

Lower 48 Natural Gas Production and Wellhead Prices by Supply Region

Region	2008	2009	2010				2011							
			Reference	Ref with low/slow	Ref with low/rapid	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with low/rapid	Ref with high/slow	Ref with high/rapid		
Dry Production (trillion cubic feet) 1/														
Lower 48 Total	19.911949	20.5812	20.926212	21.011778	21.002132	21.031496	21.037727	20.70631	20.806194	20.781784	20.809233	20.809374		
Lower 48 Onshore														
Northeast	1.088631	1.184585	1.460547	1.465541	1.465097	1.466194	1.466513	1.486663	1.485404	1.48493	1.485092	1.484376		
Gulf Coast	4.316686	4.483694	4.245488	4.267178	4.264839	4.272462	4.273992	4.188177	4.217315	4.20998	4.217771	4.218503		
Midcontinent	3.115487	3.157669	3.167806	3.184062	3.182298	3.187919	3.189076	3.160175	3.185268	3.179114	3.185868	3.186404		
Southwest	3.443045	3.542154	4.248943	4.27039	4.267905	4.275492	4.276985	4.175879	4.200806	4.195037	4.201989	4.202206		
Rocky Mountain	5.017704	5.252561	5.146714	5.157258	5.155785	5.159544	5.160539	5.251227	5.263474	5.261324	5.264534	5.263783		
West Coast	0.242916	0.264326	0.265993	0.266101	0.266075	0.266121	0.266129	0.245128	0.245338	0.245332	0.245333	0.245328		
Lower 48 Offshore														
Gulf	2.647123	2.652299	2.355914	2.366443	2.365328	2.368956	2.369686	2.163207	2.172737	2.170212	2.172795	2.172919		
Shallow	1.256438	1.233399	1.234553	1.235605	1.235494	1.235857	1.23593	1.004071	1.005024	1.004772	1.00503	1.005043		
Deep	1.390685	1.4189	1.121362	1.130837	1.129835	1.133099	1.133757	1.159136	1.167712	1.16544	1.167765	1.167876		
Pacific	0.040357	0.043912	0.034806	0.034806	0.034806	0.034806	0.034806	0.035853	0.035853	0.035853	0.035853	0.035853		
Atlantic	0	0	0	0	0	0	0	0	0	0	0	0		
Prices														
(2009 dollars per million Btu)														
Henry Hub	8.943237	3.95	4.431169	4.431169	4.431169	4.431169	4.431169	4.480698	4.480698	4.480698	4.480698	4.480698		
Lower 48 Average	7.962646	3.616559	3.978352	4.006003	4.002832	4.012001	4.014107	3.99055	4.035616	4.027435	4.040852	4.042192		
(2009 dollars per thousand cubic feet)														
Lower 48 Average	8.177637	3.710589	4.081789	4.110159	4.106906	4.116313	4.118474	4.094304	4.140542	4.132149	4.145914	4.147289		
Lower 48 Onshore														
Northeast	7.626226	3.480723	4.488544	4.548806	4.543313	4.55724	4.561189	4.391281	4.444014	4.435456	4.447244	4.444148		
Gulf Coast	8.704207	3.958545	4.165468	4.190773	4.188127	4.196865	4.198608	4.094627	4.148561	4.138393	4.153454	4.155664		
Midcontinent	7.875348	3.572799	3.906785	3.930794	3.928098	3.936349	3.938161	3.981634	4.034577	4.023898	4.039993	4.041471		
Southwest	8.575097	3.897547	4.111034	4.134416	4.131669	4.13997	4.141598	4.091228	4.135205	4.12686	4.140425	4.141727		
Rocky Mountain	7.194021	3.258565	3.807731	3.837618	3.833634	3.844107	3.846963	3.929658	3.964556	3.959269	3.970814	3.972532		
West Coast	8.448869	3.83065	4.75478	4.778604	4.772957	4.783235	4.784935	4.909783	4.955966	4.948385	4.959339	4.959836		
Lower 48 Offshore														
Gulf	9.21136	4.185017	4.373397	4.398877	4.39618	4.404961	4.406728	4.345501	4.395952	4.386602	4.402185	4.404277		
Pacific	9.013988	4.095344	4.808577	4.834188	4.827955	4.839149	4.840964	5.415256	5.44201	5.436822	5.446638	5.450071		
Atlantic	9.160602	4.023415	4.393047	4.448511	4.443658	4.462411	4.465913	4.257862	4.336486	4.327158	4.328847	4.331553		

1/ Marketed production (wet) minus extraction losses.

-- = Not applicable.

Note: Oil and Gas Supply Model regions are defined in Appendix F of the Annual Energy Outlook. Totals may not equal sum of components due to independent rounding.

Sources: 2008: Minerals Management Service, and U.S. Energy Information Administration (EIA),

Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010); EIA, U.S.

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DOE/EIA-0216(2009) (Washington, DC, October 2010); and EIA, Office of Integrated Analysis and

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FE2011 National Energy Modeling System.

