

2009 Revisions
Quantifying the Change to the New Methodology
EIA-914 Monthly Gas Production Report
April 2010

This month the 2009 gas production estimates are revised. The previously published estimates have been replaced with volumes determined by the new [simple ratio method](#) implemented this month. Details of the change in the estimates are given in the tables below. The first table shows the difference in the two estimates as a volume change and the second table shows the percent change. The growing difference through 2009 is similar to the pattern seen in 2008 for Texas, which was partially the cause for the [review of the EIA-914](#), which, in turn, led to the development and implementation of this new methodology.

Downward revisions in Texas, Louisiana, and the Federal Gulf of Mexico account for about three-quarters of the lower 48's growing difference from January through December 2009. This difference between the new estimates and the previous estimates grew by 0.65 Bcf/d over the year. At the end of 2009 the new estimates are roughly 0.84 Bcf/d less for the lower 48 States or about 1.3 percent. There is very little change in the estimates for Wyoming and Oklahoma. Louisiana had the largest percent change at roughly 5 percent lower than the previous estimates at the end of 2009.

Following the tables are two graphs for each area. The first graph shows the previous and new estimates, the sample survey volume, and the HPDI data for 2009. The second graph shows the percent difference from the HPDI data for both the previous estimates and the new simple ratio estimates for as much of 2009 as possible. (For the lower 48 States a combination of State-reported data and data from the EIA-895 survey are used instead of the HPDI data because HPDI does not cover the entire lower 48 States.)

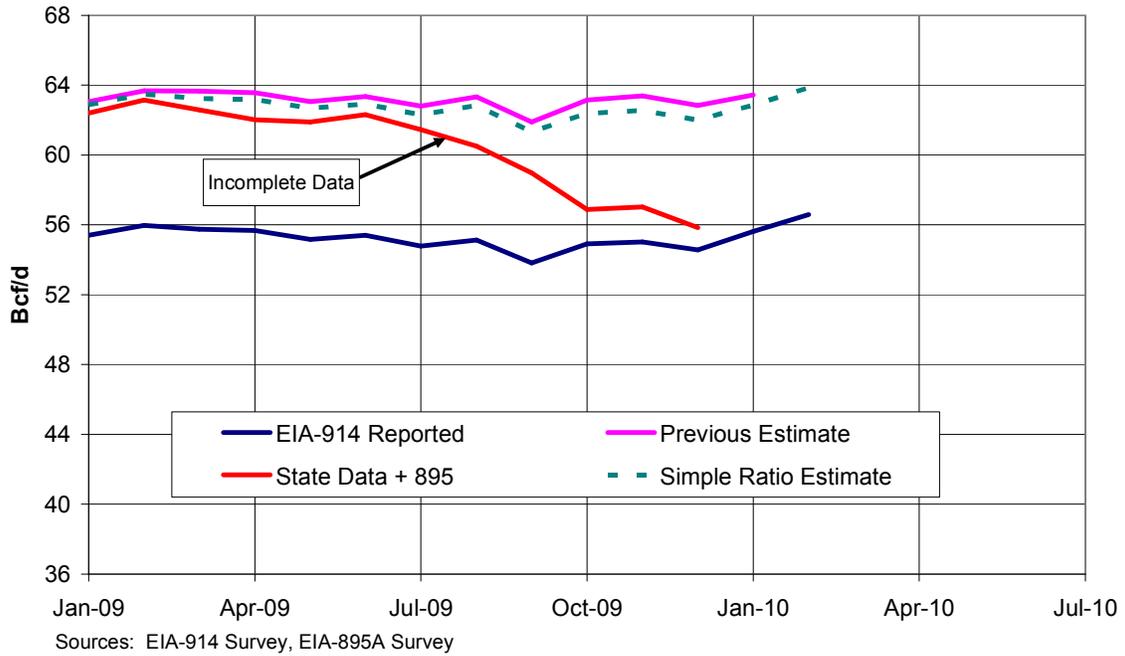
Volume Change From the Previous Estimates to the New Simple Ratio Method Estimates

