



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

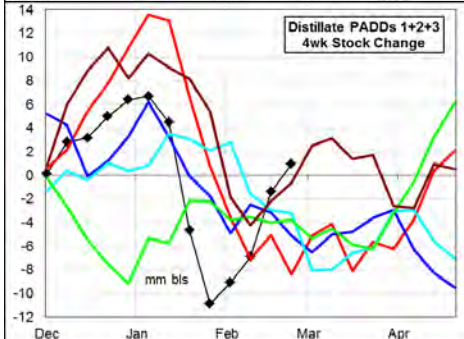
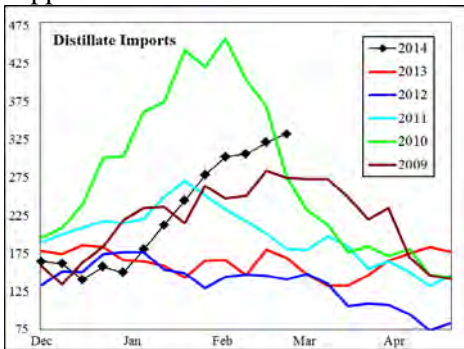
A Fundamental Petroleum Trends Weekly Report

Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, March 05, 2014

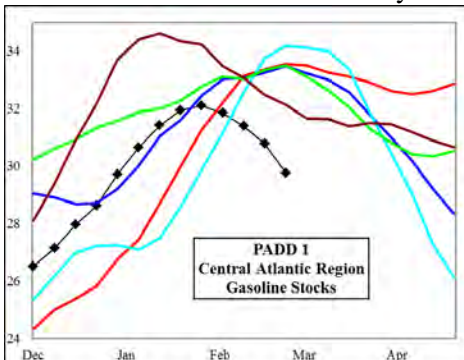


Major Fundamental Trends¹

Very high distillate imports led to a +1.3 million stock build on the East Coast last week, even with very high heating degree days. The high level of imports has contributed to a +0.4 million bpd year-on-year increase in supplies.

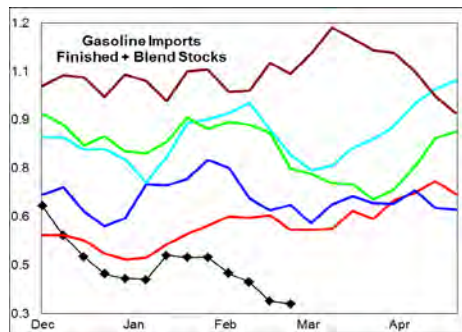


Weak wholesale distillate demand and the increased supplies have contributed to a stock build during the latest 4-wk period; compared to near -5 million barrel draws in each of the last 3-yrs.



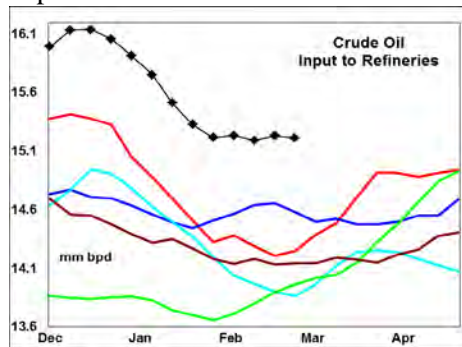
Gasoline stocks continue to fall in the Key Central Atlantic Region, ending the week -12% below last year and well below the 5-yr range.

¹ Source is latest EIA Weekly Statistics



Risk is increased of a 2nd quarter supply squeeze in the region on higher seasonal demand, low imports and above average refinery maintenance in the area.

Crude oil refinery input was +1 million bpd above a year ago for the latest 4-wk period; driven by inclement weather that delayed the start of maintenance and year-on-year refinery expansions.



Demand for gasoline decreased -0.1 million bpd last week, while jet fuel jumped +0.2 million bpd. Wholesale demand, measured over the last four weeks compared to a year ago: gasoline decreased -1.5%; distillate was -4.3% lower; jet fuel was unchanged, and residual fuel increased +6%.

Stocks forward coverage: Gasoline demand coverage decreased on a -1.6 million barrel stock draw, partially offset by lower demand. Coverage ended the week at a level that matched historic highs.

Distillate coverage increased on a +1.4 million barrel stock build. Coverage ended the week at a level slightly below the 5-yr range.

Jet fuel coverage fell on a -0.6 million barrel stock draw for the week and sharp jump in demand. Coverage

levels were just below the historic range.

Residual fuel oil coverage ended the week below the last 2-yrs on slightly higher demand.

Refinery utilization rates decreased on a -87,000 bpd decline in crude oil runs last week. During the latest 4-wk period crude oil input was +1 million bpd above a year ago.

Gasoline yield % on crude oil runs jumped last week on a +344,000 bpd rise in output compared to the -87,000 bpd decline in crude oil runs. Yield % on crude oil runs was sharply higher, but still below the historic range.

Distillate yield % on crude oil runs was unchanged last week, on a -6,000 bpd decrease in output compared to the small decline in crude oil runs. The yield % on crude oil runs ended the week at a level equal to the 5-yr high for the period.

Jet fuel yield % on crude oil runs increased on a +28,000 bpd rise in output, compared to the decrease in crude oil runs. The yield % level matched historic highs for the period.

Petroleum Imports/Exports: Imports of crude oil increased +0.1 million bpd last week, near a record low.

During the latest 4-wk period crude oil *imports* were -0.2 million bpd below last year; distillate imports were +153,000 bpd higher; finished gasoline imports were unchanged, gasoline blend stock imports were -232,000 bpd lower; jet fuel imports increased +17,000 bpd, while residual fuel oil imports were -32,000 bpd lower.

Exports during the most recent week for distillate were +197,000 bpd above a year ago, gasoline +21,000 bpd, jet fuel +37,000 bpd and propane was +214,000 bpd higher.

Crude Oil stocks increased +1.4 million barrels last week. Cushing stocks fell -2.7 million barrels while the Gulf increased +4.4 million barrels. Stock levels in the Gulf match 5-yr highs for the period.



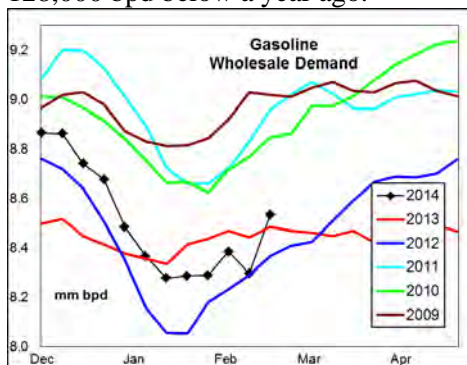
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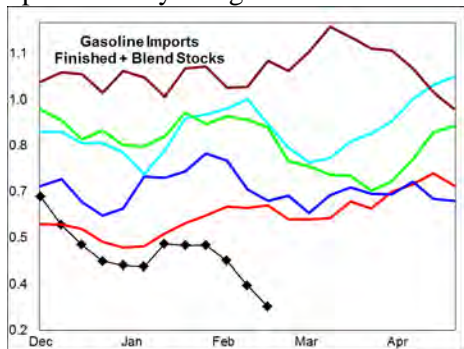
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Product Supply-Demand Trends

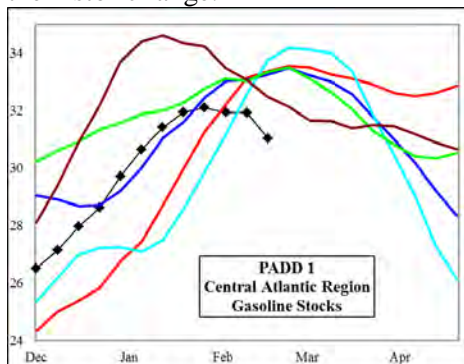
Gasoline wholesale demand surged +0.5 million bpd last week, a level slightly above the last 2-yrs. The latest 4-wk average demand was -128,000 bpd below a year ago.



Supply decreased -217,000 bpd on exceptionally low imports. Supply for the latest 4-wk period was -162,000 bpd below a year ago.



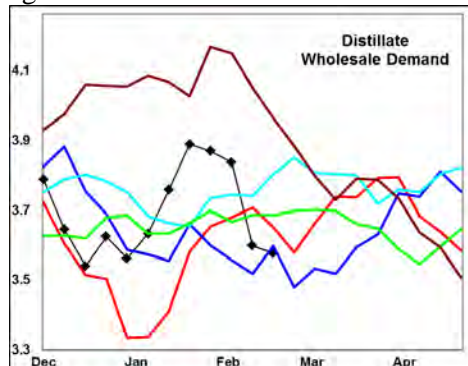
Stocks fell -2.8 million barrels last week, with stock levels in the key Central Atlantic region falling below the historic range.



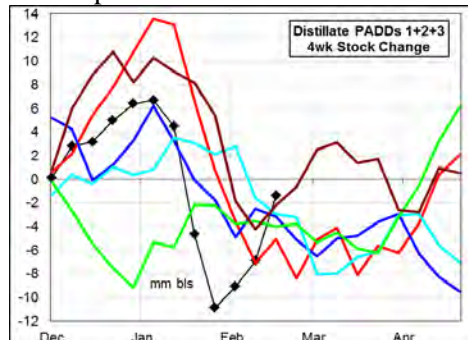
The jump in demand and very low imports led to a sharp stock draw last week in East Coast and Midwest markets. Look for higher seasonal demand, refinery maintenance and continued low imports to risk a supply squeeze in the Northeast during the 2nd

quarter.

Distillate wholesale demand declined -6,000 bpd last week. The latest 4-wk average demand was -5,000 bpd below last year – driven by inclement weather East of the Rockies that has reduced transport demand. Supply increased +57,000 bpd last week, with the 4-wk average +326,000 bpd above a year ago.



The latest 4-wk stock change in markets East of the Rockies was a -1.4 million barrel draw, a record low draw for the period.



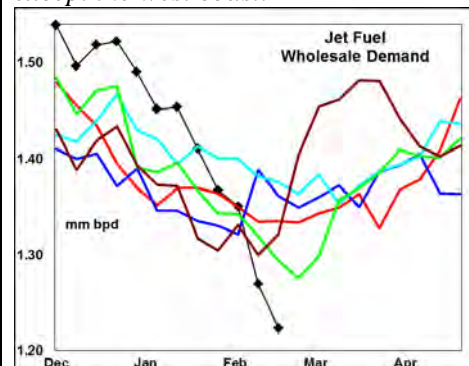
Stocks were -34% below last year in the Central Atlantic Region last week. Stocks were also -8% below the historic range in the Midwest. Forecast of much colder than normal temperatures east of the Rockies during the next 10-days and mandatory utility fuel switching from natural gas to distillate has offset increased imports and weak transport fuel use.

Jet Fuel wholesale demand declined -59,000 bpd last week, to a season low. The latest 4-wk average demand was -24,000 bpd below last year.

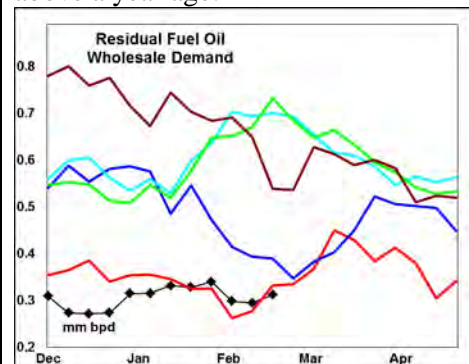
Supplies increased +5,000 bpd on record production for the period.

Output for the most recent 4-wk period was +37,000 bpd above a year ago. Imports were +11,000 bpd above last year. Stocks increased +0.9 million barrels last week, a level -1.2 million barrels below a year ago, a record low.

Extremely low demand, very high production and increased imports has led to significant stock builds during the last 2-wks. Stock levels remain very low in all regional markets, except the west coast.



Residual fuel oil demand decreased -12,000 bpd last week. Demand for the latest 4-wk period was +51,000 bpd above a year ago.



Supply (production + imports) climbed +183,000 bpd on higher imports. Production was -31,000 bpd below a year ago for the latest 4-wk period, while imports also decreased -31,000 bpd. Stock levels ended the week +1.5 million barrels above last year.

Production and imports in the key gulf region are each below the 5-yr range. Stocks in the region remain +2.3 million barrels above the historic range.



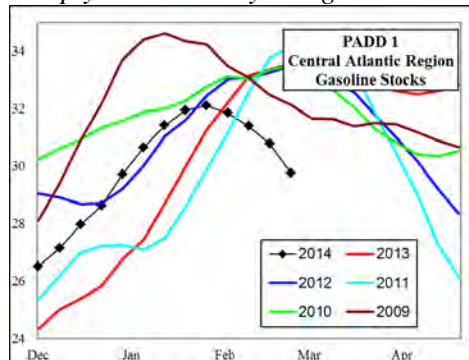
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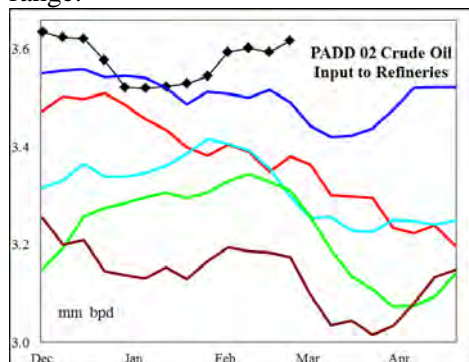
PADD Supply Trends

PADD 1 refinery crude oil runs declined -67,000 bpd last week; with the latest 4-wk average +76,000 bpd above last year. Gasoline supply increased +170,000 bpd on higher production. Stocks fell -1.7 million barrels, to a level below the last 3-yrs. *Central Atlantic Region stocks were sharply below the 5-yr range.*



Distillate supply increased +20,000 bpd last week on higher imports. Stocks climbed +1.3 million barrels on the week, driven by very high imports.

Jet fuel imports were below the 5-yr range last week, with production rising to near 5-yr highs. Stocks ended the week -14% below the historic range.



PADD 2 crude oil refinery runs increased +41,000 bpd last week, with the latest 4-wk average +208,000 bpd above last year. Crude oil stocks declined -2.7 million barrels last week, equal to the draw in Cushing.

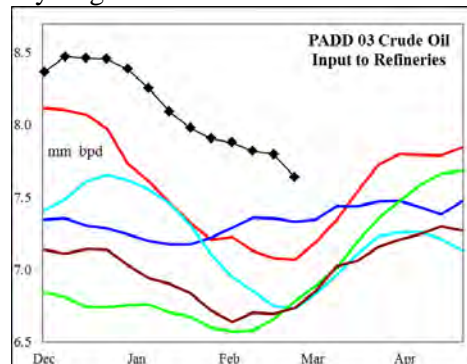
Gasoline supply increased +12,000 bpd last week, and remains above the 5-yr range. Production for the most recent 4-wk period was +302,000 bpd above a year ago – *driven by the EIA recording sub octane product shipped*

into the Midwest as finished product production when blended with ethanol. Stocks increased +0.3 million barrels on the week, ending at a level below the 5-yr range.

Distillate supply declined -44,000 bpd last week, with the 4-wk average +58,000 bpd above a year ago. Stock levels ended the week -8% below the 5-yr range.

Jet fuel production fell -40,000 bpd last week, with the 4-wk average +11,000 bpd above last year. Stock levels ended the week +1% above last year.

PADD 3 refinery runs declined -237,000 bpd last week, a level still above the 5-yr range. During the latest 4-wk period, average runs were +748,000 bpd above last year. Crude oil stocks increased +4.4 million barrels last week, a level that matched 5-yr highs.



Gasoline supply increased +121,000 bpd last week, with the latest 4-wk average +37,000 bpd above a year ago. Stocks increased +0.3 million barrels last week, ending at a record high level for this time of year.

Distillate supply was unchanged on the week with higher imports offset by a drop in production. The latest 4-wk average supply was +196,000 bpd above last year. Stocks fell -0.8 million barrels last week, to a level slightly above the last 2-yrs.

Jet fuel production increased +22,000 bpd on the week, a record high for this time of year. Stocks increased +0.2 million barrels on the week, but remain -10% below last year.

Residual fuel supply was unchanged last week with lower production offset by increased imports. Supplies remain -100,000 bpd below a year ago.

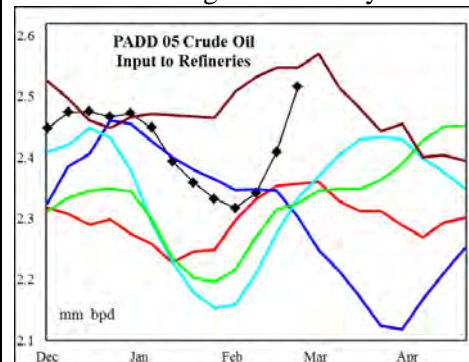
PADD 4 refinery crude runs jumped +44,000 bpd last week, to a level near the last 2-yrs.

Gasoline production increased +9,000 bpd on the week, a level near the 3-yr mid range. Stocks were unchanged on the week, with the level near 5-yr lows.

Distillate production increased +32,000 bpd on the week, a level still well below the last 2-yrs. Stock levels ended the week -7% below last year.

Jet fuel production increased +7,000 bpd on the week, to a record high level. Stock levels remain well below the last 3-yrs.

PADD 5 crude oil refinery runs increased +132,000 bpd last week, to a near record high. The latest 4-wk run rate was unchanged from last year.

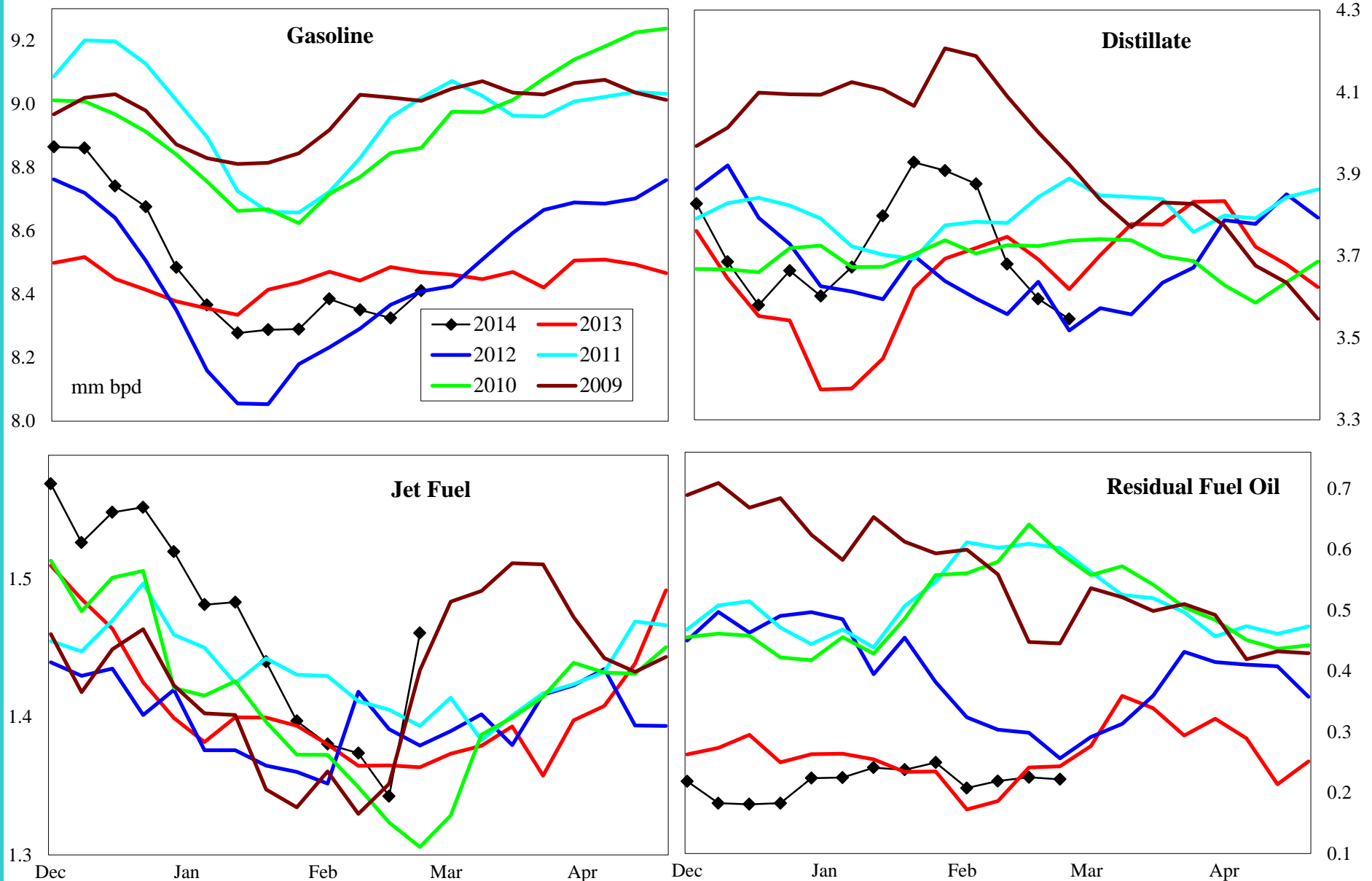


Gasoline supply increased +30,000 bpd on the week, a level just above the historic range. The latest 4-wk average supply was +27,000 bpd above a year ago. Stocks decreased -0.6 million barrels on the week, a level equal to the 3-yr mid-range.

Distillate supply jumped +76,000 bpd, to an all time high. The latest 4-wk average supply was +57,000 bpd above a year ago. Stocks increased +0.4 million barrels, to a level above the 3-yr mid range.

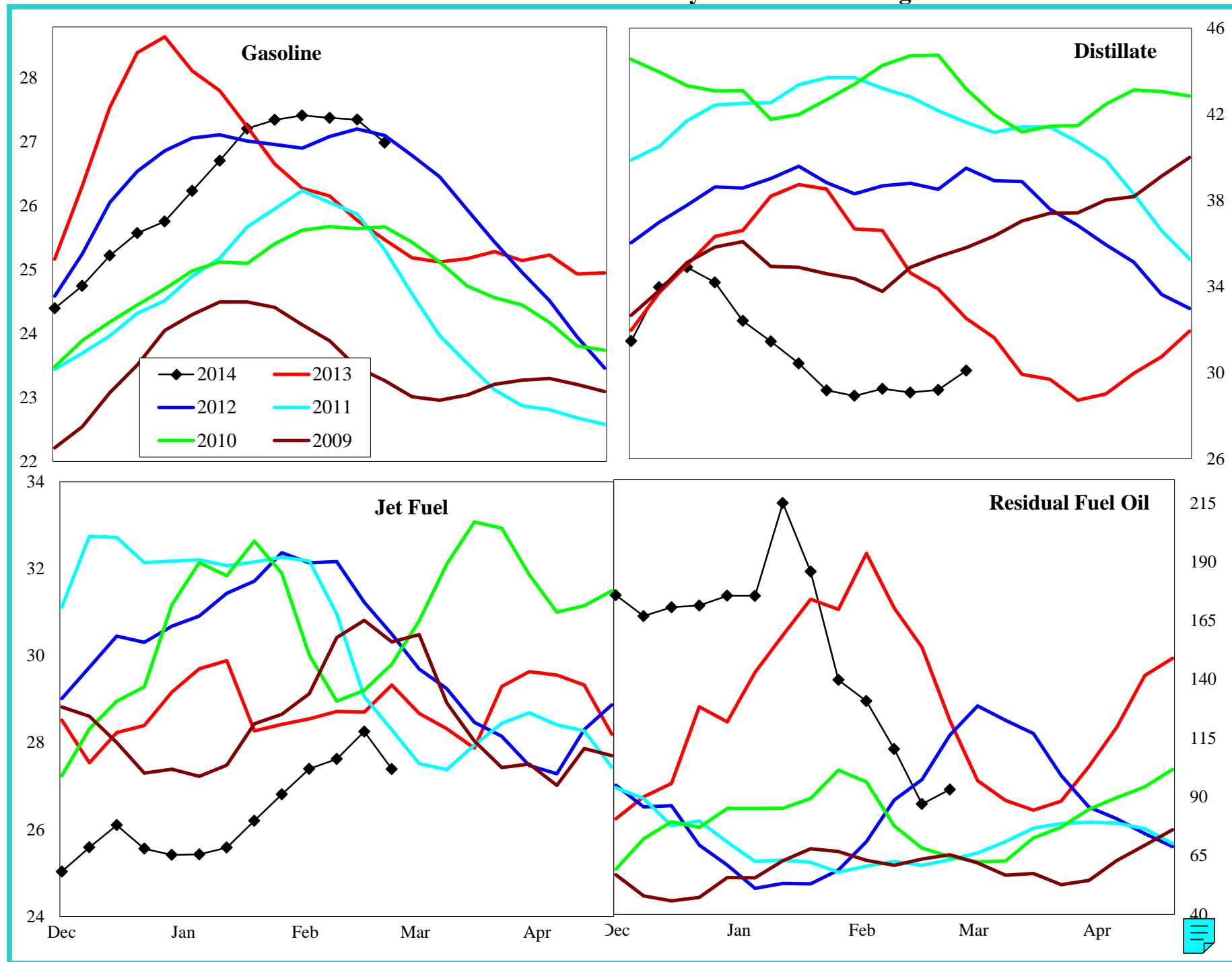
Jet fuel supply decreased -9,000 bpd on the week, due to sharply lower imports. Production and stock levels each ended the week near record highs.

United States Wholesale Petroleum Demand

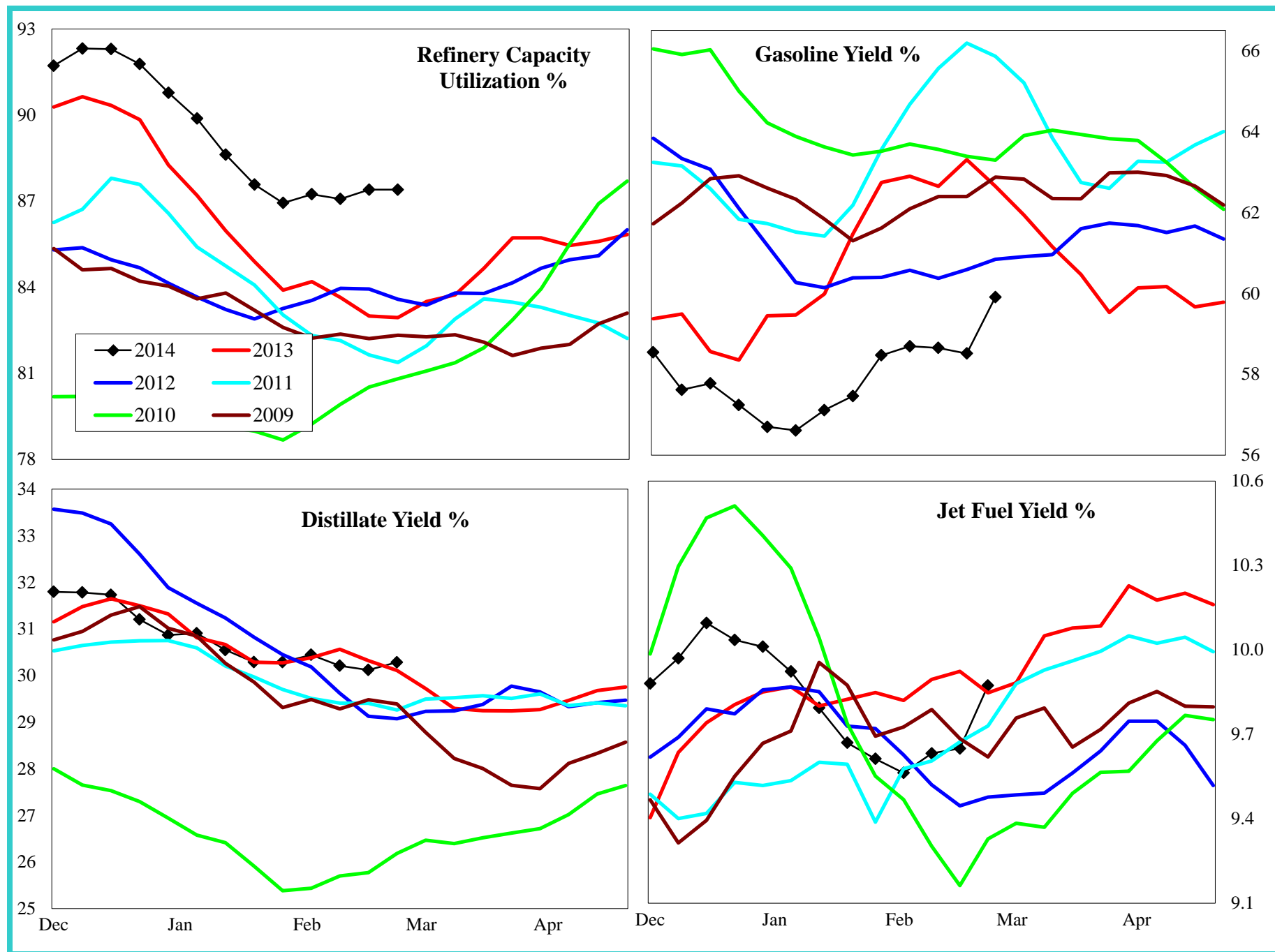


	000 bpd change from prior year				% change from prior year				
	4wk avg	Jan	Jan	Nov	4wk avg	Jan	Dec	Nov	
Gasoline	-125	61	462	208	-1.5	0.7	5.5	2.4	
Distillate	-162	-63	120	-39	-4.3	-1.6	3.4	-1.0	
Jet Fuel	0	140	155	14	0.0	10.8	11.3	1.0	
Resid	15	-52	35	36	6.4	-14.9	18.4	12.2	