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Region	2012					2013				
	Reference	Ref with lo	Ref with low	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with low	Ref with high/slow	Ref with high/rapid
Dry Production (trillion cubic feet) 1/ Lower 48 Total	20.927694	20.92626	20.885248	20.856983	20.901236	21.428143	21.423891	21.420218	21.426964	21.440931
Lower 48 Onshore										
Northeast	1.927026	1.920315	1.913677	1.917566	1.917925	2.389715	2.388268	2.387508	2.392851	2.399392
Gulf Coast	4.205009	4.209128	4.199636	4.19788	4.203468	4.27615	4.27616	4.278301	4.27808	4.279212
Midcontinent	3.167209	3.174166	3.162977	3.16138	3.167576	3.182196	3.189937	3.182881	3.183172	3.185386
Southwest	4.143172	4.152258	4.141659	4.139393	4.147855	4.161476	4.165525	4.164337	4.169737	4.16839
Rocky Mountain	5.216616	5.202336	5.202497	5.177069	5.19889	5.282845	5.2693	5.270917	5.267901	5.272768
West Coast	0.24155	0.241176	0.241156	0.241289	0.241173	0.234869	0.235362	0.235473	0.234798	0.235426
Lower 48 Offshore										
Gulf	1.998134	1.997943	1.994705	1.993455	1.995404	1.875385	1.873813	1.875271	1.874921	1.87483
Shallow	0.843286	0.843267	0.842943	0.842818	0.843013	0.744114	0.743957	0.744103	0.744068	0.744059
Deep	1.154848	1.154675	1.151762	1.150637	1.152391	1.131271	1.129856	1.131168	1.130853	1.130772
Pacific	0.028979	0.028944	0.028942	0.028952	0.028943	0.025505	0.025526	0.025533	0.025506	0.025527
Atlantic	0	0	0	0	0	0	0	0	0	0
Prices (2009 dollars per million Btu)										
Henry Hub	4.497973	4.539308	4.521772	4.527297	4.540195	4.56242	4.604795	4.589896	4.599339	4.611294
Lower 48 Average	3.983989	4.020557	4.005043	4.009932	4.021342	4.041004	4.078491	4.06531	4.073664	4.084241
(2009 dollars per thousand cubic feet)										
Lower 48 Average	4.087573	4.125092	4.109174	4.11419	4.125897	4.14607	4.184532	4.171009	4.179579	4.190431
Lower 48 Onshore										
Northeast	4.321813	4.355848	4.331943	4.351213	4.354316	4.306796	4.348887	4.335969	4.365151	4.374973
Gulf Coast	4.039239	4.088468	4.069502	4.080349	4.088471	4.083975	4.129208	4.11565	4.126327	4.133596
Midcontinent	4.037316	4.085987	4.063606	4.073643	4.083268	4.159101	4.216889	4.187402	4.199201	4.204172
Southwest	4.069591	4.112669	4.094693	4.09773	4.113027	4.126521	4.167391	4.152482	4.161655	4.172269
Rocky Mountain	3.93605	3.953072	3.94934	3.937564	3.95776	4.009471	4.02588	4.022573	4.018117	4.036182
West Coast	4.715286	4.682501	4.671288	4.709252	4.685746	4.692089	4.695124	4.691827	4.680939	4.702965
Lower 48 Offshore										
Gulf	4.37903	4.429306	4.410372	4.422355	4.430206	4.418128	4.463895	4.44939	4.460378	4.468011
Pacific	5.535307	5.48561	5.476113	5.508199	5.490968	4.321566	4.361834	4.392215	4.273844	4.369019
Atlantic	3.96734	4.008167	3.983027	3.985262	3.997532	3.94698	3.987763	3.975187	3.979253	3.991328

1/ Marketed production (wet) minus extraction losses.

-- = Not applicable.

Note: Oil and Gas Supply Model regions are defined in Appendix F of the Annual Energy Outlook. Totals may not equal sum of components due to independent rounding.

Sources: 2008: Minerals Management Service, and U.S. Energy Information Administration (EIA),

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Lower 48 Natural Gas Production and Wellhead Prices by Supply Region