	L48	TX	GOM	WY	OK	LA	NM
	Change						
	Bcf/d						
Jan-09	-0.177	-0.110	0.002	0.082	-0.010	-0.187	0.012
Feb-09	-0.194	-0.127	-0.031	0.087	-0.020	-0.141	-0.002
Mar-09	-0.416	-0.200	-0.103	0.022	-0.024	-0.150	0.005
Apr-09	-0.393	-0.114	-0.107	0.016	-0.050	-0.160	0.003
May-09	-0.385	-0.161	-0.101	0.012	-0.010	-0.150	0.001
Jun-09	-0.426	-0.173	-0.122	0.012	-0.010	-0.170	0.000
Jul-09	-0.485	-0.152	-0.146	0.015	-0.018	-0.191	-0.004
Aug-09	-0.495	-0.061	-0.174	-0.002	-0.015	-0.239	-0.006
Sep-09	-0.576	-0.090	-0.197	-0.018	-0.025	-0.242	-0.007
Oct-09	-0.764	-0.254	-0.215	-0.021	-0.025	-0.240	-0.011
Nov-09	-0.839	-0.292	-0.227	-0.025	-0.029	-0.247	-0.021
Dec-09	-0.837	-0.328	-0.240	0.006	0.025	-0.285	-0.016

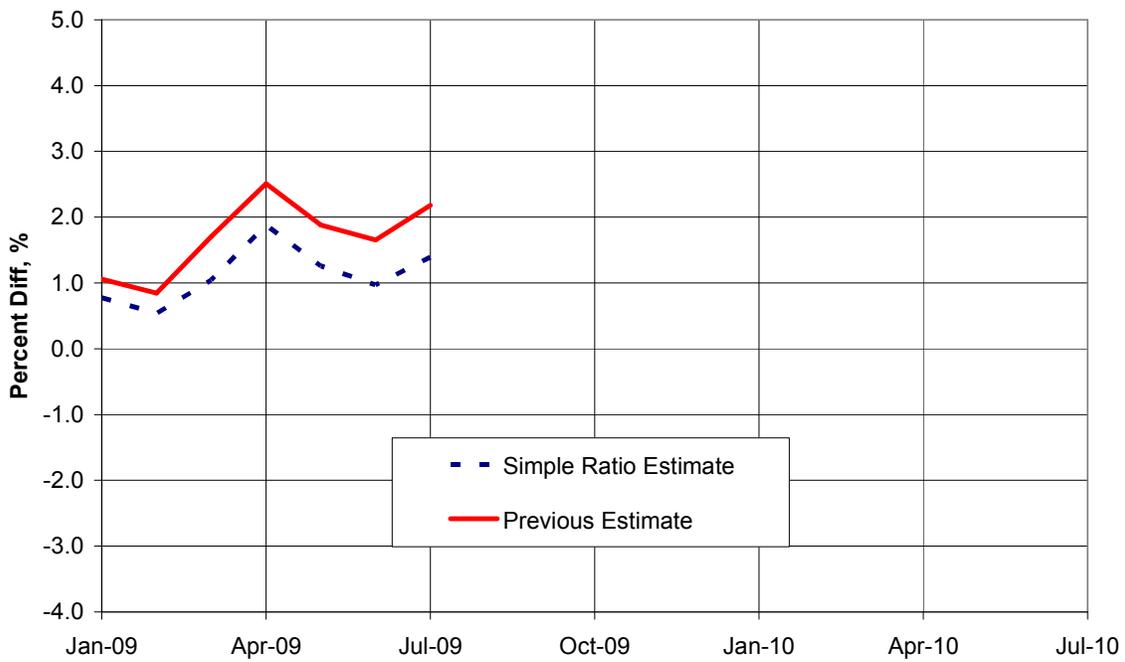
Percent Change From the Previous Estimates to the New Simple Ratio Method Estimates

	L48	TX	GOM	WY	OK	LA	NM
	Change						
	Percent						
Jan-09	-0.28	-0.50	0.03	1.16	-0.19	-4.84	0.30
Feb-09	-0.30	-0.58	-0.47	1.21	-0.38	-3.62	-0.05
Mar-09	-0.65	-0.91	-1.52	0.31	-0.47	-3.80	0.12
Apr-09	-0.62	-0.52	-1.54	0.23	-0.98	-3.94	0.07
May-09	-0.61	-0.76	-1.51	0.17	-0.19	-3.61	0.02
Jun-09	-0.67	-0.82	-1.69	0.17	-0.19	-4.03	0.00
Jul-09	-0.77	-0.73	-1.97	0.23	-0.35	-4.37	-0.10
Aug-09	-0.78	-0.29	-2.47	-0.03	-0.29	-5.23	-0.15
Sep-09	-0.93	-0.44	-2.84	-0.27	-0.50	-5.14	-0.18
Oct-09	-1.21	-1.25	-3.10	-0.29	-0.50	-4.88	-0.27
Nov-09	-1.32	-1.45	-3.44	-0.34	-0.59	-4.81	-0.53
Dec-09	-1.33	-1.63	-3.60	0.08	0.50	-5.56	-0.44

