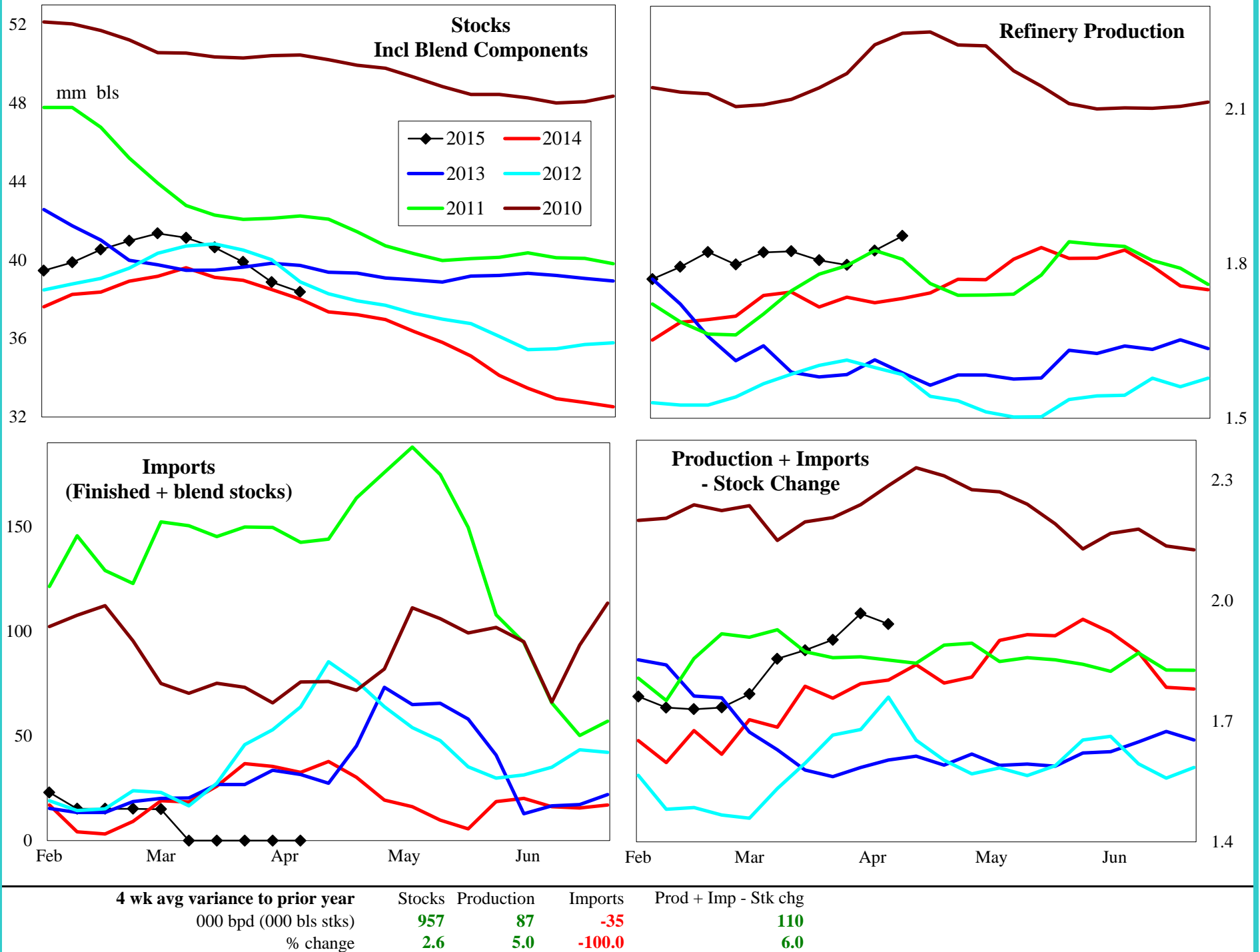
-5

-0.2

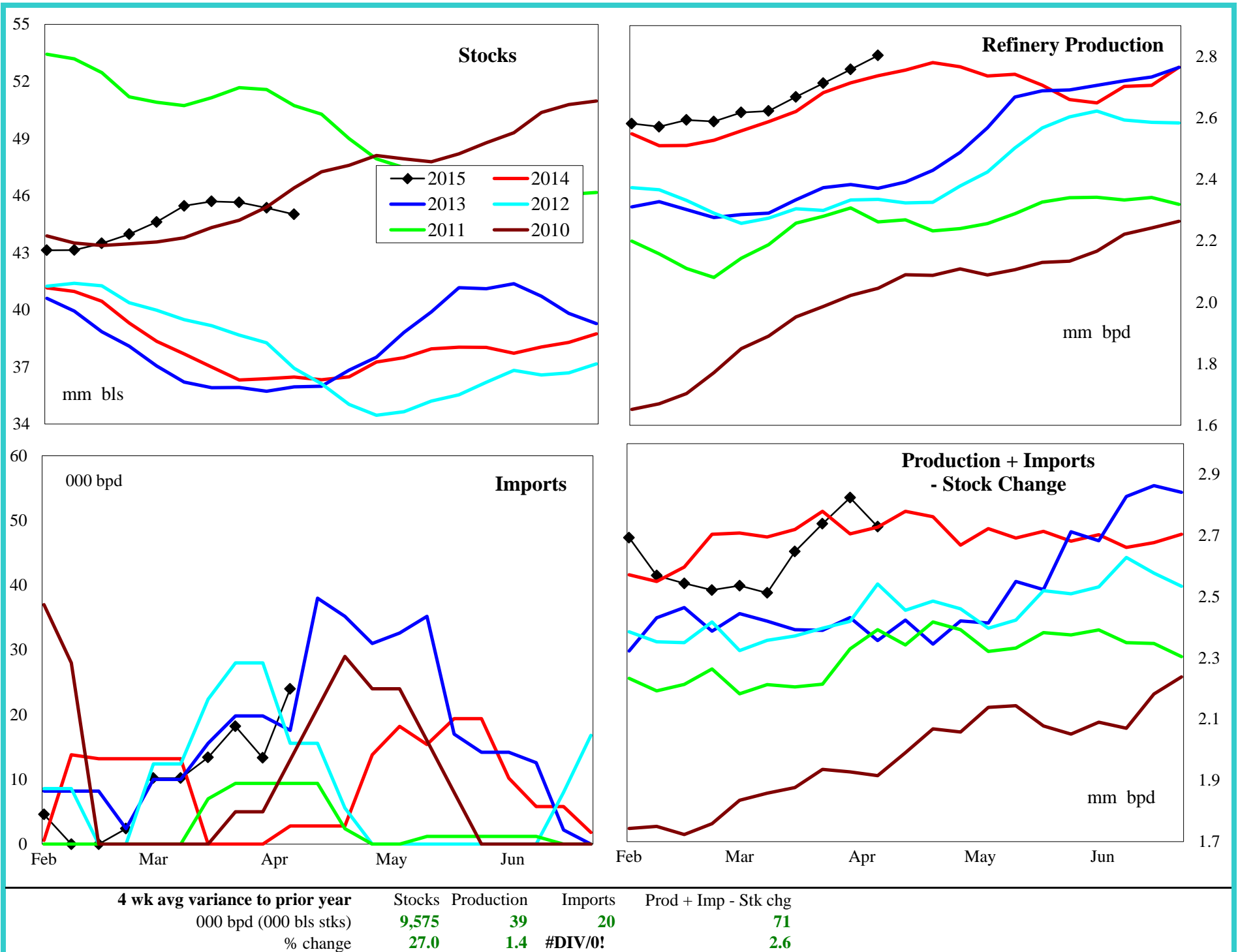
PADD 3 Reformulated Gasoline Supply



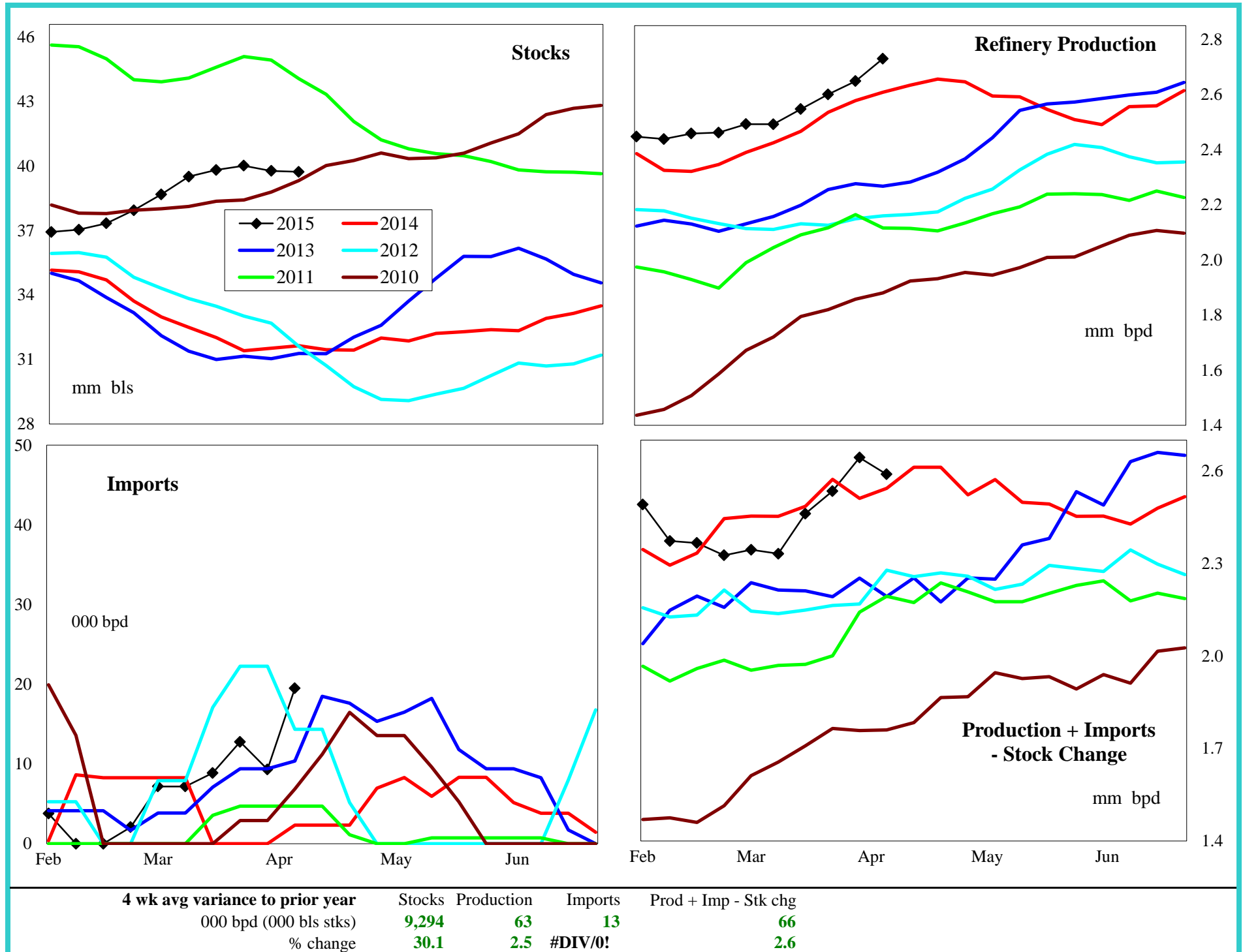
PADD 3 Conventional Gasoline Supply