Region	2014					2015				
	Reference	Ref with lo	Ref with low	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with low	Ref with high/slow	Ref with high/rapid
Dry Production (trillion cubic feet) 1/ Lower 48 Total	21.73414	21.66875	21.709015	21.701021	21.683372	22.149178	22.214153	22.636642	22.281174	22.56126
Lower 48 Onshore										
Northeast	2.644811	2.634204	2.637013	2.638548	2.641155	2.936872	2.914812	2.956908	2.920146	2.94205
Gulf Coast	4.284857	4.270863	4.278873	4.277159	4.270238	4.25999	4.27528	4.373488	4.285511	4.357926
Midcontinent	3.148273	3.137138	3.144875	3.143179	3.139887	3.122414	3.140533	3.215889	3.151616	3.20659
Southwest	4.142931	4.135842	4.143787	4.14491	4.135667	4.133389	4.15882	4.253095	4.17384	4.238311
Rocky Mountain	5.287268	5.266795	5.278835	5.2719	5.272246	5.326908	5.345025	5.417859	5.361867	5.401779
West Coast	0.225003	0.22531	0.225551	0.2253	0.225594	0.218694	0.220202	0.221211	0.220808	0.220748
Lower 48 Offshore										
Gulf	1.97776	1.975362	1.97685	1.97677	1.97535	2.129298	2.13783	2.17654	2.145717	2.172208
Shallow	0.678327	0.678088	0.678236	0.678228	0.678086	0.651386	0.652239	0.65611	0.653028	0.655677
Deep	1.299432	1.297274	1.298614	1.298542	1.297264	1.477912	1.48559	1.520429	1.492689	1.516531
Pacific	0.023237	0.02323	0.023231	0.023255	0.023237	0.021612	0.021653	0.021652	0.021666	0.021646
Atlantic	0	0	0	0	0	0	0	0	0	0
Prices (2009 dollars per million Btu)										
Henry Hub	4.572871	4.596627	4.595902	4.605883	4.60648	4.664319	4.7363	5.071631	4.779182	5.025692
Lower 48 Average	4.050248	4.071264	4.070624	4.079453	4.079981	4.131148	4.194826	4.491455	4.232759	4.450819
(2009 dollars per thousand cubic feet)										
Lower 48 Average	4.155555	4.177117	4.17646	4.185519	4.18606	4.238558	4.303891	4.608232	4.342811	4.56654
Lower 48 Onshore										
Northeast	4.155199	4.165429	4.175138	4.203059	4.199104	4.178632	4.171671	4.250661	4.215869	4.245524
Gulf Coast	4.174614	4.204349	4.200519	4.209602	4.209526	4.303751	4.397526	4.817847	4.444808	4.766805
Midcontinent	4.237932	4.27395	4.262253	4.271853	4.268797	4.339459	4.441753	4.841648	4.487478	4.8039
Southwest	4.195713	4.224359	4.221141	4.230492	4.228584	4.293426	4.395823	4.811553	4.444666	4.759758
Rocky Mountain	4.046498	4.052203	4.056822	4.057618	4.065045	4.117822	4.151534	4.324796	4.17241	4.275974
West Coast	4.592546	4.617869	4.632174	4.603187	4.646319	4.428618	4.578572	4.665595	4.607487	4.646314
Lower 48 Offshore										
Gulf	4.139288	4.161693	4.160837	4.170432	4.165428	4.216671	4.263468	4.628407	4.294632	4.58478
Pacific	4.328332	4.366012	4.40095	4.31179	4.385176	4.453363	4.769628	4.801913	4.856149	4.75233
Atlantic	4.158104	4.214253	4.19029	4.184952	4.25879	4.54652	4.348165	4.499727	4.400342	4.401478

1/ Marketed production (wet) minus extraction losses.

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Lower 48 Natural Gas Production and Wellhead Prices by Supply Region

Region	2016					2017				
	Reference	Ref with lo	Ref with low	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with low	Ref with high/slow	Ref with high/rapid
Dry Production (trillion cubic feet) 1/ Lower 48 Total	22.195663	22.49425	23.128149	22.50053	23.087687	22.378616	22.902344	23.235634	22.917742	23.878056
Lower 48 Onshore										
Northeast	3.121214	3.13301	3.24442	3.121564	3.22768	3.323373	3.377263	3.577808	3.374698	3.592307
Gulf Coast	4.163775	4.237124	4.36365	4.236042	4.358872	4.091955	4.200309	4.204015	4.206795	4.366456
Midcontinent	3.049686	3.111114	3.221035	3.113778	3.214536	2.976964	3.072385	3.106091	3.078685	3.224566
Southwest	4.066265	4.137006	4.250649	4.137585	4.246092	4.012772	4.112631	4.131002	4.118009	4.289843
Rocky Mountain	5.373943	5.417428	5.545838	5.430508	5.537342	5.374728	5.48263	5.60808	5.48079	5.683273
West Coast	0.21627	0.215389	0.218399	0.216287	0.218225	0.214677	0.214609	0.215047	0.214164	0.215793
Lower 48 Offshore										
Gulf	2.184105	2.222832	2.263752	2.224411	2.264526	2.363659	2.422027	2.373102	2.424147	2.485304
Shallow	0.651412	0.655285	0.659377	0.655443	0.659455	0.641691	0.647528	0.642635	0.64774	0.653856
Deep	1.532692	1.567547	1.604375	1.568968	1.605072	1.721968	1.7745	1.730466	1.776407	1.831449
Pacific	0.020404	0.02035	0.020409	0.020356	0.020412	0.02049	0.020489	0.020491	0.020455	0.020514
Atlantic		0	0	0	0	0	0	0	0	0
Prices										
(2009 dollars per million Btu)										
Henry Hub	4.737782	4.894907	5.575783	4.924356	5.538394	4.764277	5.027317	5.616284	5.054789	6.017002
Lower 48 Average	4.196136	4.335129	4.937377	4.361179	4.904308	4.219574	4.452256	4.973198	4.476556	5.327596
(2009 dollars per thousand cubic feet)										
Lower 48 Average	4.305235	4.447843	5.065749	4.47457	5.03182	4.329283	4.568015	5.102501	4.592947	5.466113
Lower 48 Onshore										
Northeast	4.283186	4.307305	4.431054	4.317442	4.433877	4.335497	4.402956	4.53119	4.406226	4.608457
Gulf Coast	4.366033	4.582277	5.408587	4.604978	5.371054	4.402257	4.725909	5.442958	4.763832	5.945201
Midcontinent	4.399592	4.608202	5.381816	4.631541	5.355141	4.444422	4.761428	5.430965	4.798085	5.930149
Southwest	4.355106	4.567998	5.386162	4.594573	5.342192	4.400829	4.718999	5.395161	4.753894	5.874356
Rocky Mountain	4.200867	4.25764	4.662193	4.286756	4.615605	4.264345	4.398474	4.805484	4.399641	5.05584
West Coast	4.437866	4.525071	4.906308	4.618335	4.835403	4.675858	4.748415	5.283238	4.747046	5.433824
Lower 48 Offshore										
Gulf	4.236876	4.394191	5.266681	4.444084	5.226338	4.03892	4.386967	5.103884	4.442297	5.496886
Pacific	4.630931	4.82917	5.124255	4.937747	5.090612	4.906625	4.976785	5.45063	5.012254	5.645344
Atlantic	4.551919	4.470307	4.842643	4.501474	4.760288	4.478129	4.588731	5.211178	4.607586	5.293602