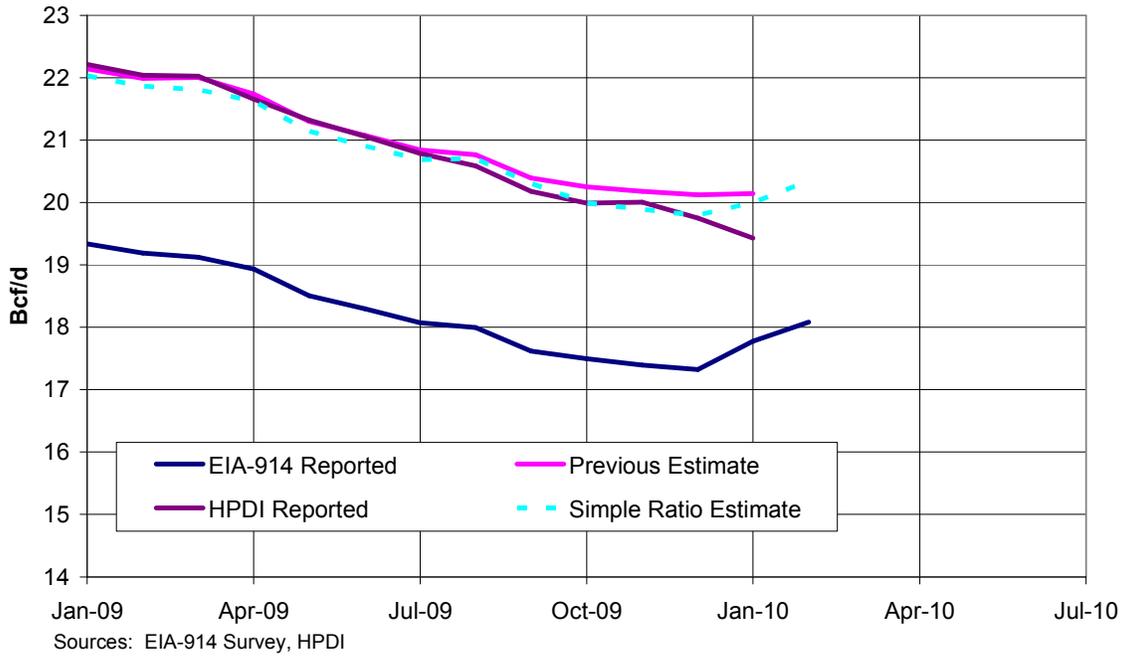
Lower 48 Reported and Estimated Natural Gas Production, 2009