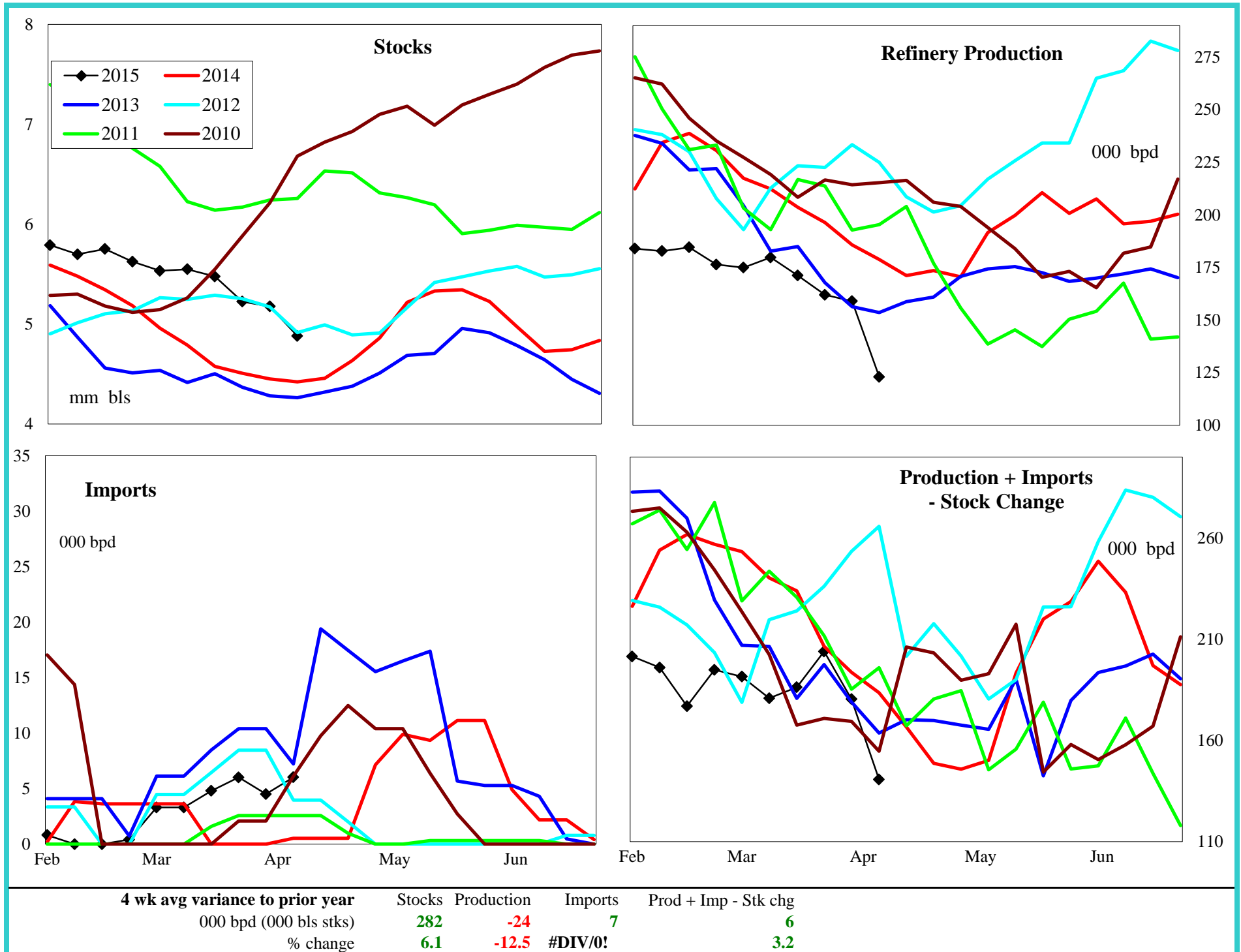
PADD 3 Distillate Supply



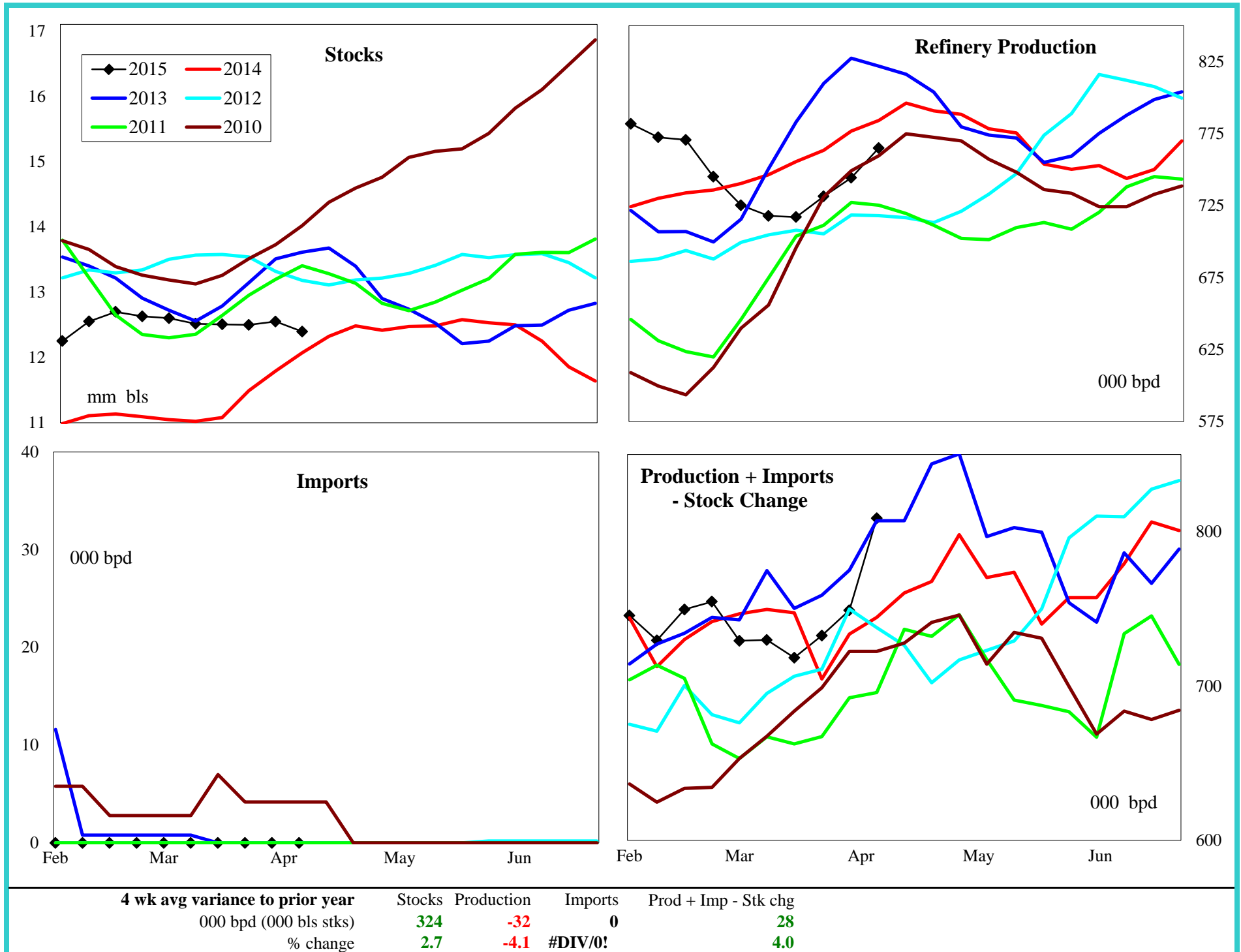
PADD 3 Low Sulfur Distillate Supply



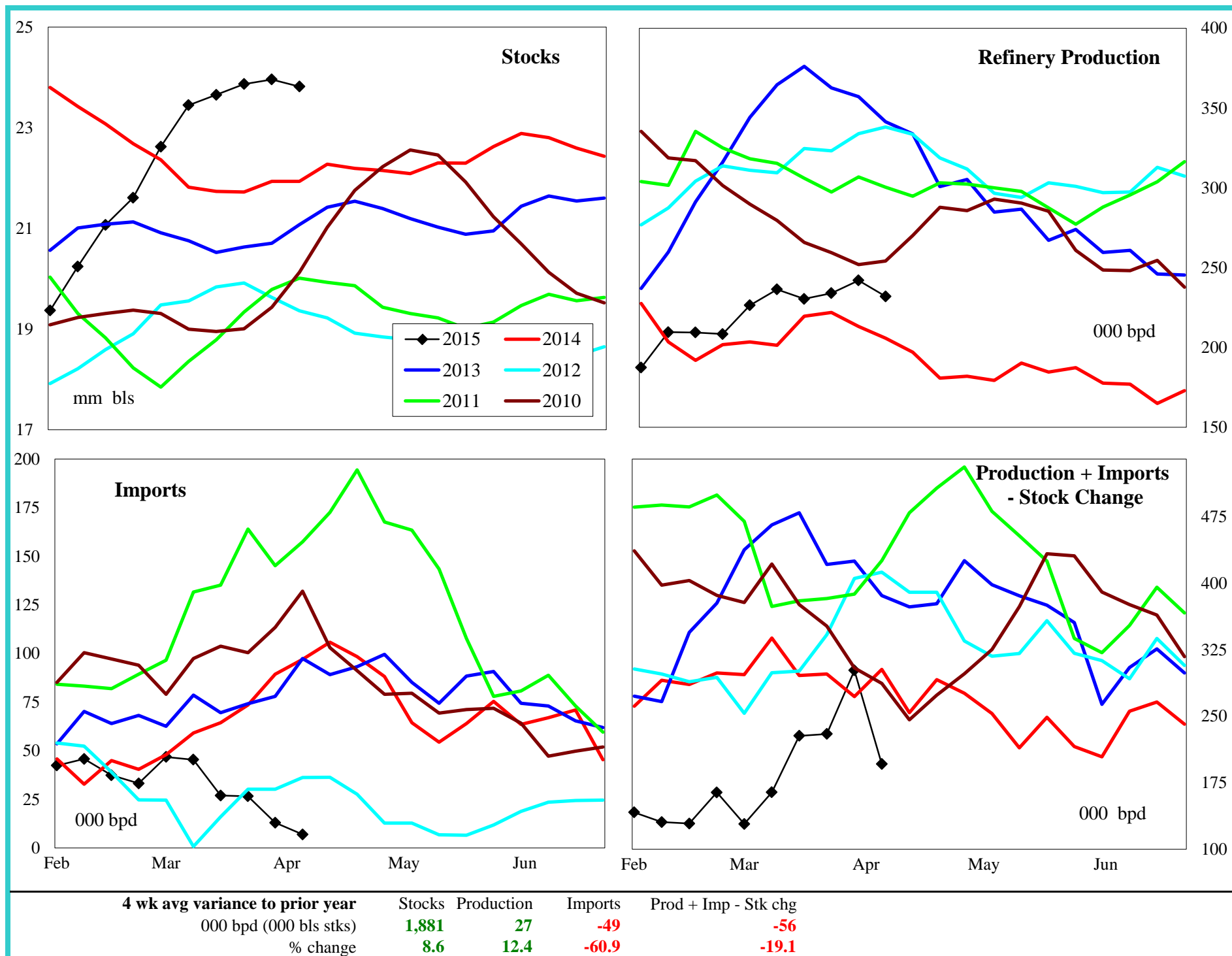