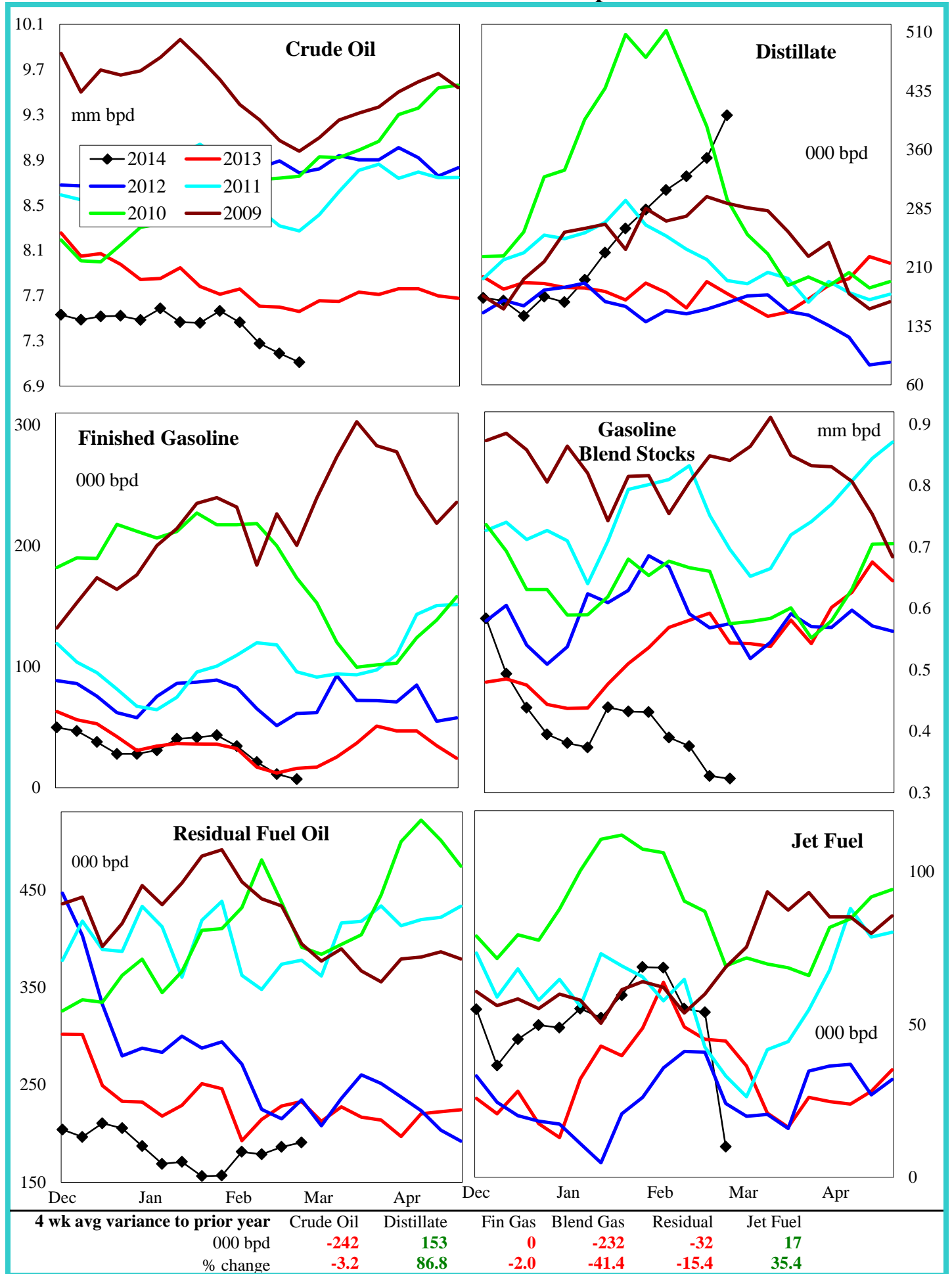


United States Product Stocks: Days Forward Coverage

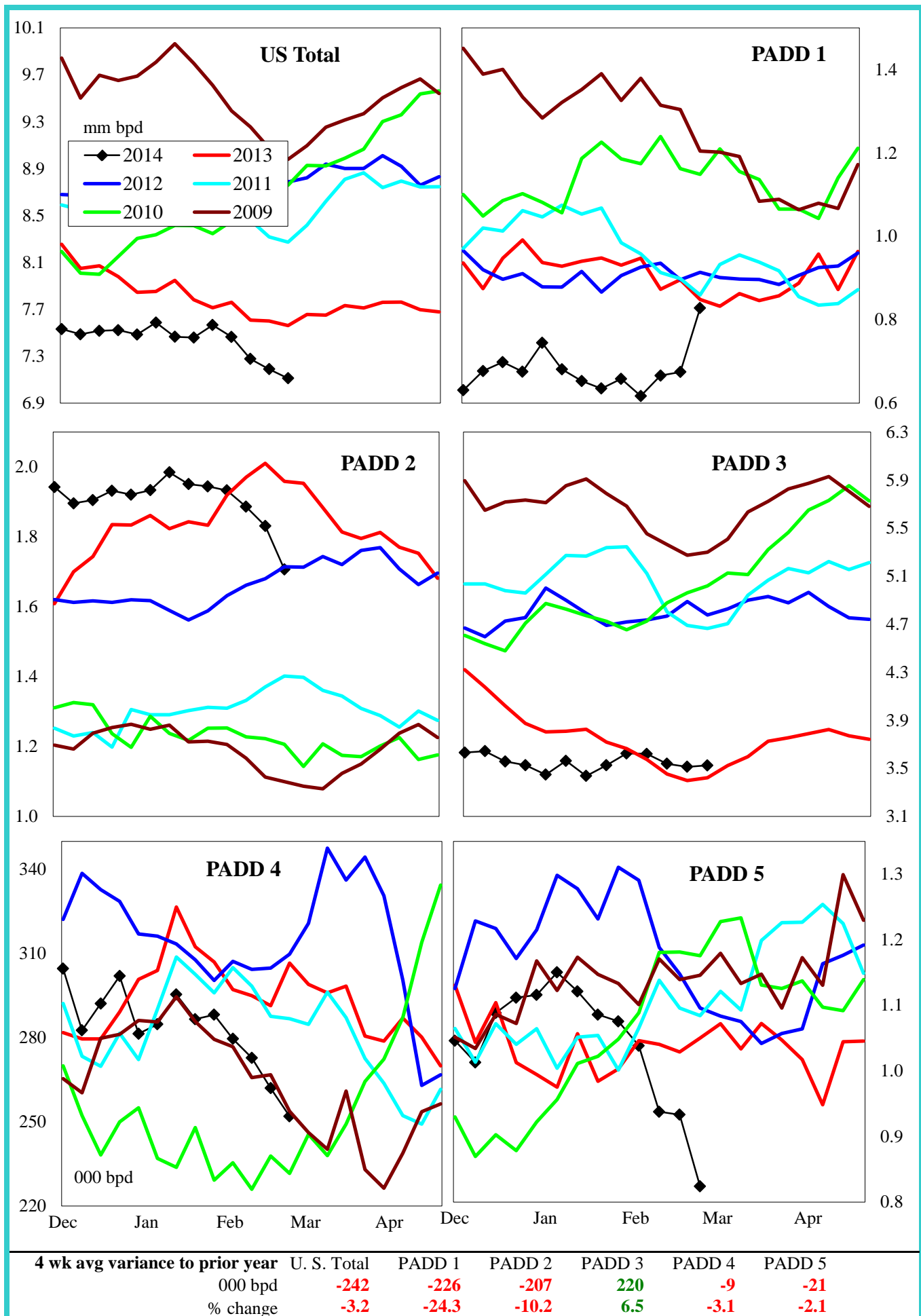
United States Refinery Percent Utilization Rate and Product Yields



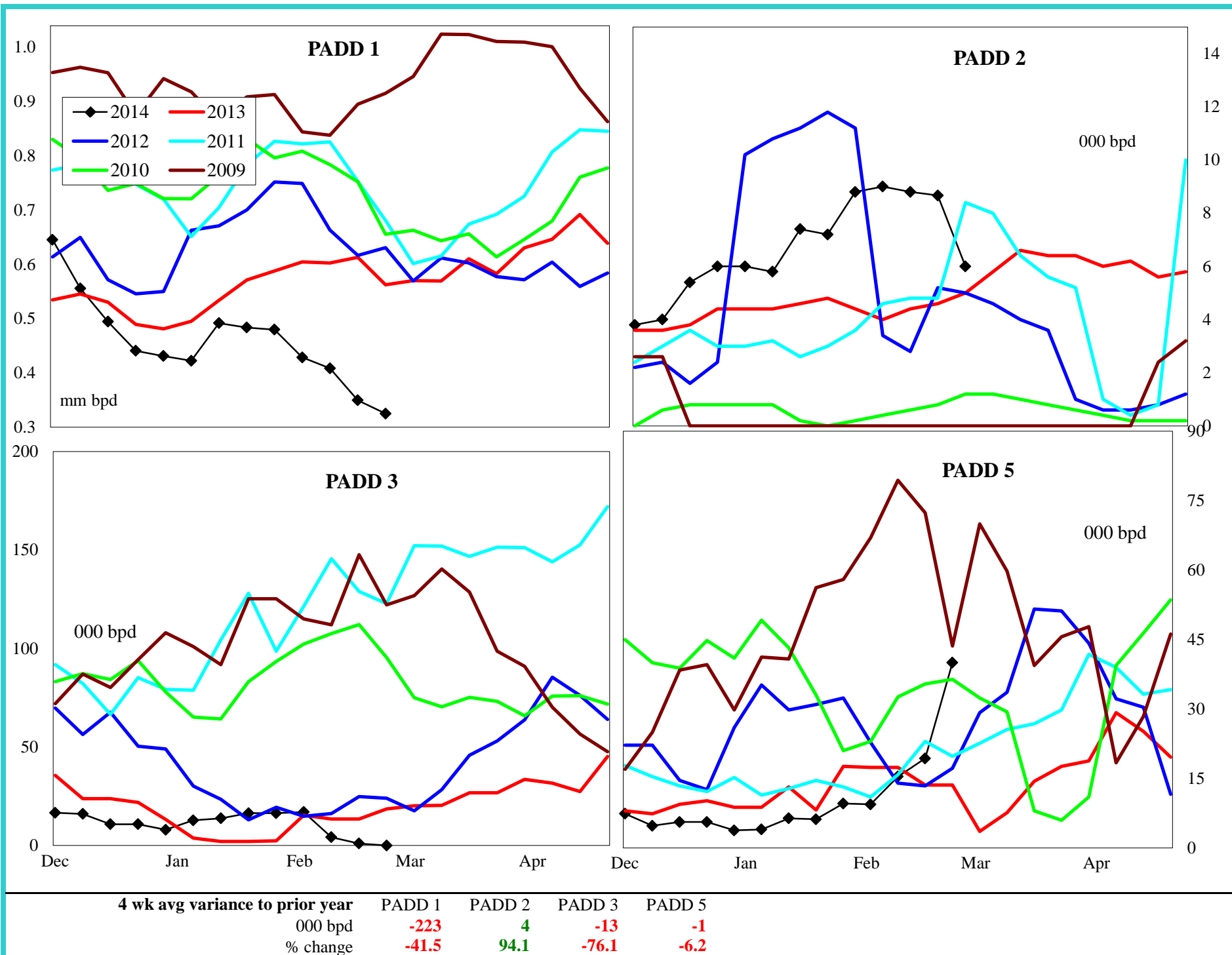
United States Petroleum Imports



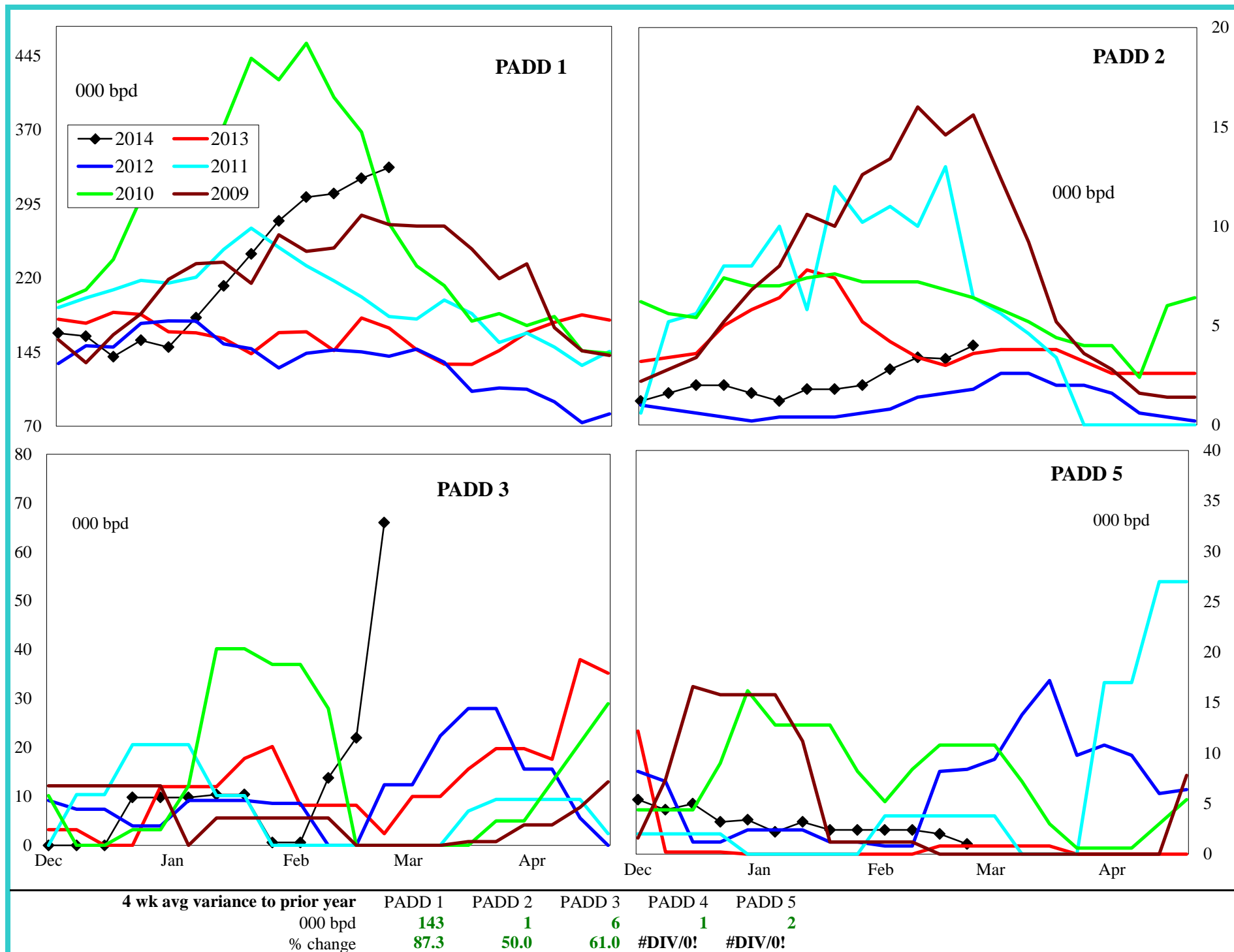
Crude Oil Imports by PADD



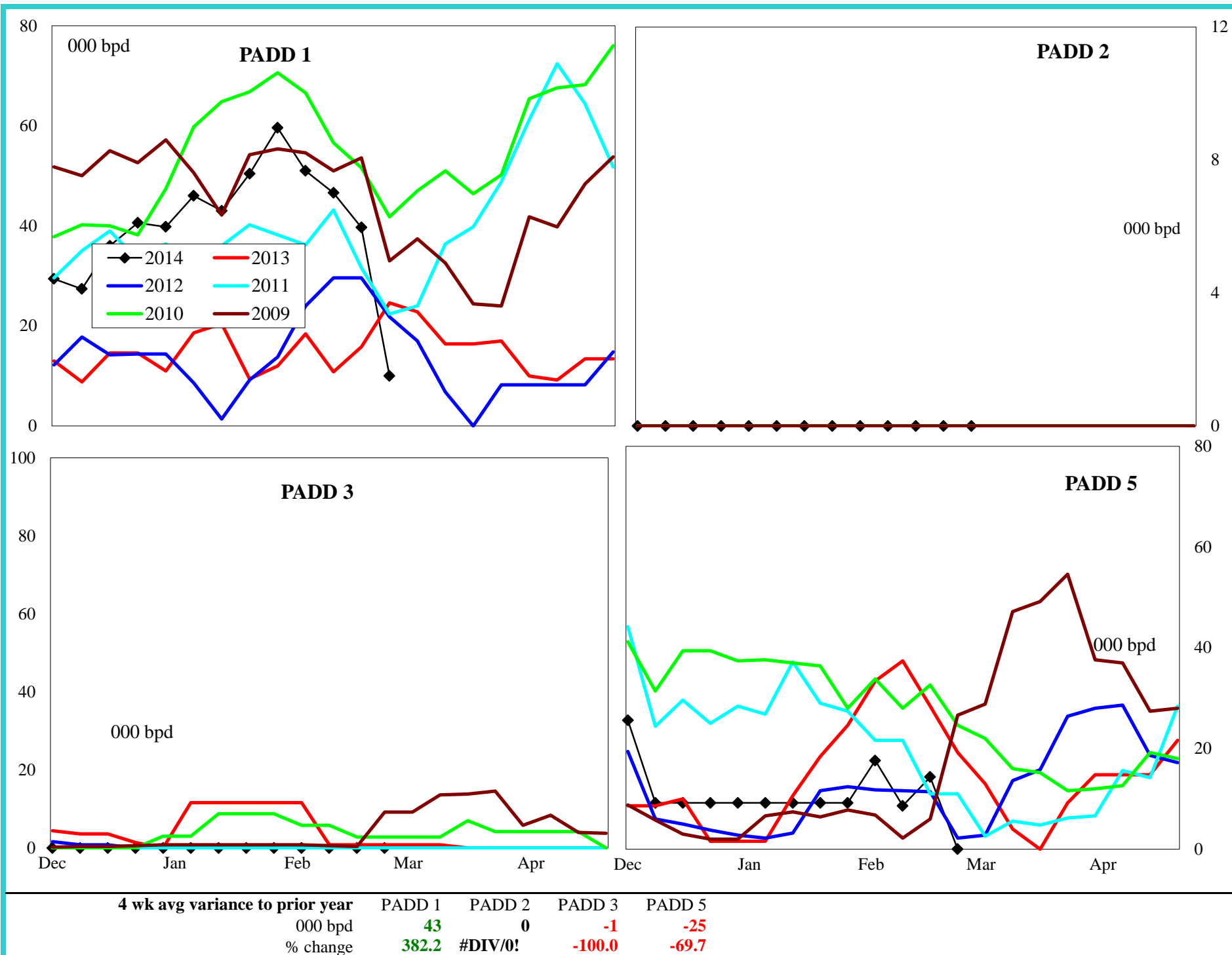
Gasoline Imports by PADD (Finished + Blend Stocks)



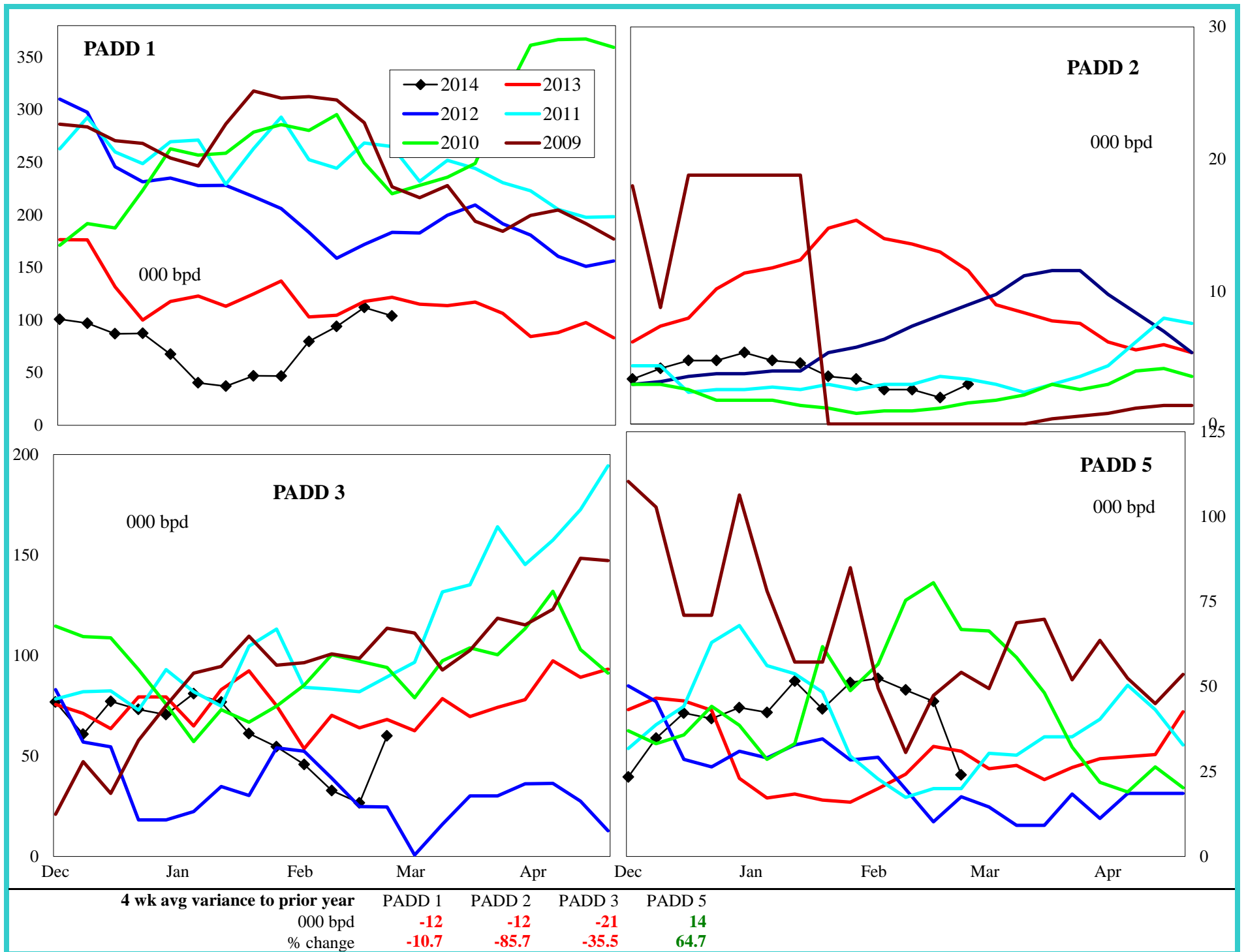
Distillate Imports by PADD



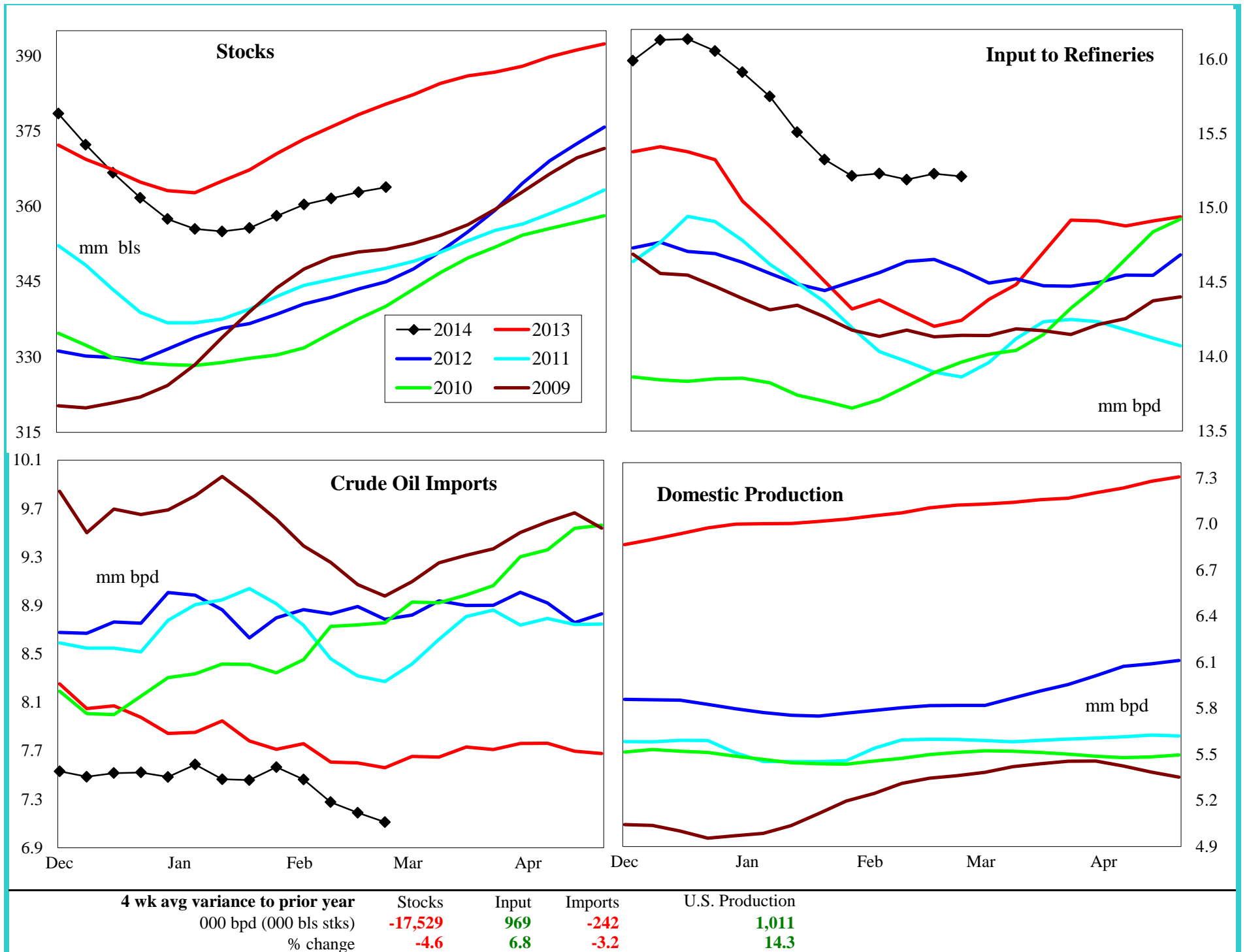
Jet Fuel Imports by PADD



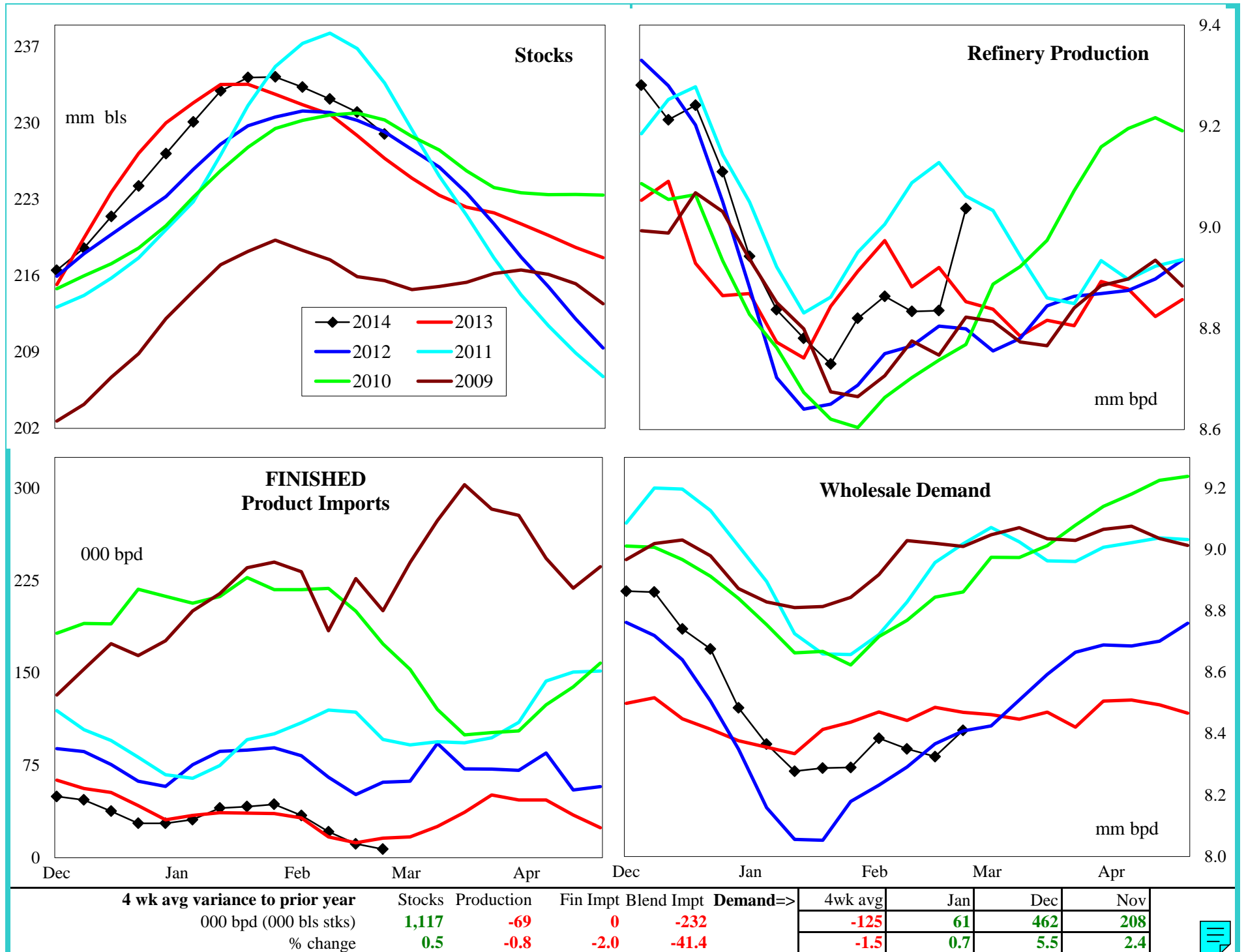
Residual Fuel Oil Imports by PADD



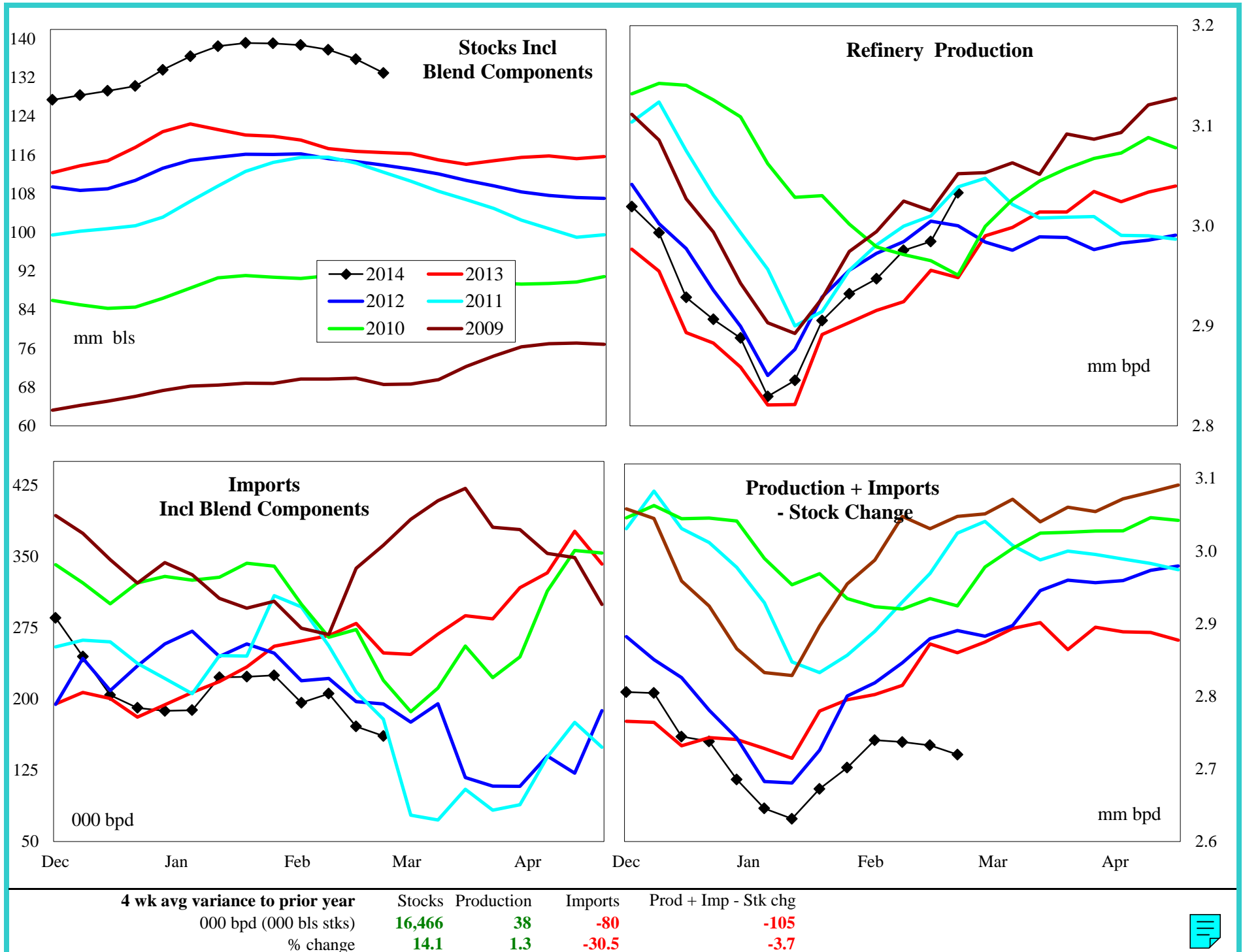
United States Crude Oil Supply and Demand Balance



