
**FUNDAMENTAL
PETROLEUM
TRENDS**

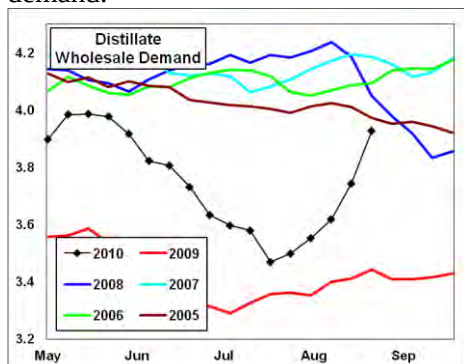
WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

A Fundamental Petroleum Trends Weekly Report

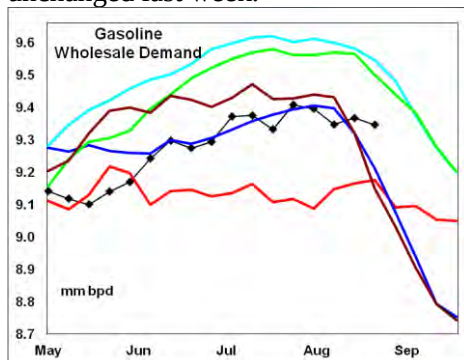
 Lehi German Tel: 816.505.0980 www.fundamentalpetroleumtrends.com Wednesday, September 01,


Major Fundamental Trends¹

Distillate demand spiked +299,000 bpd last week, with the weekly level just below pre recession levels. Robust exports continue to support weekly demand.



Gasoline demand was nearly unchanged last week.²

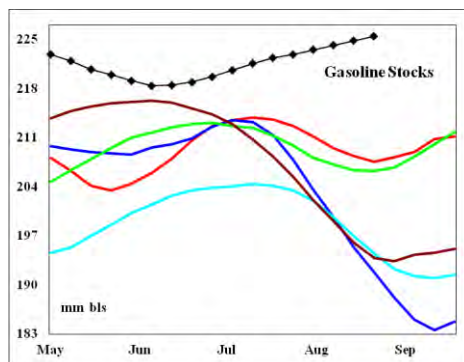


Peak summer demand is at an immediate end, so demand should trend sharply lower during the next month.

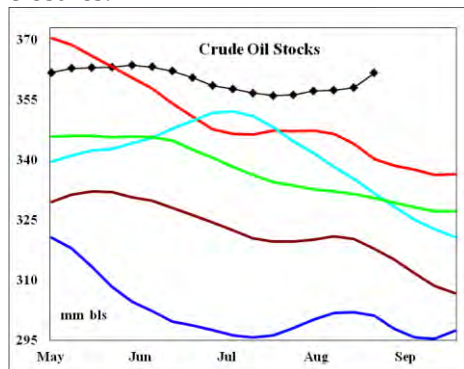
Even with a -141,000 bpd decrease last week, production remains above the 5-year range. Stocks were nearly unchanged on the week; including a +1.3 million barrel build in PADD 1. Stock levels in PADDs 1 and 3 are a combined +18 million barrels above last year. These regional markets are extremely over supplied, exacerbated by an end to peak summer demand and the shift to fall specifications in mid September.

¹ Source is latest EIA Weekly Statistics

² EIA monthly data understated ethanol blending in prior years, thus over stating demand growth in 2010.



Crude oil stocks increased +3.4 million barrels last week, up +18 million barrels above the prior record high. Stock levels in PADDs 2 and 3 were +11 million and +13 million barrels above the prior record high, with the PADDs 1 and 5 lower due to refinery closures.



Crude oil stocks should begin to draw in the immediate future as plants begin seasonal maintenance. Favorable storage economics driven may limit the draw in the near term.

Demand for distillate spiked +299,000 bpd last week. The EIA monthly data shows prior year gasoline demand was understated because ethanol blending was higher than estimated in the weekly data; therefore, demand growth this year has been over stated.

Wholesale demand (including exports) measured over the last four weeks compared to a year ago: gasoline +2%; distillate up +7.8%; jet fuel up +1.6% while residual fuel oil fell -18%.

Stocks forward coverage: Gasoline demand coverage remains above the historic range on a -0.2 million barrel stock draw, with the stock level +20 million barrels above the prior record.

Distillate demand coverage declined last week on a -0.7 million barrel stock draw for the week. The coverage level remains near last years' record high.

Jet fuel coverage matched the record high set last year on very high stocks and lackluster demand.

Residual fuel oil coverage remains extremely high on very low demand and stock levels at the upper end of the 5-year range.

Refinery utilization rates decreased on a -68,000 bpd drop in crude oil runs last week. Crude oil runs for the latest 4-wk period were +428,000 bpd above a year ago.

Gasoline yield % on crude oil runs declined last week on a -141,000 bpd decrease in production versus a -68,000 bpd drop in crude runs. Yield % was a record for this time of year.

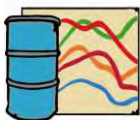
Distillate yield % on crude oil runs decreased on a -92,000 bpd decline in output versus the decline in crude oil runs. Yield % matched the 5-year record high for the period.

Jet fuel yield % on crude oil runs was nearly unchanged on a +4,000 bpd rise in production, with the yield % above the mid range.

Petroleum Imports of crude oil and gasoline were lower last week, while middle distillates unchanged.

During the latest 4-wk period distillate imports increased +76,000 bpd compared to last year; finished gasoline imports decreased -194,000 bpd, gasoline blend stock imports increased +368,000 bpd; jet fuel imports decreased -11,000 bpd, while residual fuel oil imports increased +128,000 bpd.

Crude Oil imports decreased -202,000 bpd last week, while domestic production increased +91,000 bpd, reaching a new record high. Stocks increased +3.4 million barrels, with the build concentrated in PADD 3.



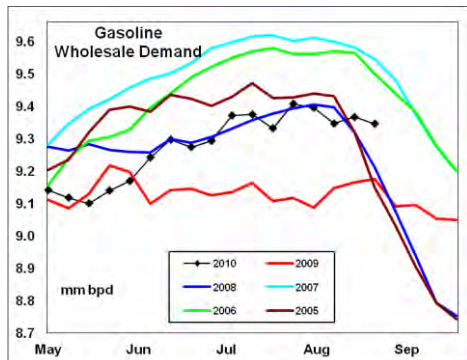
WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

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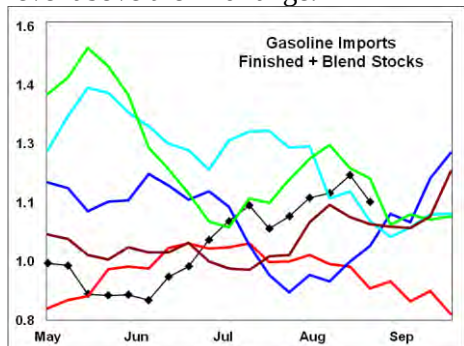
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Product Supply-Demand Trends

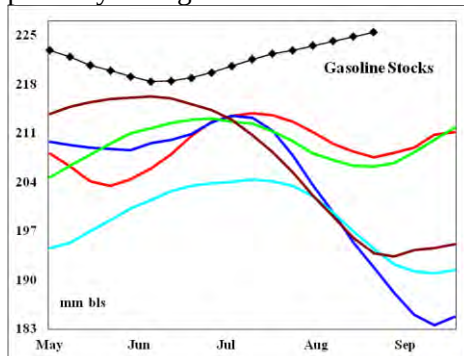
Gasoline demand increased +11,000 bpd on the week, with the latest 4-wk average +179,000 bpd above a year ago. The latest EIA monthly data point to an understatement of ethanol blending in prior years, so that this years' robust weekly demand growth has been over stated.



Gasoline production decreased -141,000 bpd on the week, but the level remains above the 5-year range. Imports declined -268,000 bpd, to a level above the mid range.



Very high production and above average imports limited the stock draw last week to -0.2 million barrels. Stocks increased +1.3 million barrels in the key PADD 1 region. Stock levels were +20 million barrels above the prior 5-year high.

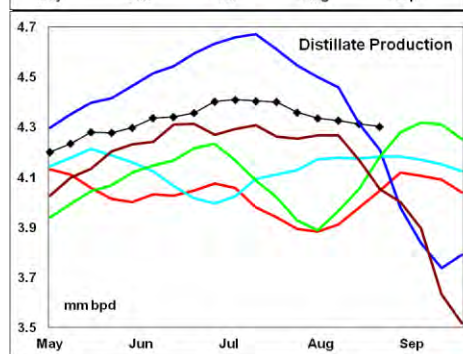
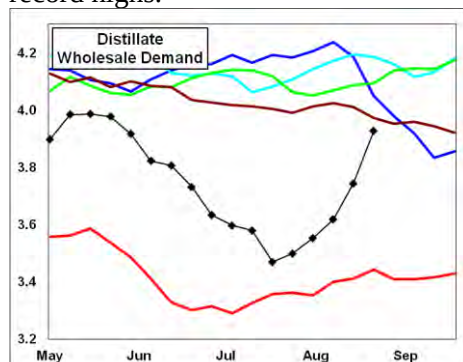


The gasoline market remains extremely over supplied in PADDs 1 and 3. Look for further deterioration in gasoline prices compared to the over all energy complex.

Distillate demand surged +299,000 bpd on the week, with the 4-wk average to +264,000 bpd above last years' depressed level.

Production decreased -92,000 bpd while imports were +33,000 bpd higher on the week. Output remains above the 5-year range for this time of year.

Stocks declined -0.7 million barrels on the week. Stock levels are +11.7 million barrels above last years' record highs.



Weekly distillate demand returned to near pre recession levels last week on robust exports. Expect a seasonal decline in production and strong exports to support prices compared to the overall energy complex.

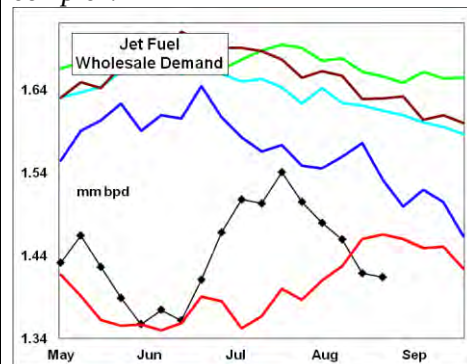
Jet Fuel demand declined -27,000 bpd on the week, with the latest 4-wk average +24,000 bpd above last year.

Supply decreased -20,000 bpd on the week. Production was near the 5-year mid range for the period.

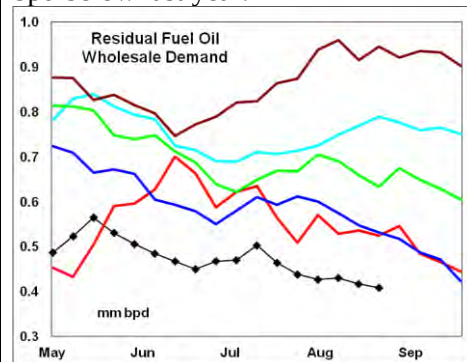
Stock levels remain at record

highs.

Expect production to trend lower as refiners began fall maintenance, offsetting a seasonal decline in demand. High stock levels and low seasonal demand should limit prices compared to the overall energy complex.



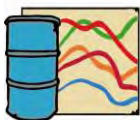
Residual fuel oil demand, including exports, decreased -23,000 bpd last week, with the 4-wk average -91,000 bpd below last year.



Supply (production + imports) increased +154,000 bpd on the week, with the latest 4-wk average -77,000 bpd below a year ago. Stocks were unchanged on the week, with the level above the historical range.

Production remains very low as refiners completed upgrades to produce light fuels. Imports were near the mid range. With nearly 2/3rds of residual fuel weekly demand due to exports, the reduced supply has lowered exports. The supply balance has significantly improved during the last quarter with stocks down -6 million barrels.

Expect very low production rates to provide modest price support compared to the energy complex.



WEEKLY PETROLEUM SUPPLY-DEMAND TRENDS

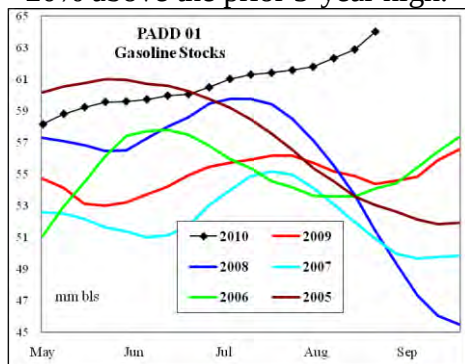
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PADD Supply Trends

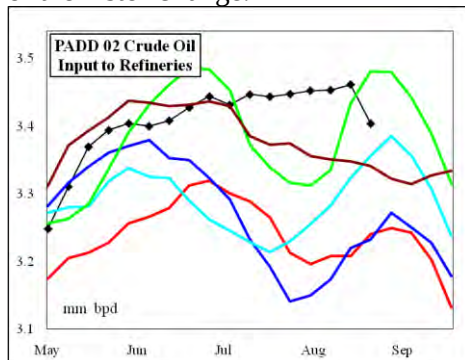
PADD 1 refinery crude oil runs decreased -30,000 bpd on the week, with the 4-wk average -88,000 bpd below last years' record low rate.

Gasoline production declined -52,000 bpd on the week, with the latest 4-wk average +386,000 bpd above a year ago. Imports (blend stocks) decreased -171,000 bpd last week, to near the mid range. Stocks increased +1.3 million barrels, +20% above the prior 5-year high.



Distillate supply increased +34,000 bpd last week, with both imports and production higher. Stocks increased +0.3 million barrels on the week, +4% above the prior record high.

Jet fuel stocks fell -1 million barrels, with the level at the upper end of the historic range.



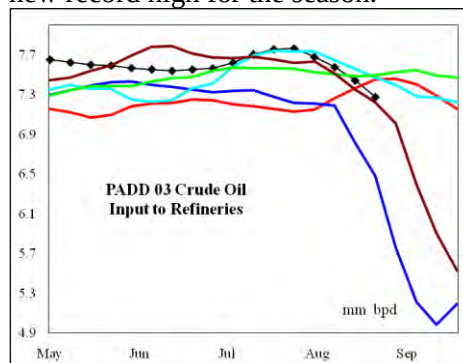
PADD 2 crude oil refinery runs decreased -65,000 bpd last week, but the level remains at the upper end of the 5-year range. Imports fell -202,000 bpd to the mid range. Stocks were nearly unchanged on the week, including a -0.5 million barrel decline in Cushing. Stock levels remain extremely high.

Gasoline production increased +28,000 bpd last week, with the level above four of the last five years. Stocks were nearly unchanged last week, with the level above the mid range.

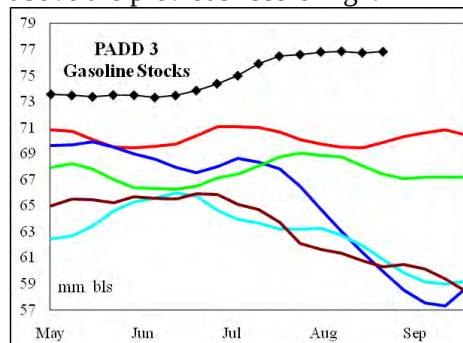
Distillate production increased +8,000 bpd on the week, with the level above the 5-year range. Stocks decreased -0.8 million barrels, with the level matching last years' record high.

Jet fuel production and stock levels were each above the historic range.

PADD 3 refinery crude oil runs decreased -32,000 bpd, to a level below the mid range. The latest 4-wk average was +207,000 bpd above a year ago. Crude imports decreased -279,000 bpd to the mid range. Low run rates led to a stock build of +3.2 million barrels, with the level now at a new record high for the season.



Gasoline production declined -100,000 bpd on the week. Imports also decreased -60,000 bpd. Stocks decreased -0.7 million barrels, +12% above the previous record high.



Distillate production decreased -110,000 bpd on the week, still at a level above the 5-year range. Stocks decreased -0.5 million barrels, up +16% over the prior 5-year high.

Jet fuel production declined -25,000 bpd, to a level below the mid range. Stocks increased +0.6 million barrels, to a level +17% above the prior record high.

Residual fuel oil supply increased +145,000 bpd, lifting stocks +0.9 million barrels. Stock levels remain above the historic range.

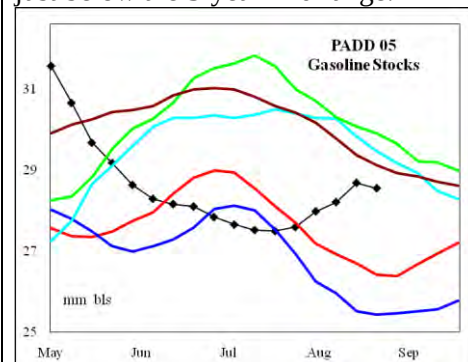
PADD 4 refinery crude runs decreased -6,000 bpd on the week, to a level below the historic range. The latest 4-wk average thru put was -15,000 bpd below last year. Stocks were above the 5-year range.

Gasoline production decreased -25,000 bpd on the week, to the historic mid range. Stock levels matched the 5-year high for the week.

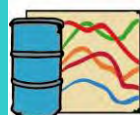
Distillate production decreased -16,000 bpd to a level below the historic range. Stock levels remain above the 5-year range.

PADD 5 crude oil refinery runs increased +63,000 bpd on the week, with the latest 4-wk average +69,000 bpd above last year. Crude imports increased +171,000 bpd last week to a level above the mid range. Stocks were unchanged at the 5-year mid range.

Gasoline production increased +8,000 bpd on the week, at a level that is above the last 2-years. Imports decreased -34,000 bpd but remain above the historic range. Stocks decreased -0.6 million barrels to a level just below the 5-year mid range.



Distillate supply increased +23,000 bpd, but remains at the low end of the historic range. Stocks increased +0.2 million barrels to above the mid range.

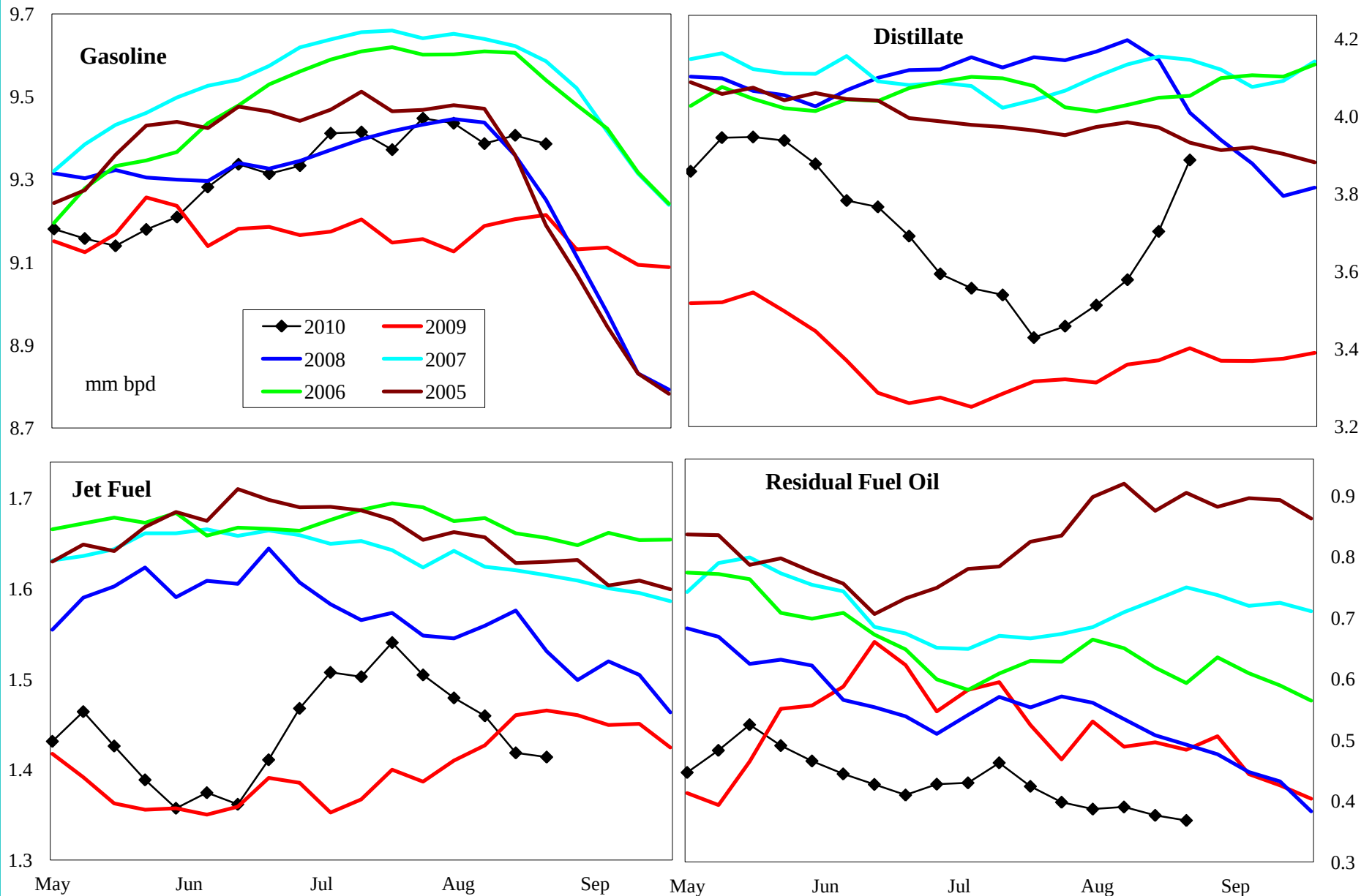

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PETROLEUM: Graph Link and Weekly Summary

A Fundamental Petroleum Trends Weekly Report September 1, 2010
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Fundamental Trends	Wholesale Demand	Stocks Days Fwd Coverage	Refinery Utilization Product Yield %				Imports
Supply/Demand Trends	27-Aug-10	EIA-DOE CHANGE FROM PRIOR WEEK					
	000 bpd stocks 000 bls	U. S. Total	PADD				
			1	2	3	4	5
Crude Oil	Stocks	3,425	-51	-76	3,167	346	39
	Imports	-202	179	-202	-279	-71	171
	Input	-68	-30	-65	-32	-6	63
	% Utilization	-0.70					
Gasoline	Stocks	-212	1,332	-157	-731	-95	-560
	Production	-141	-52	28	-100	-25	8
	Imports	-268	-171	-1	-60	0	-34
	Supplied	11					
Distillate	Stocks	-739	326	-771	-544	79	172
	Production	-92	19	8	-110	-16	6
	Imports	33	15	5	0	-4	17
	Supplied	299					
Jet Fuel	Stocks	152	-1,013	-17	645	98	439
	Production	4	1	5	-25	6	16
	Imports	-24	-19	0	0	0	-4
	Supplied	-27					
Residual Fuel Oil	Stocks	-40	-786	-69	917	10	-111
	Production	83	14	16	77	1	-24
	Imports	71	-22	0	68	0	25
	Supplied	-23					

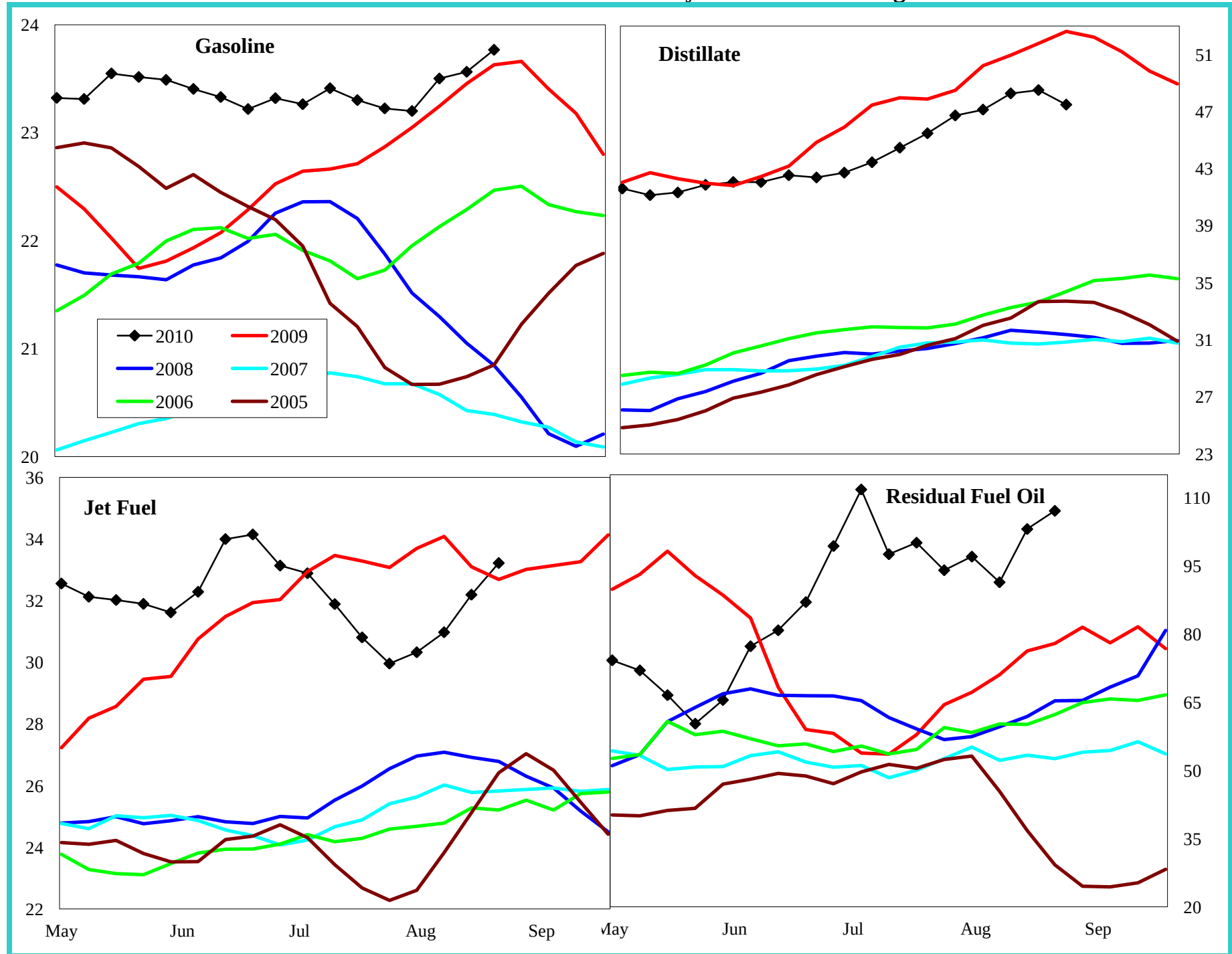
United States Wholesale Petroleum Demand



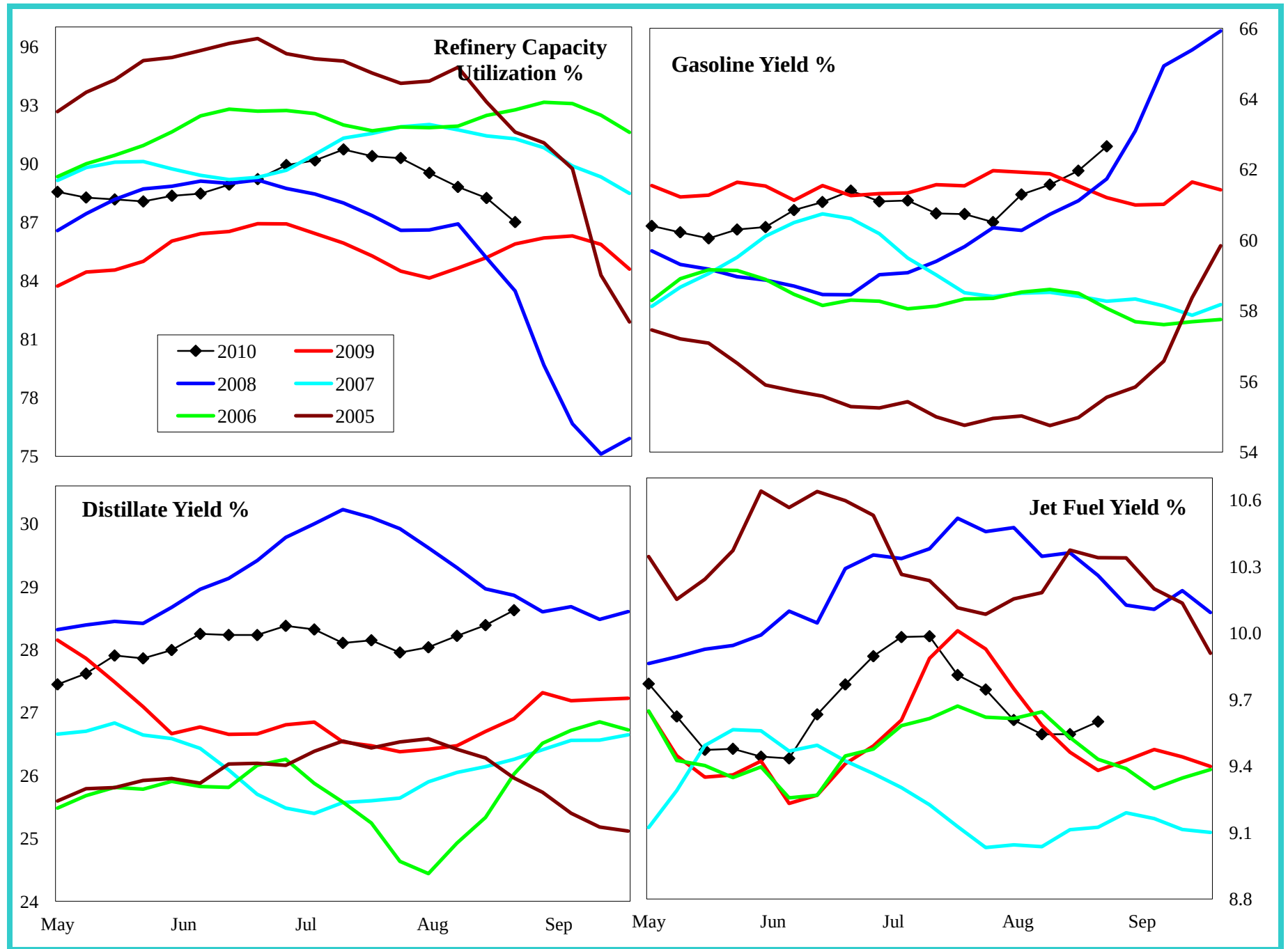
	000 bpd change from prior year				% change from prior year			
	4wk avg	Jul	Jun	May	4wk avg	Jul	Jun	May
Gasoline	179	139	129	133	2.0	1.5	1.4	1.5
Distillate	264	213	258	199	7.8	6.3	7.3	5.8
Jet Fuel	24	10	-74	93	1.6	0.7	-5.2	7.0
Resid	-91	178	-124	81	-18.3	55.8	-21.9	18.7



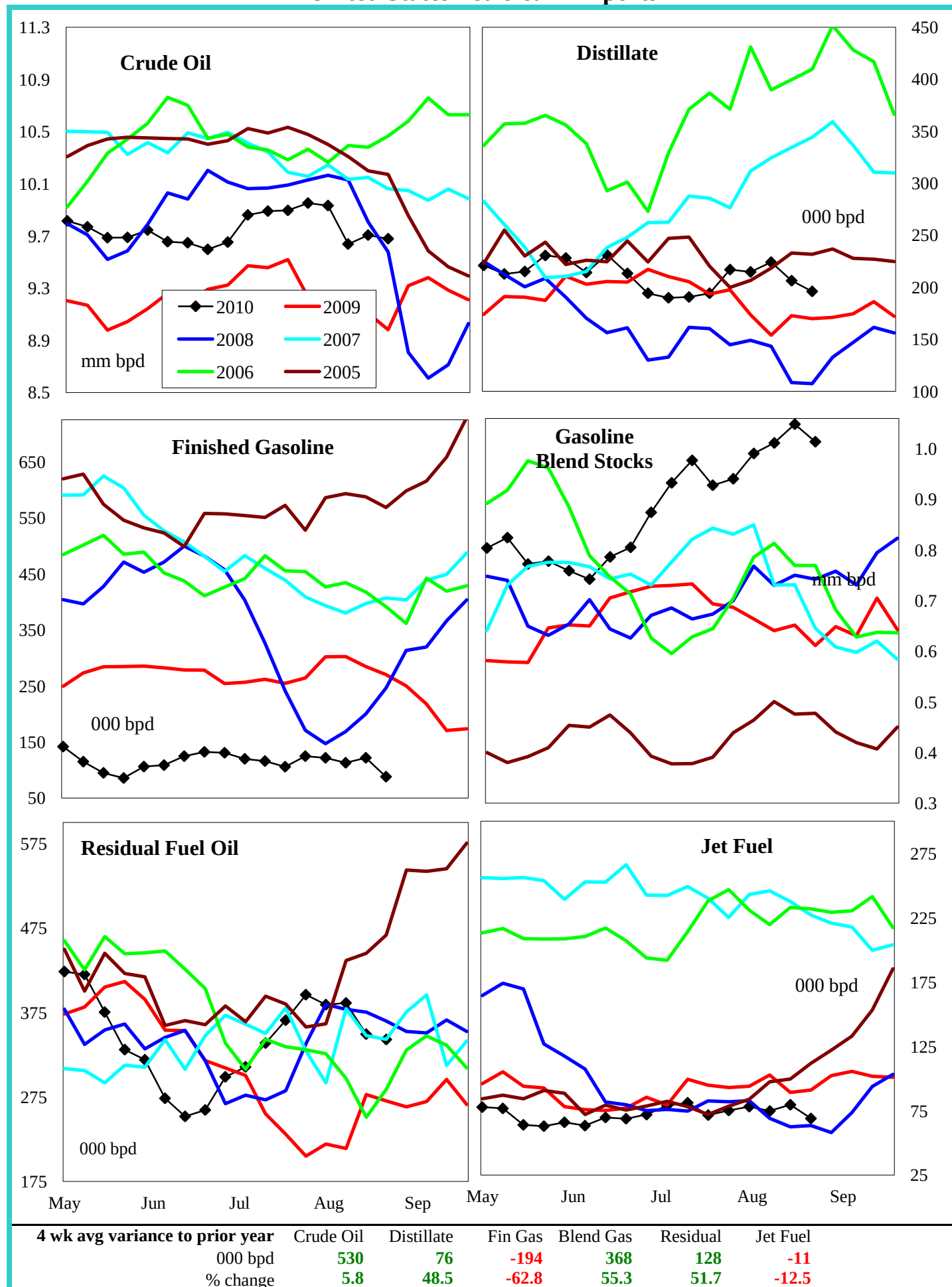
United States Product Stocks: Days Forward Coverage