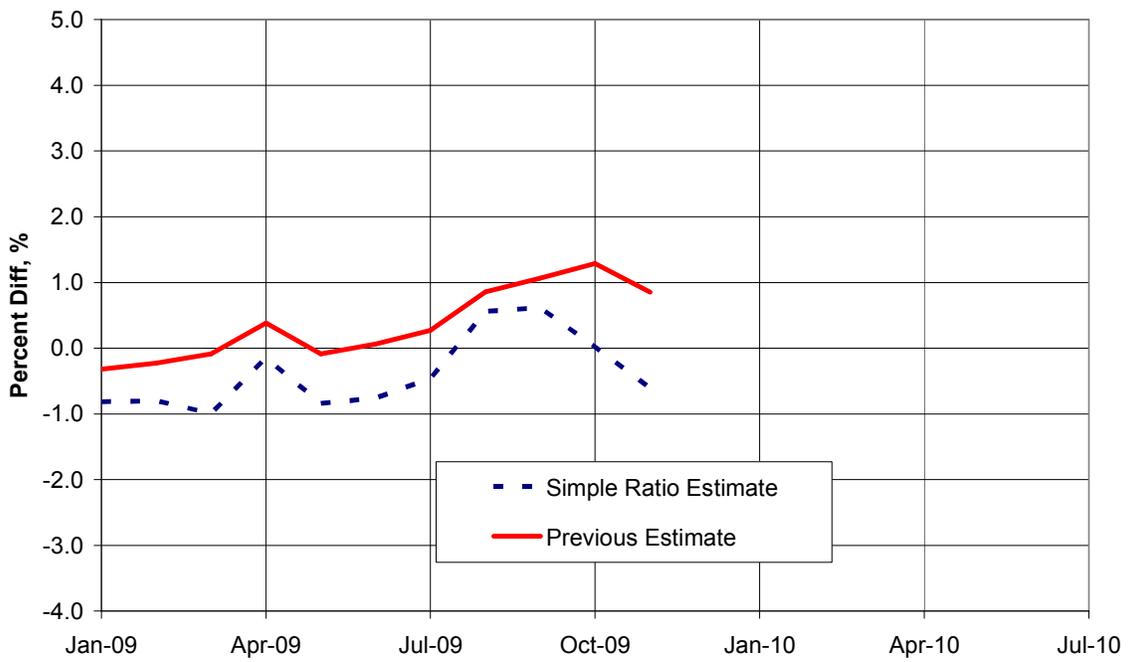
Lower 48 Percent Difference



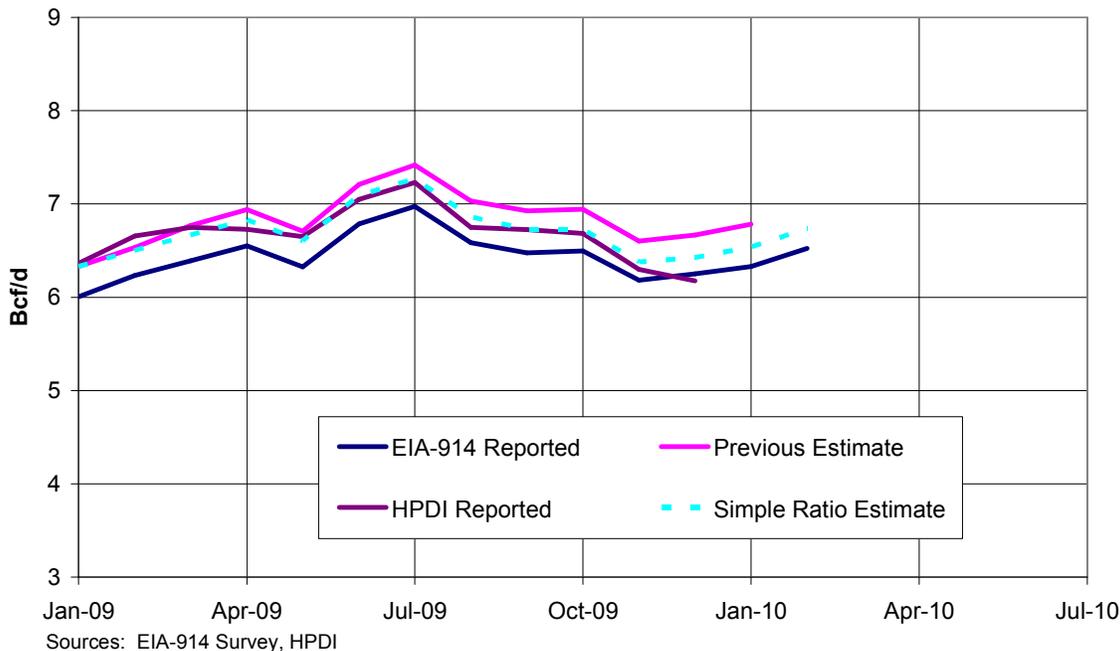
Texas Reported and Estimated Natural Gas Production, 2009