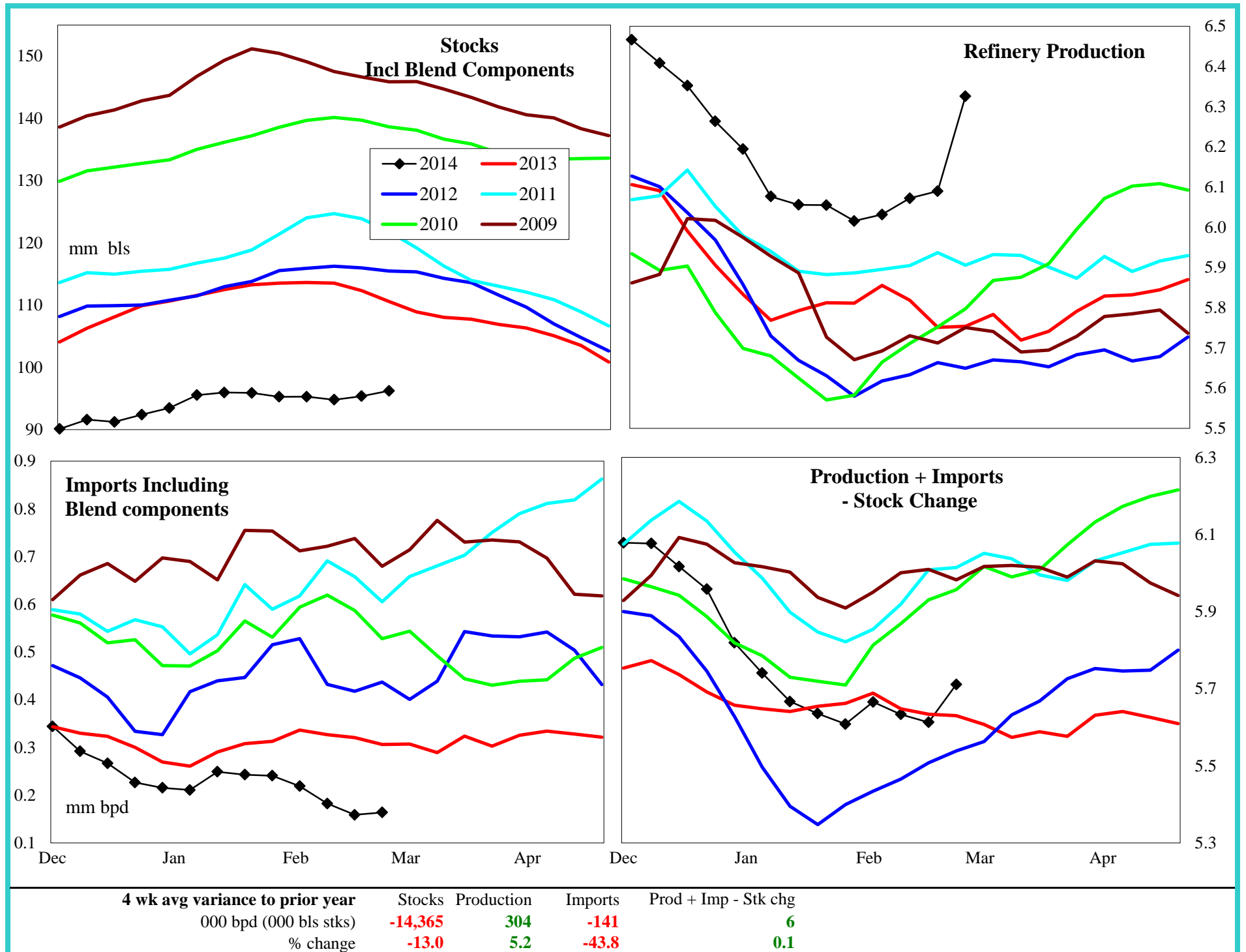
United States Gasoline Supply and Demand Balance



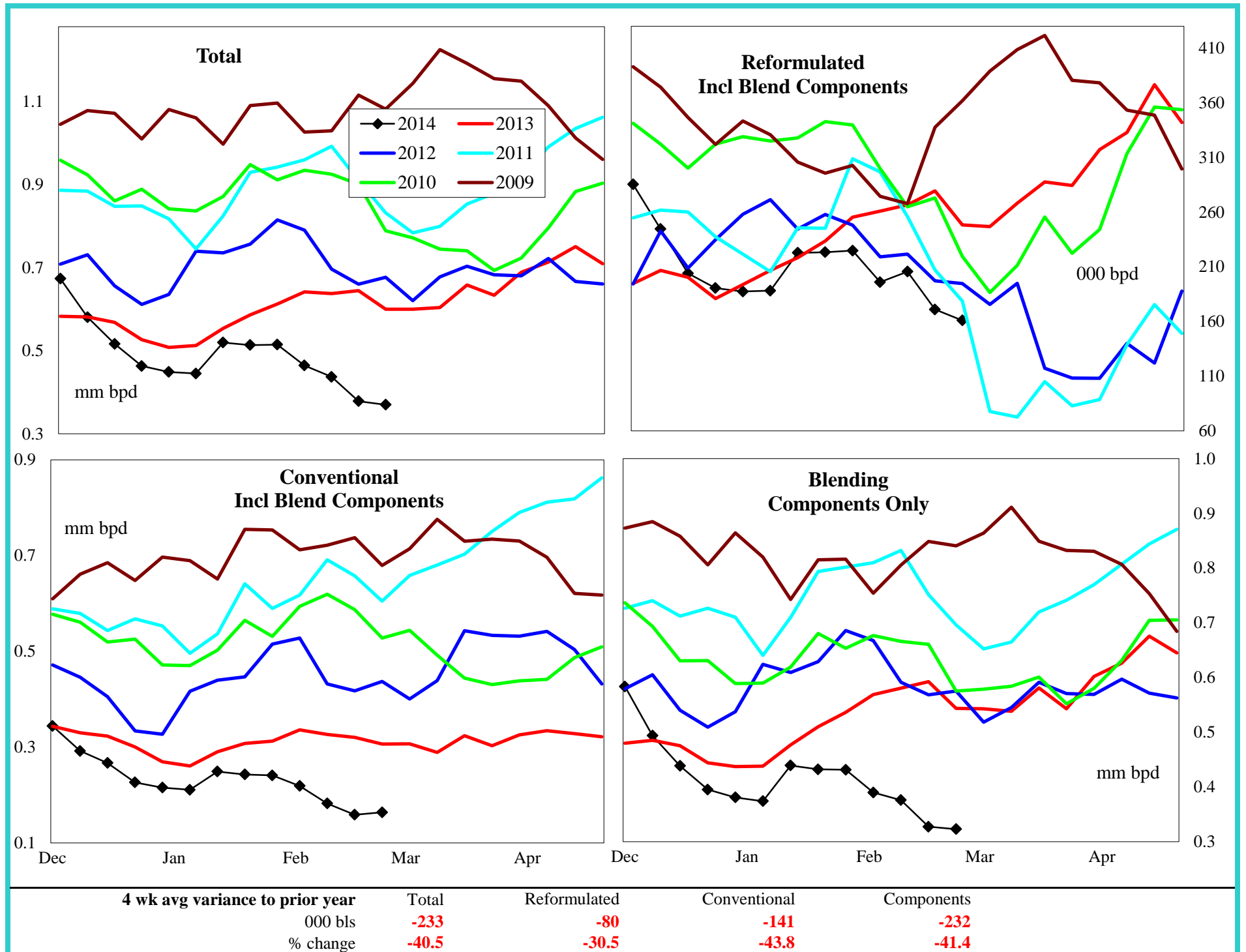
United States Reformulated Gasoline Supply



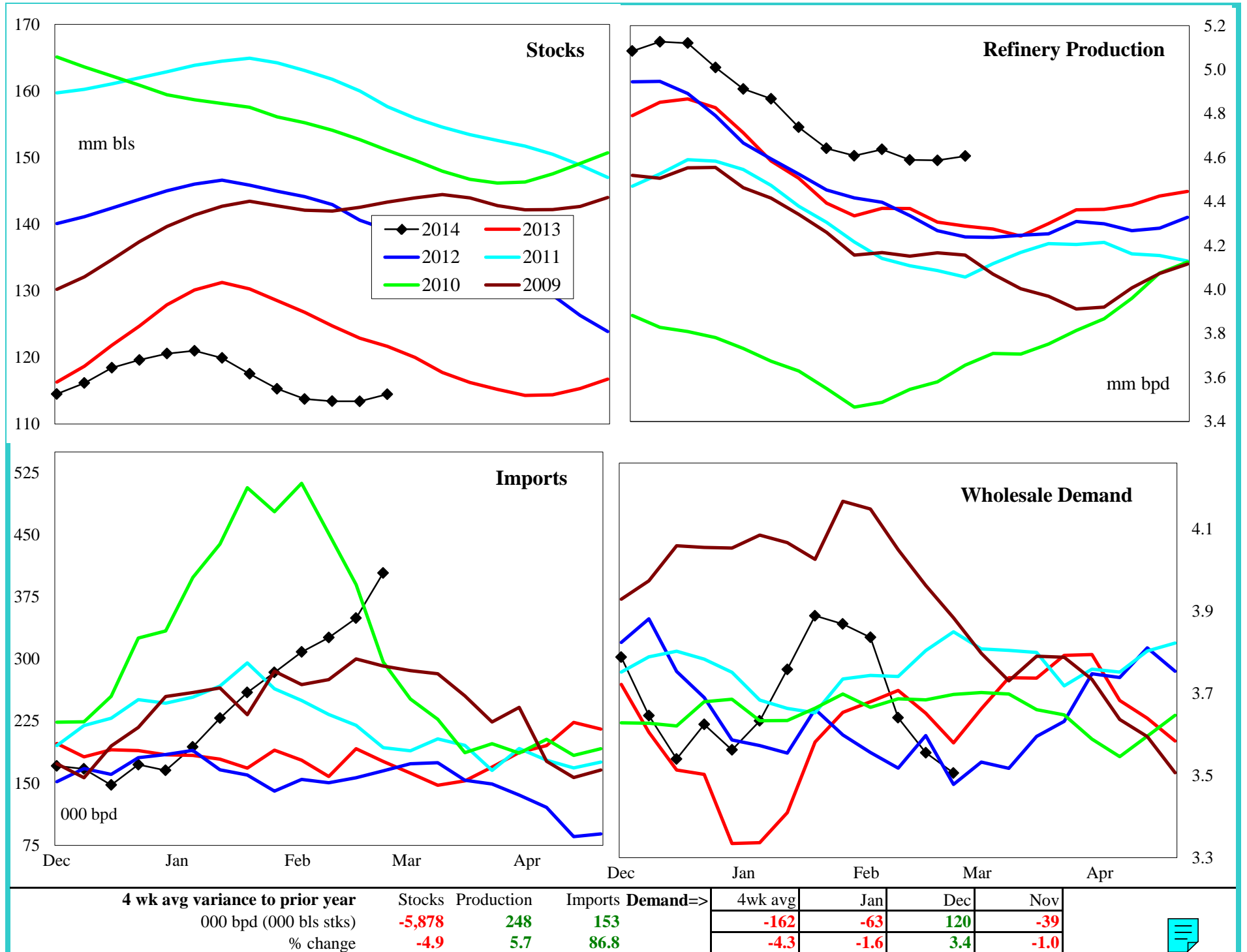
United States Conventional Gasoline Supply



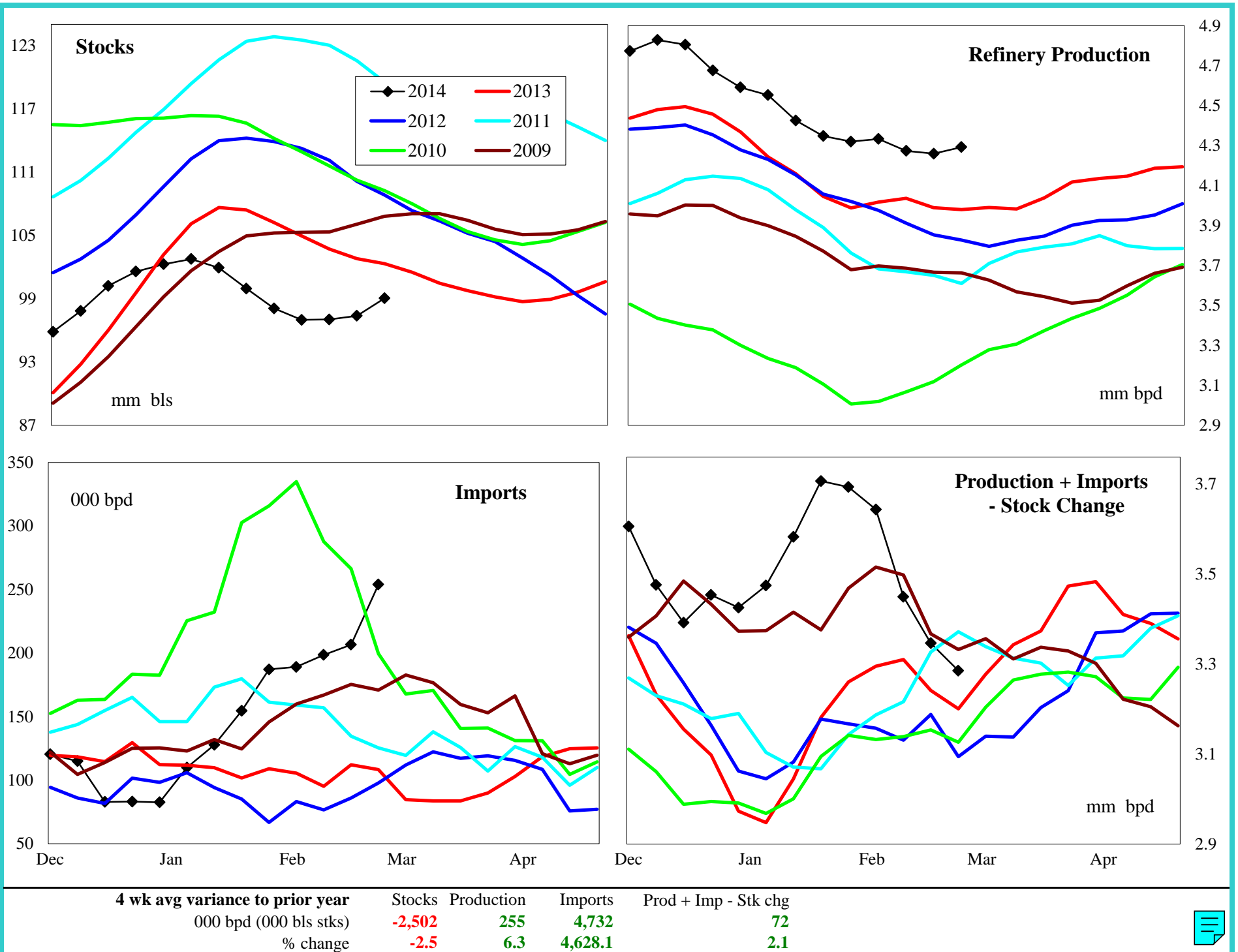
United States Gasoline Imports by Type



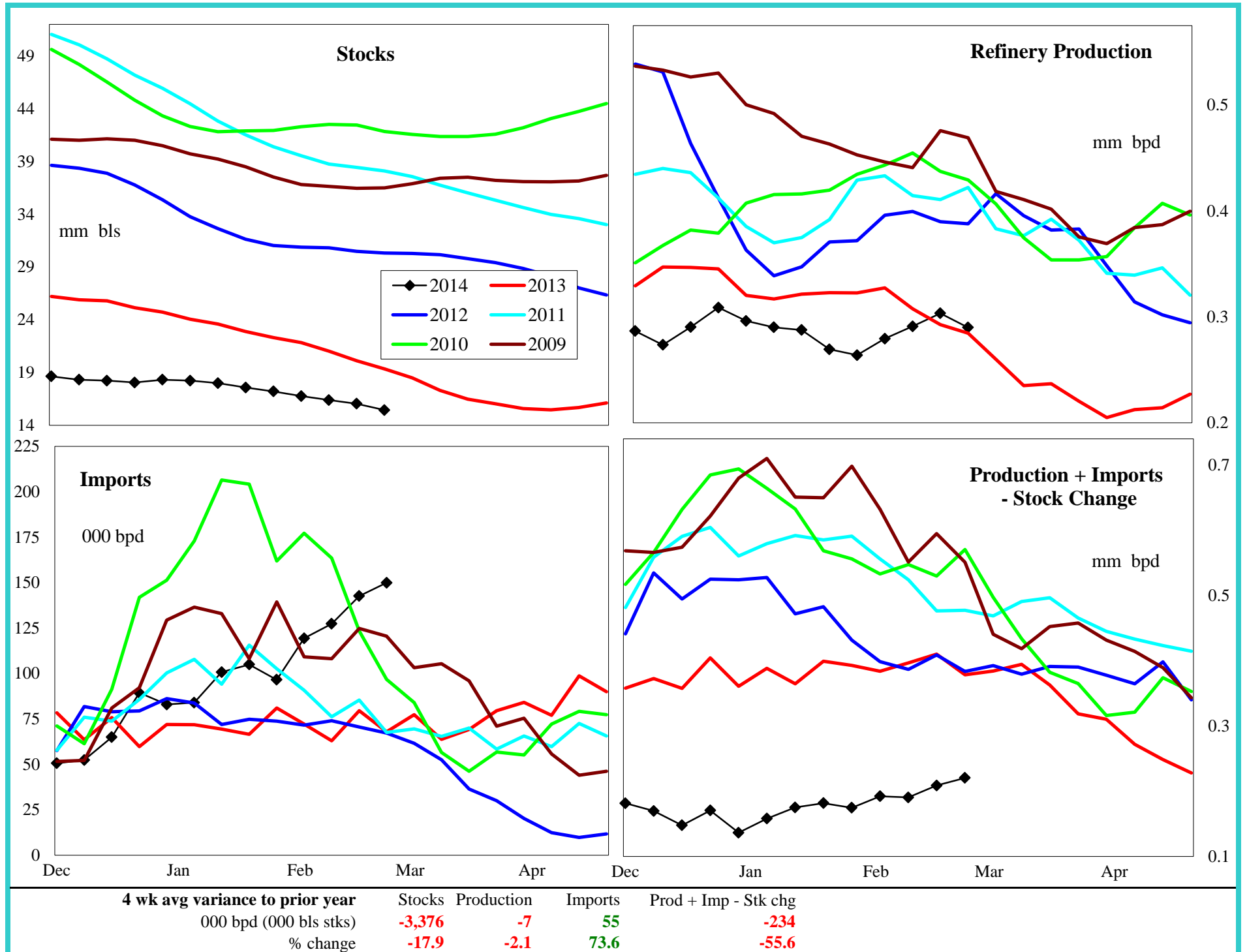
United States Distillate Supply and Demand Balance



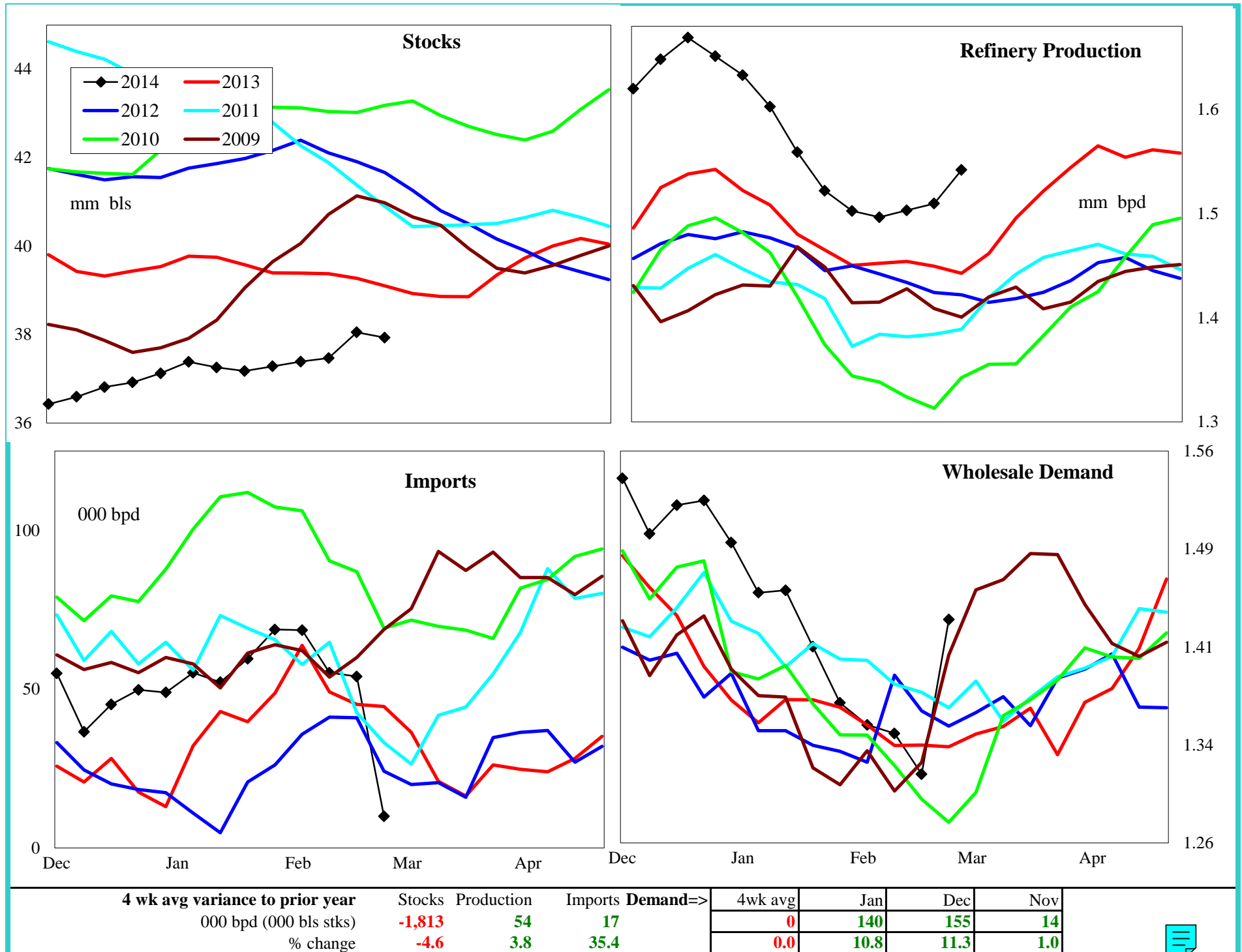
United States Low Sulfur Distillate Supply



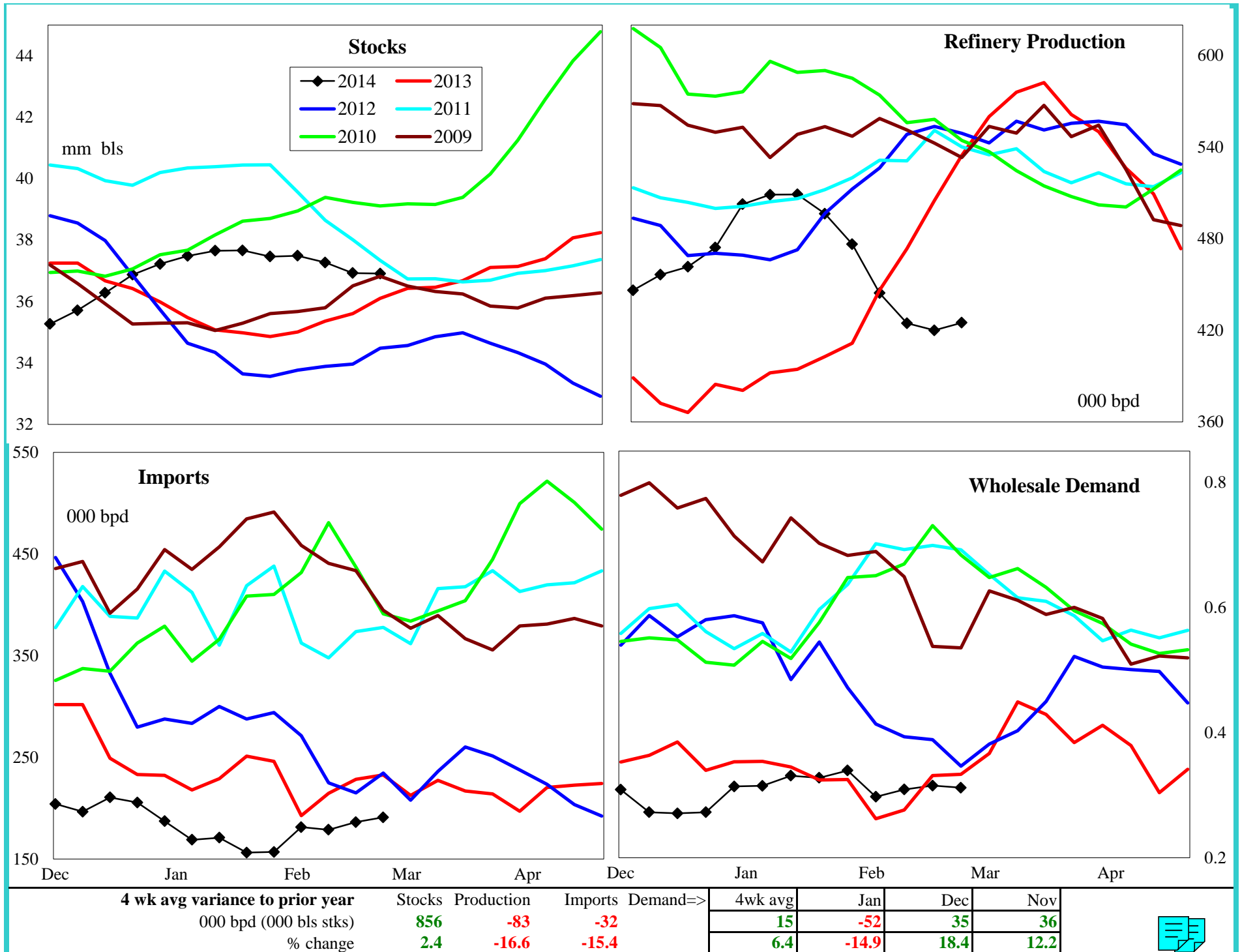
United States High Sulfur Distillate Supply