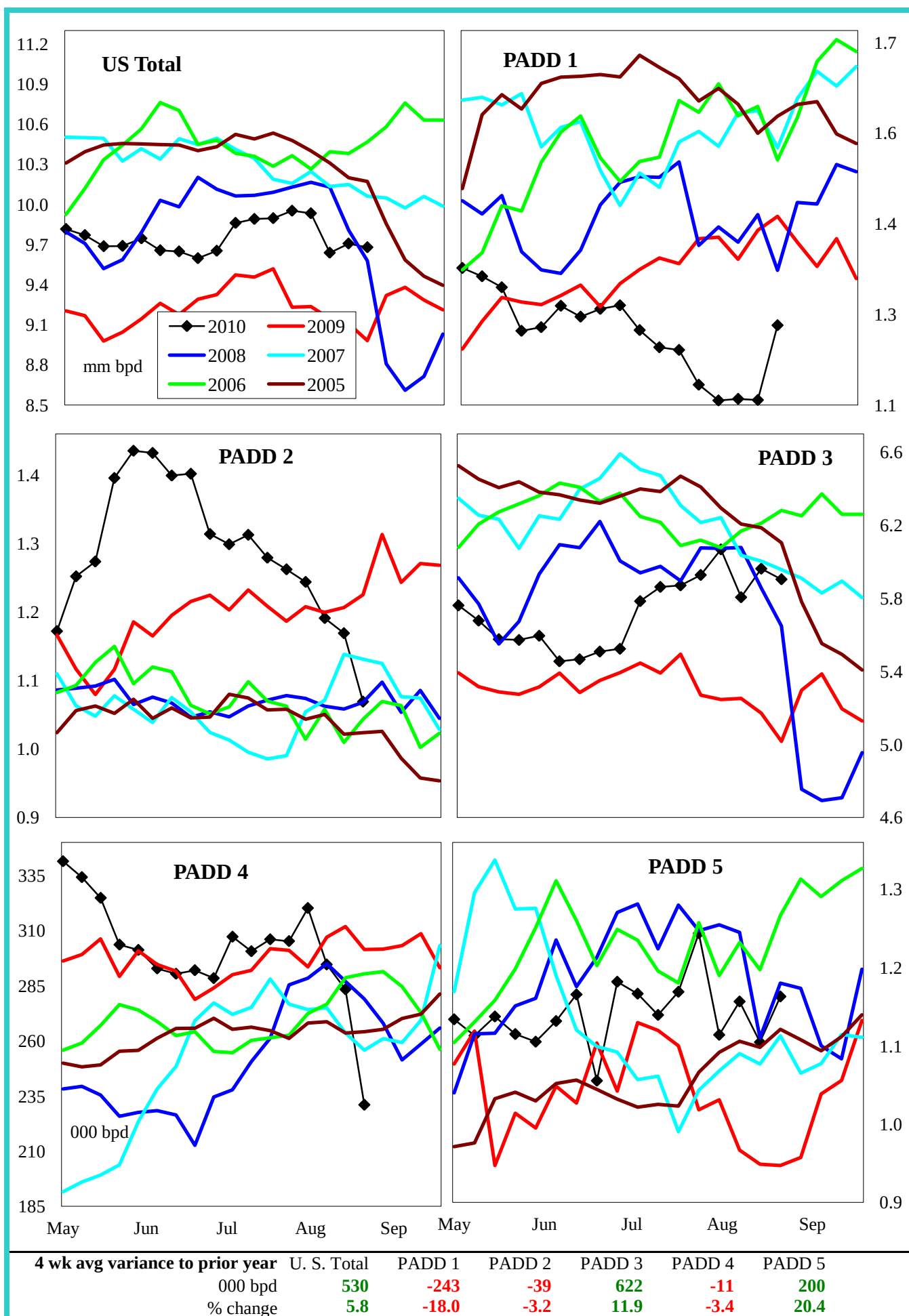
United States Refinery Percent Utilization Rate and Product Yields



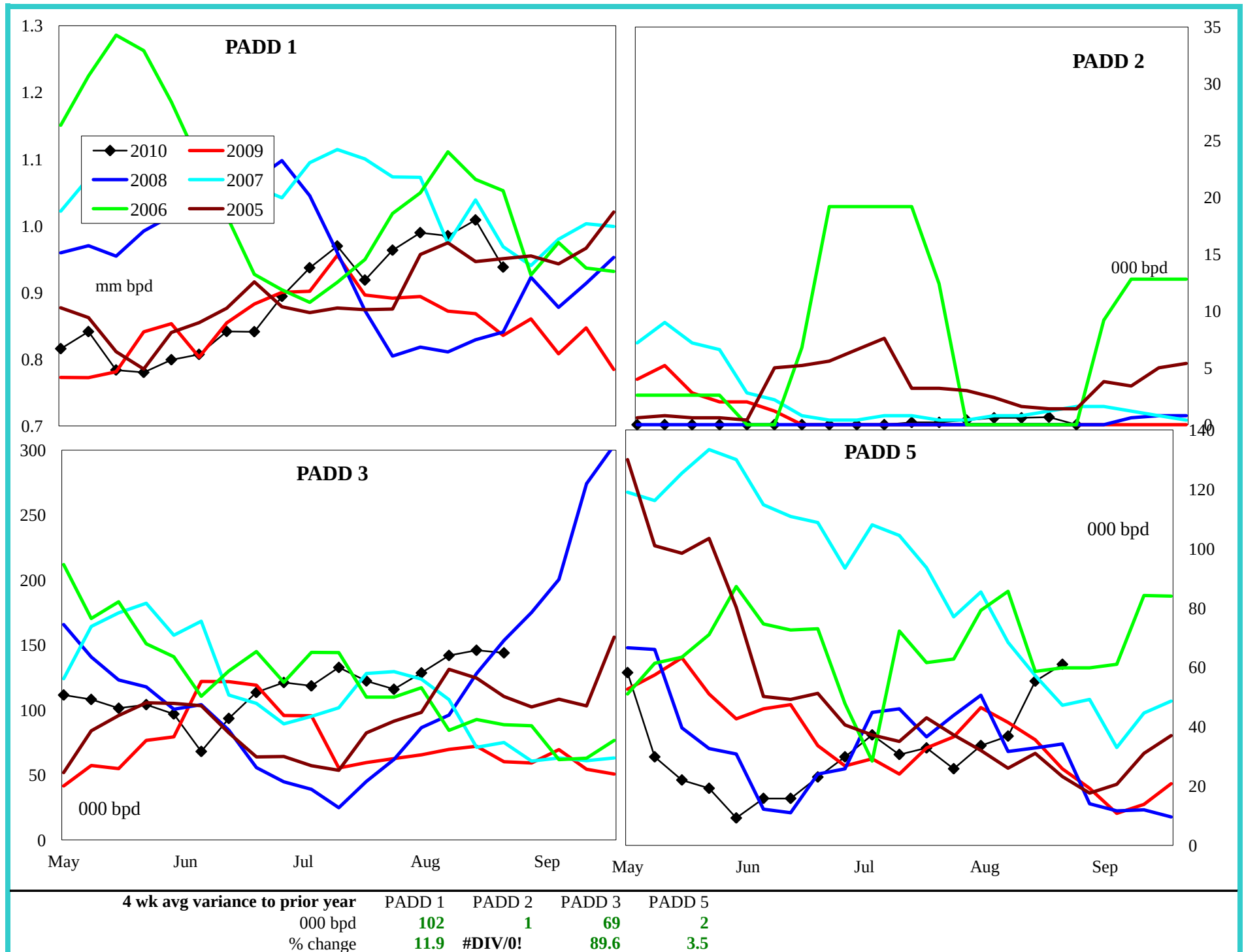
United States Petroleum Imports



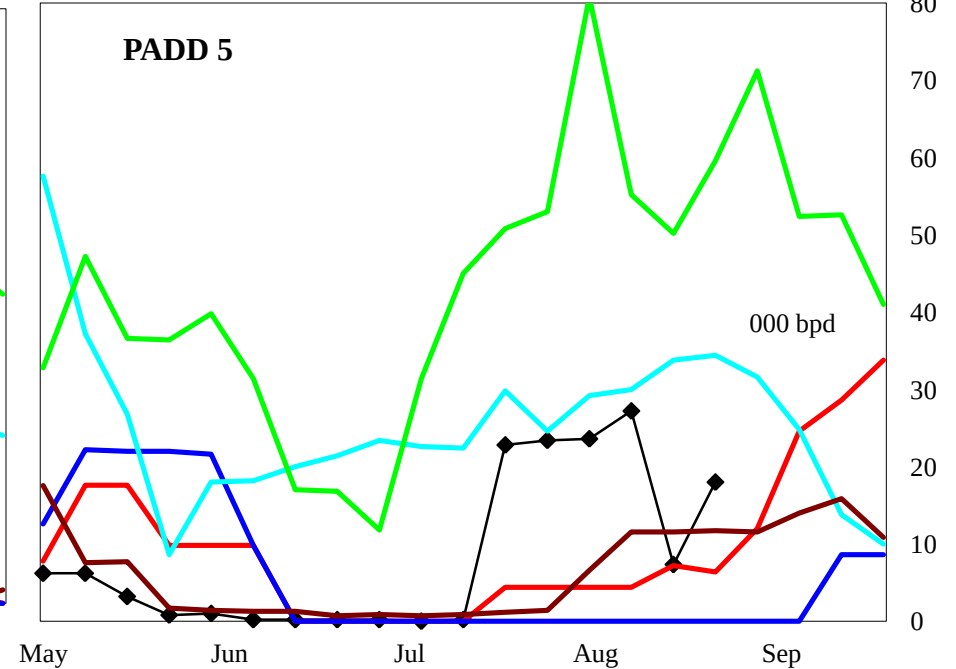
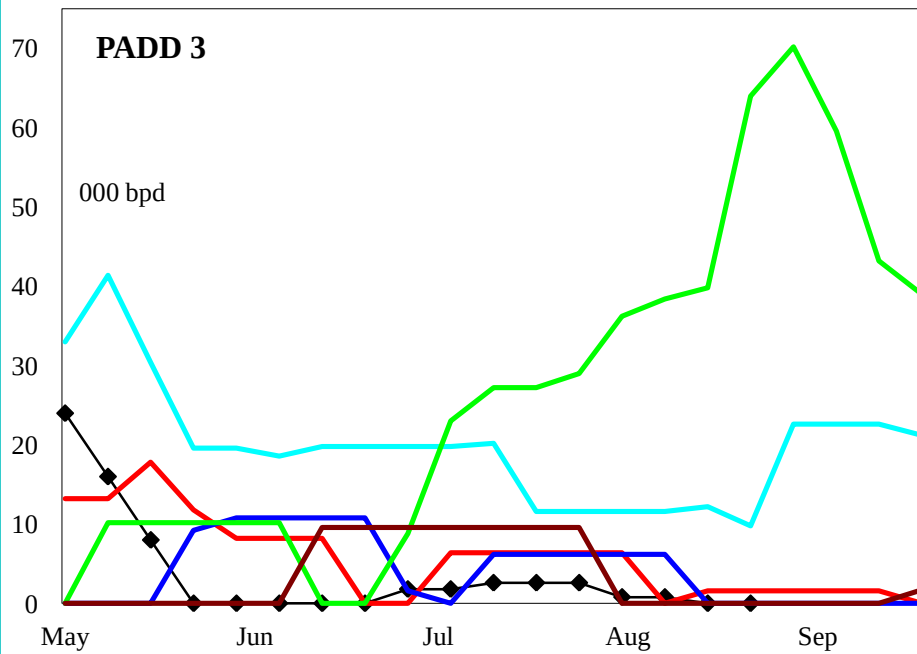
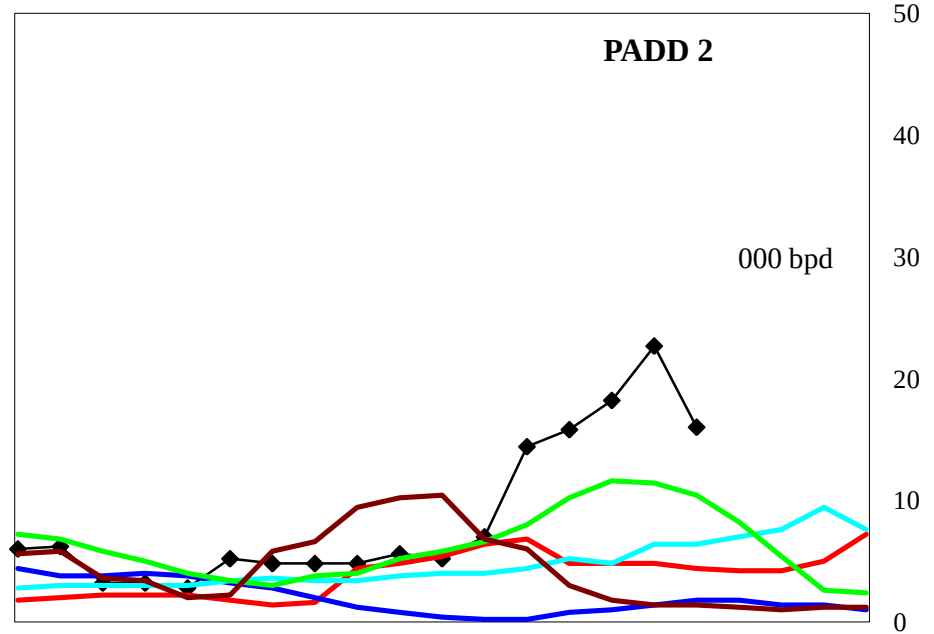
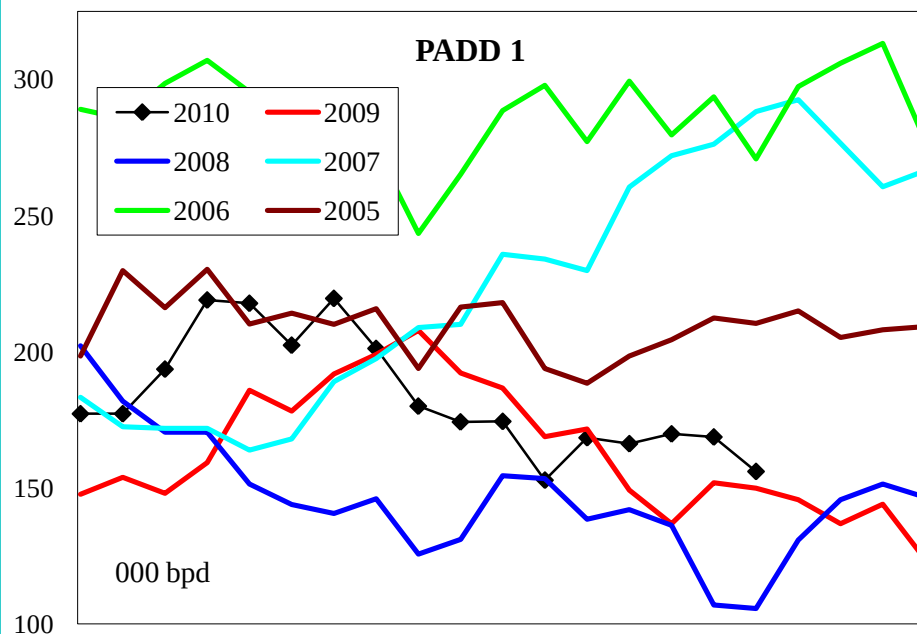
Crude Oil Imports by PADD



Gasoline Imports by PADD (Finished + Blend Stocks)



Distillate Imports by PADD



4 wk avg variance to prior year

000 bpd

% change

PADD 1

32

23.2

PADD 2

15

281.0

PADD 3

0

#DIV/0!

PADD 4

1

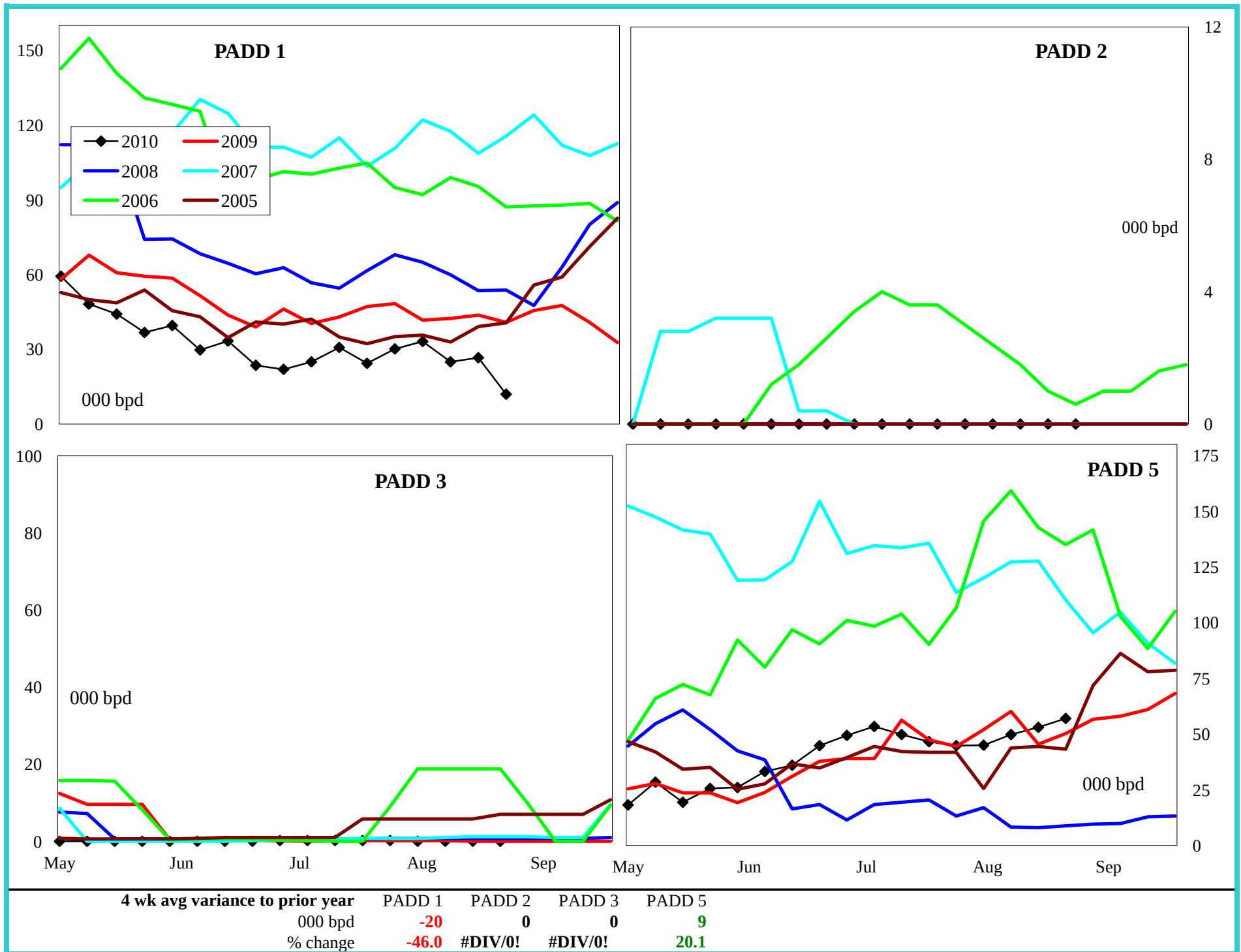
10.0

PADD 5

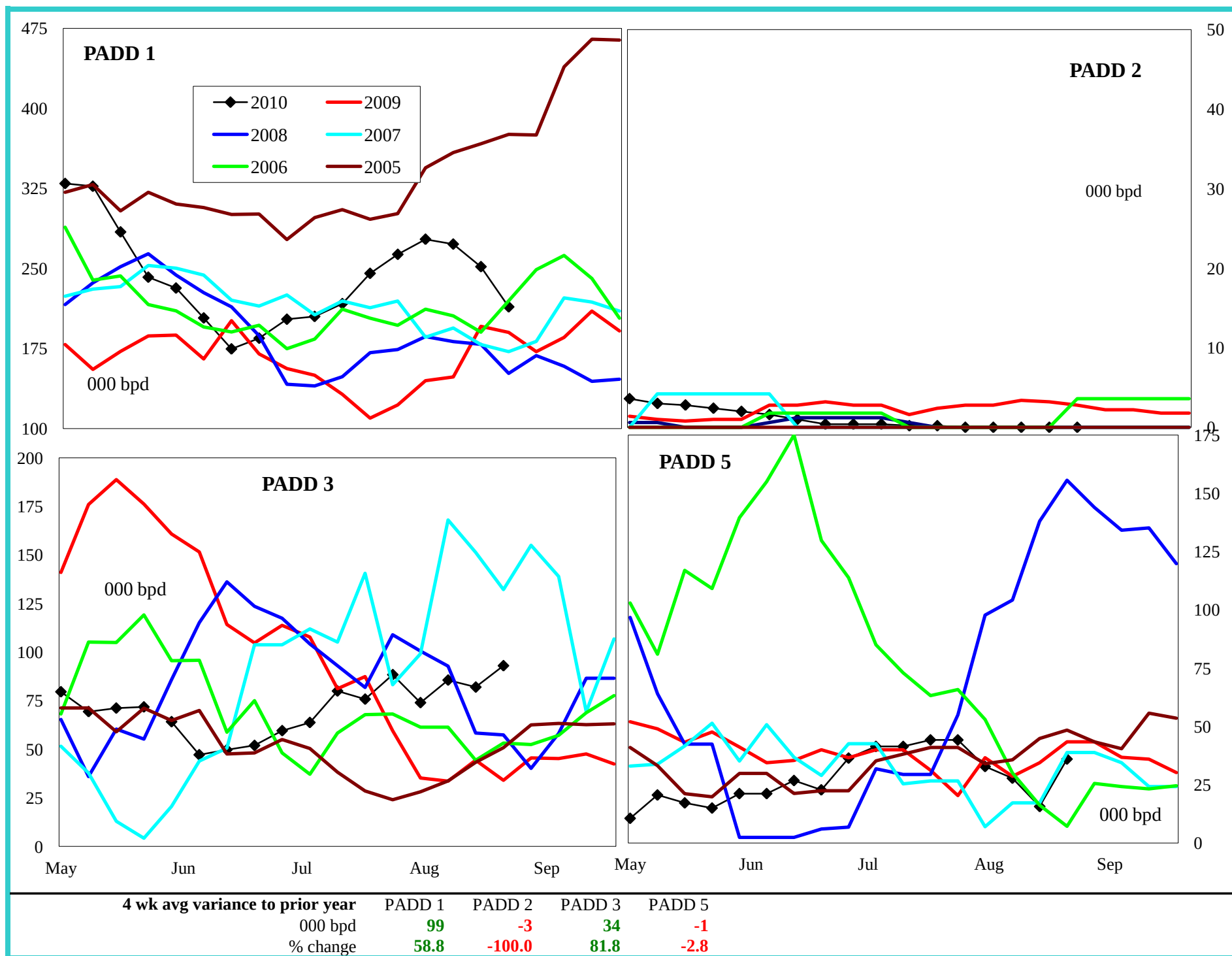
28

513.6

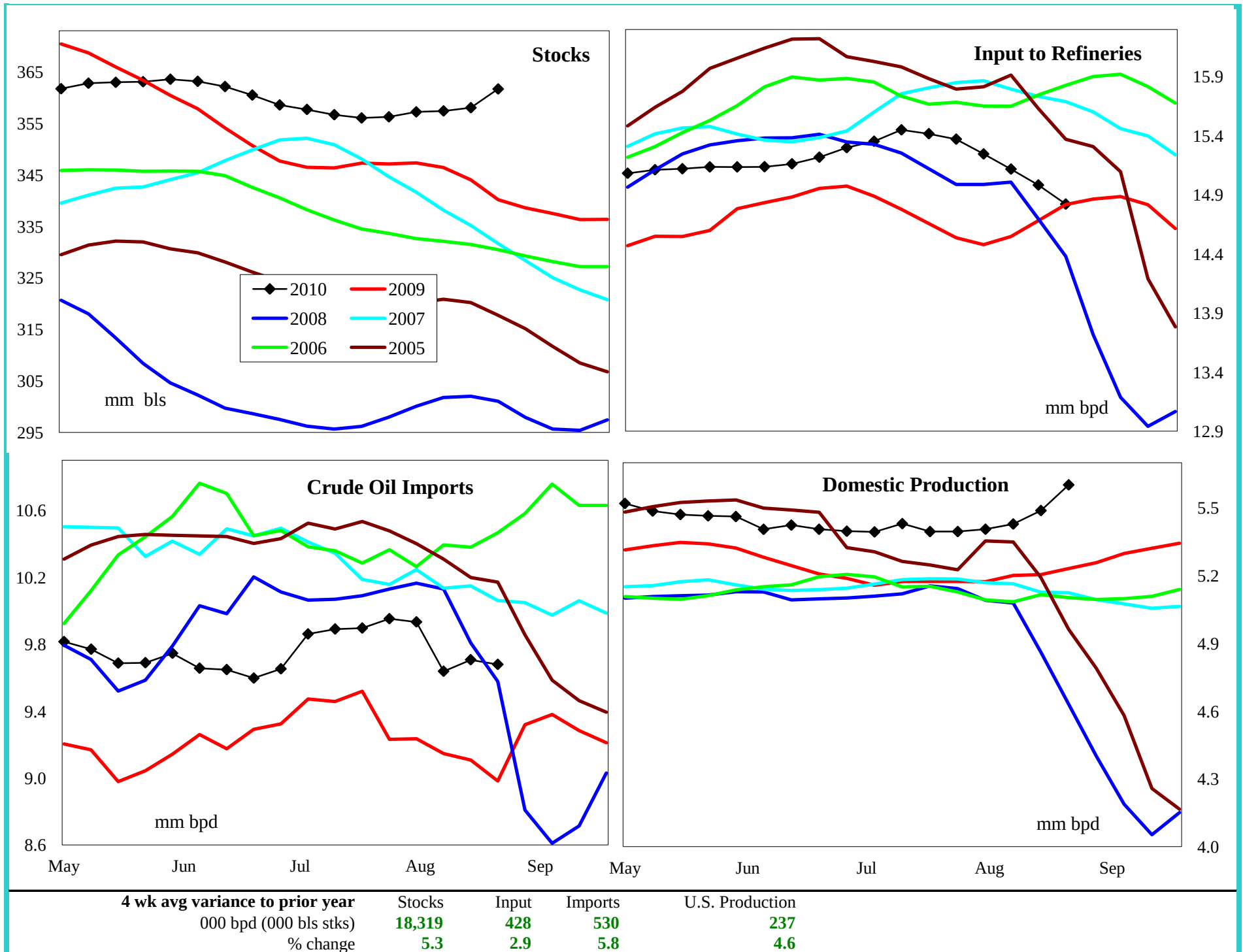
Jet Fuel Imports by PADD



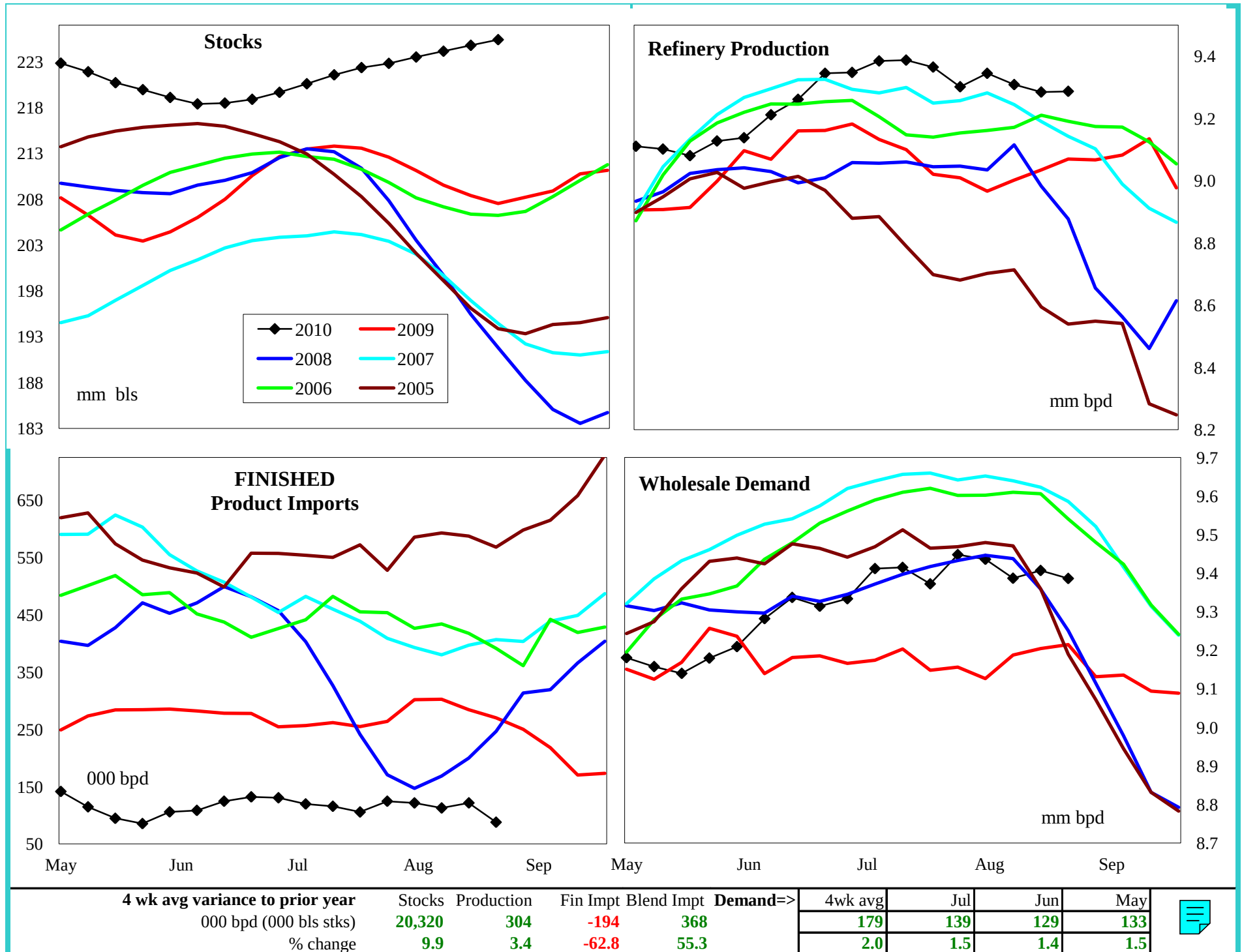
Residual Fuel Oil Imports by PADD



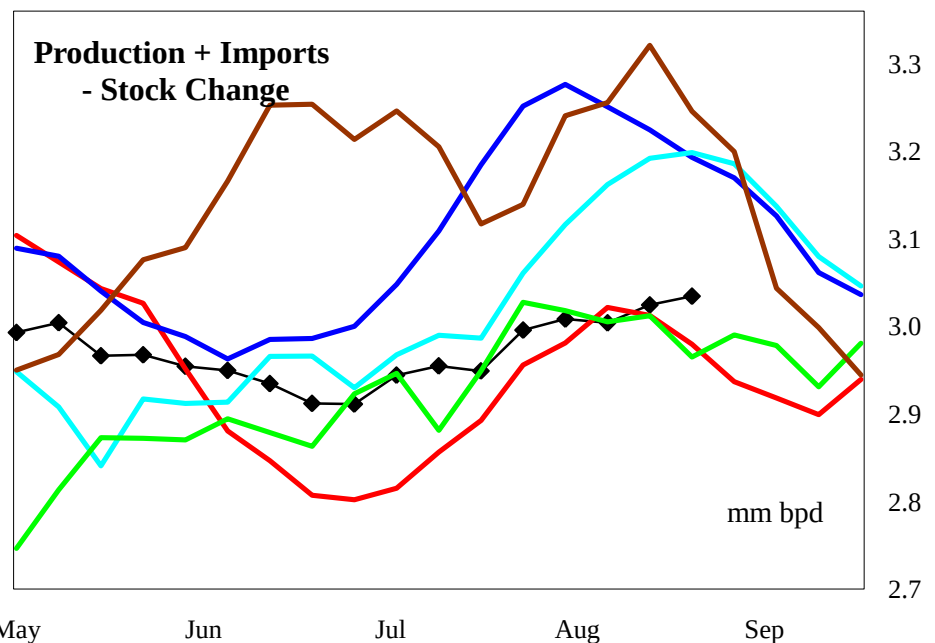
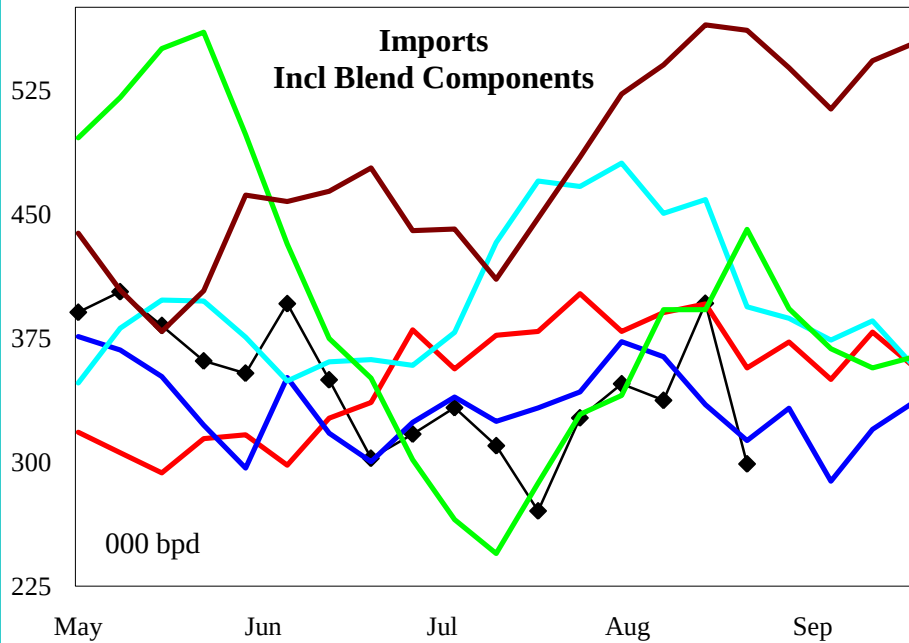
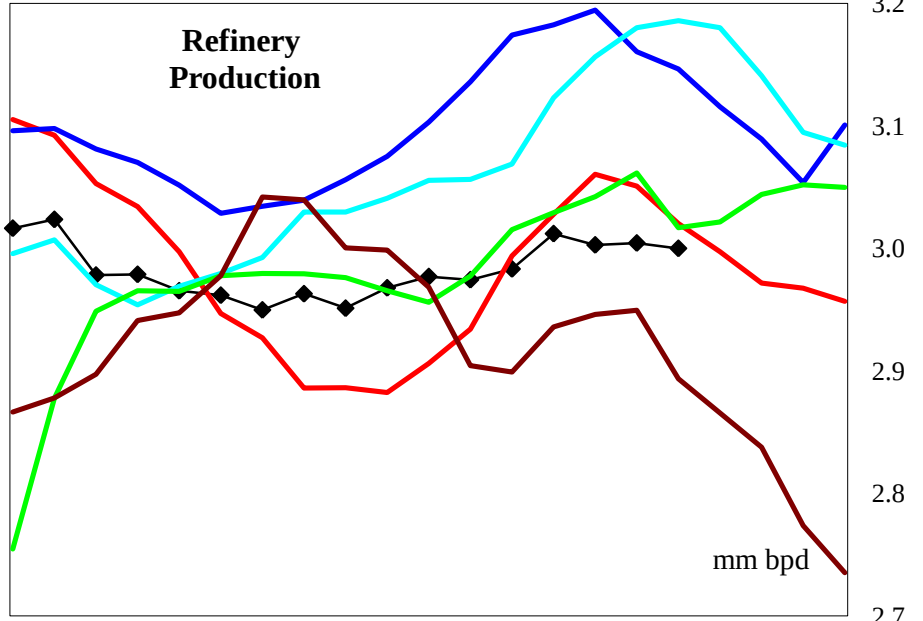
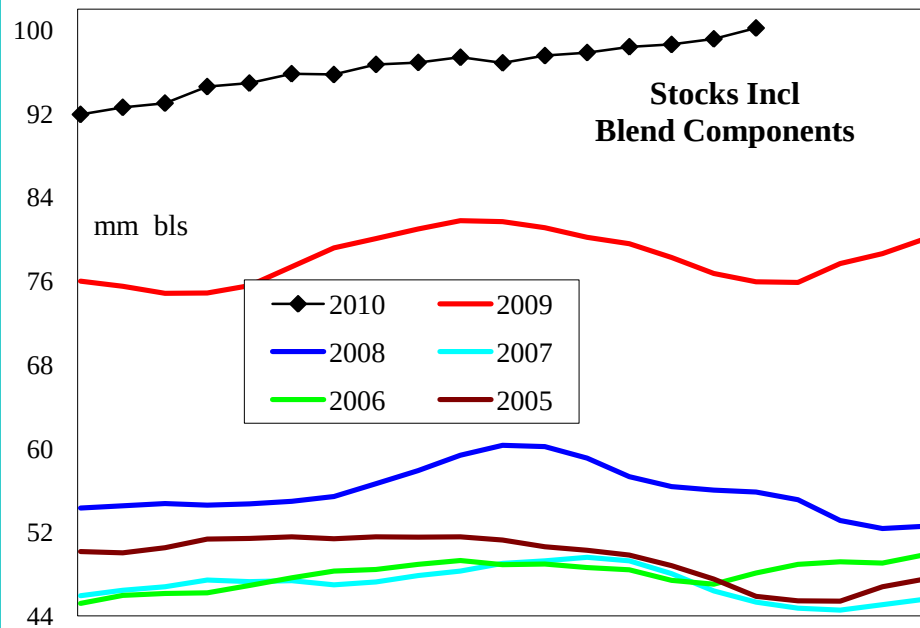
United States Crude Oil Supply and Demand Balance