1/ Marketed production (wet) minus extraction losses.

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Region	2018					2019				
	Reference	Ref with lo	Ref with low	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with low	Ref with high/slow	Ref with high/rapid
Dry Production (trillion cubic feet) 1/ Lower 48 Total	22.649944	23.32538	23.547266	23.366234	24.764574	22.937706	23.772318	23.856852	23.840645	24.987614
Lower 48 Onshore										
Northeast	3.5186	3.617956	3.874204	3.627107	3.986212	3.697132	3.811902	4.085145	3.841313	4.349281
Gulf Coast	4.031189	4.164612	4.121827	4.163797	4.413912	3.986907	4.149402	4.071257	4.150306	4.302035
Midcontinent	2.914512	3.033643	3.017594	3.038603	3.246515	2.846559	2.998016	2.929473	3.005904	3.125736
Southwest	3.956209	4.100164	4.065665	4.099792	4.340341	3.896929	4.096635	4.01447	4.099599	4.228195
Rocky Mountain	5.39665	5.51132	5.665976	5.552799	5.817617	5.427995	5.590781	5.704638	5.621918	5.879097
West Coast	0.21043	0.211027	0.210272	0.21066	0.211393	0.201389	0.201896	0.225901	0.202143	0.226525
Lower 48 Offshore										
Gulf	2.601809	2.666129	2.571186	2.652924	2.728011	2.860494	2.90338	2.805682	2.899162	2.856454
Shallow	0.623721	0.629234	0.61974	0.627914	0.635423	0.614307	0.618596	0.610209	0.618174	0.615287
Deep	1.978088	2.036895	1.951446	2.02501	2.092588	2.246187	2.284784	2.195472	2.280988	2.241167
Pacific	0.020546	0.020528	0.020543	0.020551	0.020573	0.020302	0.020305	0.020288	0.0203	0.020293
Atlantic		0	0	0	0	0	0	0	0	0
Prices										
(2009 dollars per million Btu)										
Henry Hub	4.808661	5.152304	5.606622	5.195461	6.548688	4.8716	5.316239	5.604341	5.3636	6.595698
Lower 48 Average	4.258838	4.562813	4.964652	4.600986	5.79778	4.314512	4.707816	4.962634	4.749707	5.839349
(2009 dollars per thousand cubic feet)										
Lower 48 Average	4.369567	4.681446	5.093733	4.720612	5.948522	4.42669	4.830219	5.091663	4.873199	5.991172
Lower 48 Onshore										
Northeast	4.415915	4.518358	4.664462	4.537831	4.877266	4.517076	4.616901	4.771051	4.657718	5.042294
Gulf Coast	4.434741	4.864271	5.378158	4.896815	6.509025	4.461154	5.006042	5.274082	5.035144	6.426518
Midcontinent	4.478218	4.887438	5.40347	4.924567	6.498413	4.517291	5.056979	5.36492	5.106379	6.497539
Southwest	4.443833	4.837118	5.333749	4.871788	6.442046	4.479628	4.970278	5.262023	5.008583	6.399061
Rocky Mountain	4.356685	4.516867	4.94695	4.591562	5.551351	4.46105	4.728091	5.078541	4.800414	5.768868
West Coast	4.92029	5.174523	5.507096	5.063956	6.048235	5.383408	5.844836	6.06813	5.807082	6.861726
Lower 48 Offshore										
Gulf	3.947555	4.441365	4.82675	4.465928	6.004316	3.959913	4.549448	4.707469	4.565294	6.006555
Pacific	5.116498	5.098955	5.653318	5.193559	6.255586	5.422766	5.391667	5.825075	5.50398	6.60785
Atlantic	4.461754	4.704451	5.403149	4.777373	5.816112	4.477109	4.84314	5.40497	4.93147	6.132379

1/ Marketed production (wet) minus extraction losses.