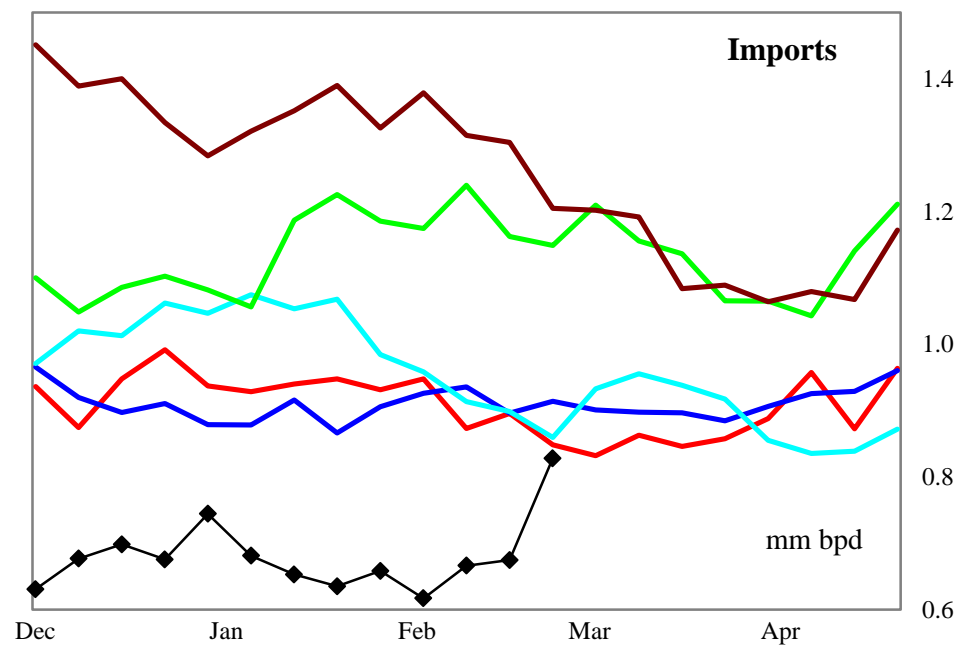
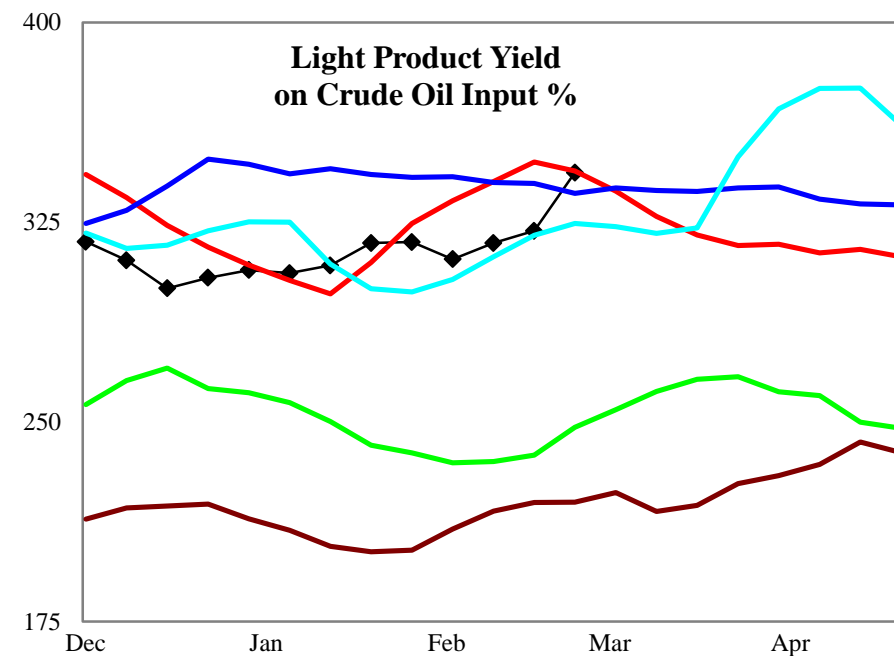
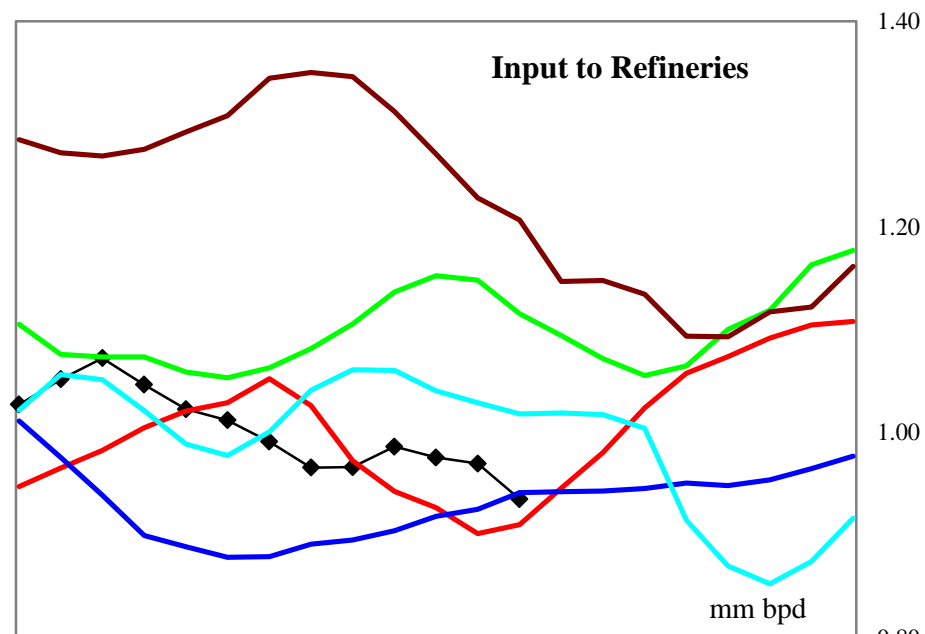
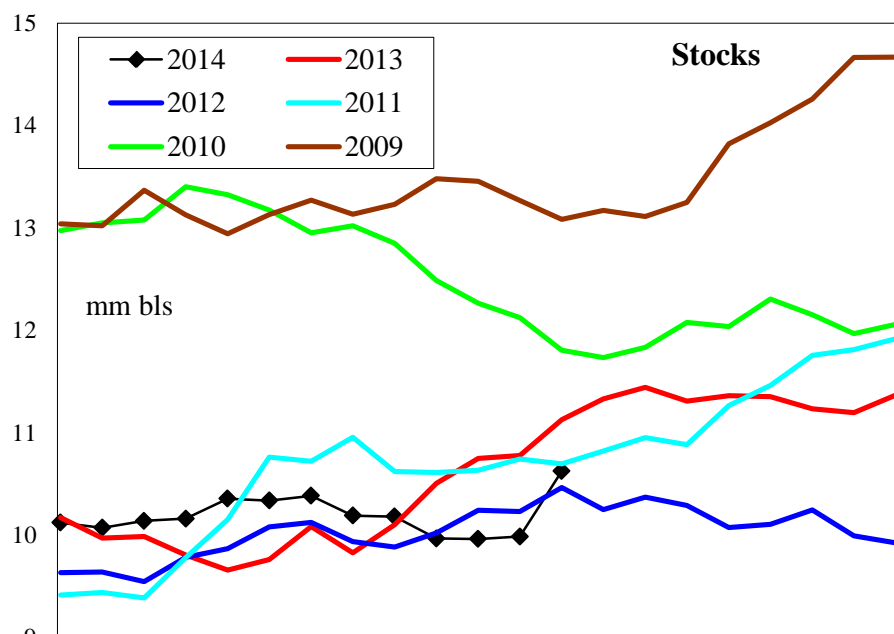
United States Jet Fuel Supply and Demand Balance



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 bbls stks)