United States Gasoline Supply and Demand Balance



United States Reformulated Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

24,268

32.0

Production

-62

-2.0

Imports

-36

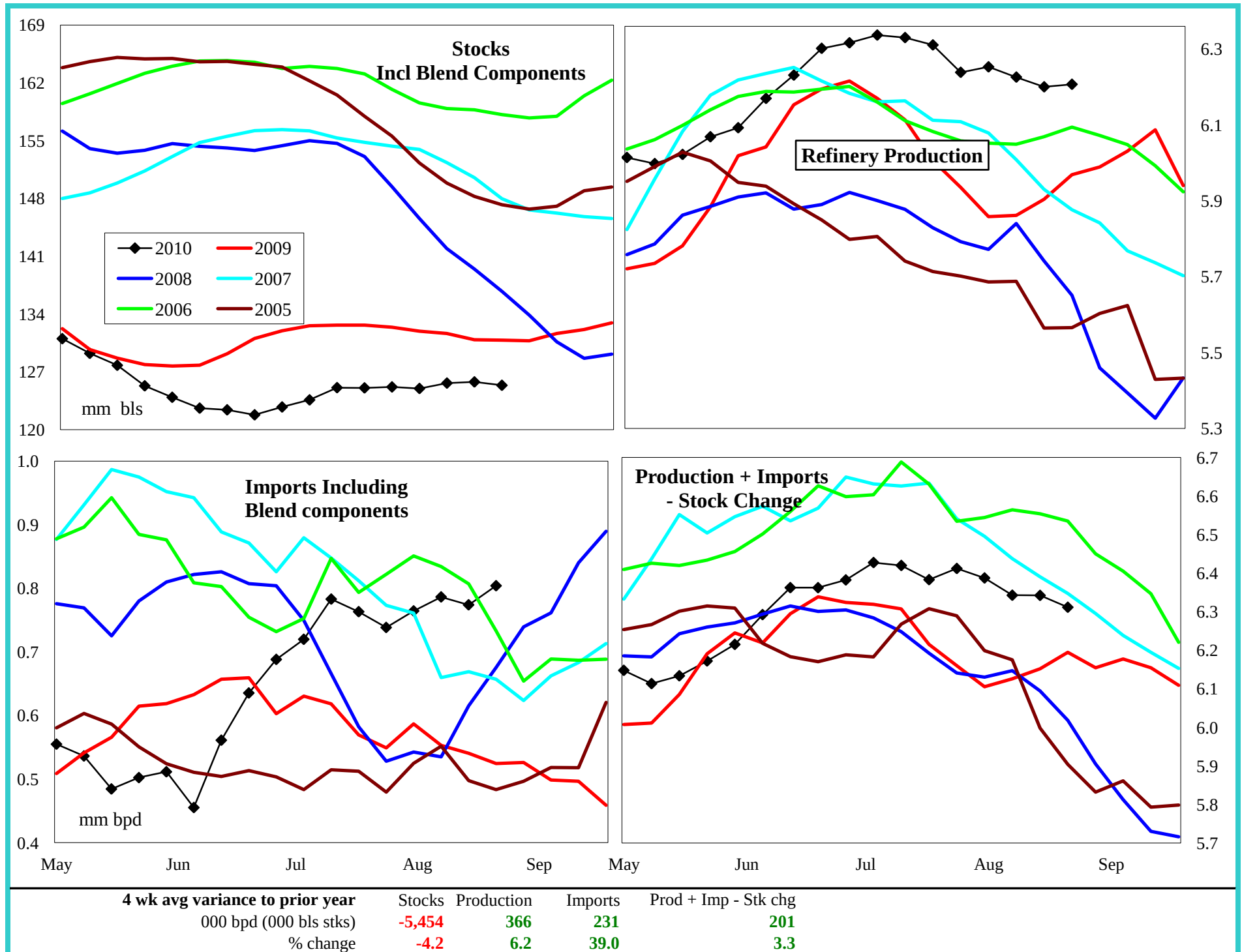
-9.3

Prod + Imp - Stk chg

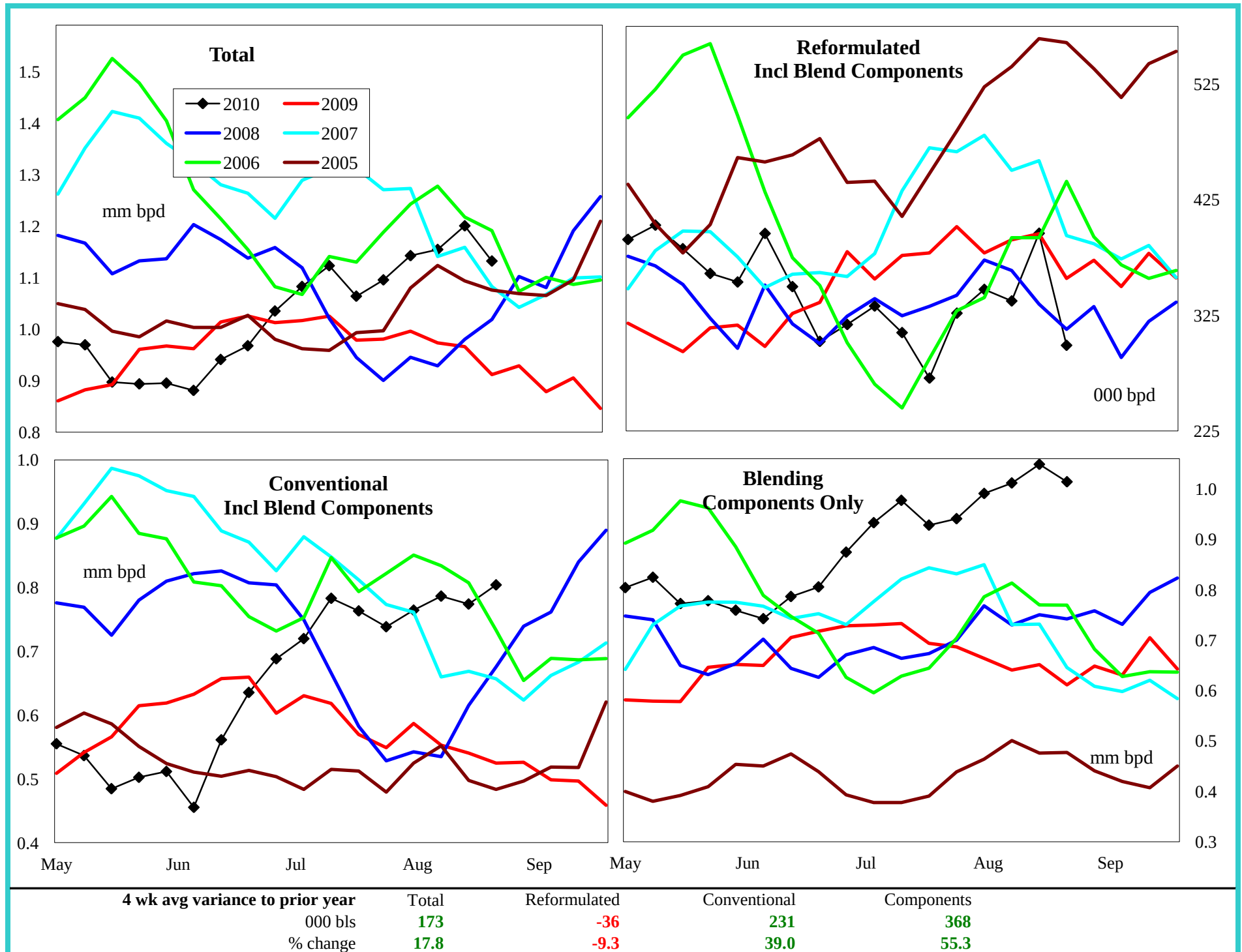
19

0.6

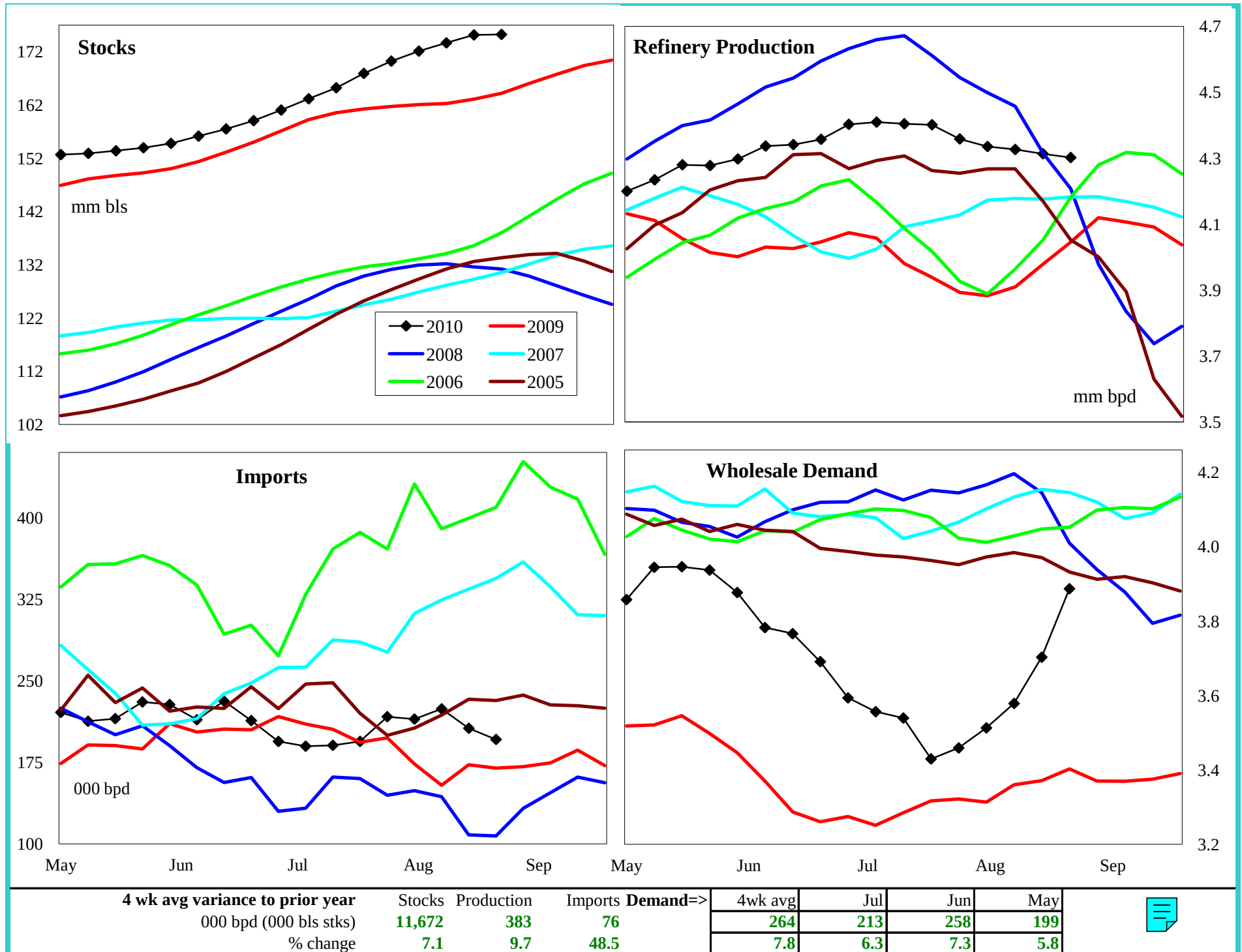
United States Conventional Gasoline Supply



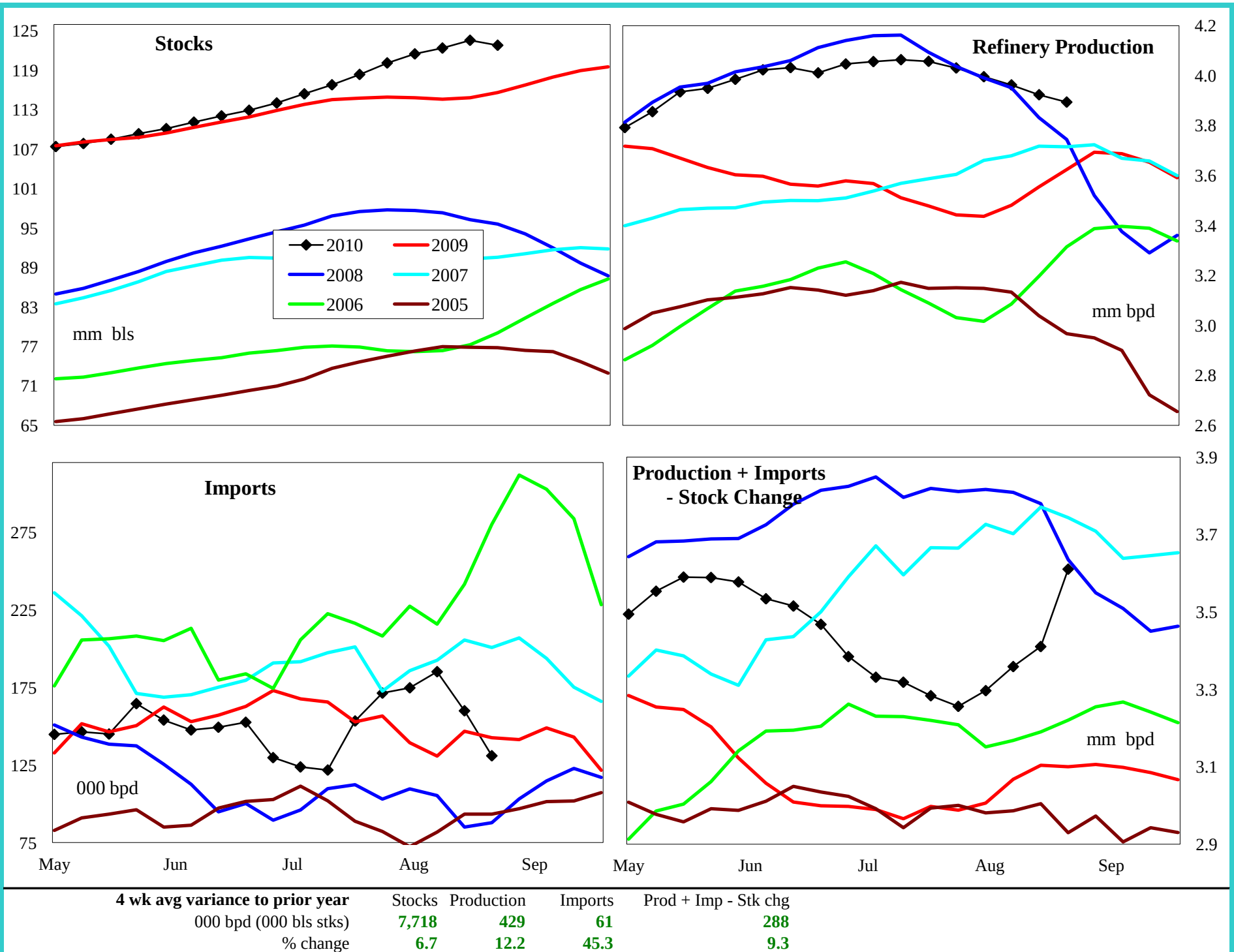
United States Gasoline Imports by Type



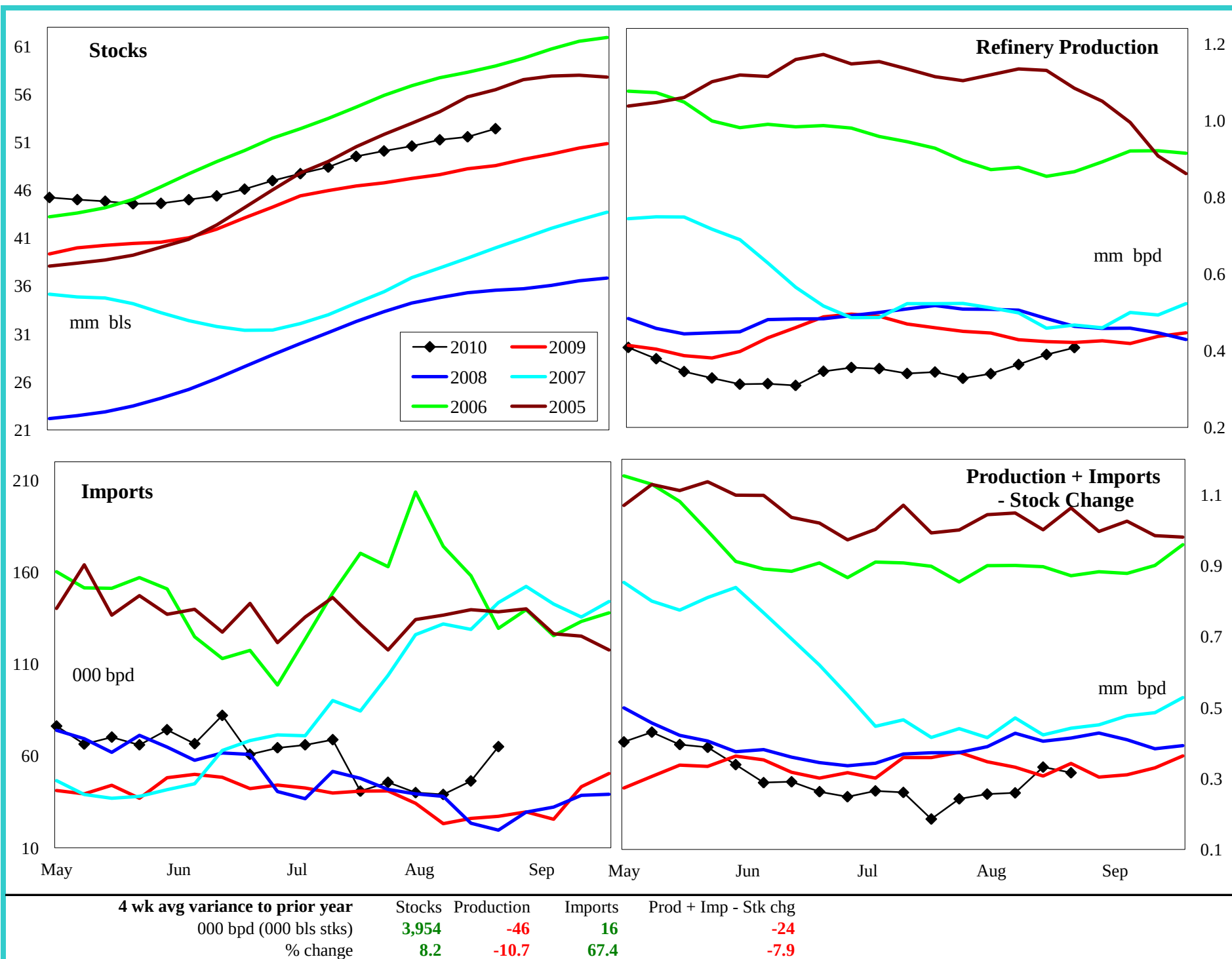
United States Distillate Supply and Demand Balance



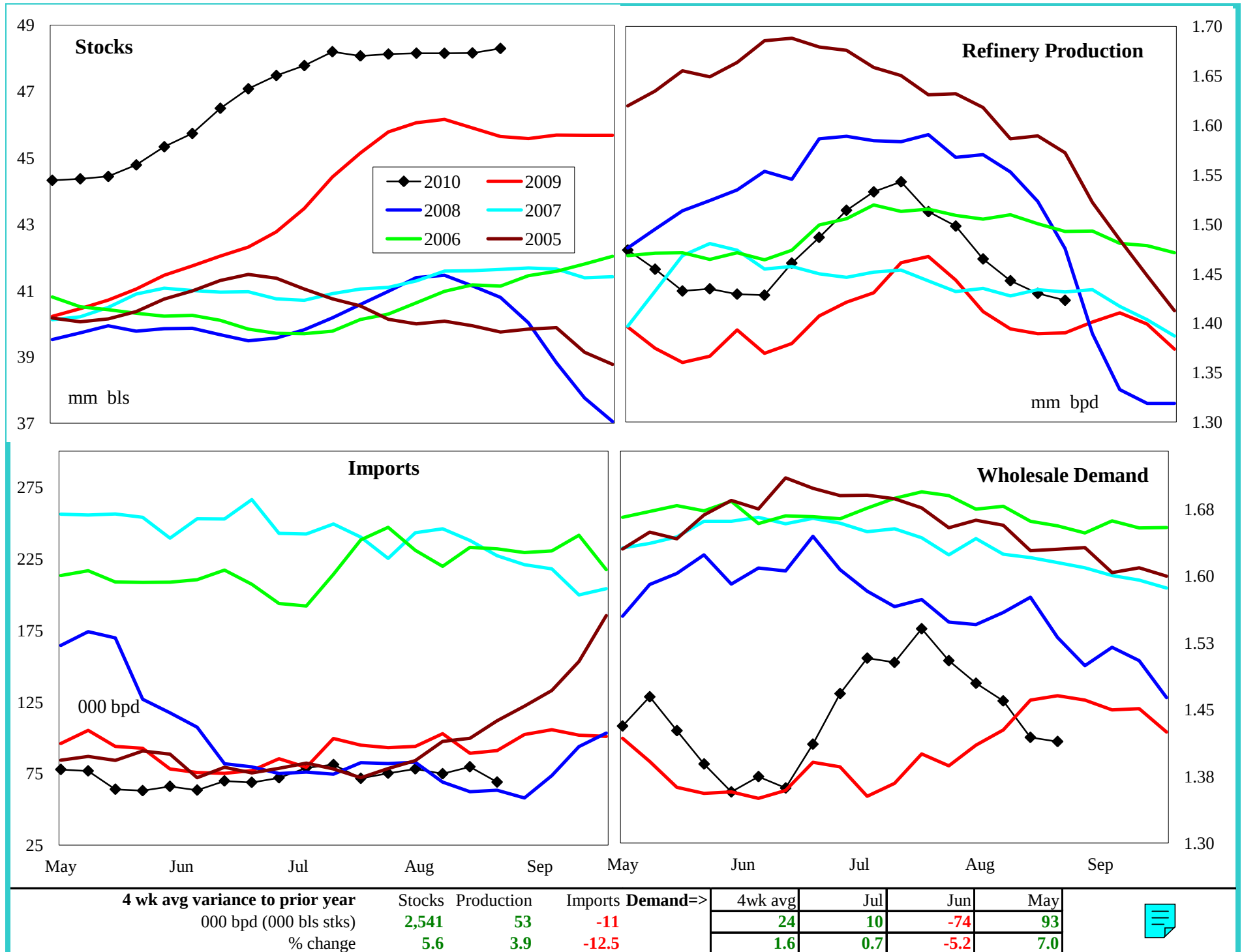
United States Low Sulfur Distillate Supply



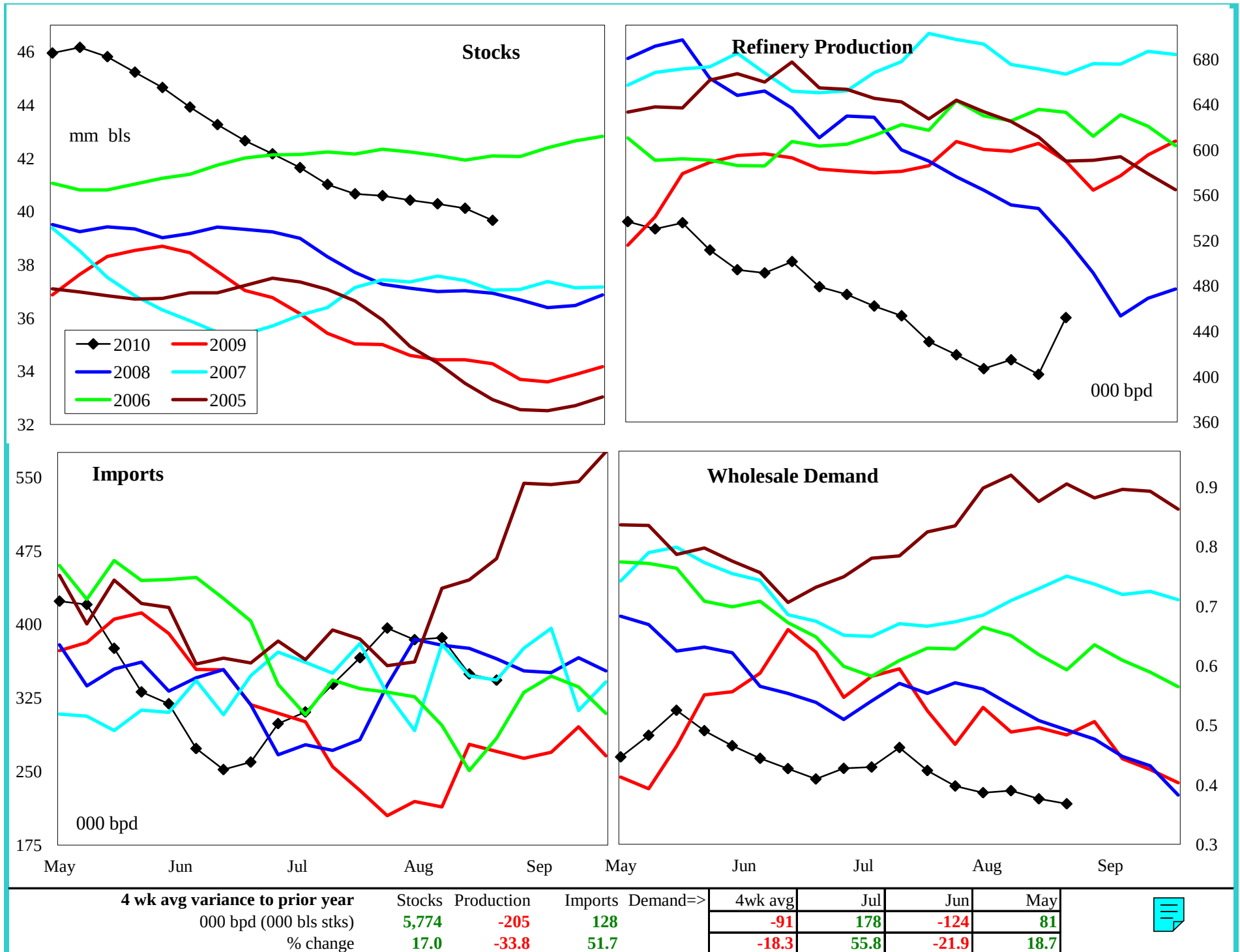
United States High Sulfur Distillate Supply



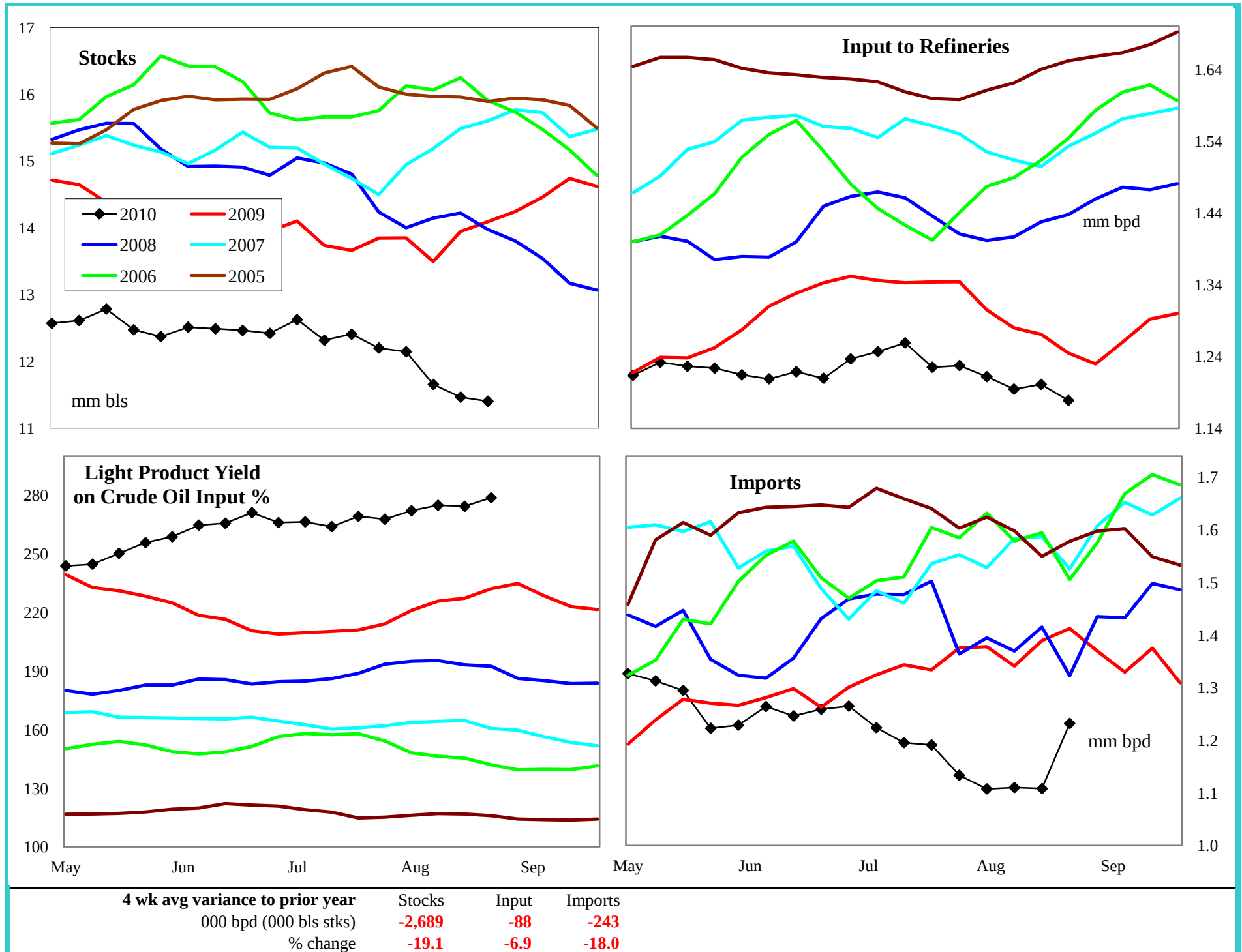
United States Jet Fuel Supply and Demand Balance



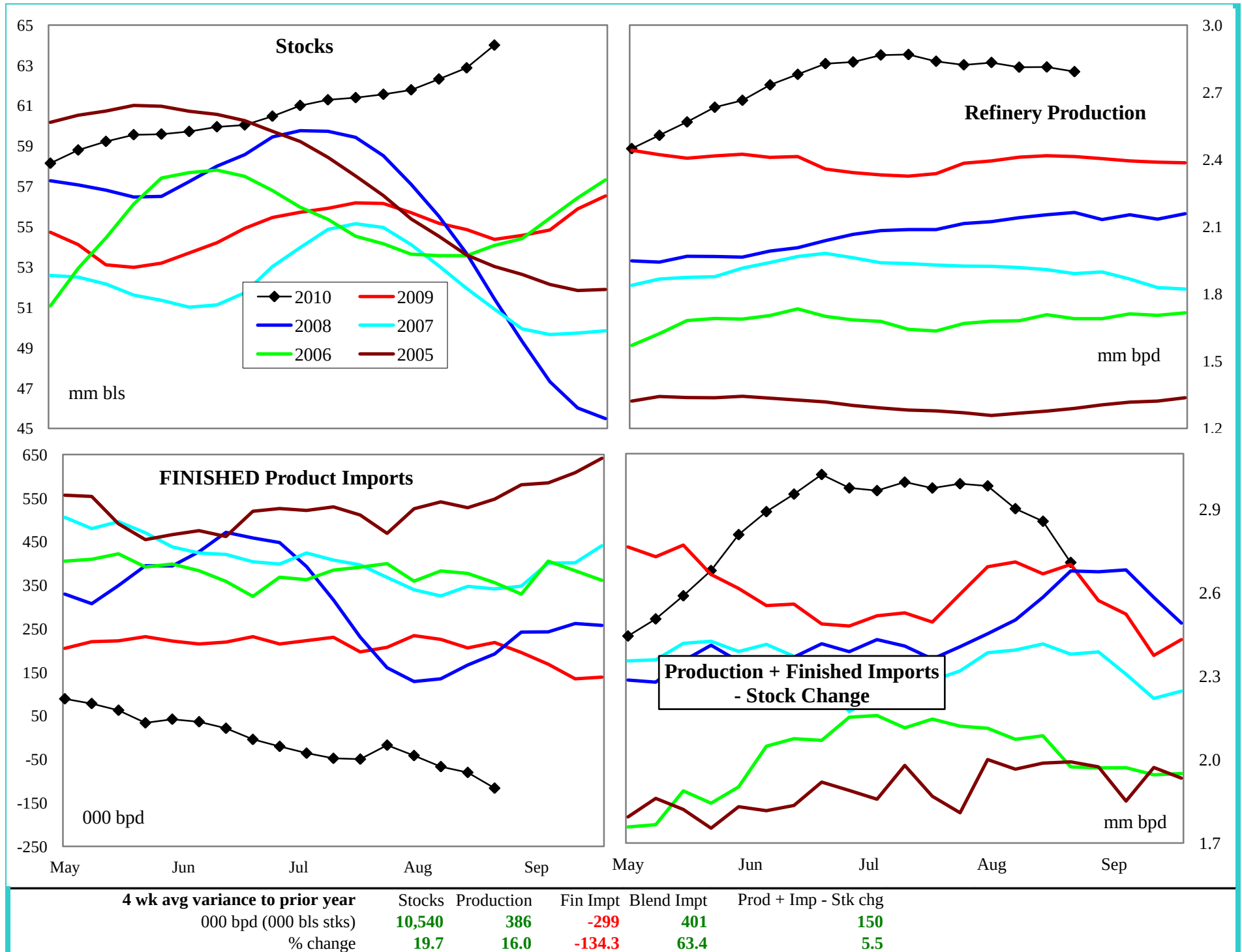
United States Residual Fuel Oil Supply and Demand Balance