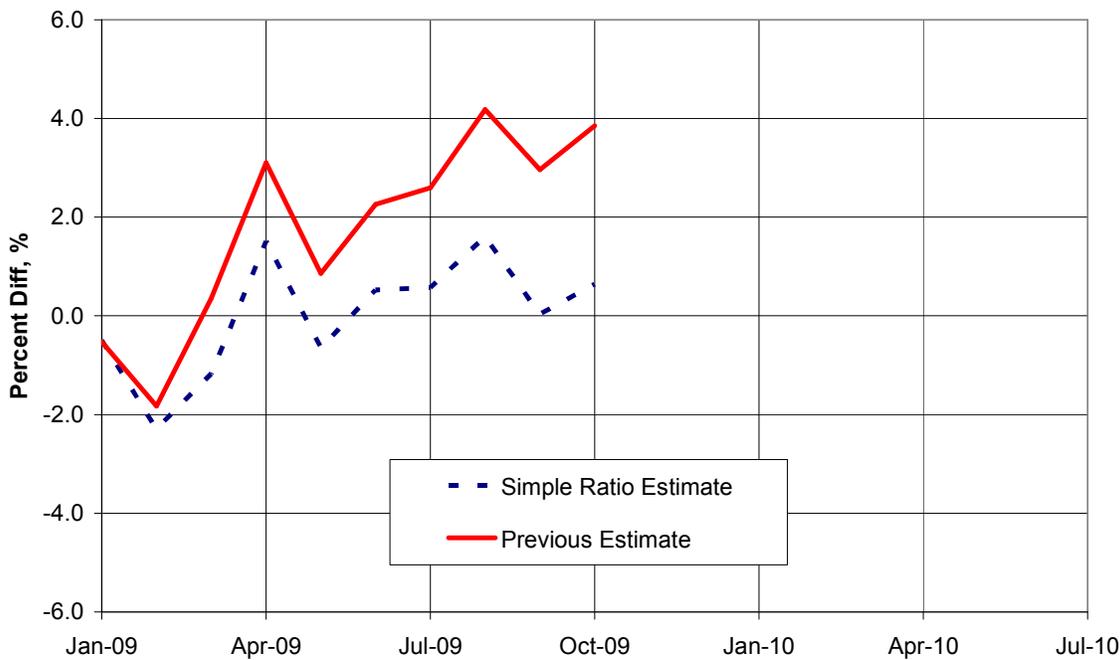
Texas Percent Difference



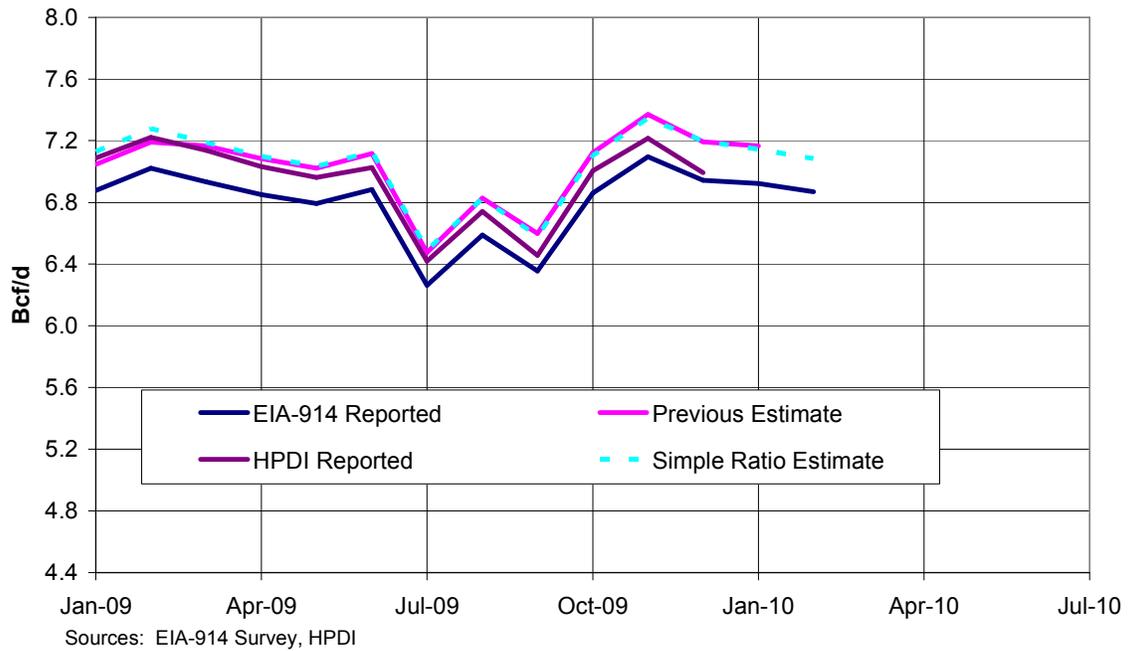
Federal Gulf of Mexico Reported and Estimated Natural Gas Production, 2009



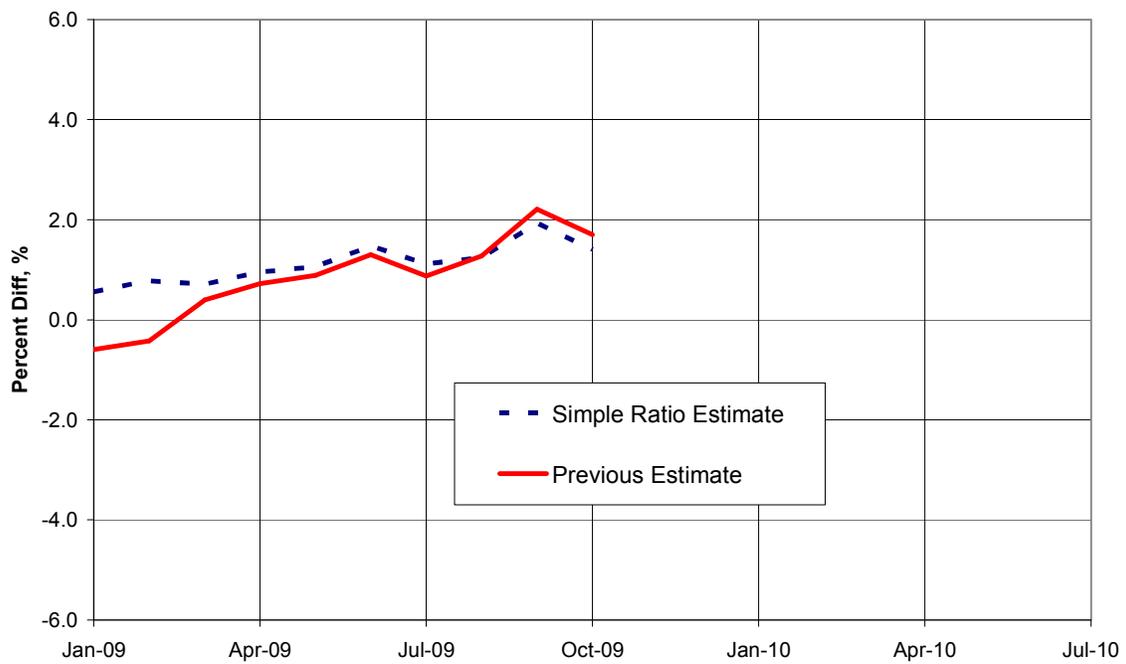
Federal Gulf of Mexico Percent Difference