% change

Stocks

-500

-4.3

Input

76

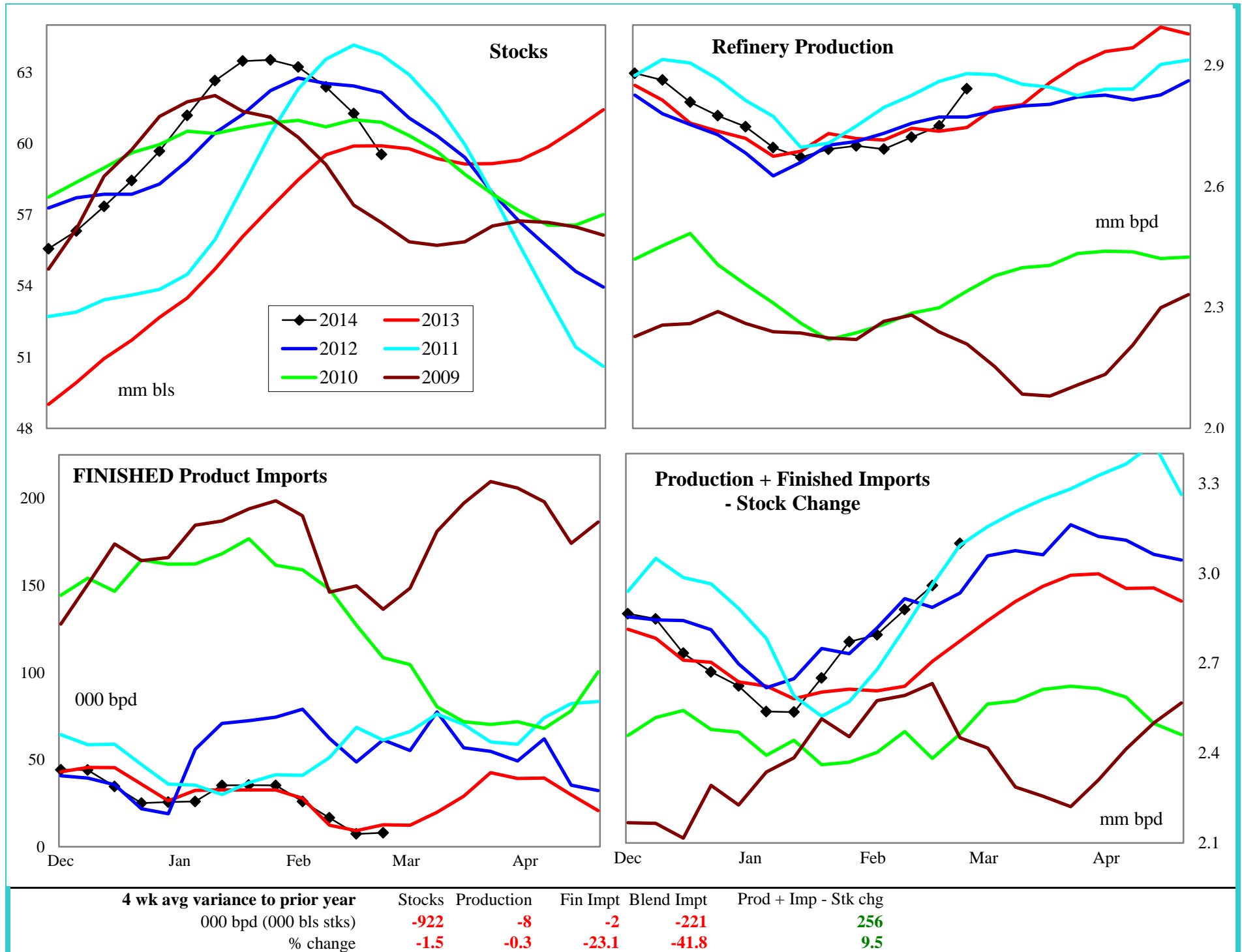
8.5

Imports

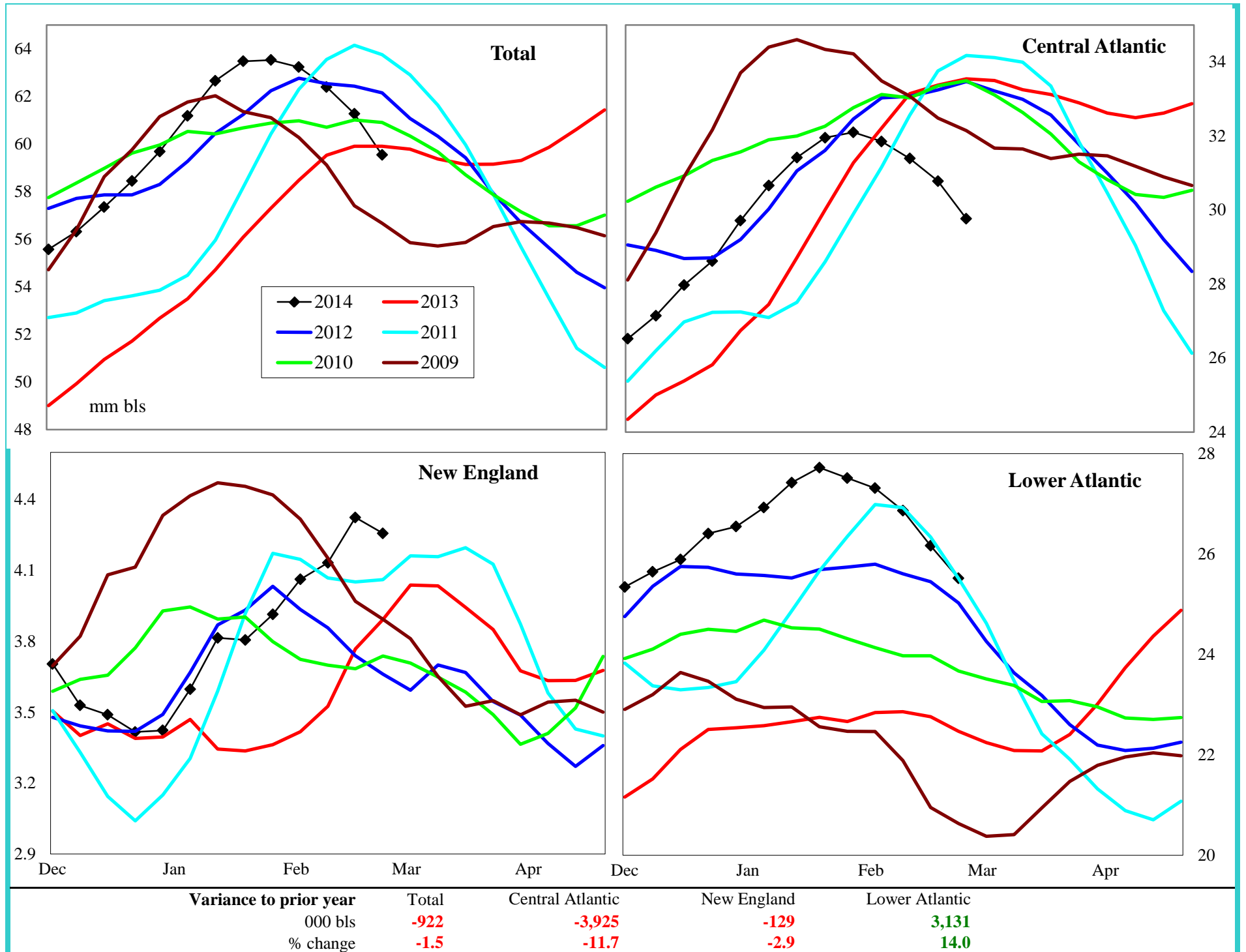
-226

-24.3

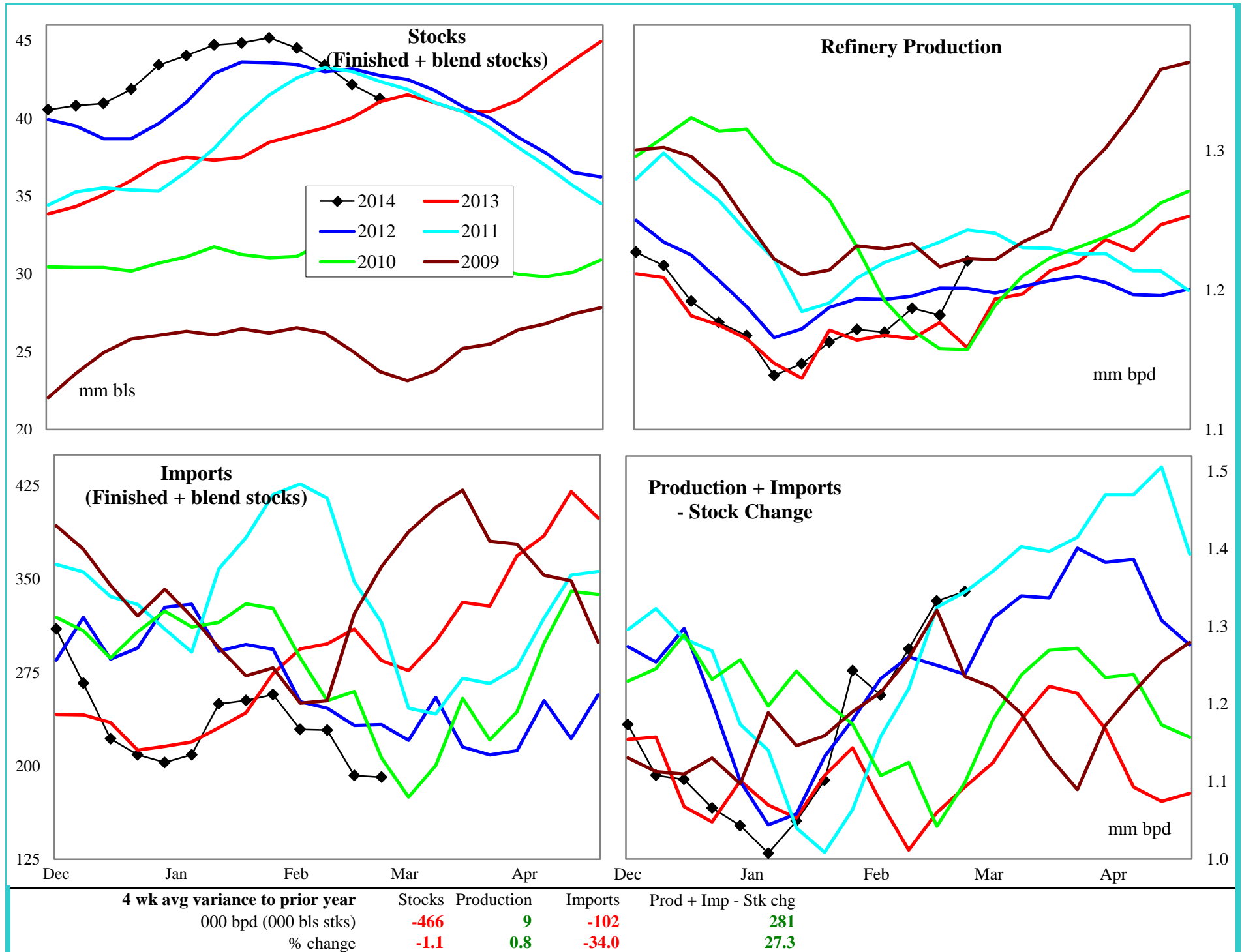
PADD 1 Gasoline Supply



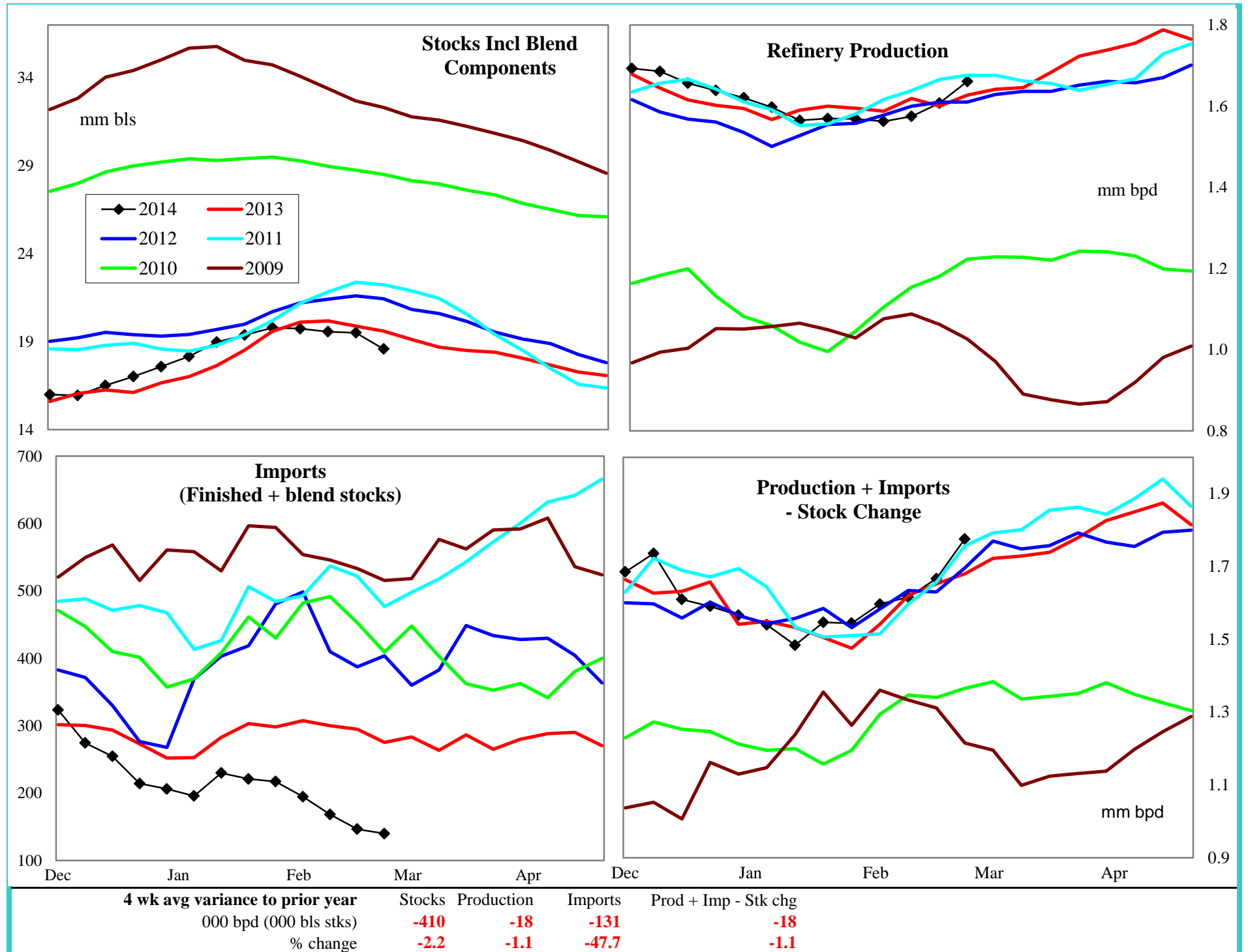
PADD 1 Gasoline Stocks by Region



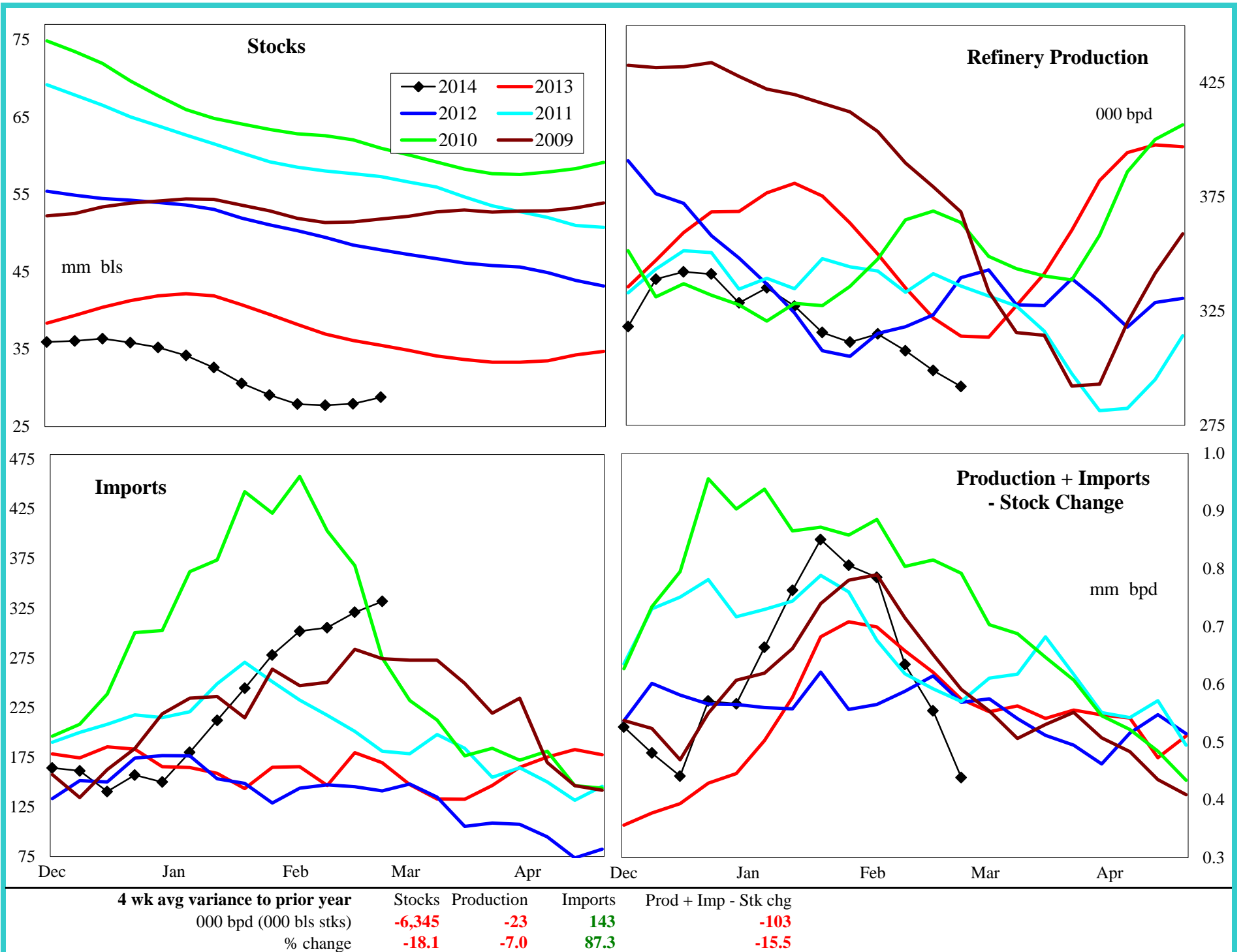
PADD 1 Reformulated Gasoline Supply



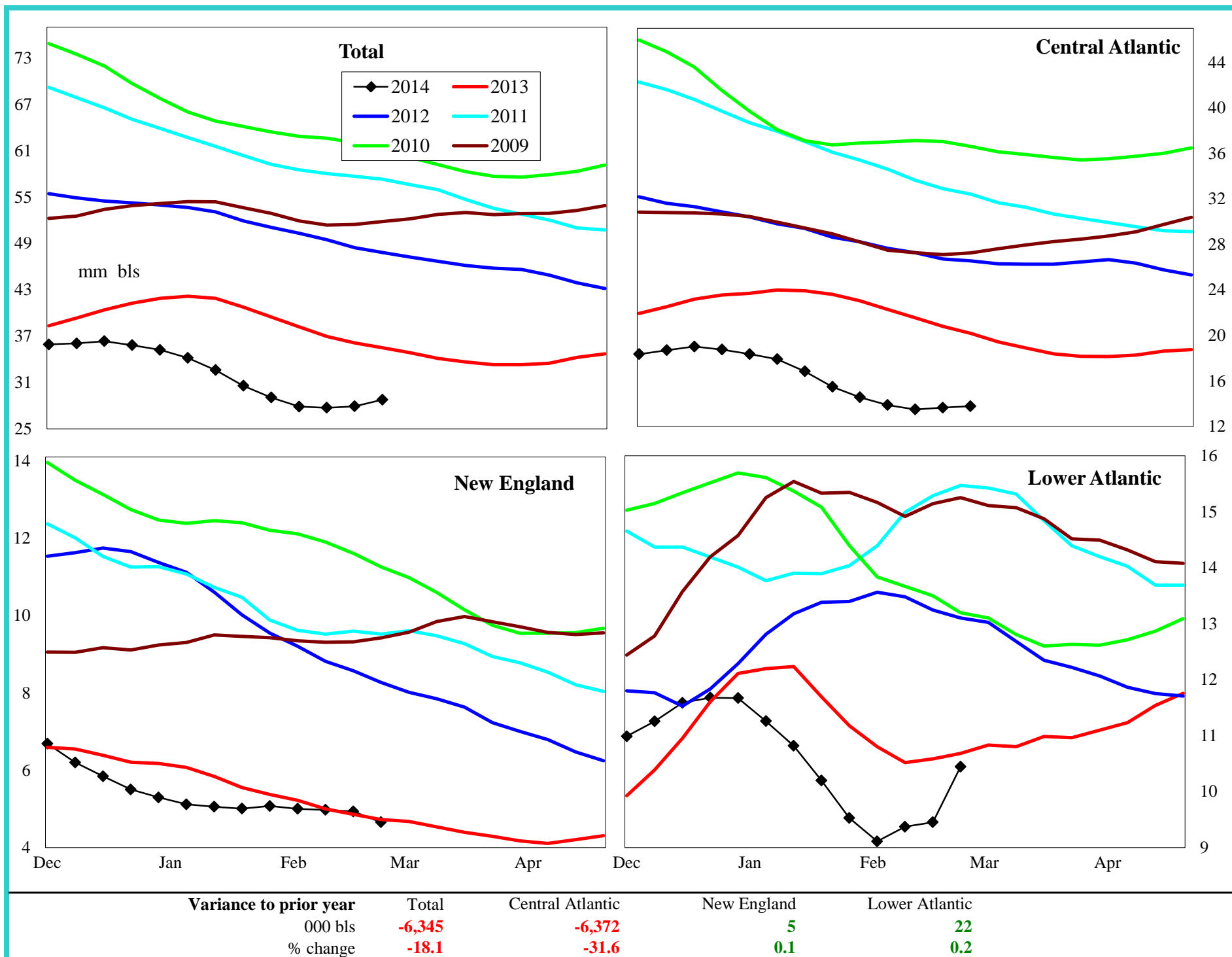
PADD 1 Conventional Gasoline Supply



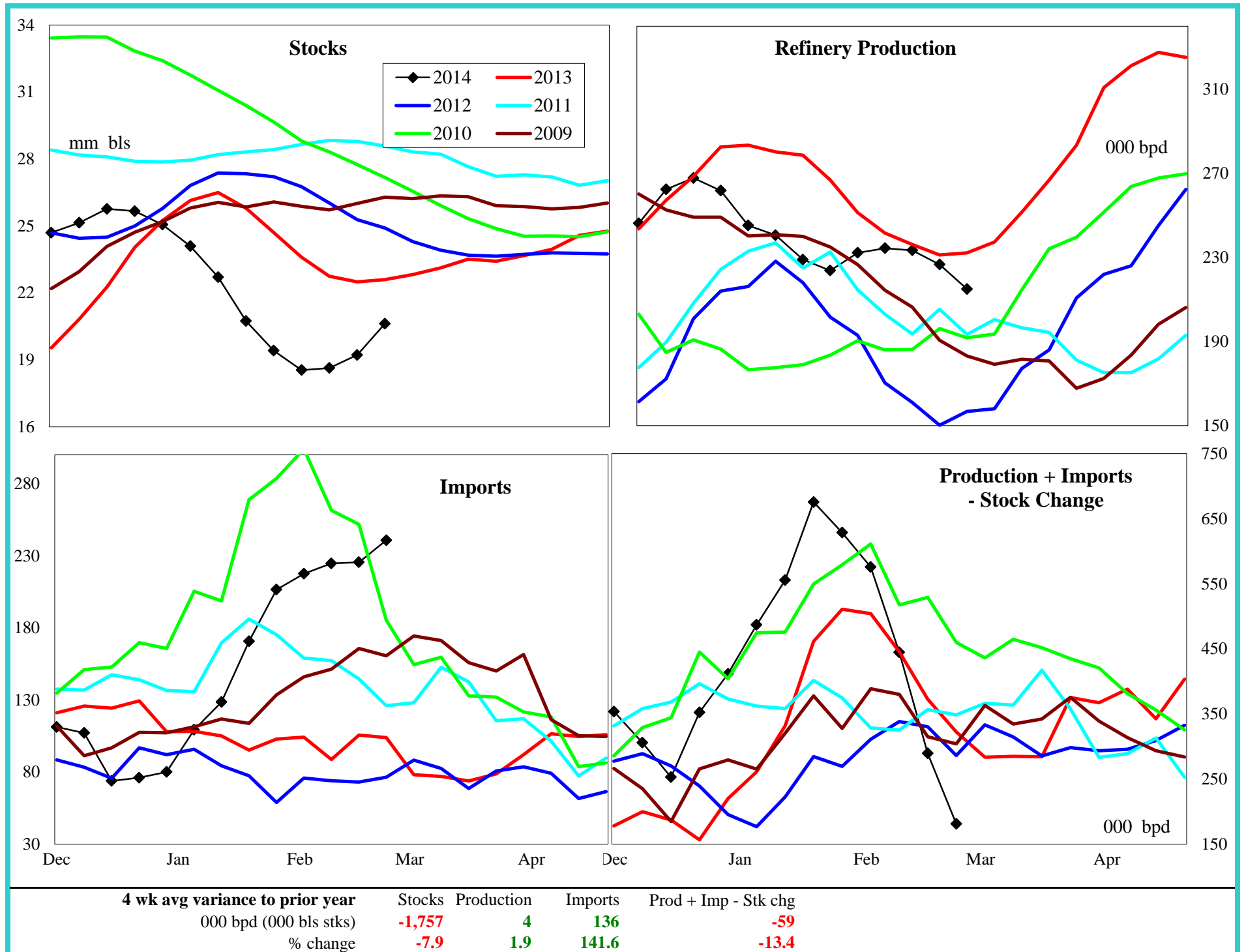
PADD 1 Distillate Supply



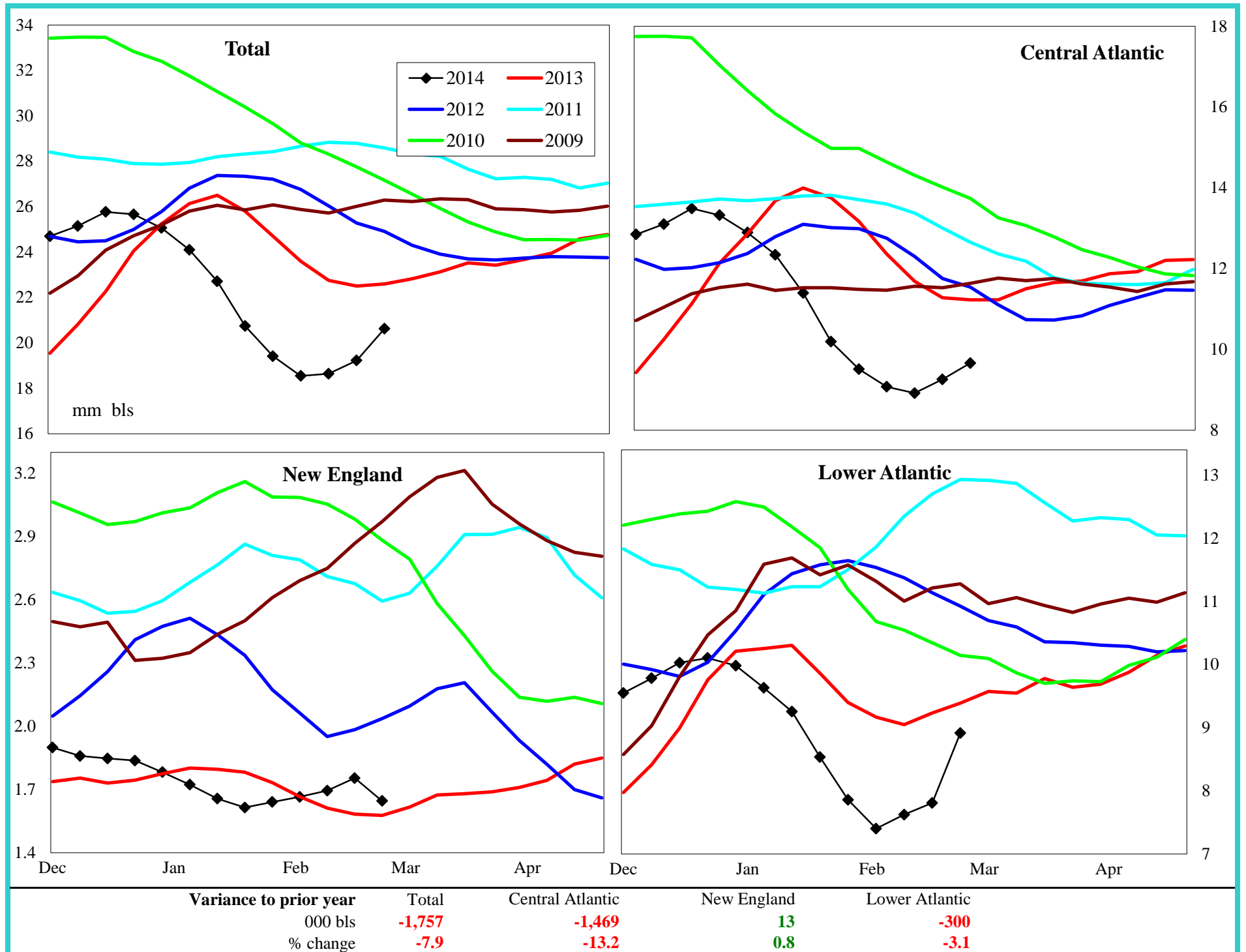
PADD 1 Distillate Stocks by Region



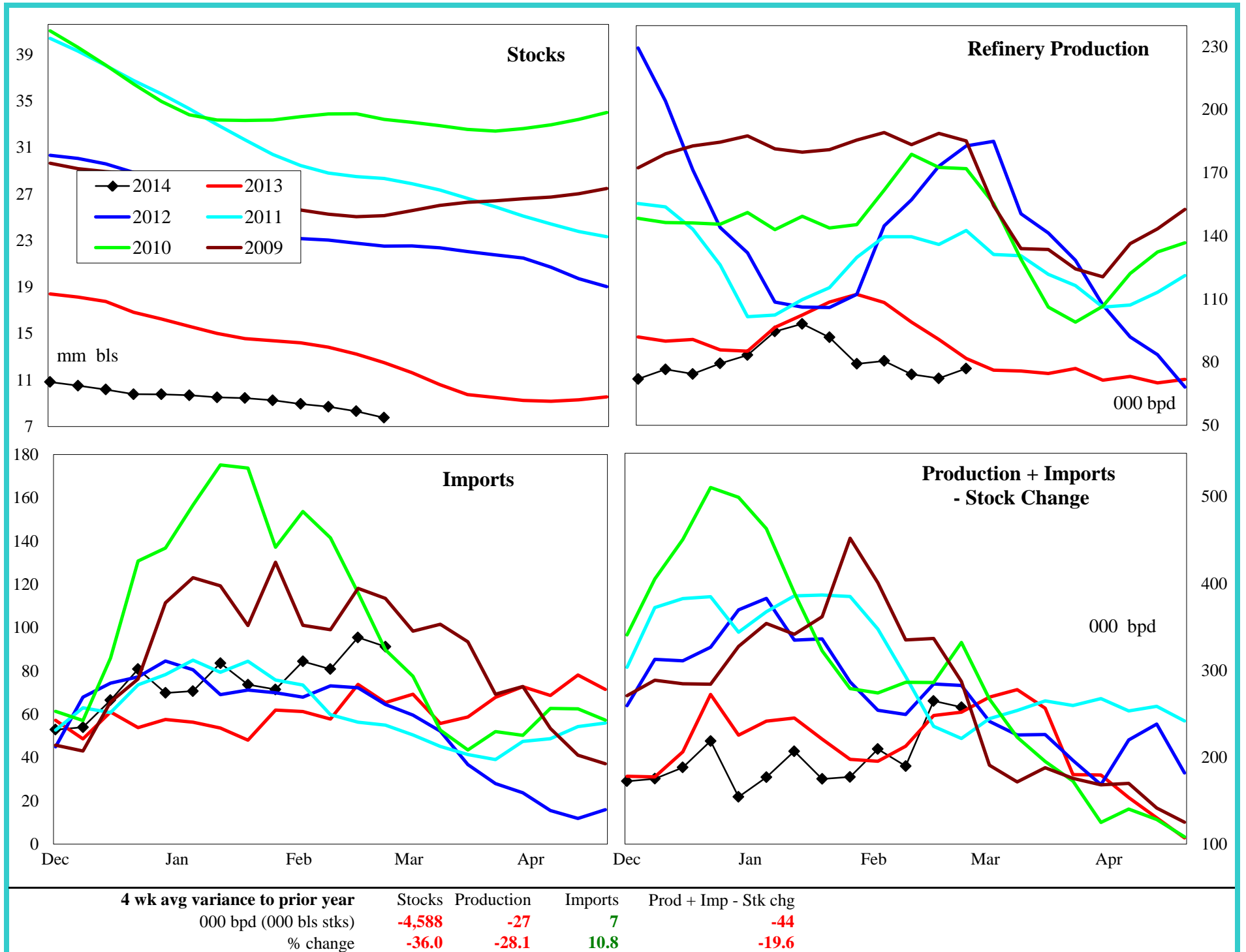
PADD 1 Low Sulfur Distillate Supply



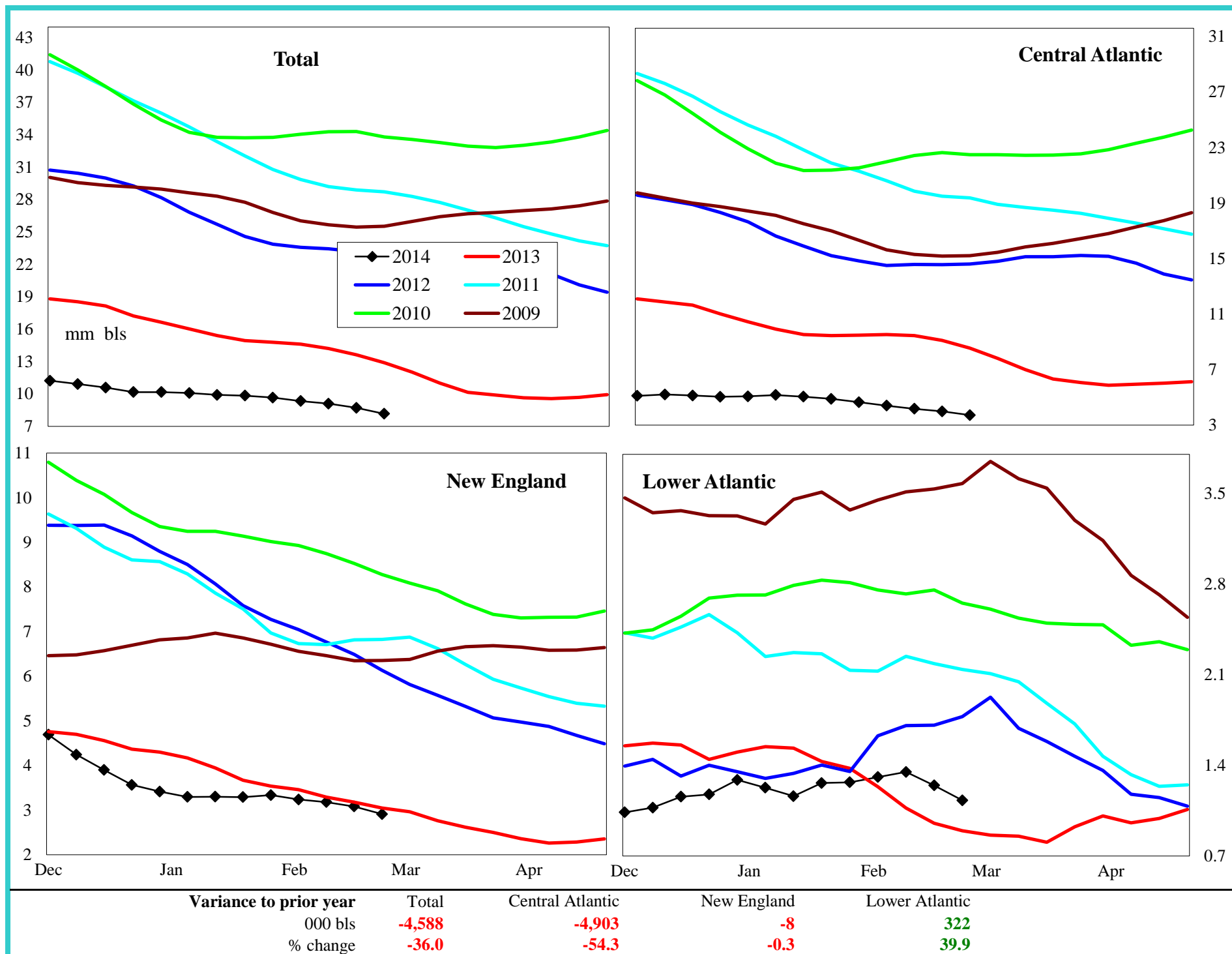
PADD 1 Low Sulfur Distillate Stocks by Region



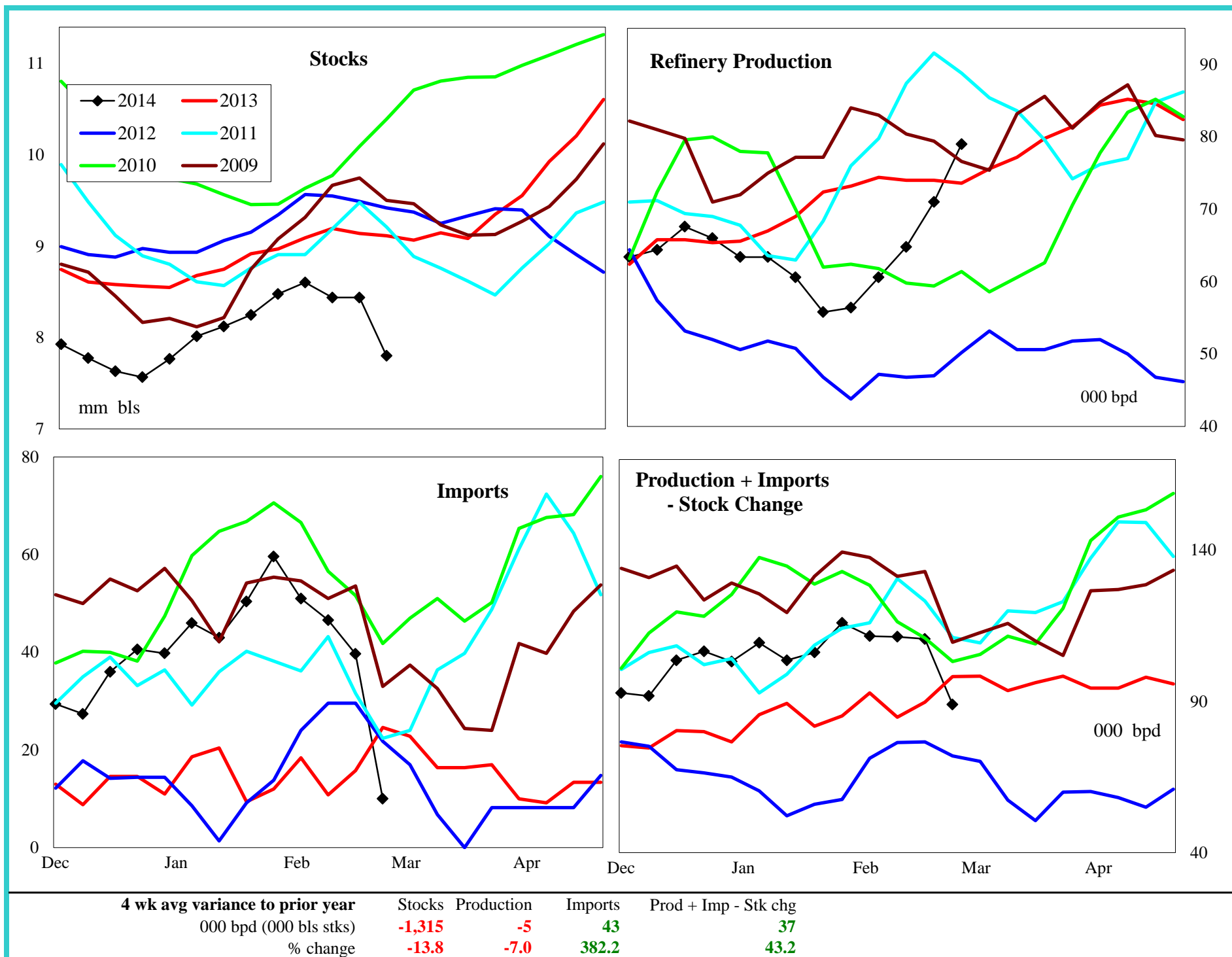
PADD 1 High Sulfur Distillate Supply



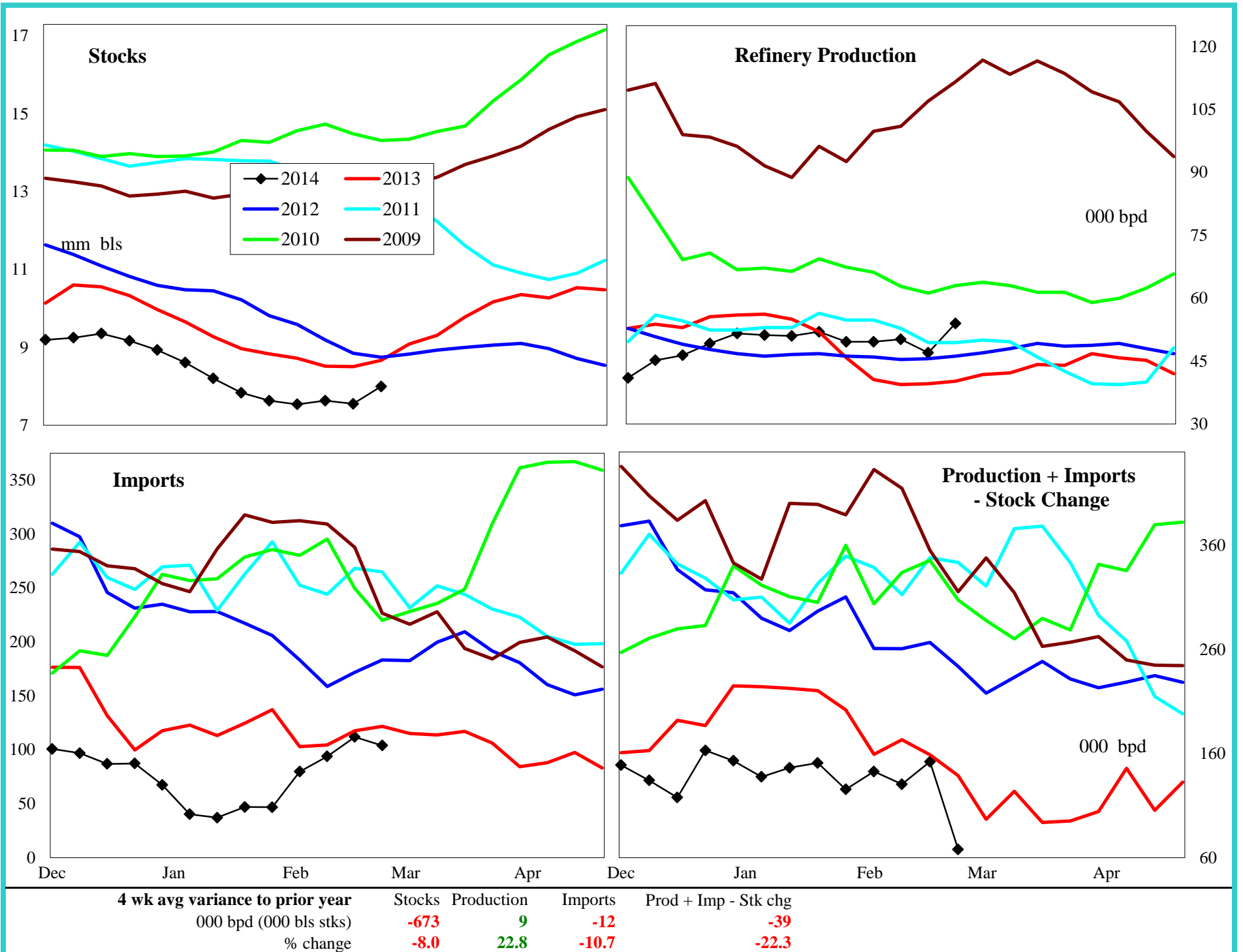
PADD 1 High Sulfur Distillate Stocks by Region