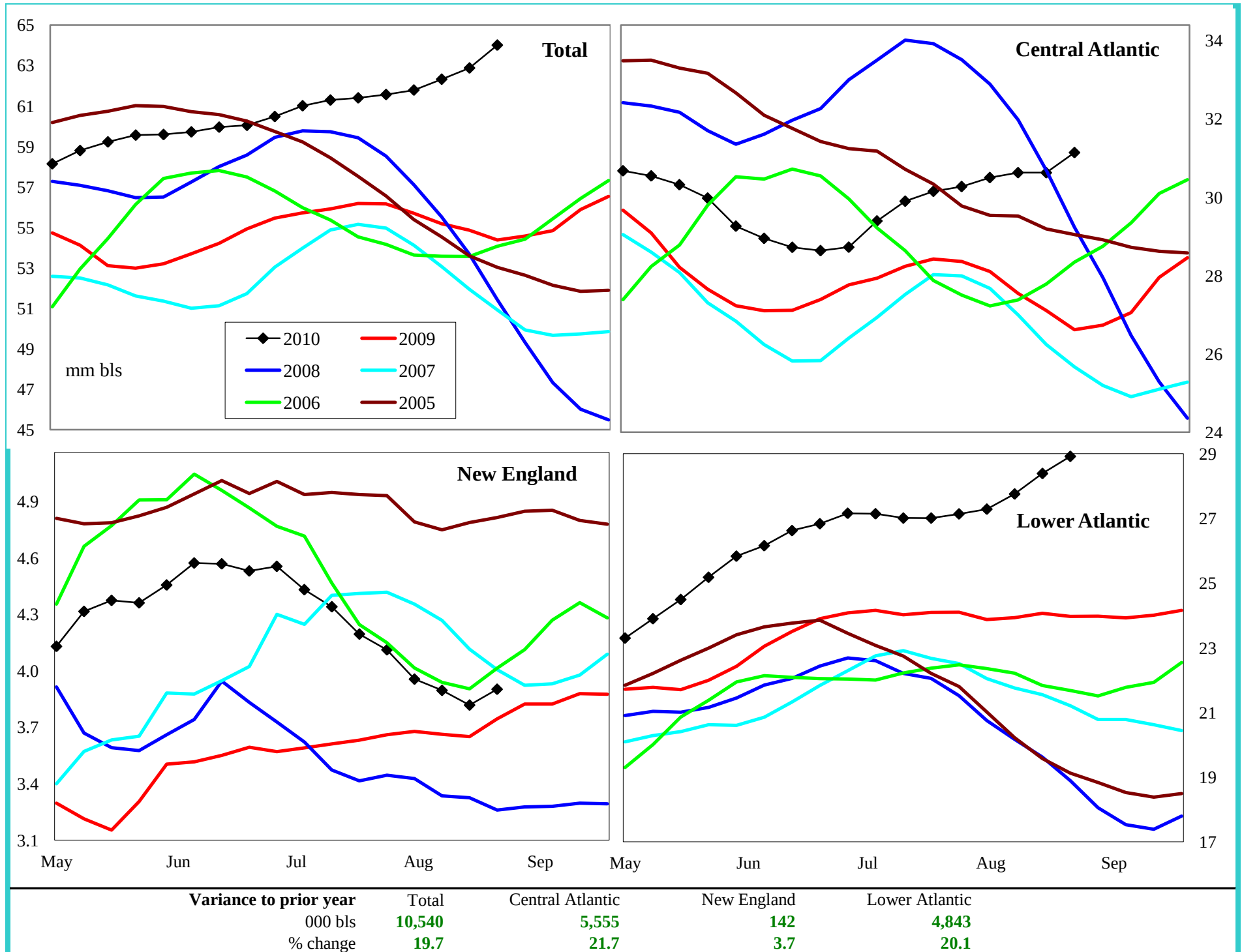
PADD 1 Crude Oil Supply and Refining



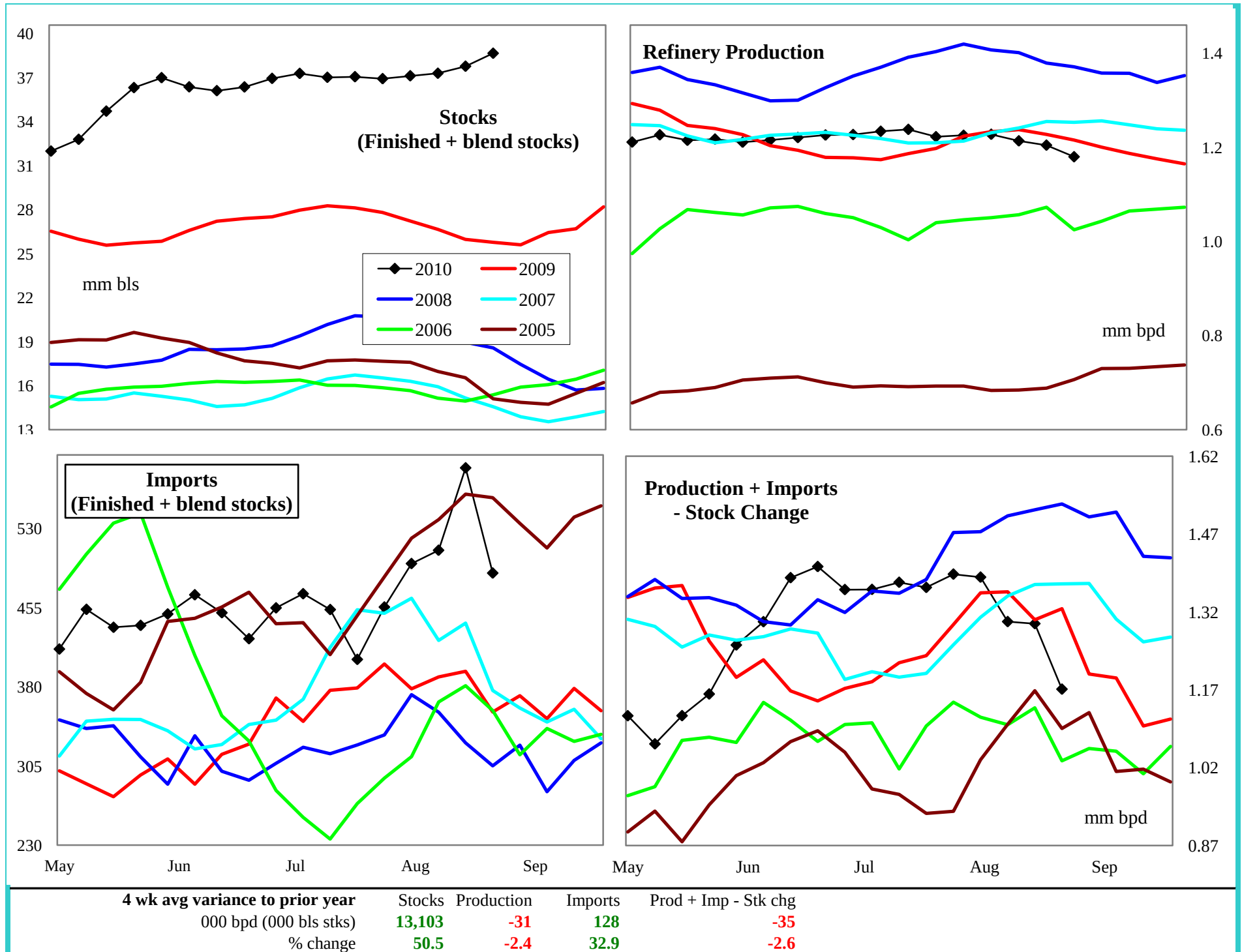
PADD 1 Gasoline Supply



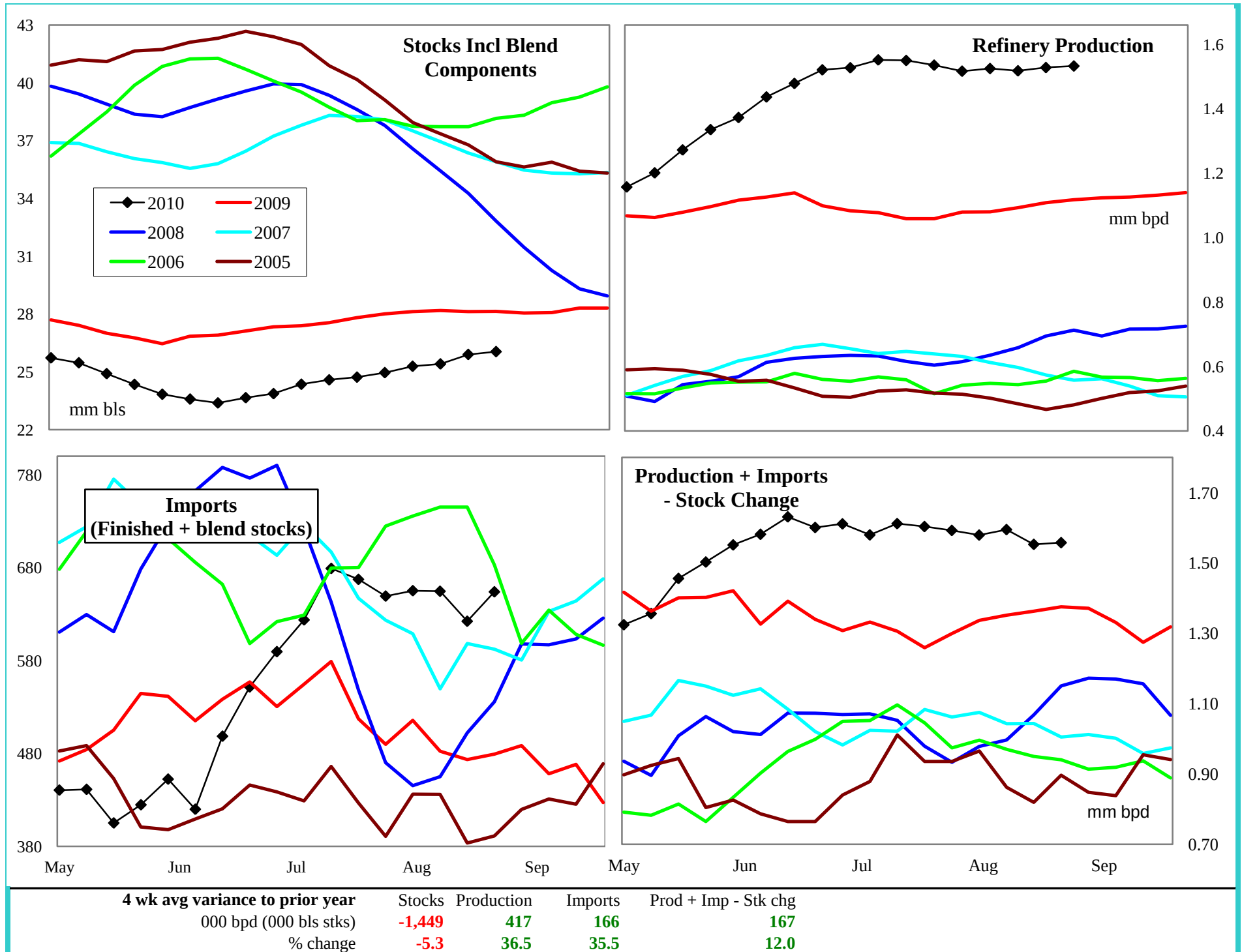
PADD 1 Gasoline Stocks by Region



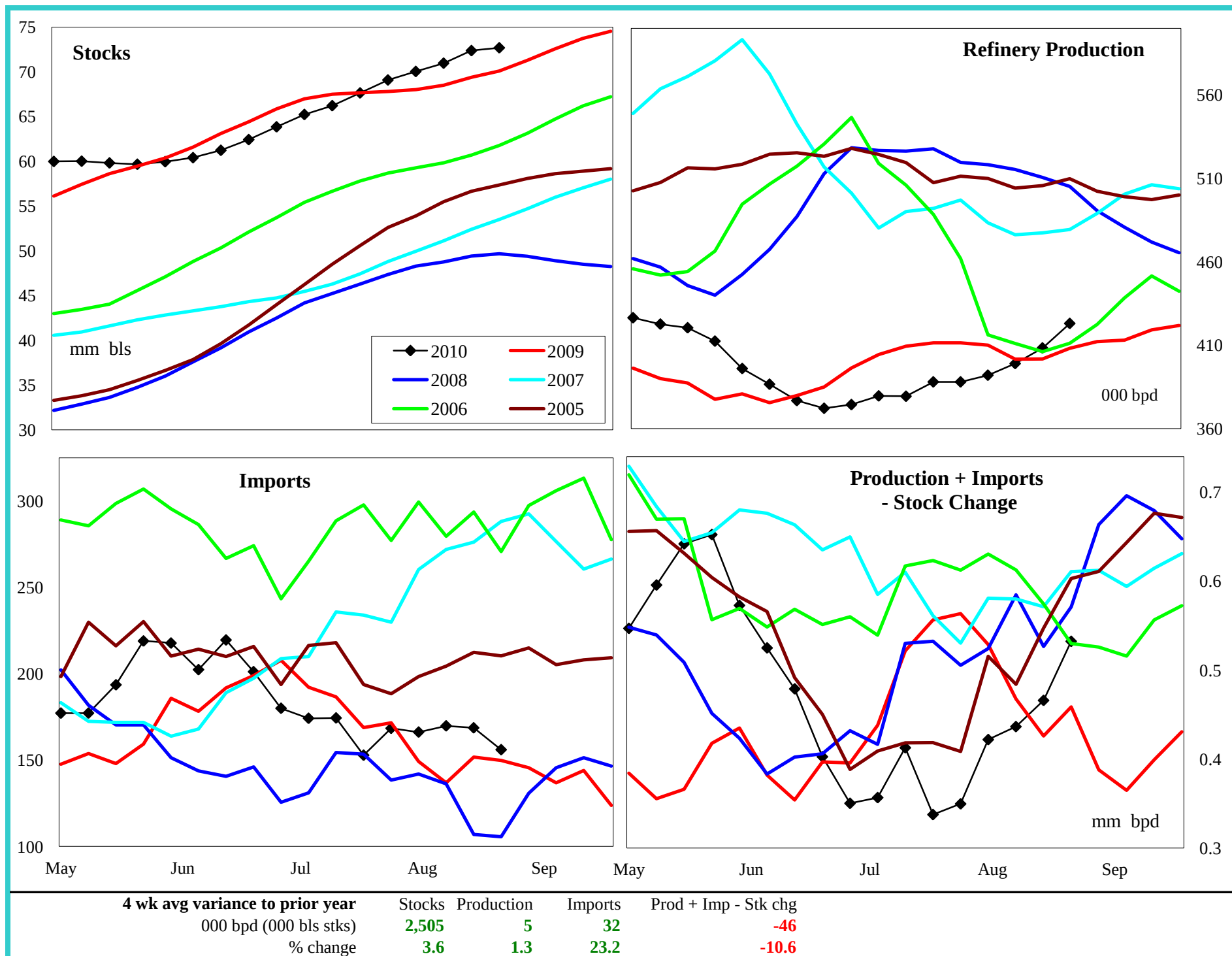
PADD 1 Reformulated Gasoline Supply



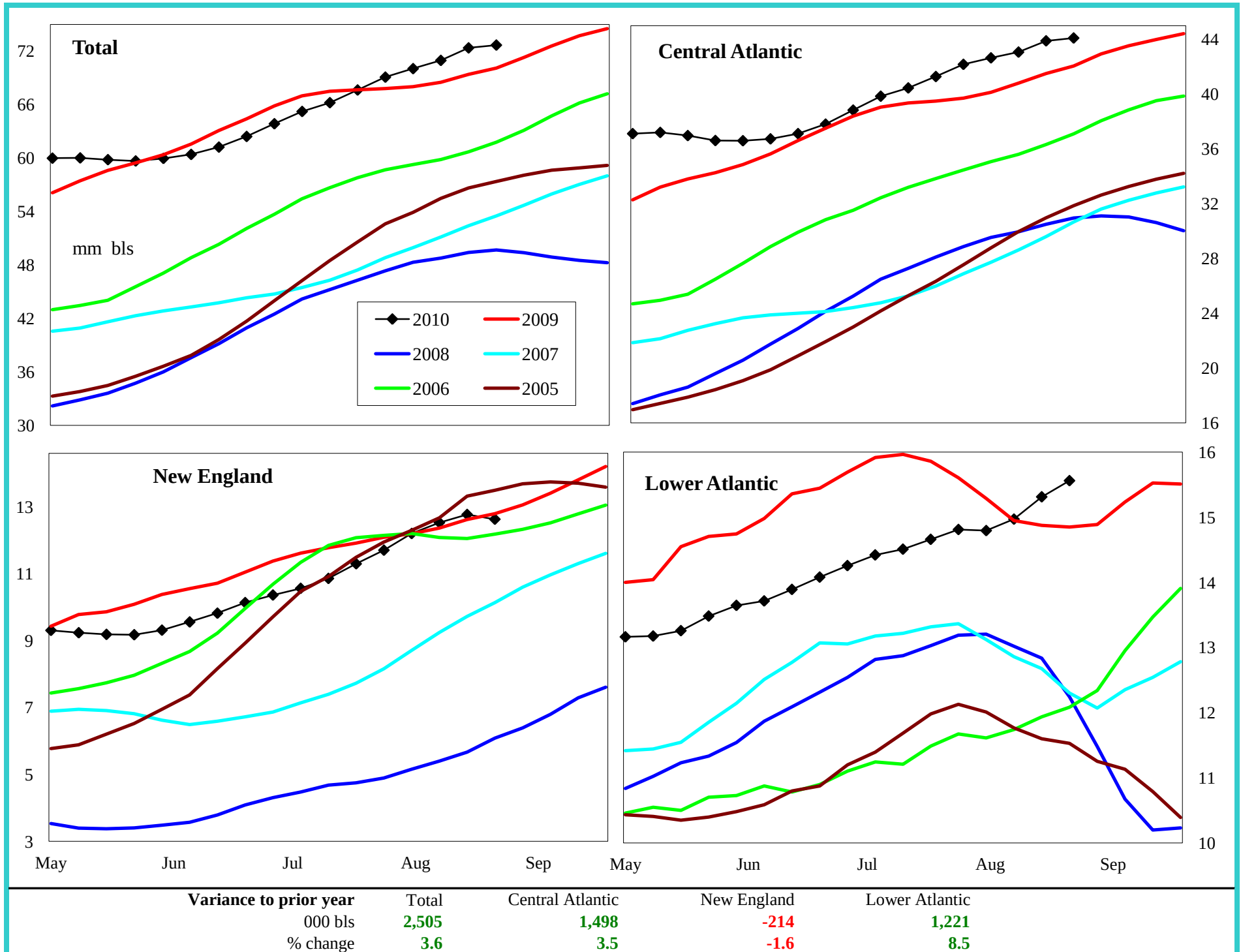
PADD 1 Conventional Gasoline Supply



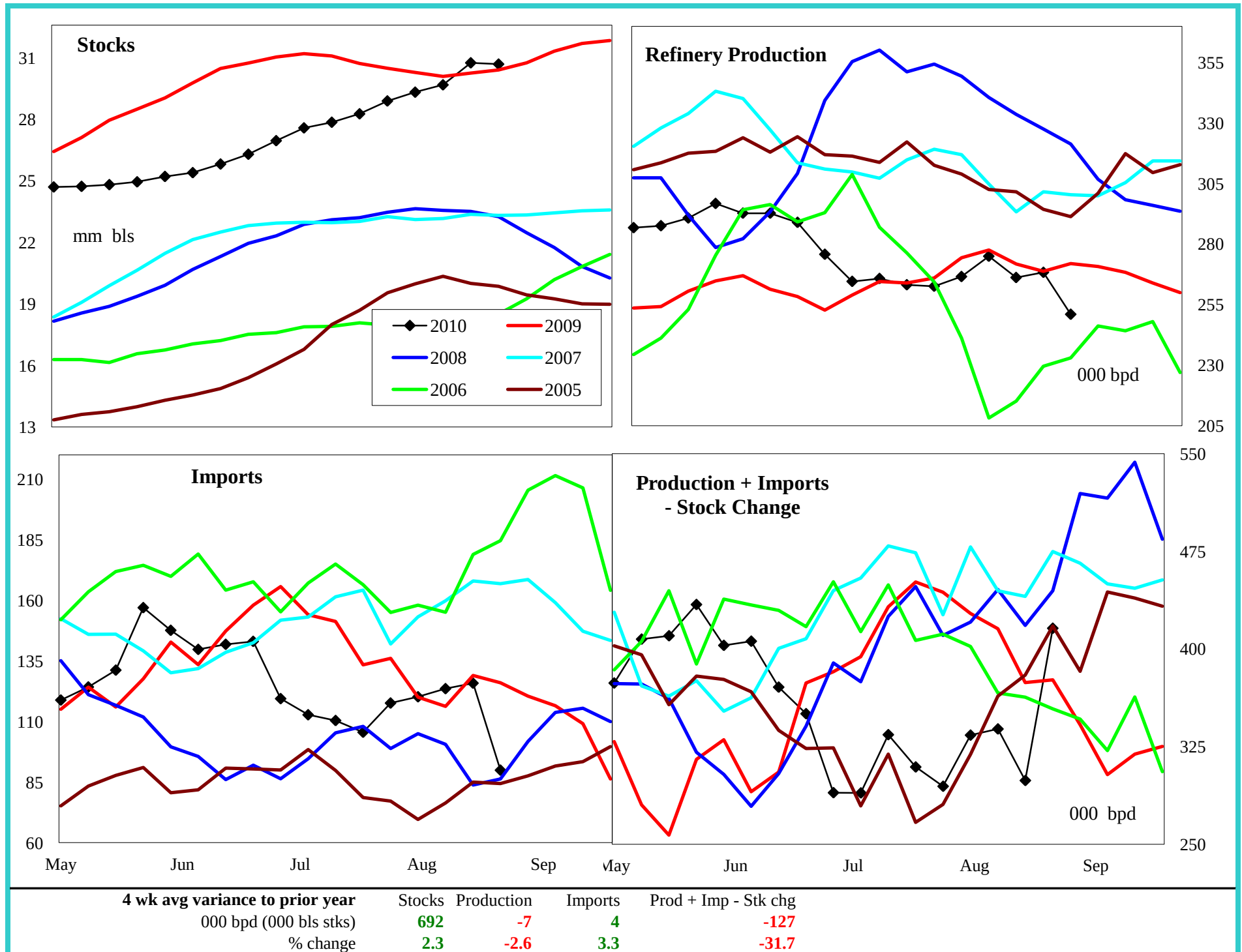
PADD 1 Distillate Supply



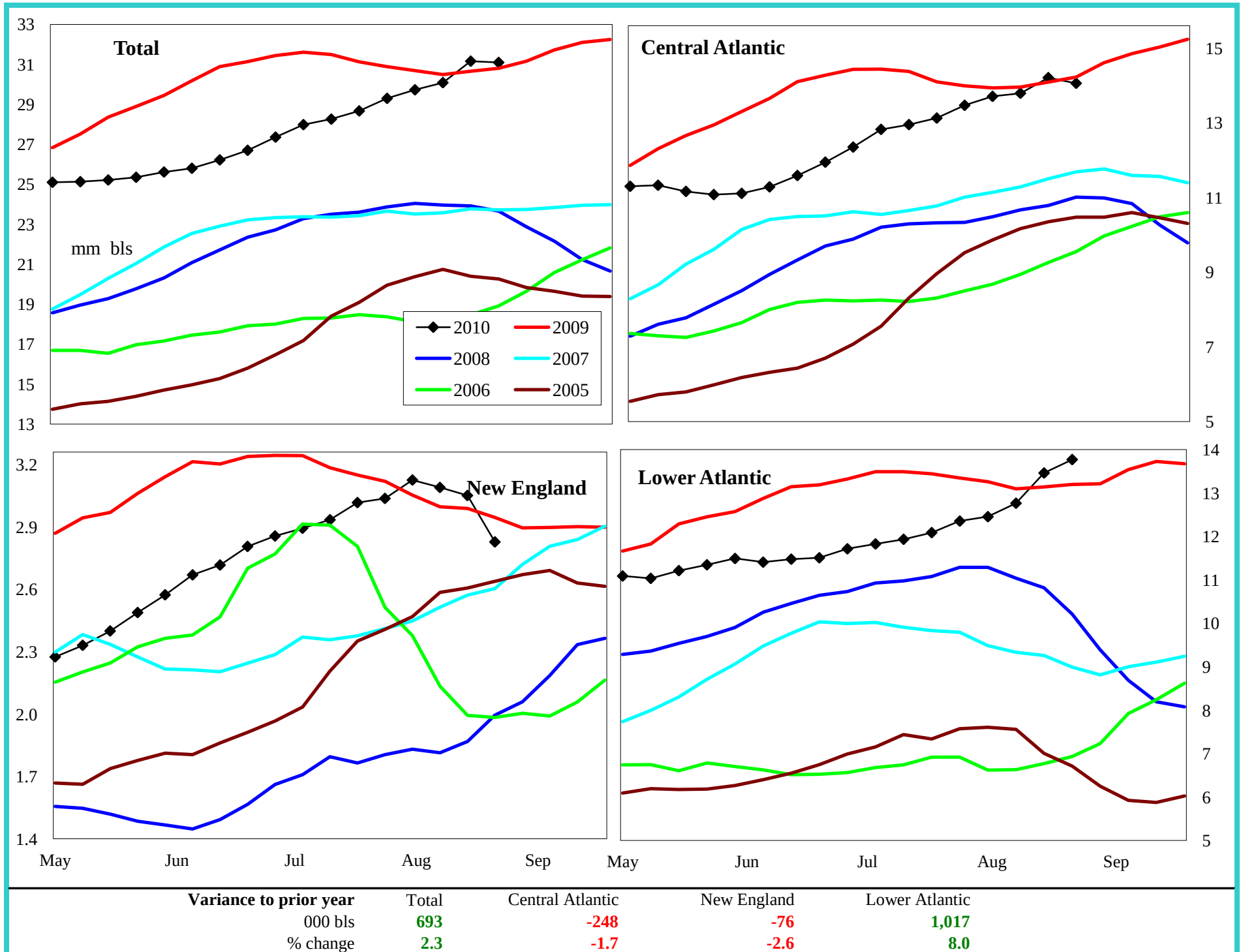
PADD 1 Distillate Stocks by Region



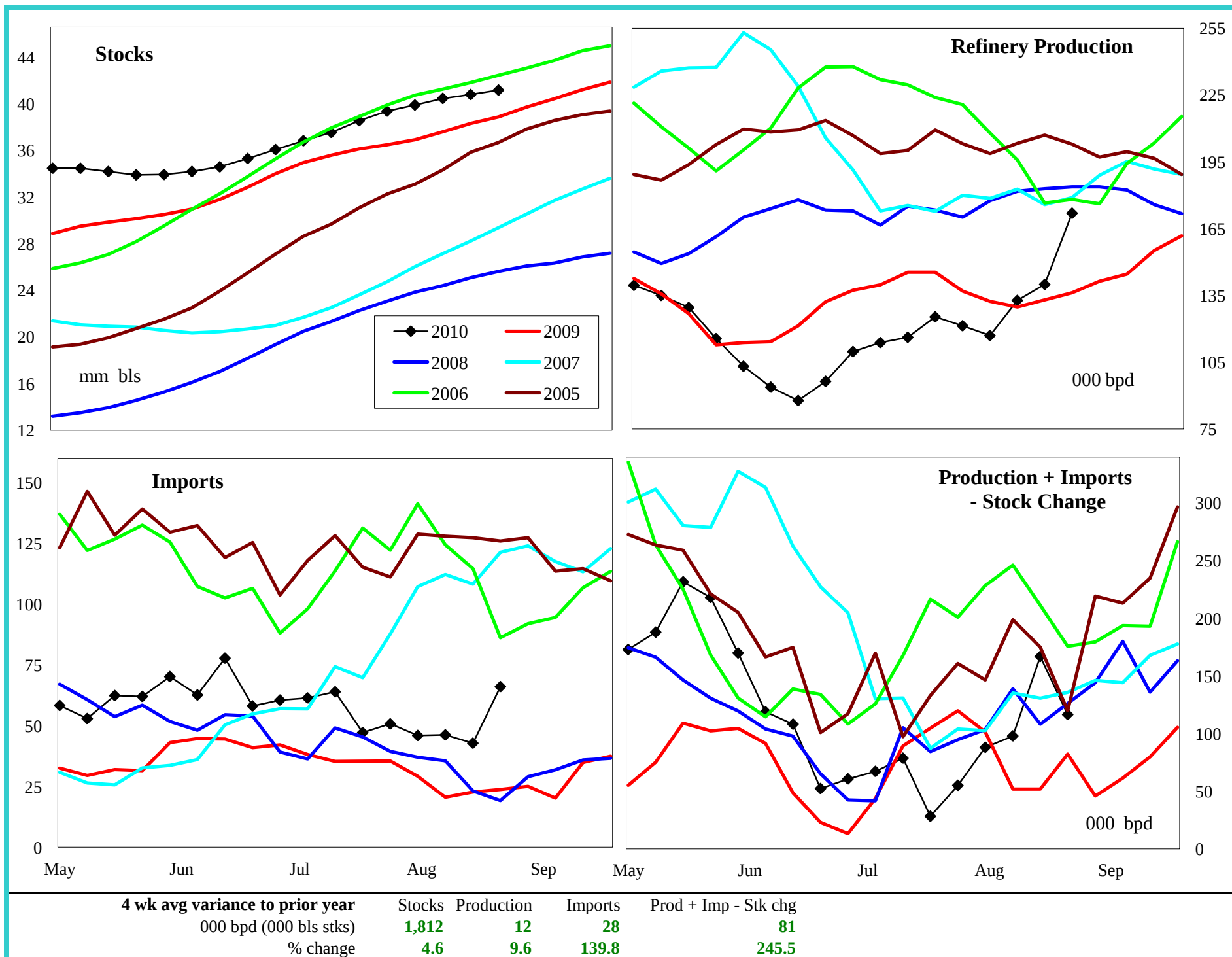
PADD 1 Low Sulfur Distillate Supply



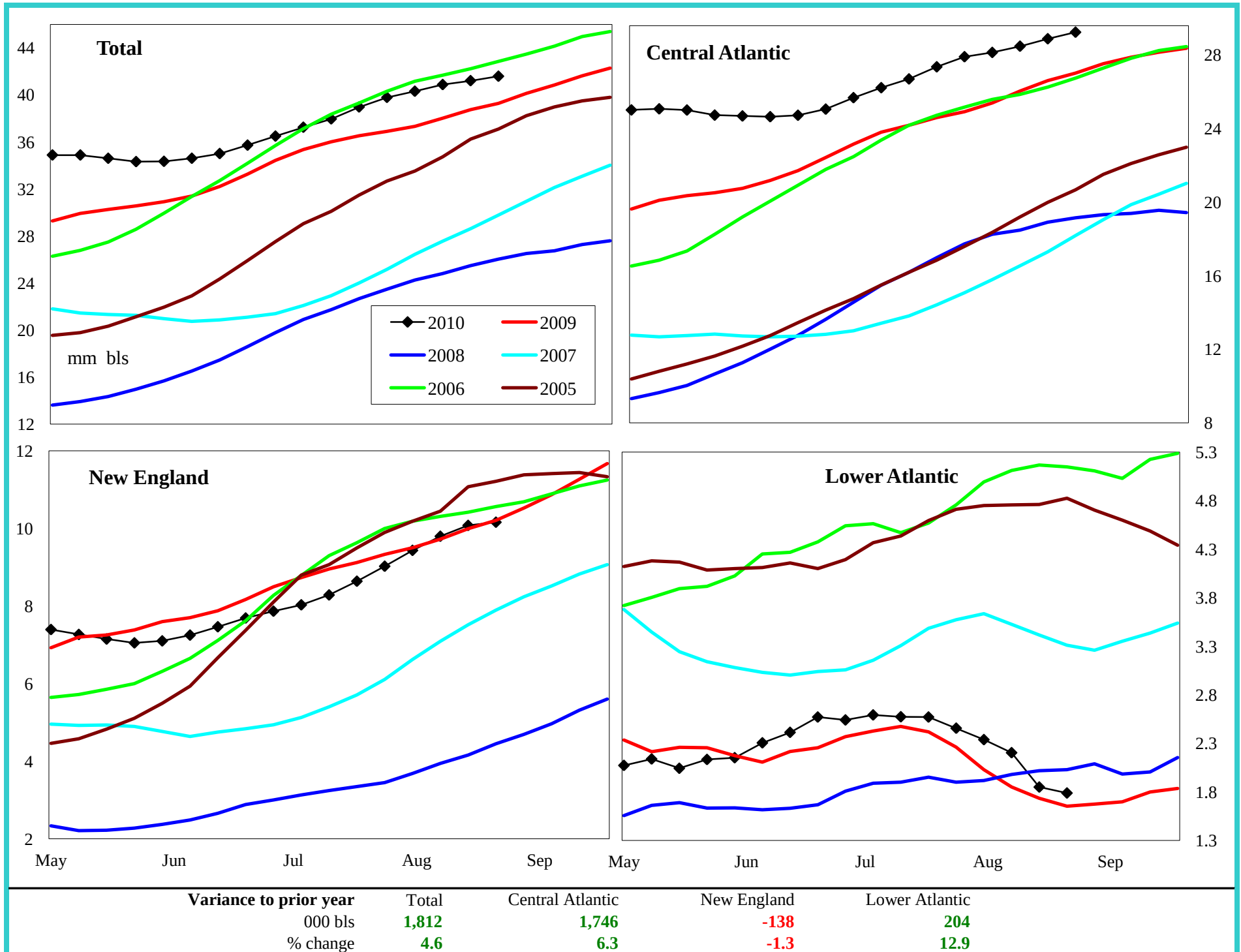
PADD 1 Low Sulfur Distillate Stocks by Region



