

WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

A Fundamental Petroleum Trends Weekly Report

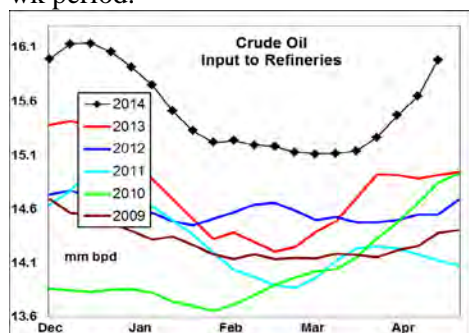
Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, April 23, 2014



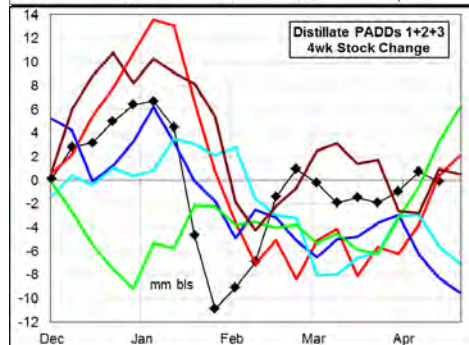
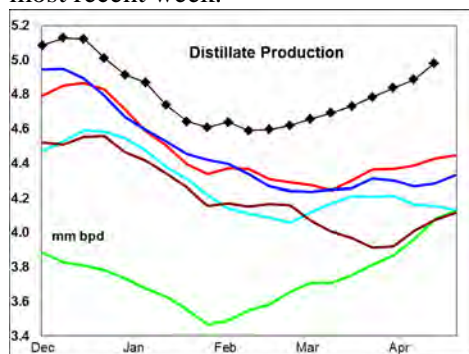
Major Fundamental Trends¹

Crude oil input to refineries increased +367,000 bpd last week, to a new record high.

Below normal refinery maintenance, capacity additions in the Gulf and substitution of shale crude oil grades for heavier gravity imports has led to a +640,000 bpd increase in crude oil runs over a year ago for the latest 4-wk period.

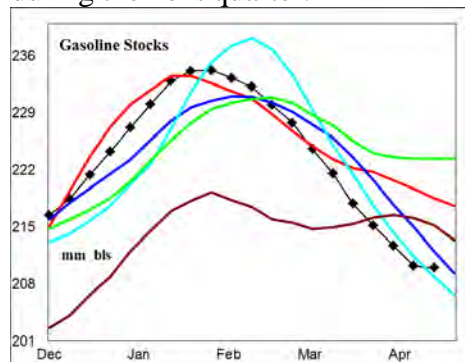


The record crude oil runs lifted distillate production more than +0.6 million bpd above last year for the most recent week.



The increase in production, and higher imports, has offset growth in

demand and exports, leading to extremely low stock draws during the last 60-days. Look for continued high production to drive above average distillate stock builds during the next quarter.



Gasoline stocks on the East, West Coast and Midwest have recently improved, compared to prior years. This improvement is driven by an earlier surge in production and more recently soft wholesale demand.

Wholesale Demand decreased -0.5 million bpd on combined transport fuels last week. Wholesale demand, measured over the last four weeks compared to a year ago: gasoline increased +1.8%; distillate was +5.2% higher; jet fuel increased +2.6%, and residual fuel decreased -36%.

Stocks forward coverage: Gasoline demand coverage was little changed on a -0.3 million barrel stock draw. Coverage ended the week at a level near the 3-yr mid range.

Distillate coverage increased on a +0.6 million barrel stock build. Coverage ended the week at a level below the 5-yr range.

Jet fuel coverage improved on a +0.8 million barrel stock build, although the level remains below the historic range.

Residual fuel oil coverage ended the week near recent record highs level on extremely weak demand and a +0.9 million barrel stock build.

Refinery utilization rates increased on a +367,000 bpd rise in crude oil runs last week. During the latest 4-wk

period crude oil input was +0.6 million bpd above a year ago.

Gasoline yield % on crude oil runs fell last week on a -48,000 bpd decrease in output compared to the +367,000 bpd rise in crude oil runs. Yield % on crude oil runs fell to a record low level.

Distillate yield % on crude oil runs was nearly unchanged last week, on a +100,000 bpd increase in output compared to the increase in crude oil runs. The yield % on crude oil runs ended the week at a level well above the historic range.

Jet fuel yield % on crude oil runs fell on a +2,000 bpd rise in output, compared to the large increase in crude oil runs. The yield % on crude oil runs ended the week below the 5-yr range.

Petroleum Imports/Exports: Imports of crude oil fell -0.5 million bpd last week.

During the latest 4-wk period crude oil imports were -0.1 million bpd below last year; distillate imports were +50,000 bpd higher; finished gasoline imports were nearly unchanged, gasoline blend stock imports were -183,000 bpd lower; jet fuel imports increased +116,000 bpd, while residual fuel oil imports were -25,000 bpd lower.

Exports during the most recent week for distillate were +305,000 bpd above a year ago, gasoline -19,000 bpd lower, jet fuel +2,000 bpd and propane was +5,000 bpd higher.

Crude Oil stocks climbed +3.5 million barrels last week, including a -0.8 million barrel draw in Cushing. U.S. stocks are now at a record high for the season.

The stock build occurred even with a -0.5 million bpd drop in imports and +0.4 million bpd rise in crude oil runs. This 0.9 million bpd swing in the supply – demand balance points to an ongoing risk of large stock builds. Risk continues of gulf stocks reaching storage capacity limits during the 2nd quarter.

¹ Source is latest EIA Weekly Statistics



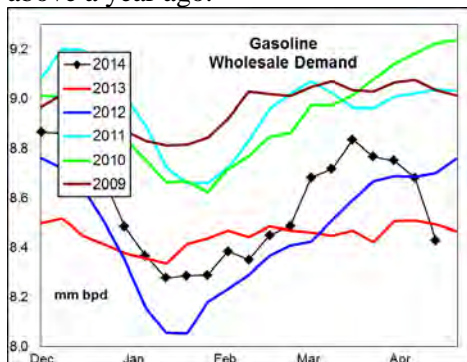
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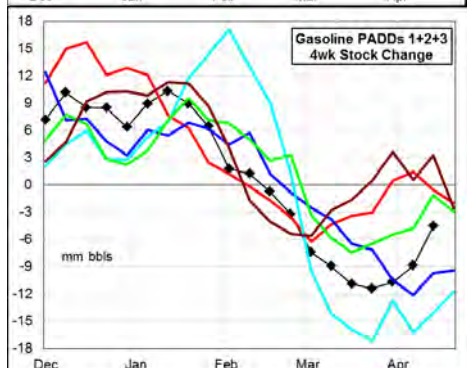
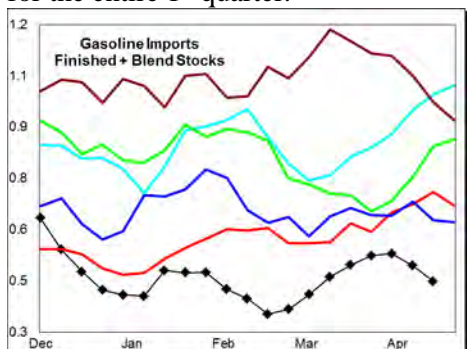
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Product Supply-Demand Trends

Gasoline wholesale demand declined -0.2 million bpd last week, to a level below the historic range. The latest 4-wk average demand was +156,000 bpd above a year ago.



Supply declined -132,000 bpd on the week, due to lower imports and production. Supply for the latest 4-wk period was +162,000 bpd above a year ago. Imports of finished + blendstocks have been significantly below last year for the entire 1st quarter.

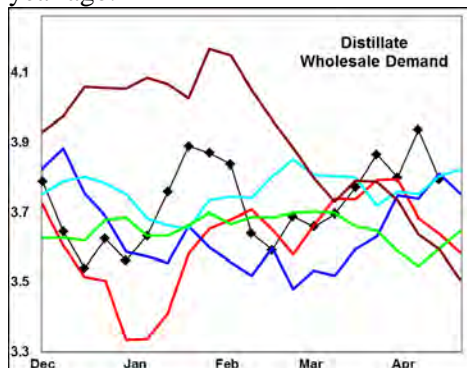


Stocks decreased -274,000 barrels last week, to a level near the 3-yr mid range.

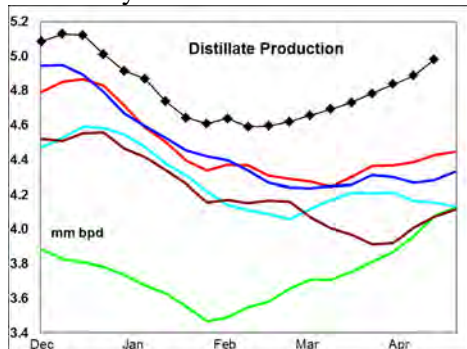
The latest 4-wk stock draw East of the Rockies of -4.6 million barrels was a smaller draw than the 3-yr mid range. Stock levels on the East, West coasts and Midwest are each at the low

end of the historic range. A recent drop in the rate of stock draws for these regions reduces the risk of a supply squeeze during the 2nd quarter.

Distillate wholesale demand fell -0.3 million bpd last week, to a level that matched the 3-yr mid range. The latest 4-wk average demand was +194,000 bpd above last year. Supply fell -63,000 bpd on the week, with the latest 4-wk average +0.5 million bpd above a year ago.



The latest 4-wk stock change in markets East of the Rockies was a +0.1 million barrel build, nearly unchanged from last year.



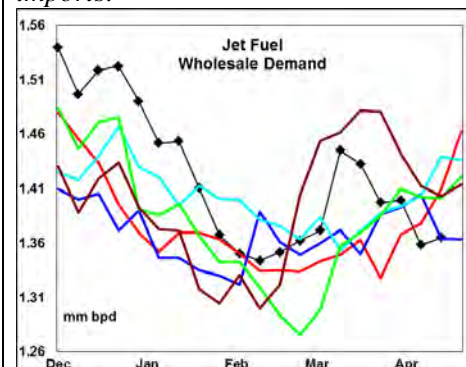
Supplies continue at a record pace, offsetting an uptrend in demand and exports. The 4-wk average stock draw in markets East of the Rockies during the last 60-days has been much less than experienced during the last 3-yrs. Look for an above average rate of stock building during the 2nd quarter.

Jet Fuel wholesale demand increased +25,000 bpd last week. The latest 4-wk average demand was +35,000 bpd above a year ago.

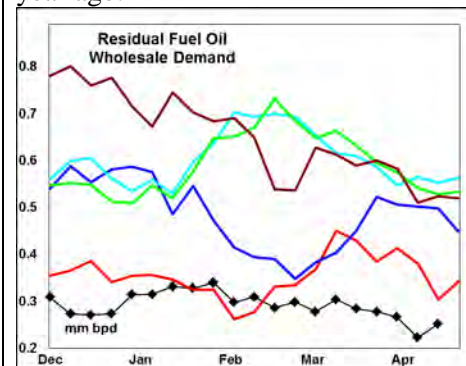
Supply fell -86,000 bpd on sharply lower imports. Output for the most

recent 4-wk period was -30,000 bpd below a year ago. Imports were +116,000 bpd higher, at a record level. Stocks increased +0.8 million barrels last week, to a level -0.9 million barrels below last year.

East coast stock levels have surged to near record highs on the spike in imports.



Residual fuel oil demand fell -229,000 bpd last week. Demand for the latest 4-wk period was -109,000 bpd below a year ago.



Supply (production + imports) increased +99,000 bpd on higher imports. Production was -80,000 bpd below a year ago for the latest 4-wk period, while imports also decreased -25,000 bpd. Stock levels ended the week slightly above the last 3-yrs.

Stocks in the key gulf region increased +0.9 million barrels last week to a new record high for this time of year. Production remains -40% below a year ago for the most recent 4-wk period, offset by a collapse in demand and exports.



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

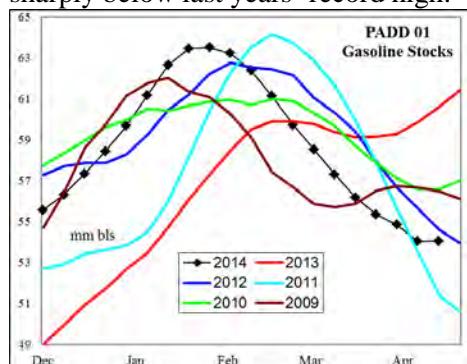
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PADD Supply Trends

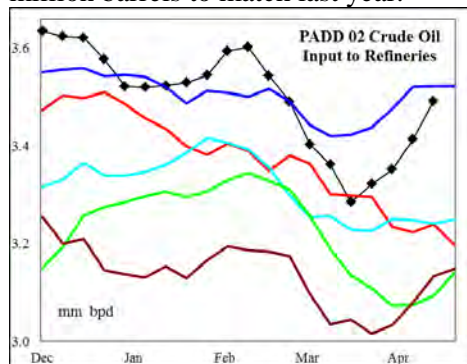
PADD 1 refinery crude oil runs increased +66,000 bpd on the week, with the latest 4-wk average -88,000 bpd below last year. Stocks jumped +2.2 million barrels, to a level near 5-yr highs.

Gasoline supply was nearly unchanged on the week. Stock levels ended the week near the 3-yr mid range, although sharply below last years' record high.



Distillate supply declined -40,000 bpd on a sharp drop in imports; with the 4-wk average -19,000 bpd below last year. Stock levels ended the week -2.3 million barrels below a year ago.

Jet fuel imports fell -166,000 bpd on the week. Stocks jumped +1.2 million barrels to match last year.



PADD 2 crude oil refinery runs decreased -22,000 bpd last week, with the latest 4-wk average +189,000 bpd above last year. Crude oil stocks declined -1.7 million barrels last week, including a -0.8 million barrel draw in Cushing.

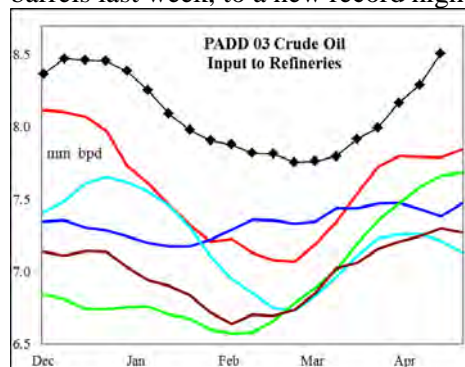
Gasoline supply increased +13,000 bpd last week, but remains above the 5-yr range. Production for the most recent 4-wk period was +433,000 bpd above a year ago – driven by the EIA

recording sub octane product shipped into the Midwest as finished product production when blended with ethanol. Stocks increased +0.4 million barrels, with the level near historic lows for the period.

Distillate supply increased +22,000 bpd last week, with the 4-wk average +81,000 bpd above a year ago. Stock levels ended the week -8% below the 5-yr range.

Jet fuel production declined -27,000 bpd on the week. Stocks ended the week -2% below the 5-yr range.

PADD 3 refinery runs climbed +372,000 bpd last week, a level above the historic range. During the latest 4-wk period, average runs were +397,000 bpd above last year. Crude oil stocks increased +2.4 million barrels last week, to a new record high.



Gasoline supply decreased -7,000 bpd last week, with the latest 4-wk average +170,000 bpd above a year ago. Stocks decreased -0.4 million barrels last week, with the level at 5-yr highs.

Distillate supply declined -54,000 bpd on the week. The latest 4-wk average supply was +321,000 bpd above last year. Stocks increased +1 million barrels last week, to a level above the last 2-yr.

Jet fuel production increased +42,000 bpd to match 5-yr highs. Stock levels ended the week -10% below last year and below the 5-yr range.

Residual fuel supply was nearly unchanged on the week. Stocks were +1.5 million barrels above the 5-yr range.

PADD 4 refinery crude runs increased

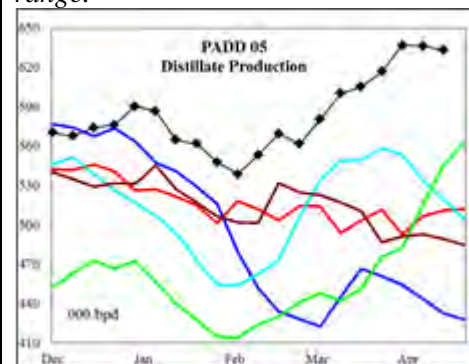
+2,000 bpd last week, with the 4-wk average -54,000 bpd below last year.

Gasoline production was +31% above last year for the most recent 4-wk period, and at a record high. Stocks were slightly below the last 3-yr.

Distillate production was -19,000 bpd below last year for the most recent 4-wk period, with stocks comparable to last year.

Jet fuel production was comparable to the last 2-yr. Stock levels matched historic lows.

PADD 5 crude oil refinery runs declined -51,000 bpd last week, with the 4-wk run rate +197,000 bpd above last year. Refinery unit upgrades and low maintenance has lifted output of transport fuels sharply above the 5-yr range.

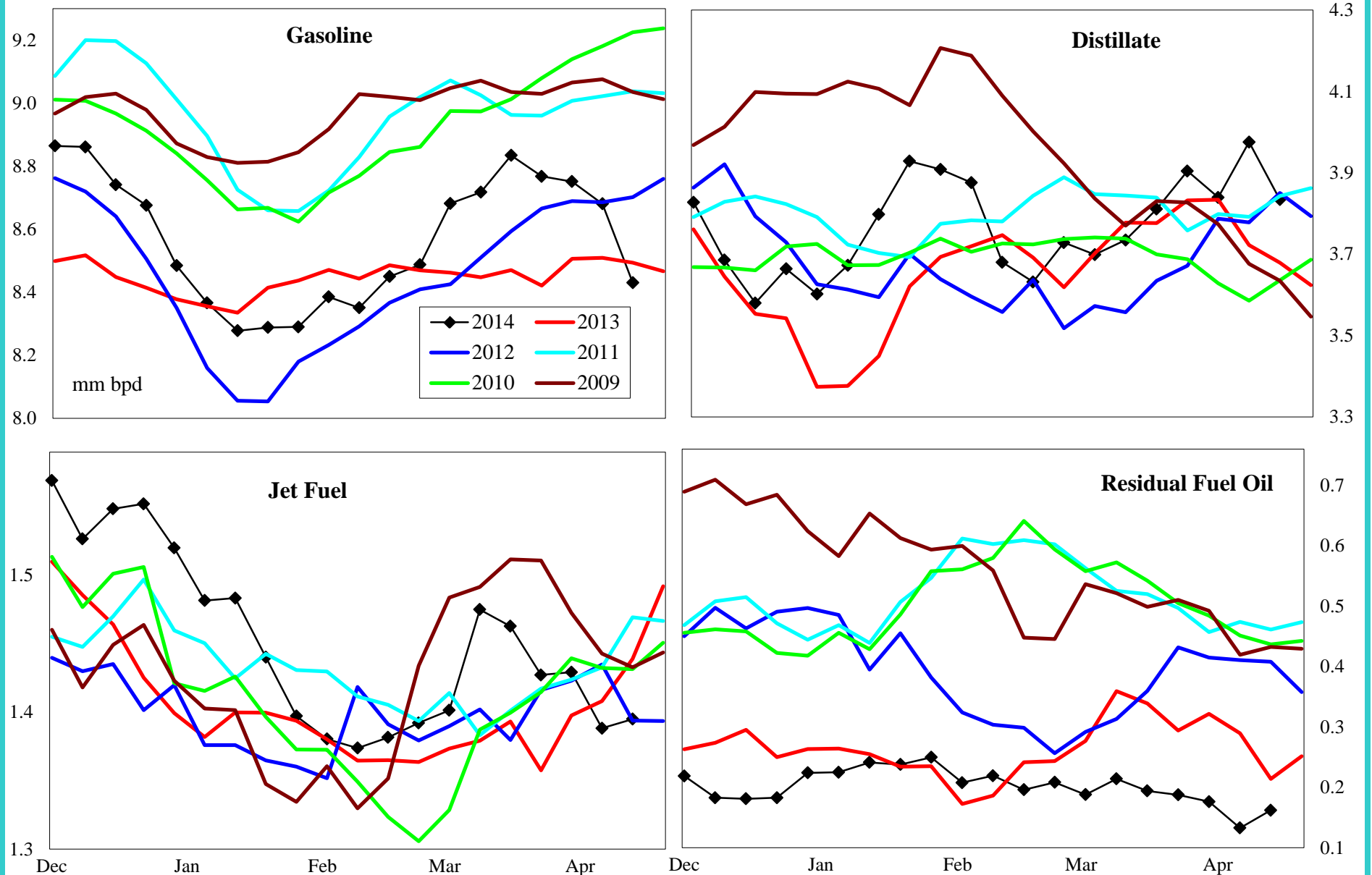


Gasoline supply continues to set new records, with the 4-wk average +113,000 bpd above a year ago. Stocks were near the 2-yr mid range.

Distillate production extended the record level, with the 4-wk average +113,000 bpd above a year ago. Stock levels matched 5-yr highs for the week.

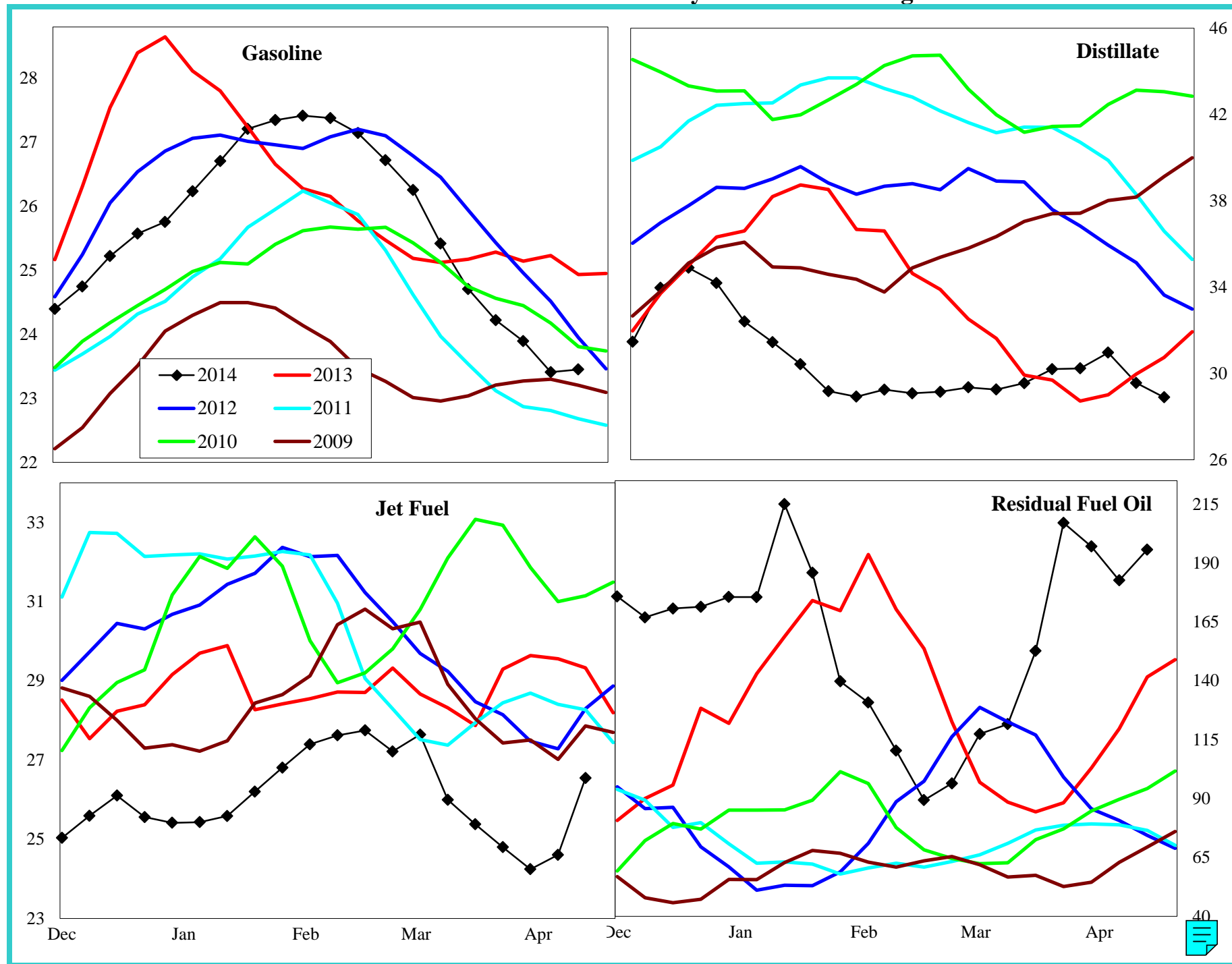
Jet fuel production was +14,000 bpd above the 5-yr range for the latest 4-wk period. Imports surged +78,000 bpd on the week to a record high. Stocks fell -0.5 million barrels on the week, to a level comparable to the last 2-yr.

United States Wholesale Petroleum Demand

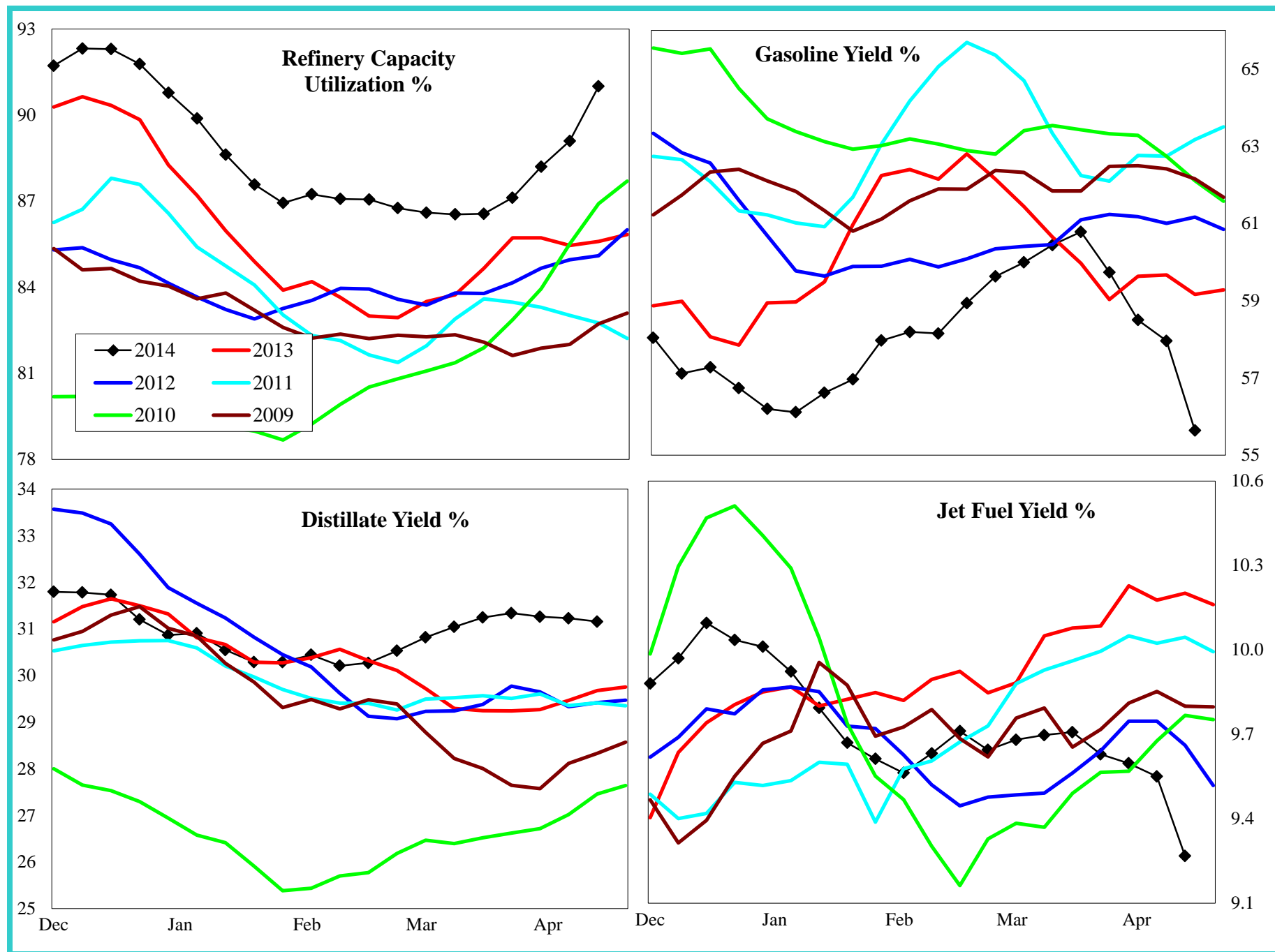


	000 bpd change from prior year				% change from prior year			
	4wk avg	Mar	Feb	Jan	4wk avg	Mar	Feb	Jan
Gasoline	156	178	-87	-12	1.8	2.1	-1.0	-0.1
Distillate	194	10	-360	217	5.2	0.3	-9.1	5.4
Jet Fuel	35	80	-10	74	2.6	5.8	-0.8	5.7
Resid	-130	-179	-55	-81	-36.4	-41.5	-18.1	-23.1