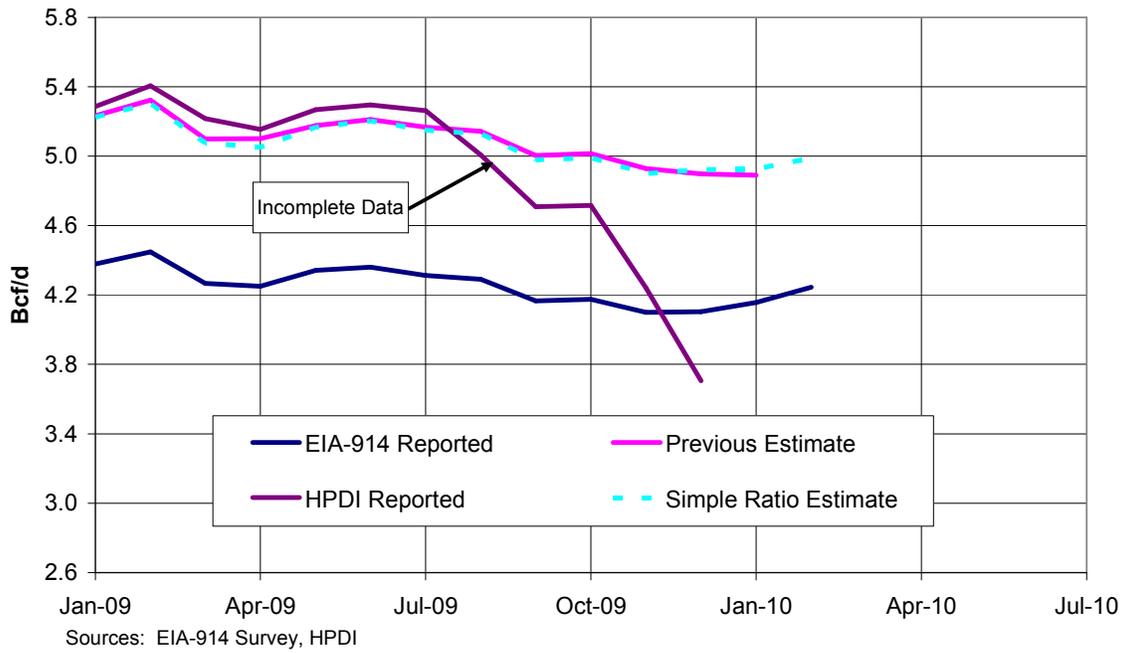
Wyoming Reported and Estimated Natural Gas Production, 2009