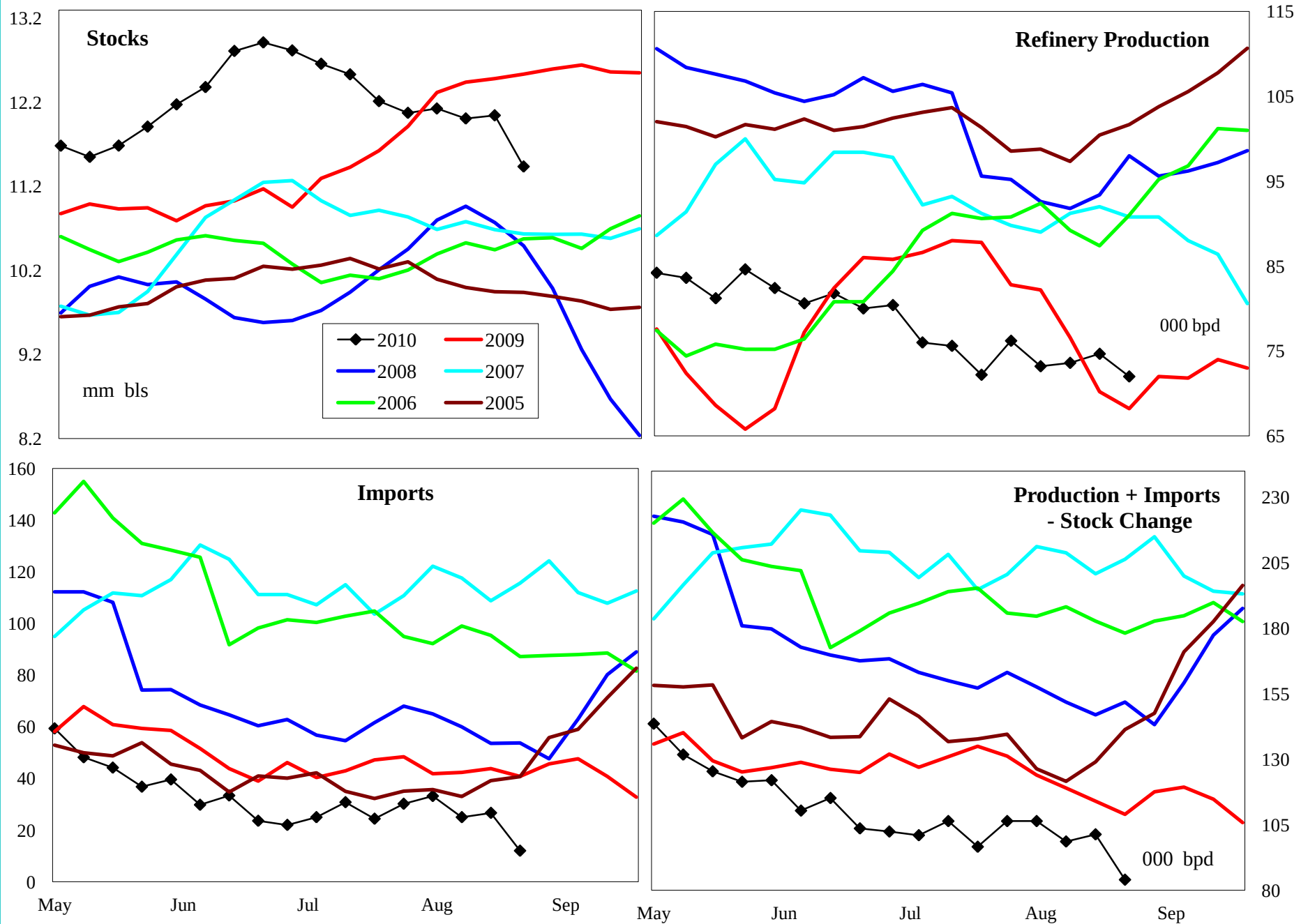
PADD 1 High Sulfur Distillate Supply



PADD 1 High Sulfur Distillate Stocks by Region



PADD 1 Jet Fuel Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

-1,100

-1

-20

-16

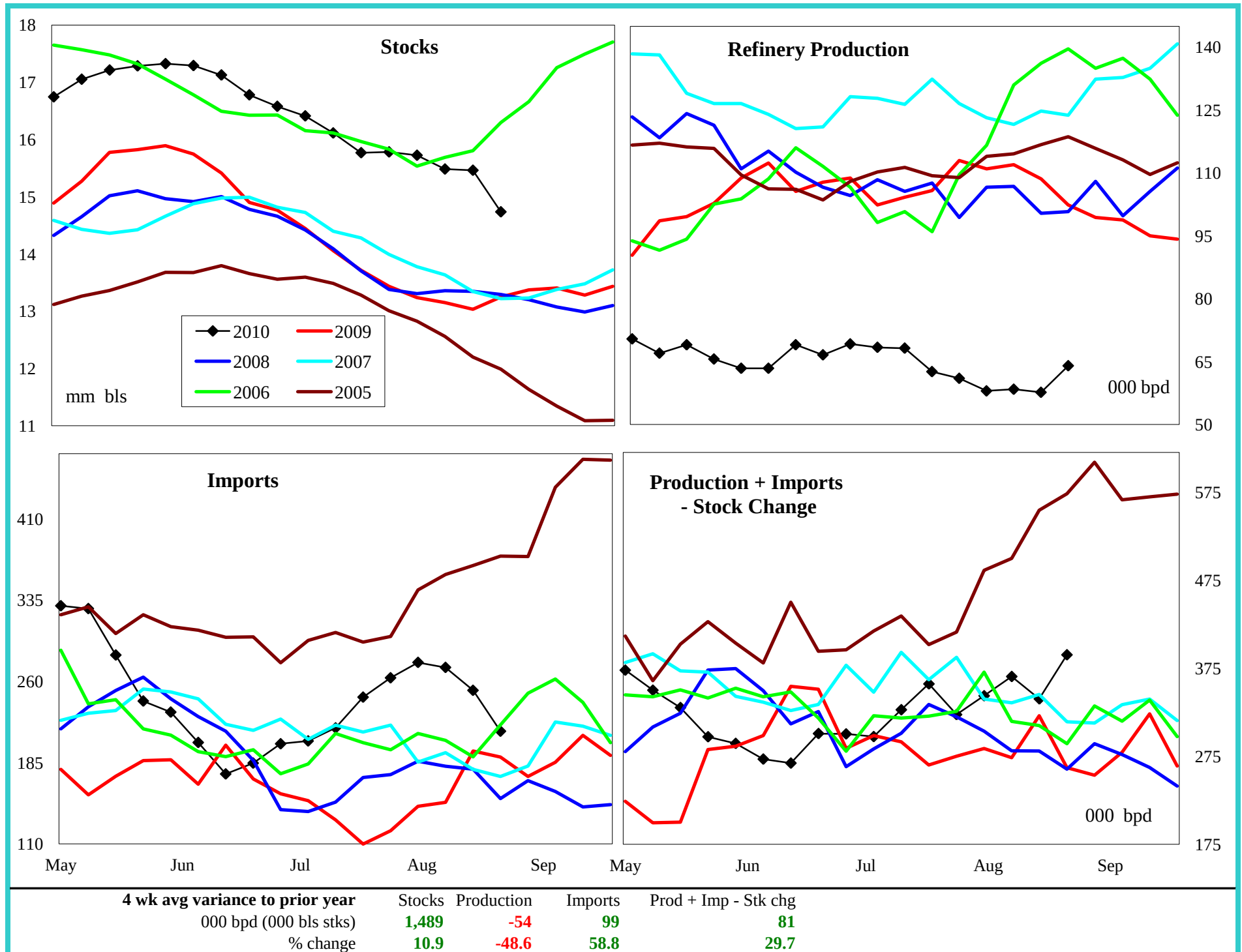
-8.8

-1.3

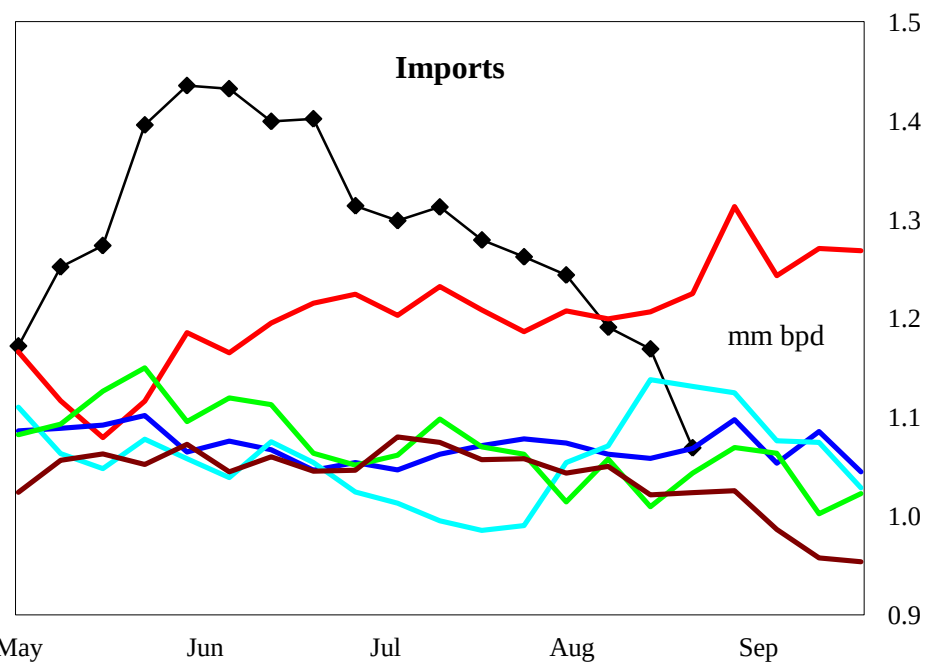
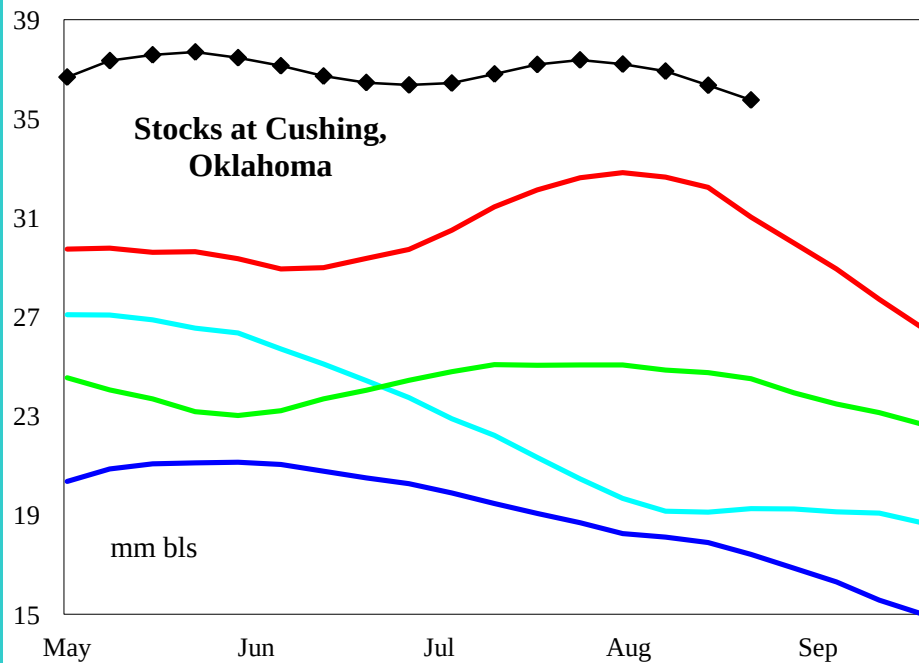
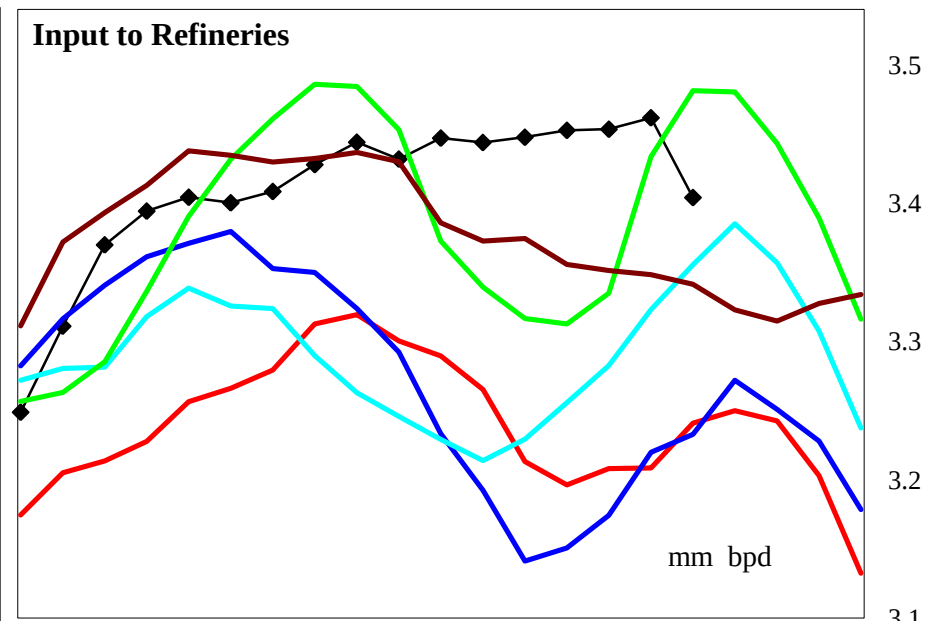
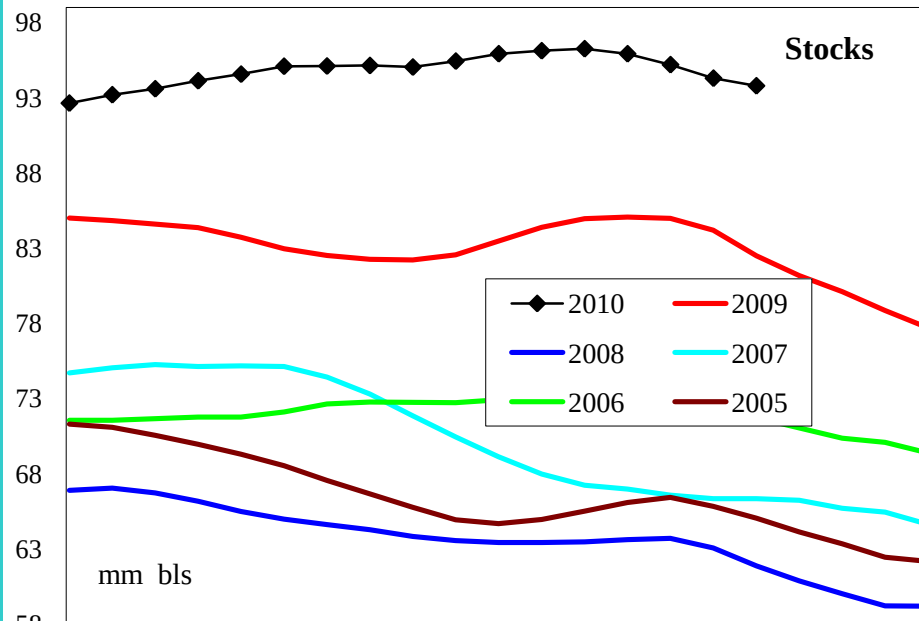
-46.0

-14.1

PADD 1 Residual Fuel Oil Supply



PADD 2 Crude Oil Supply and Refining



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

11,319

13.7

Cushing

4,726

15.2

Input

255

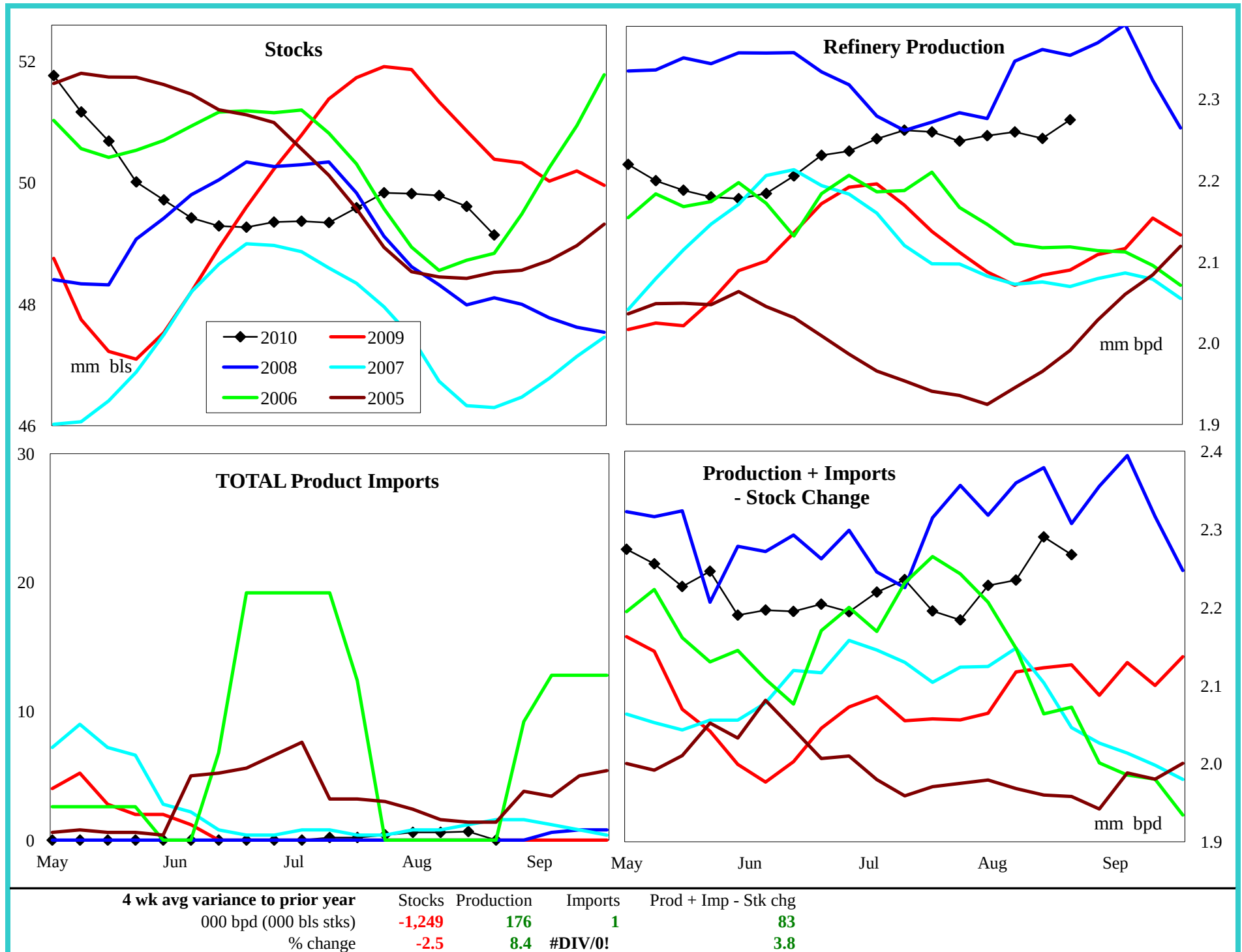
8.0

Imports

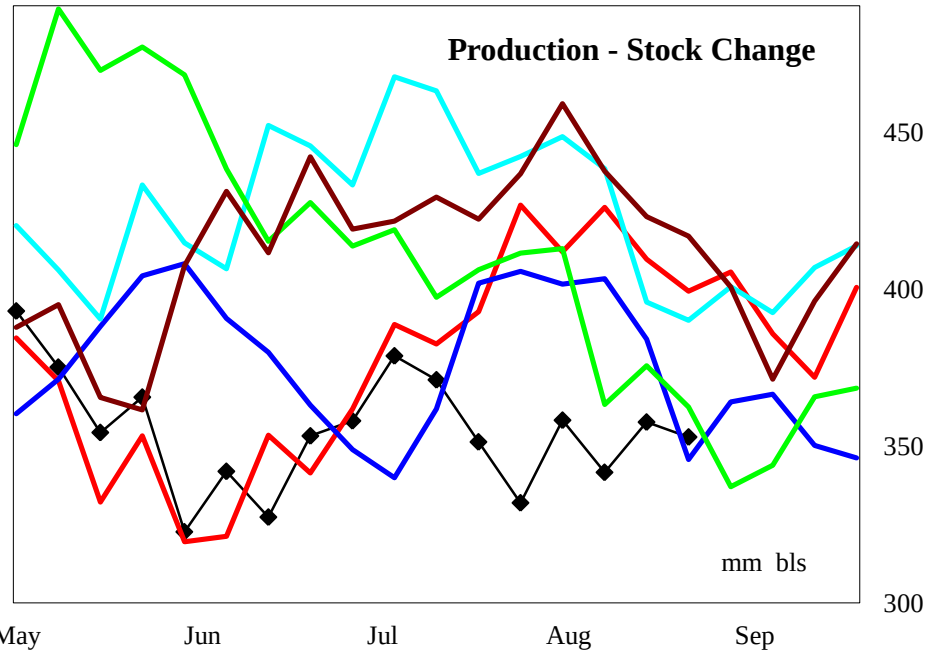
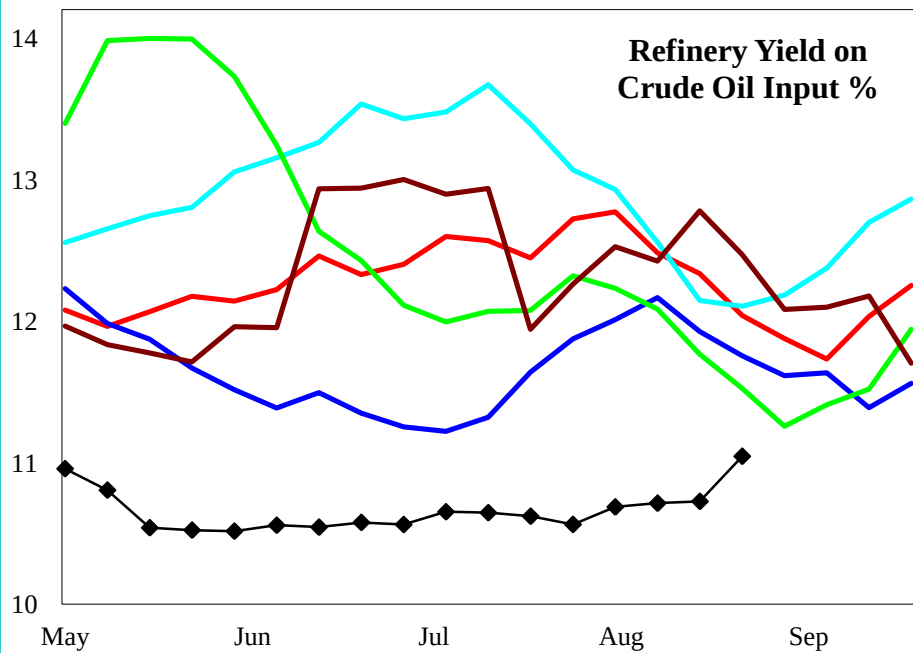
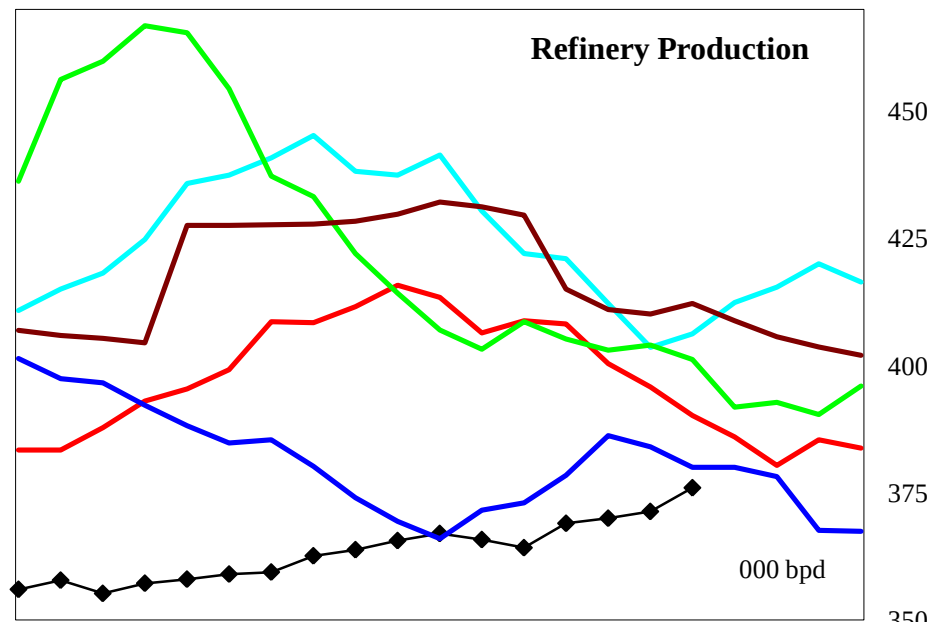
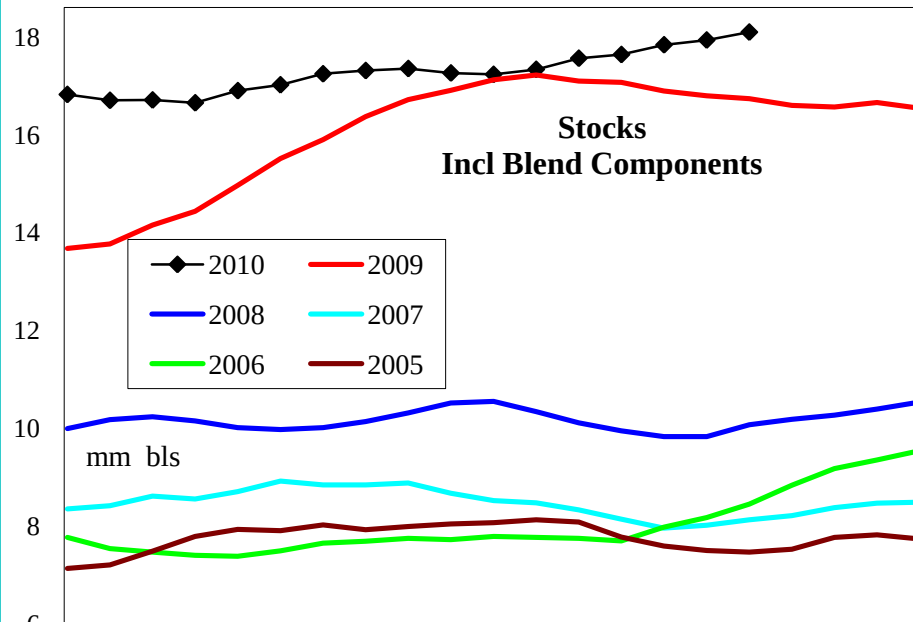
-39

-3.2

PADD 2 Gasoline Supply



PADD 2 Reformulated Gasoline Supply

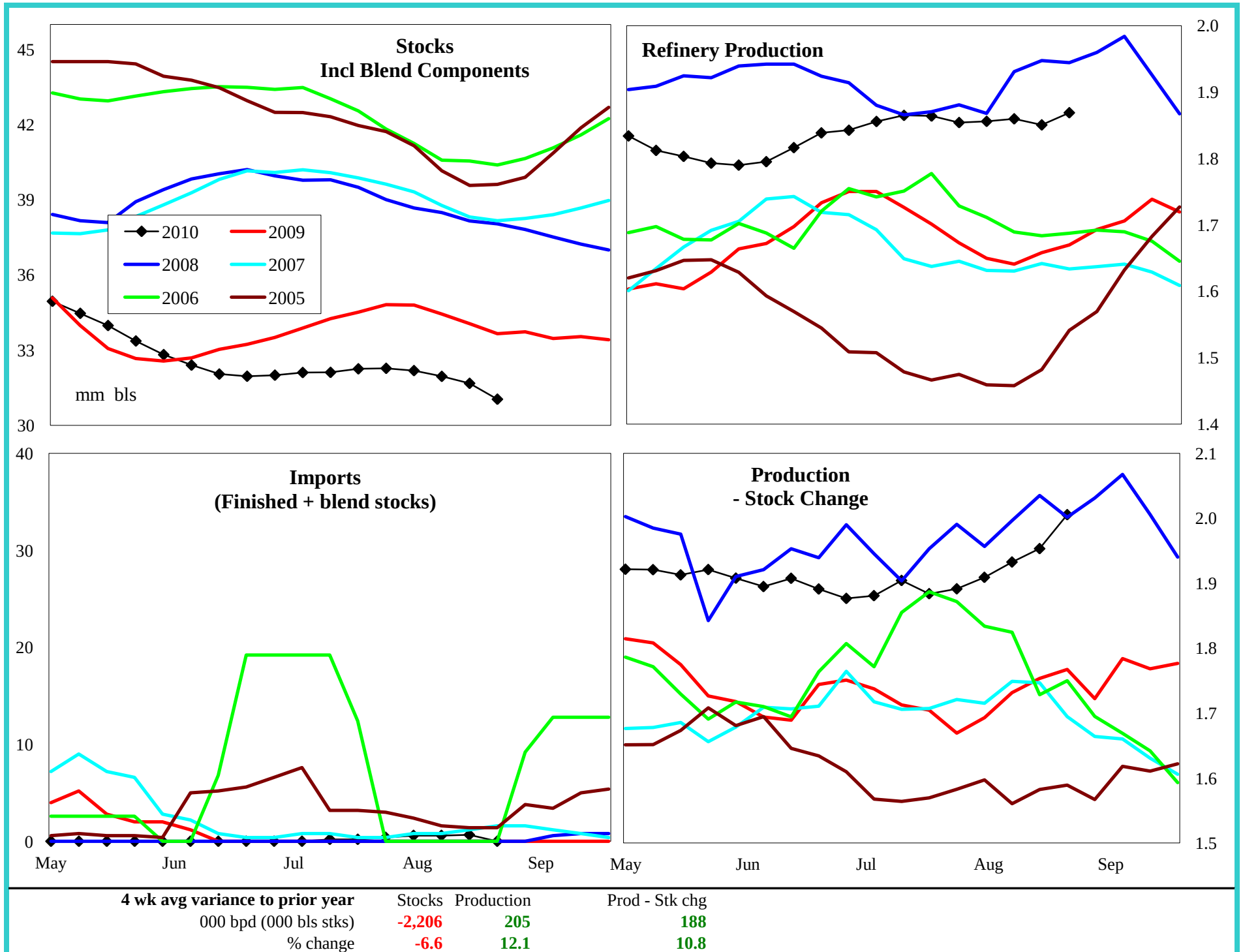


4 wk avg variance to prior year
 000 bpd (000 bls stks)
 % change

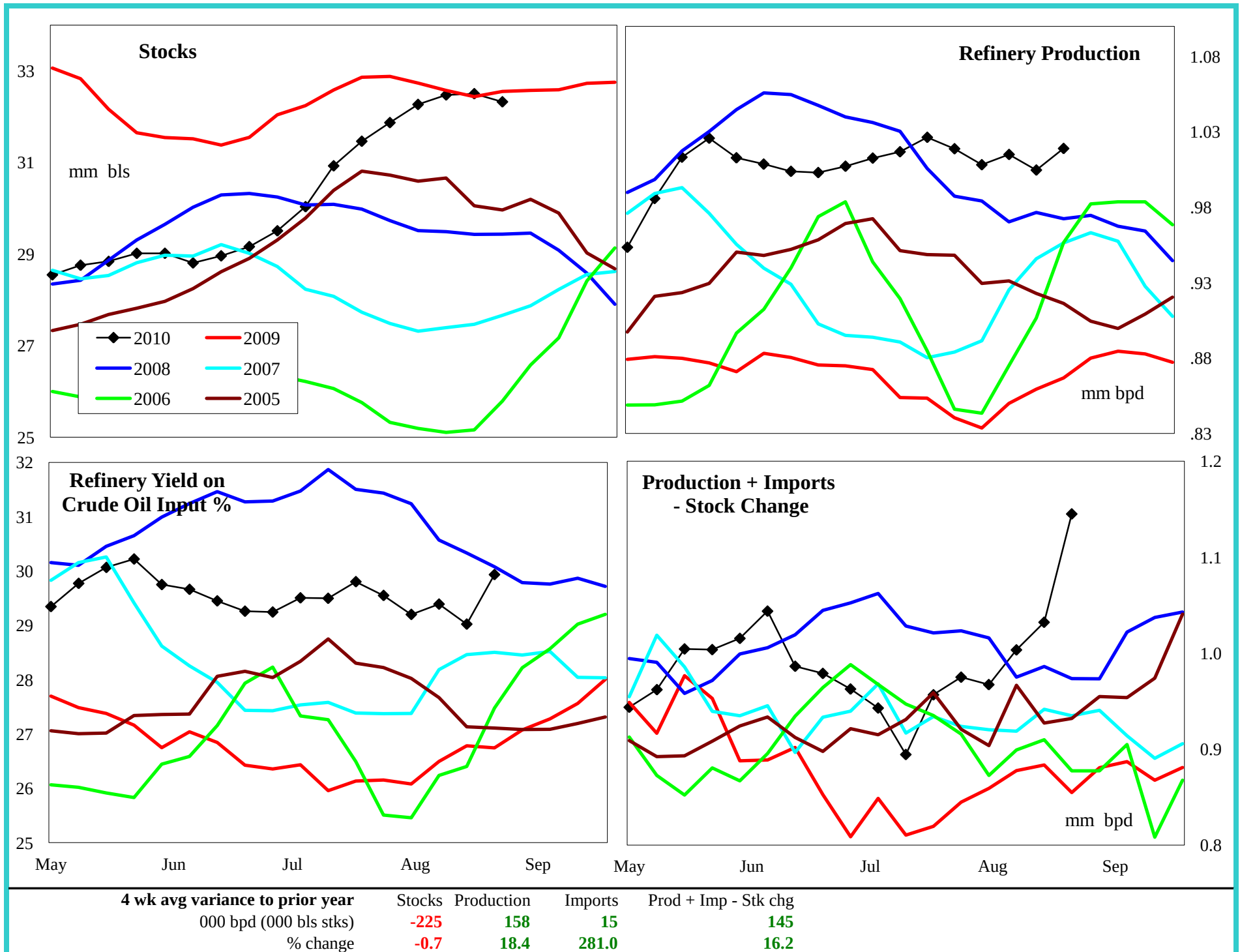
Stocks Production
1,362 **-27**
7.9 **-6.8**