PADD 3 High Sulfur Distillate Supply



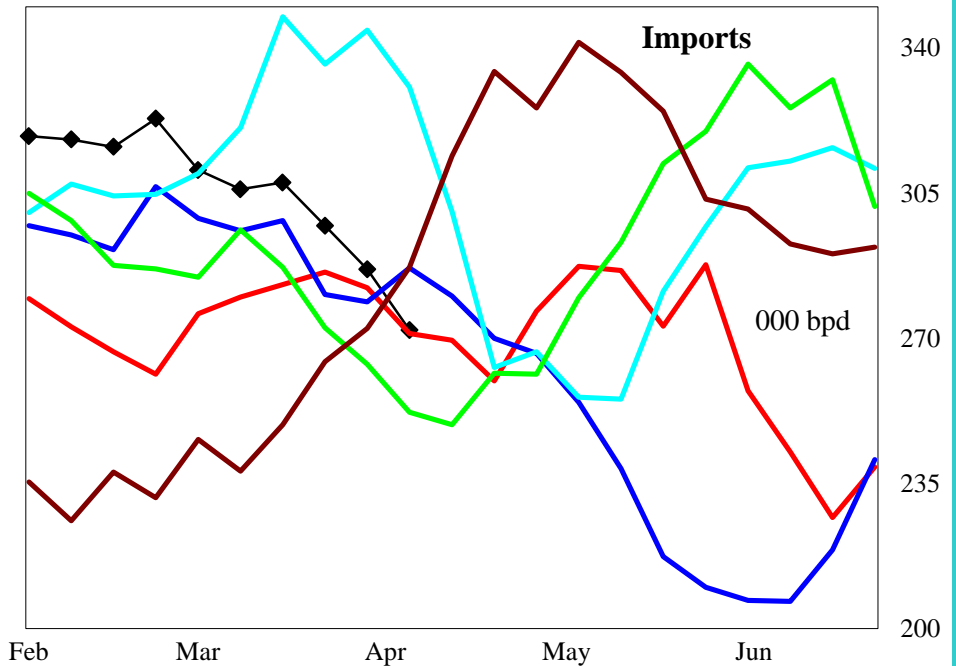
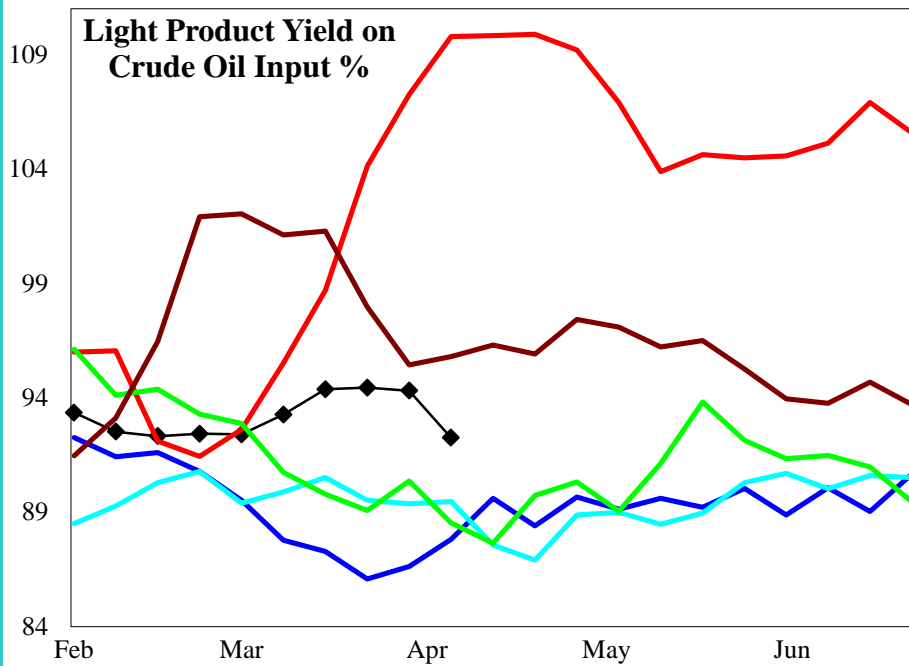
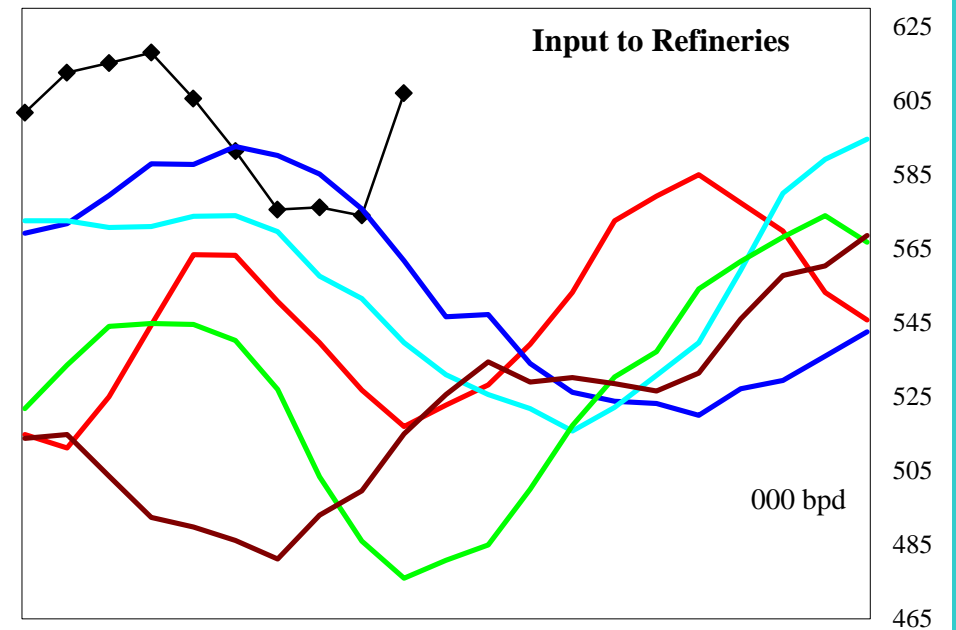
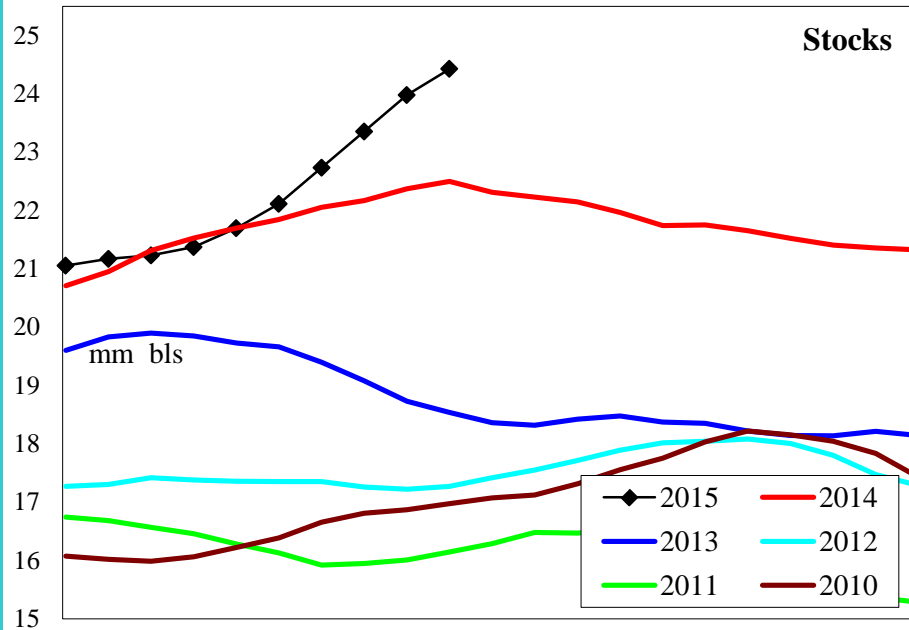
PADD 3 Jet Fuel Supply