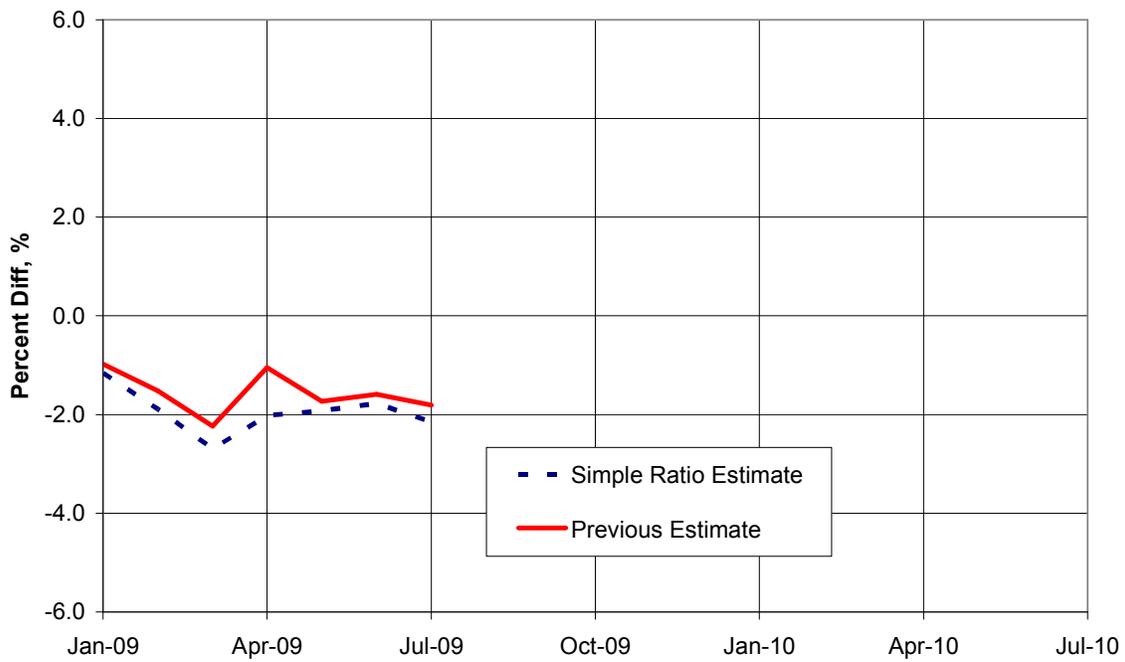
Wyoming Percent Difference



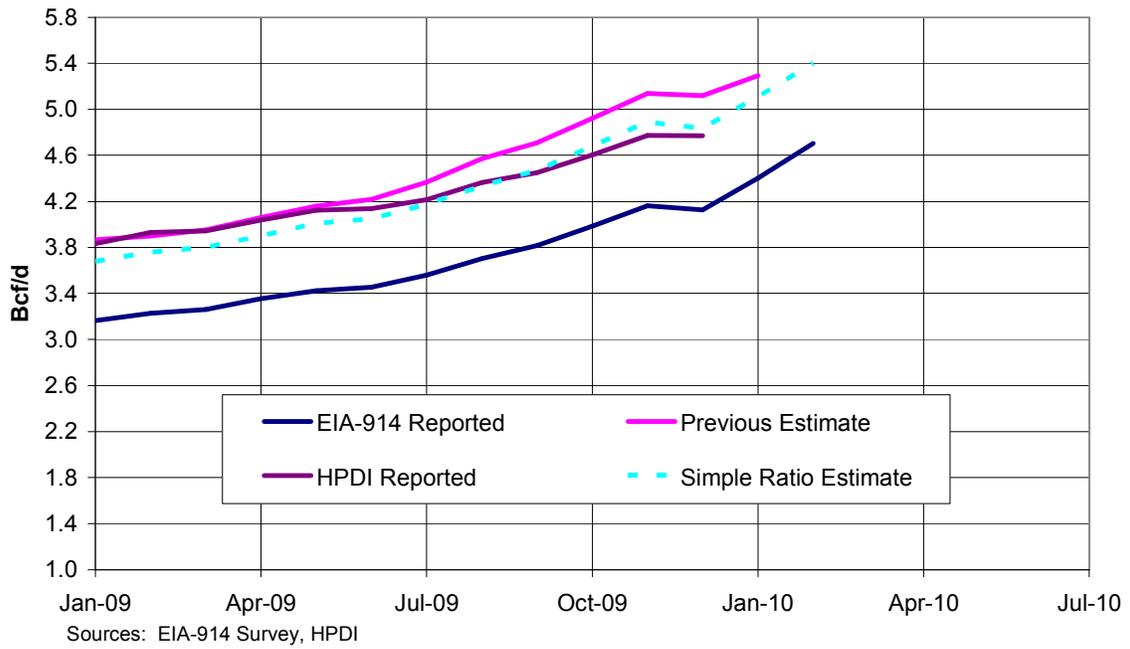
Oklahoma Reported and Estimated Natural Gas Production, 2009