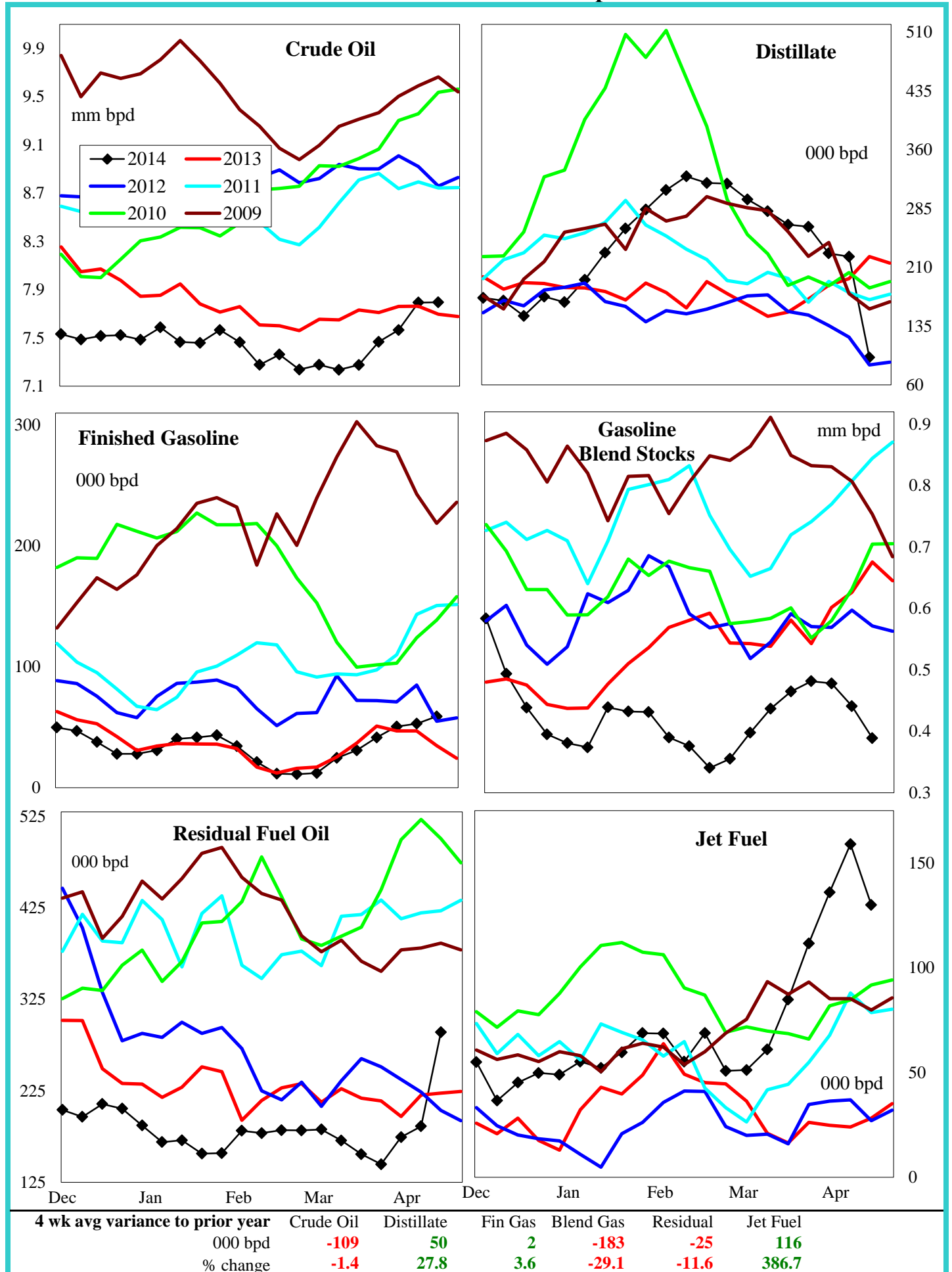


United States Product Stocks: Days Forward Coverage

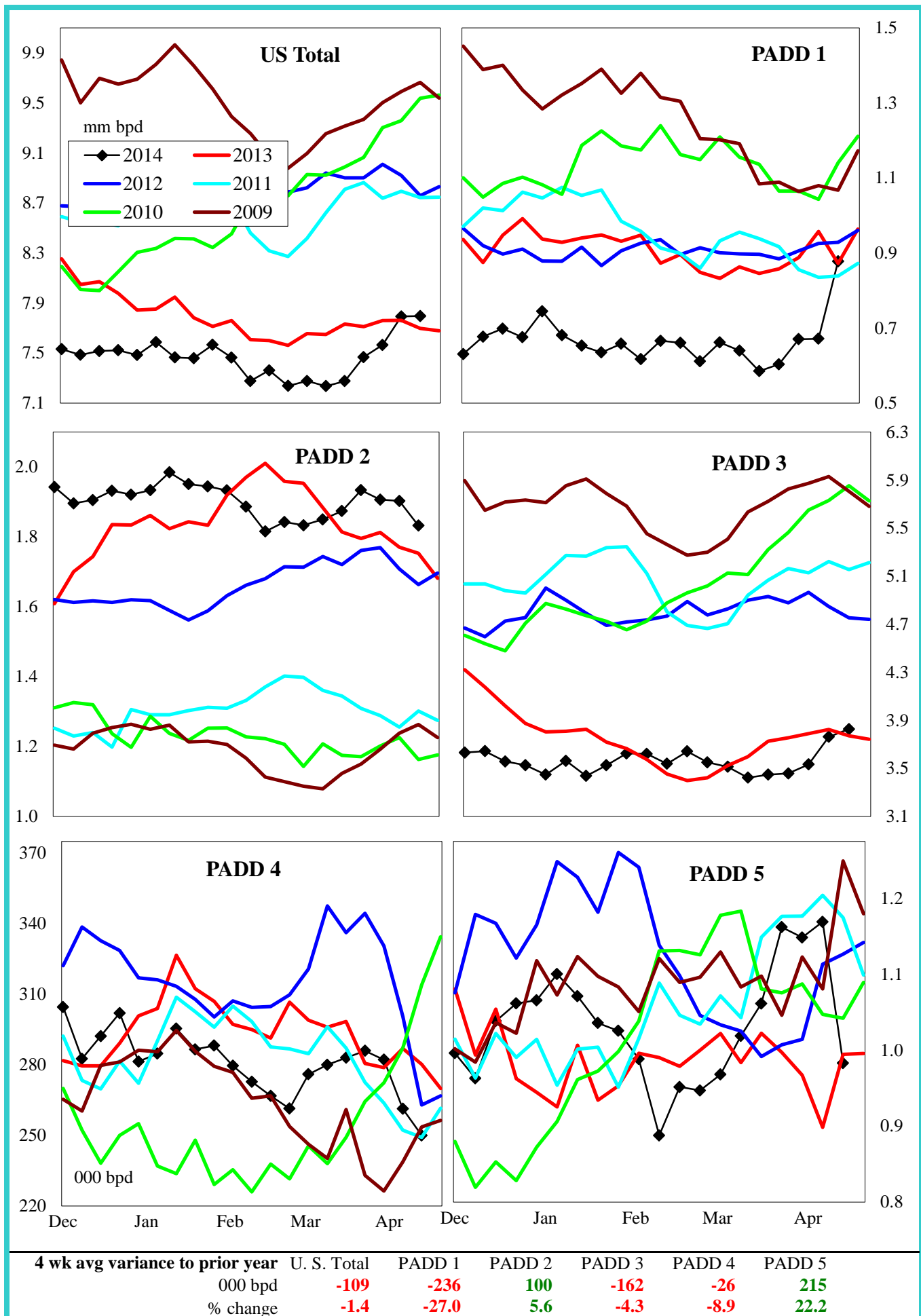
United States Refinery Percent Utilization Rate and Product Yields



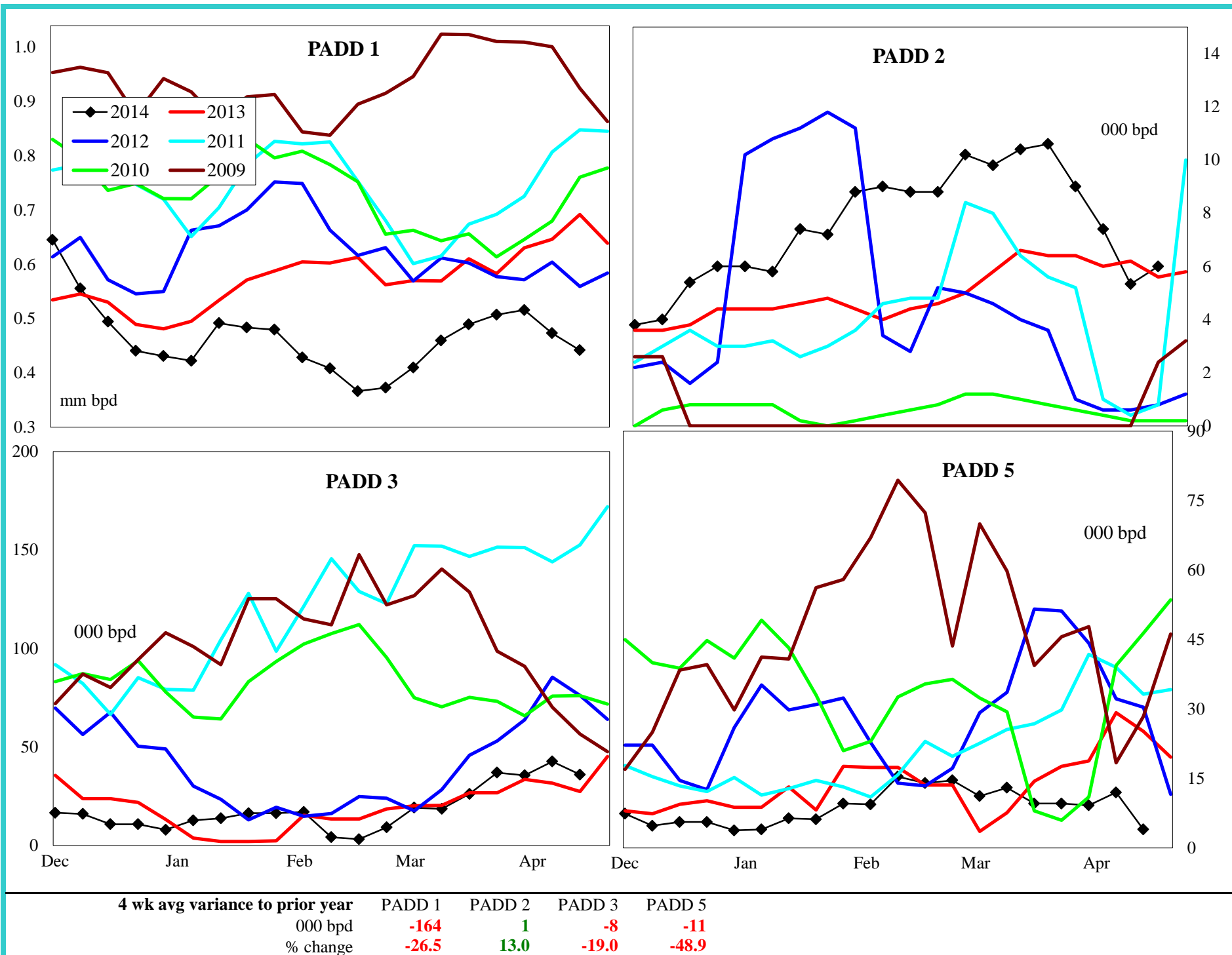
United States Petroleum Imports



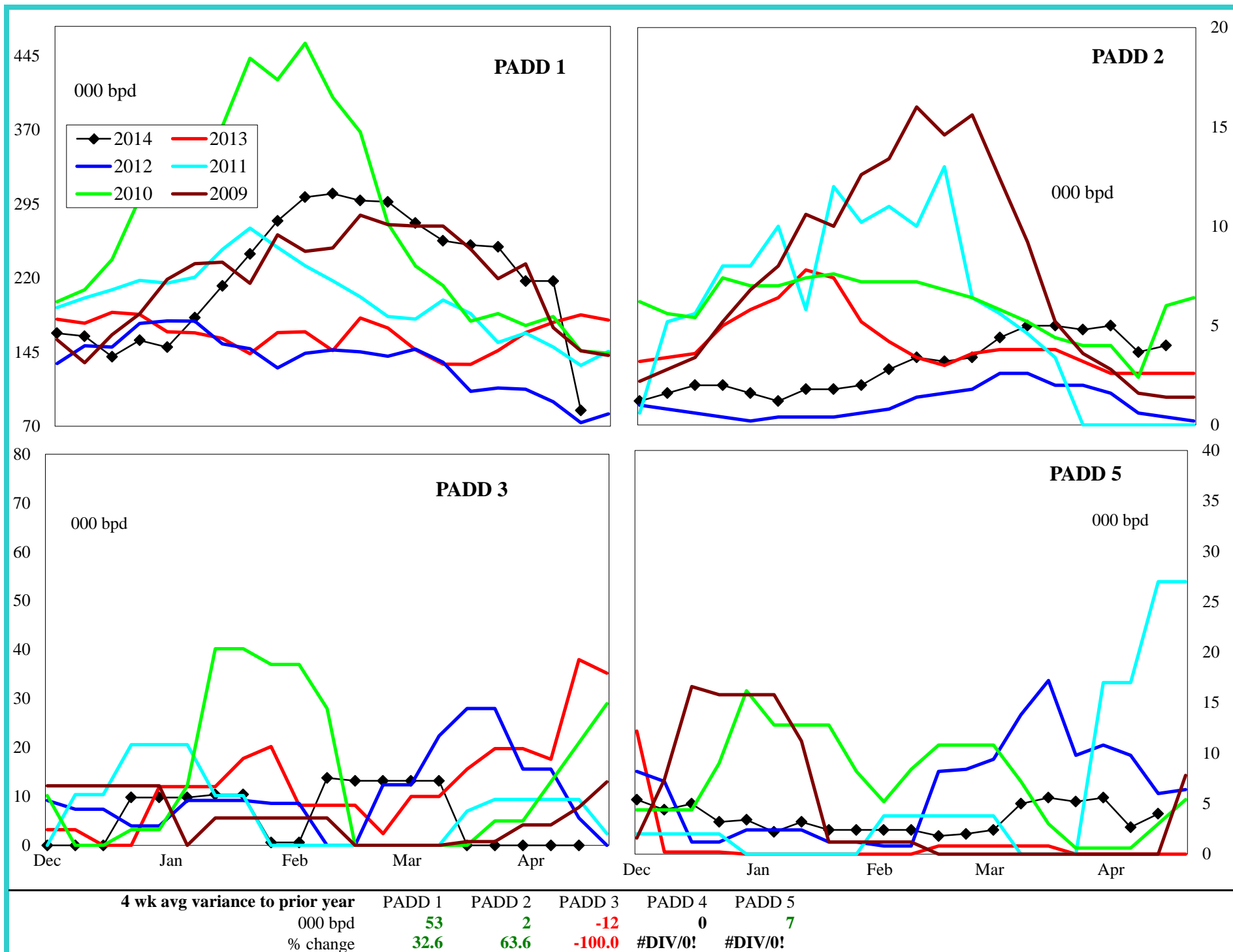
Crude Oil Imports by PADD



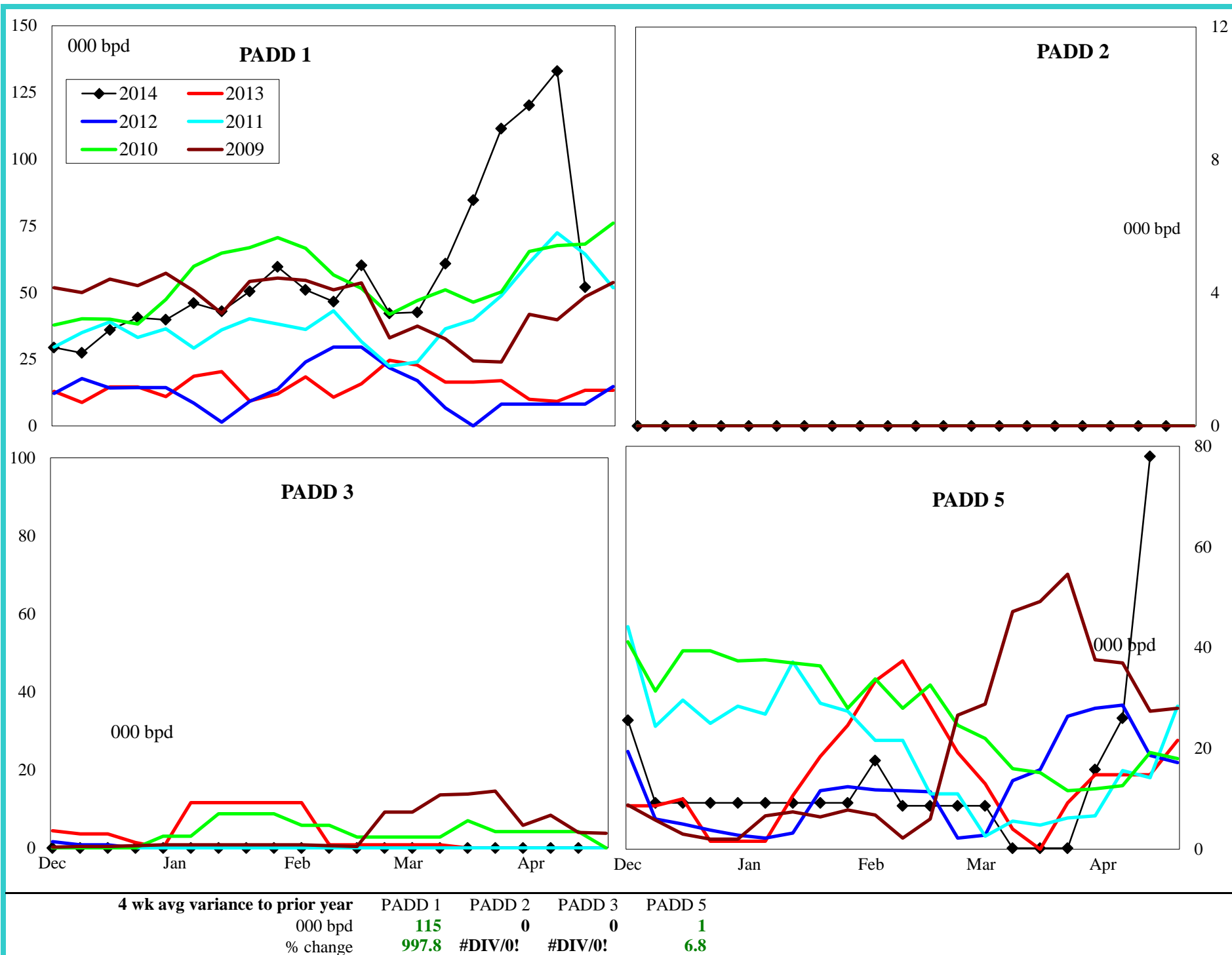
Gasoline Imports by PADD (Finished + Blend Stocks)



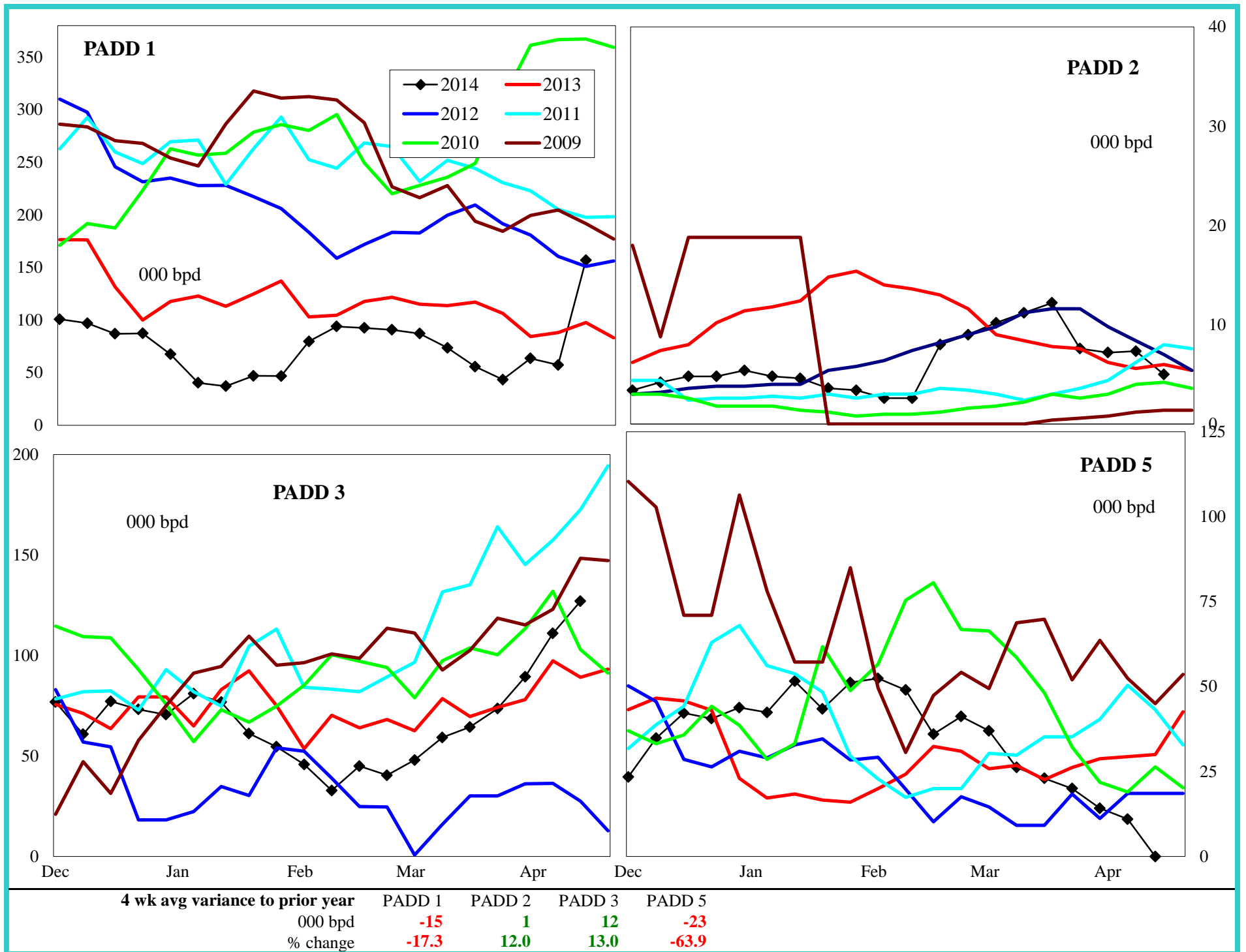
Distillate Imports by PADD



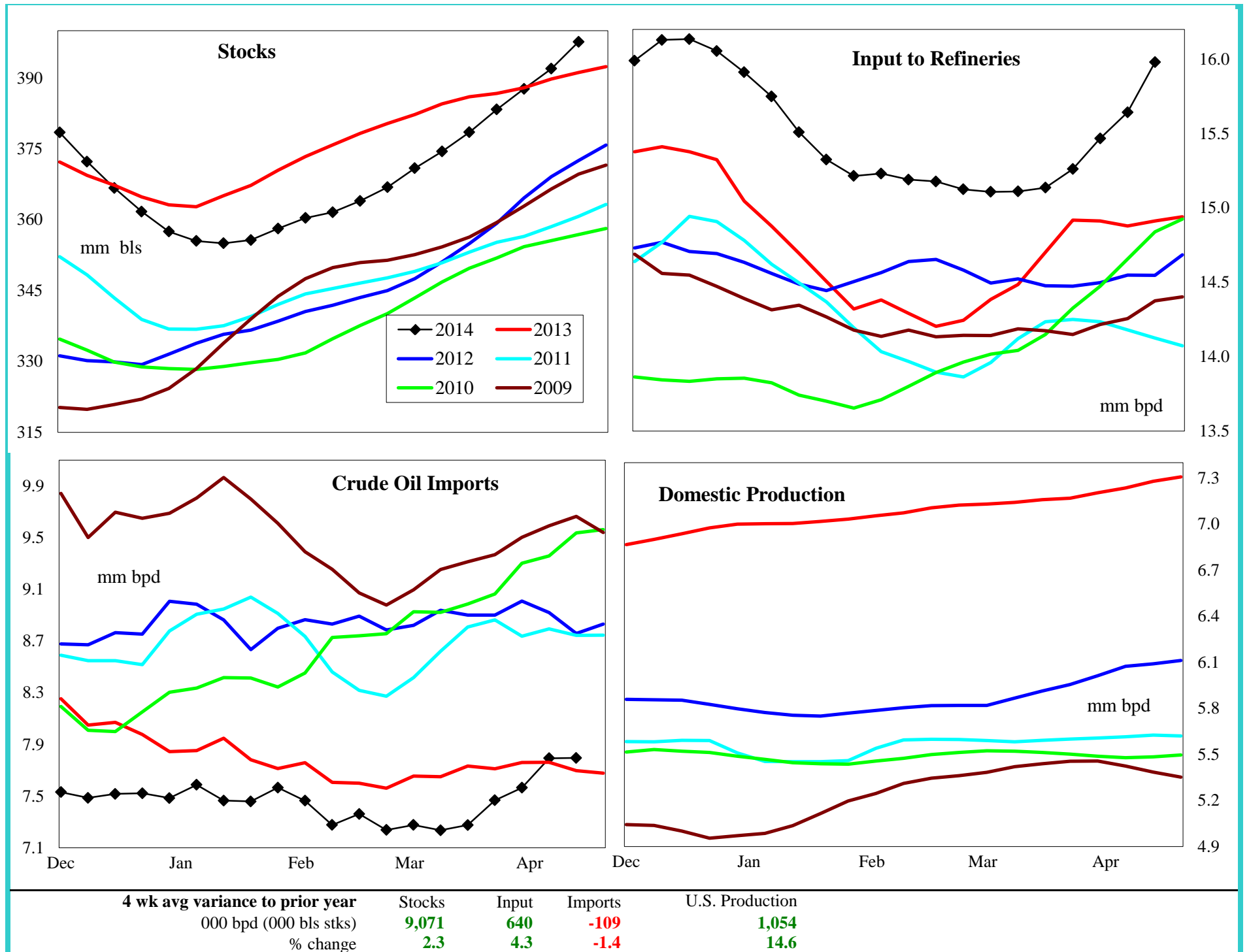
Jet Fuel Imports by PADD



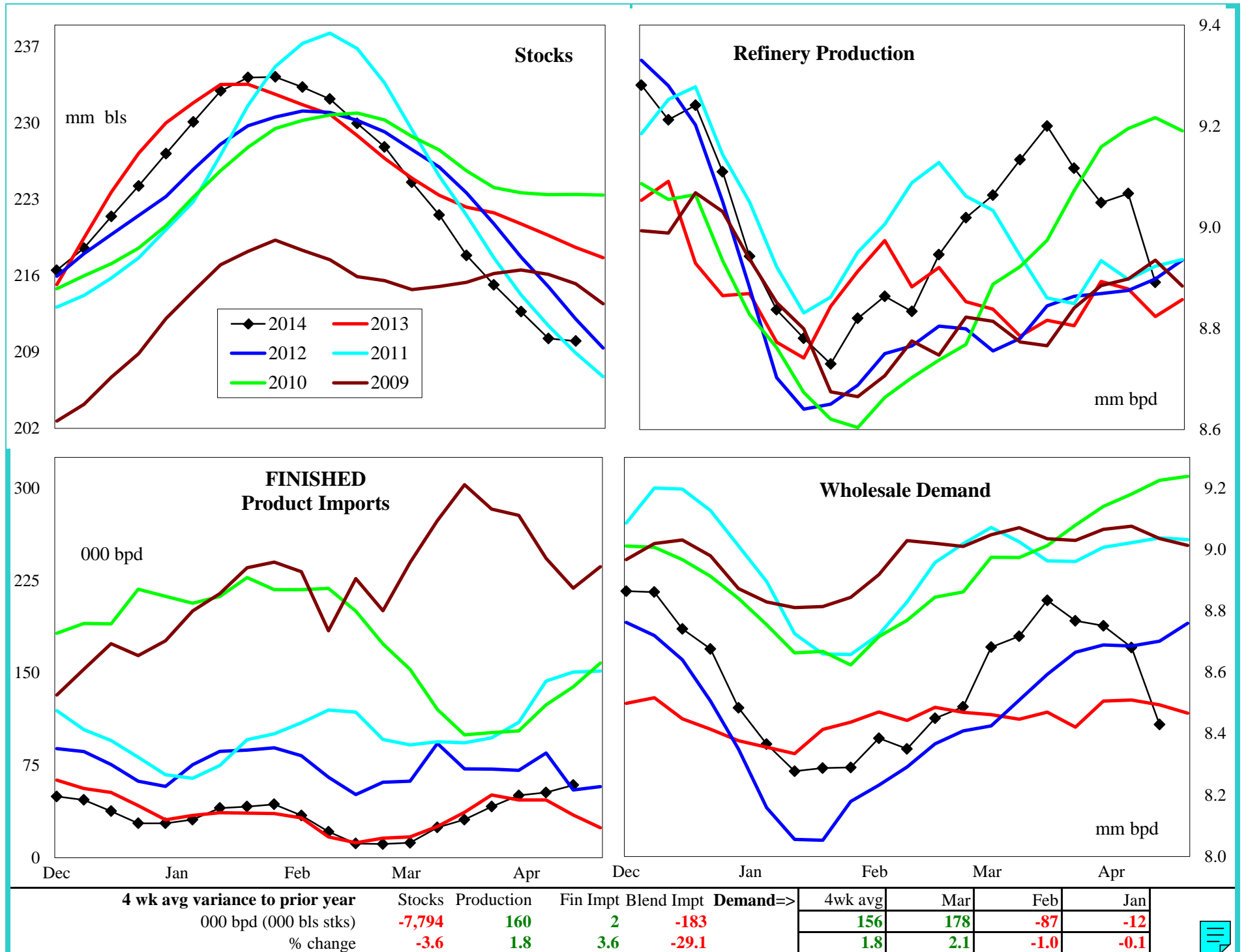
Residual Fuel Oil Imports by PADD



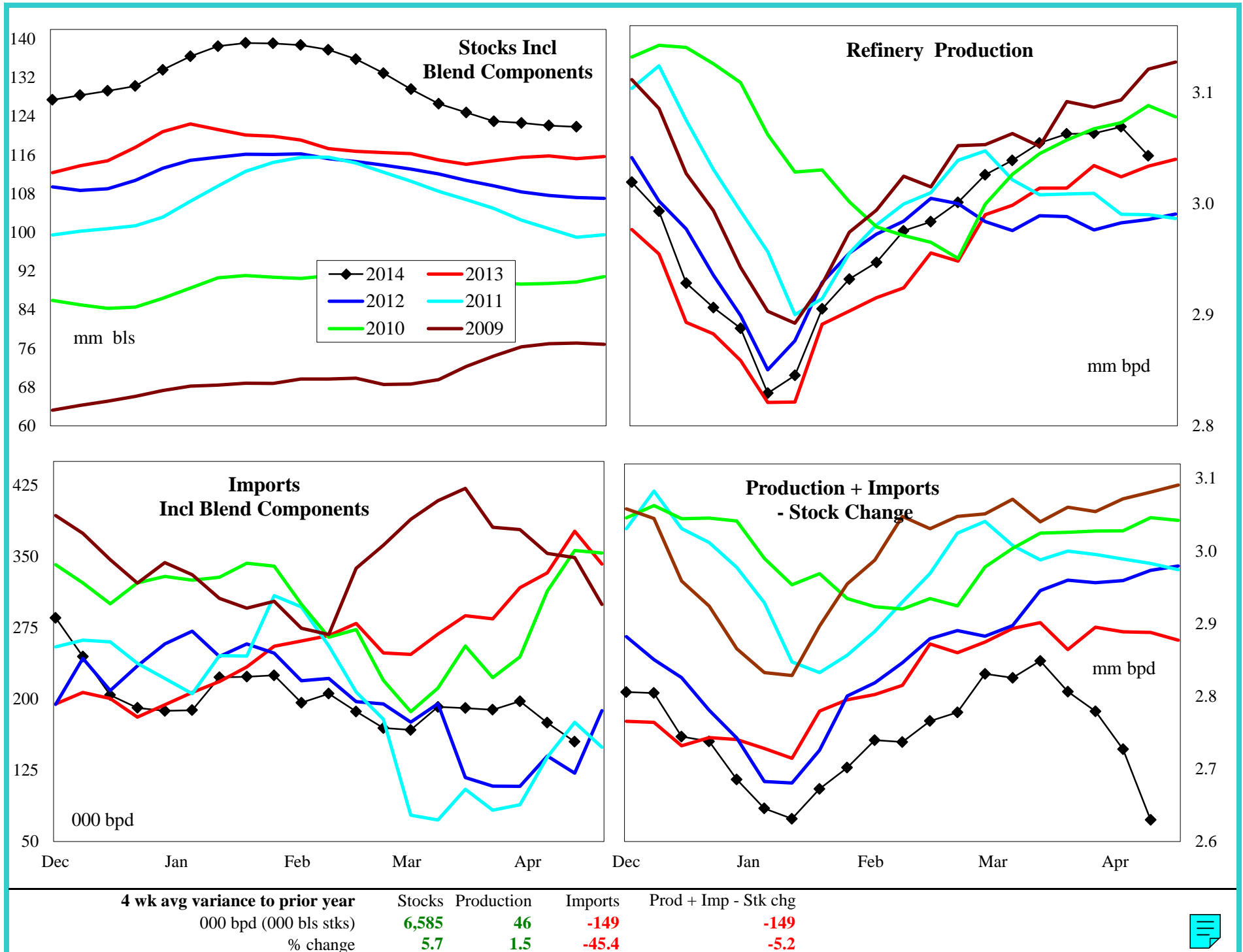
United States Crude Oil Supply and Demand Balance



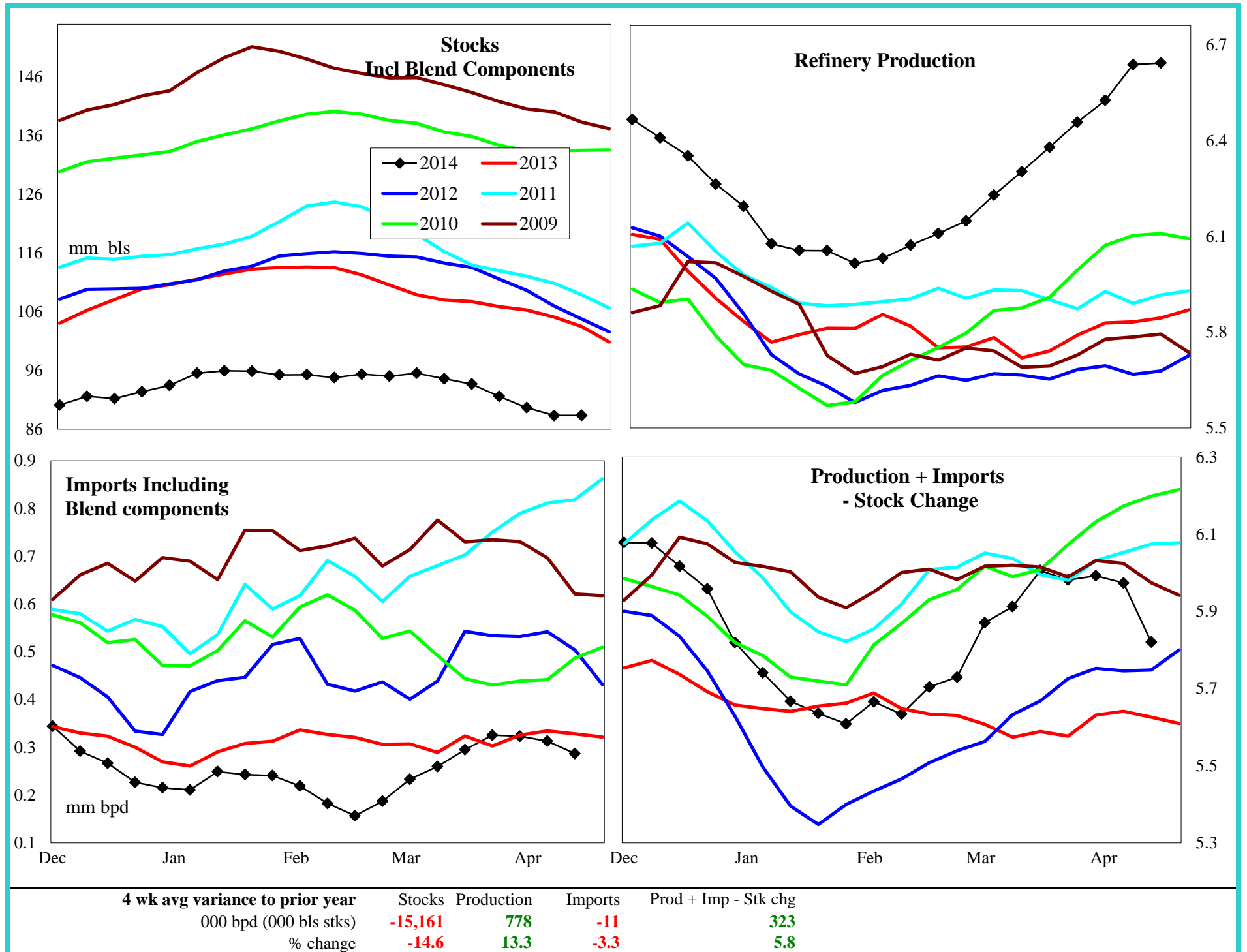
United States Gasoline Supply and Demand Balance