PADD 3 Residual Fuel Oil Supply



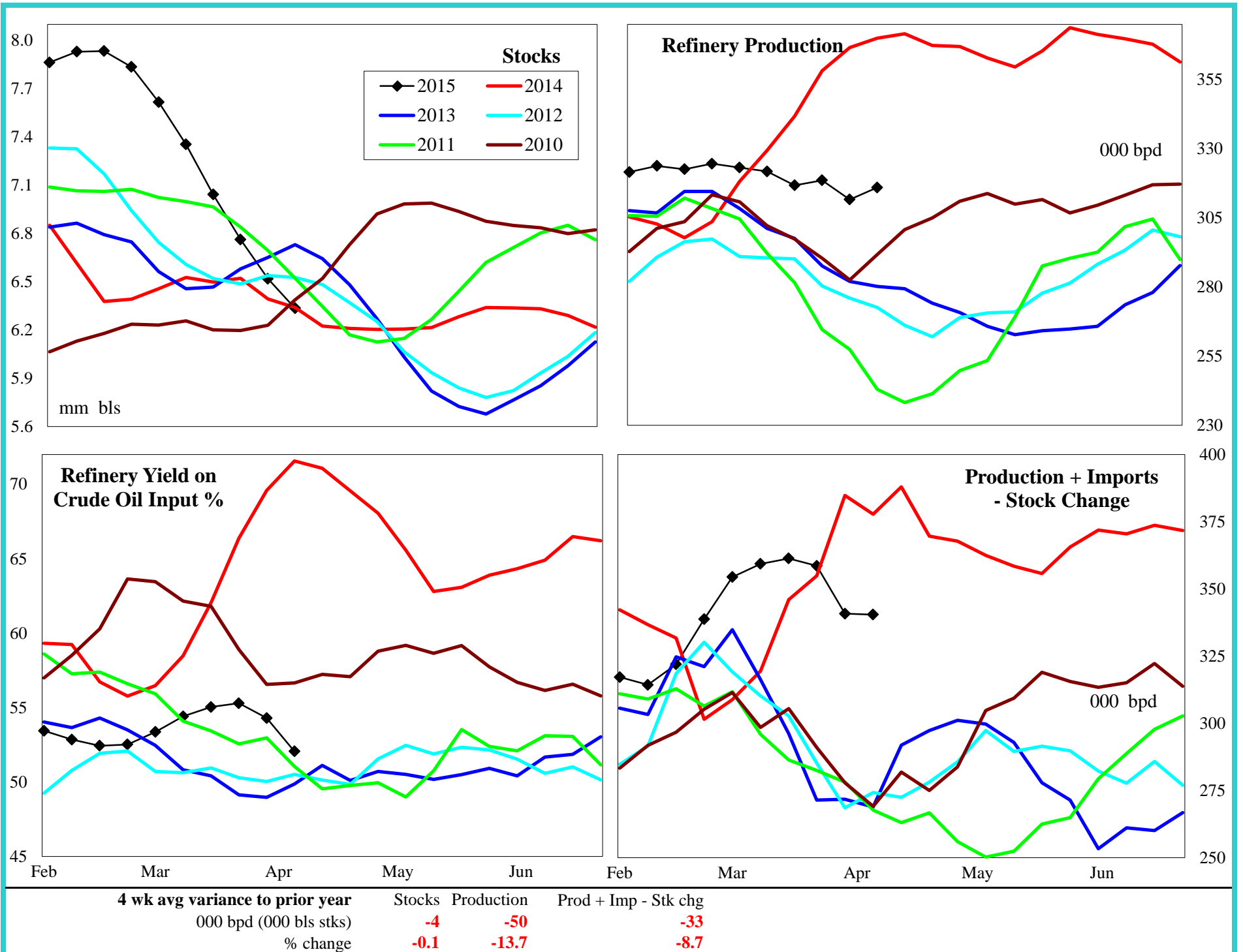
PADD 4 Crude Oil Supply and Refining



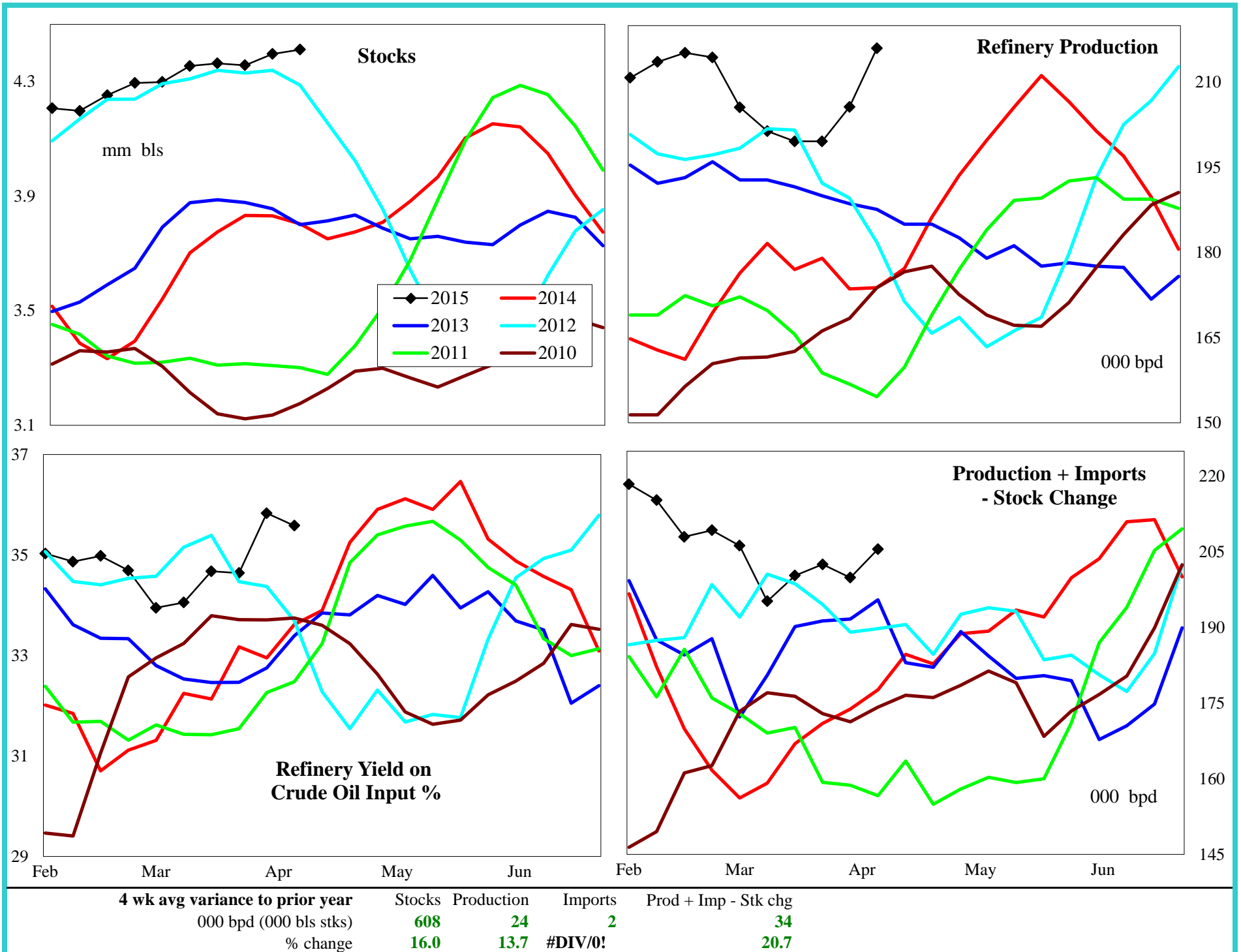
4 wk avg variance to prior year
 000 bpd (000 bbls stks)
 % change