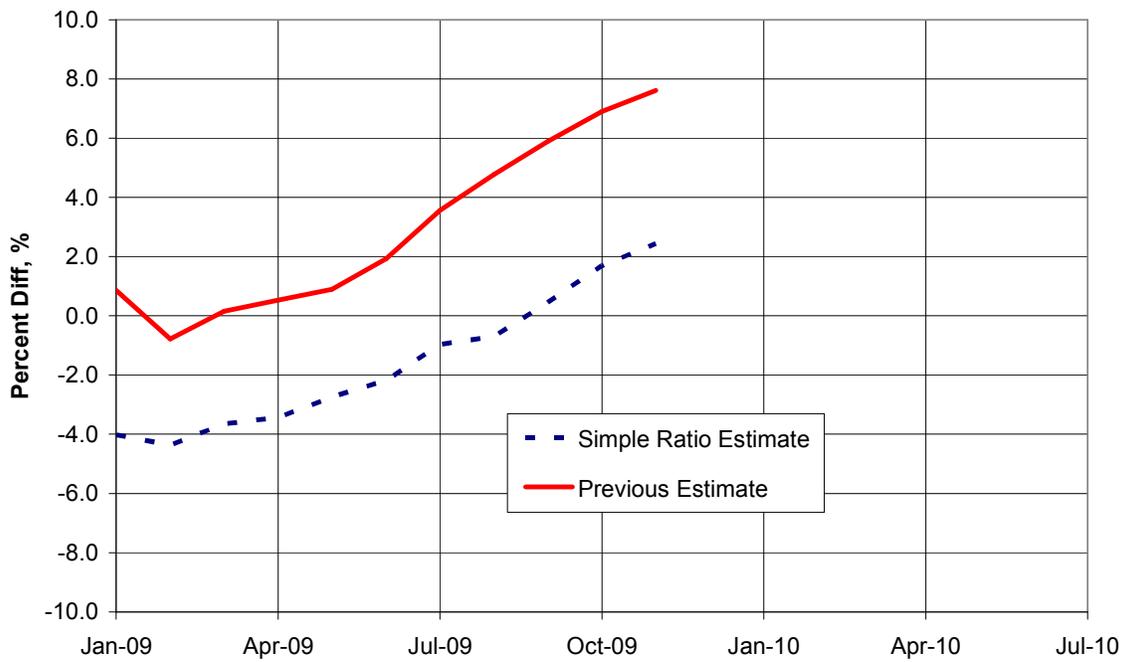
Oklahoma Percent Difference



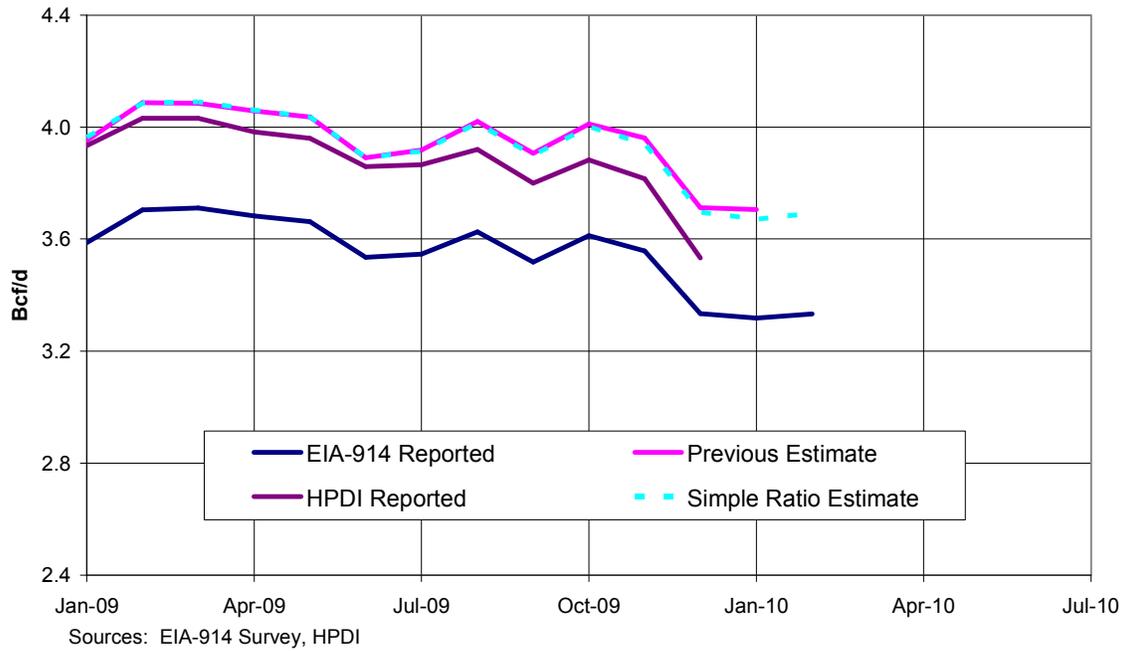
Louisiana Reported and Estimated Natural Gas Production, 2009



Louisiana Percent Difference



New Mexico Reported and Estimated Natural Gas Production, 2009



New Mexico Percent Difference