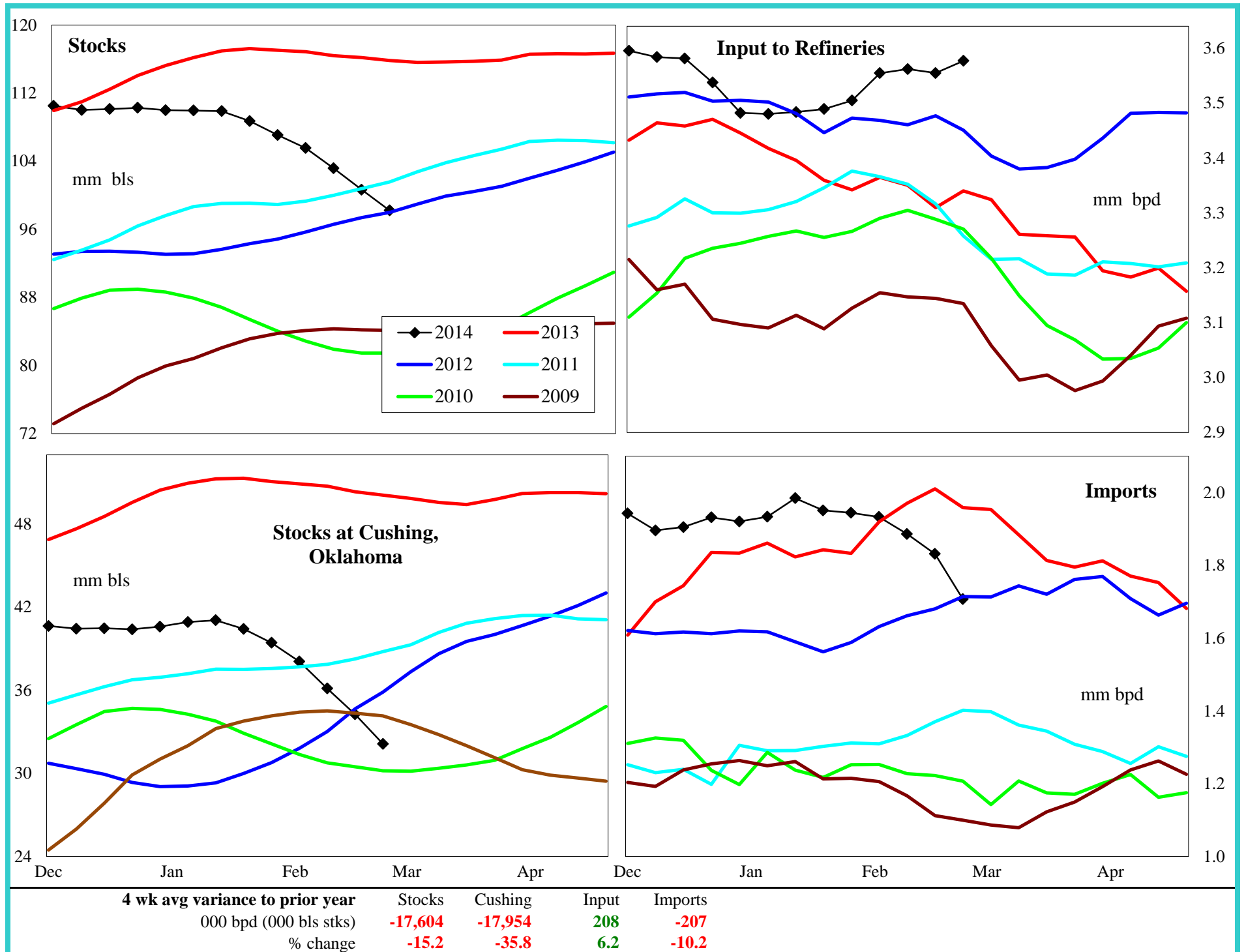
PADD 1 Jet Fuel Supply



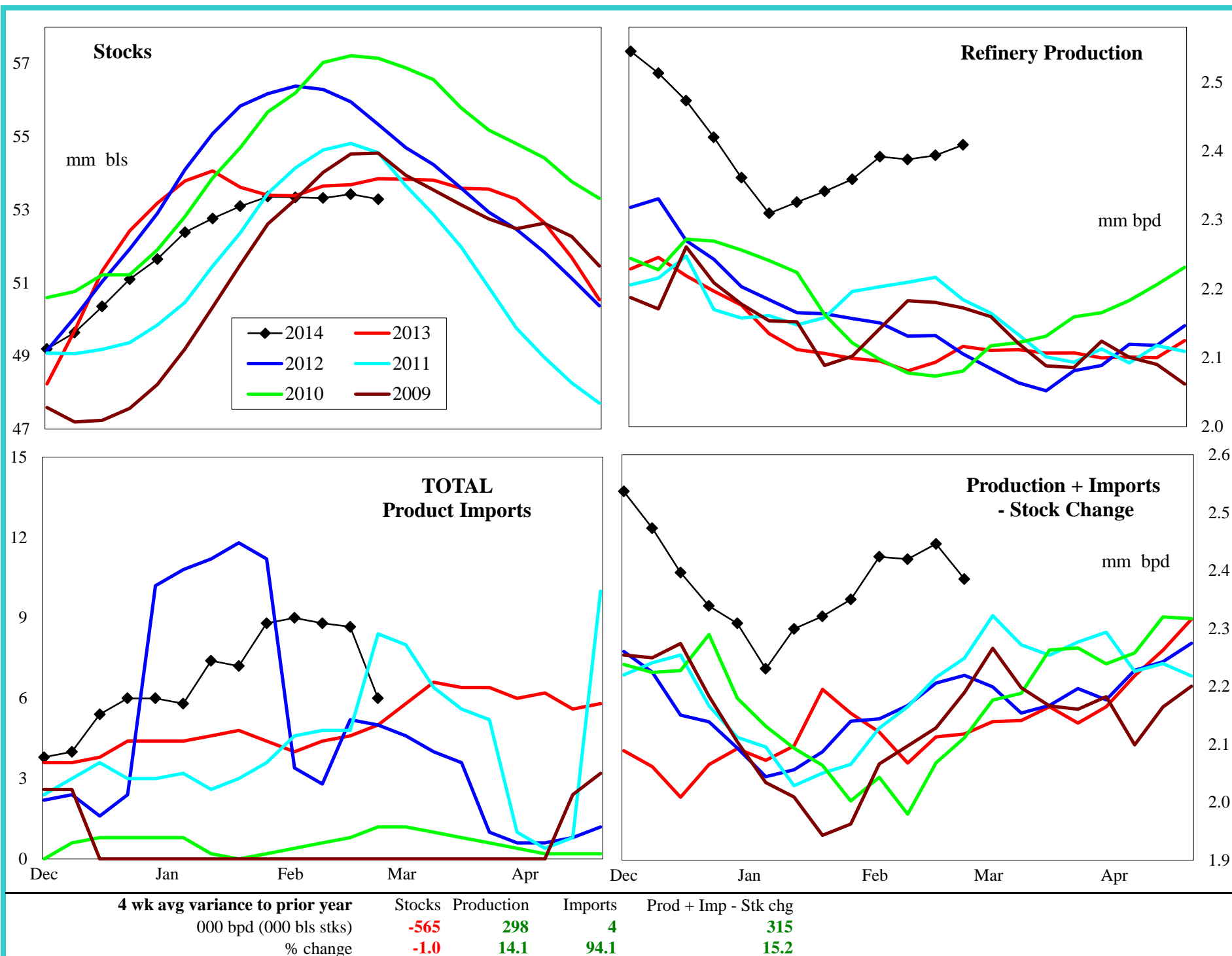
PADD 1 Residual Fuel Oil Supply



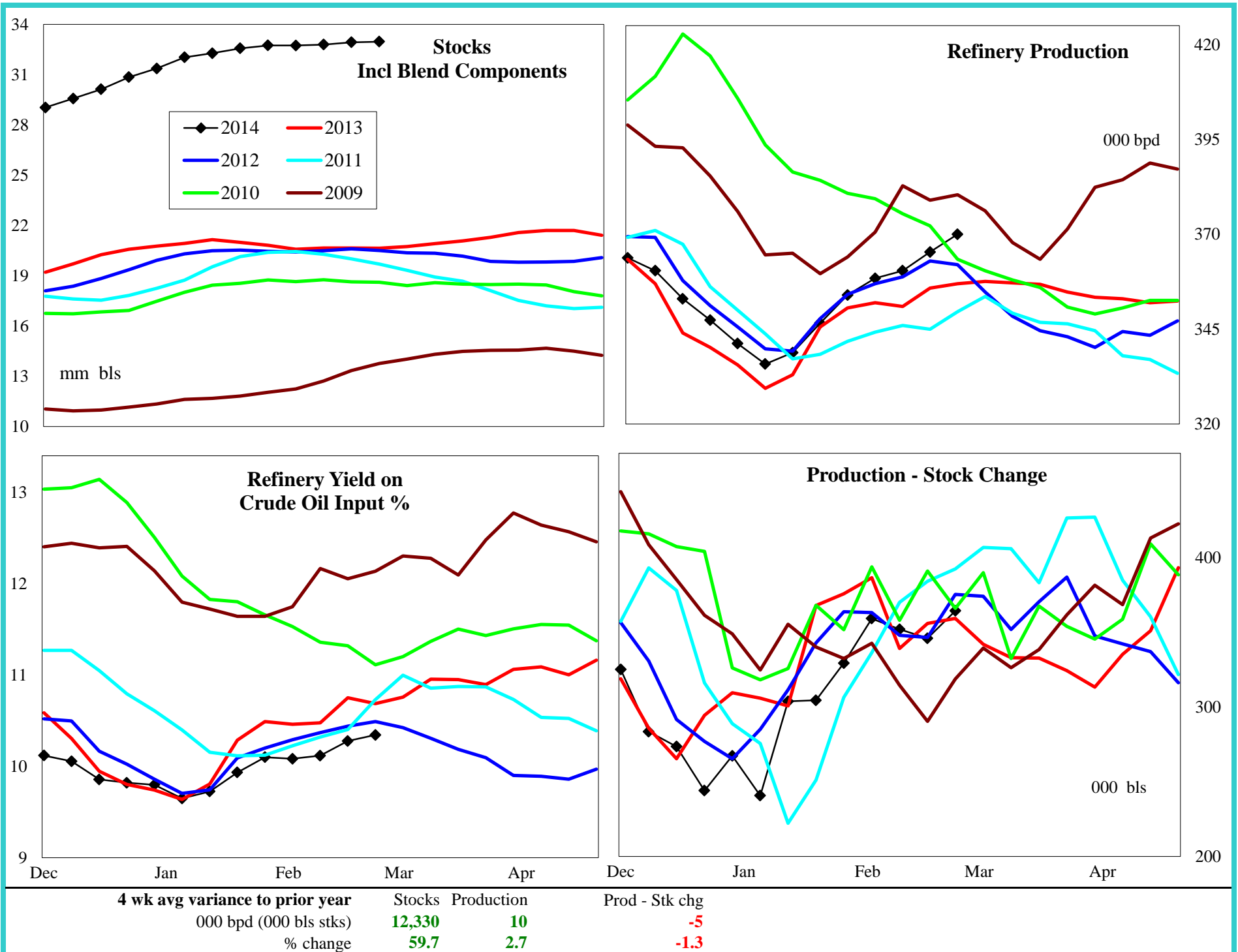
PADD 2 Crude Oil Supply and Refining



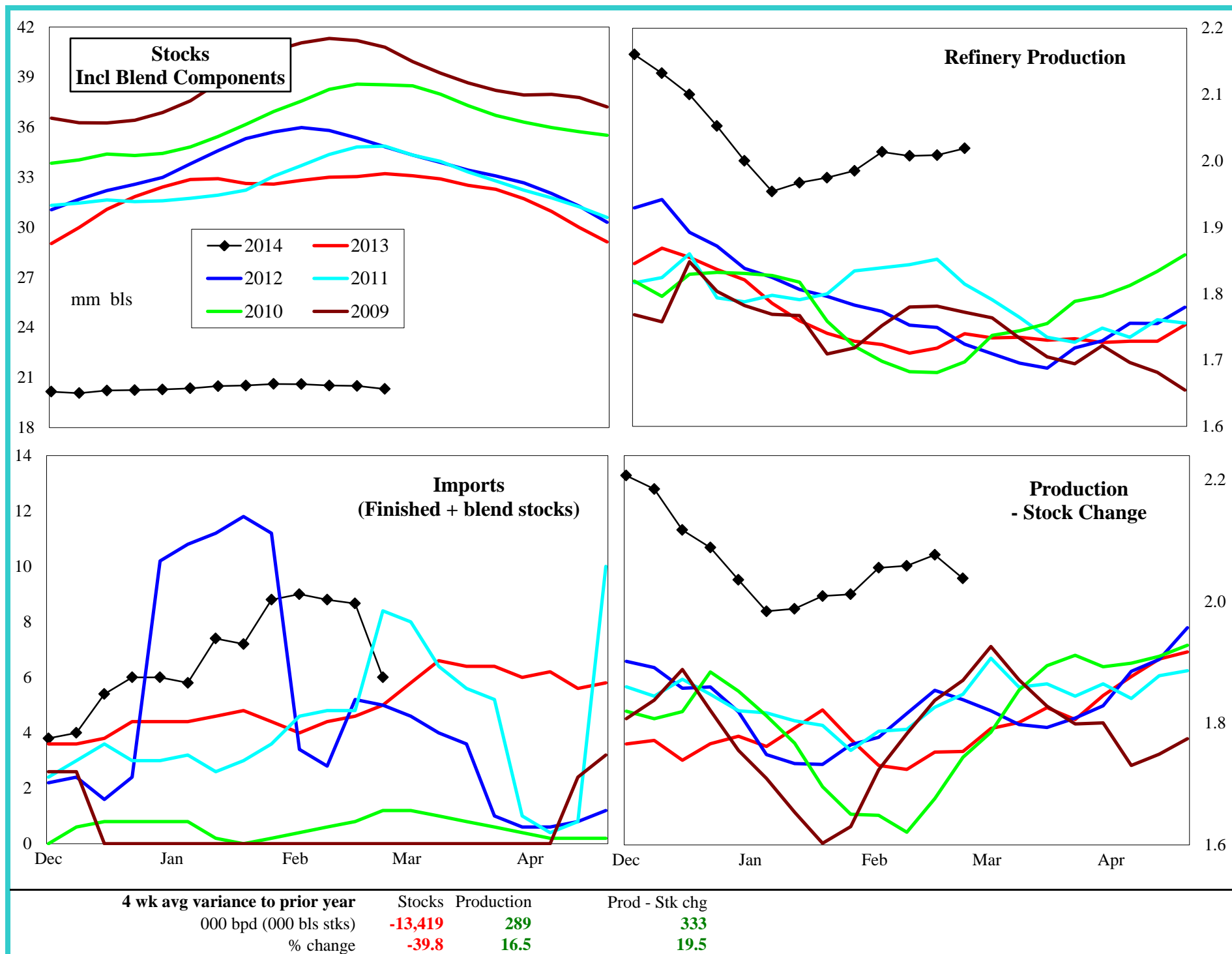
PADD 2 Gasoline Supply



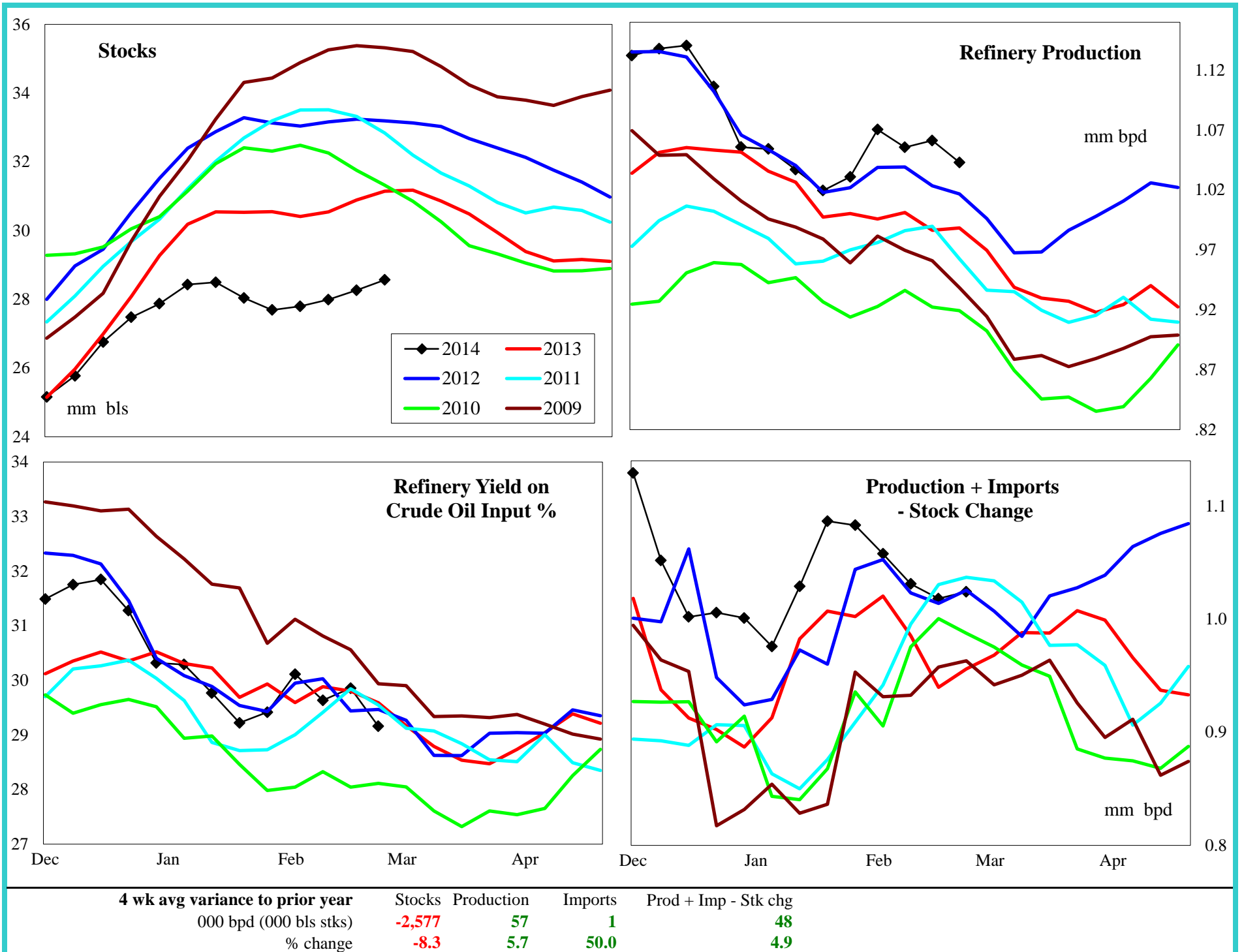
PADD 2 Reformulated Gasoline Supply



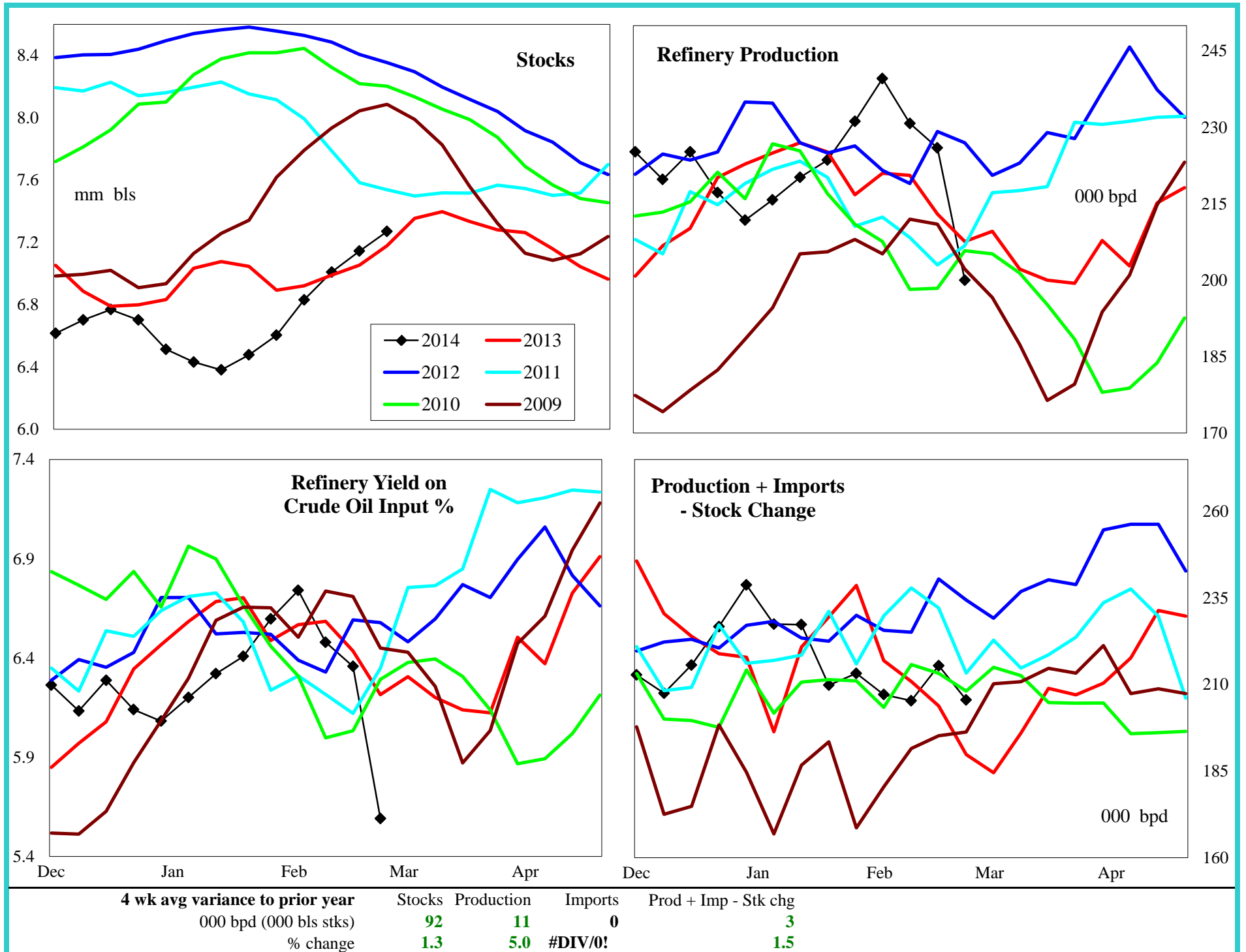
PADD 2 Conventional Gasoline Supply



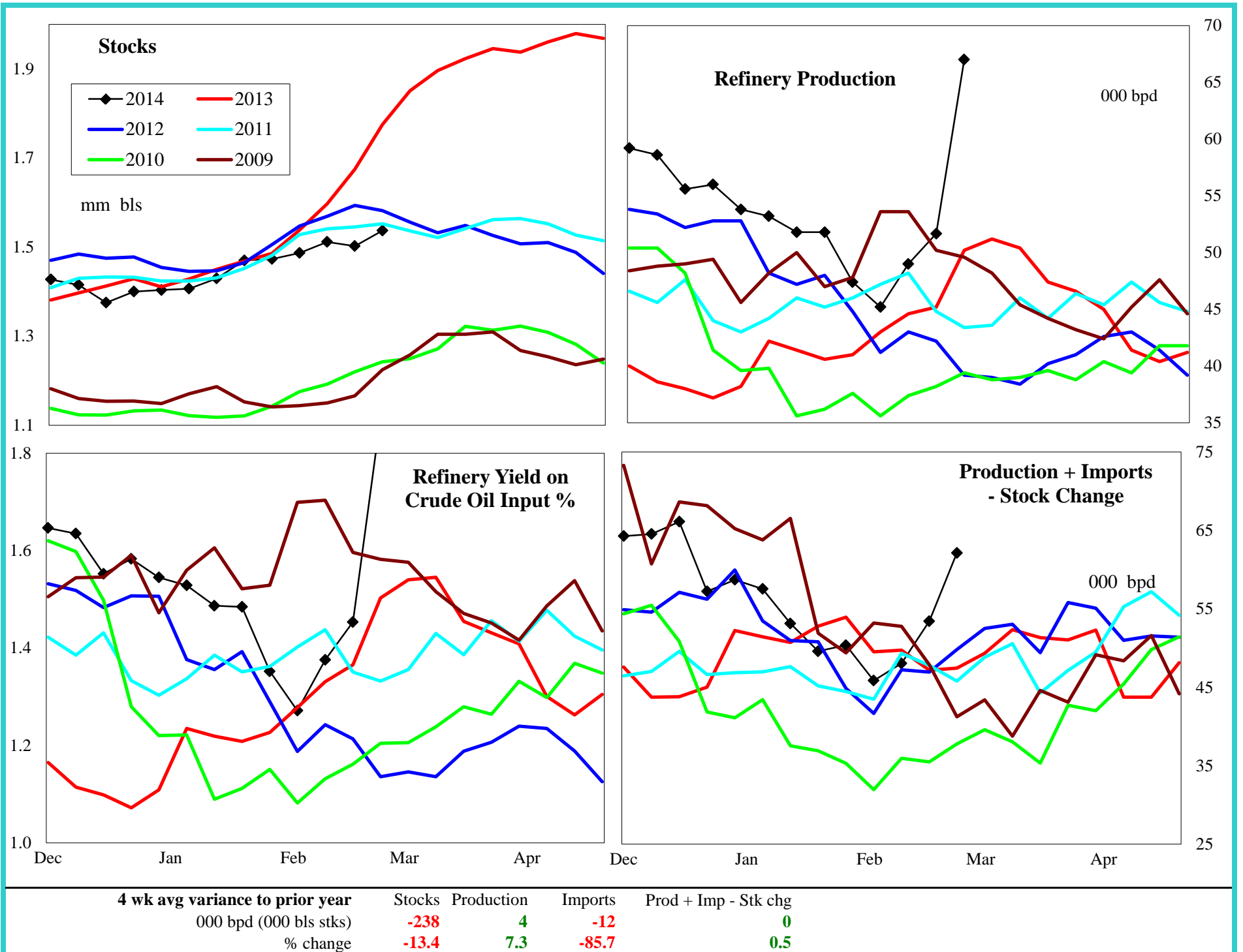
PADD 2 Distillate Supply



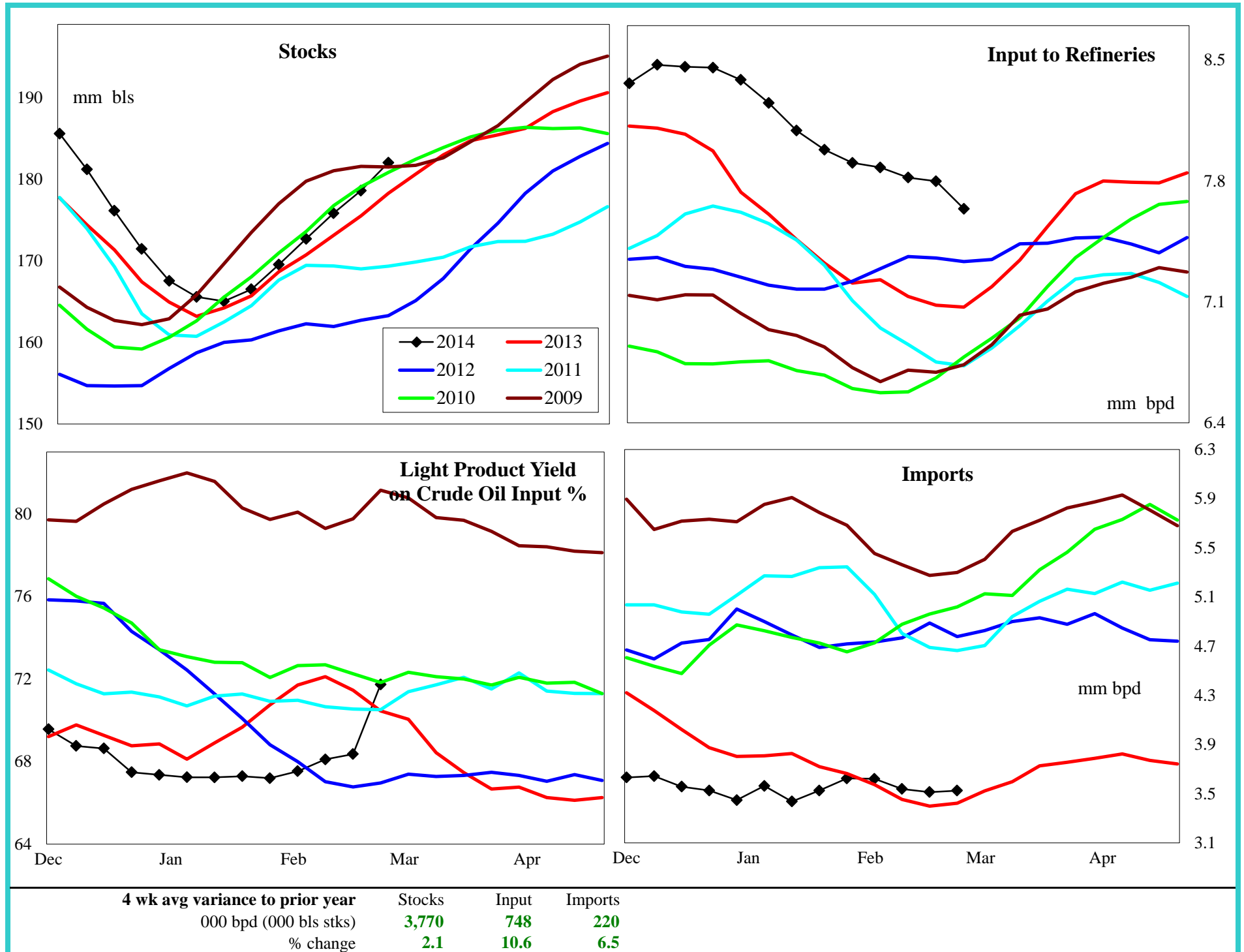
PADD 2 Jet Fuel Supply



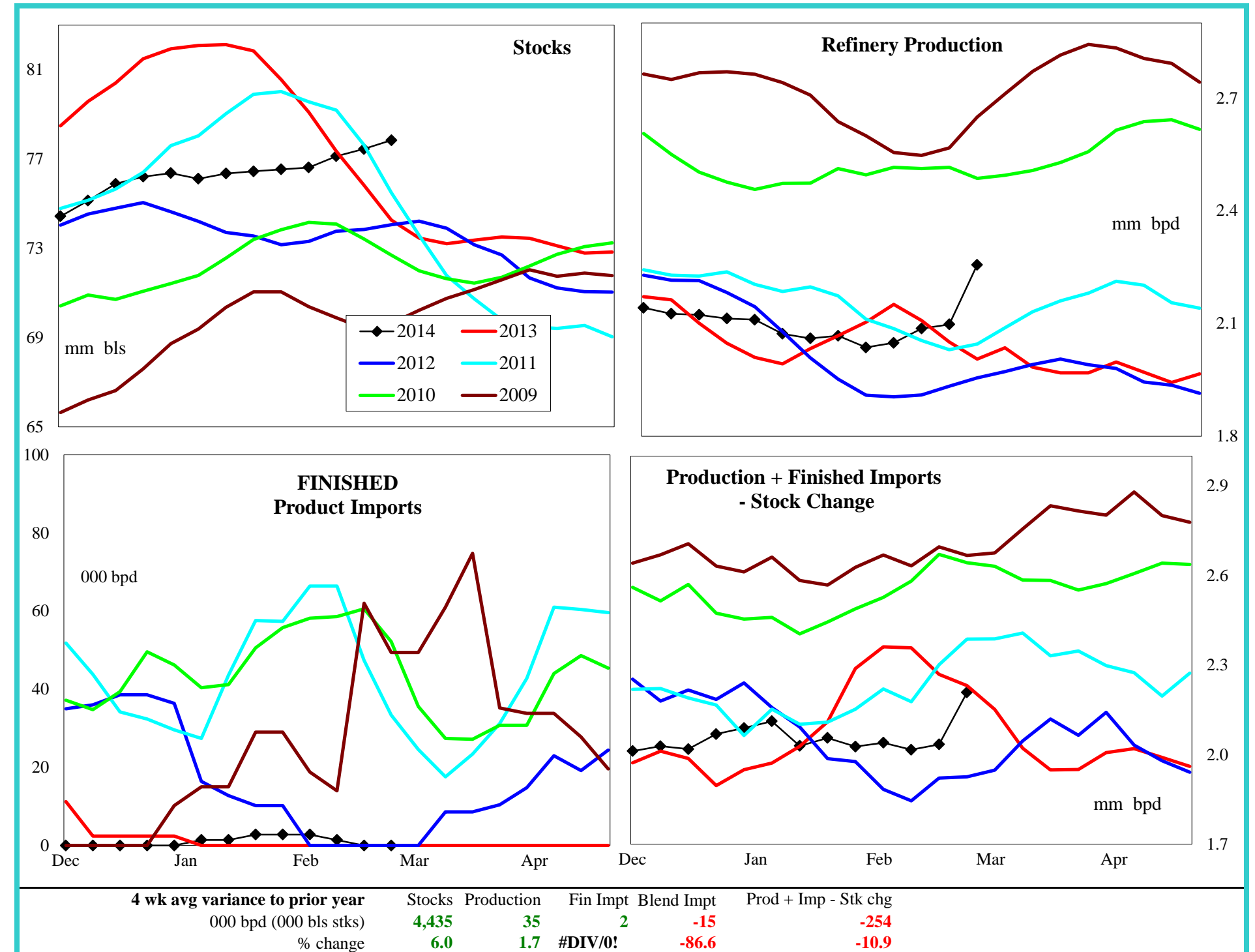
PADD 2 Residual Fuel Oil Supply



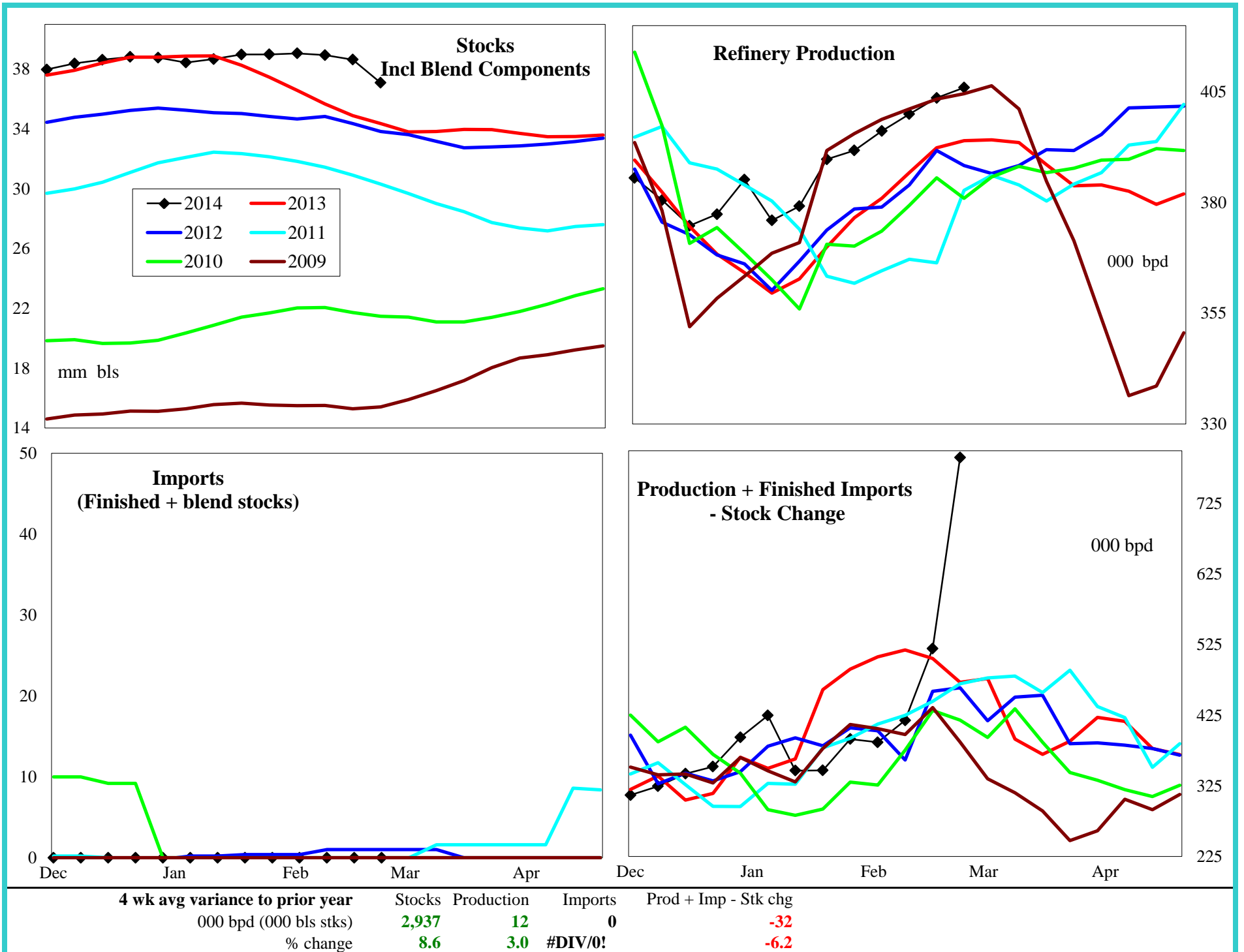
PADD 3 Crude Oil Supply and Refining



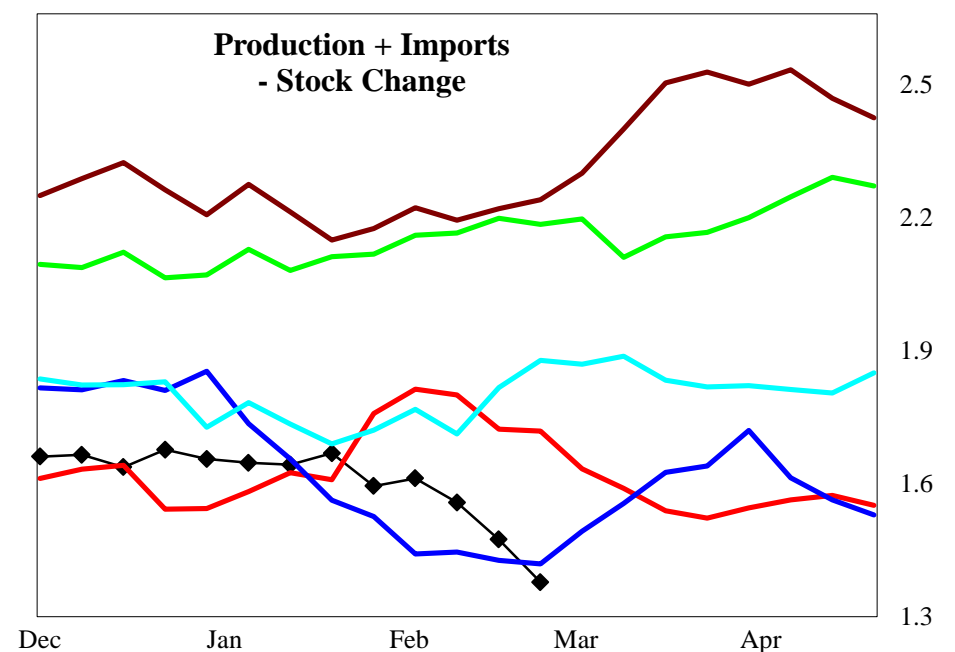
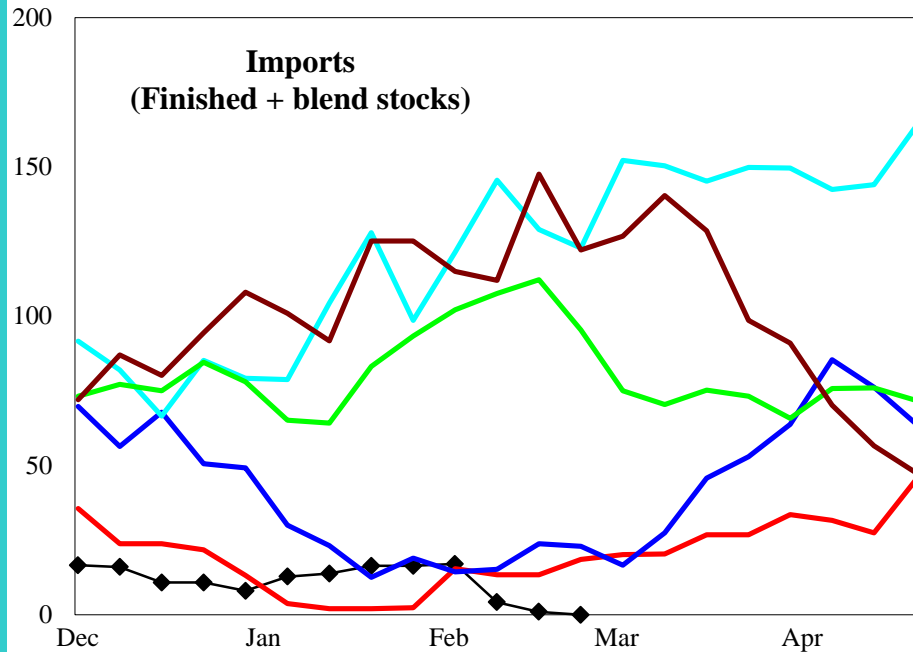
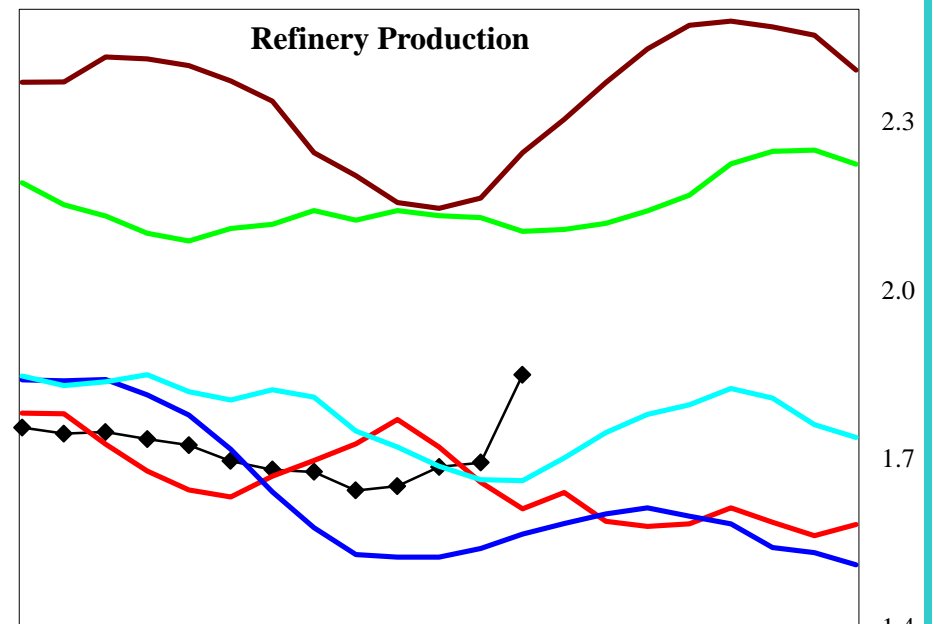
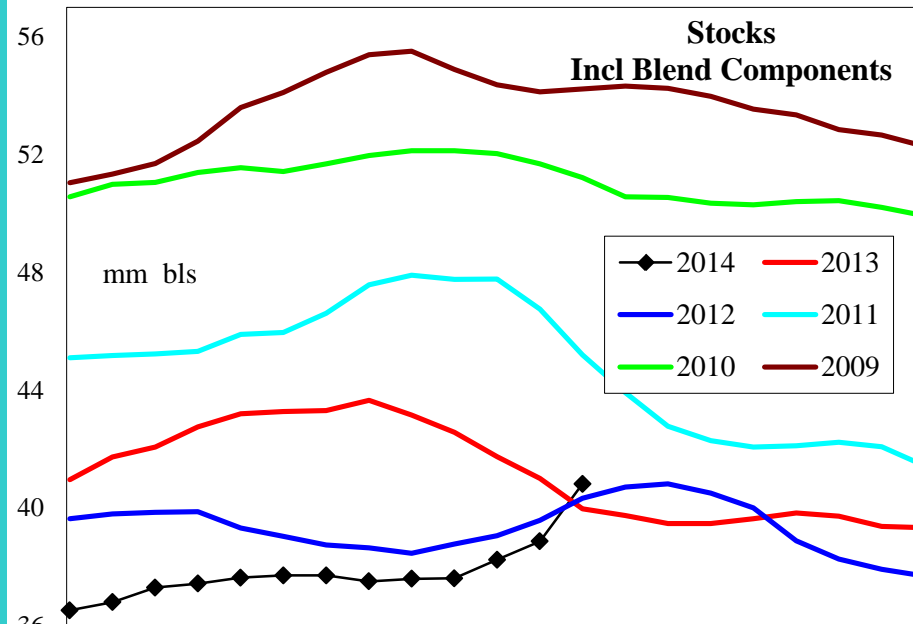
PADD 3 Gasoline Supply