	Stocks	Input	Imports
000 bpd (000 bbls stks)	1,926	41	-3
% change	8.8	7.7	-0.9

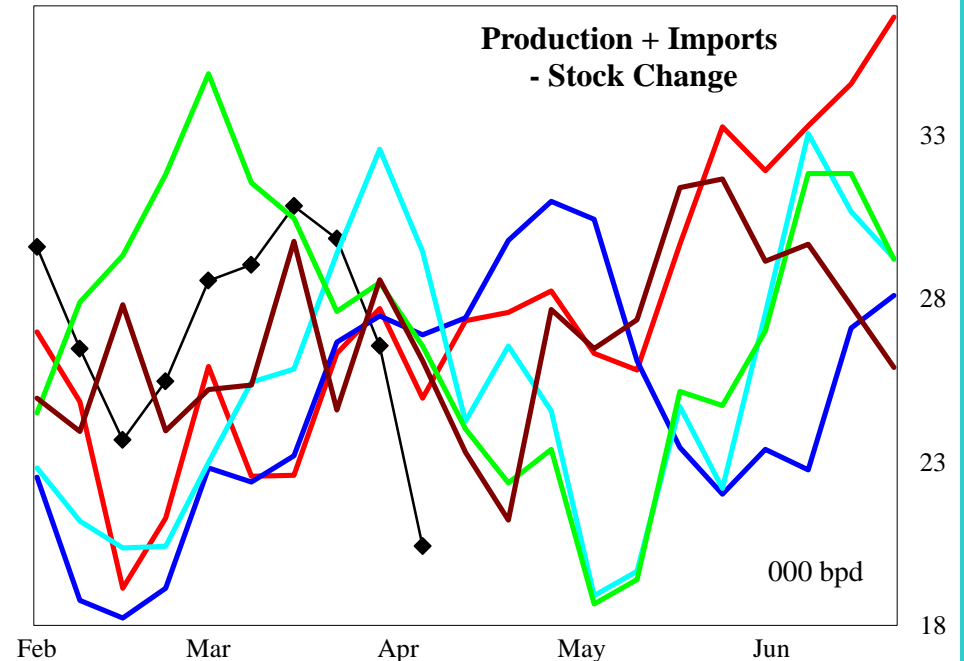
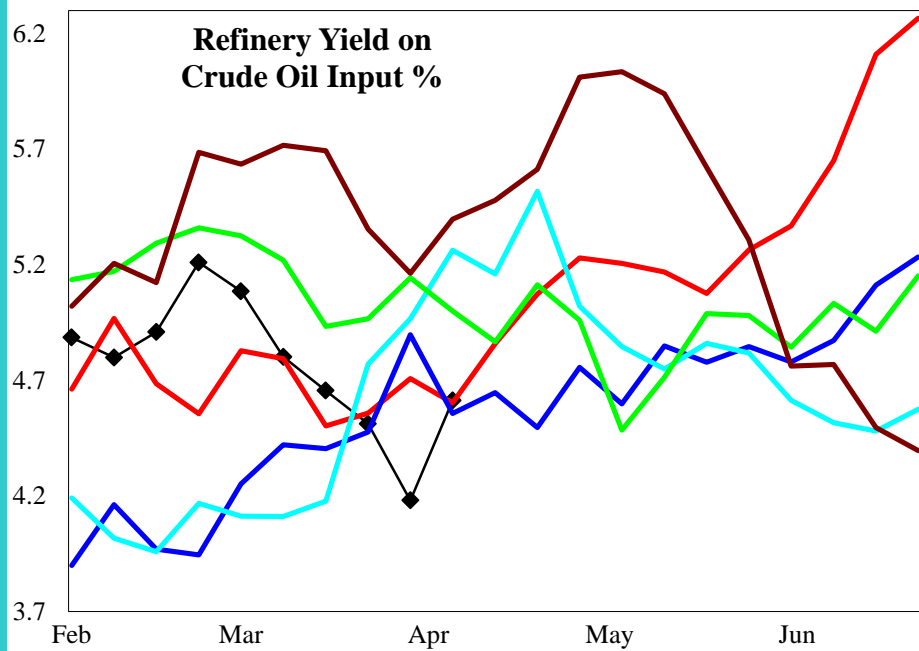
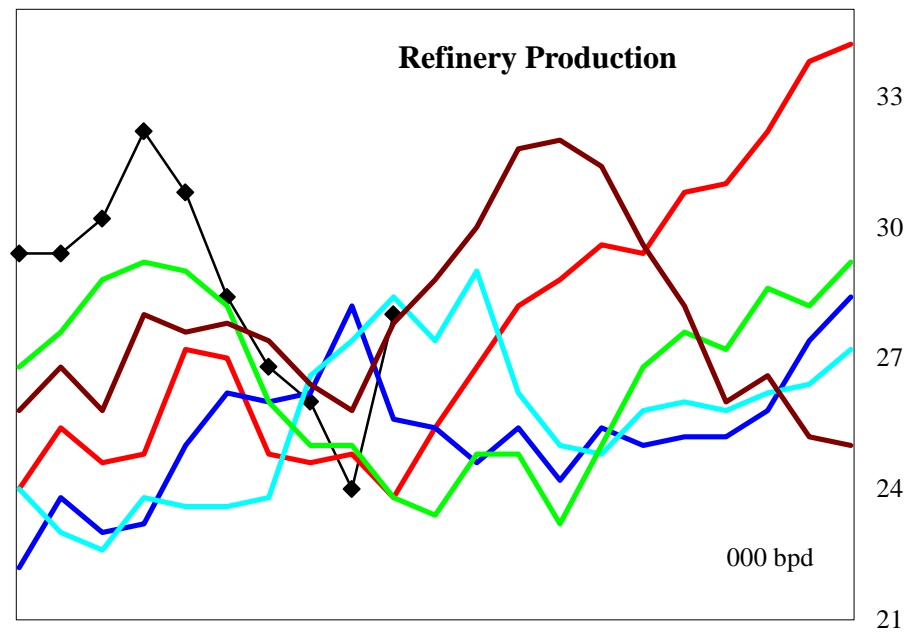
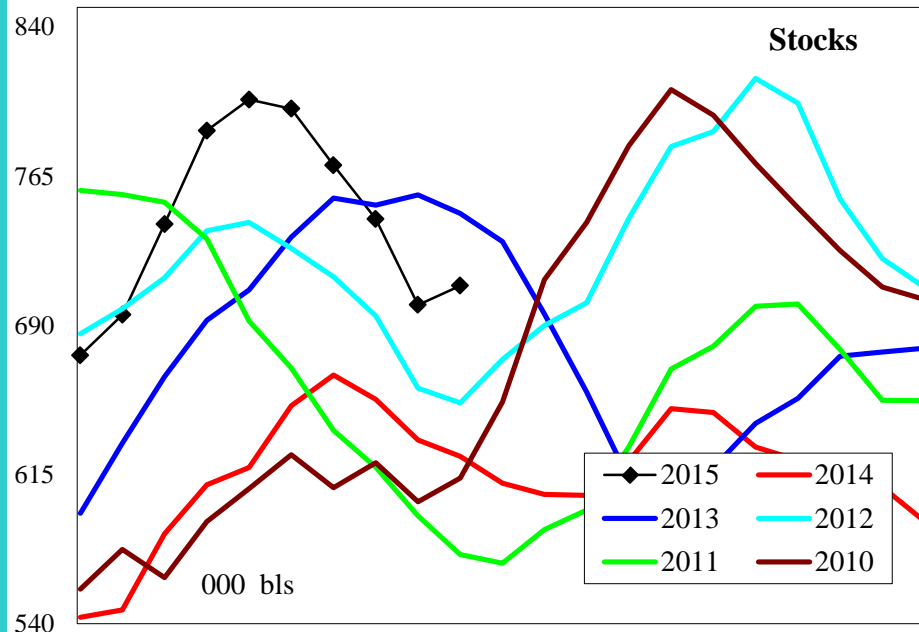
PADD 4 Gasoline Supply



PADD 4 Distillate Supply



PADD 4 Jet Fuel Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Prod + Imp - Stk chg