Prod - Stk chg
-59
-14.4

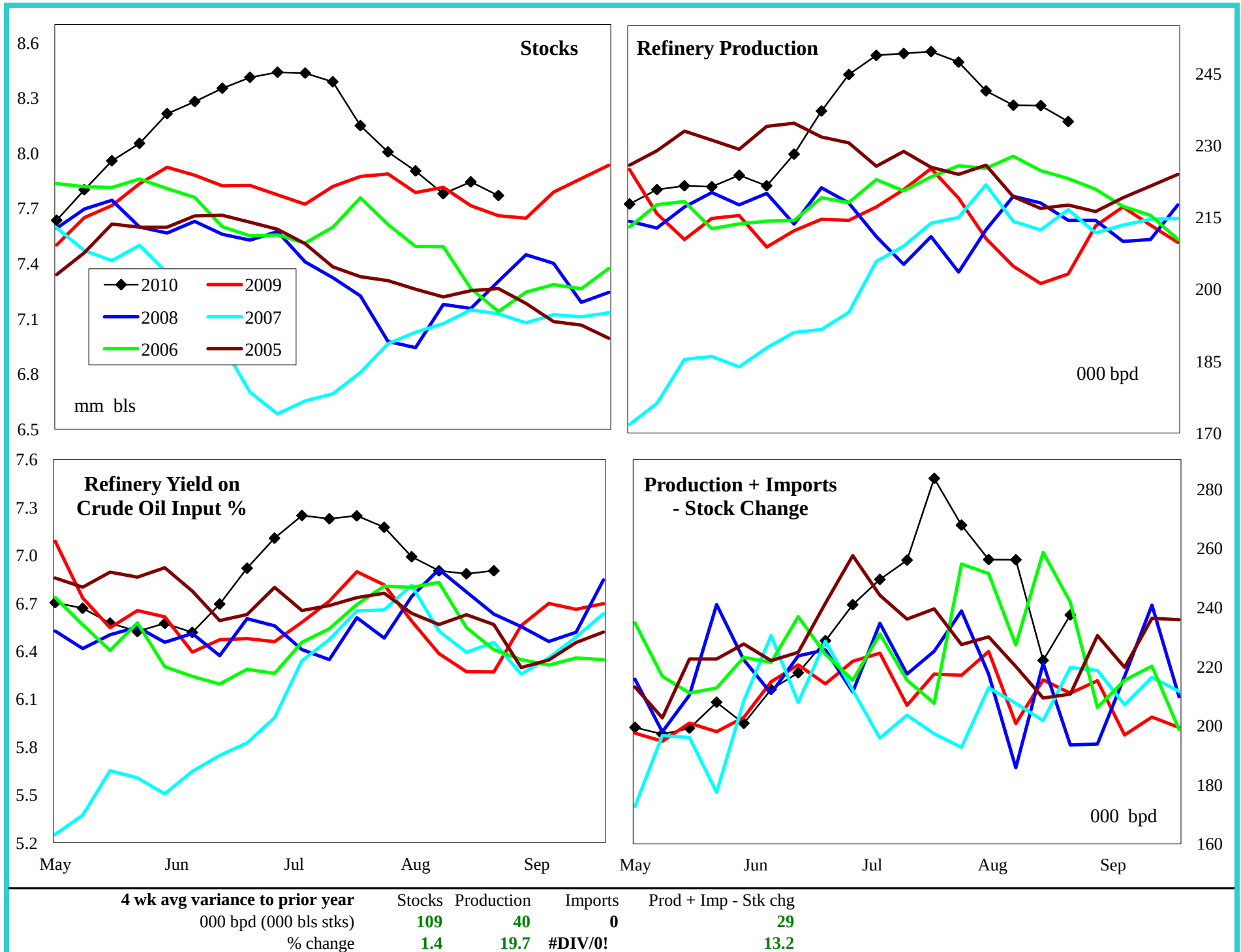
PADD 2 Conventional Gasoline Supply



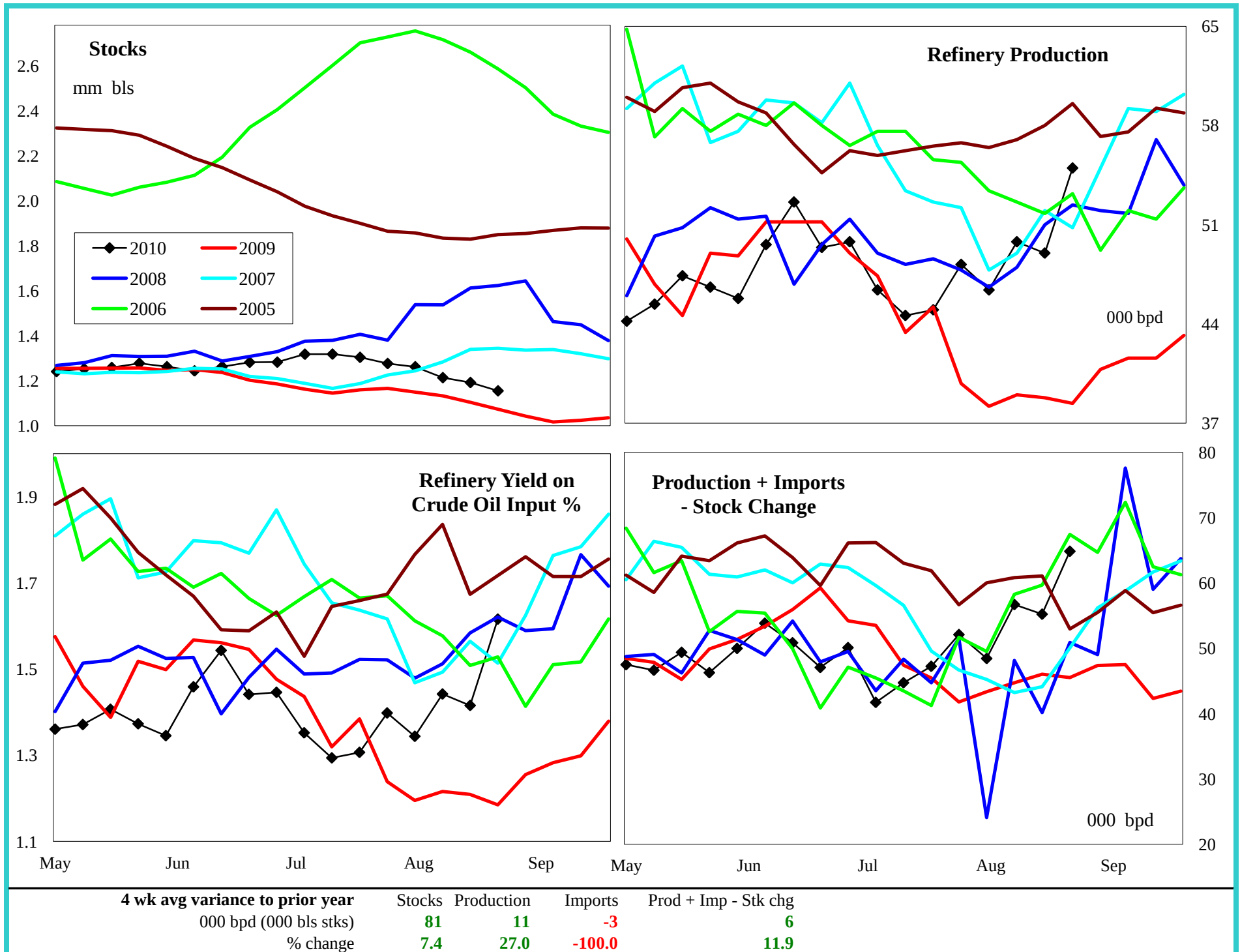
PADD 2 Distillate Supply



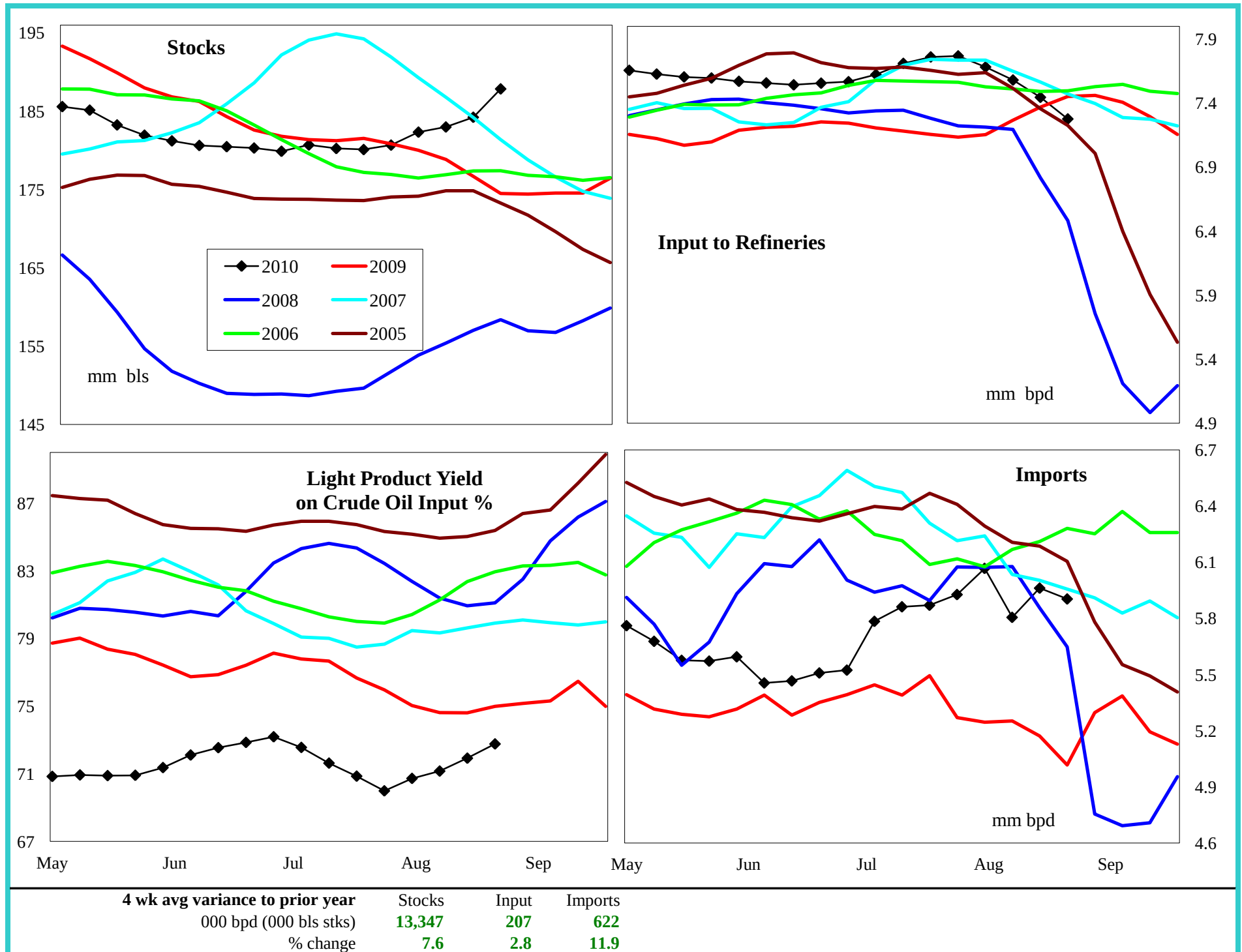
PADD 2 Jet Fuel Supply



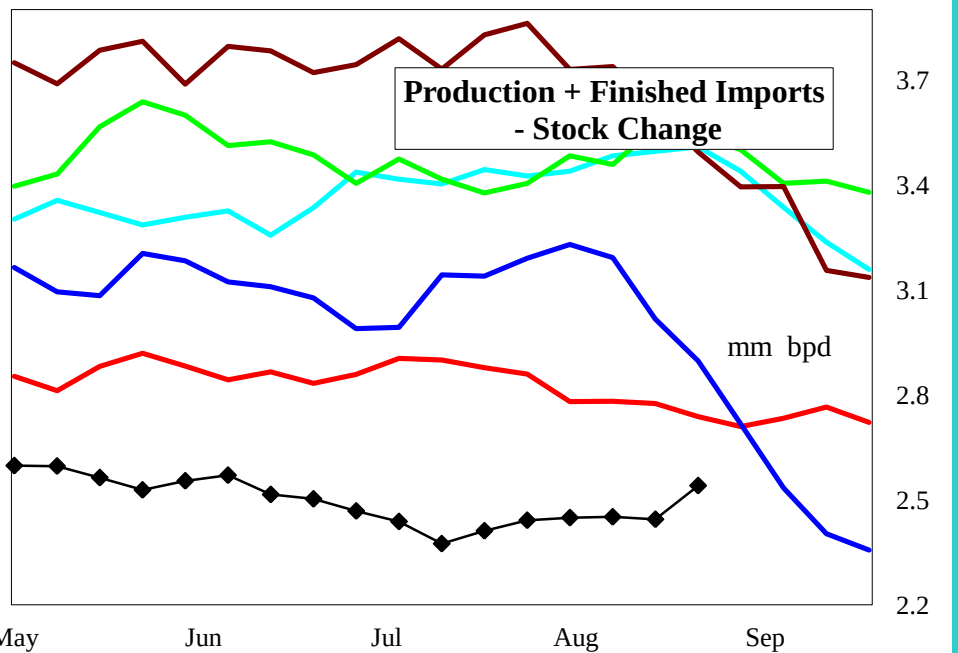
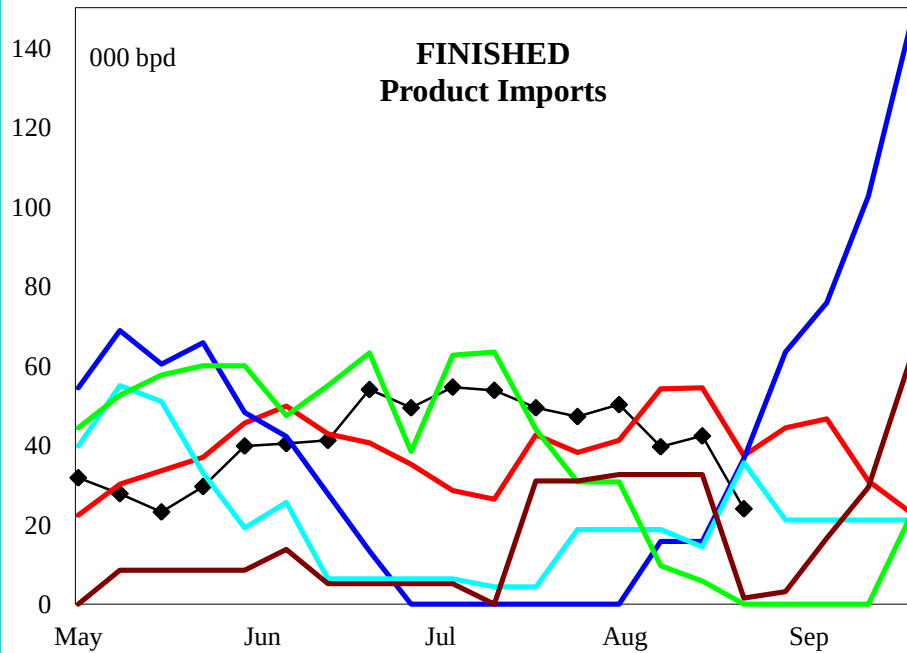
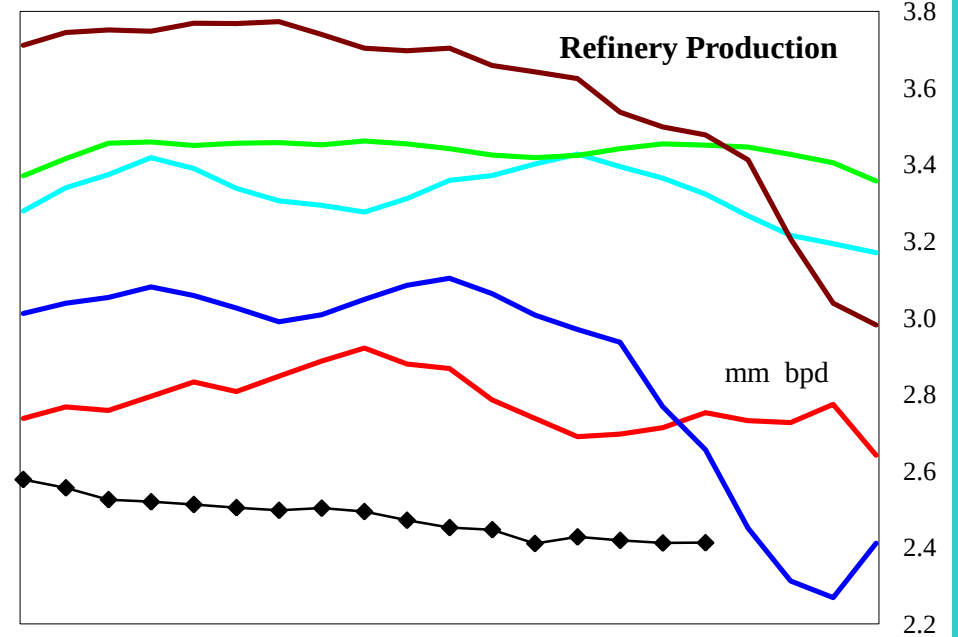
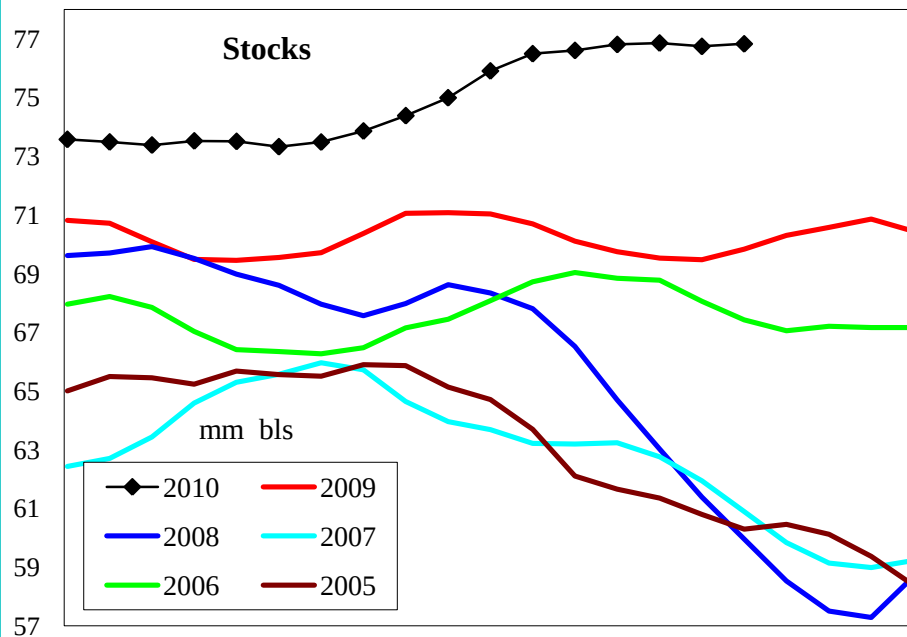
PADD 2 Residual Fuel Oil Supply



PADD 3 Crude Oil Supply and Refining



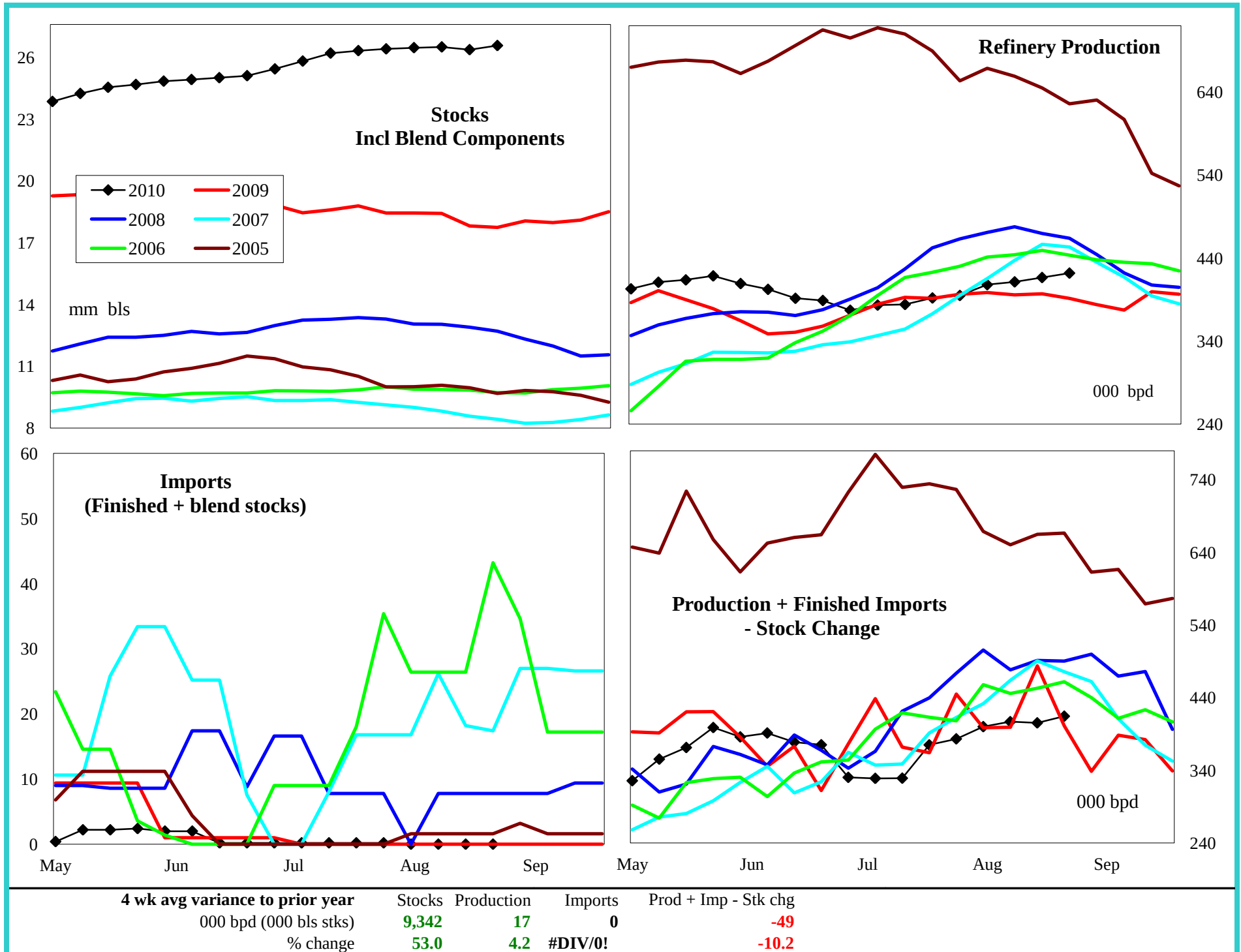
PADD 3 Gasoline Supply



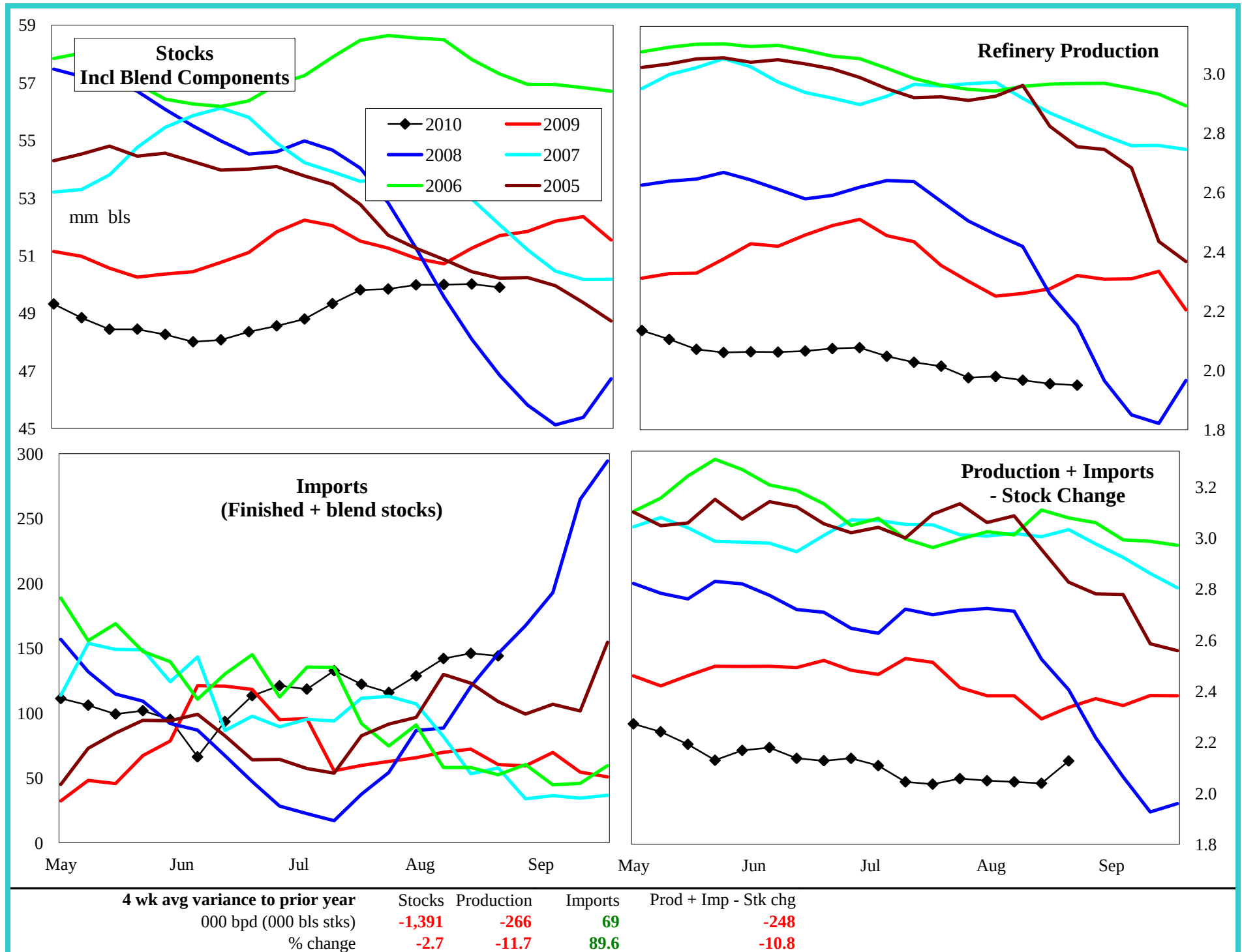
4 wk avg variance to prior year
 000 bpd (000 bls stks)
 % change

Stocks	Production	Fin Impt	Blend Impt	Prod + Imp - Stk chg
7,911	-249	-20	89	-298
11.5	-9.3	-33.5	467.1	-10.7

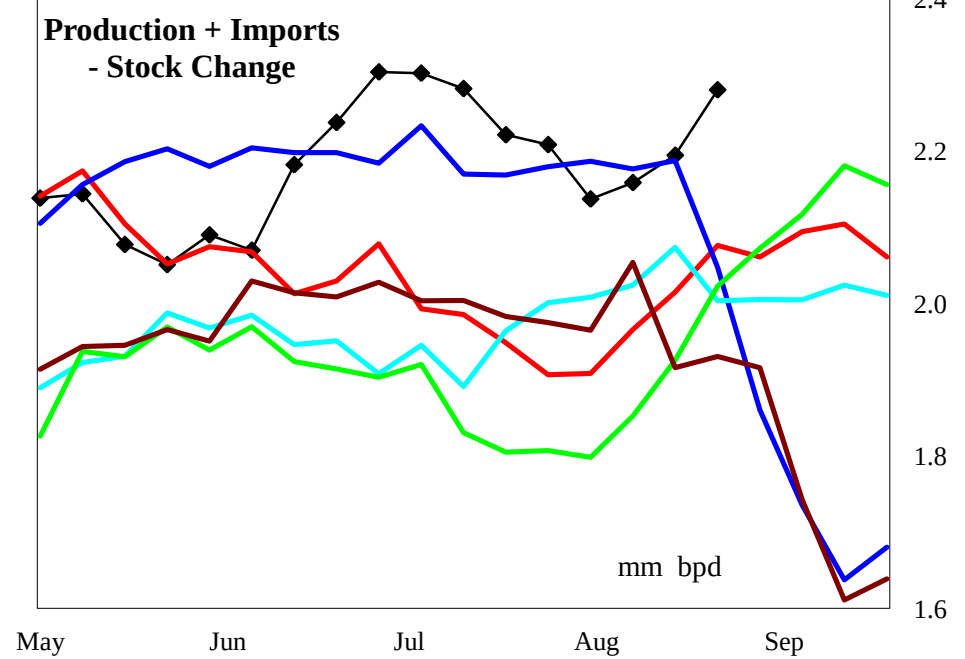
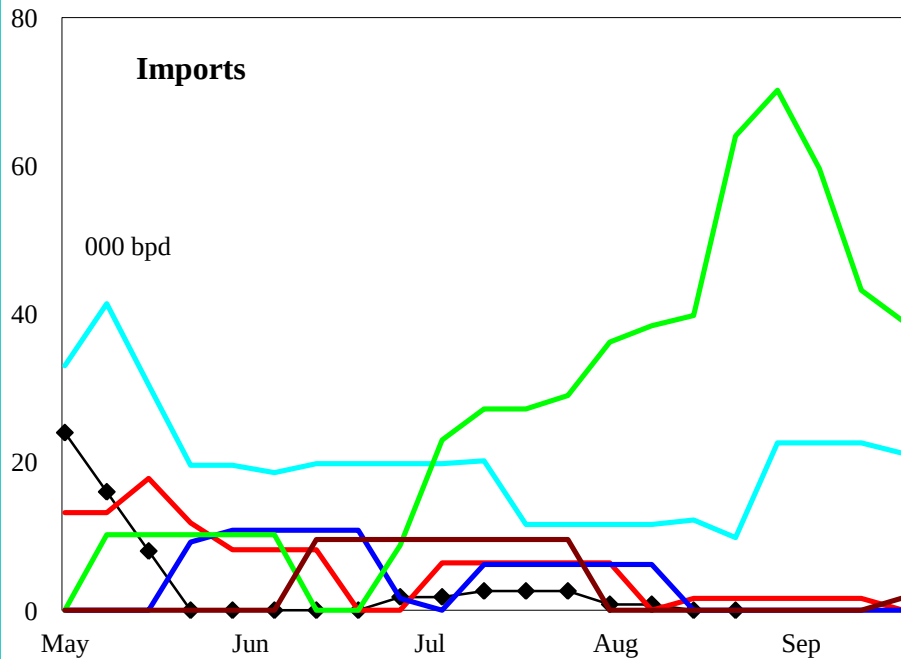
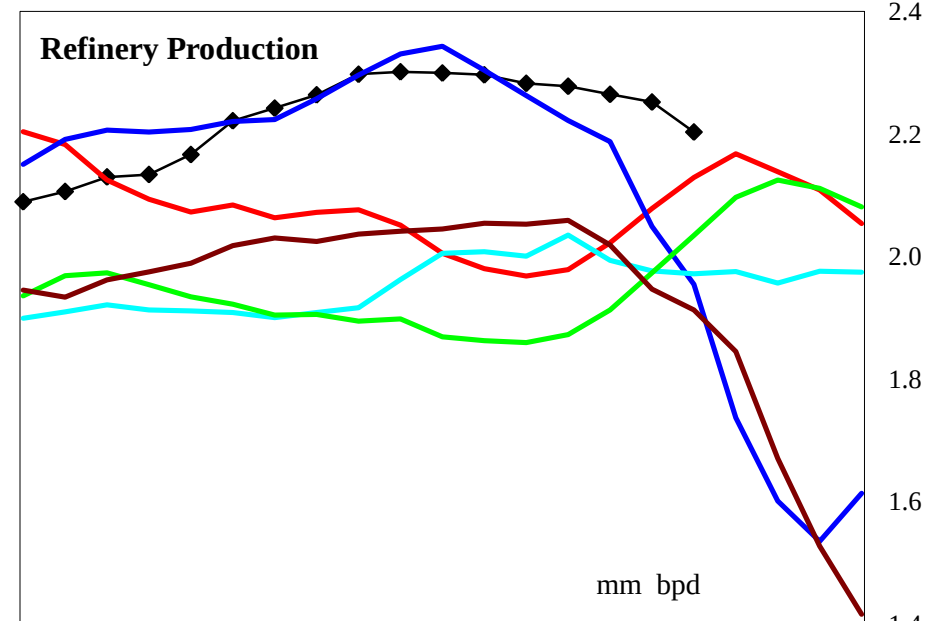
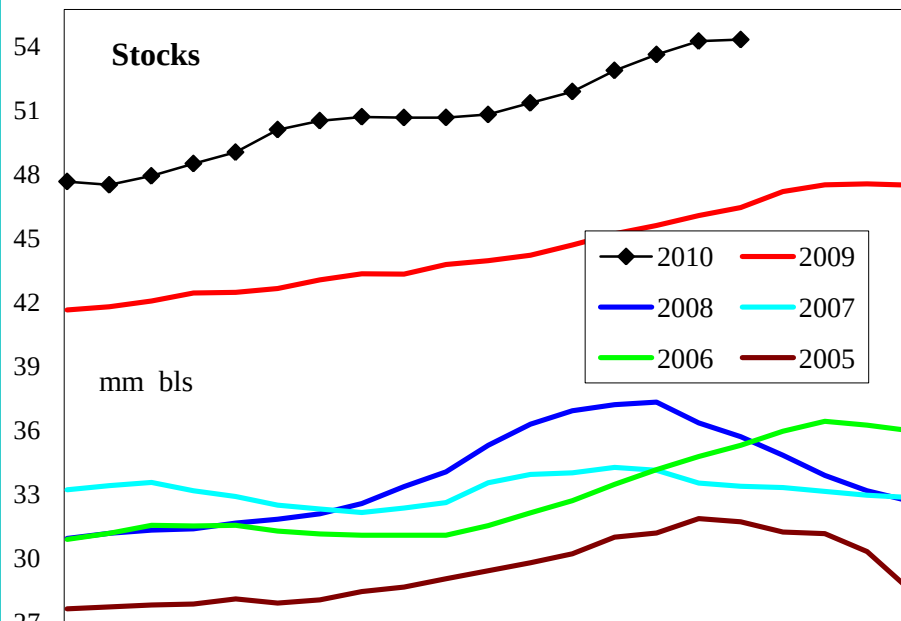
PADD 3 Reformulated Gasoline Supply



PADD 3 Conventional Gasoline Supply



PADD 3 Distillate Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

7,601

16.2

Production

213

10.4

Imports

0

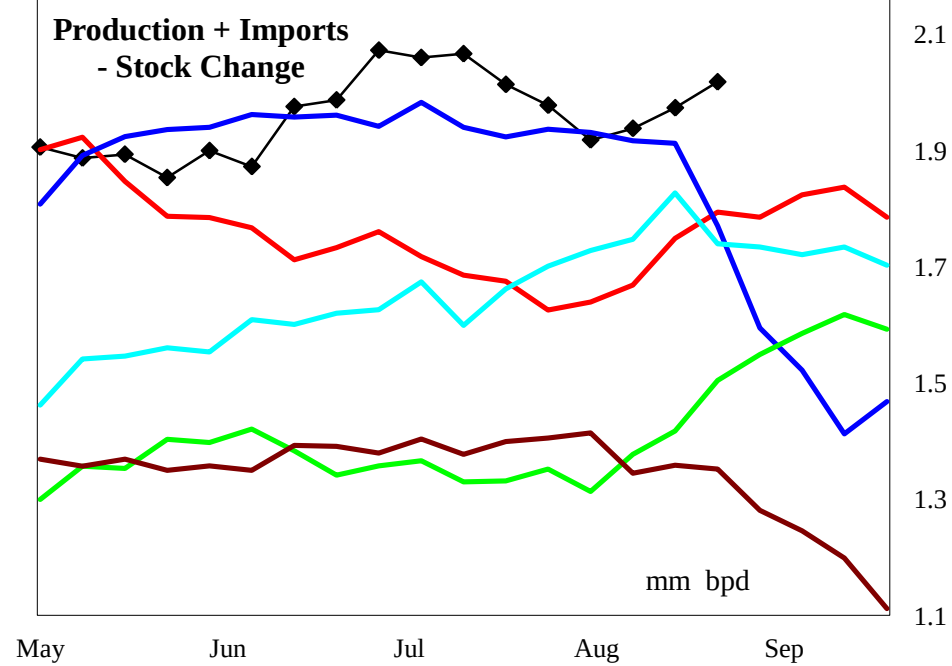
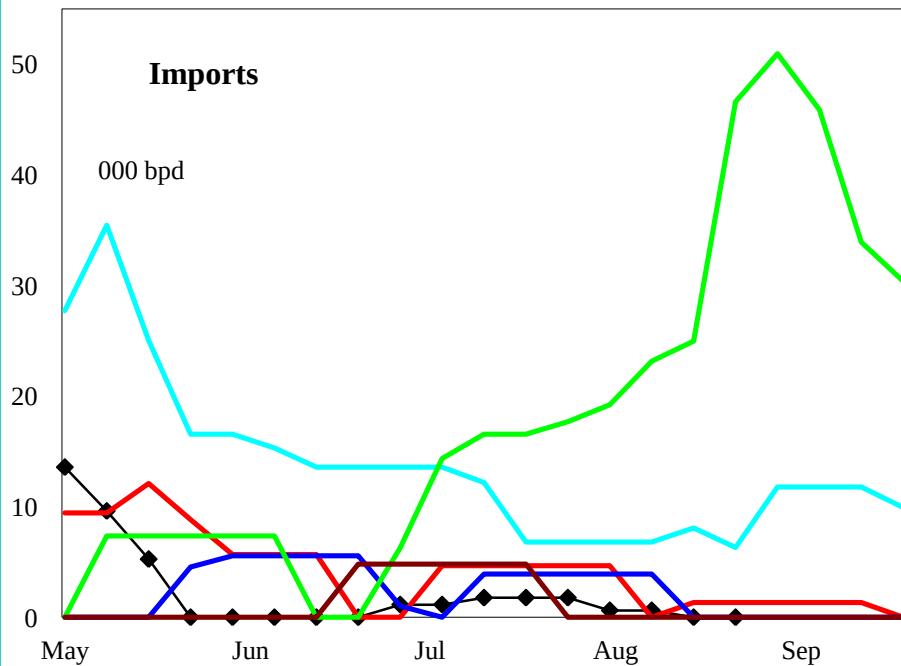
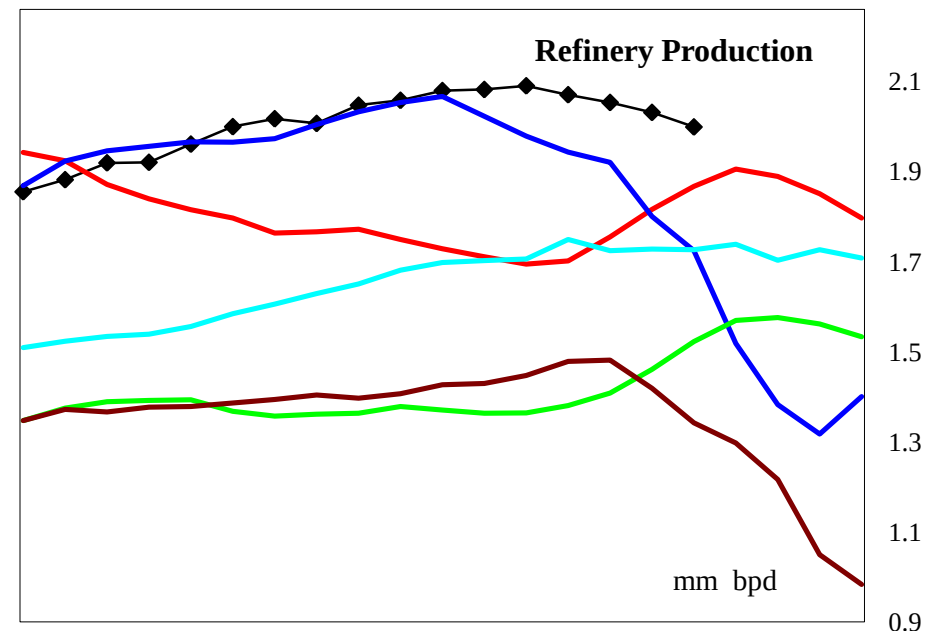
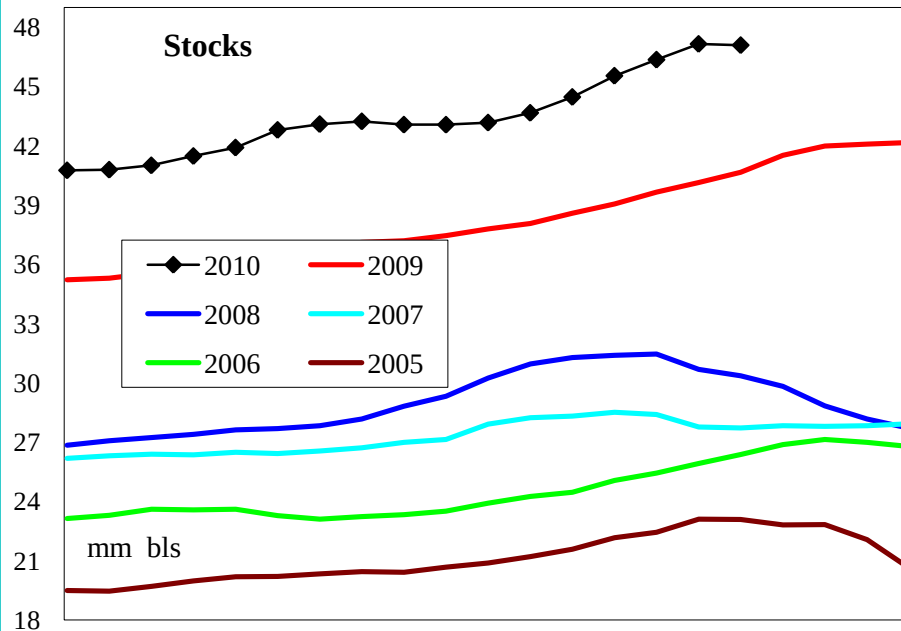
#DIV/0!