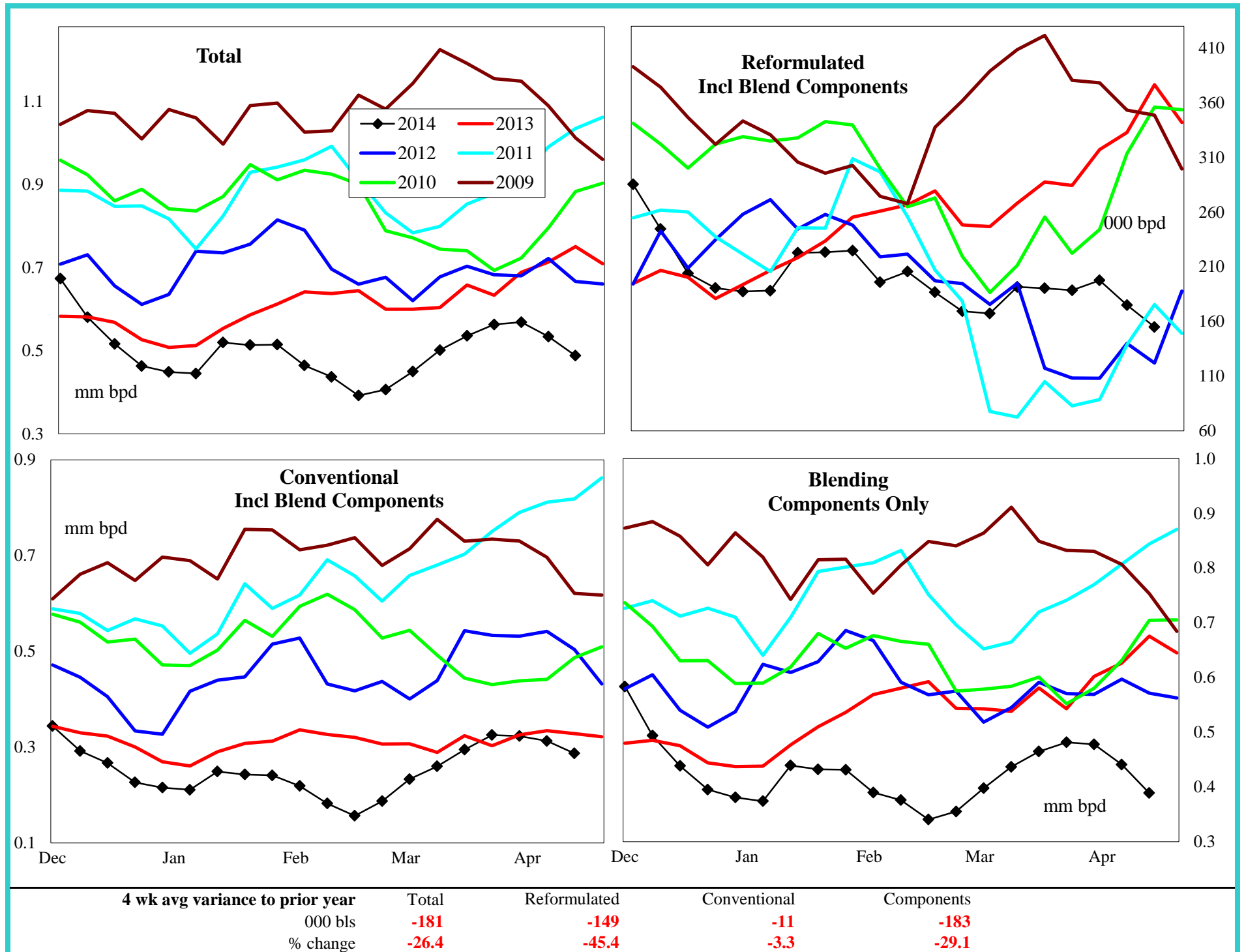
United States Reformulated Gasoline Supply



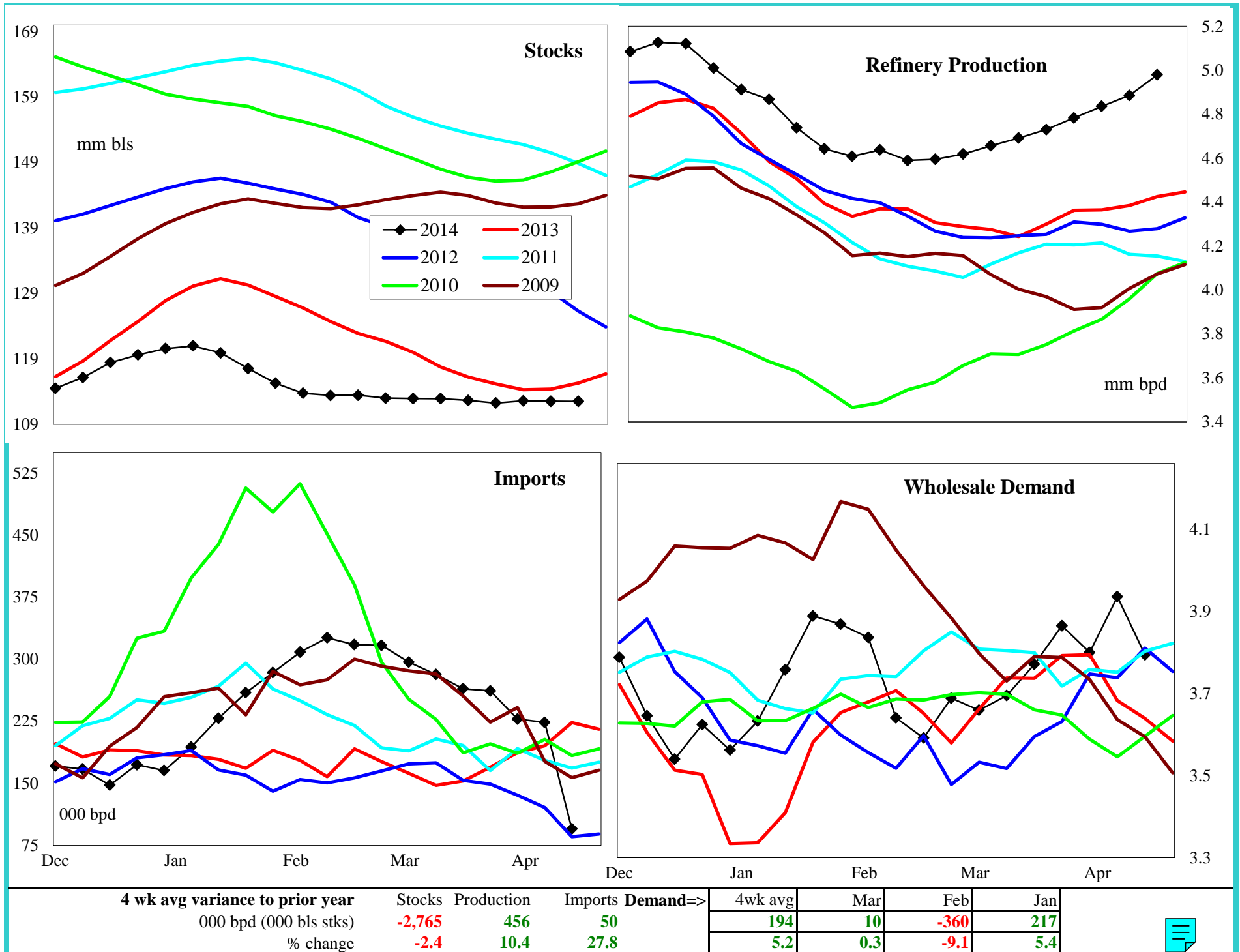
United States Conventional Gasoline Supply



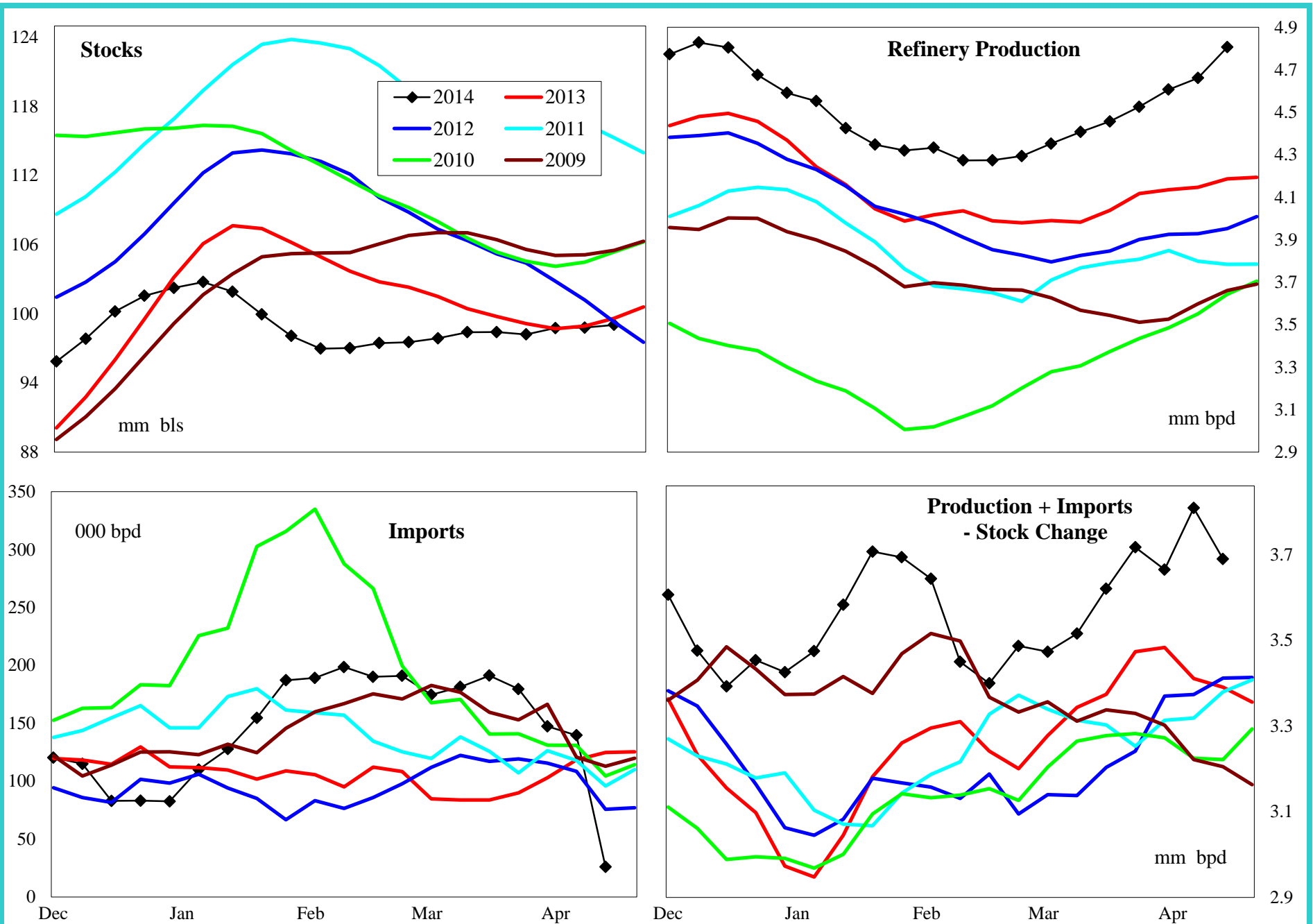
United States Gasoline Imports by Type



United States Distillate Supply and Demand Balance



United States Low Sulfur Distillate Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-533

-0.5

Production

462

11.1

Imports

4,734

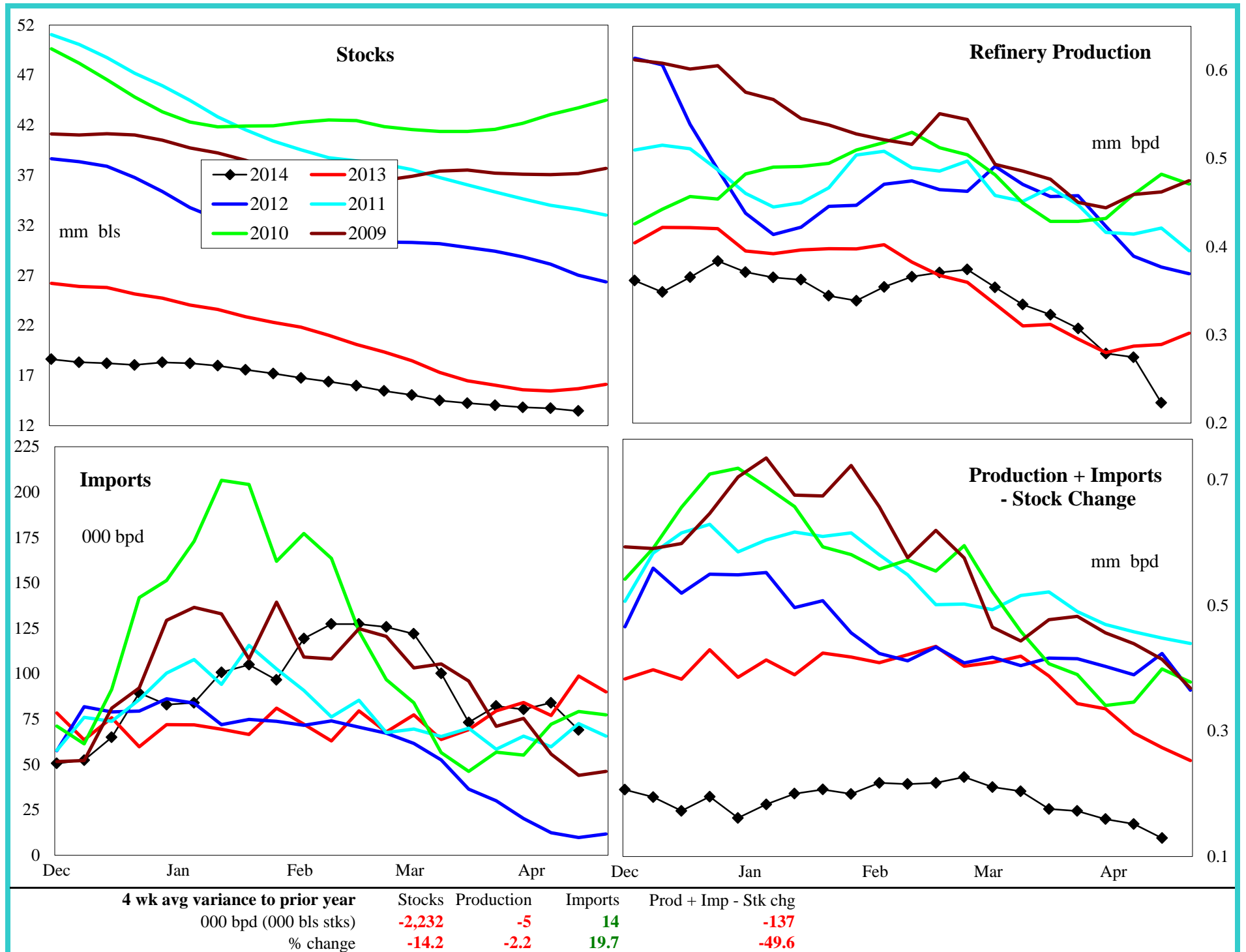
4,414.2

Prod + Imp - Stk chg

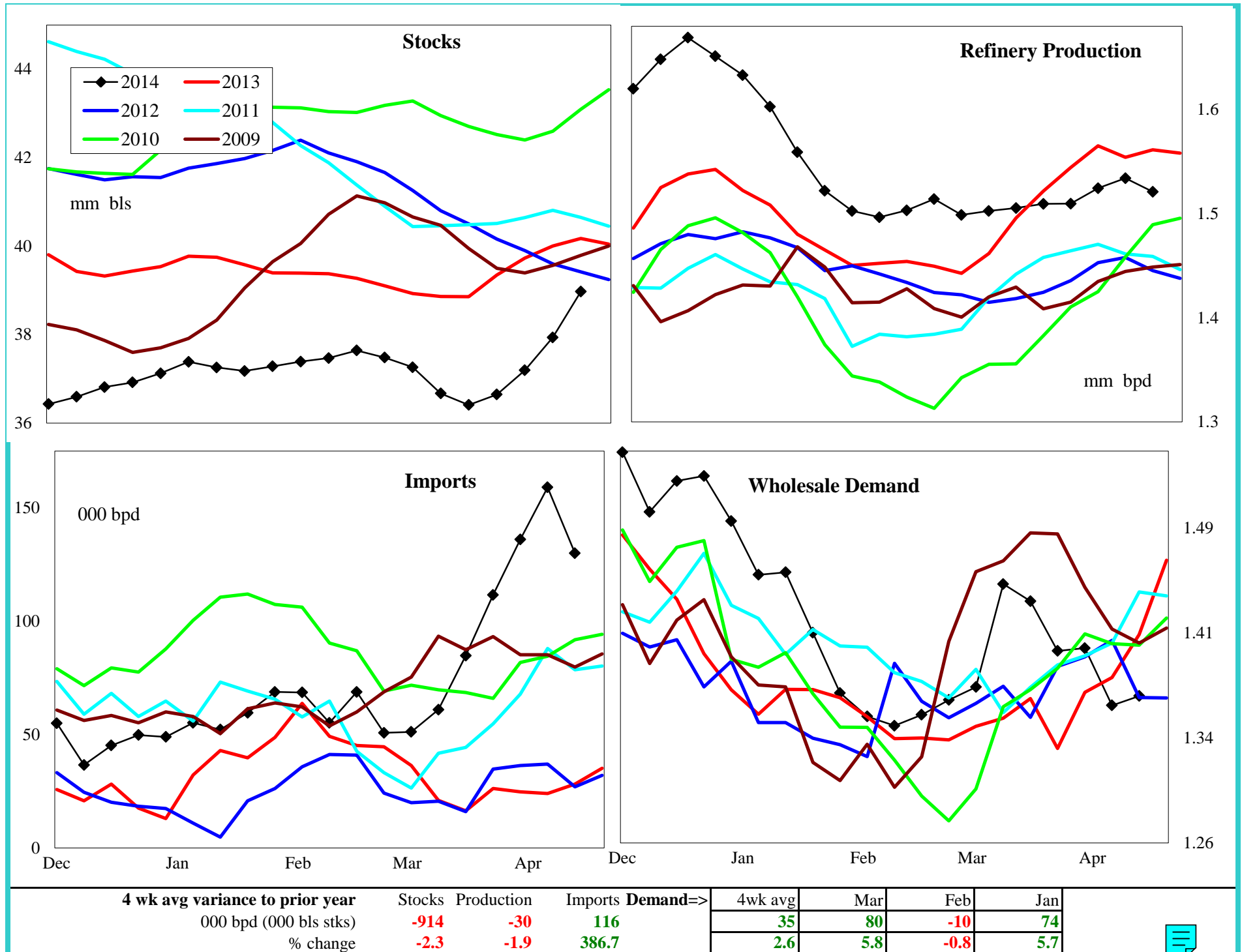
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9.6

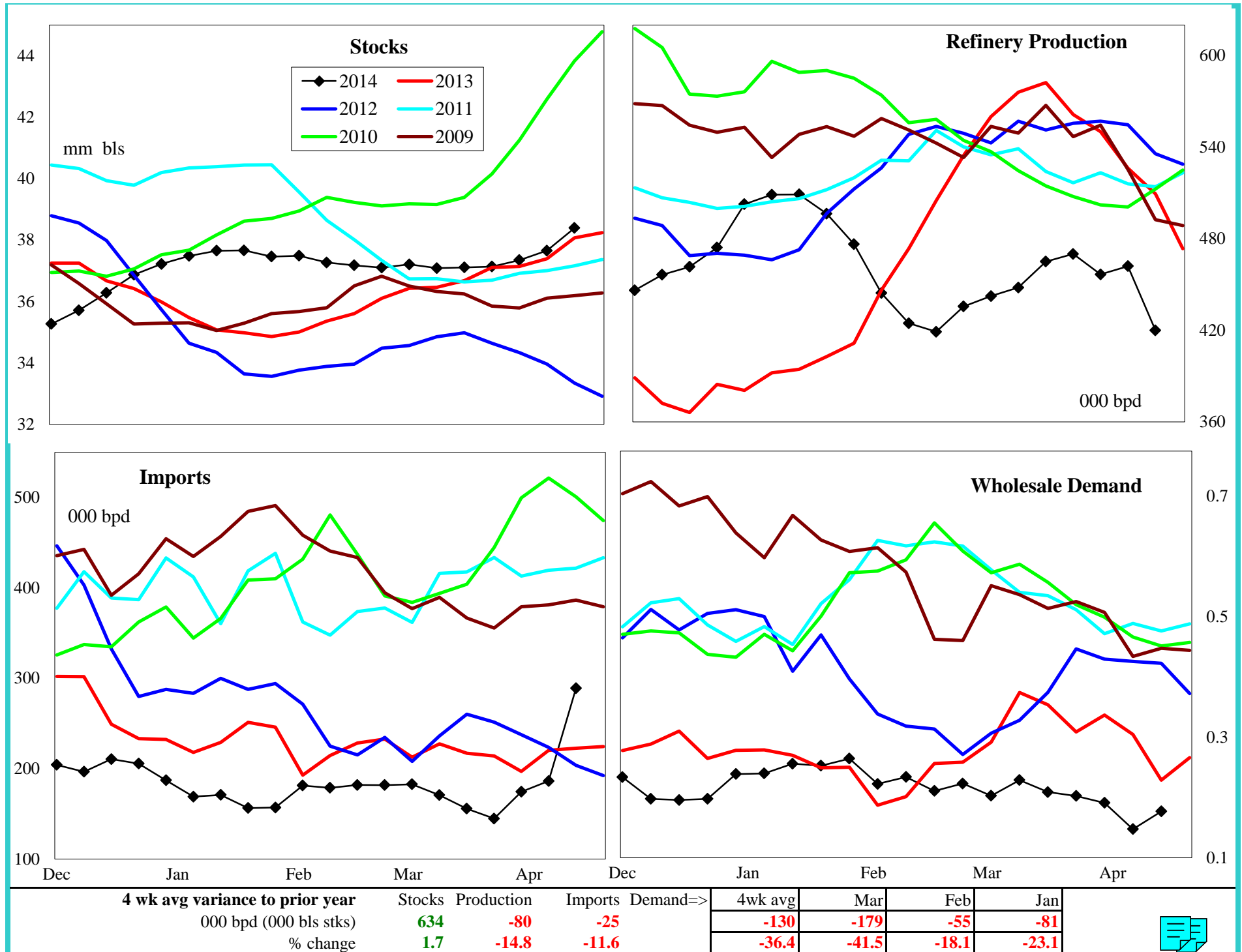
United States High Sulfur Distillate Supply



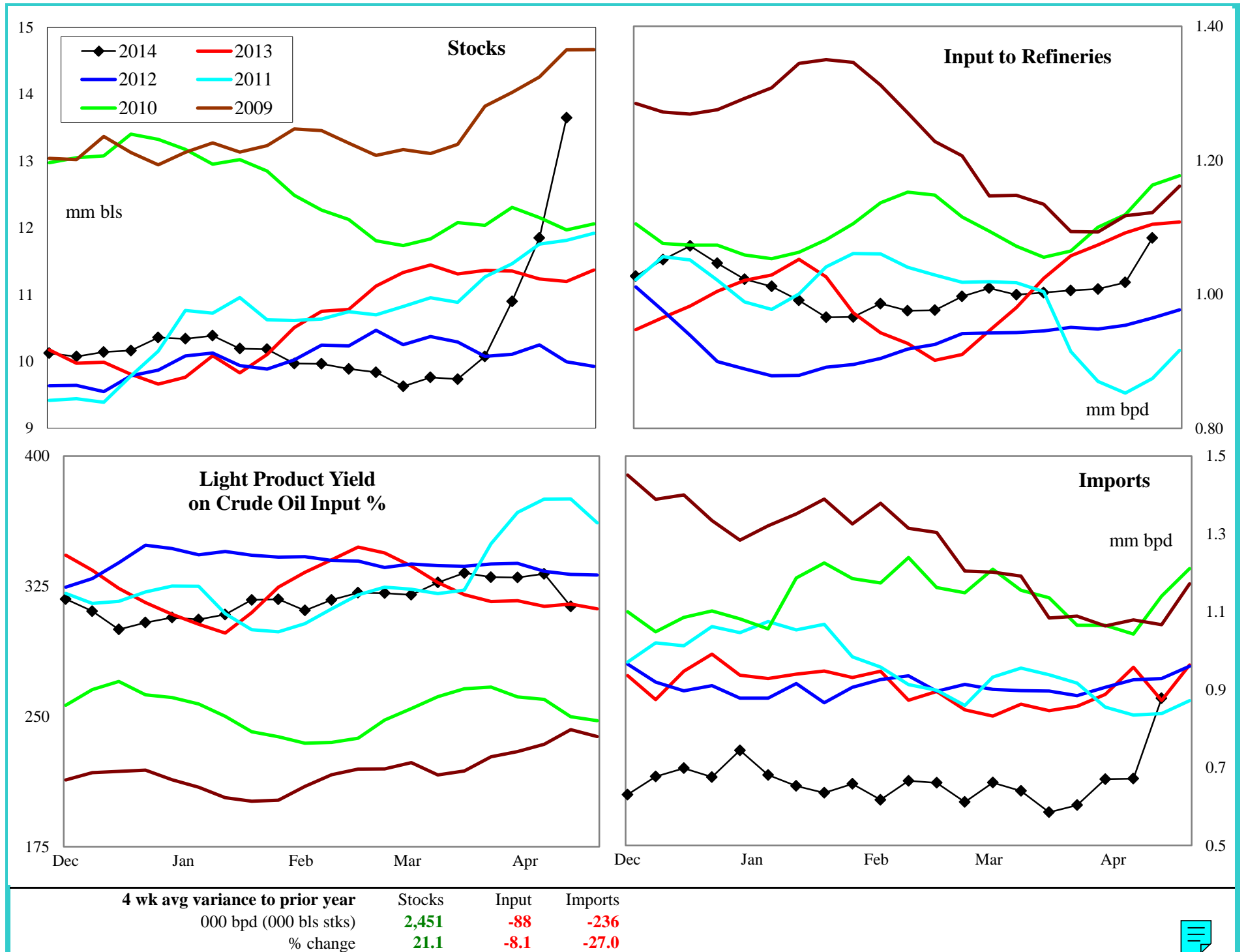
United States Jet Fuel Supply and Demand Balance



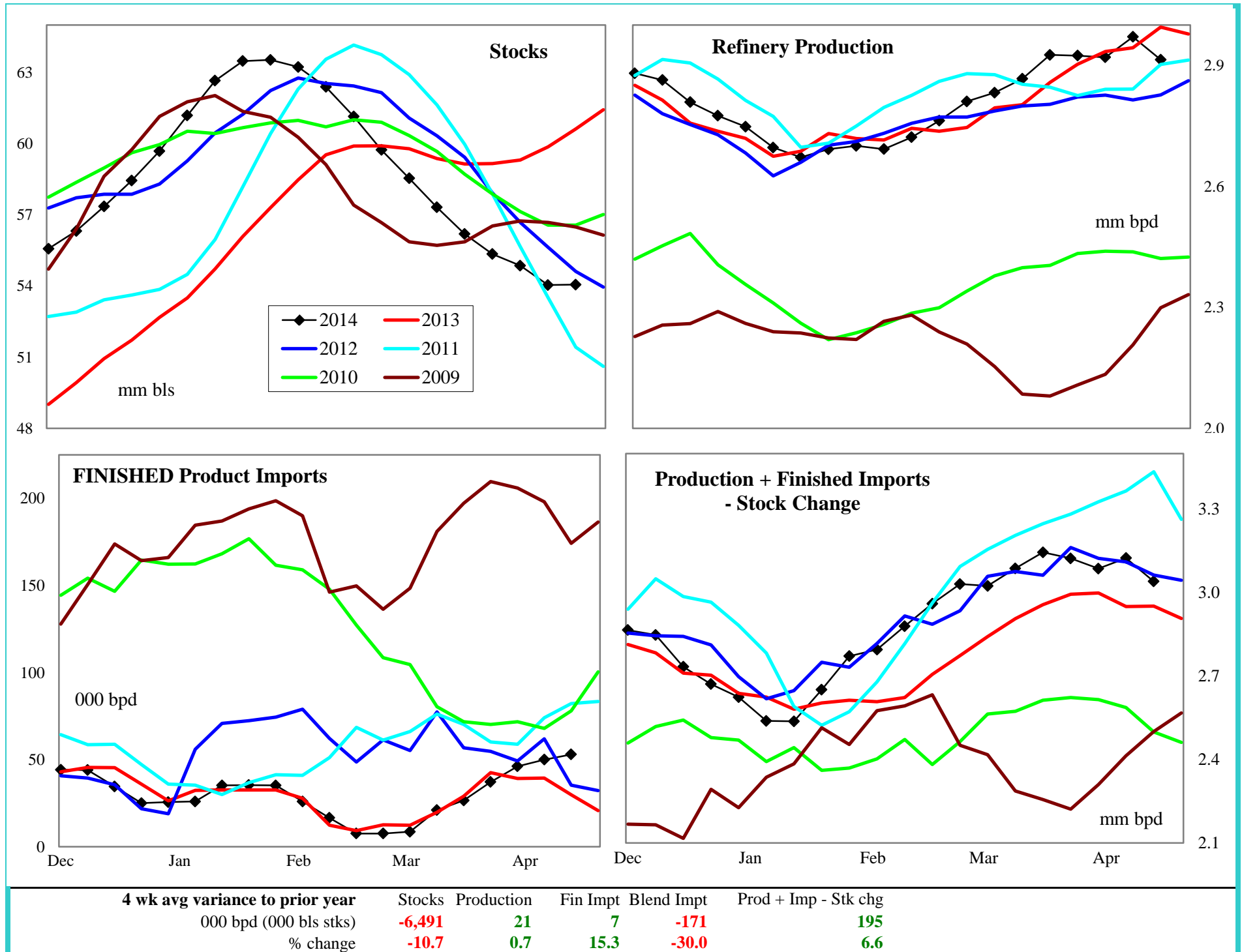
United States Residual Fuel Oil Supply and Demand Balance