86

-1

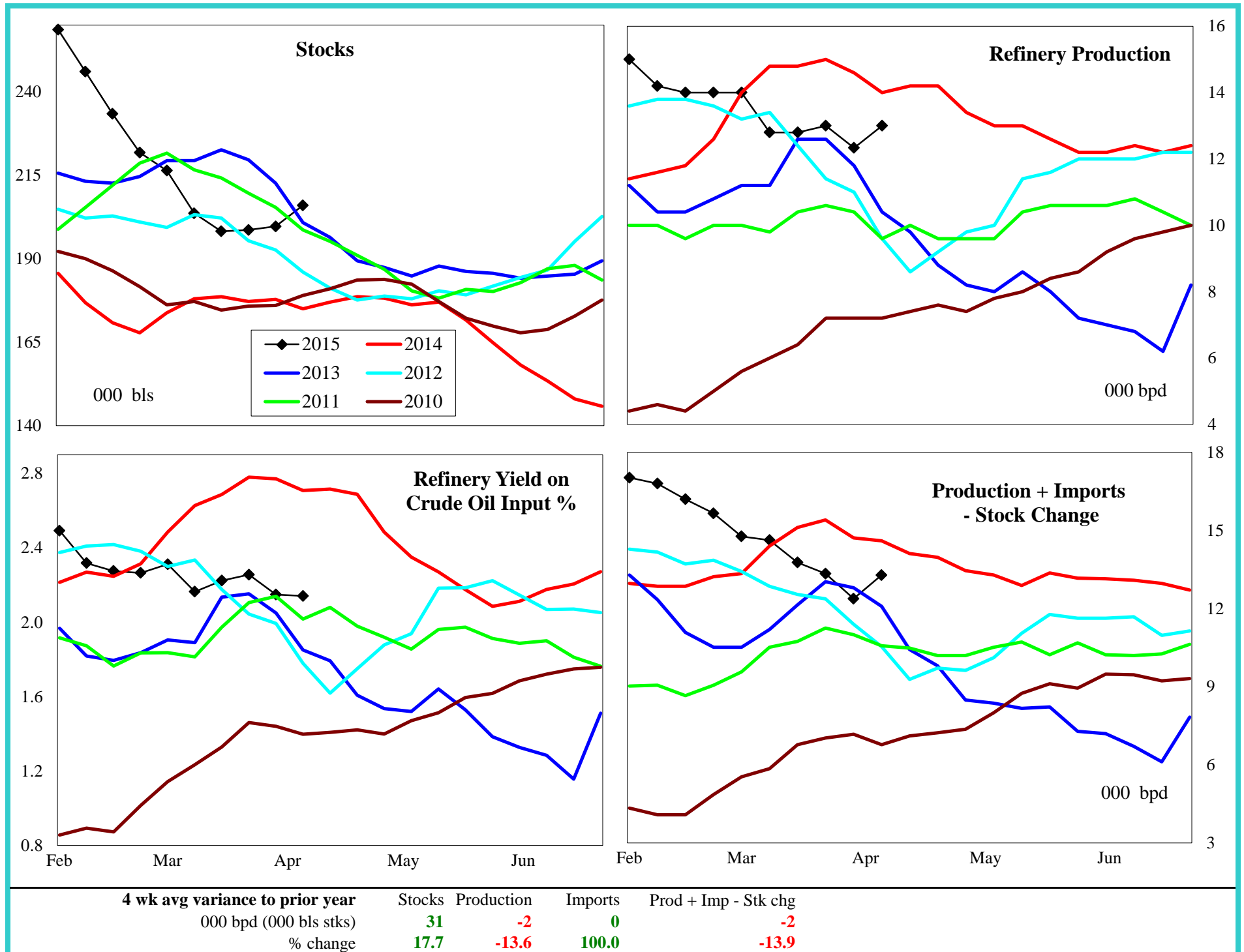
4

13.7

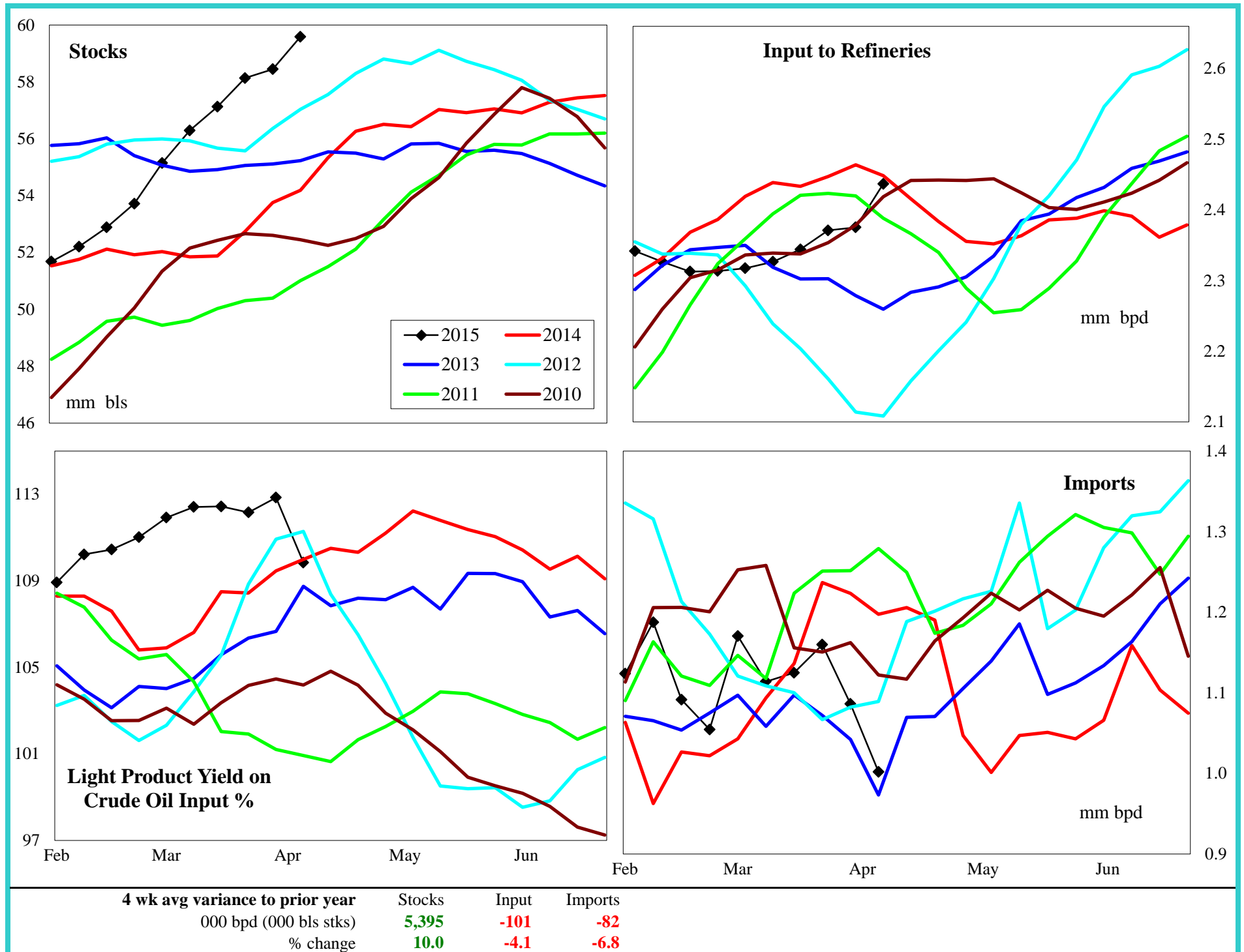
-3.1

17.8

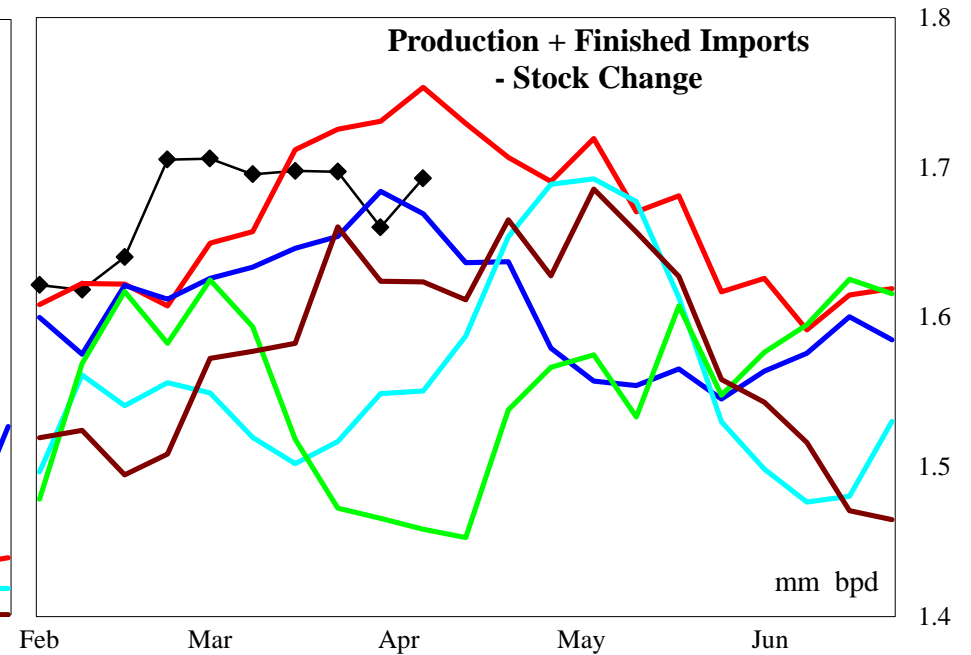
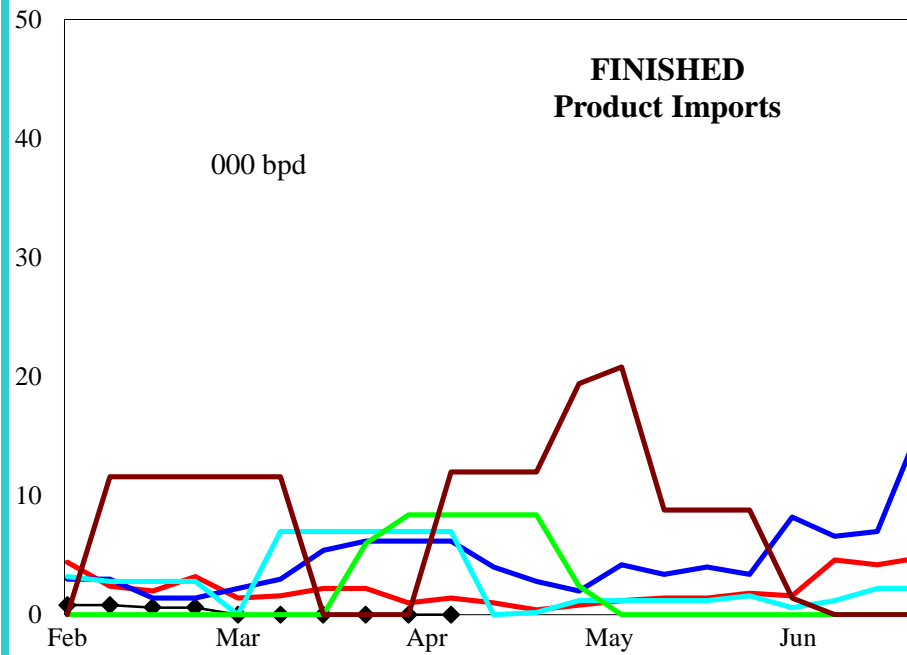
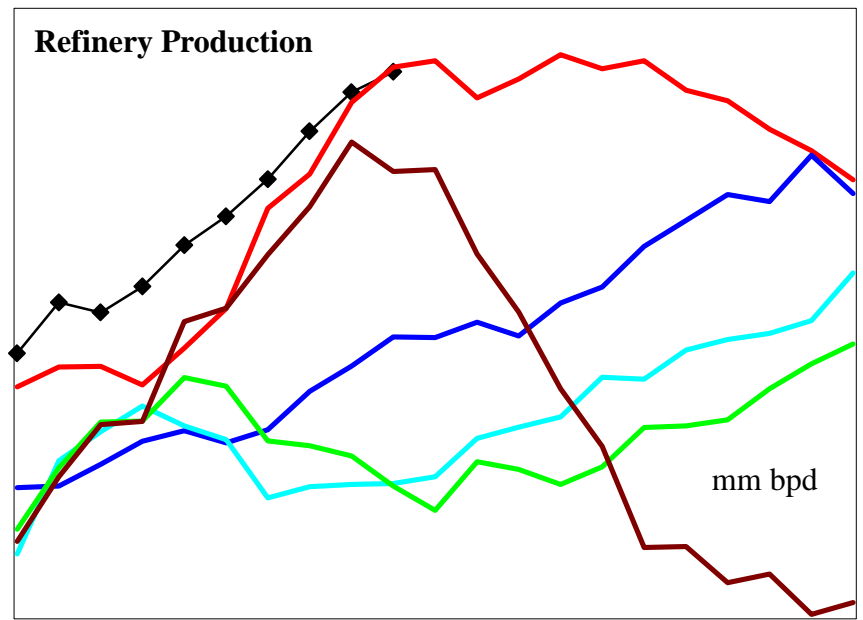
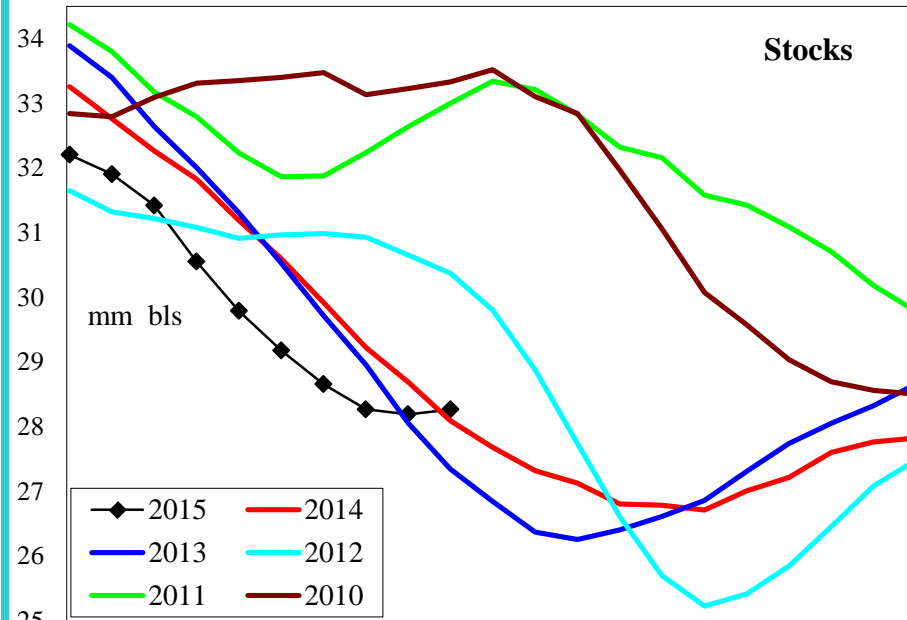
PADD 4 Residual Fuel Oil Supply