Prod + Imp - Stk chg

223

11.3

PADD 3 Low Sulfur Distillate Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

5,584

13.5

Production

264

14.5

Imports

0

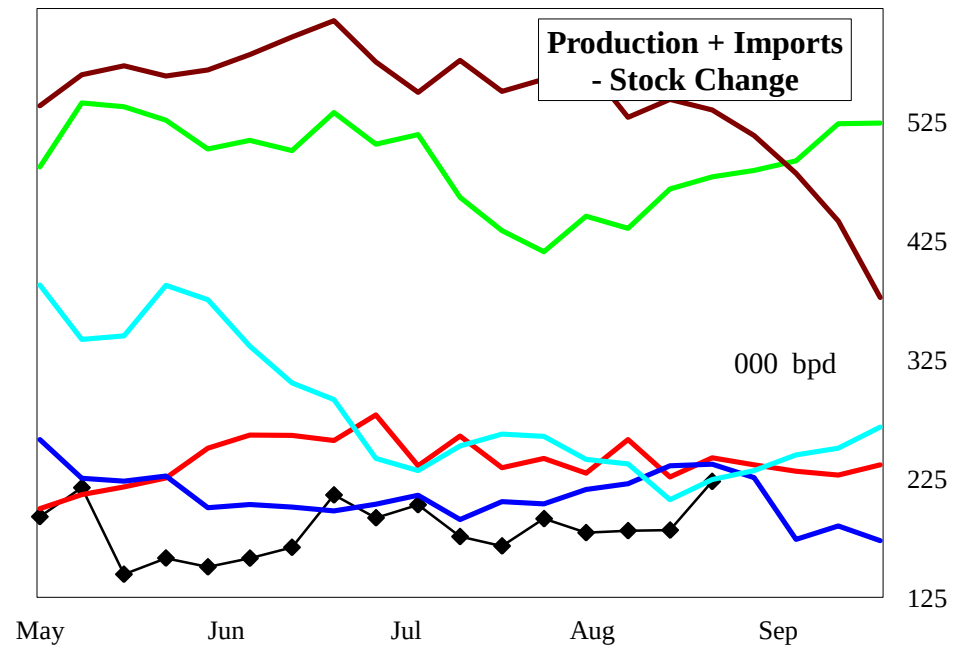
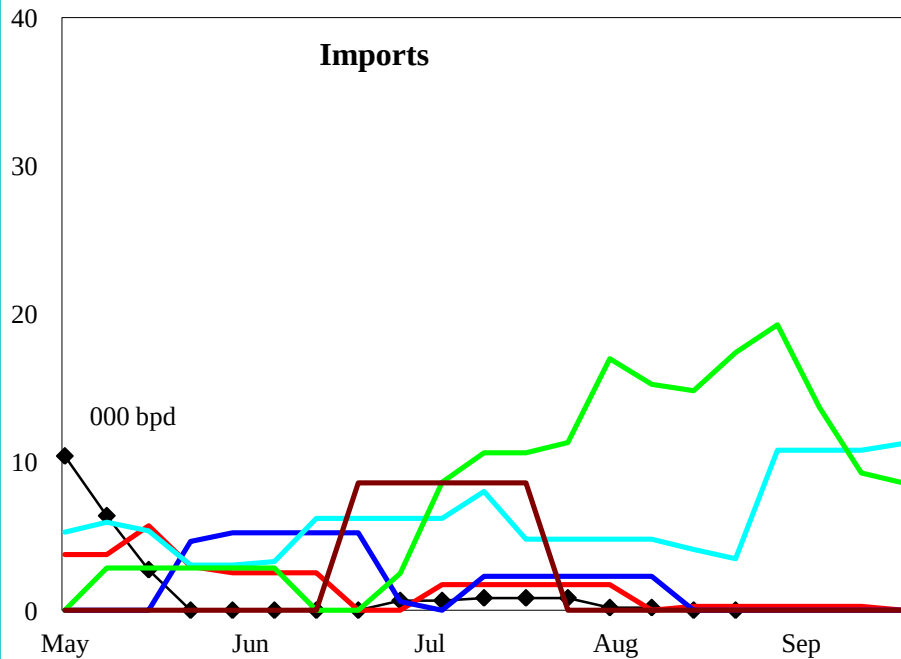
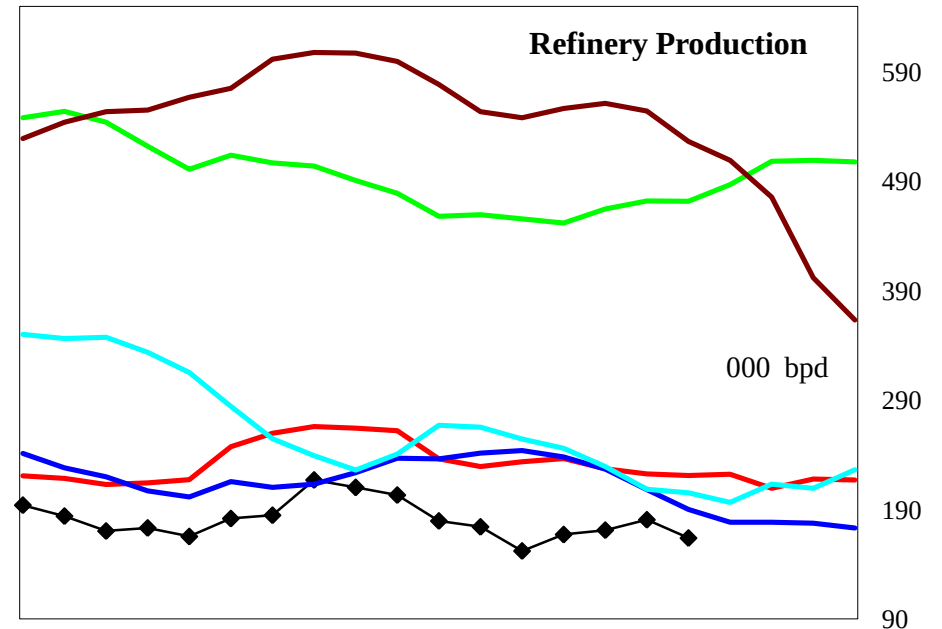
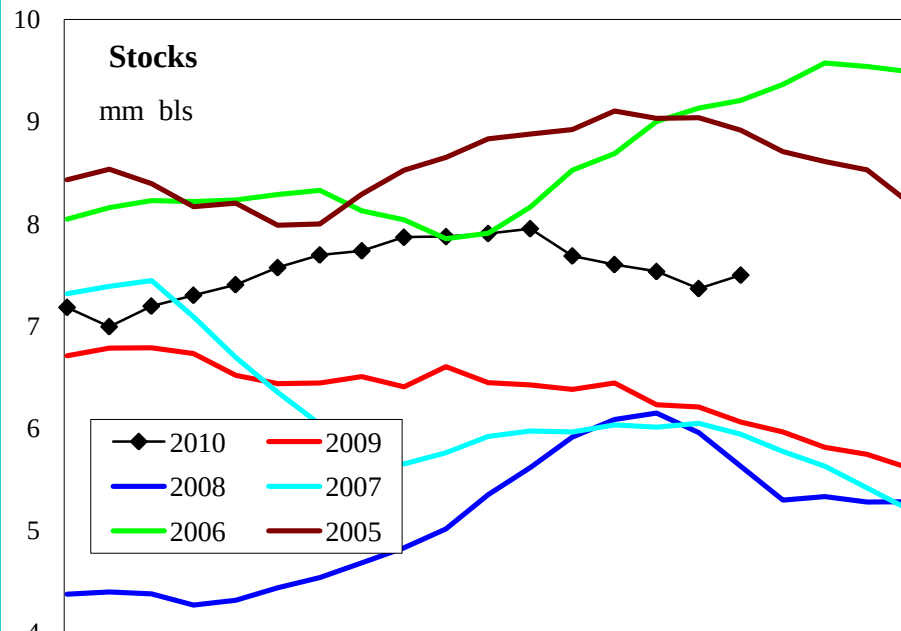
#DIV/0!

Prod + Imp - Stk chg

263

15.3

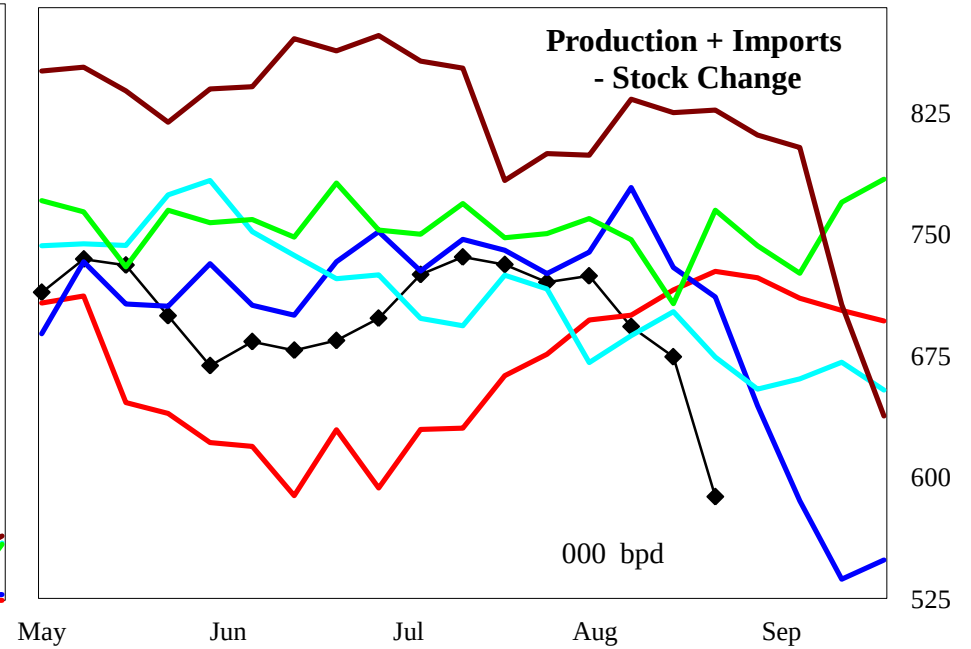
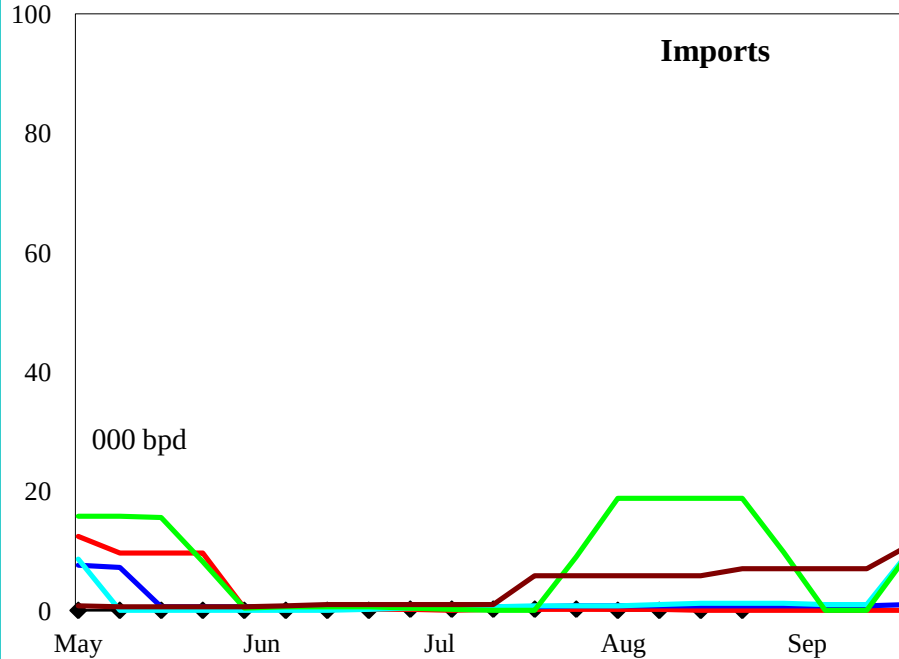
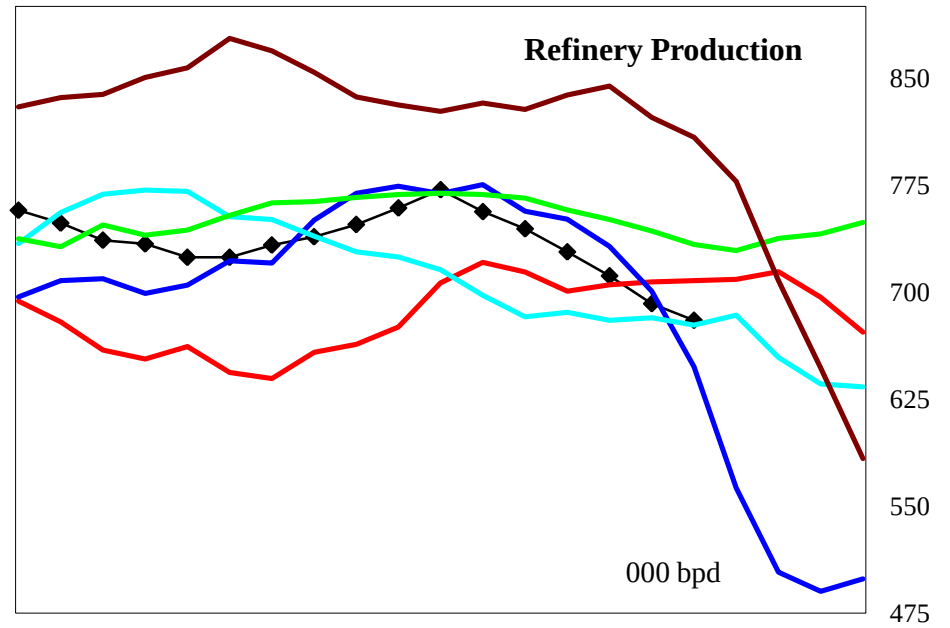
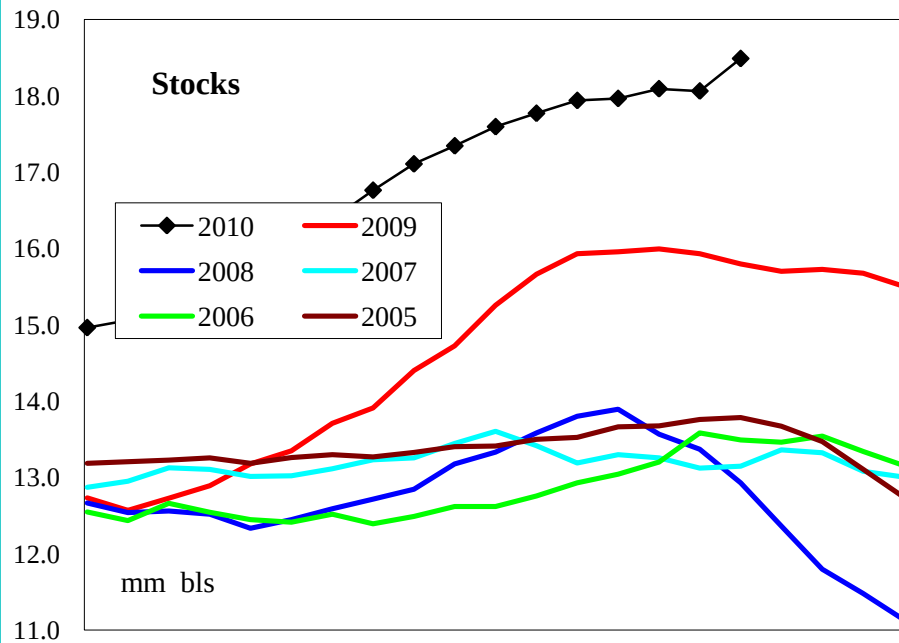
PADD 3 High Sulfur Distillate Supply



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

Stocks	Production	Imports	Prod + Imp - Stk chg
2,018	-50	0	-41
36.8	-21.9	#DIV/0!	-17.0

PADD 3 Jet Fuel Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

2,689

17.0

Production

0

0.0

Imports

0

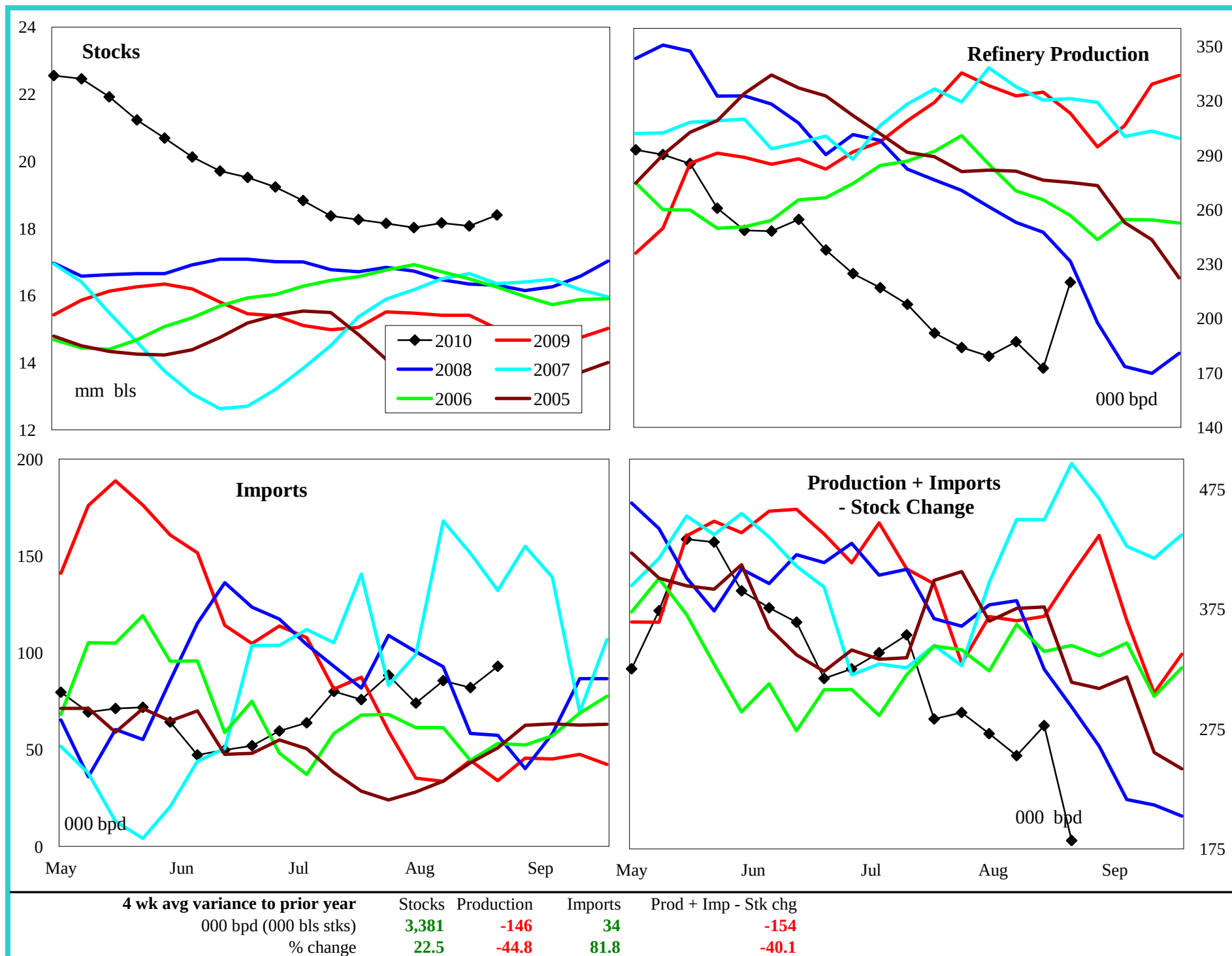
#DIV/0!

Prod + Imp - Stk chg

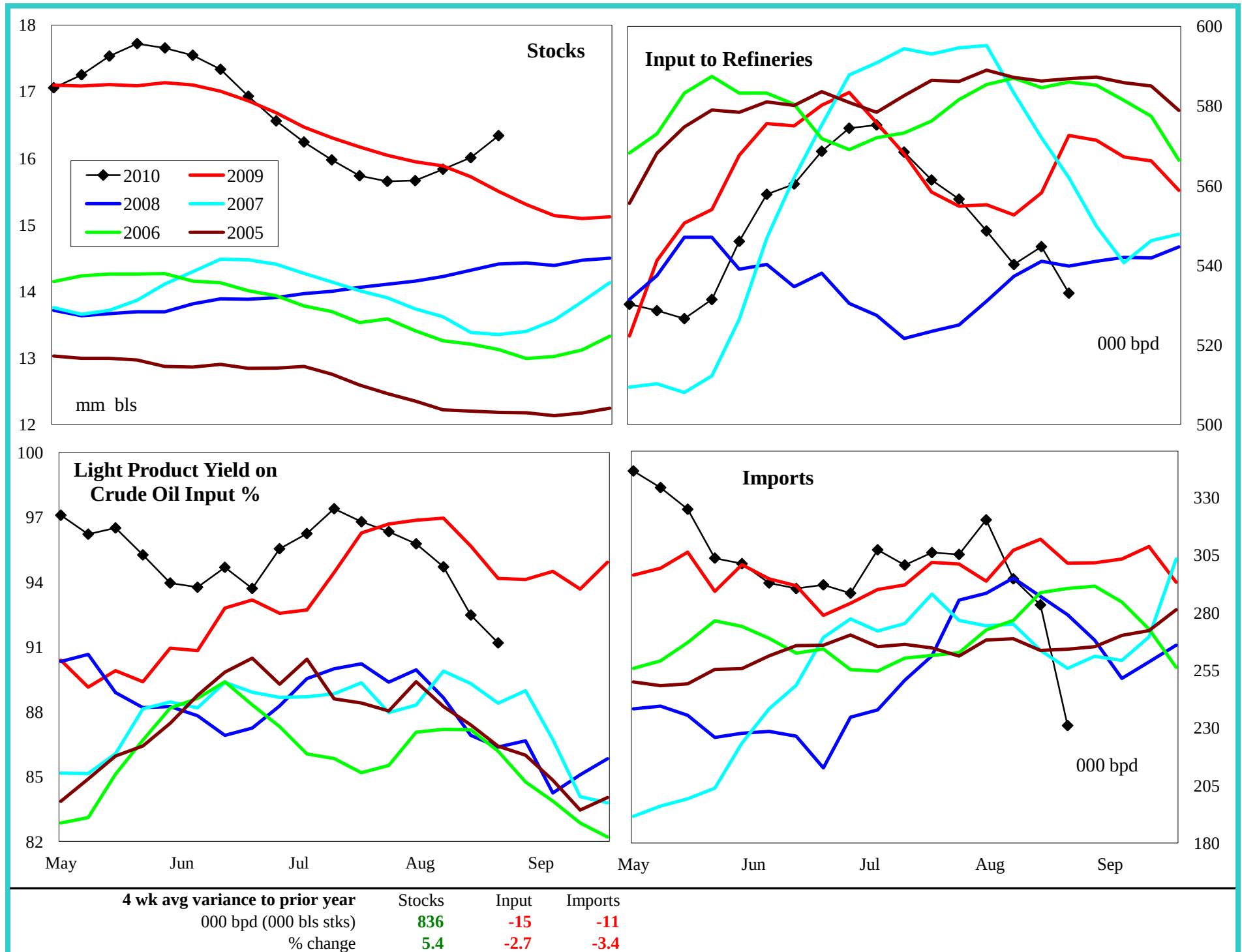
-24

-3.4

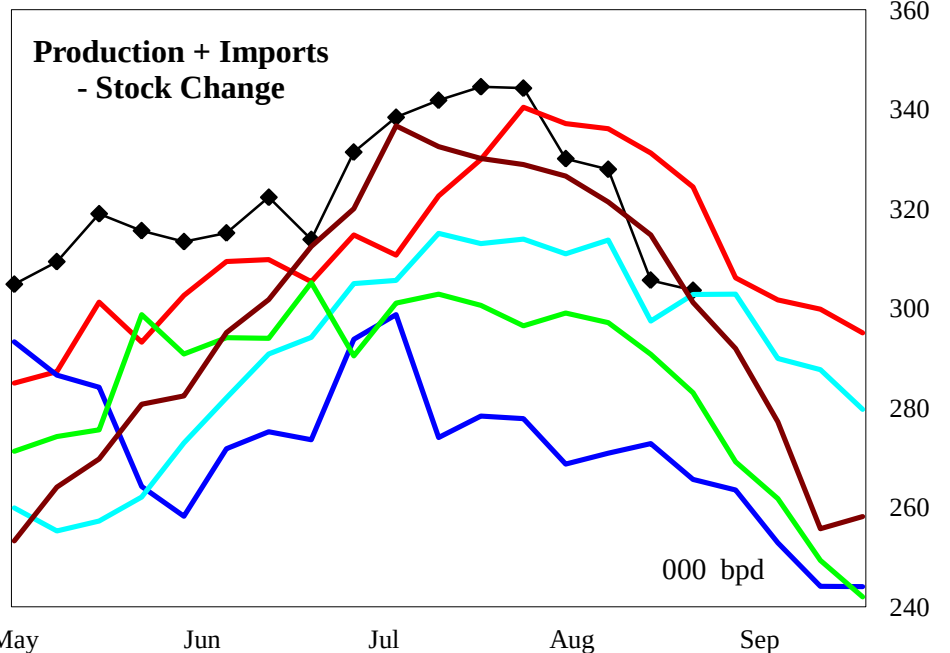
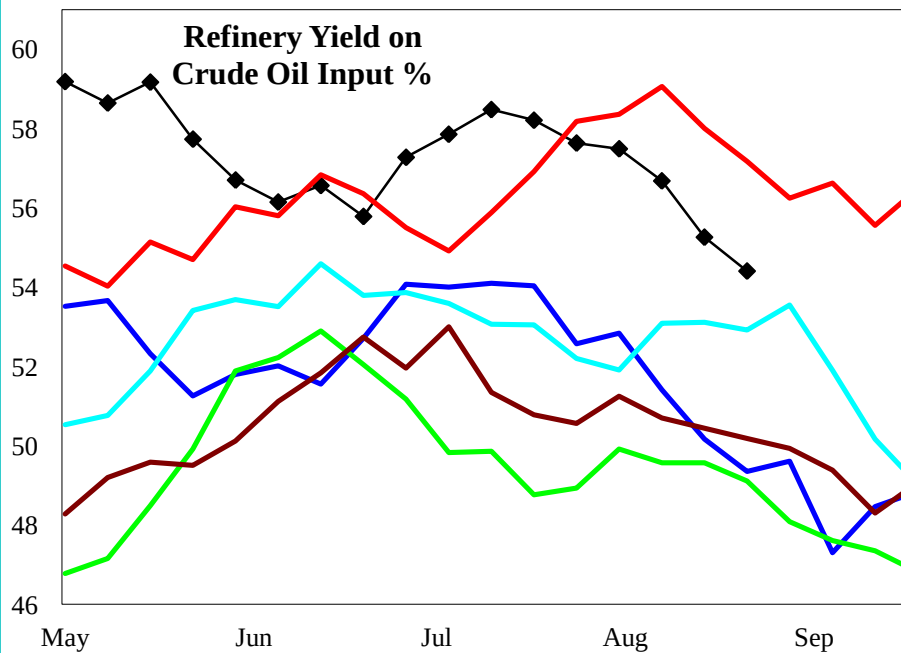
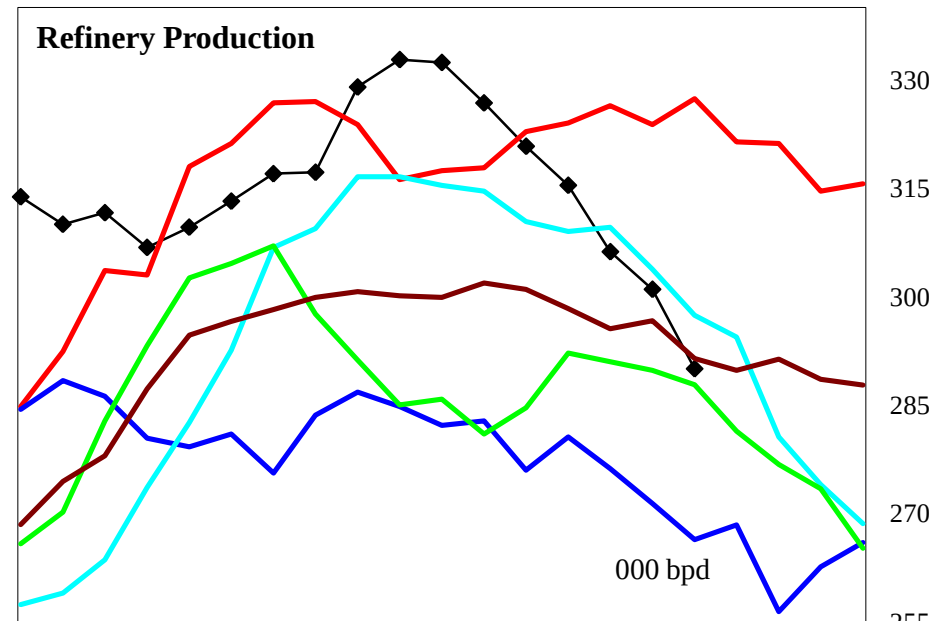
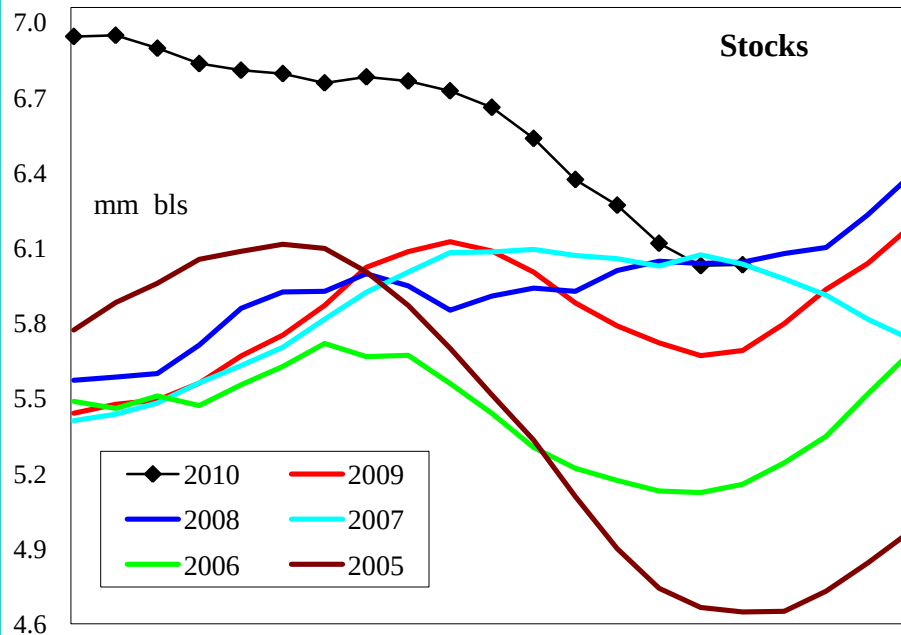
PADD 3 Residual Fuel Oil Supply



PADD 4 Crude Oil Supply and Refining



PADD 4 Gasoline Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Prod + Imp - Stk chg