-- = Not applicable.

Note: Oil and Gas Supply Model regions are defined in Appendix F of the Annual Energy Outlook. Totals may not equal sum of components due to independent rounding.

Sources: 2008: Minerals Management Service, and U.S. Energy Information Administration (EIA),

Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010); EIA, U.S.

Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,

DOE/EIA-0216(2009) (Washington, DC, October 2010); and EIA, Office of Integrated Analysis and

Forecasting (OIAF). 2009: EIA, Natural Gas Monthly,

DOE/EIA-0130(2010/07) (Washington, DC, July 2010) and EIA, OIAF. Projections: EIA,

FE2011 National Energy Modeling System.

Lower 48 Natural Gas Production and Wellhead Prices by Supply Region

Region	2020					2021				
	Reference	Ref with lo	Ref with lo	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with lo	Ref with high/slow	Ref with high/rapid
Dry Production (trillion cubic feet) 1/										
Lower 48 Total	23.16971	24.19342	24.251629	24.208929	25.399364	23.278208	24.366762	24.514025	24.519413	25.713444
Lower 48 Onshore										
Northeast	3.843291	4.054567	4.285301	4.059846	4.628341	4.017285	4.297851	4.459862	4.305734	4.891126
Gulf Coast	3.997046	4.167508	4.108469	4.190216	4.319605	3.999753	4.181122	4.1618	4.23468	4.325581
Midcontinent	2.74363	2.90559	2.815381	2.900724	2.997064	2.736085	2.900182	2.81753	2.920628	2.967301
Southwest	3.898436	4.133851	4.063613	4.128404	4.272984	3.878687	4.132629	4.130946	4.159355	4.343179
Rocky Mountain	5.509733	5.724085	5.774375	5.724246	5.98779	5.576071	5.793855	5.814936	5.821797	6.072501
West Coast	0.2183	0.219294	0.255888	0.219459	0.257818	0.202647	0.203065	0.252614	0.203271	0.253441
Lower 48 Offshore										
Gulf	2.939567	2.968764	2.928874	2.966306	2.916016	2.84799	2.838352	2.856649	2.85421	2.840617
Shallow	0.625369	0.628289	0.634292	0.628043	0.633006	0.611069	0.610593	0.625763	0.612179	0.62416
Deep	2.314198	2.340475	2.294582	2.338264	2.28301	2.236922	2.227758	2.230886	2.242031	2.216457
Pacific	0.019708	0.019755	0.019728	0.019728	0.019745	0.019692	0.019707	0.01969	0.019736	0.019696
Atlantic	0	0	0	0	0	0	0	0	0	0
Prices										
(2009 dollars per million Btu)										
Henry Hub	5.051568	5.746981	5.737675	5.720499	6.743213	5.237007	5.990535	5.899381	6.103013	6.838116
Lower 48 Average	4.473708	5.08879	5.08056	5.065369	5.969791	4.637735	5.304189	5.223573	5.403661	6.053709
(2009 dollars per thousand cubic feet)										
Lower 48 Average	4.590024	5.221099	5.212655	5.197069	6.125006	4.758317	5.442098	5.359386	5.544156	6.211105
Lower 48 Onshore										
Northeast	4.610642	4.85819	4.943337	4.813388	5.211743	4.724684	5.019572	5.073248	5.000327	5.372287
Gulf Coast	4.557354	5.341241	5.28042	5.310633	6.417738	4.679089	5.506388	5.364196	5.640848	6.415617
Midcontinent	4.612012	5.386976	5.395083	5.349084	6.530285	4.725608	5.555767	5.480255	5.701501	6.519854
Southwest	4.591369	5.274111	5.274149	5.25763	6.353954	4.729817	5.517514	5.38861	5.667075	6.334955
Rocky Mountain	4.638666	5.166041	5.275551	5.15129	6.134798	4.817971	5.438389	5.432229	5.51537	6.313114
West Coast	5.472569	6.114771	6.079582	6.14074	7.024869	5.61313	6.373563	6.246198	6.489078	7.125412
Lower 48 Offshore										
Gulf	4.422266	5.348353	5.046124	5.344369	6.283857	4.80343	5.697025	5.405595	5.867184	6.525614
Pacific	5.512101	5.783625	5.969409	5.650758	6.921247	5.6536	6.182364	6.132152	6.294661	7.207493
Atlantic	4.553102	5.084022	5.400055	5.208812	6.380021	4.676526	5.45332	5.458993	5.425737	6.5173

1/ Marketed production (wet) minus extraction losses.

-- = Not applicable.

Note: Oil and Gas Supply Model regions are defined in Appendix F of the Annual Energy Outlook. Totals may not equal sum of components due to independent rounding.

Sources: 2008: Minerals Management Service, and U.S. Energy Information Administration (EIA), Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010); EIA, U.S.

Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,

DOE/EIA-0216(2009) (Washington, DC, October 2010); and EIA, Office of Integrated Analysis and

Forecasting (OIAF). 2009: EIA, Natural Gas Monthly,

DOE/EIA-0130(2010/07) (Washington, DC, July 2010) and EIA, OIAF. Projections: EIA,

FE2011 National Energy Modeling System.

Lower 48 Natural Gas Production and Wellhead Prices by Supply Region

Region	2022					2023				
	Reference	Ref with lo	Ref with low	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with low	Ref with high/slow	Ref with high/rapid
Dry Production (trillion cubic feet) 1/ Lower 48 Total	23.451145	24.60207	24.763704	24.930346	26.021194	23.597155	24.827721	24.959206	25.331743	26.260998
Lower 48 Onshore										
Northeast	4.209746	4.534615	4.644453	4.573397	5.106618	4.390175	4.754941	4.829041	4.835106	5.288358
Gulf Coast	4.010146	4.21226	4.203547	4.310966	4.345953	3.974418	4.221665	4.220566	4.344821	4.354238
Midcontinent	2.733871	2.880561	2.809126	2.931291	2.950813	2.725595	2.867409	2.803207	2.946255	2.959076
Southwest	3.897374	4.125676	4.171309	4.177699	4.426497	3.921401	4.149071	4.21214	4.234909	4.514914
Rocky Mountain	5.60519	5.846333	5.850437	5.885892	6.113465	5.655386	5.884757	5.87006	5.960482	6.110439
West Coast	0.193366	0.218907	0.24925	0.219203	0.254335	0.189281	0.228594	0.248547	0.229376	0.252277
Lower 48 Offshore										
Gulf	2.7823	2.764534	2.816402	2.812707	2.80436	2.722044	2.702414	2.756794	2.761932	2.762866
Shallow	0.611584	0.610364	0.627294	0.61294	0.629376	0.630782	0.628885	0.646097	0.632997	0.64661
Deep	2.170715	2.15417	2.189108	2.199767	2.174984	2.091261	2.073529	2.110697	2.128935	2.116256
Pacific	0.019154	0.019186	0.019184	0.019191	0.019155	0.018856	0.018871	0.018849	0.018862	0.018828
Atlantic	0	0	0	0	0	0	0	0	0	0
Prices										
(2009 dollars per million Btu)										
Henry Hub	5.391335	6.162592	6.029764	6.418098	6.900246	5.576093	6.317555	6.177093	6.7663	6.984447
Lower 48 Average	4.774239	5.456349	5.338881	5.6823	6.108646	4.937652	5.593389	5.469173	5.990206	6.183098
(2009 dollars per thousand cubic feet)										
Lower 48 Average	4.898369	5.598215	5.477693	5.83004	6.267471	5.066031	5.738817	5.611372	6.145952	6.343859
Lower 48 Onshore										
Northeast	4.870303	5.180742	5.217463	5.204164	5.504729	5.021924	5.344817	5.384354	5.414251	5.623504
Gulf Coast	4.836711	5.626723	5.463857	5.964874	6.434608	5.059676	5.779045	5.614309	6.356527	6.520541
Midcontinent	4.863616	5.69136	5.562713	6.037807	6.516662	5.032839	5.82666	5.667172	6.400983	6.575139
Southwest	4.861412	5.682596	5.486166	6.032763	6.350642	5.024066	5.806206	5.609748	6.357856	6.421547
Rocky Mountain	4.954763	5.661963	5.581085	5.810932	6.452618	5.099437	5.817211	5.679341	6.082973	6.523765
West Coast	5.681513	6.46718	6.193729	6.61936	7.167192	5.76109	6.531985	6.203309	6.728453	7.004447
Lower 48 Offshore										
Gulf	4.941774	5.806883	5.546101	6.095553	6.511468	5.117192	5.92849	5.746589	6.581042	6.604772
Pacific	5.739688	6.467549	6.340609	6.753222	7.32691	5.818442	6.634724	6.430039	6.901896	7.319849
Atlantic	4.902542	5.750218	5.571648	5.841511	6.636478	5.130387	5.952141	5.743885	6.265533	6.731352

1/ Marketed production (wet) minus extraction losses.

-- = Not applicable.

Note: Oil and Gas Supply Model regions are defined in Appendix F of the Annual Energy Outlook. Totals may not equal sum of components due to independent rounding.

Sources: 2008: Minerals Management Service, and U.S. Energy Information Administration (EIA), Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010); EIA, U.S.

Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,

DOE/EIA-0216(2009) (Washington, DC, October 2010); and EIA, Office of Integrated Analysis and

Forecasting (OIAF). 2009: EIA, Natural Gas Monthly,

DOE/EIA-0130(2010/07) (Washington, DC, July 2010) and EIA, OIAF. Projections: EIA,

FE2011 National Energy Modeling System.