PADD 5 Crude Oil Supply and Refining



PADD 5 Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Fin Impt Blend Impt

Prod + Imp - Stk chg

615

-3

-1

51

-93

2.2

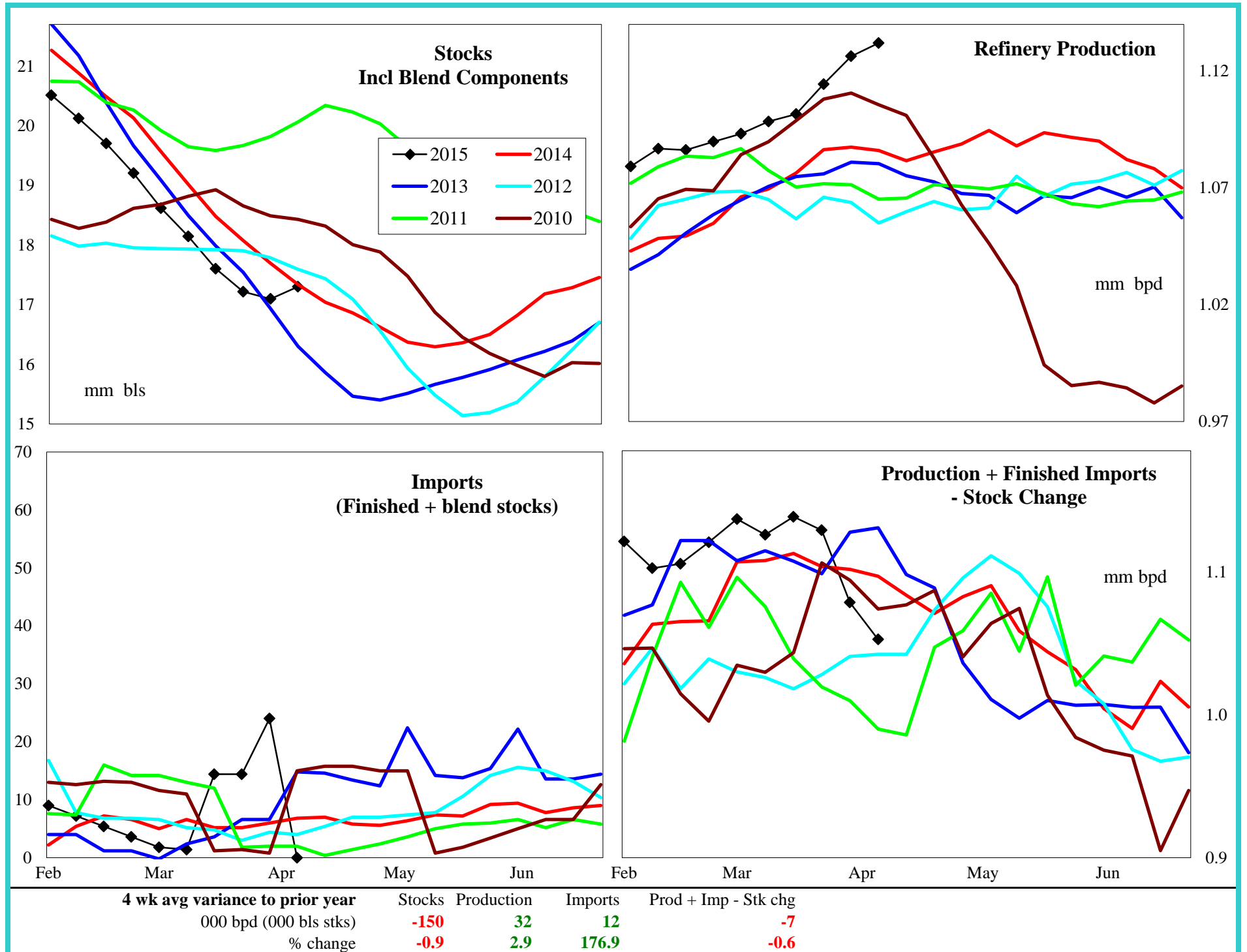
-0.2

-100.0

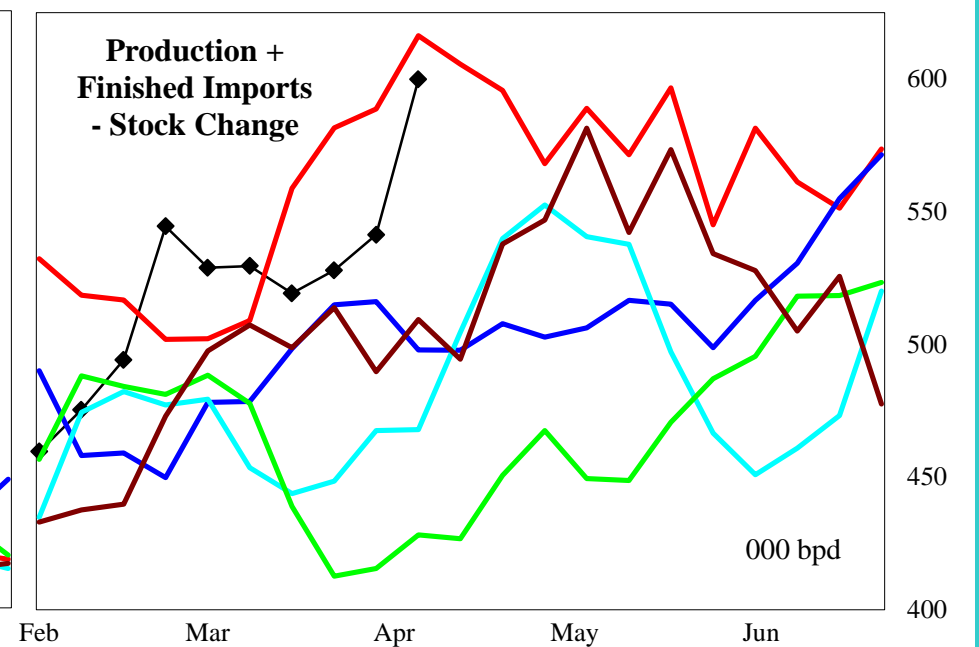
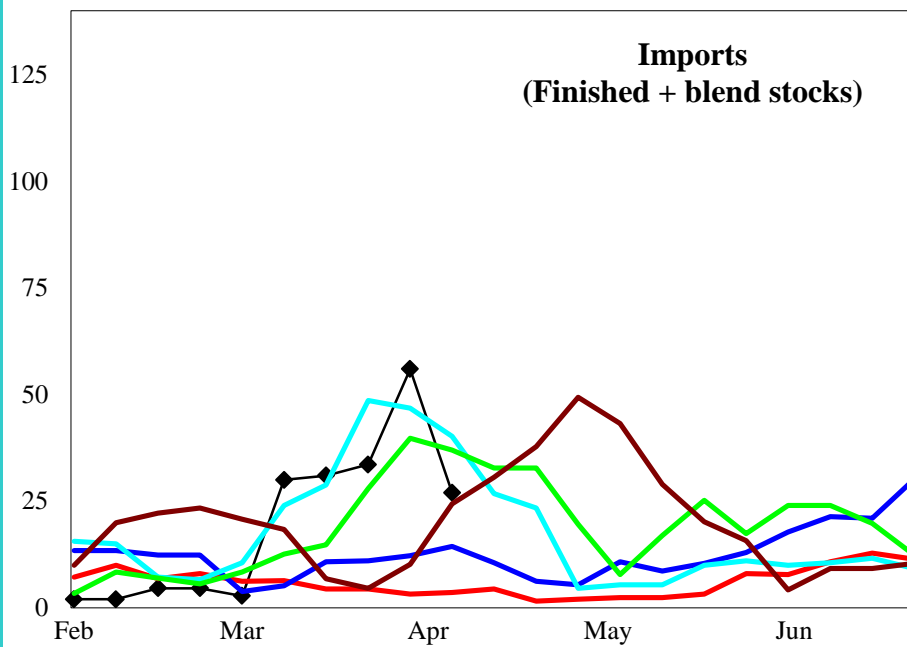
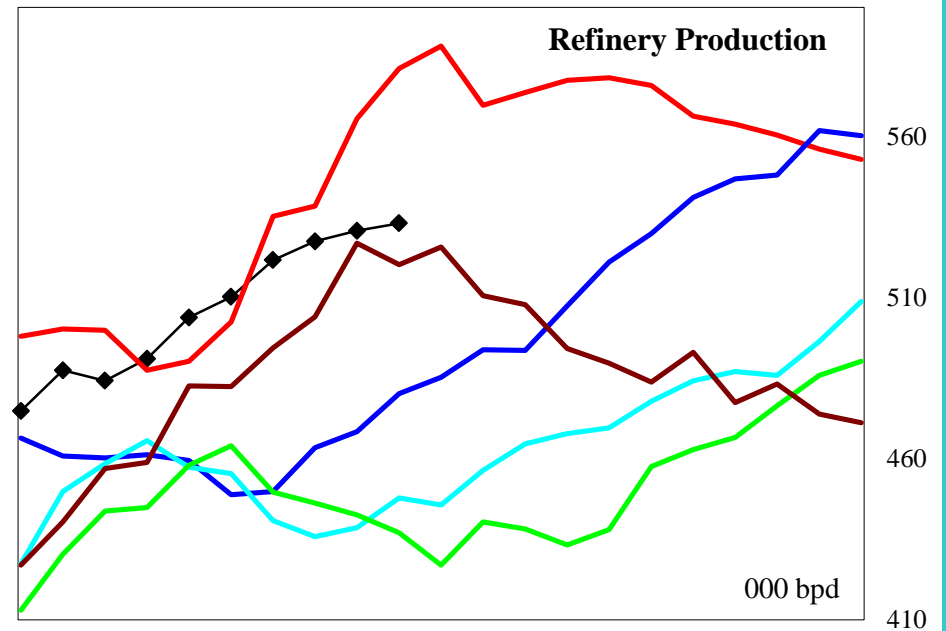
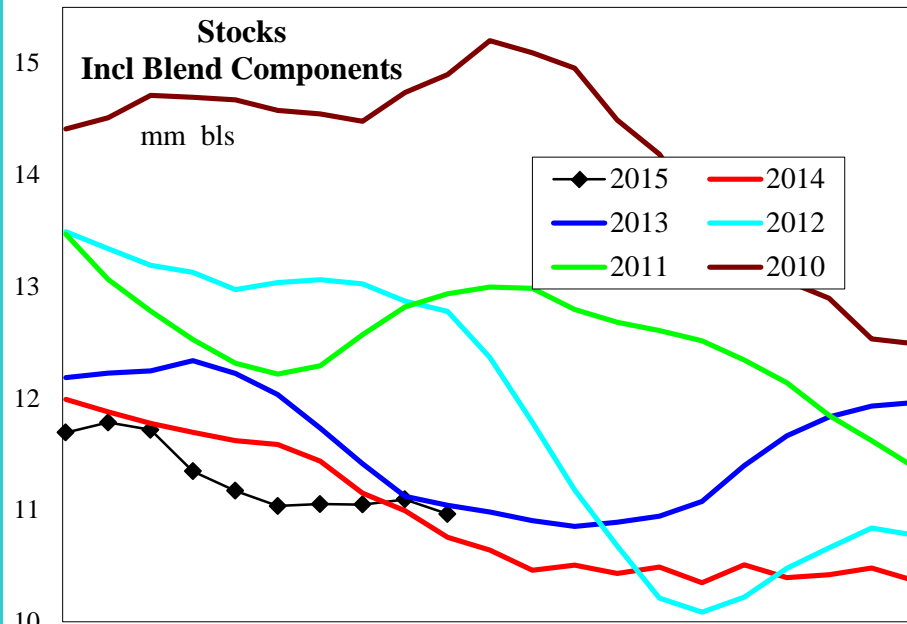
548.6