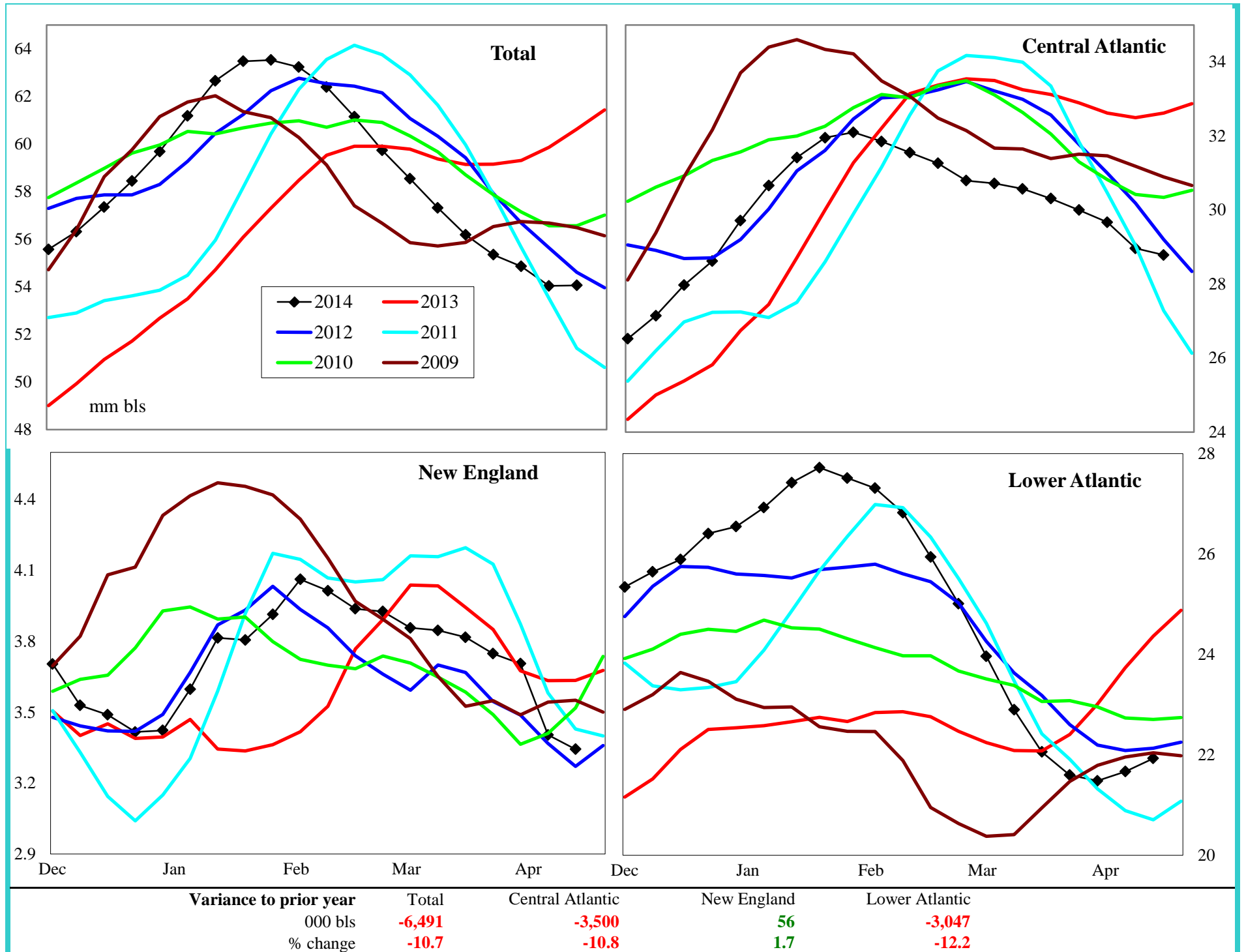
PADD 1 Crude Oil Supply and Refining



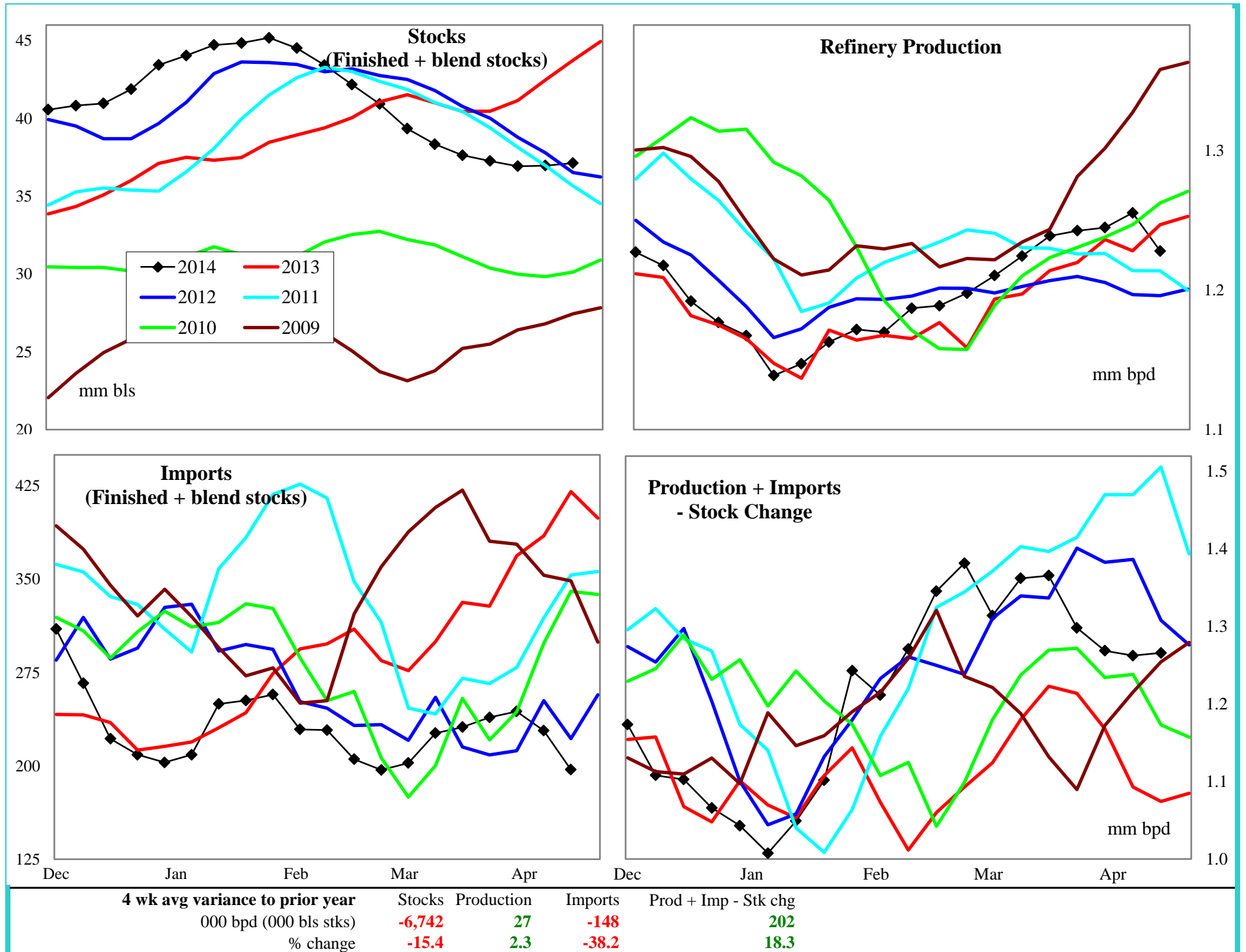
PADD 1 Gasoline Supply



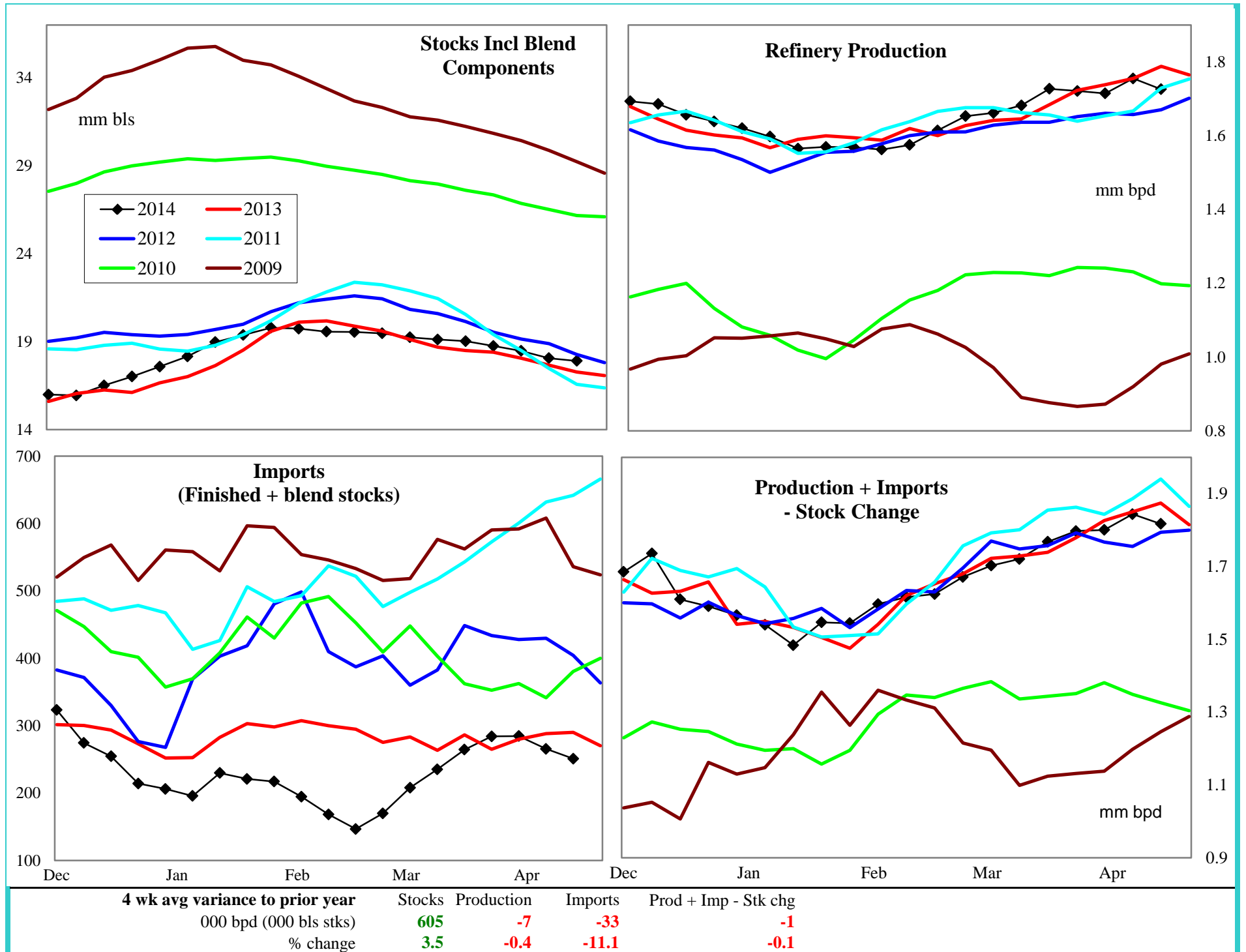
PADD 1 Gasoline Stocks by Region



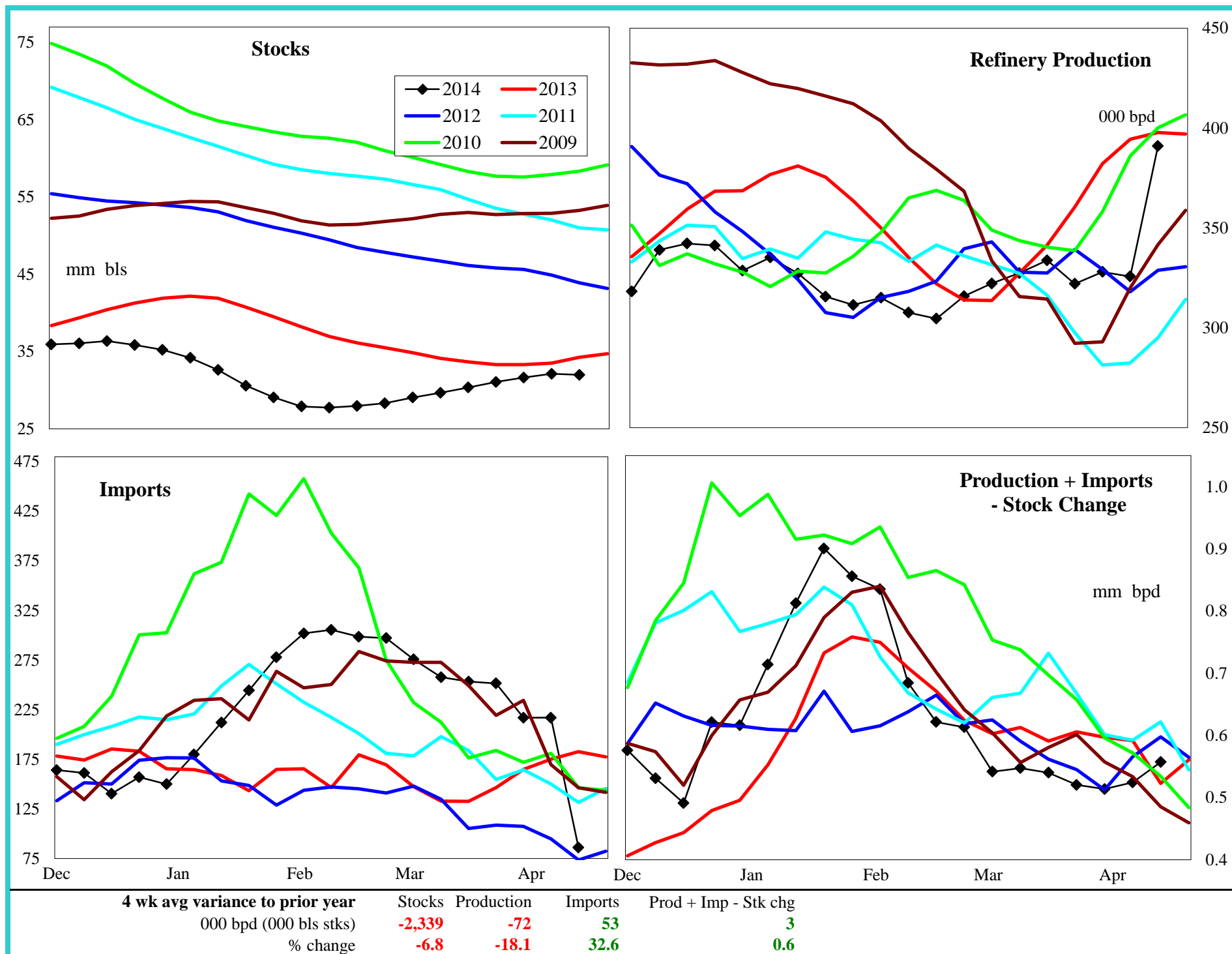
PADD 1 Reformulated Gasoline Supply



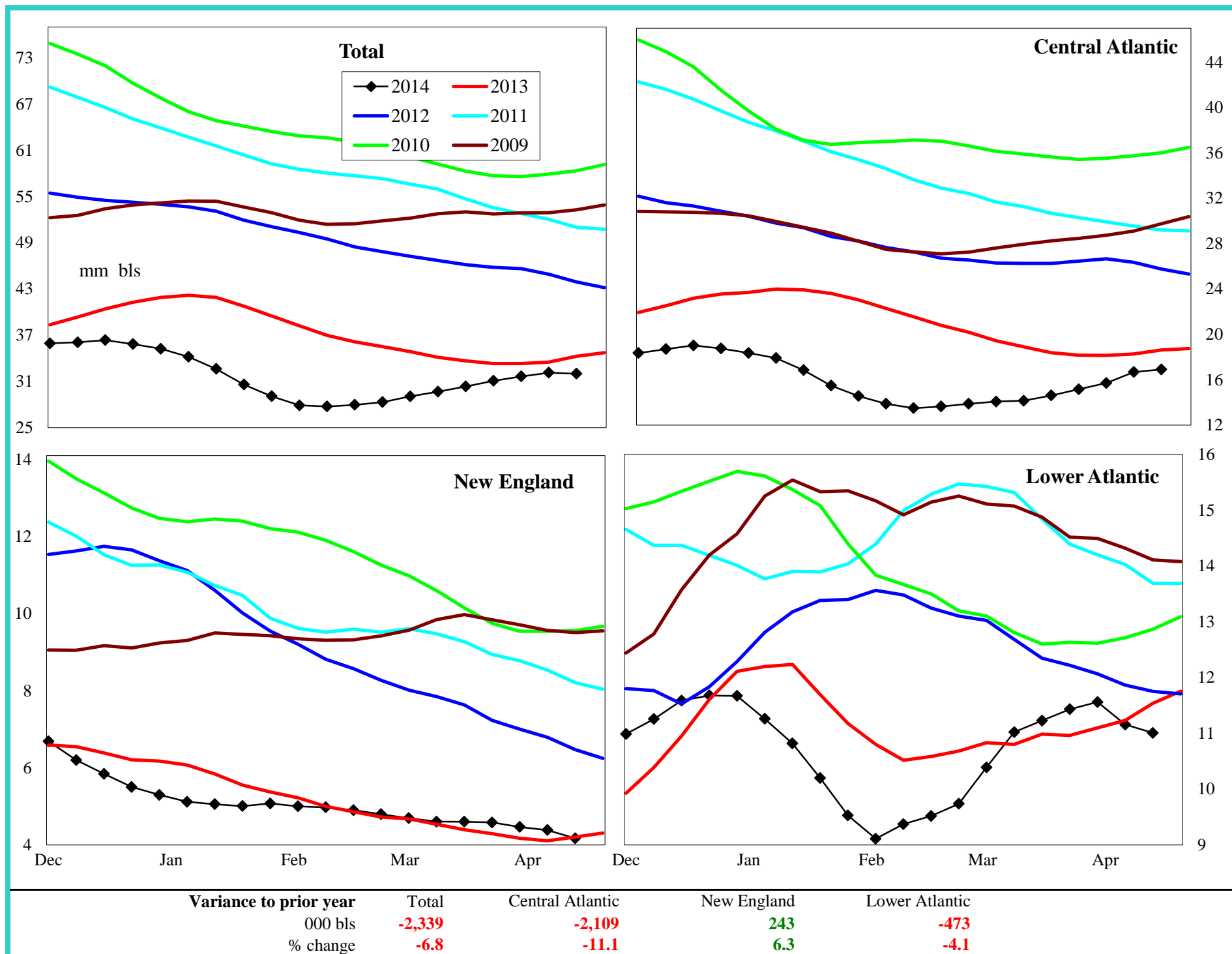
PADD 1 Conventional Gasoline Supply



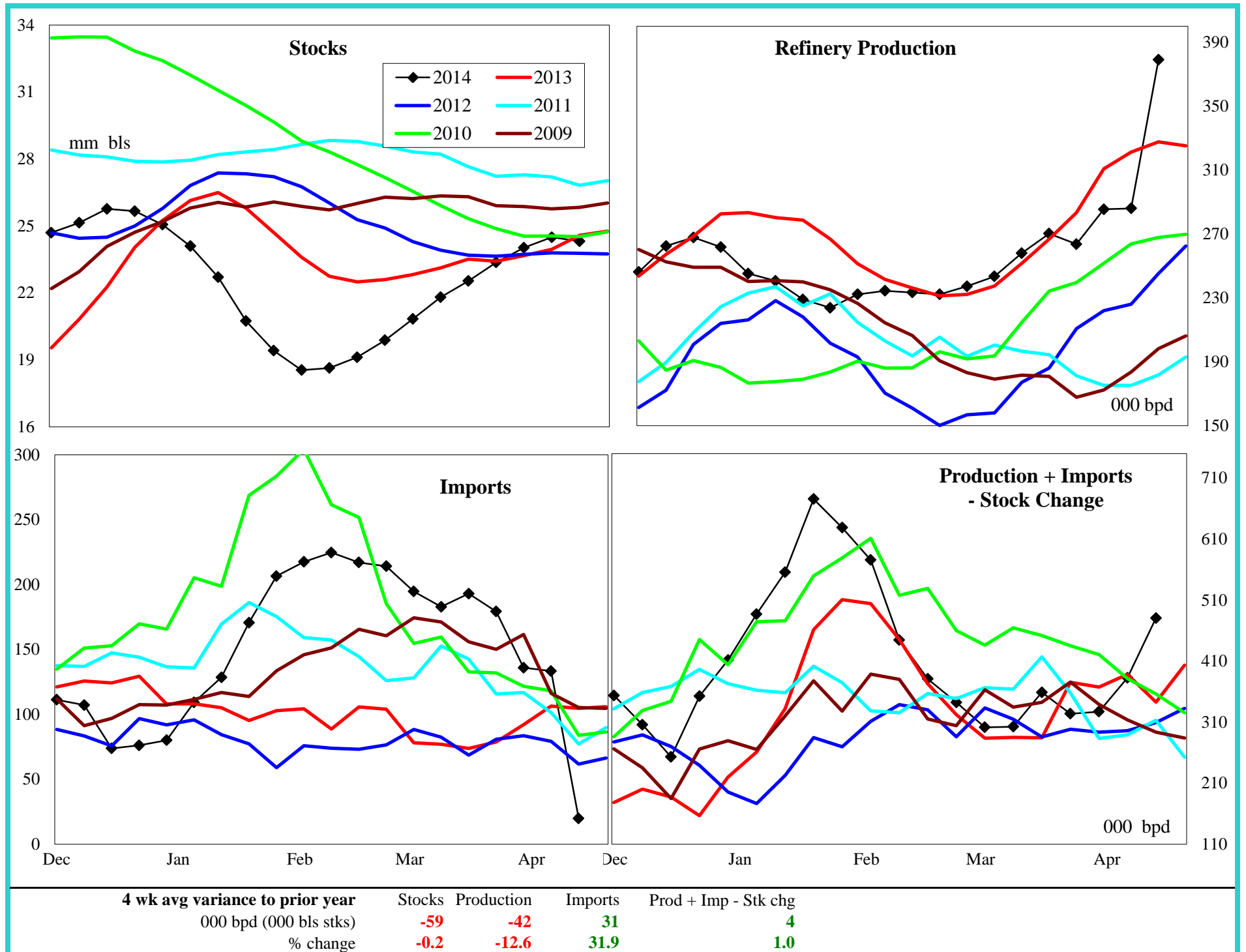
PADD 1 Distillate Supply



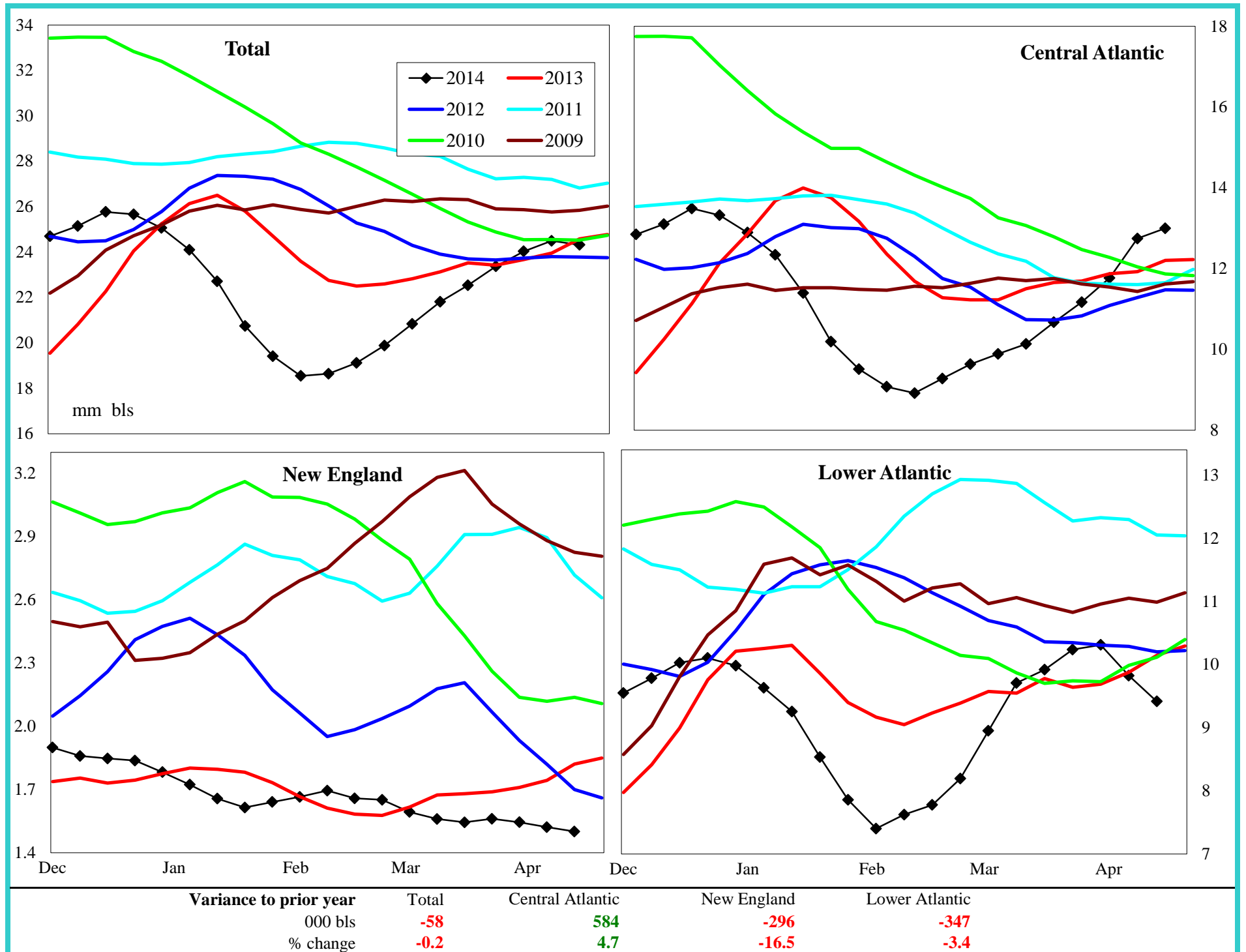
PADD 1 Distillate Stocks by Region



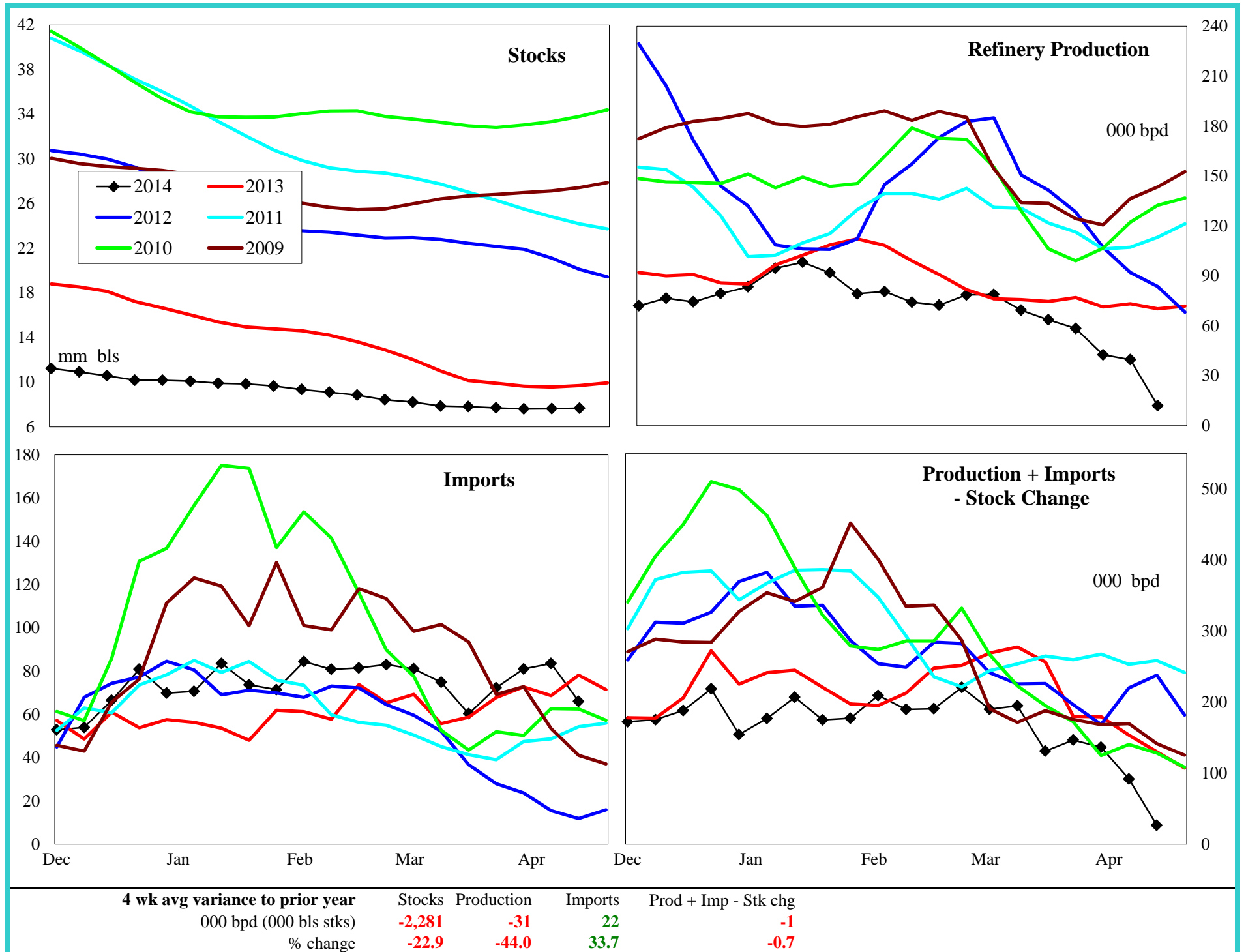
PADD 1 Low Sulfur Distillate Supply



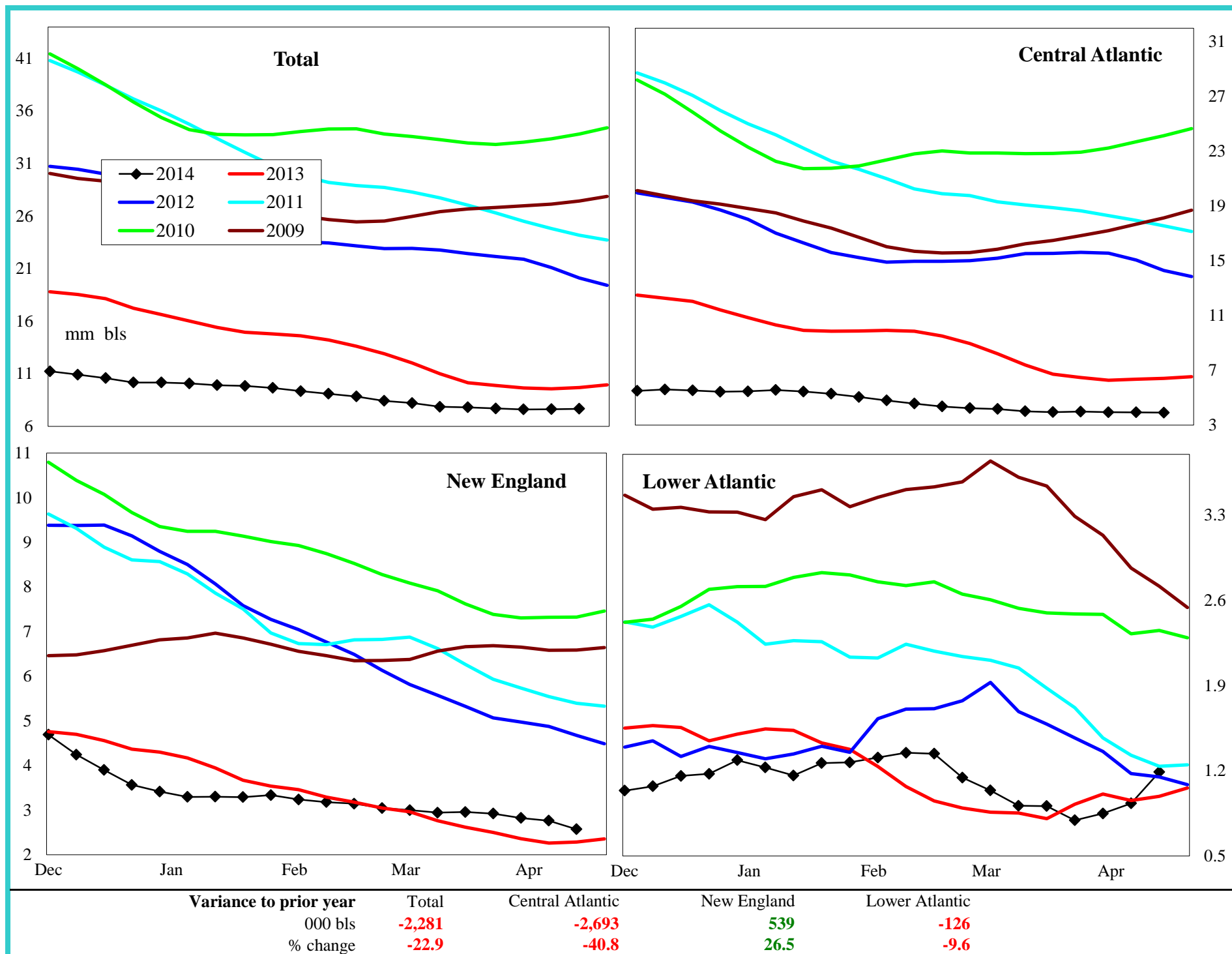
PADD 1 Low Sulfur Distillate Stocks by Region