Lower 48 Natural Gas Production and Wellhead Prices by Supply Region

Region	2024					2025				
	Reference	Ref with lo	Ref with low	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with low	Ref with high/slow	Ref with high/rapid
Dry Production (trillion cubic feet) 1/ Lower 48 Total	23.612169	24.99061	25.053829	25.727129	26.476742	23.733786	25.071951	25.206867	26.165545	26.606245
Lower 48 Onshore										
Northeast	4.559888	4.952477	4.975149	5.109857	5.492345	4.727691	5.124936	5.158704	5.372919	5.656027
Gulf Coast	3.954533	4.27312	4.253686	4.427038	4.403913	3.995195	4.281875	4.289974	4.50067	4.429039
Midcontinent	2.698915	2.830398	2.791336	2.954201	2.96543	2.697893	2.844331	2.79218	2.985235	2.967037
Southwest	3.9246	4.204484	4.239571	4.343102	4.59787	3.929408	4.223515	4.251997	4.472669	4.641353
Rocky Mountain	5.71476	5.94078	5.92515	6.072248	6.116271	5.747662	5.962718	5.952939	6.180561	6.116293
West Coast	0.209479	0.234145	0.251633	0.237132	0.249172	0.211146	0.227313	0.245158	0.231153	0.24241
Lower 48 Offshore										
Gulf	2.531114	2.536347	2.598435	2.564676	2.632908	2.405992	2.388483	2.497124	2.403521	2.535316
Shallow	0.624505	0.629962	0.639462	0.632501	0.645007	0.628006	0.632381	0.649093	0.634856	0.657799
Deep	1.906609	1.906385	1.958973	1.932175	1.987901	1.777986	1.756101	1.848031	1.768665	1.877517
Pacific	0.018881	0.018859	0.01887	0.018876	0.018833	0.018798	0.018779	0.018788	0.018816	0.018772
Atlantic	0	0	0	0	0	0	0	0	0	0
Prices										
(2009 dollars per million Btu)										
Henry Hub	5.795816	6.537005	6.351899	7.205579	7.140219	5.972763	6.656736	6.503038	7.529542	7.235846
Lower 48 Average	5.131981	5.787448	5.623759	6.378623	6.320832	5.288472	5.893323	5.757411	6.665058	6.405385
(2009 dollars per thousand cubic feet)										
Lower 48 Average	5.265413	5.937922	5.769977	6.544467	6.485174	5.425972	6.04655	5.907104	6.838349	6.571925
Lower 48 Onshore										
Northeast	5.172212	5.494029	5.50608	5.656703	5.781661	5.307441	5.60904	5.649779	5.832618	5.897757
Gulf Coast	5.20713	5.999647	5.767628	6.840031	6.648901	5.394885	6.130598	5.929289	7.265955	6.758615
Midcontinent	5.251928	5.962594	5.82448	6.900653	6.707537	5.435452	6.12791	5.972846	7.310951	6.798405
Southwest	5.217201	6.042687	5.787199	6.693915	6.563786	5.412162	6.128975	5.948375	7.09476	6.687395
Rocky Mountain	5.270962	5.944429	5.807004	6.37288	6.593927	5.383821	6.033331	5.892652	6.603599	6.626758
West Coast	5.834311	6.550293	6.233336	6.864557	7.037882	6.656748	7.135154	6.928514	7.762863	7.664764
Lower 48 Offshore										
Gulf	5.548951	6.422038	6.057793	7.512956	6.98086	5.710541	6.516268	6.186135	7.733956	7.032078
Pacific	5.927901	6.695134	6.506515	7.017271	7.239836	6.010775	6.699338	6.550945	7.177168	7.187216
Atlantic	5.335943	6.057003	5.94734	6.838481	6.850593	5.530321	6.176105	6.117064	7.244059	6.957012

1/ Marketed production (wet) minus extraction losses.

-- = Not applicable.

Note: Oil and Gas Supply Model regions are defined in Appendix F of the Annual Energy Outlook. Totals may not equal sum of components due to independent rounding.

Sources: 2008: Minerals Management Service, and U.S. Energy Information Administration (EIA),

Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010); EIA, U.S.

Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,

DOE/EIA-0216(2009) (Washington, DC, October 2010); and EIA, Office of Integrated Analysis and

Forecasting (OIAF). 2009: EIA, Natural Gas Monthly,

DOE/EIA-0130(2010/07) (Washington, DC, July 2010) and EIA, OIAF. Projections: EIA,

FE2011 National Energy Modeling System.