-5.3

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

765

-35

38

-85

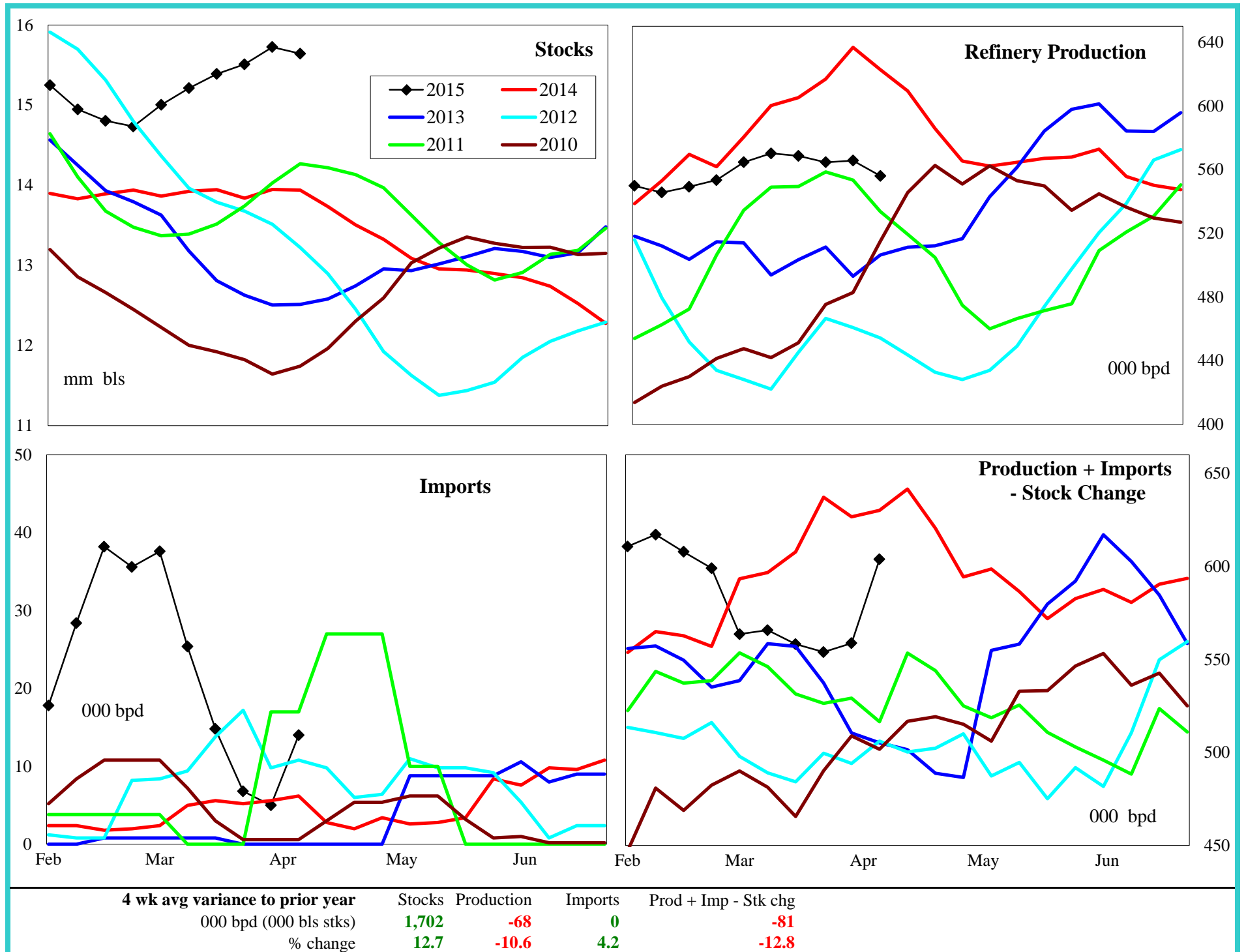
7.5

-6.1

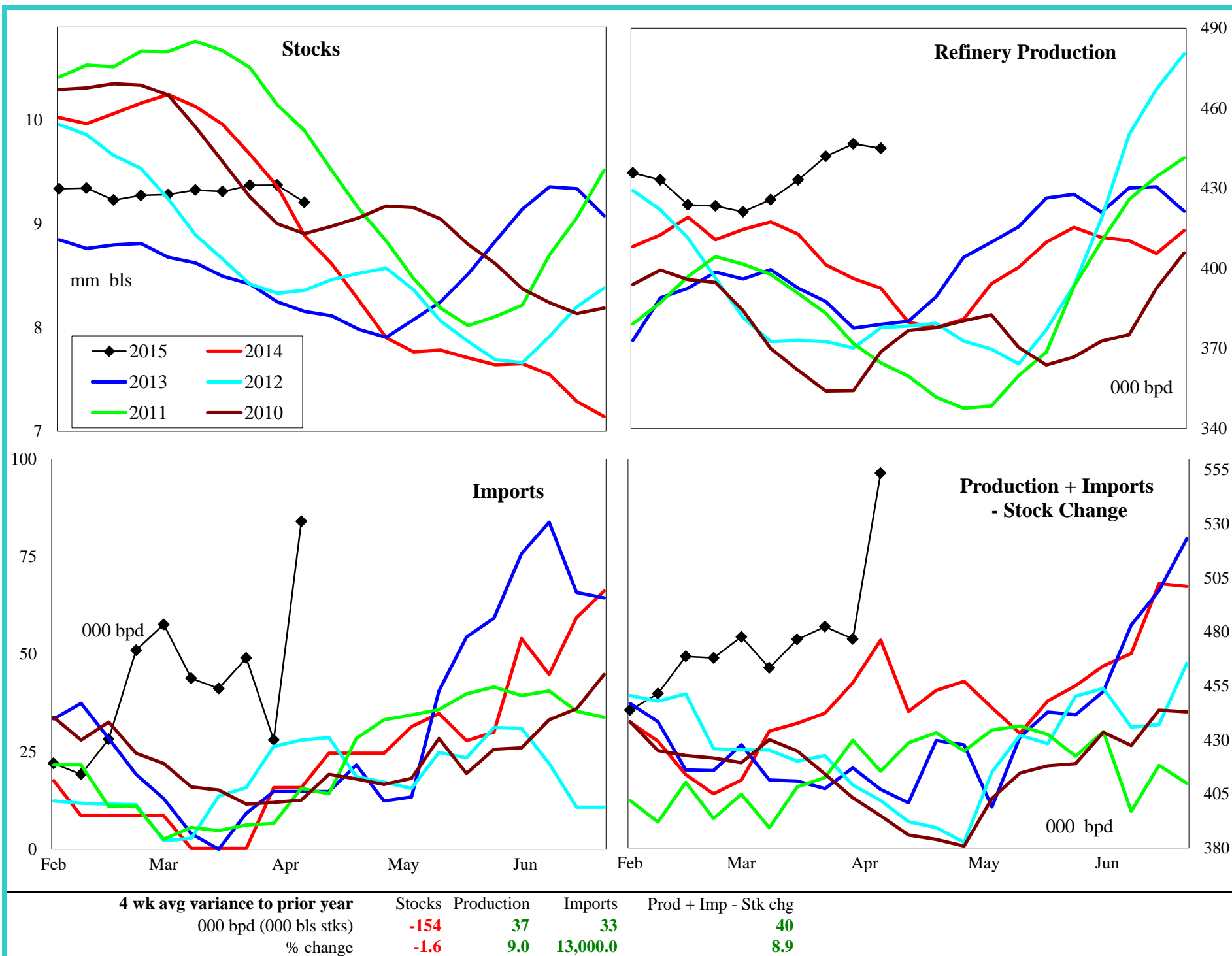
950.0

-14.0

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