PADD 3 Reformulated Gasoline Supply



PADD 3 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

1,490

3.8

Production

23

1.4

Imports

-13

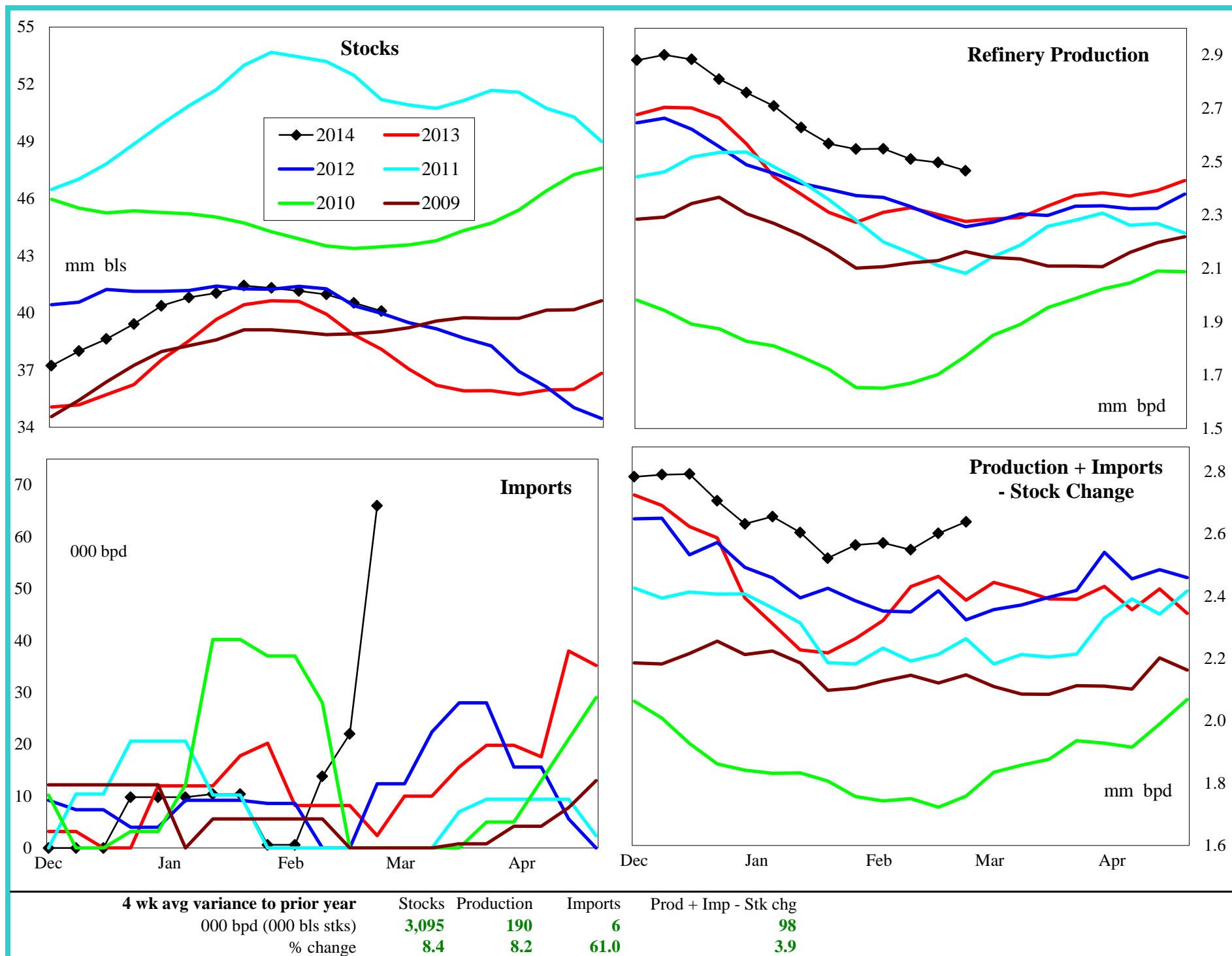
-76.1

Prod + Imp - Stk chg

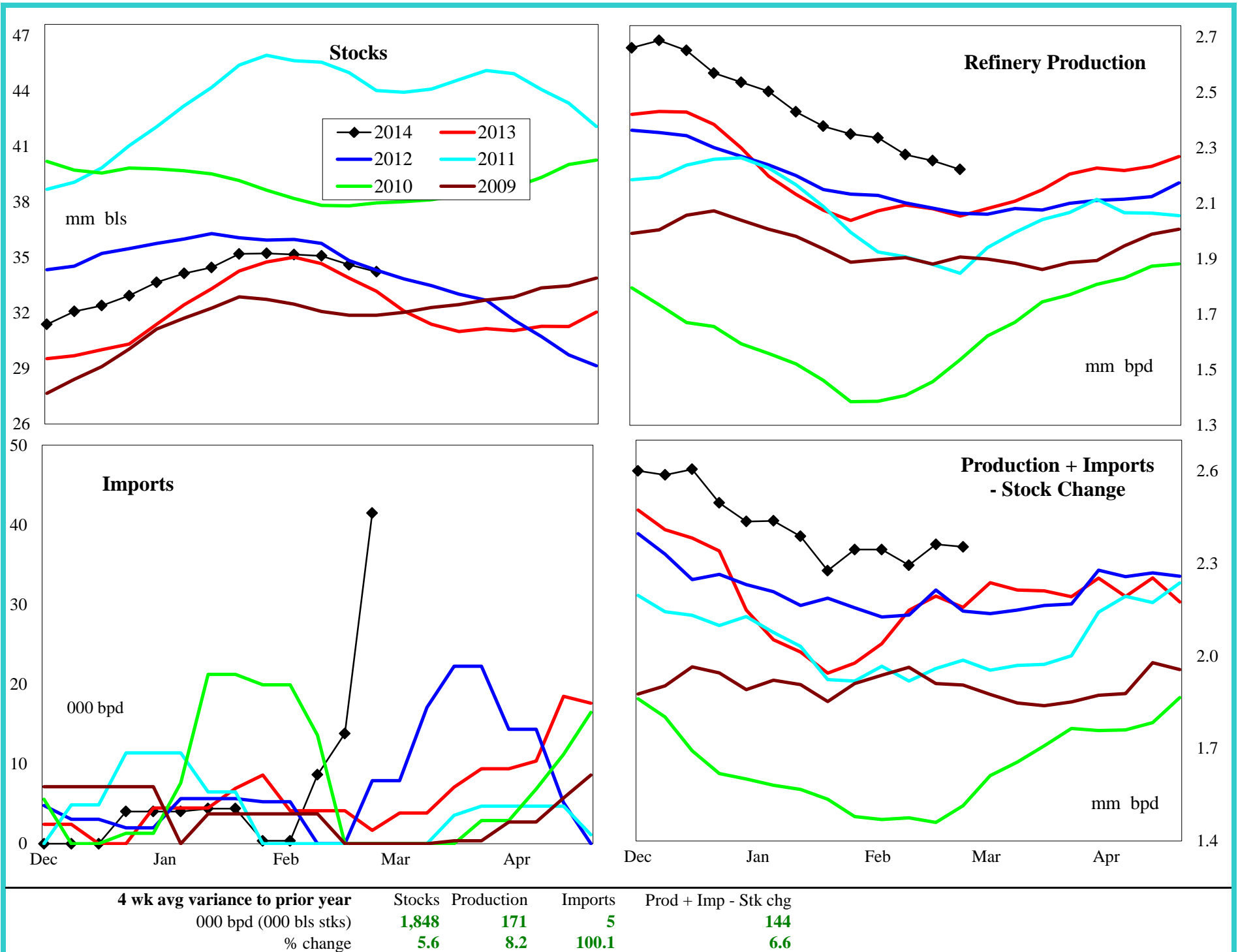
-224

-12.3

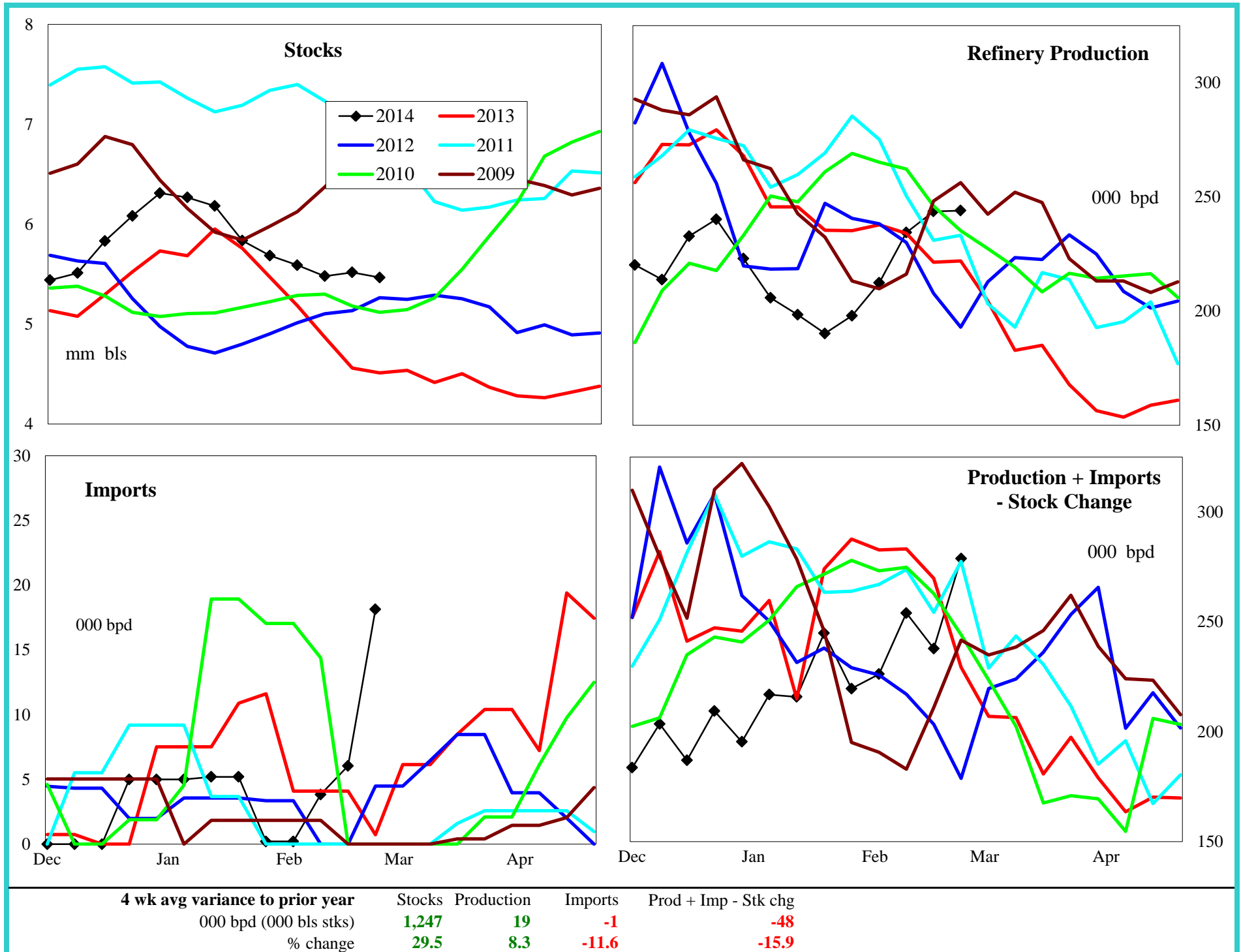
PADD 3 Distillate Supply



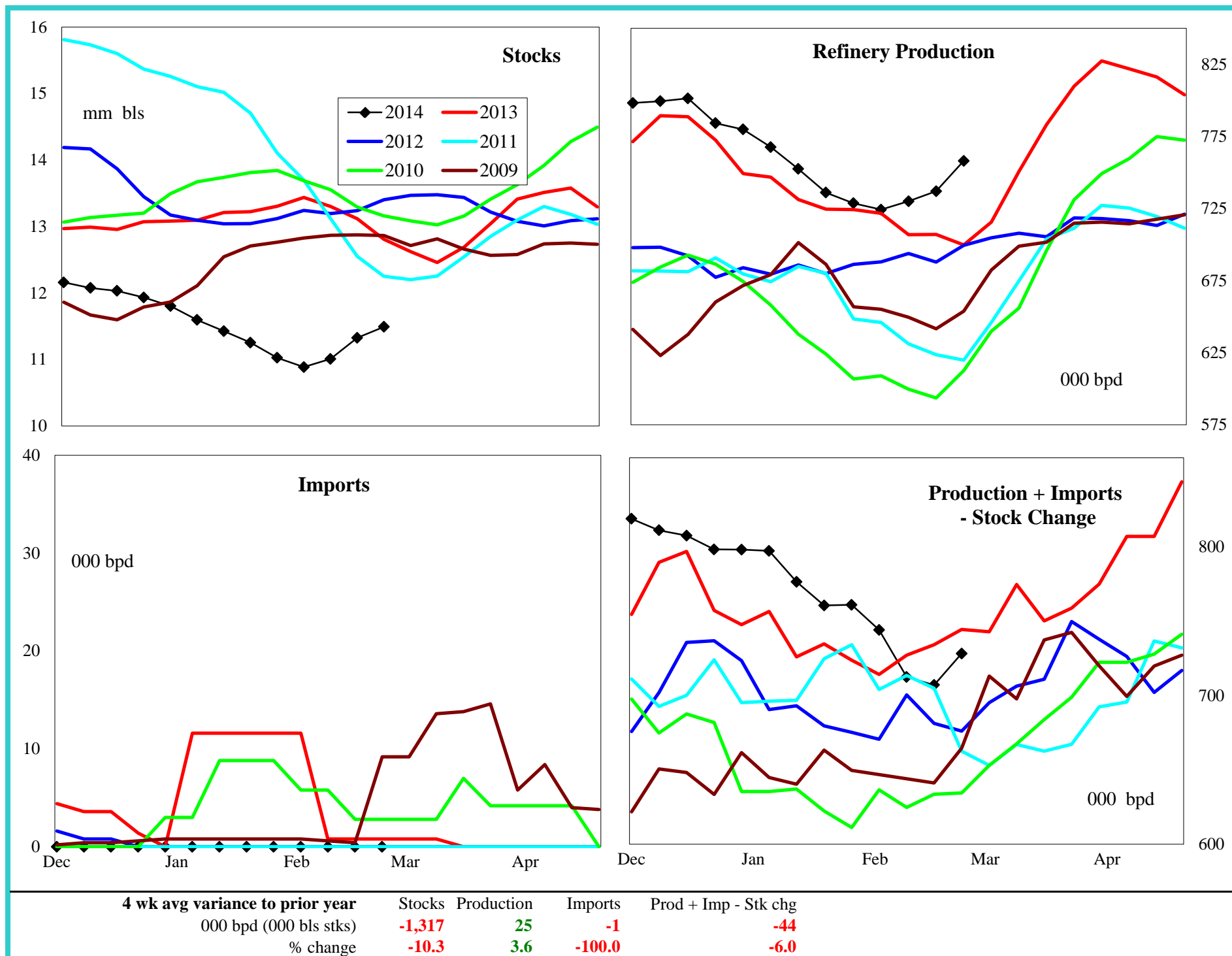
PADD 3 Low Sulfur Distillate Supply



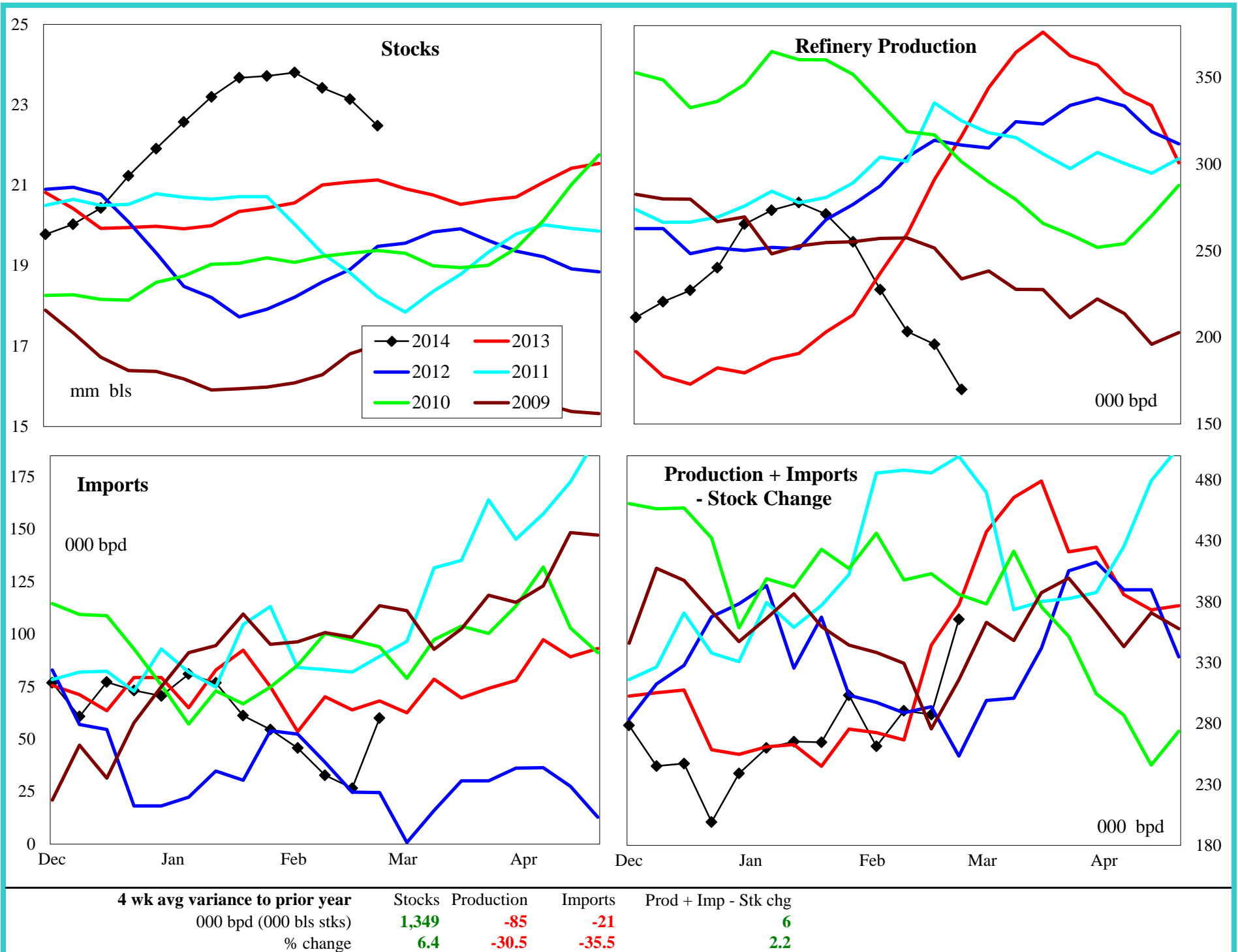
PADD 3 High Sulfur Distillate Supply



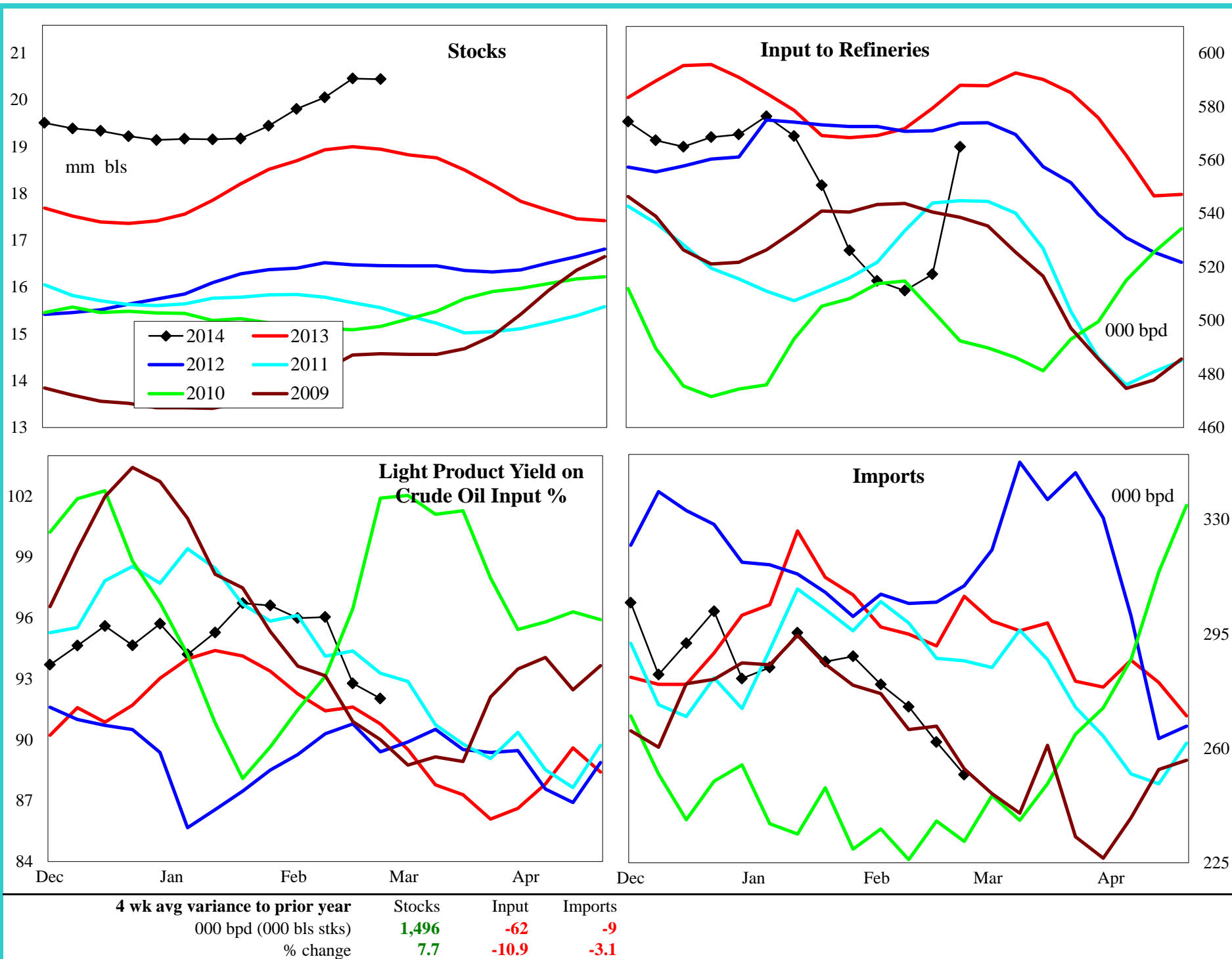
PADD 3 Jet Fuel Supply



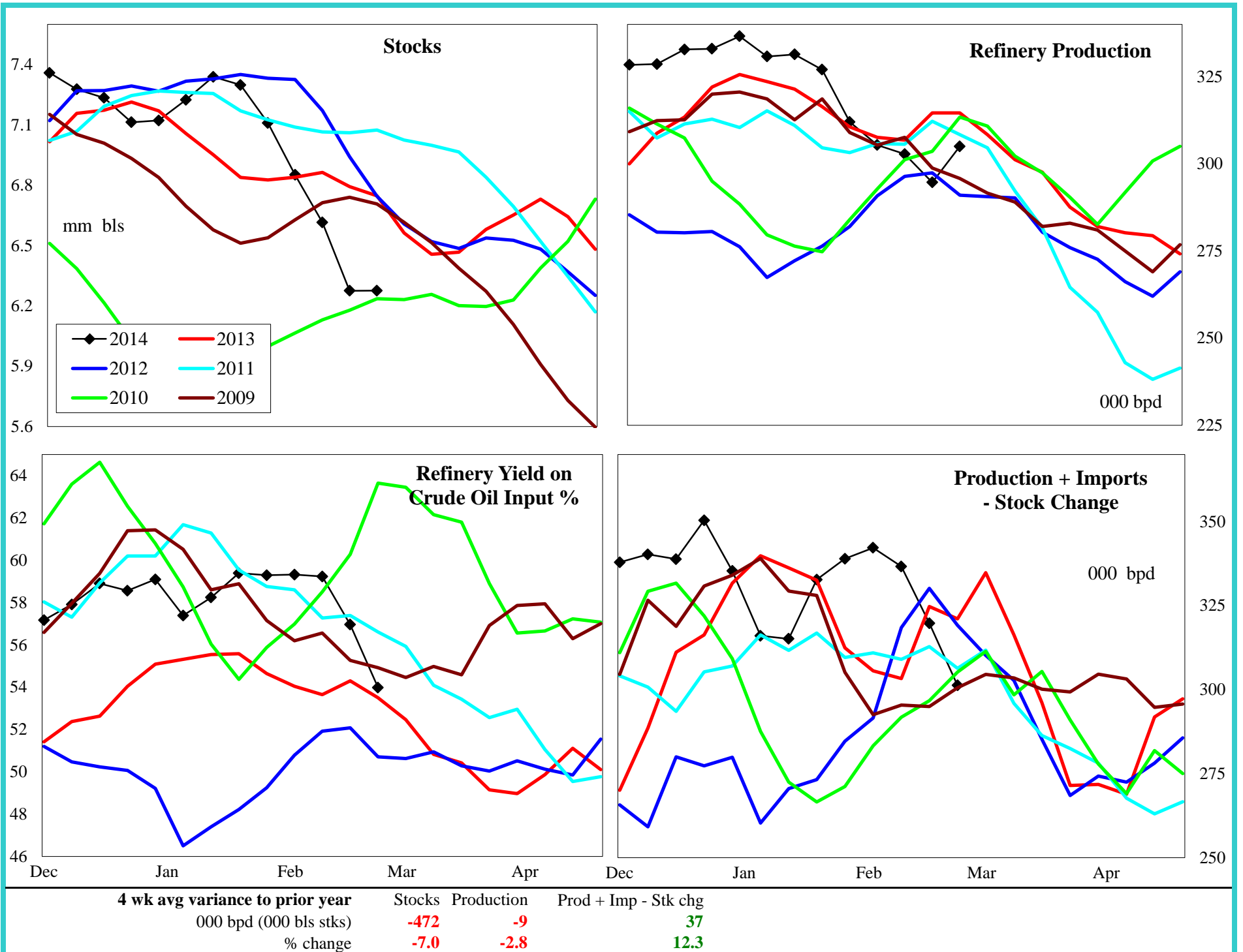
PADD 3 Residual Fuel Oil Supply



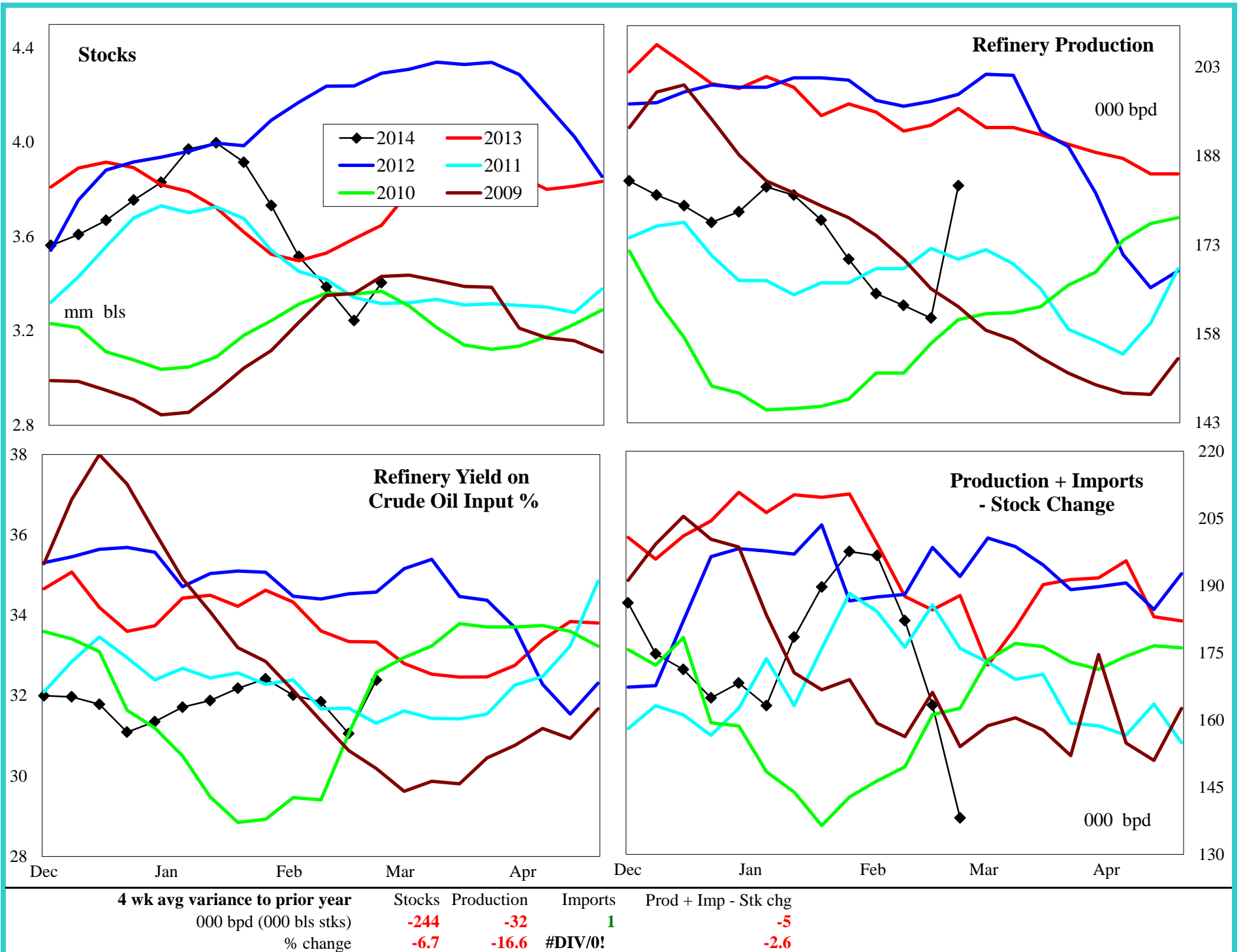
PADD 4 Crude Oil Supply and Refining