342

-21

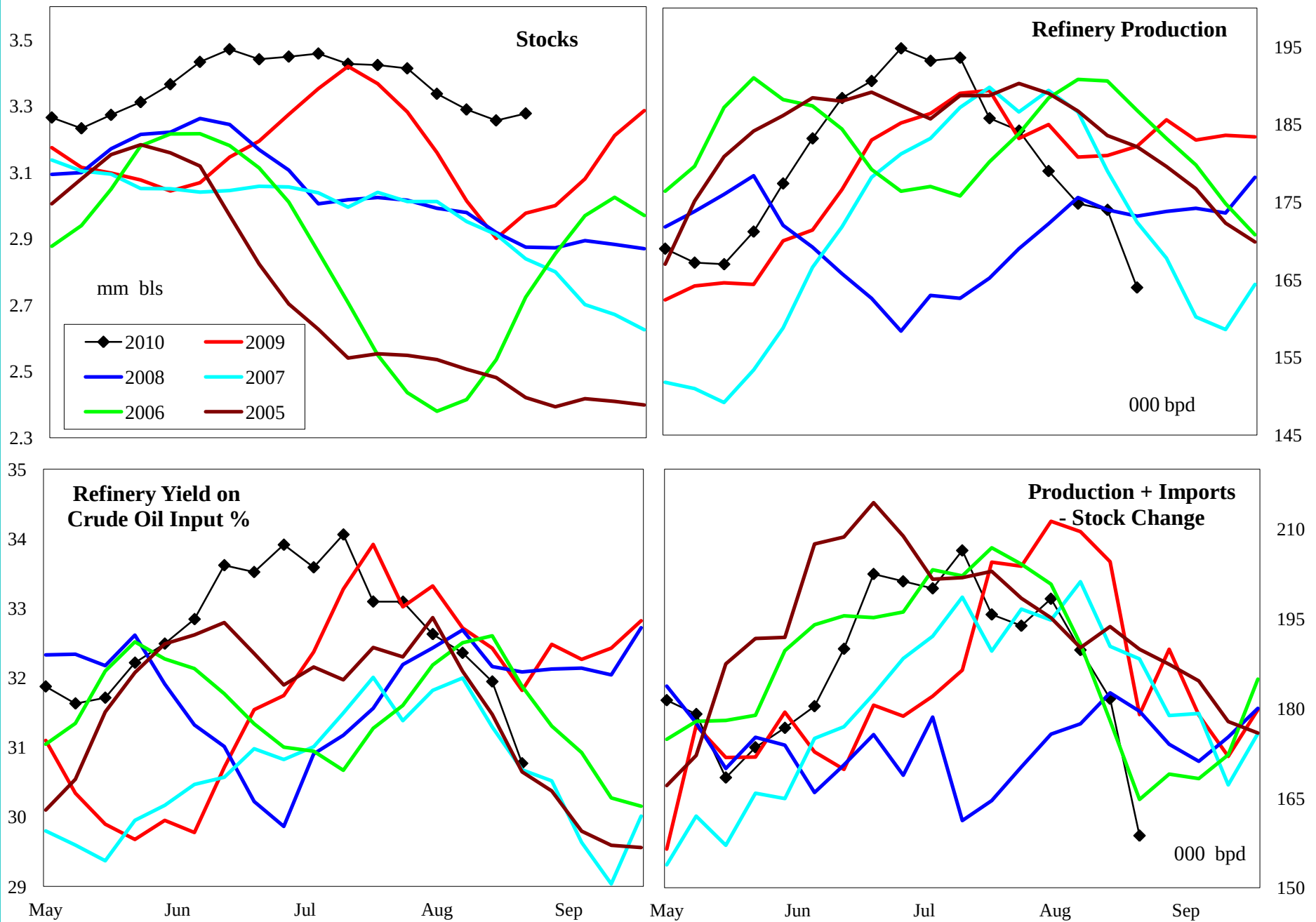
-11

6.0

-6.5

-3.5

PADD 4 Distillate Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

Production

Imports

Prod + Imp - Stk chg

301

-9

1

-17

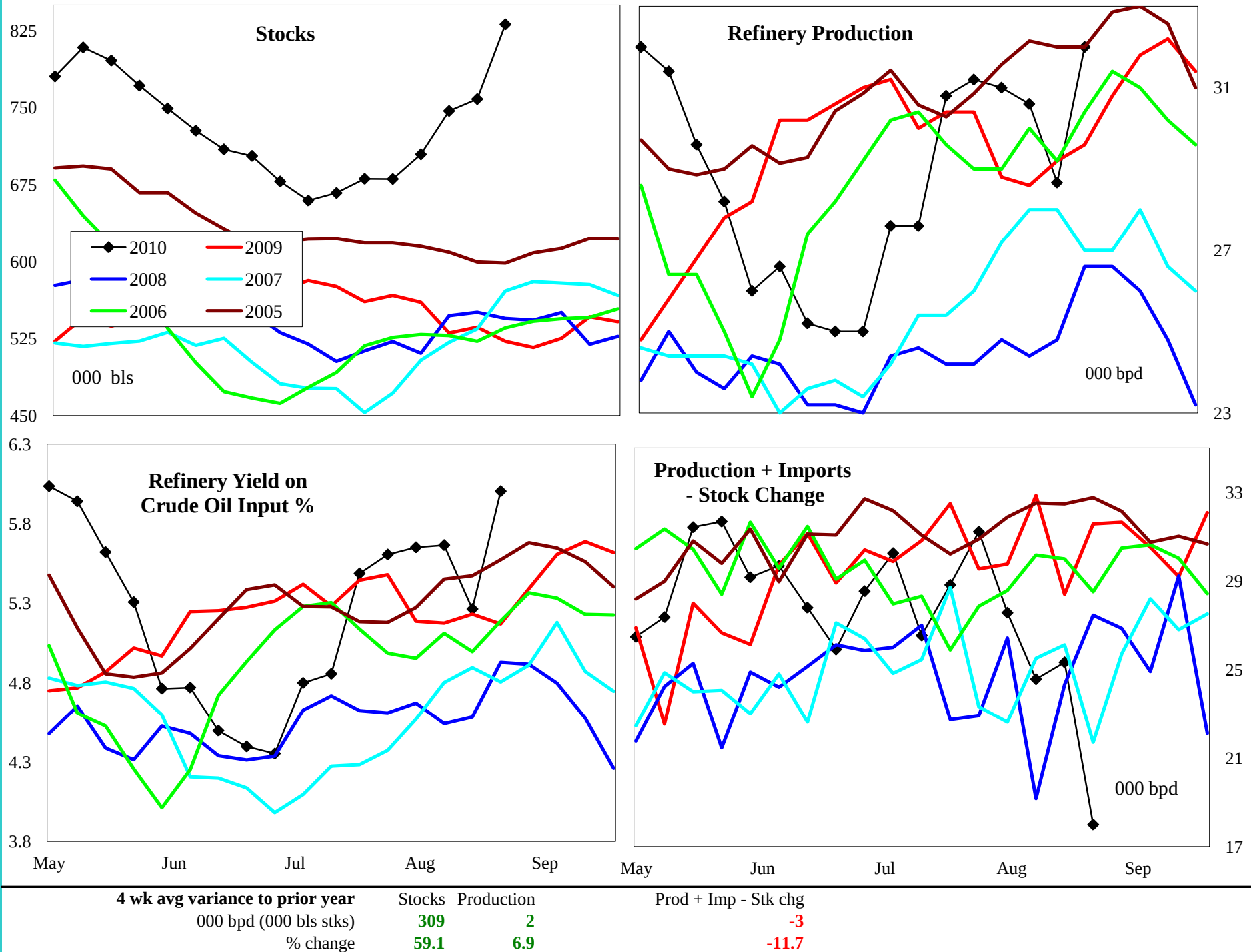
10.1

-4.9

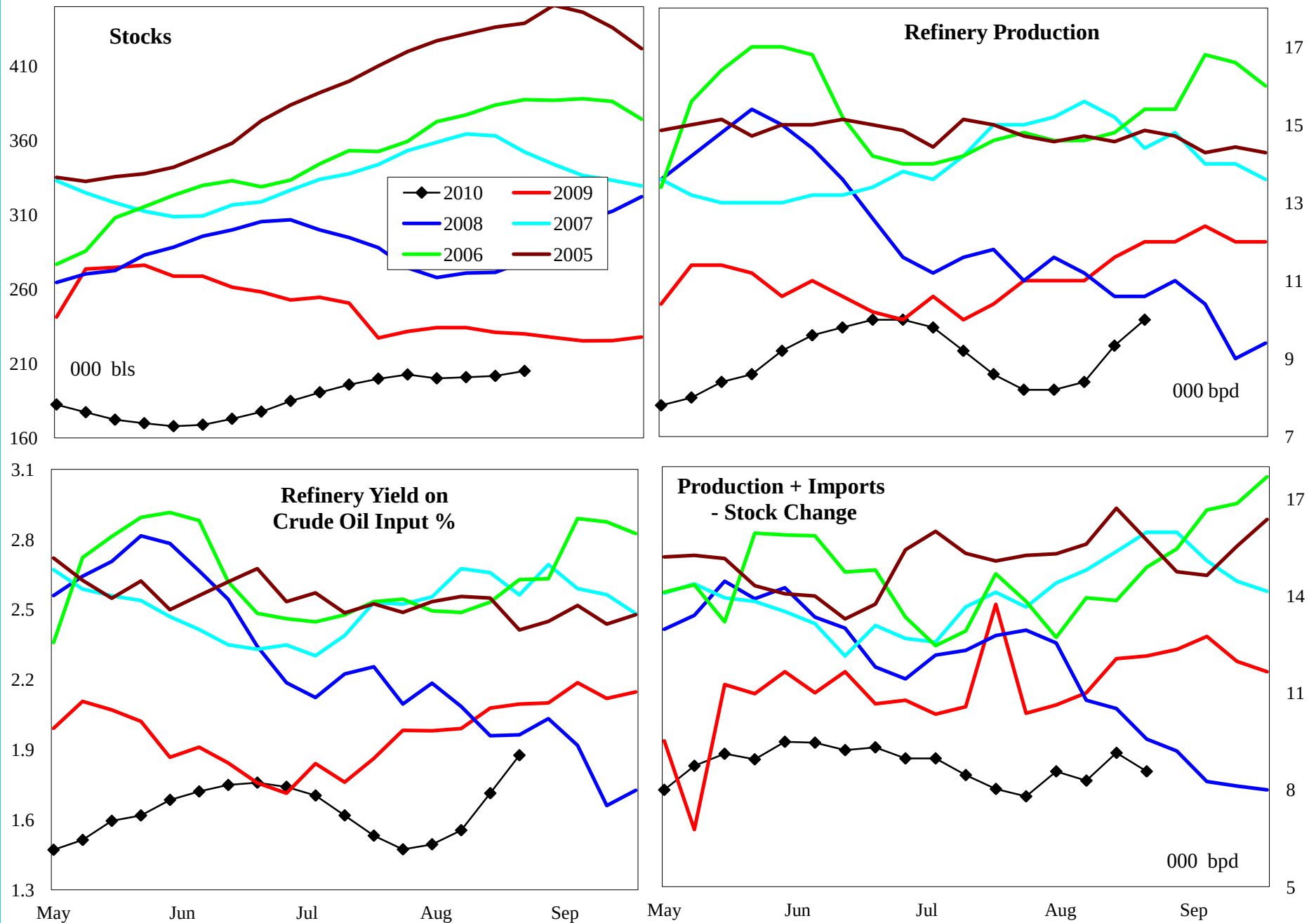
10.0

-8.2

PADD 4 Jet Fuel Supply



PADD 4 Residual Fuel Oil Supply



4 wk avg variance to prior year

000 bpd (000 bls stks)

% change

Stocks

-25

-10.9

Production

-3

-26.1

Imports

0

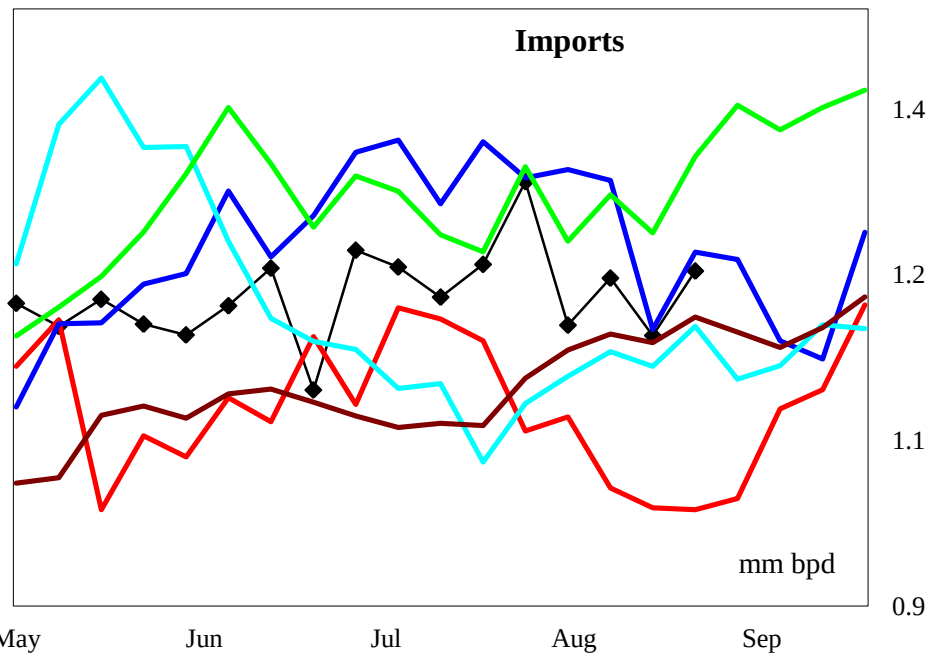
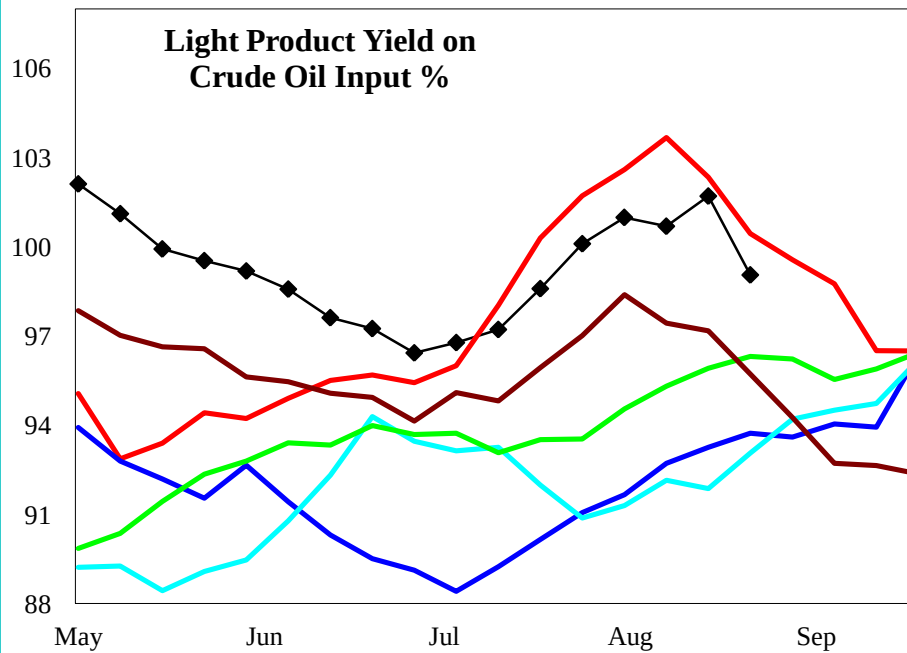
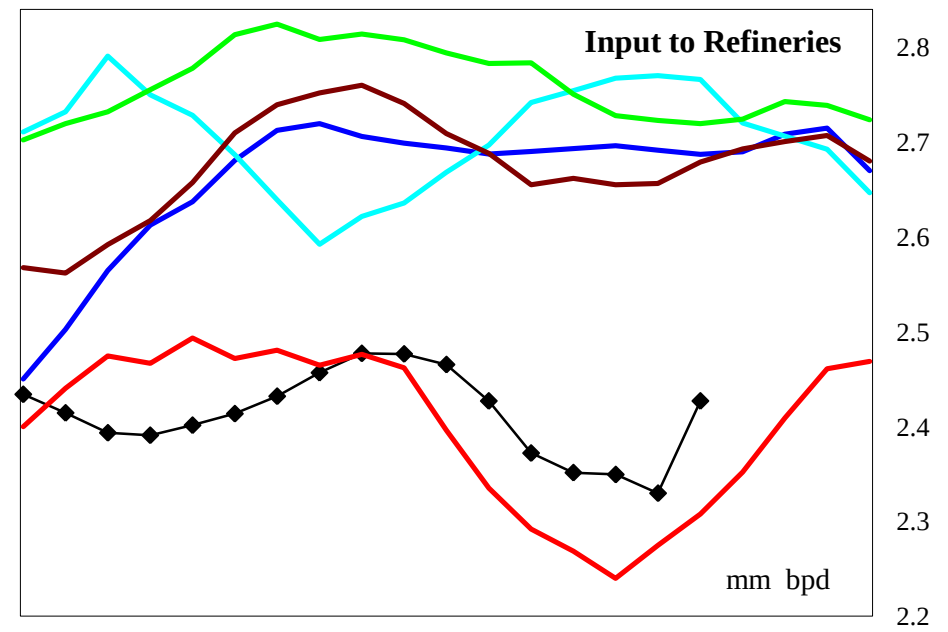
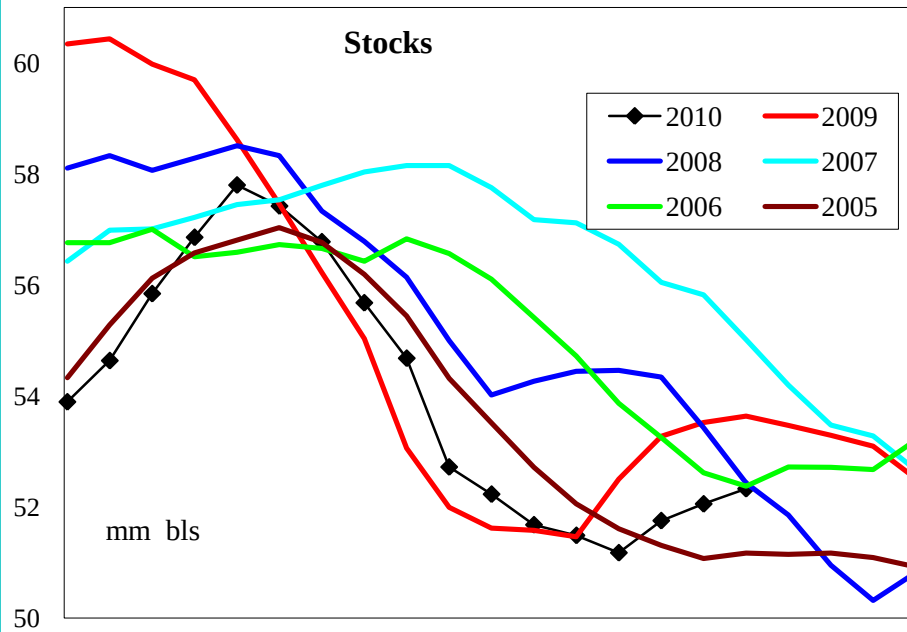
#DIV/0!

Prod + Imp - Stk chg

-6

-40.6

PADD 5 Crude Oil Supply and Refining



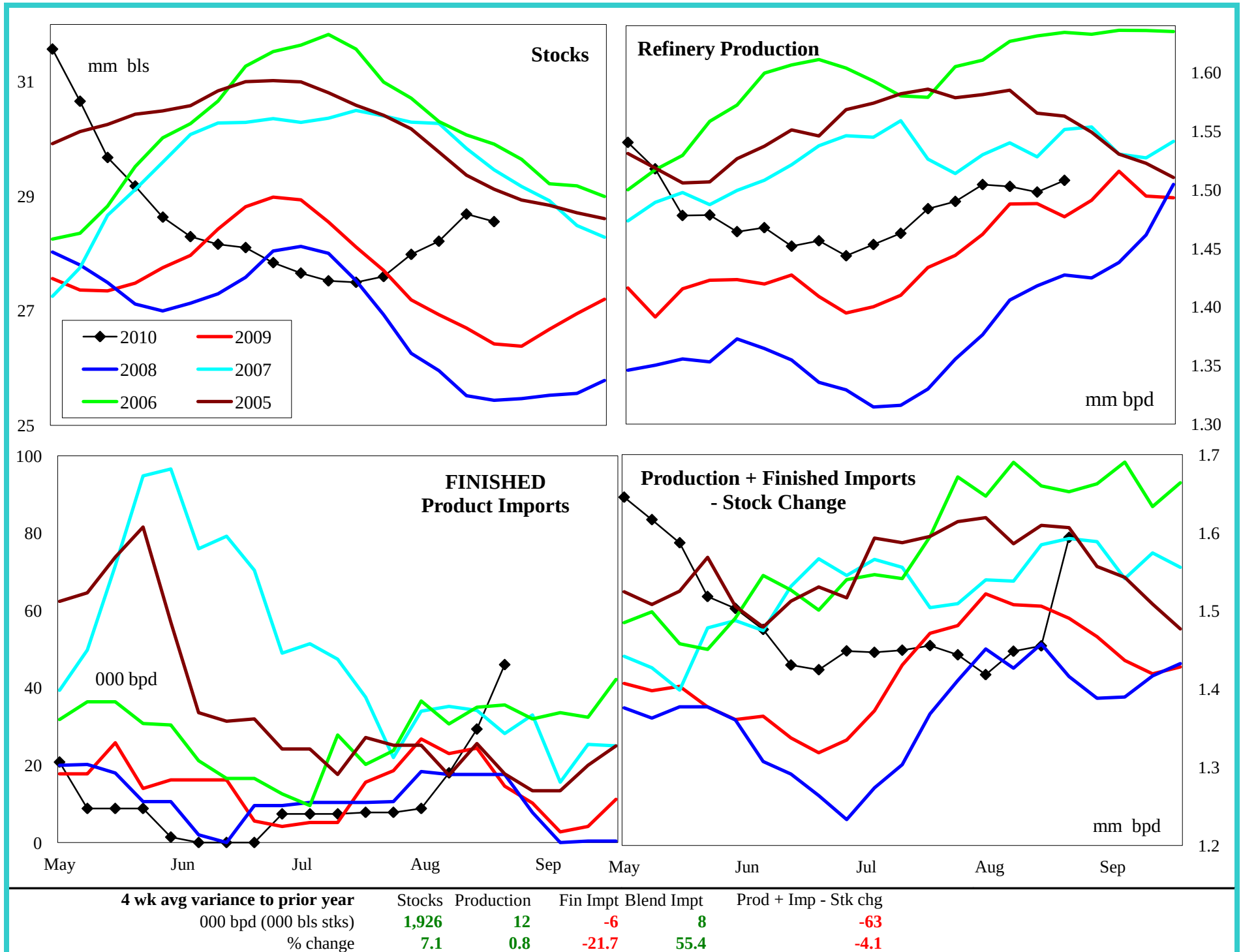
4 wk avg variance to prior year
 000 bpd (000 bls stks)
 % change

Stocks
-1,310
-2.4

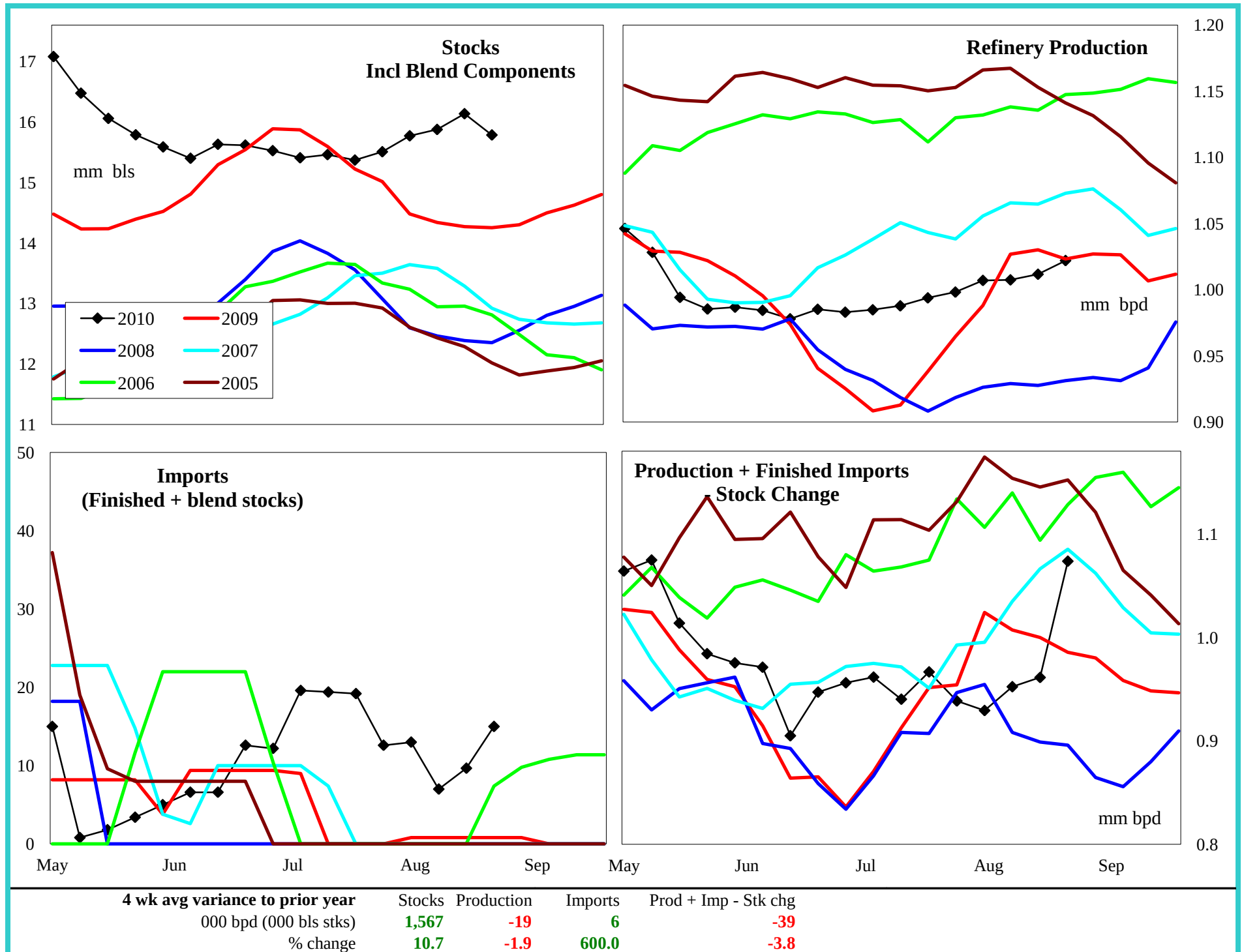
Input
69
3.0

Imports
200
20.4

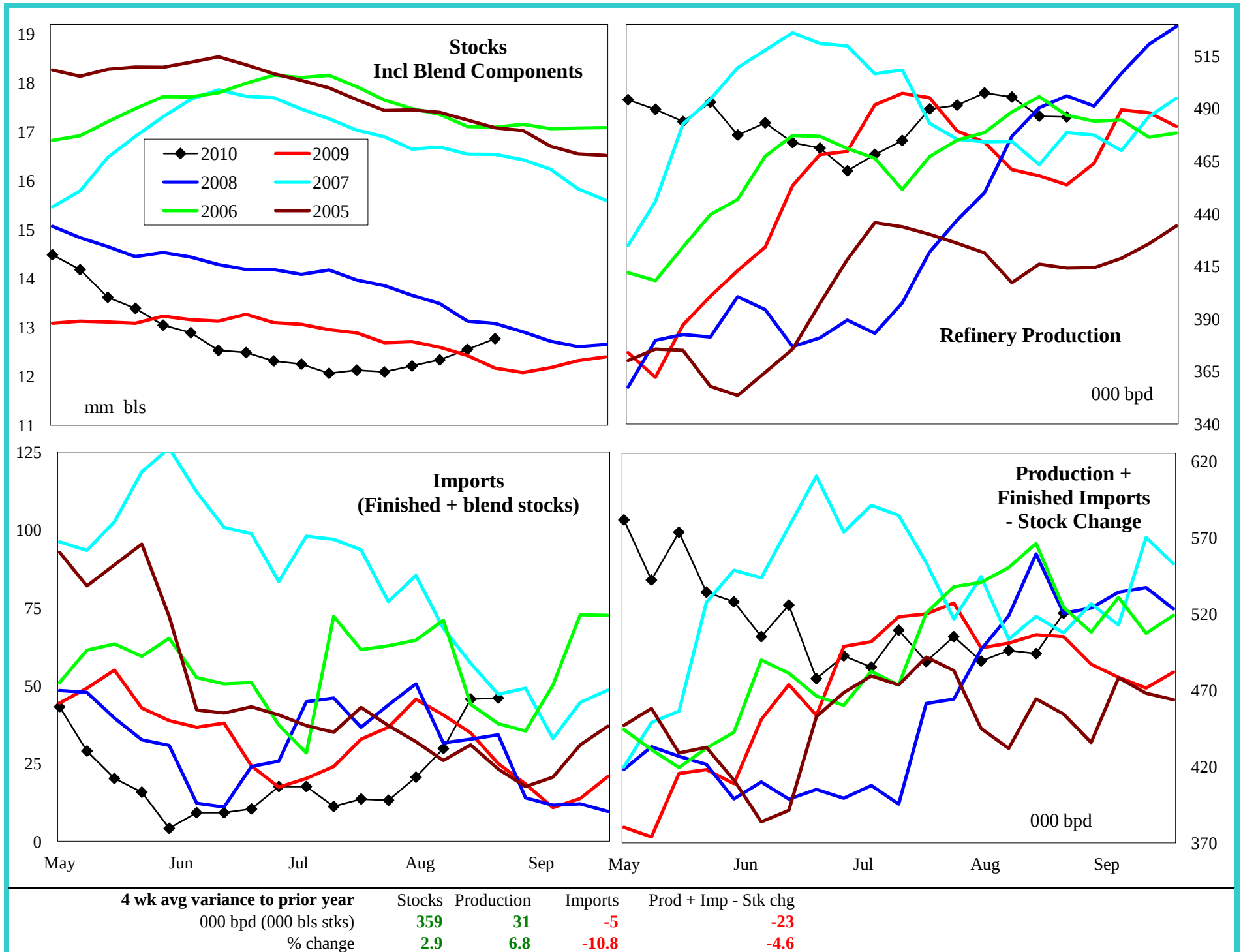
PADD 5 Gasoline Supply



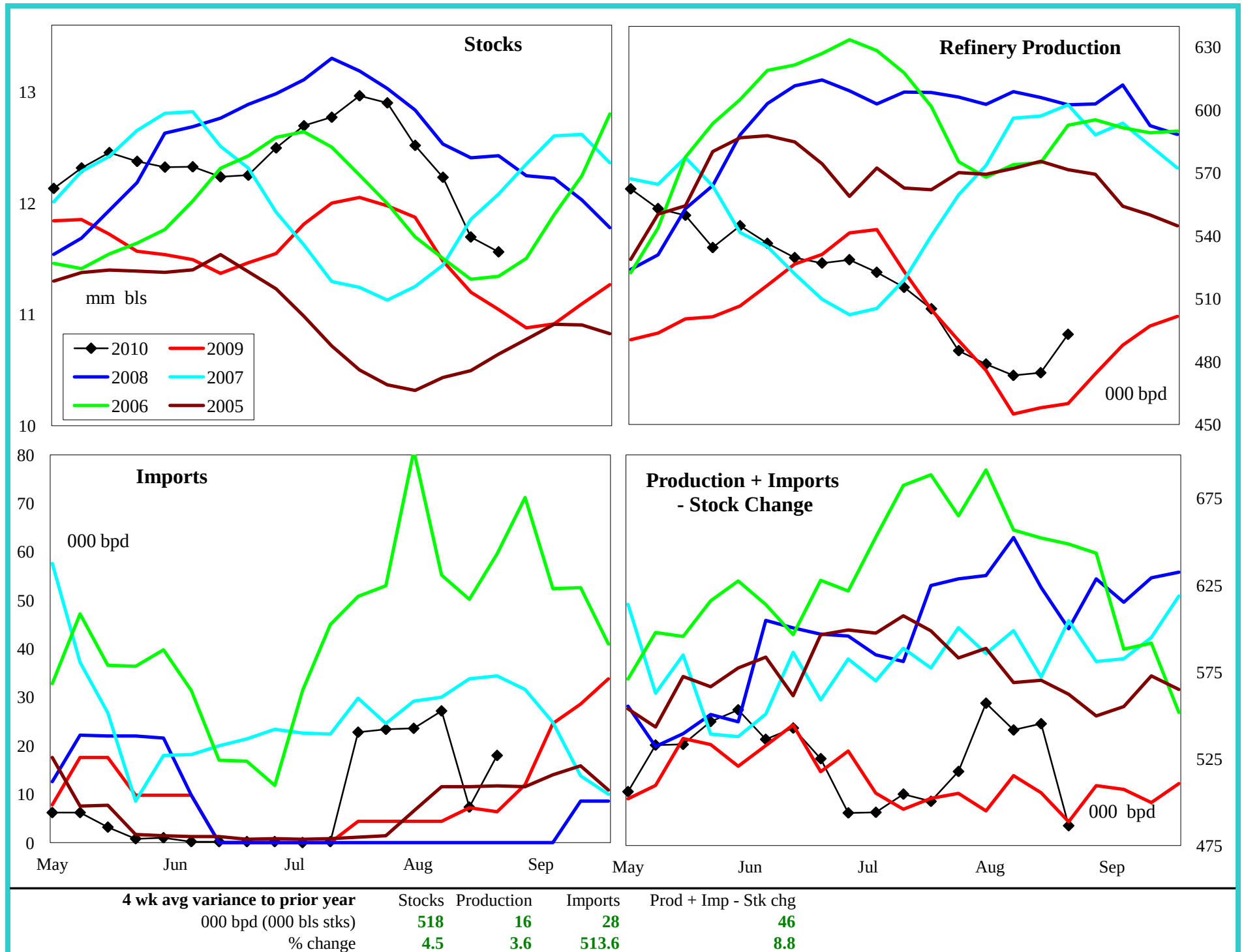
PADD 5 Reformulated Gasoline Supply



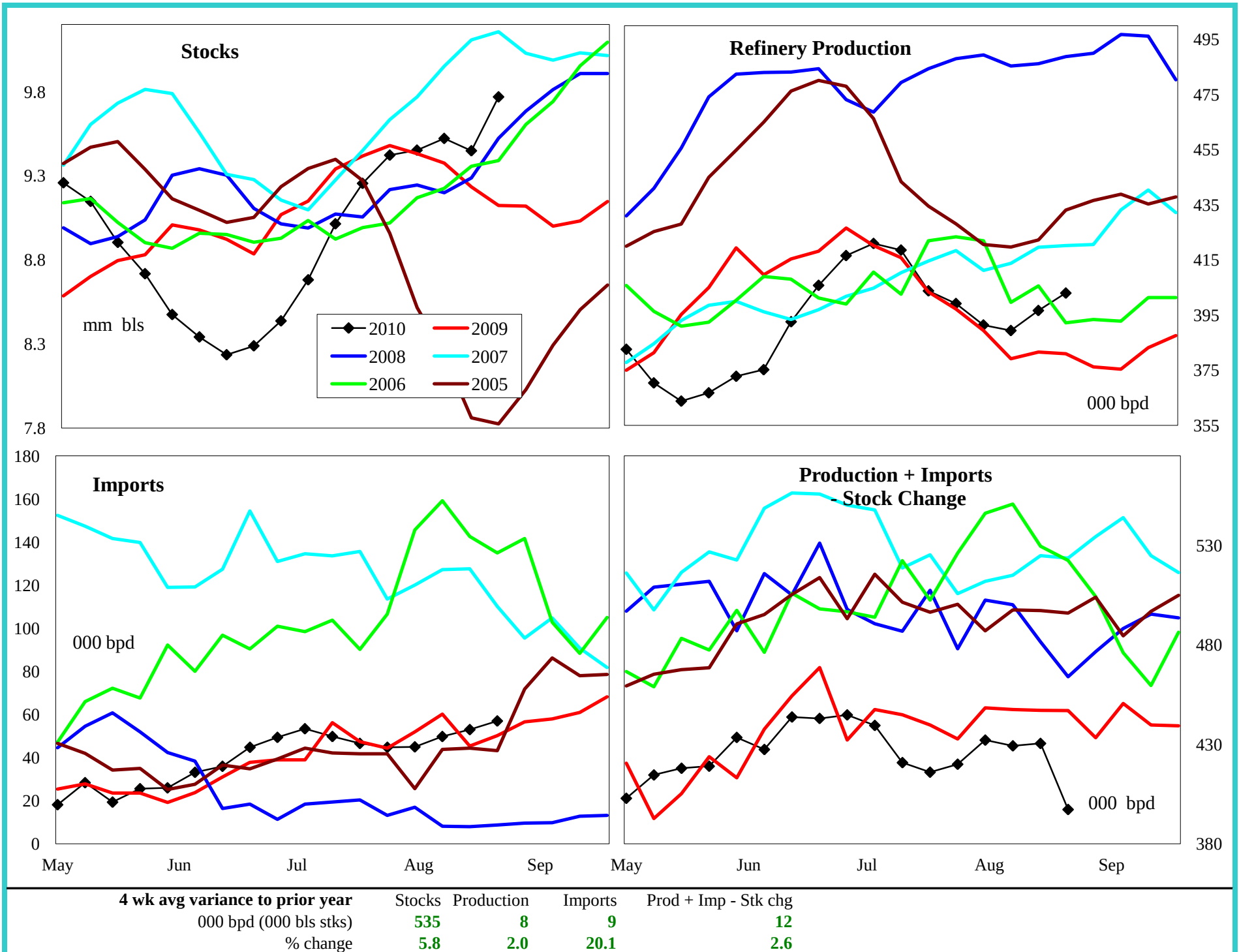
PADD 5 Conventional Gasoline Supply



PADD 5 Distillate Supply



PADD 5 Jet Fuel Supply



PADD 5 Residual Fuel Oil Supply