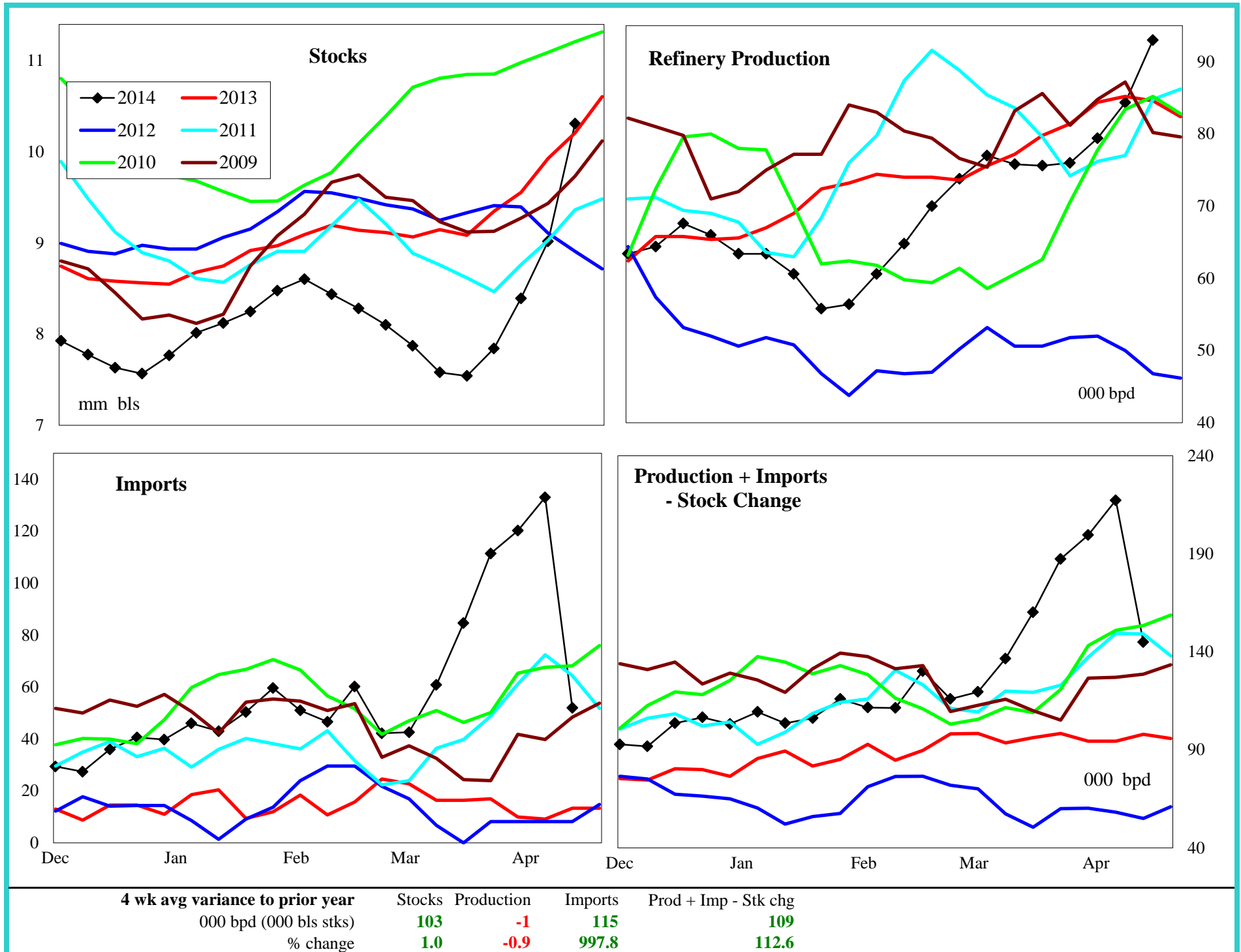
PADD 1 High Sulfur Distillate Supply



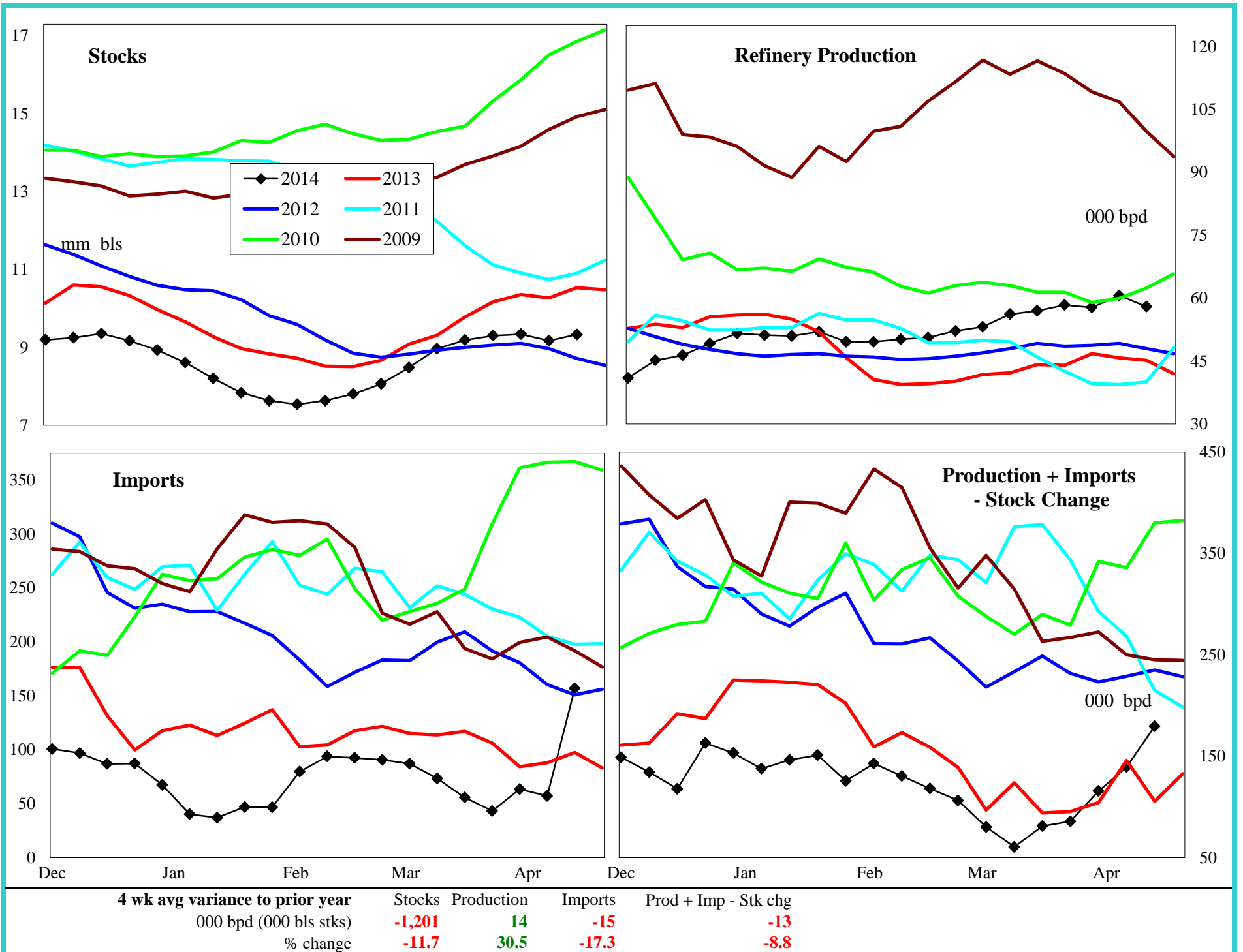
PADD 1 High Sulfur Distillate Stocks by Region



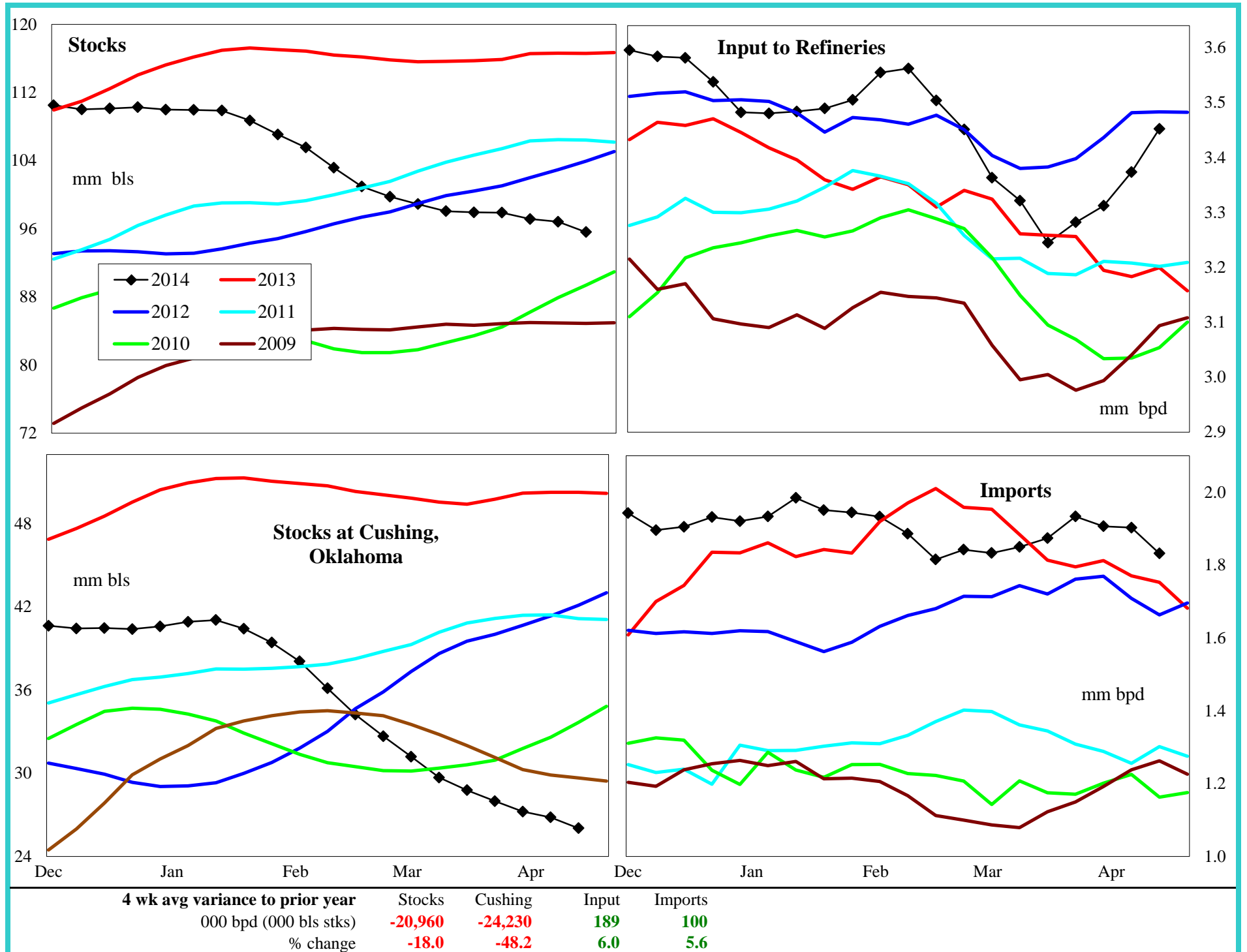
PADD 1 Jet Fuel Supply



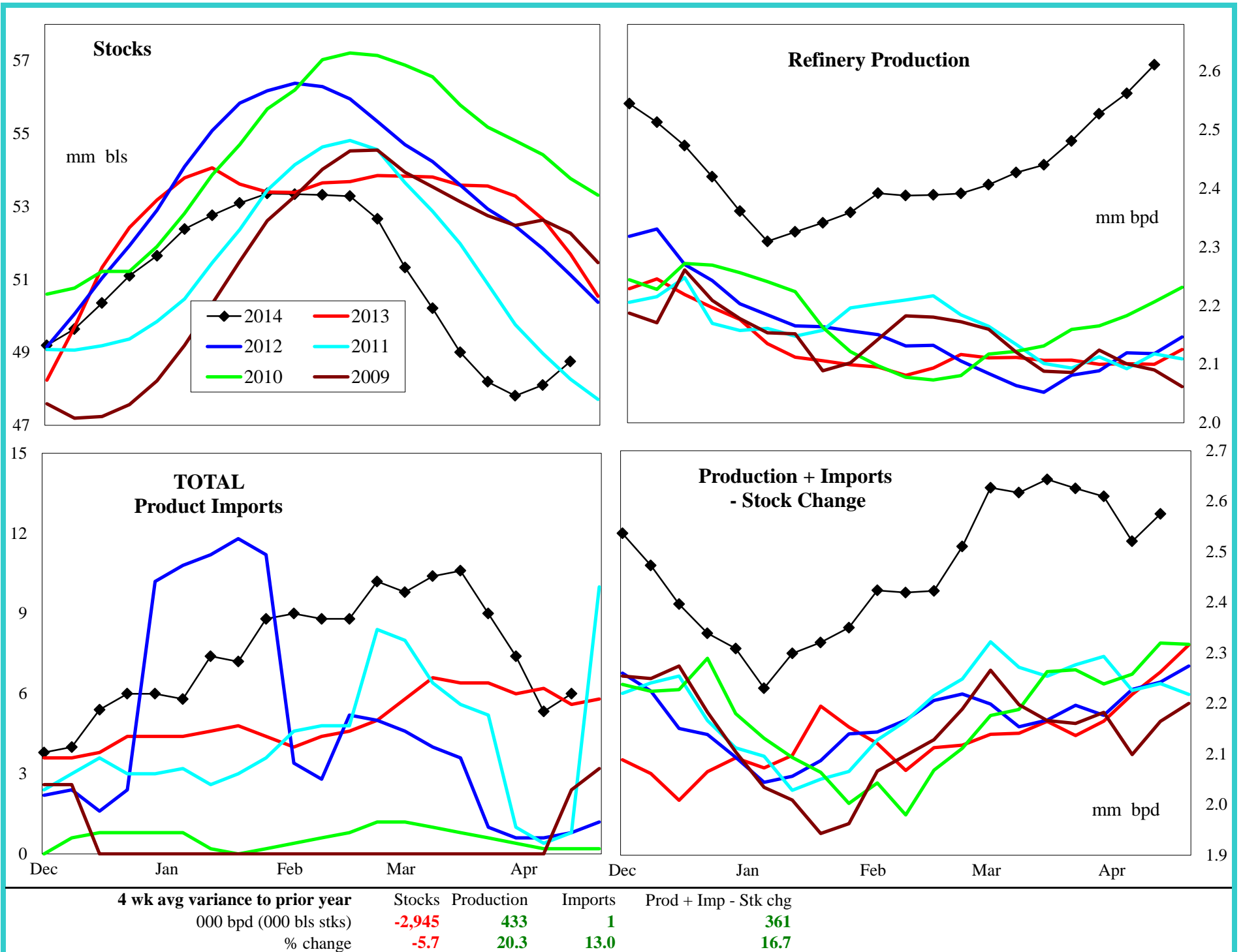
PADD 1 Residual Fuel Oil Supply



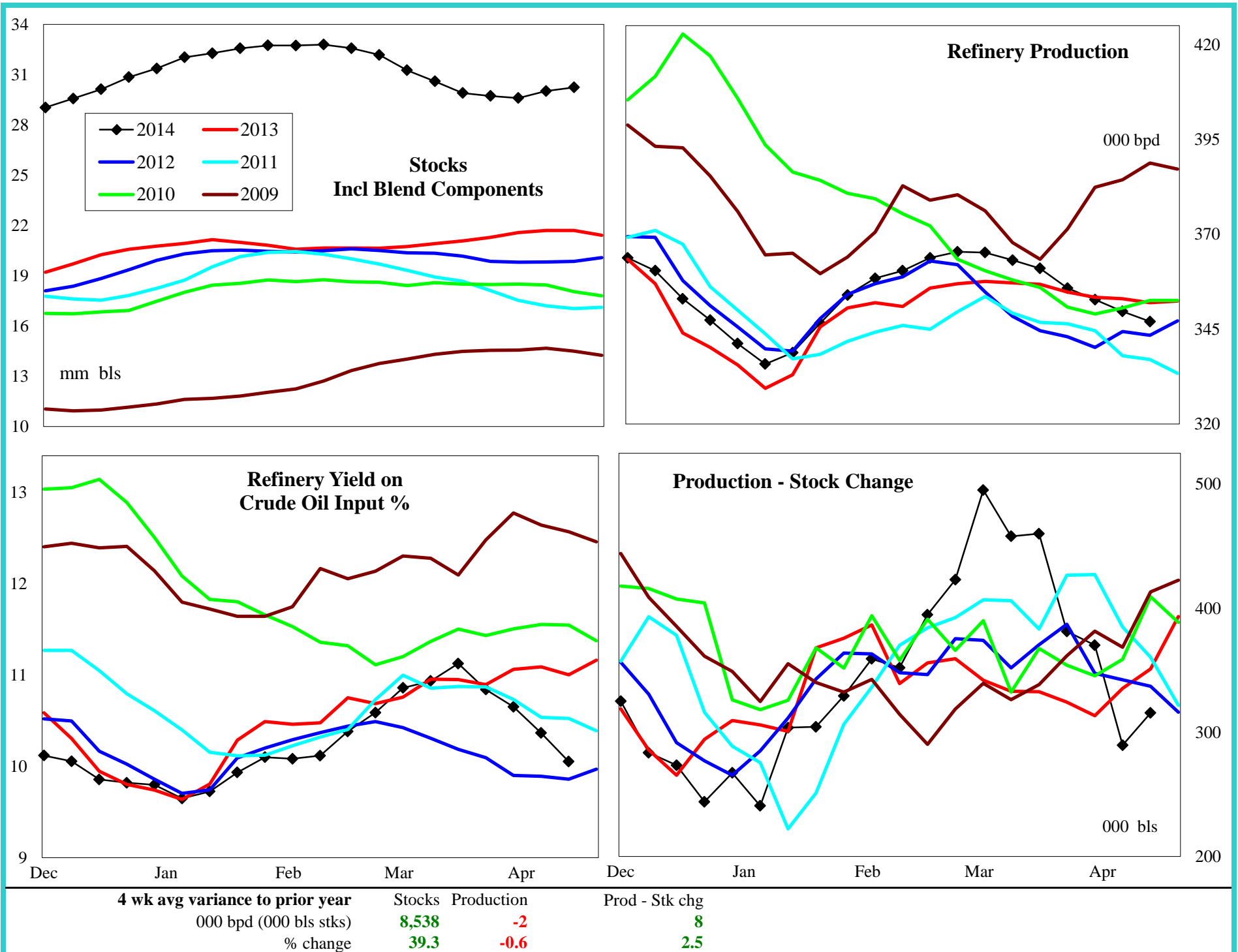
PADD 2 Crude Oil Supply and Refining



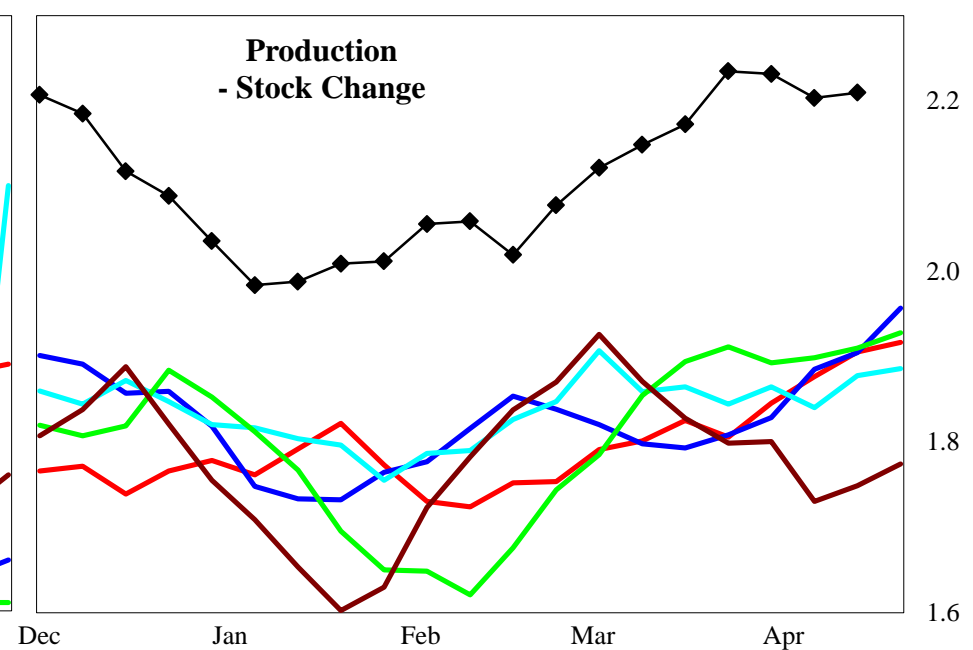
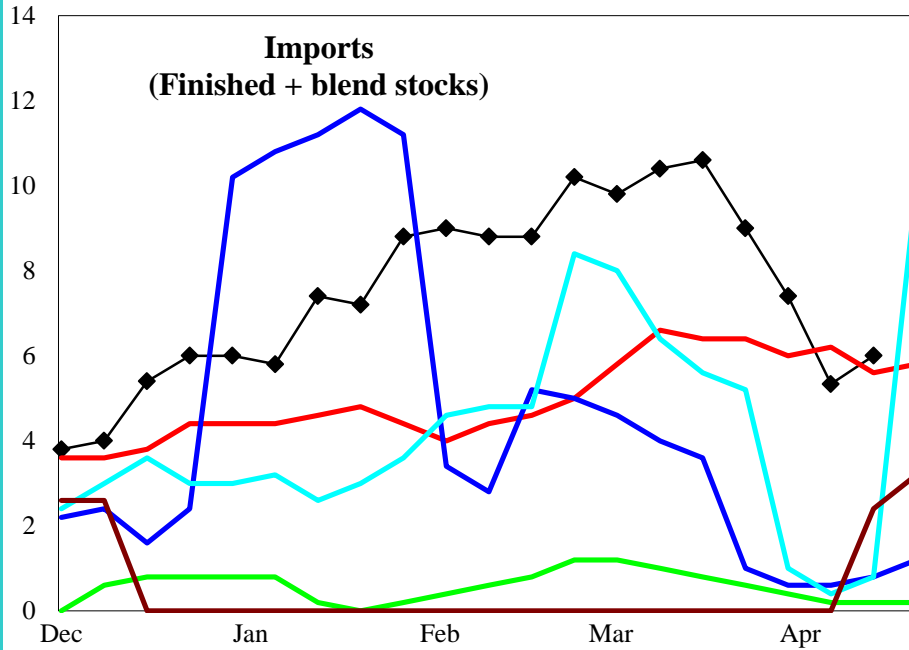
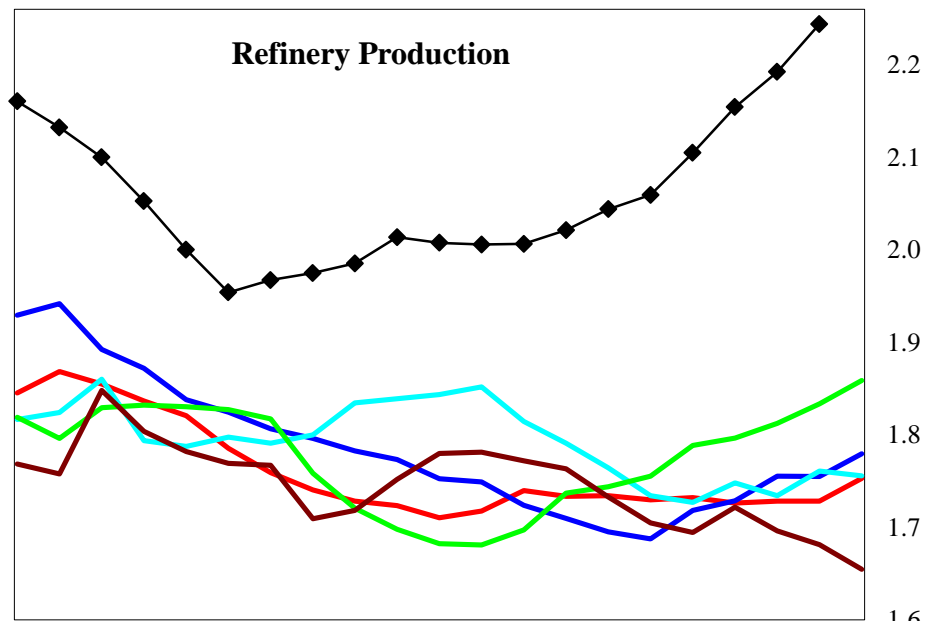
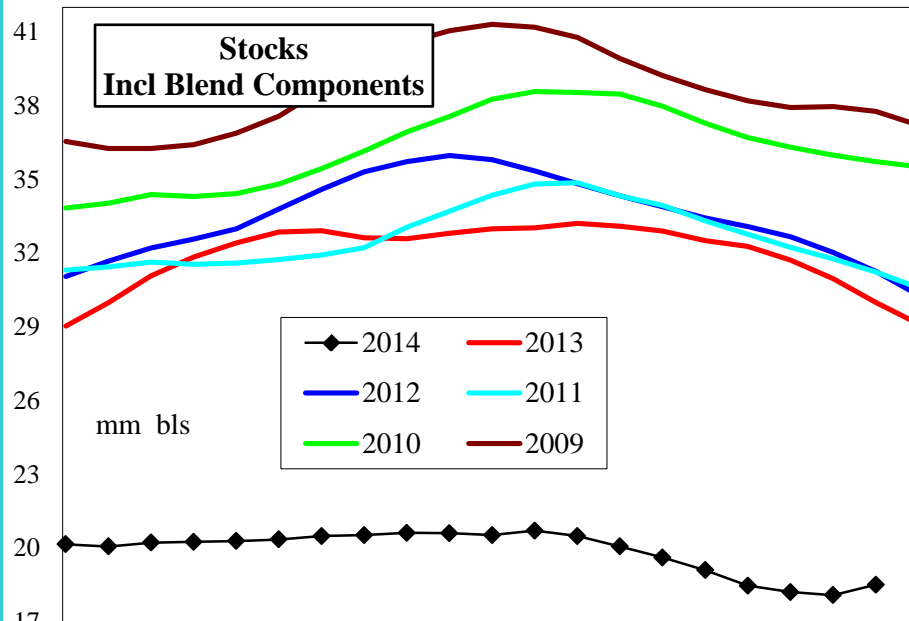
PADD 2 Gasoline Supply



PADD 2 Reformulated Gasoline Supply



PADD 2 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bbls stks)