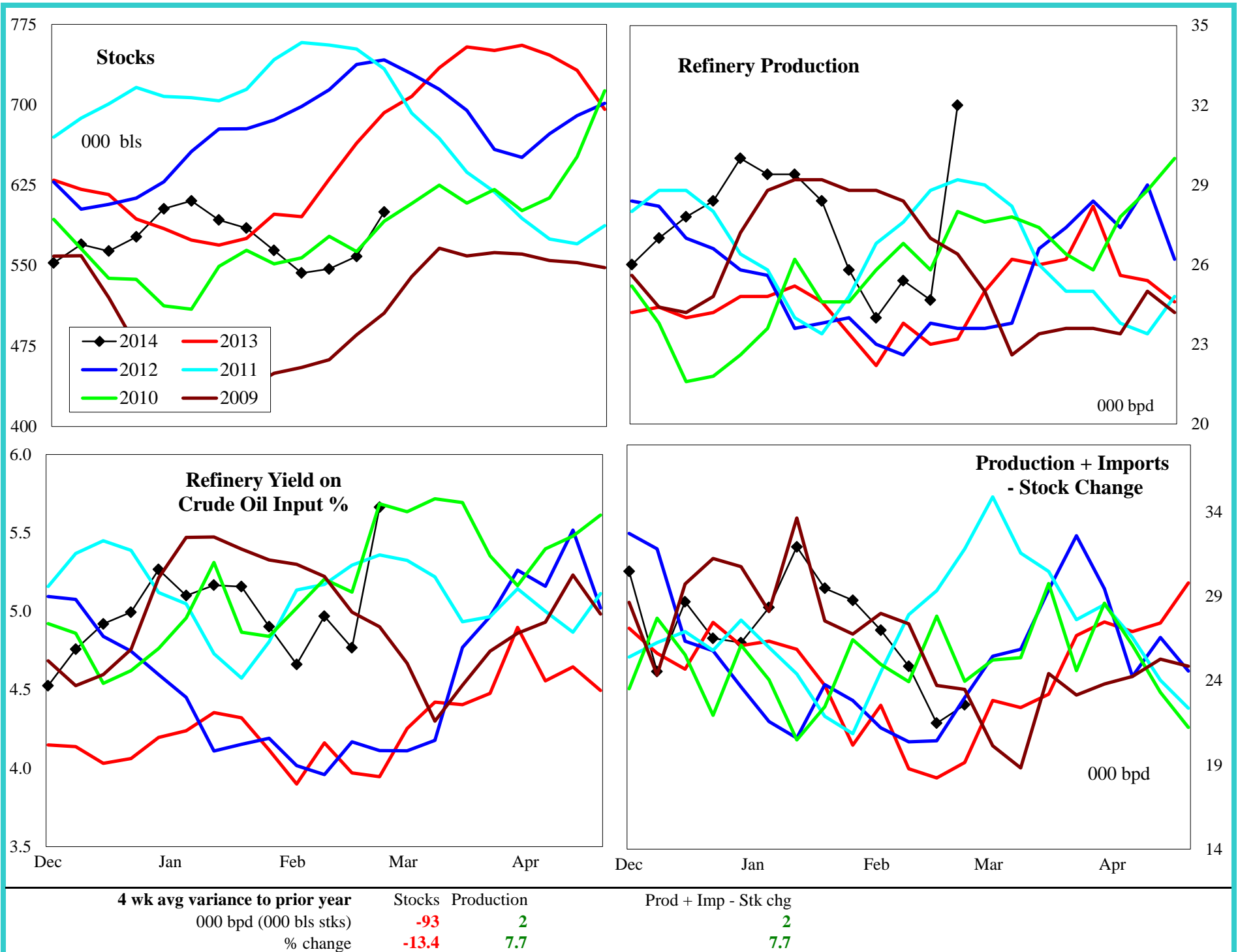
PADD 4 Gasoline Supply



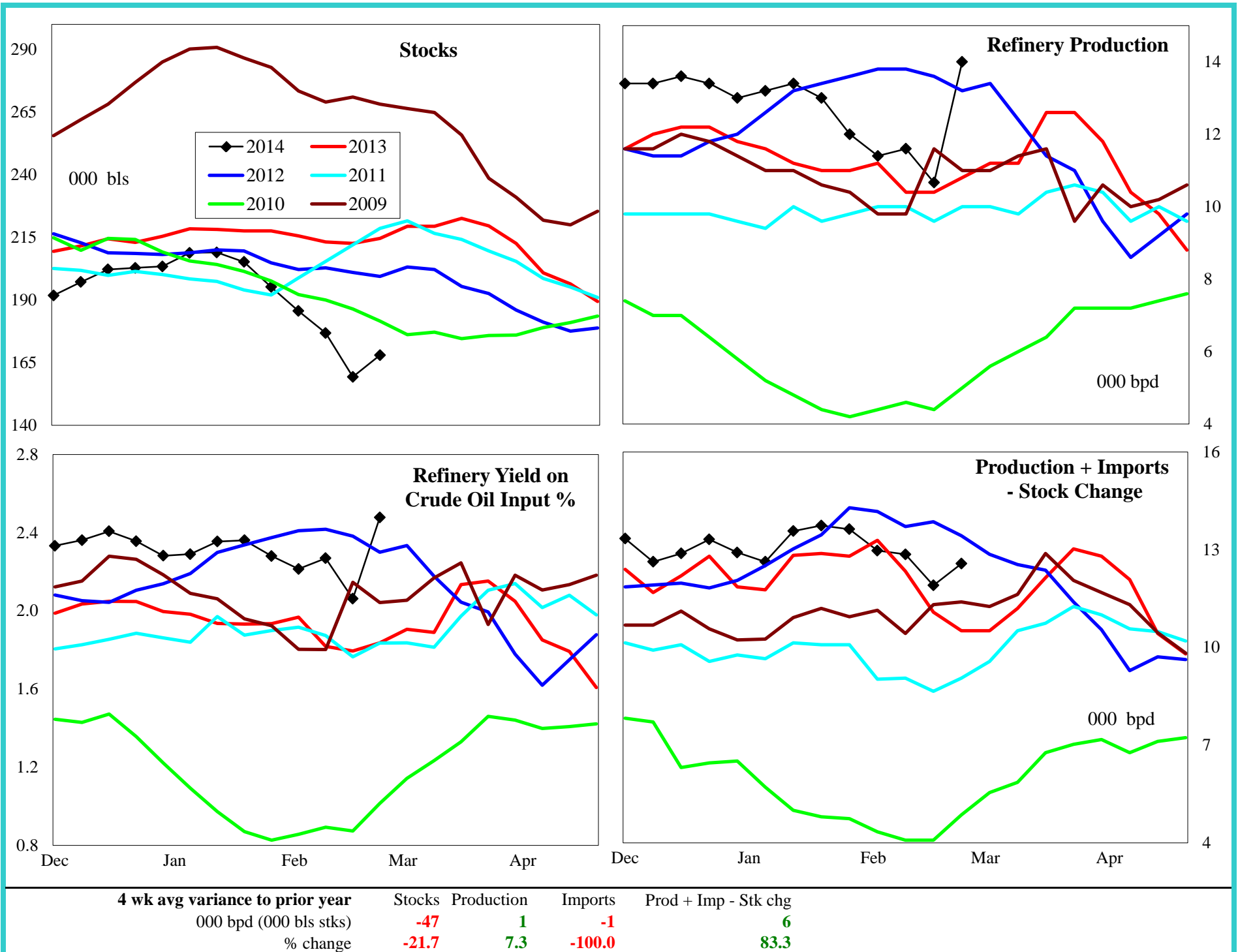
PADD 4 Distillate Supply



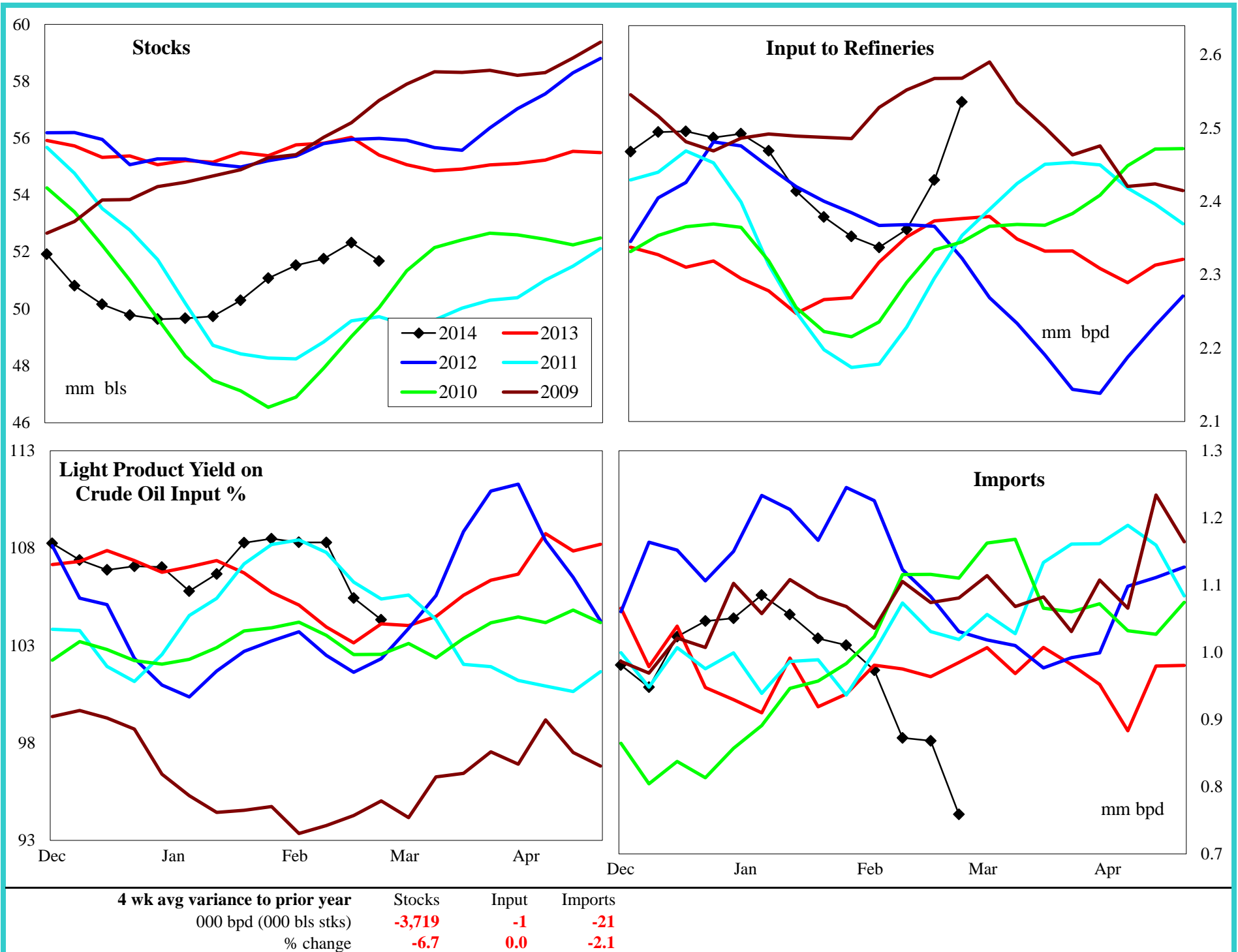
PADD 4 Jet Fuel Supply



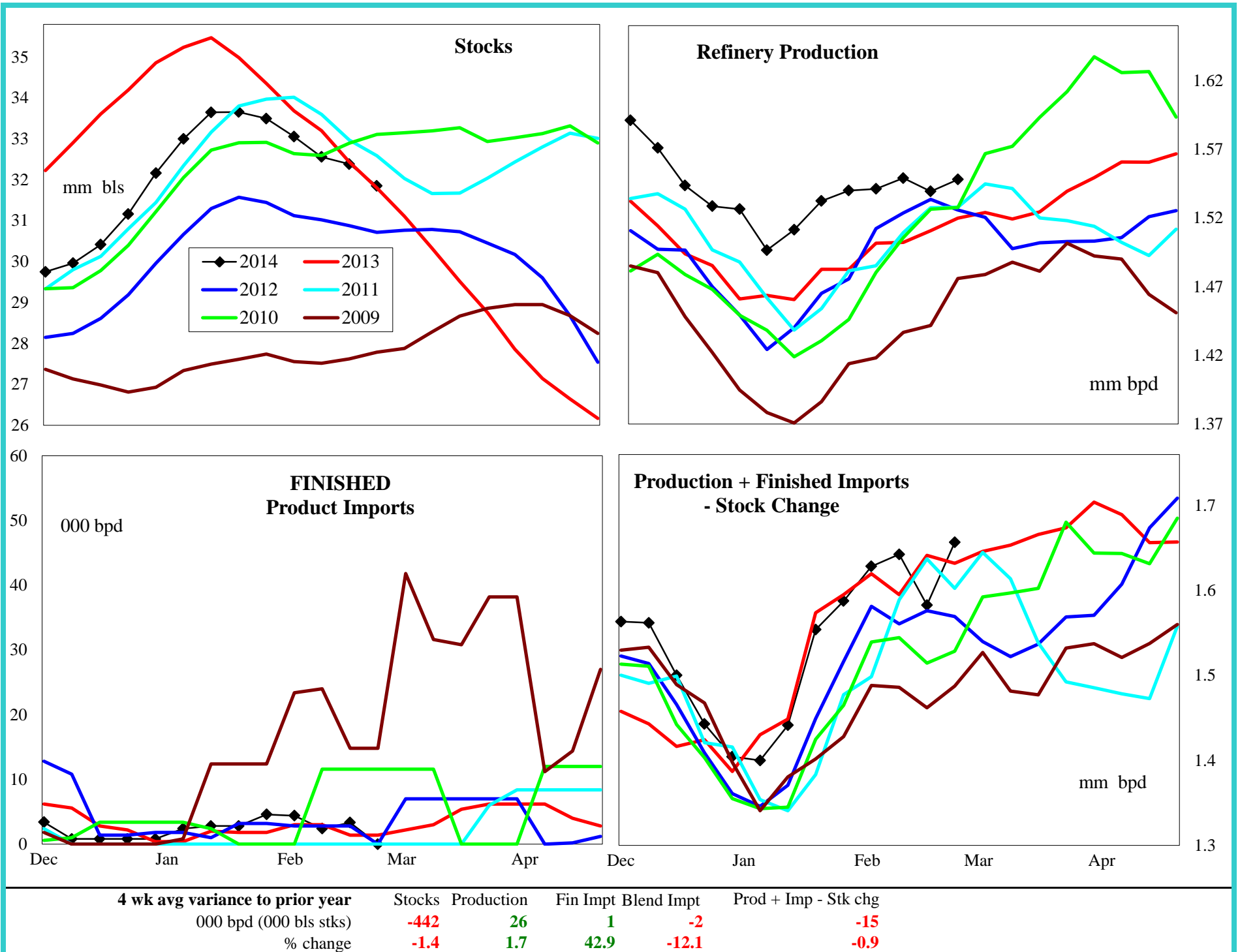
PADD 4 Residual Fuel Oil Supply



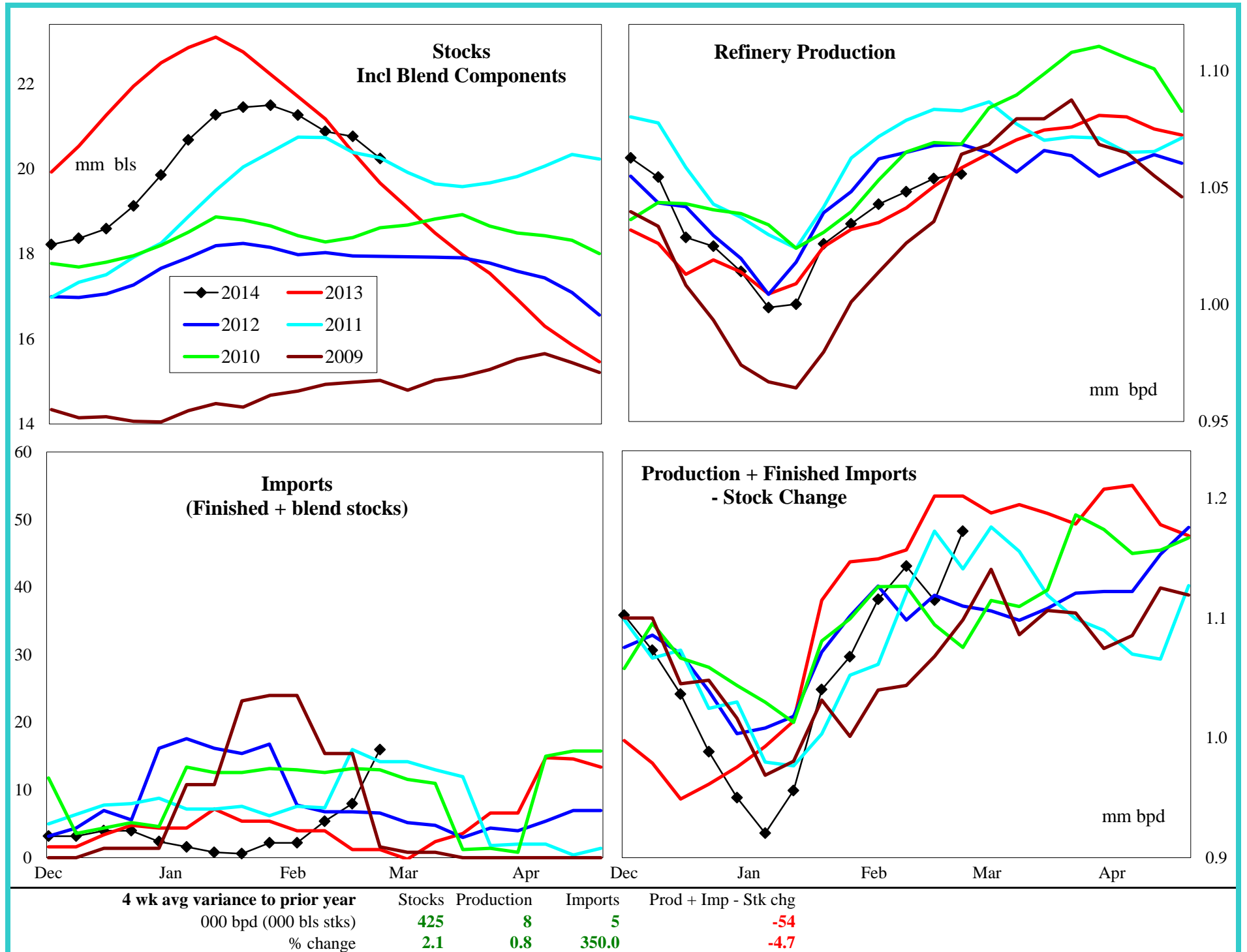
PADD 5 Crude Oil Supply and Refining



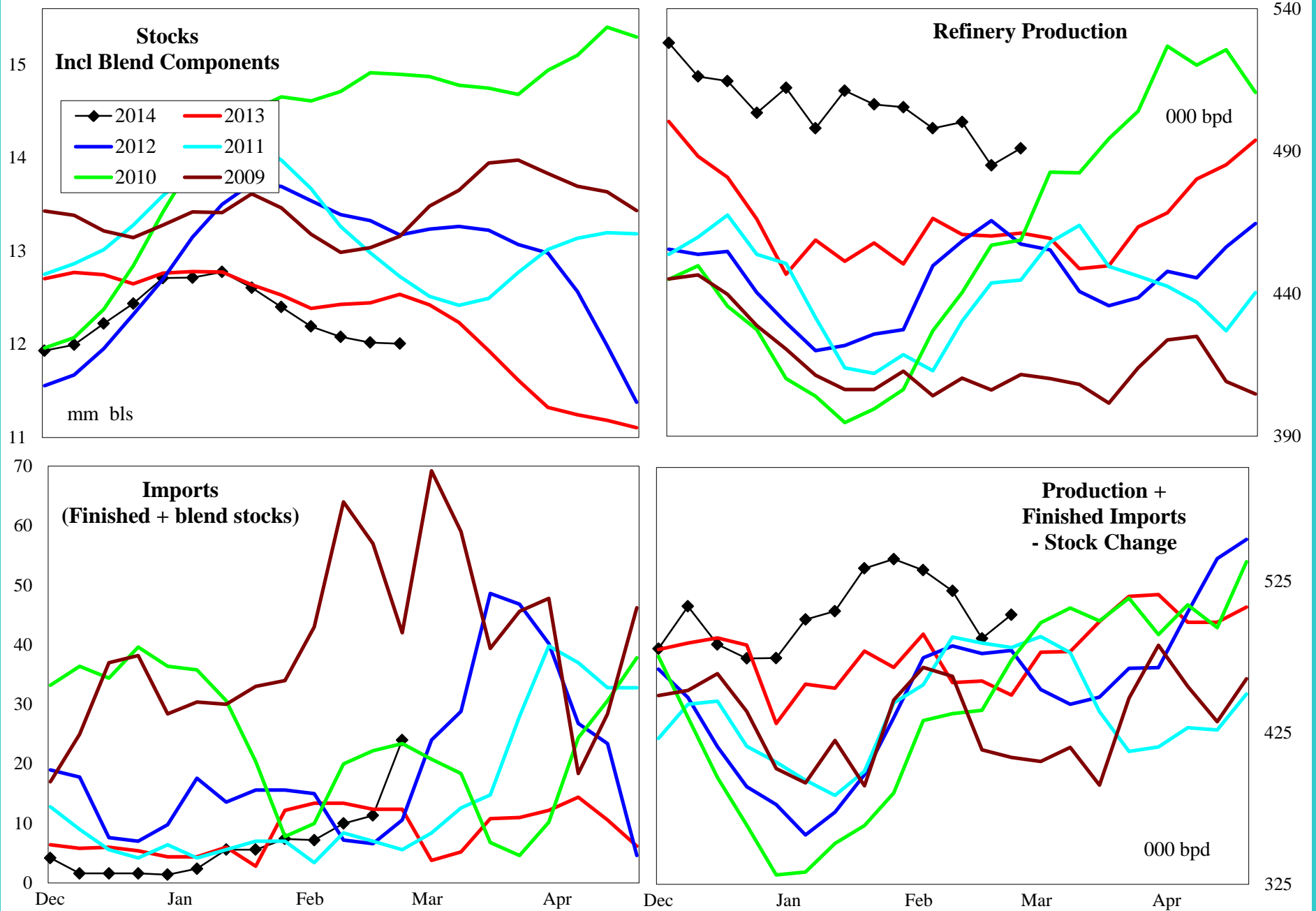
PADD 5 Gasoline Supply



PADD 5 Reformulated Gasoline Supply



PADD 5 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-867

-6.8

Production

18

3.7

Imports

-6

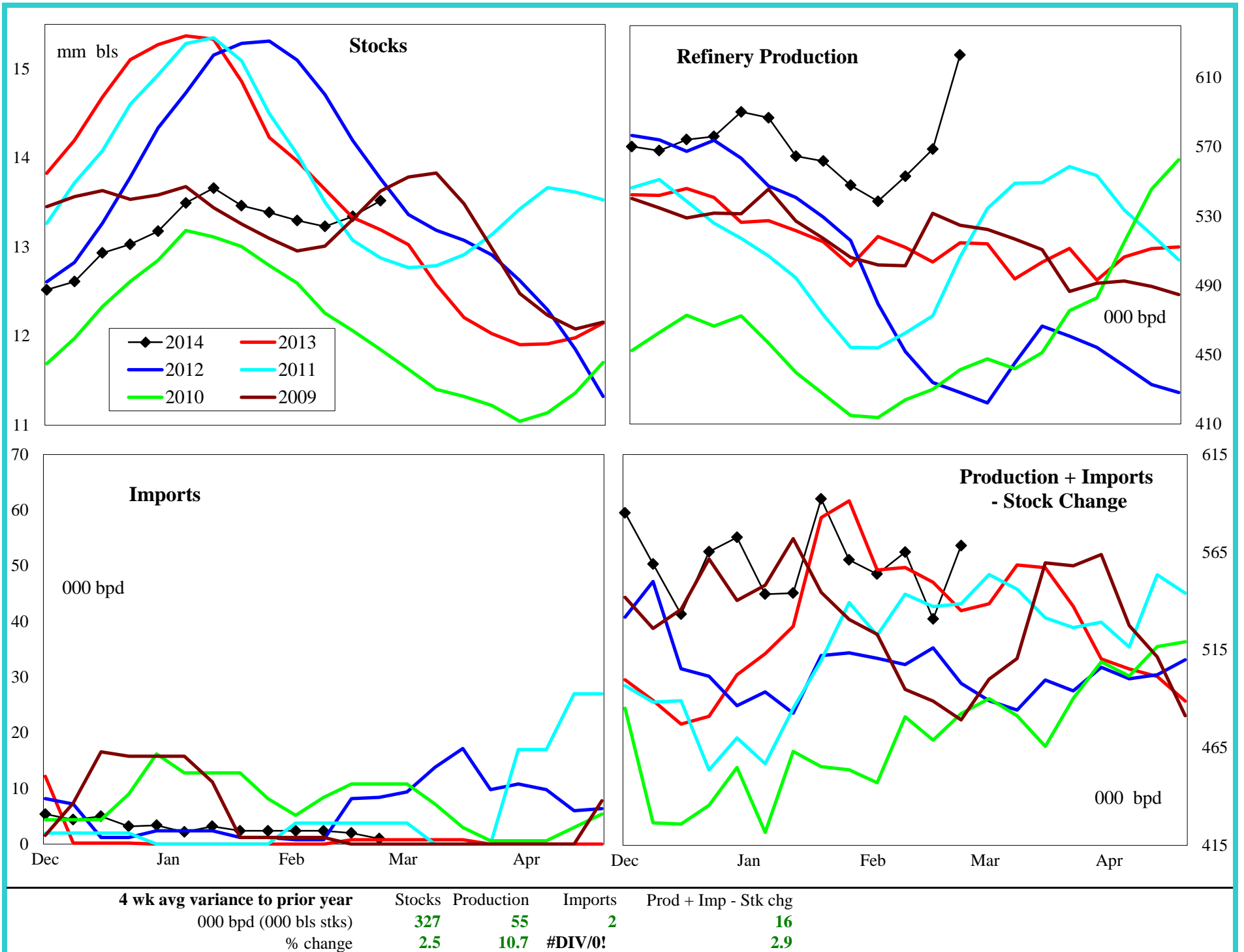
-42.4

Prod + Imp - Stk chg

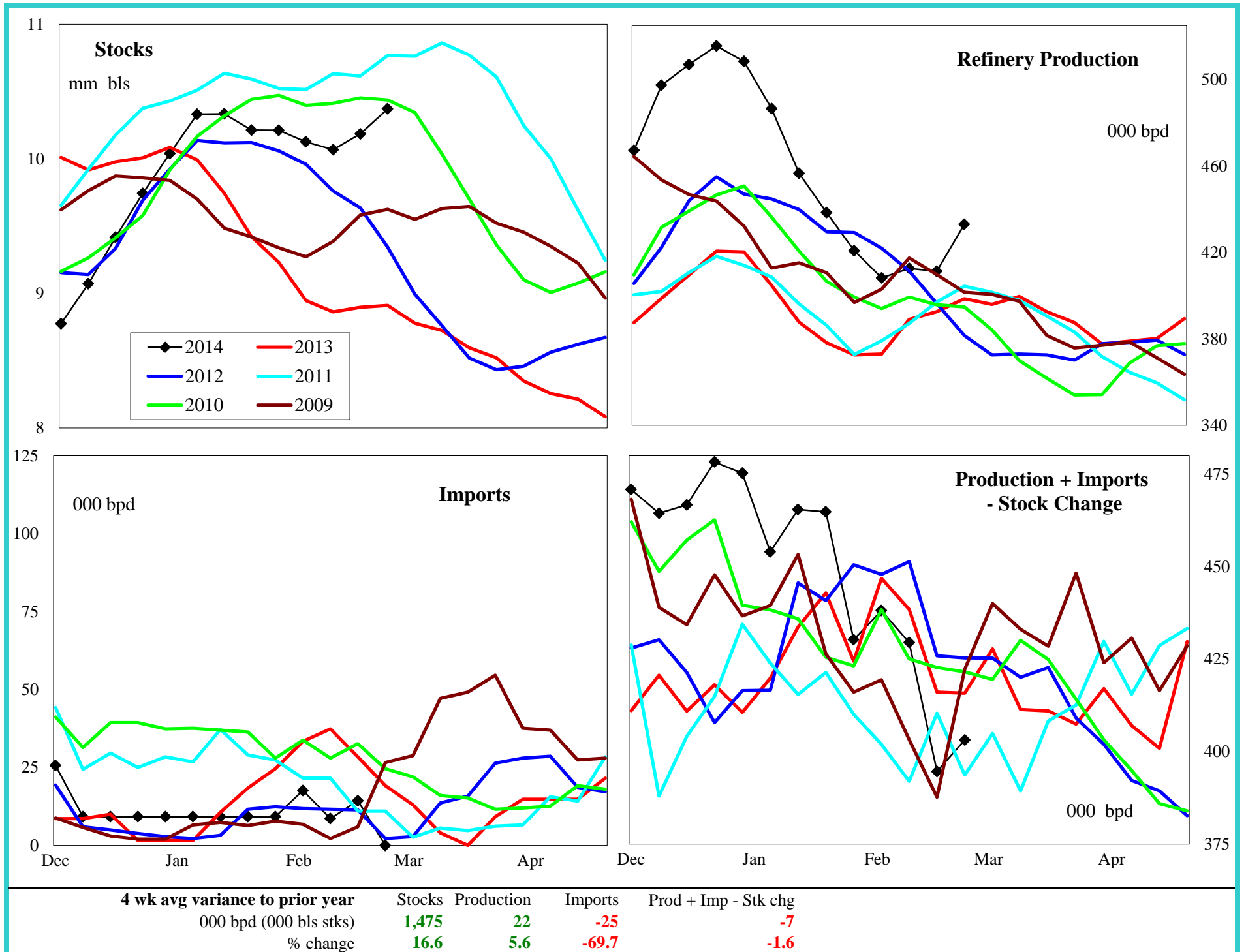
39

8.3

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