% change

Stocks

-11,862

-39.1

Production

435

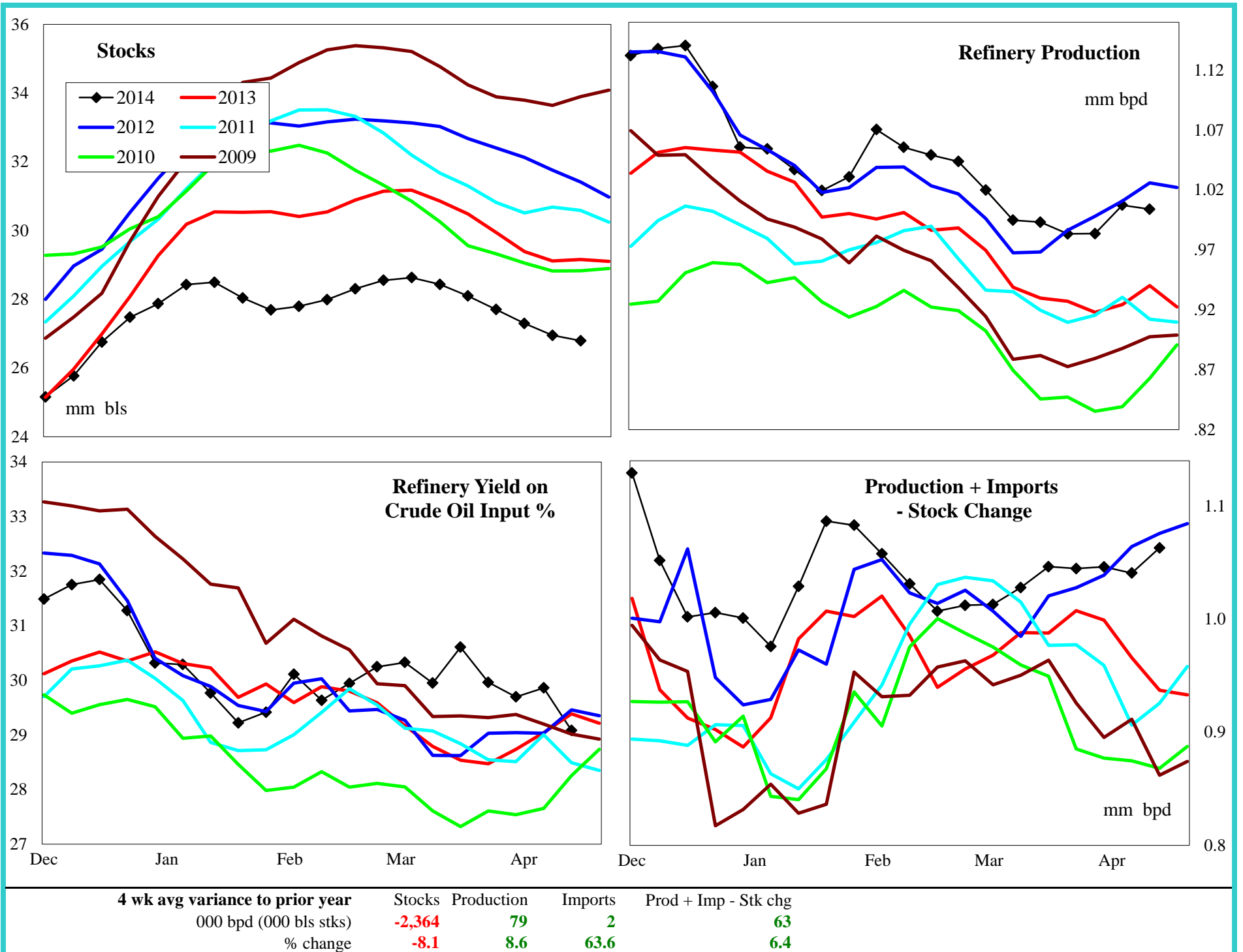
24.4

Prod - Stk chg

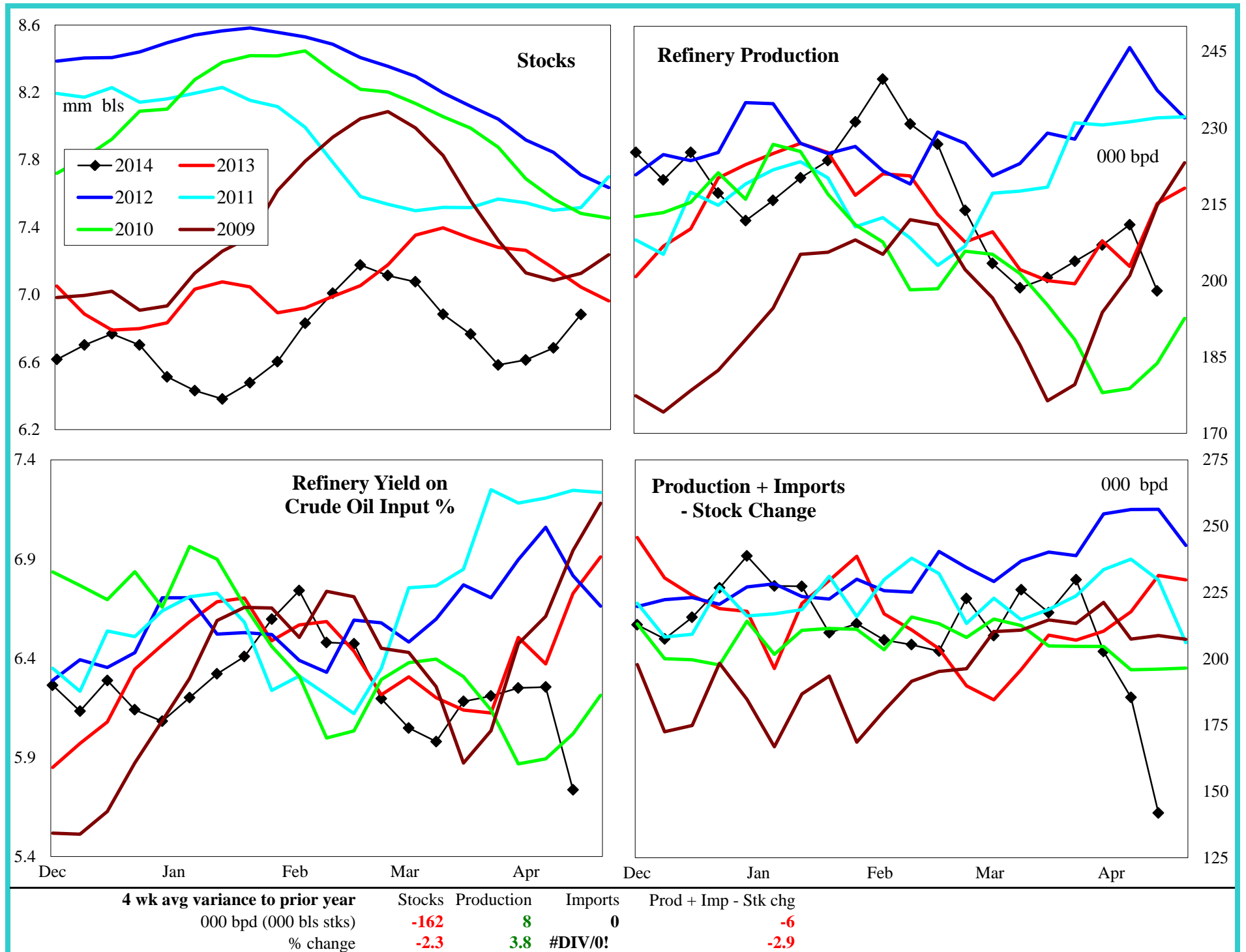
377

20.3

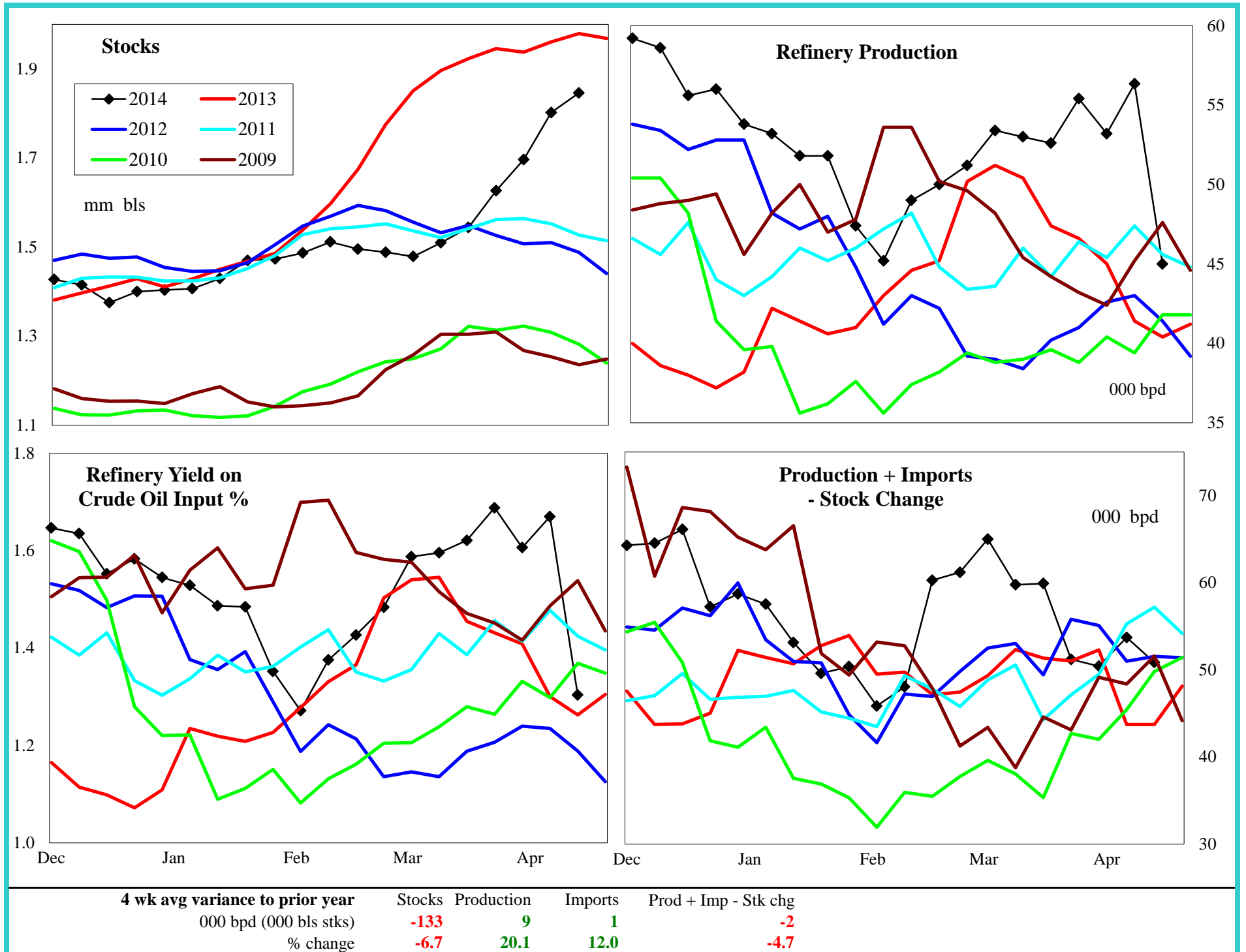
PADD 2 Distillate Supply



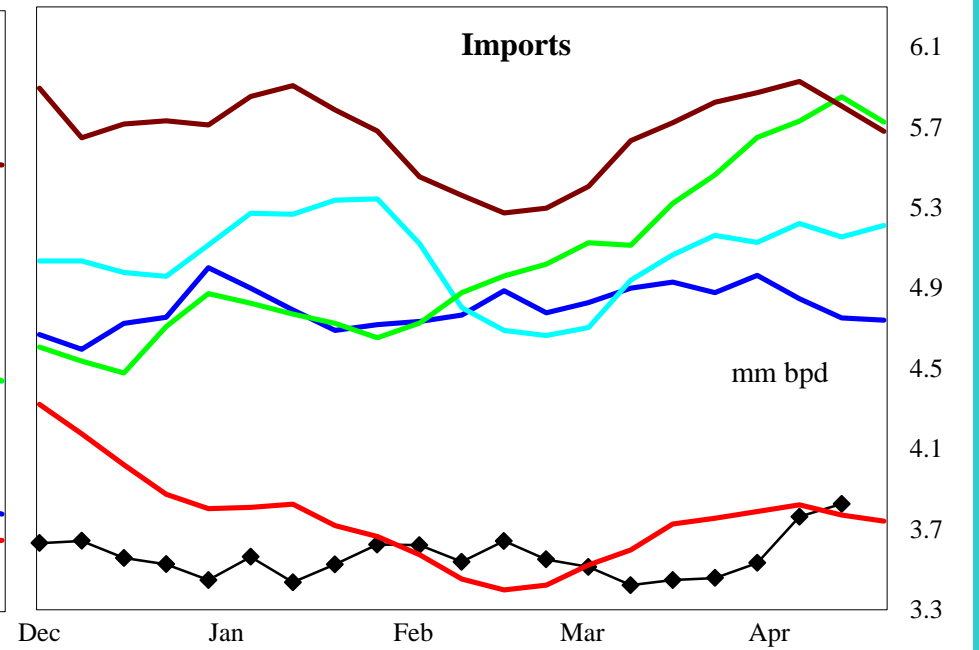
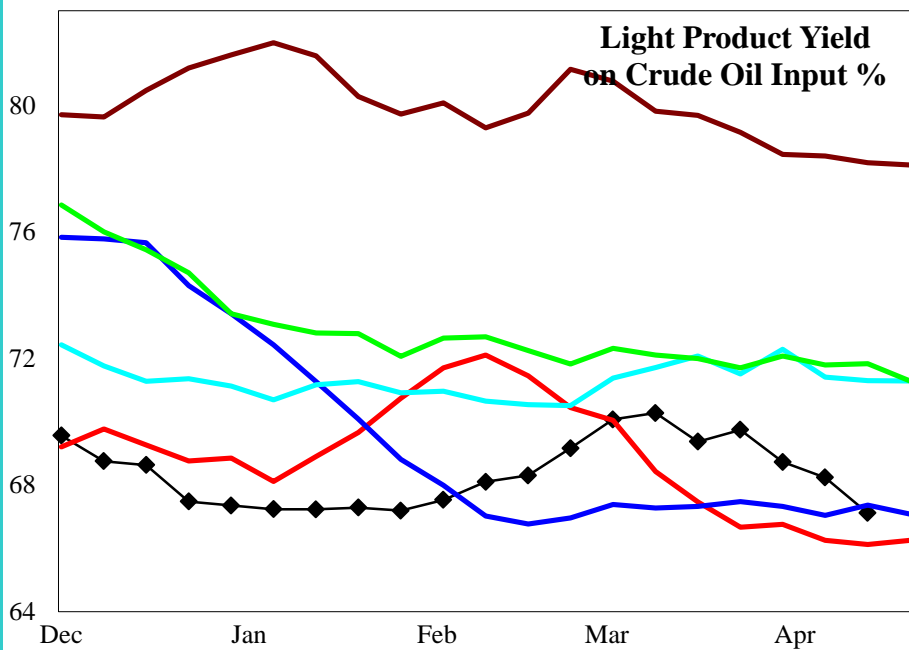
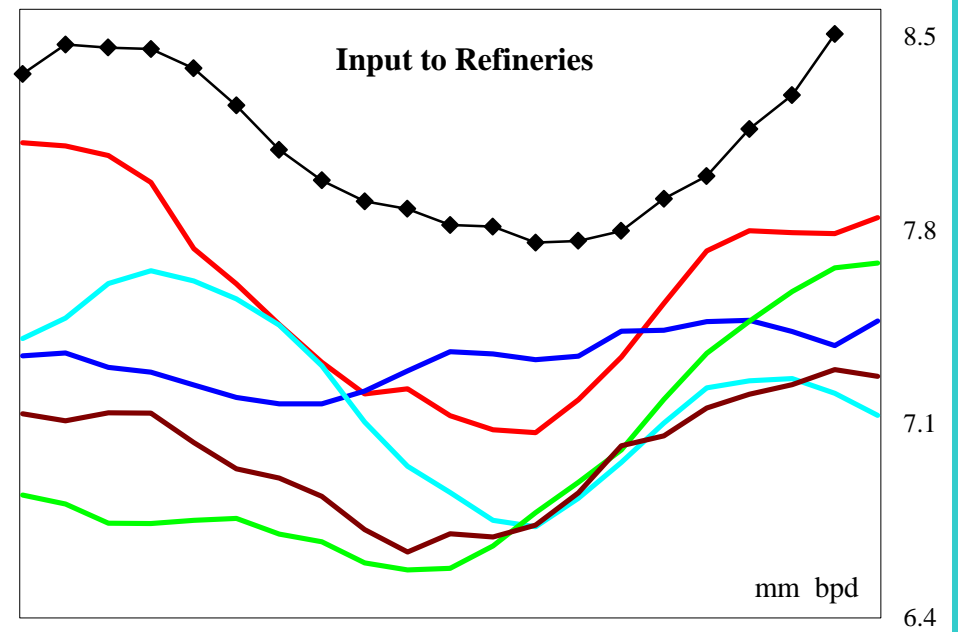
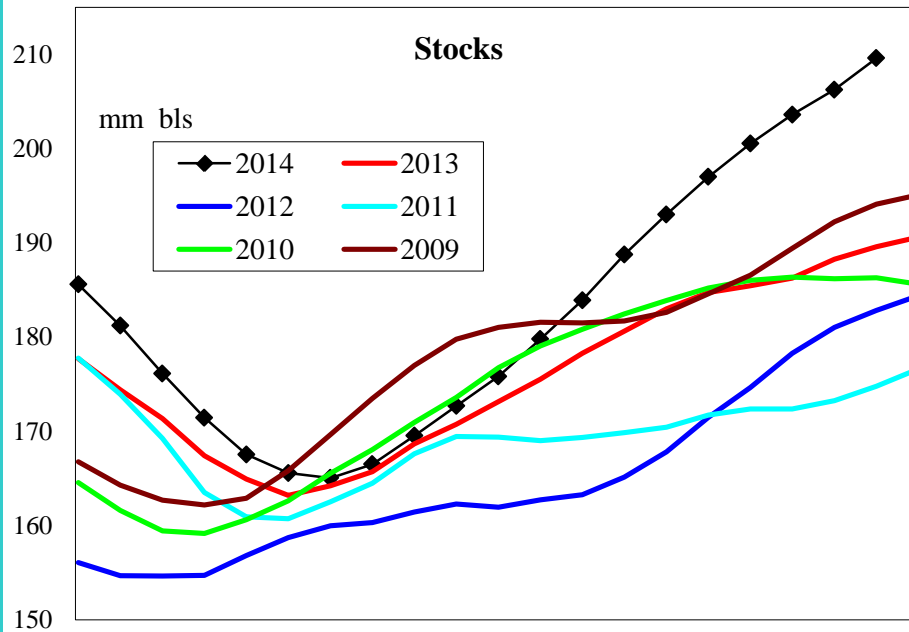
PADD 2 Jet Fuel Supply



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

20,013

10.6

Input

397

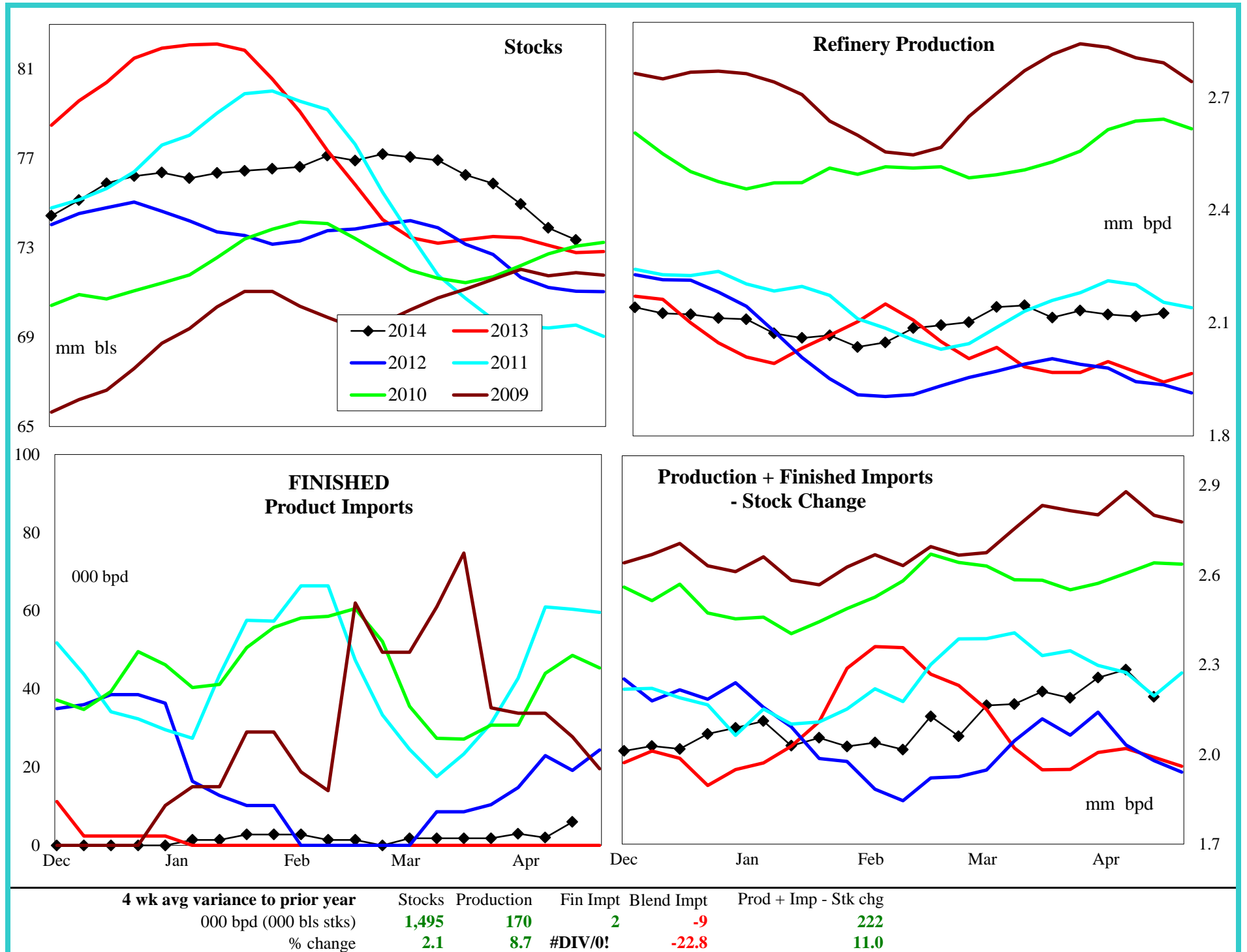
5.1

Imports

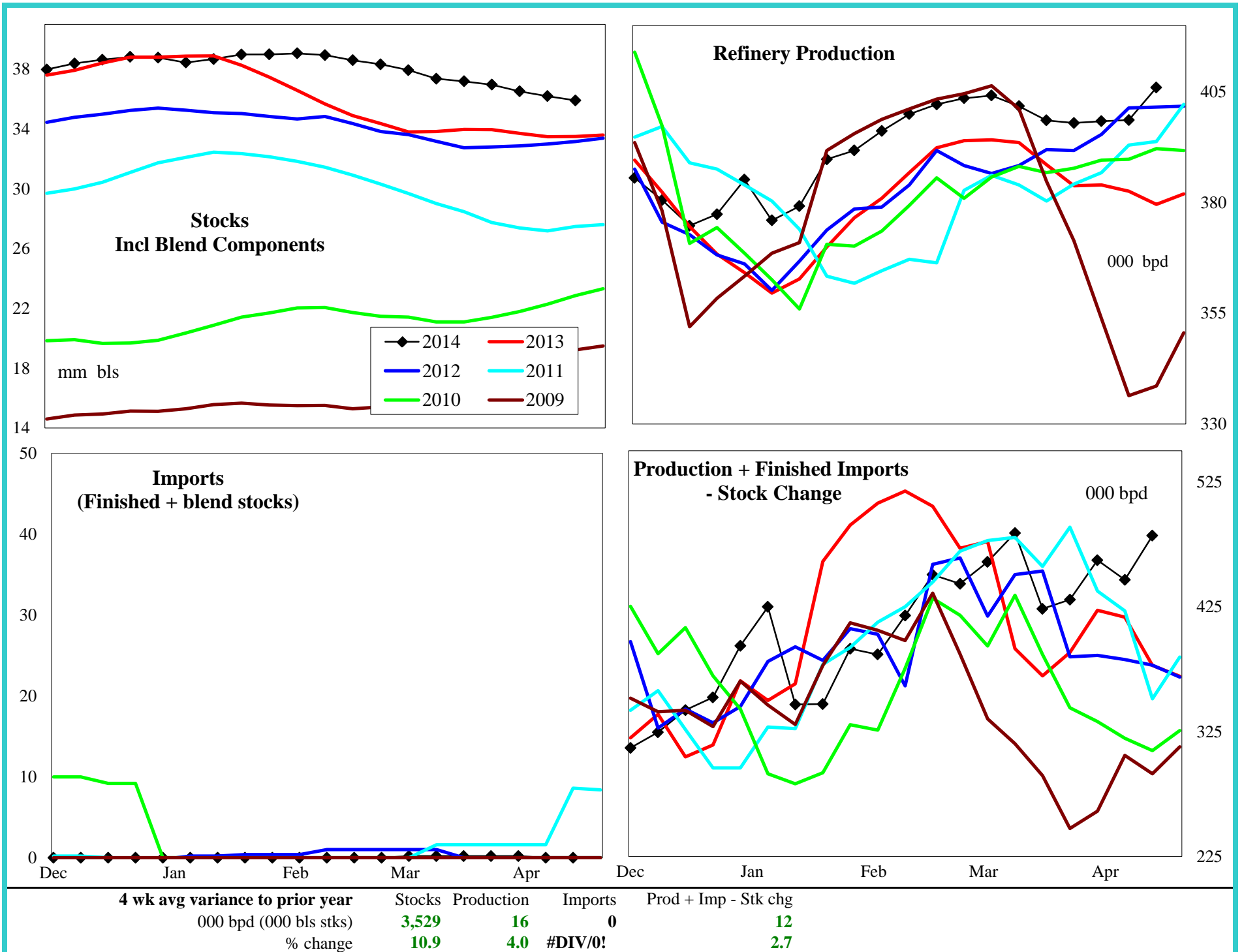
-162

-4.3

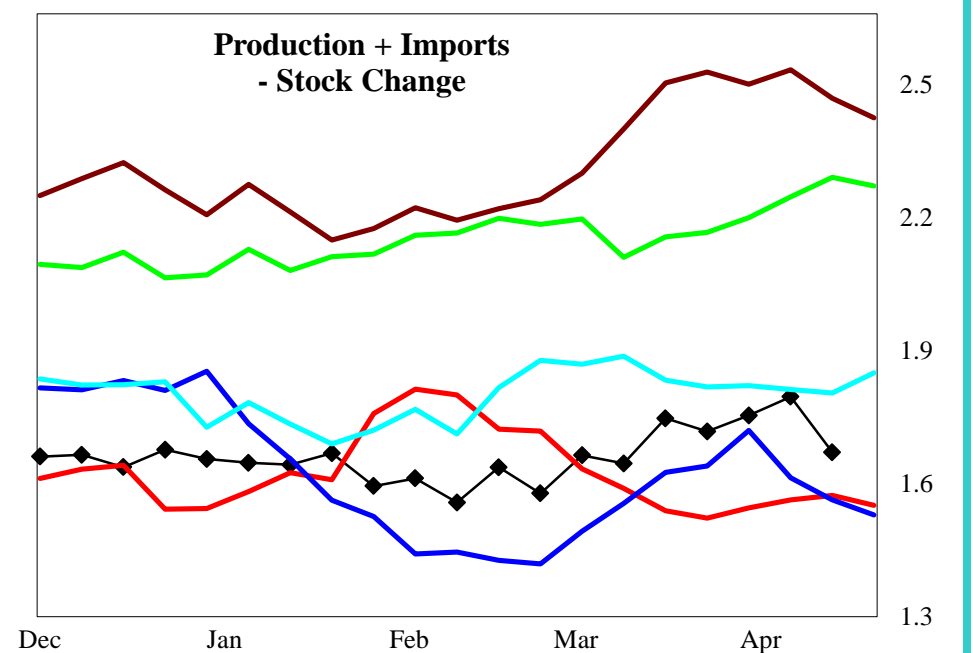
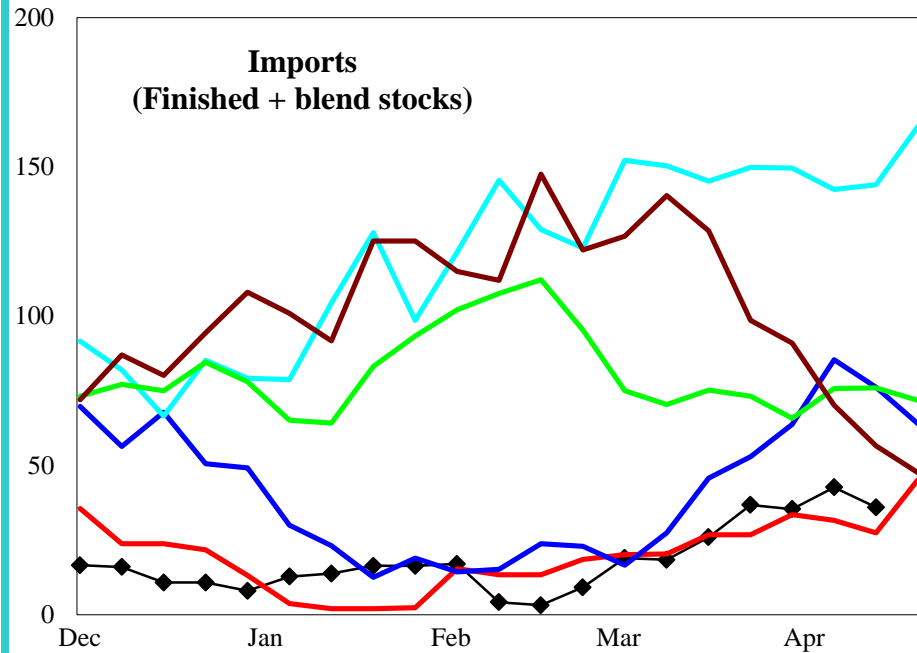
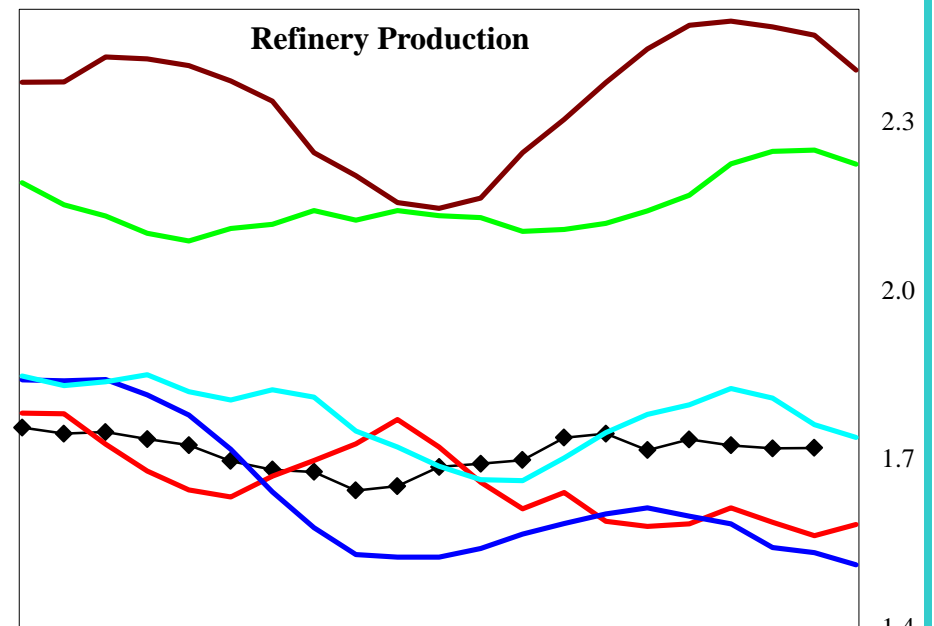
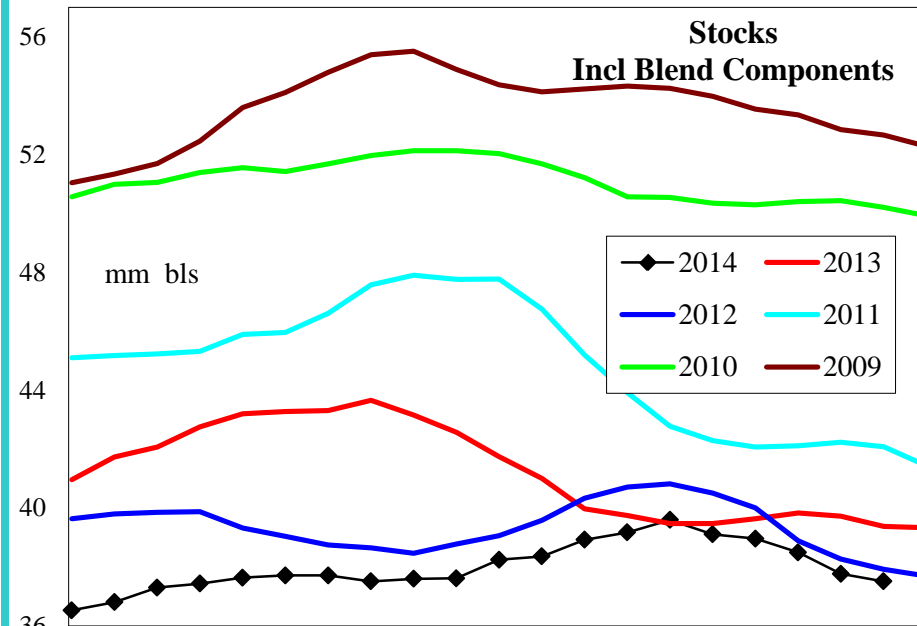
PADD 3 Gasoline Supply



PADD 3 Reformulated Gasoline Supply



PADD 3 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-2,054

-5.2

Production

155

9.8

Imports

-8

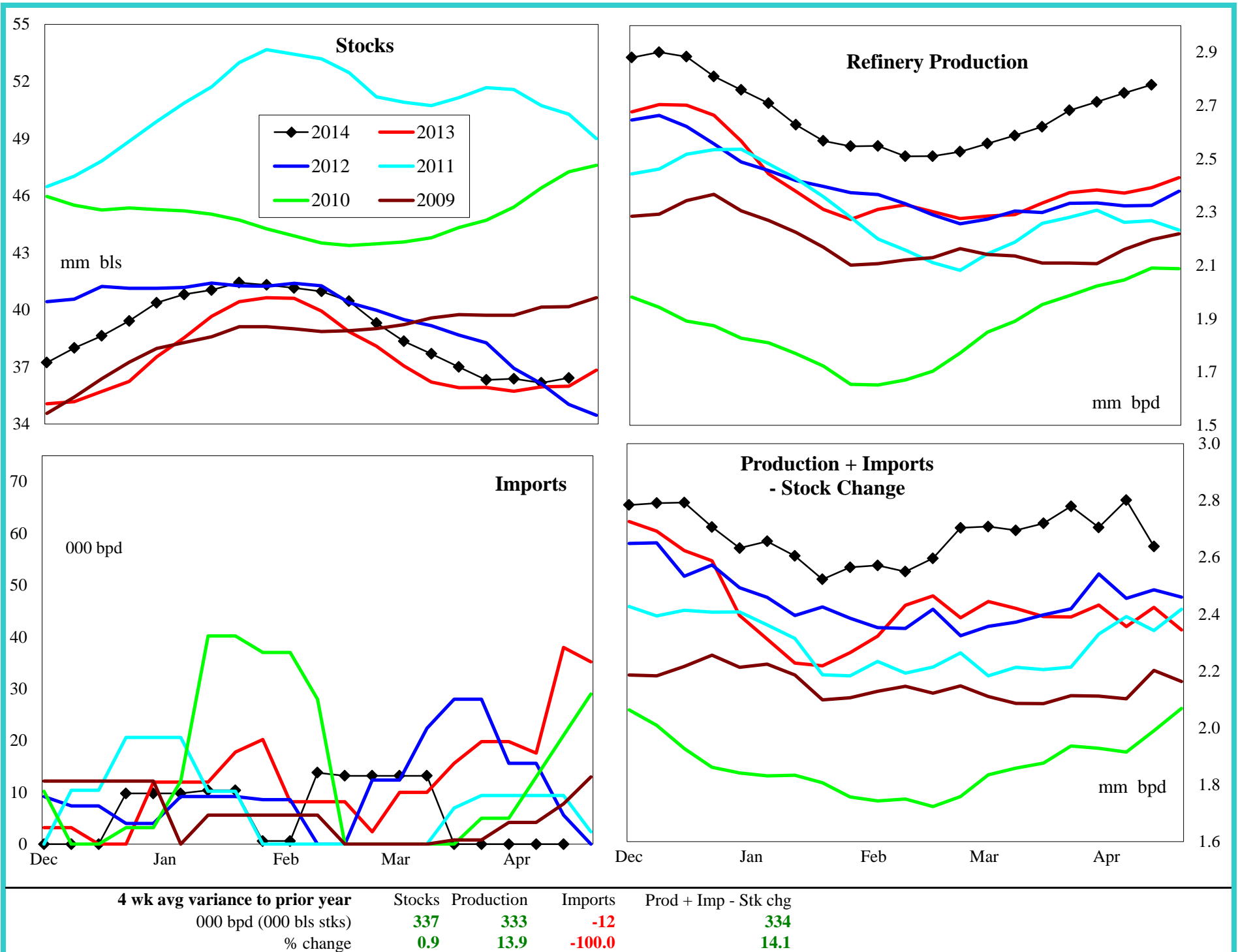
-19.0

Prod + Imp - Stk chg

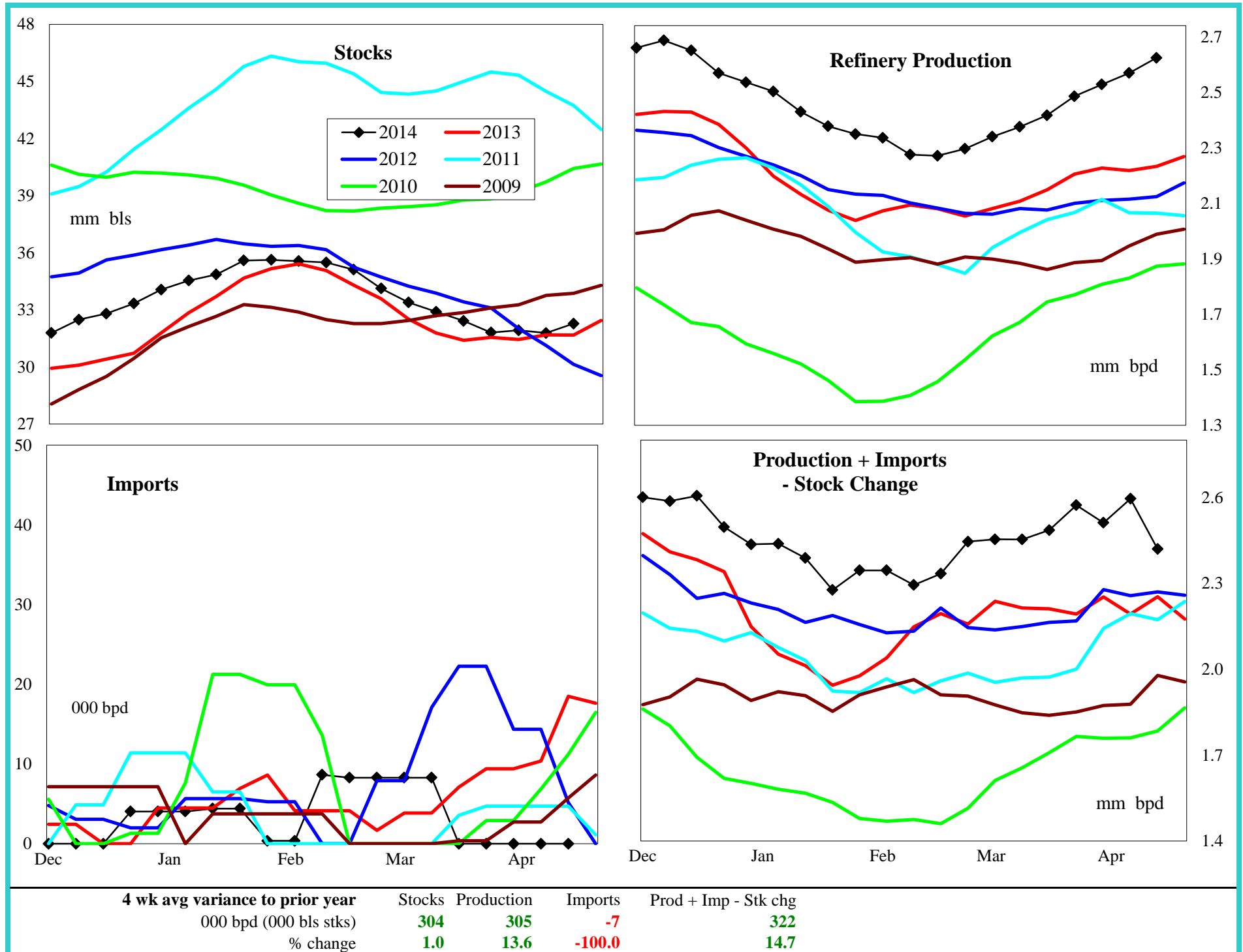
208

13.1

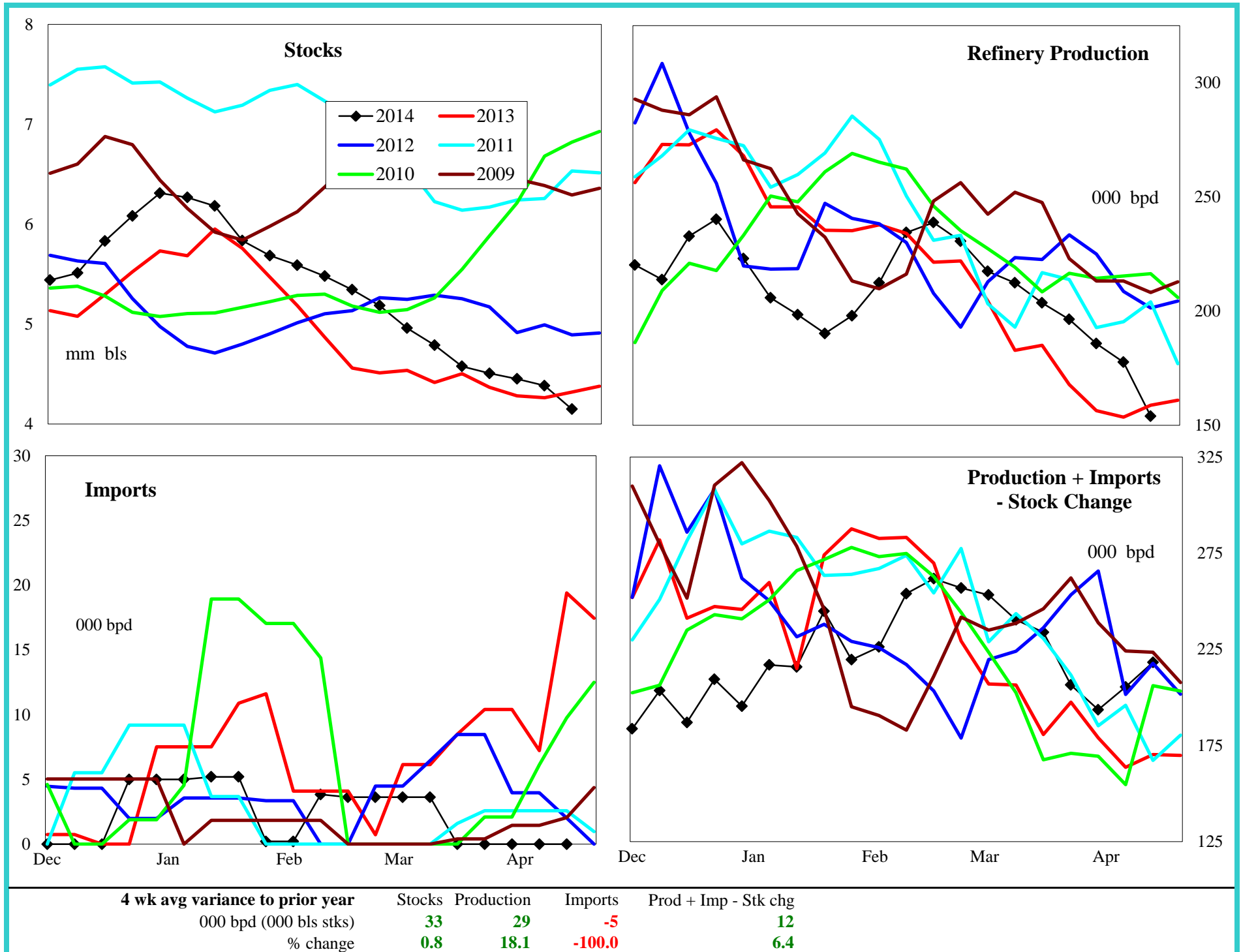
PADD 3 Distillate Supply



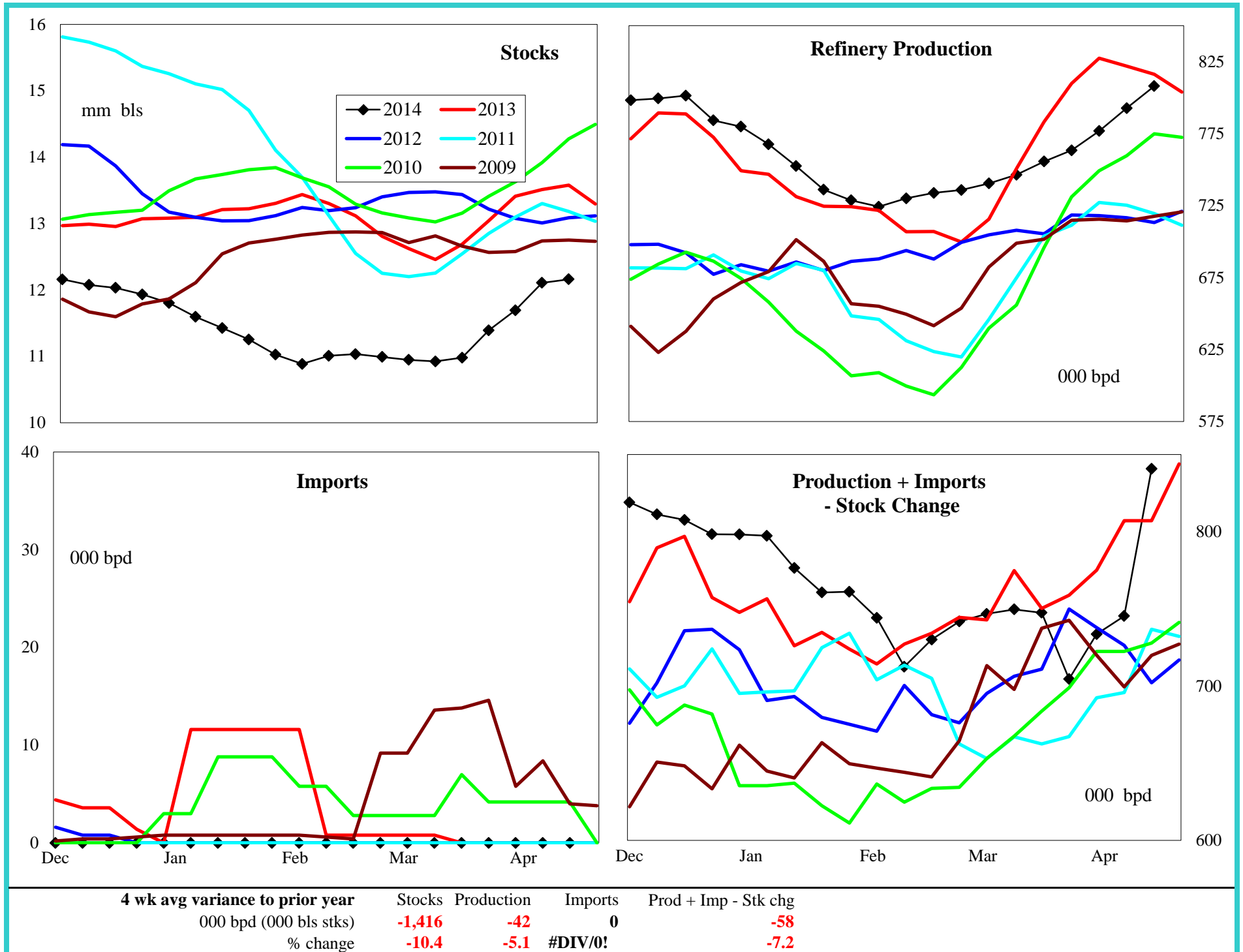
PADD 3 Low Sulfur Distillate Supply



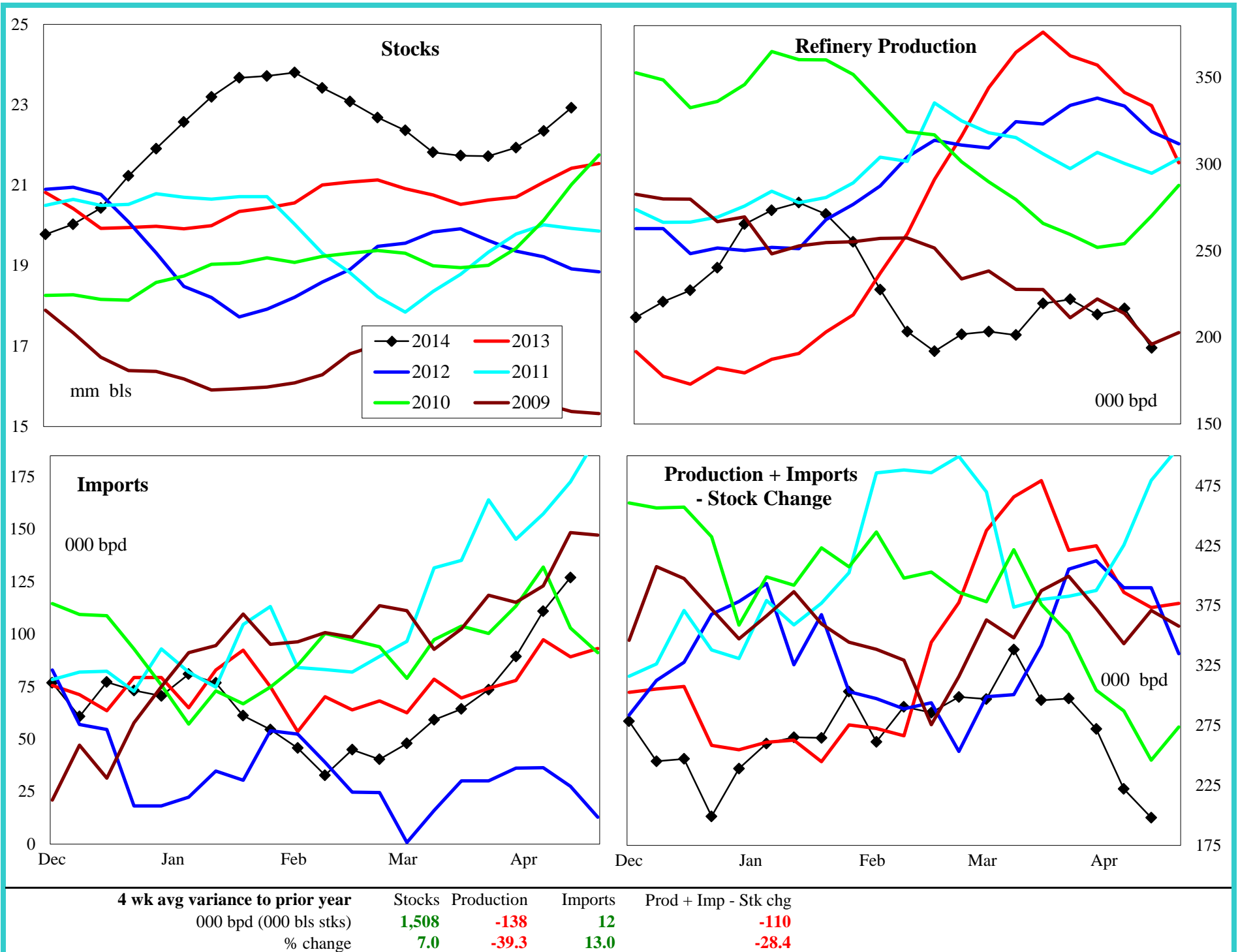
PADD 3 High Sulfur Distillate Supply



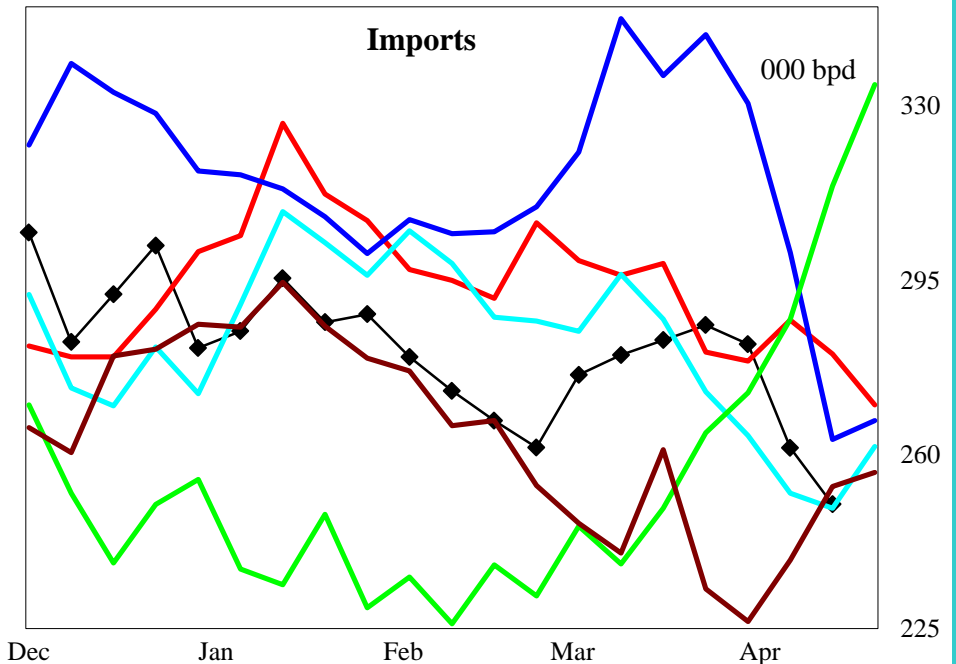
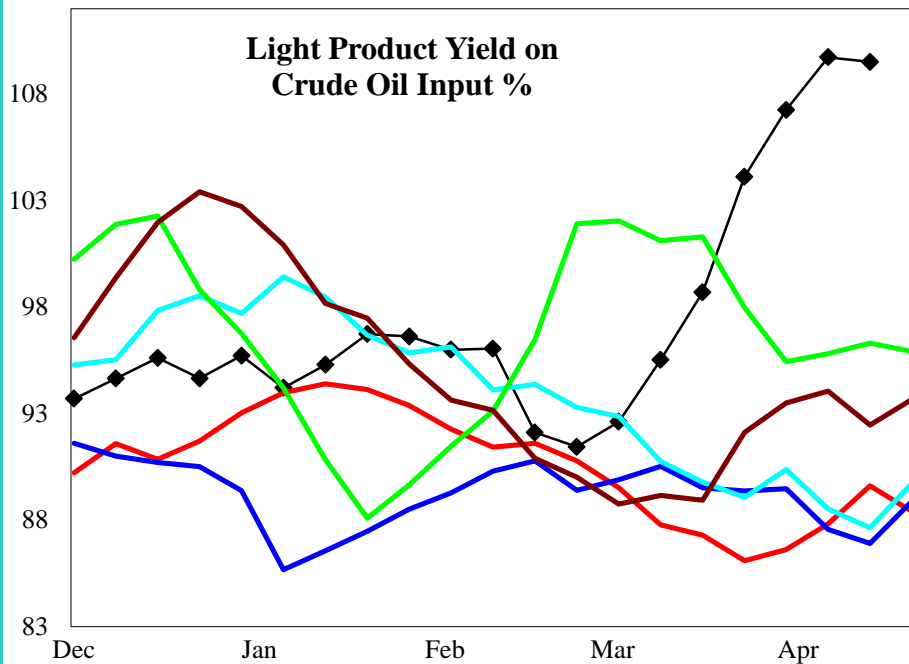
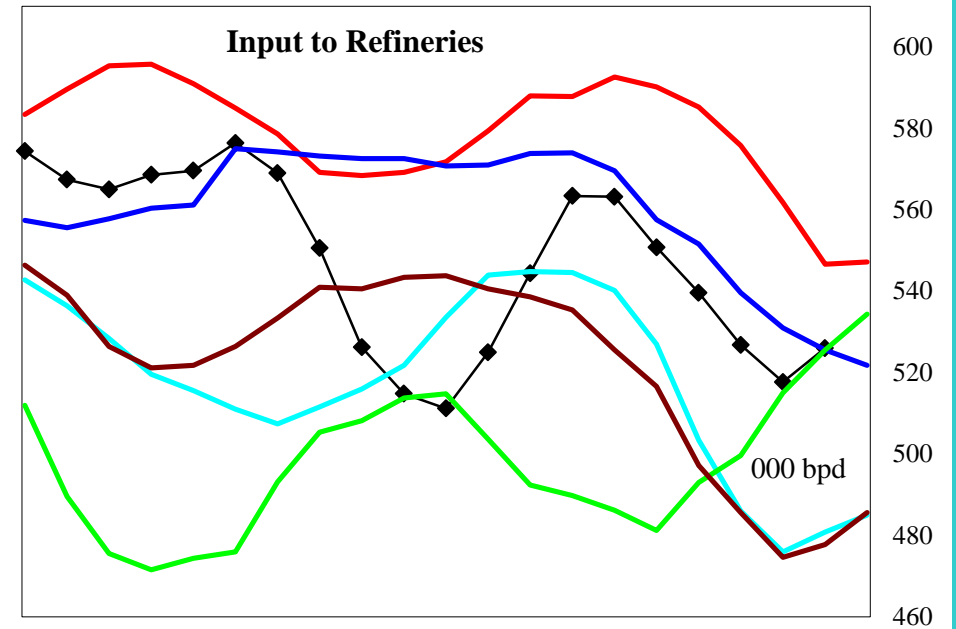
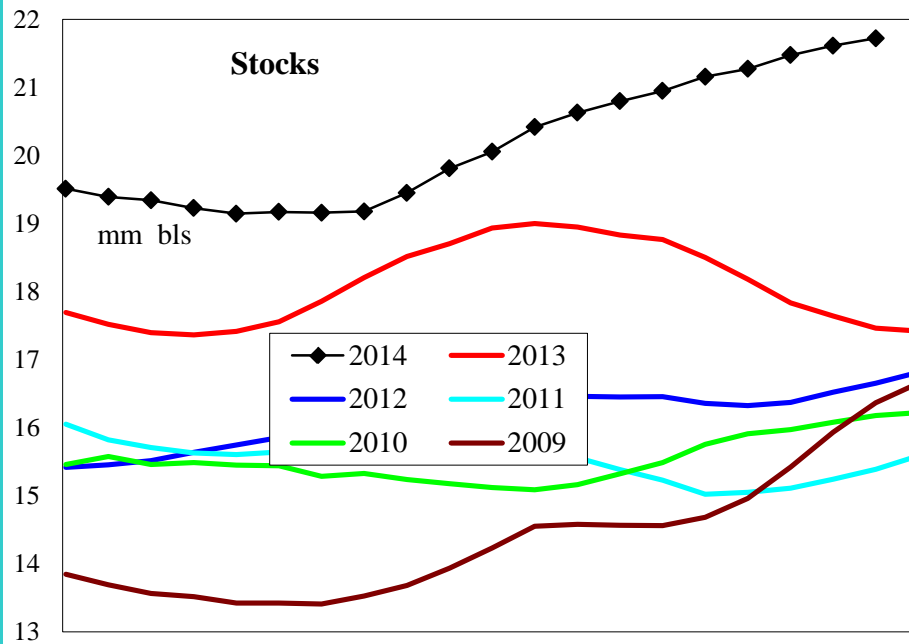
PADD 3 Jet Fuel Supply



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

4,261

23.9

Input

-54

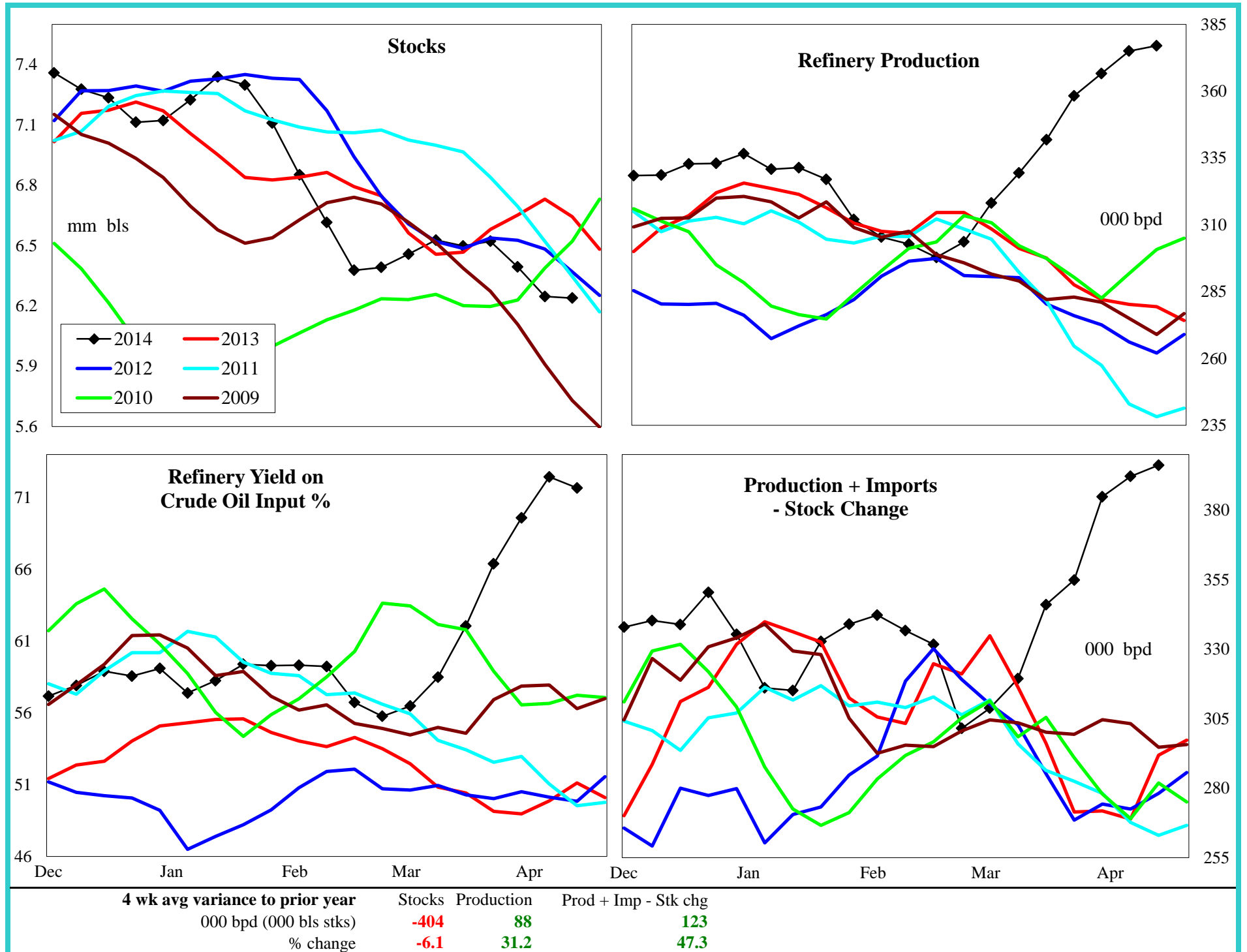
-9.4

Imports

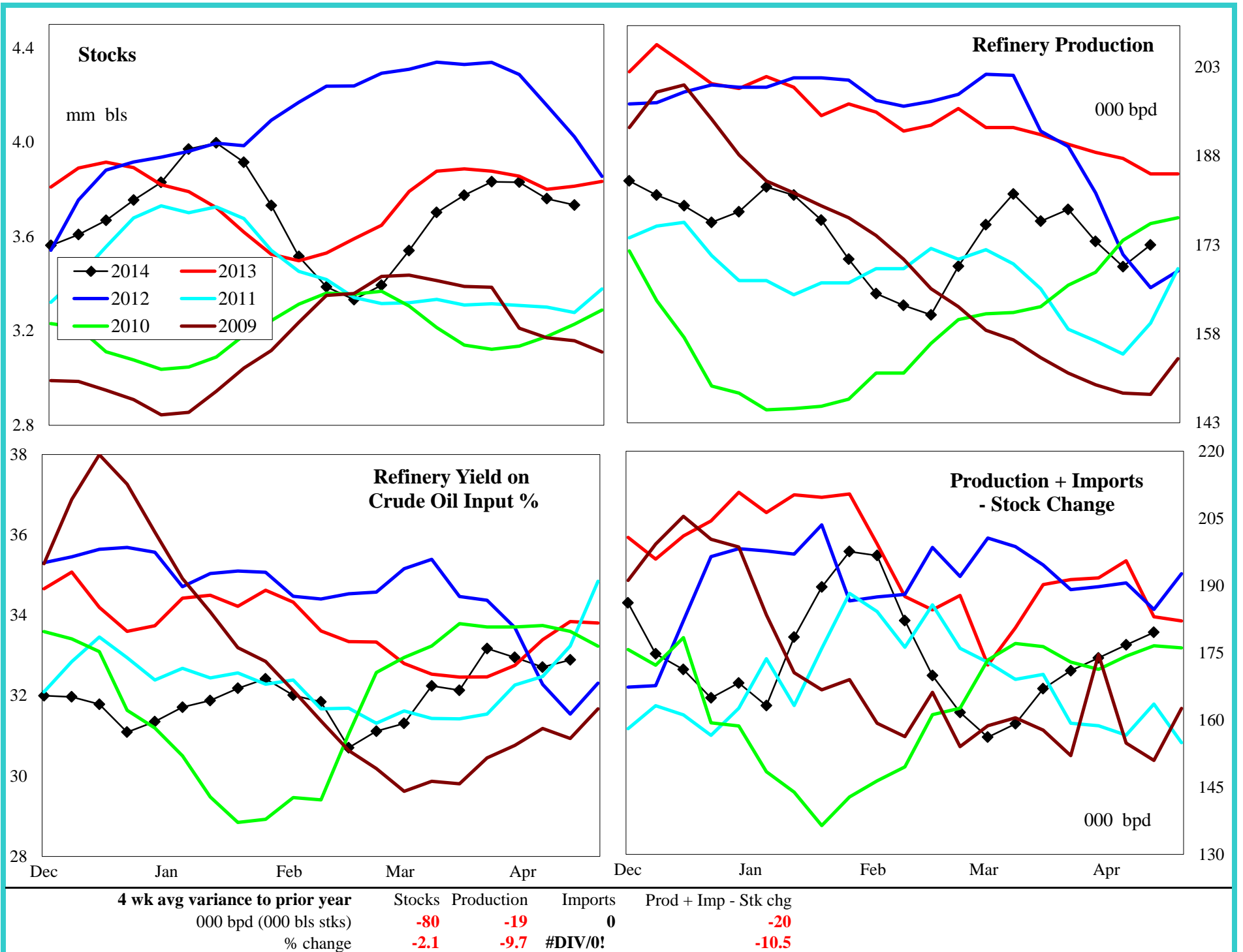
-26

-8.9

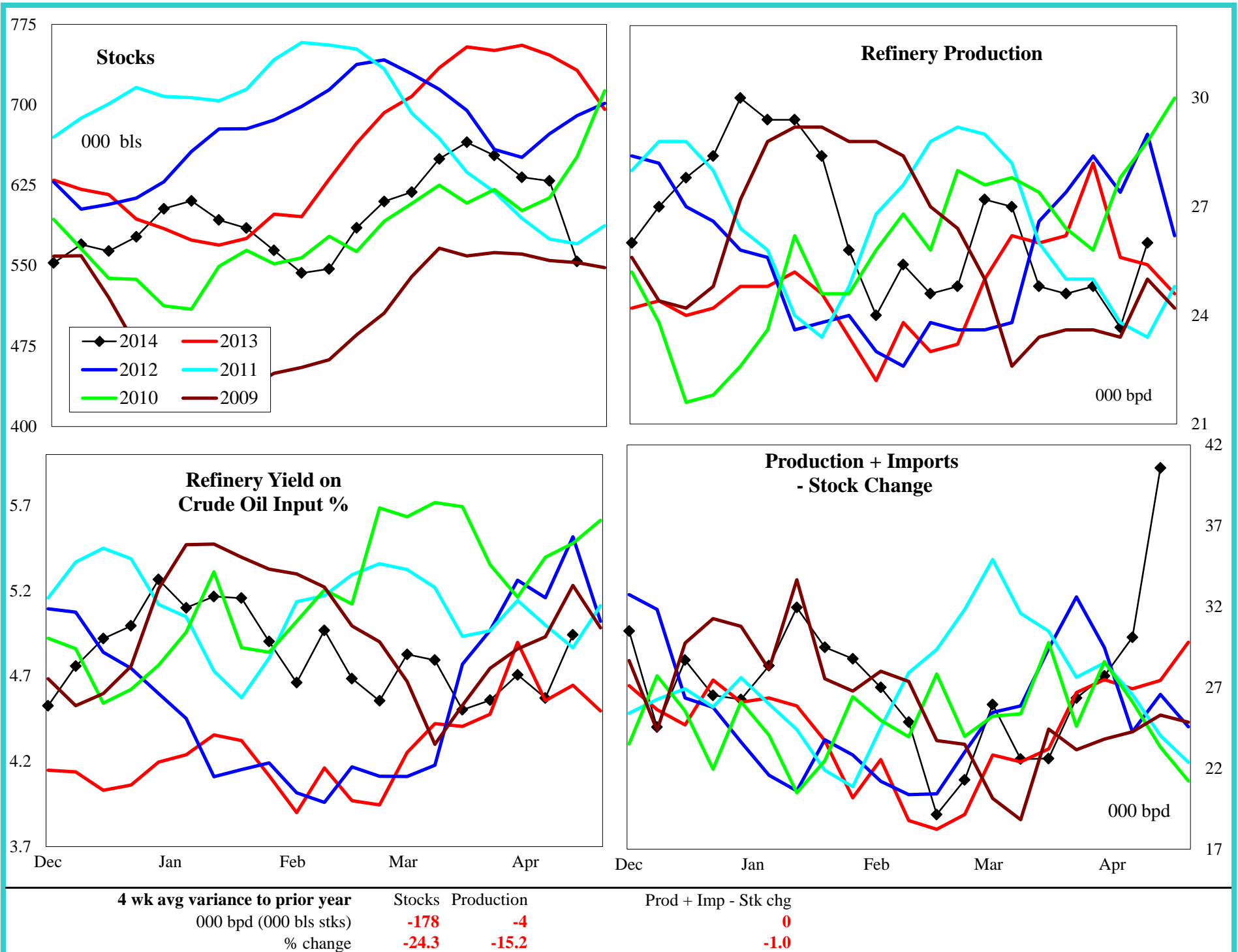
PADD 4 Gasoline Supply



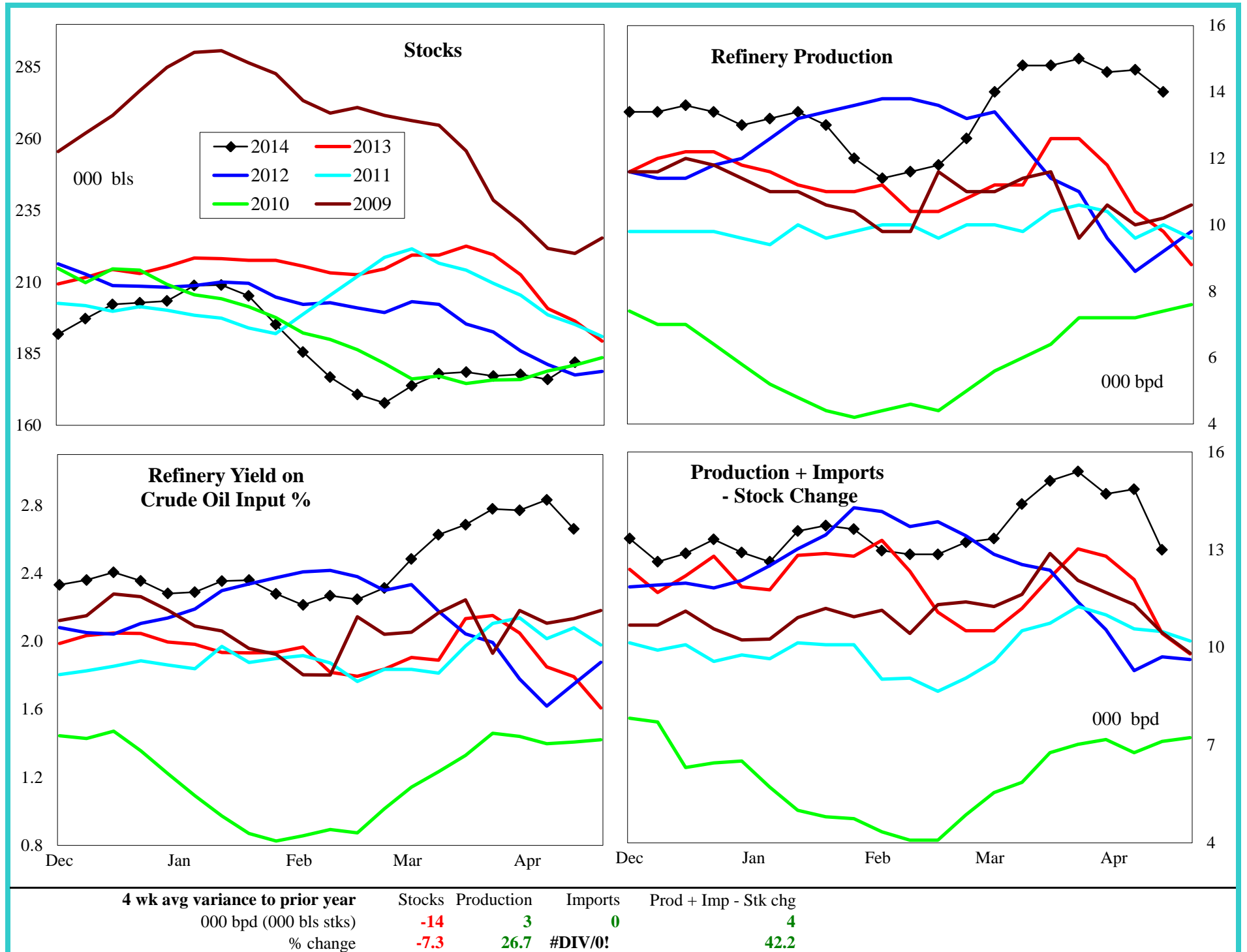
PADD 4 Distillate Supply



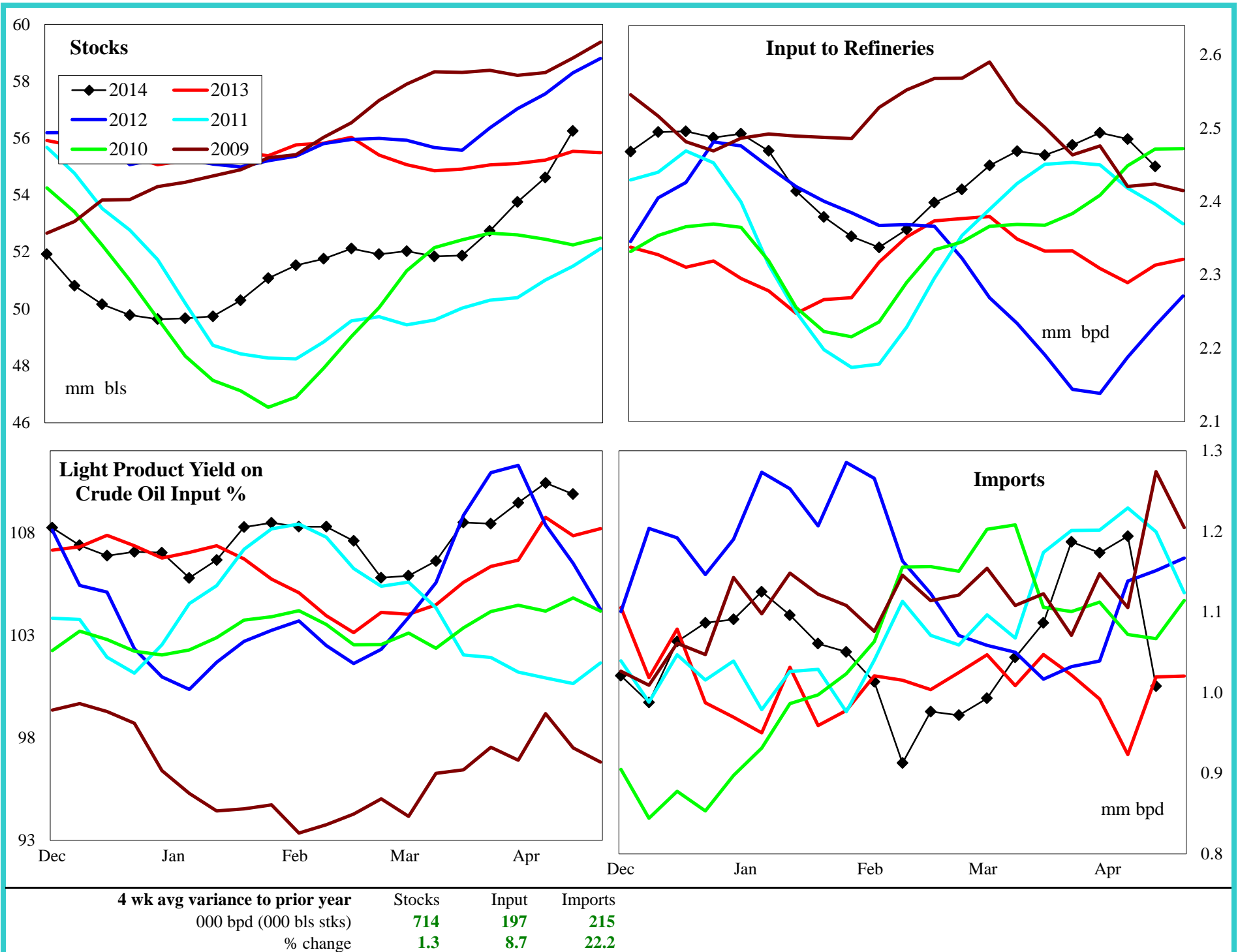
PADD 4 Jet Fuel Supply



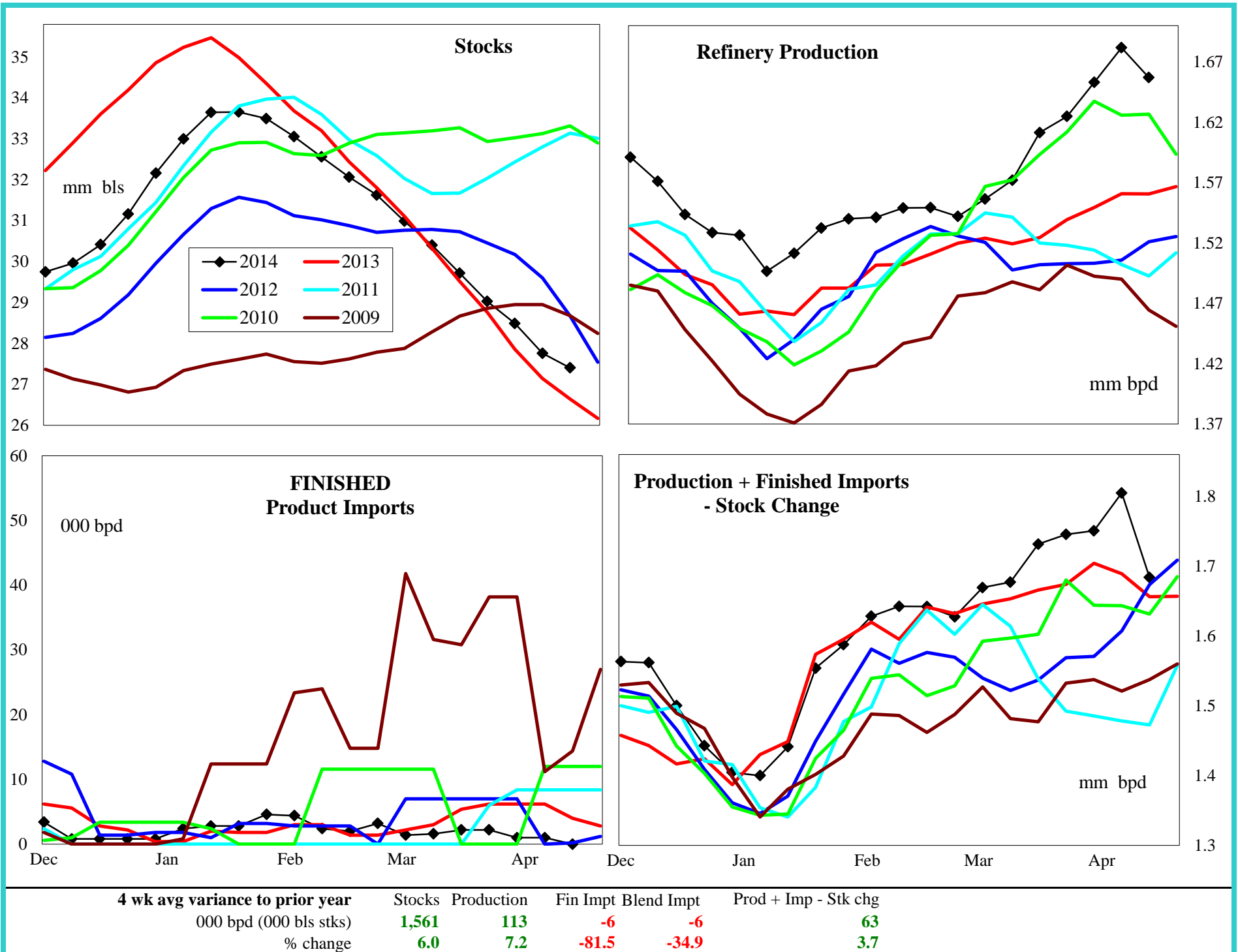
PADD 4 Residual Fuel Oil Supply



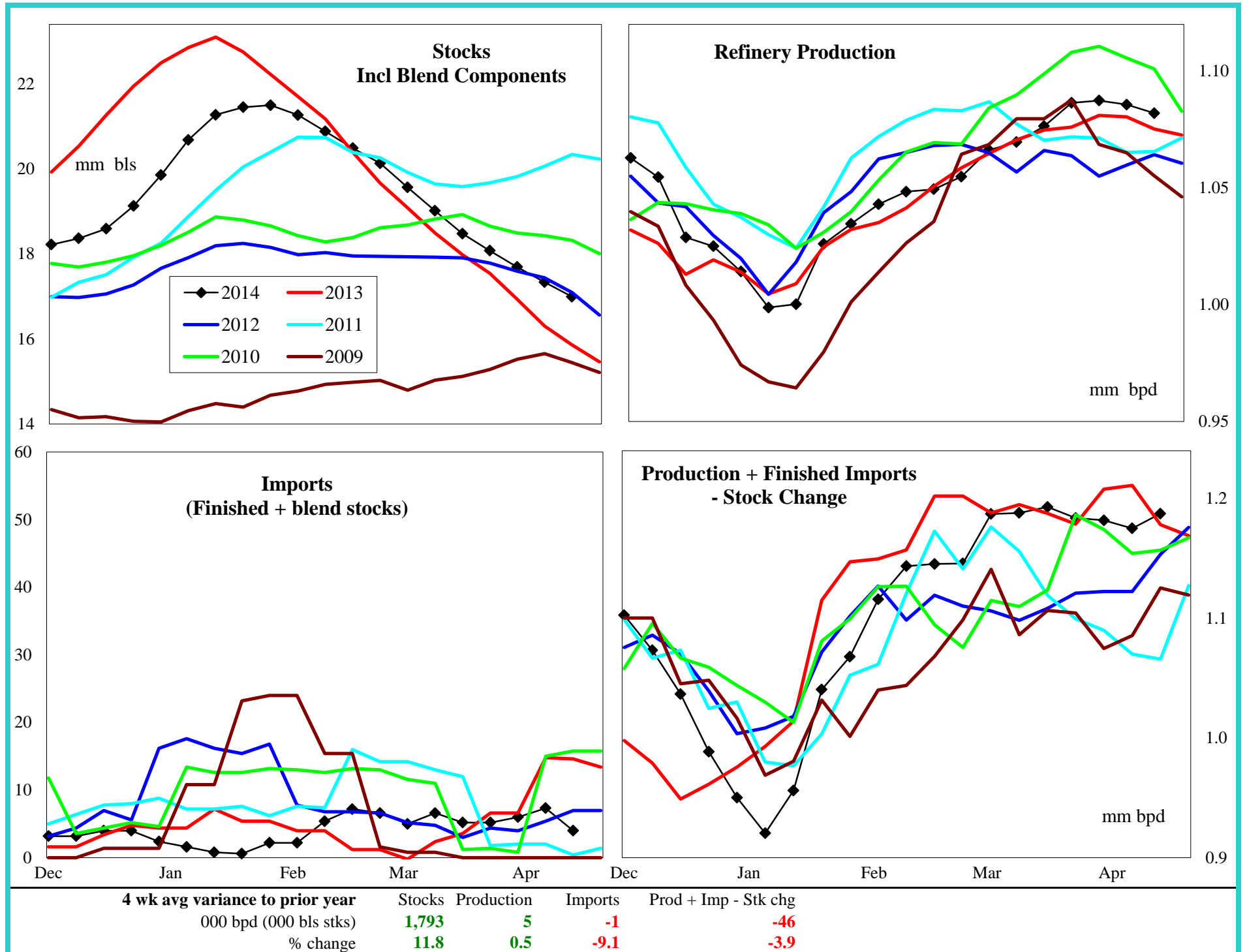
PADD 5 Crude Oil Supply and Refining



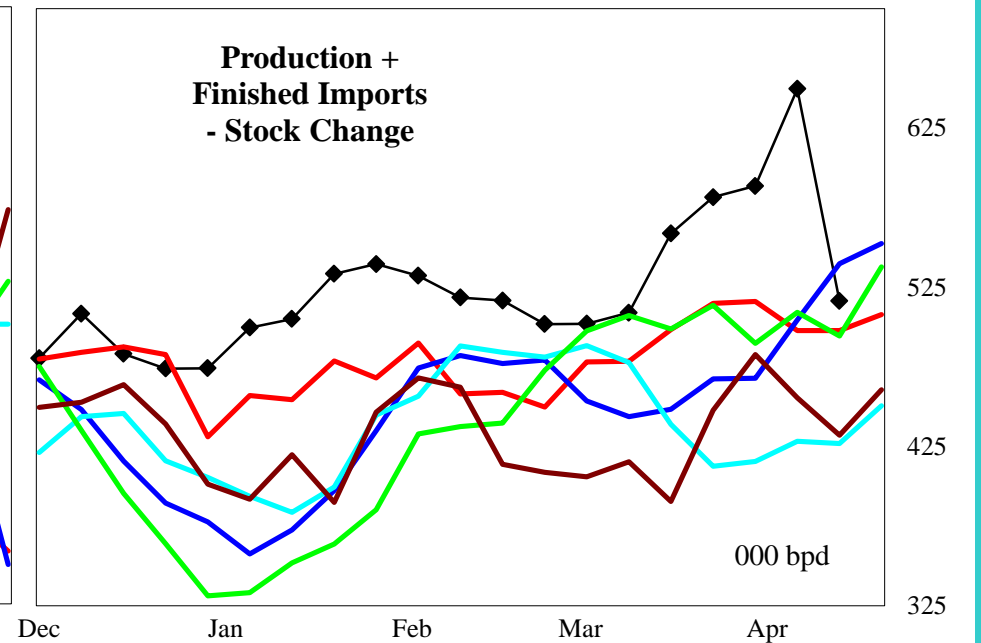
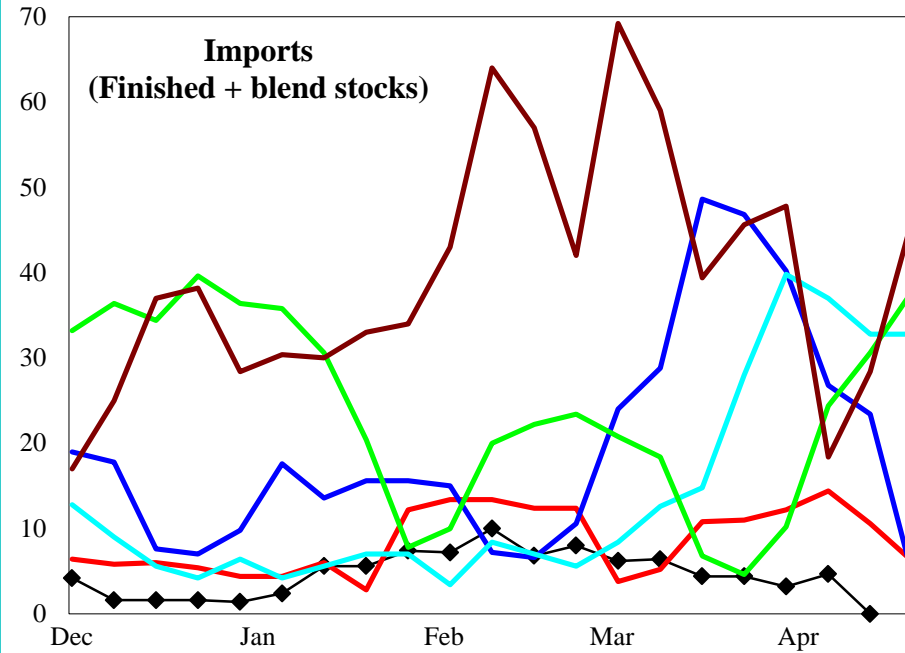
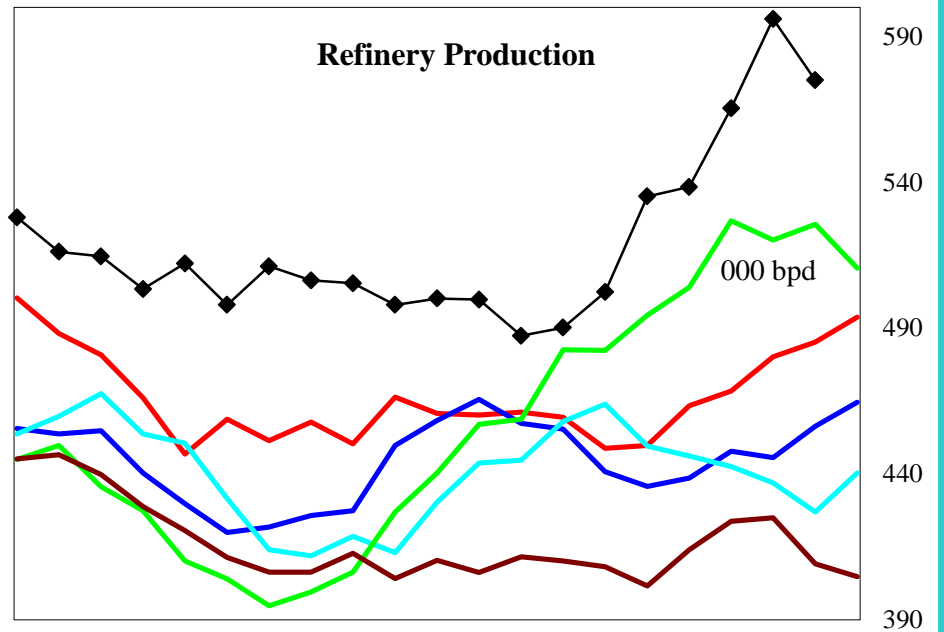
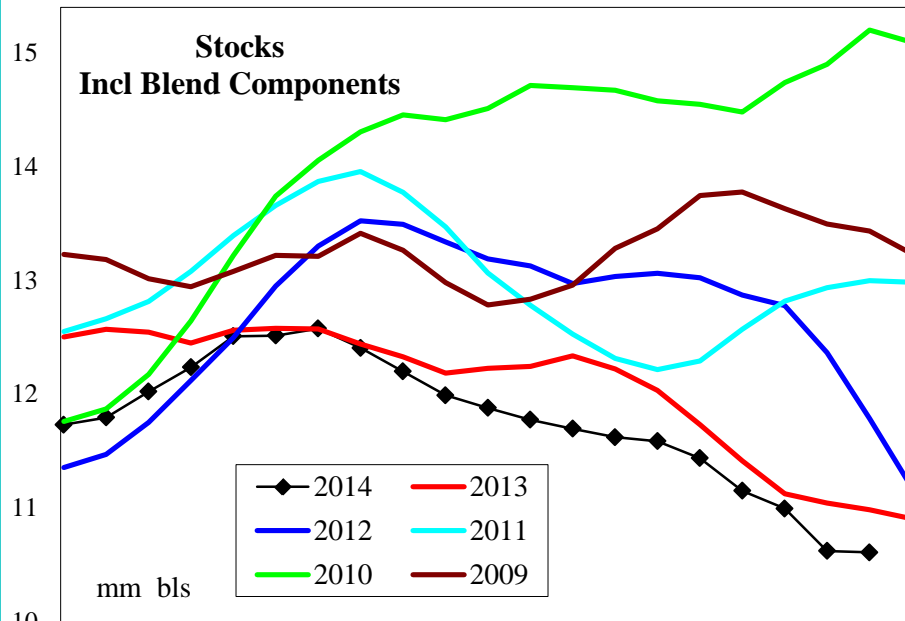
PADD 5 Gasoline Supply



PADD 5 Reformulated Gasoline Supply



PADD 5 Conventional Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-232

-2.1

Production

108

22.6

Imports

-10

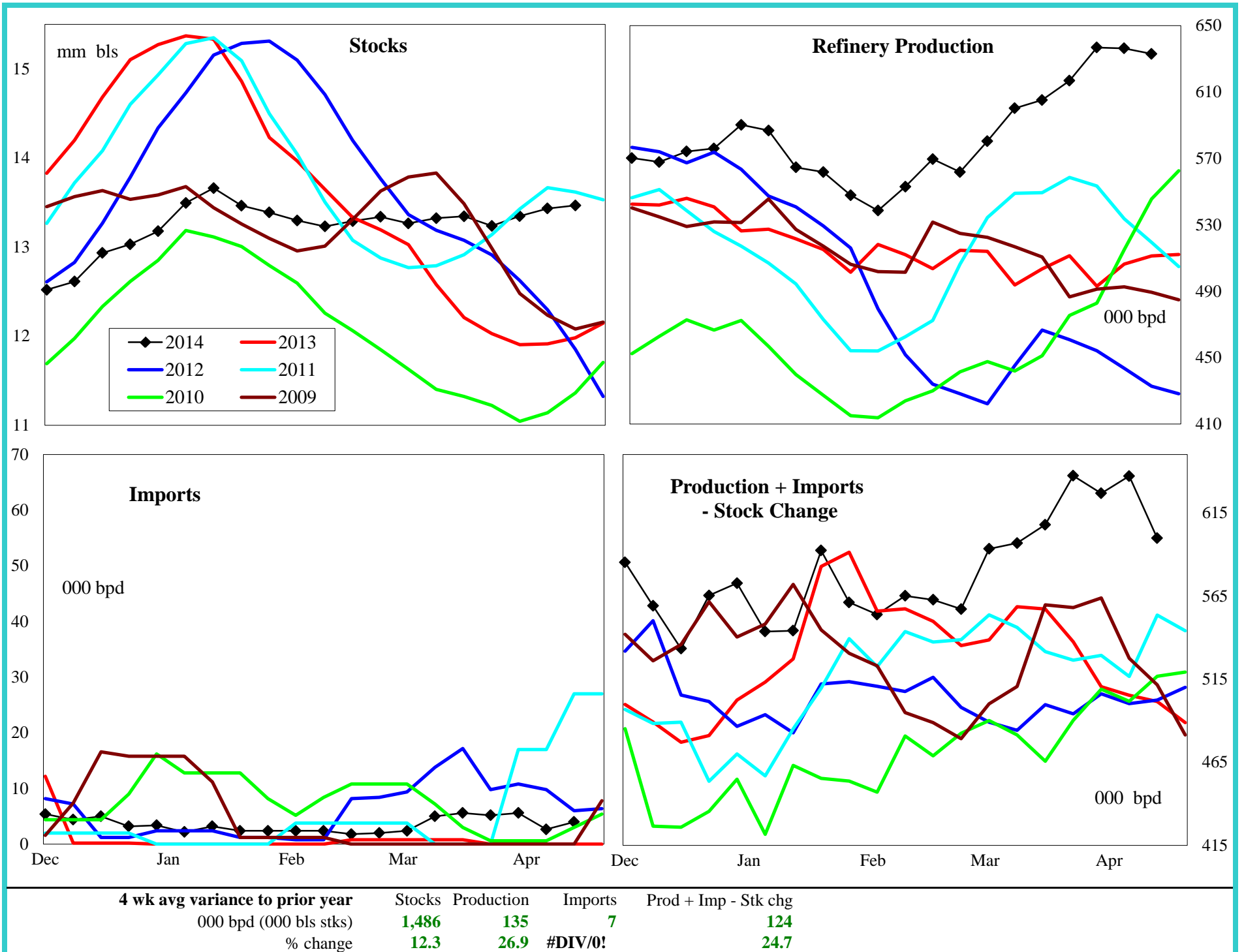
-71.9

Prod + Imp - Stk chg

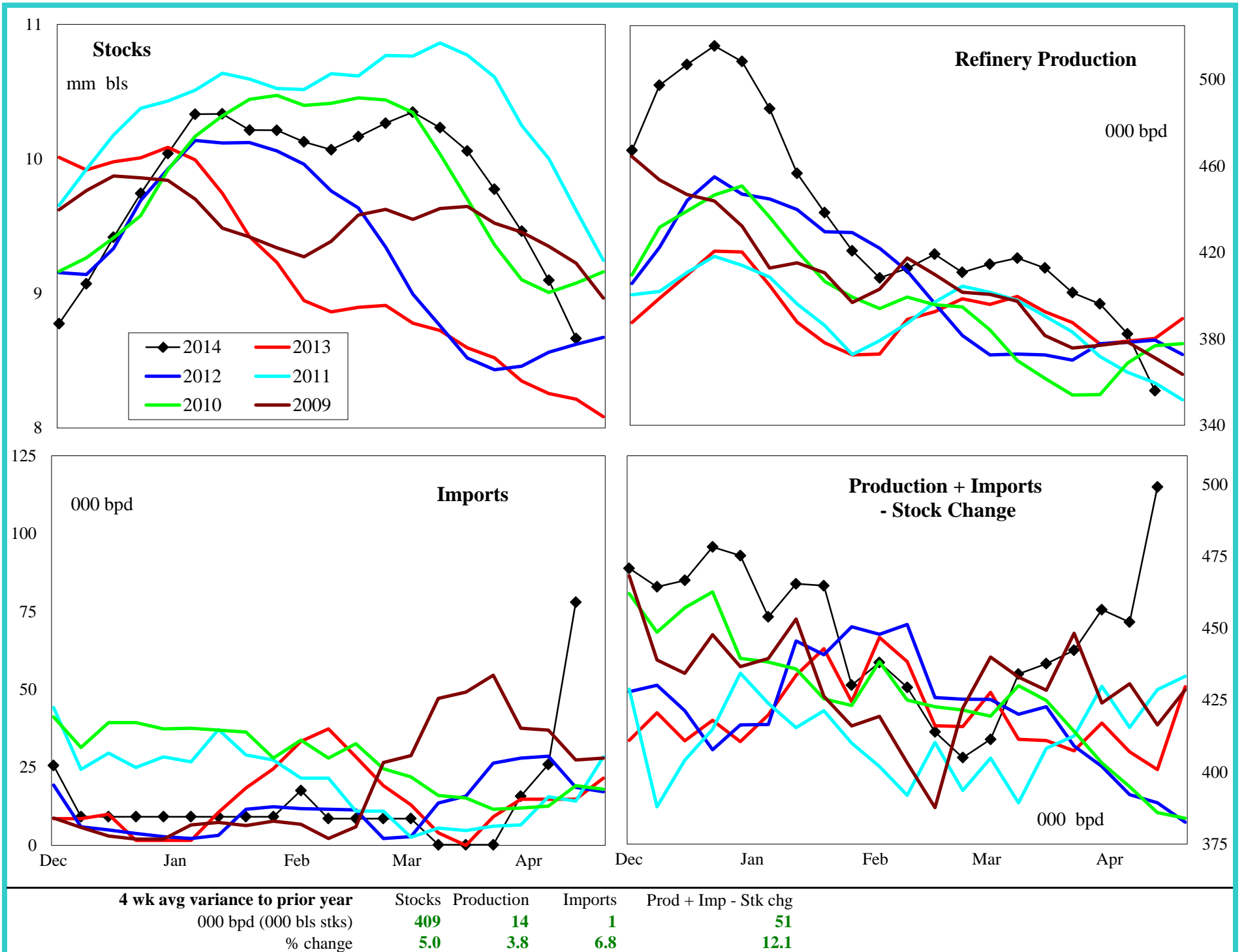
108

21.5

PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