Lower 48 Natural Gas Production and Wellhead Prices by Supply Region

Region	2026					2027				
	Reference	Ref with lo	Ref with low	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with low	Ref with high/slow	Ref with high/rapid
Dry Production (trillion cubic feet) 1/ Lower 48 Total	23.834326	25.26267	25.346409	26.632917	26.813469	24.051987	25.469151	25.600262	26.886951	27.122578
Lower 48 Onshore										
Northeast	4.869181	5.30628	5.298615	5.607412	5.787951	5.030749	5.427775	5.460433	5.800267	5.912457
Gulf Coast	4.013199	4.291089	4.301057	4.552511	4.44355	4.041358	4.271239	4.295254	4.516487	4.436937
Midcontinent	2.681692	2.846593	2.783398	3.016011	2.967753	2.674845	2.817574	2.775564	2.989258	2.961058
Southwest	3.909134	4.255785	4.257527	4.545202	4.652747	3.892039	4.278391	4.278428	4.541931	4.643332
Rocky Mountain	5.793048	5.995944	6.00143	6.302073	6.158206	5.860946	6.034787	6.061628	6.394973	6.212394
West Coast	0.21499	0.225679	0.241417	0.22686	0.238146	0.219239	0.224856	0.240065	0.226303	0.236696
Lower 48 Offshore										
Gulf	2.334173	2.322409	2.444076	2.36393	2.546222	2.314229	2.395959	2.470318	2.399153	2.701137
Shallow	0.629316	0.629893	0.643478	0.635667	0.64416	0.627729	0.632848	0.646507	0.63579	0.66317
Deep	1.704857	1.692515	1.800599	1.728263	1.902063	1.6865	1.763111	1.823811	1.763364	2.037967
Pacific	0.018906	0.018886	0.018889	0.018917	0.018893	0.018585	0.018569	0.018568	0.018577	0.018566
Atlantic		0	0	0	0	0	0	0	0	0
Prices										
(2009 dollars per million Btu)										
Henry Hub	6.099454	6.762774	6.619643	7.782595	7.303202	6.238142	6.800902	6.709753	7.828709	7.337235
Lower 48 Average	5.400514	5.987088	5.860523	6.888787	6.464939	5.523161	6.020803	5.940204	6.929555	6.495029
(2009 dollars per thousand cubic feet)										
Lower 48 Average	5.540927	6.142753	6.012897	7.067895	6.633027	5.666763	6.177344	6.094649	7.109724	6.6639
Lower 48 Onshore										
Northeast	5.407779	5.735951	5.753124	5.968568	5.999073	5.525202	5.8144	5.874	6.048202	6.094902
Gulf Coast	5.514705	6.262986	6.075831	7.600675	6.871388	5.640482	6.345006	6.189139	7.677276	6.954473
Midcontinent	5.5747	6.301329	6.106236	7.629017	6.894462	5.703271	6.385631	6.212668	7.685094	6.96433
Southwest	5.560285	6.214634	6.061248	7.4214	6.81231	5.700593	6.289057	6.151067	7.522126	6.904737
Rocky Mountain	5.507707	6.132634	5.992846	6.809469	6.666785	5.69404	6.249906	6.127861	6.989493	6.749092
West Coast	6.512914	6.966771	6.769867	7.642658	7.56651	6.296494	6.648238	6.54314	7.303186	7.254822
Lower 48 Offshore										
Gulf	5.780732	6.465268	6.244711	7.885418	6.852357	5.787532	6.024249	6.058182	7.408978	6.436388
Pacific	6.124774	6.733969	6.603243	7.373425	7.242967	6.28556	6.8322	6.700395	7.548429	7.342685
Atlantic	5.665514	6.349752	6.239025	7.450349	7.067337	5.804832	6.47794	6.344284	7.56968	7.163518

1/ Marketed production (wet) minus extraction losses.

-- = Not applicable.

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Sources: 2008: Minerals Management Service, and U.S. Energy Information Administration (EIA),

Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010); EIA, U.S.

Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,

DOE/EIA-0216(2009) (Washington, DC, October 2010); and EIA, Office of Integrated Analysis and

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DOE/EIA-0130(2010/07) (Washington, DC, July 2010) and EIA, OIAF. Projections: EIA,

FE2011 National Energy Modeling System.

Lower 48 Natural Gas Production and Wellhead Prices by Supply Region

Region	2028					2029				
	Reference	Ref with lo	Ref with low	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with low	Ref with high/slow	Ref with high/rapid
Dry Production (trillion cubic feet) 1/ Lower 48 Total	24.337875	25.82835	25.892578	27.240589	27.457817	24.586828	26.137228	26.165859	27.52862	27.688173
Lower 48 Onshore										
Northeast	5.178967	5.586194	5.593926	5.976983	6.012347	5.299677	5.703786	5.695789	6.096101	6.096533
Gulf Coast	4.063681	4.251845	4.283781	4.474519	4.412766	4.032532	4.202546	4.248954	4.416622	4.382229
Midcontinent	2.667707	2.79231	2.762173	2.961787	2.94626	2.620757	2.739258	2.726444	2.915534	2.91868
Southwest	3.895183	4.284603	4.293606	4.528672	4.625522	3.872701	4.266963	4.298895	4.502027	4.594872
Rocky Mountain	5.878764	6.035589	6.065101	6.434549	6.239208	5.87926	6.050643	6.072491	6.43997	6.253285
West Coast	0.219479	0.223548	0.239696	0.228754	0.232188	0.218784	0.227851	0.240339	0.23229	0.233237
Lower 48 Offshore										
Gulf	2.414666	2.63484	2.634873	2.615898	2.970105	2.640527	2.923567	2.860345	2.903398	3.186678
Shallow	0.628364	0.657279	0.668184	0.65648	0.680505	0.654388	0.675655	0.679694	0.676965	0.695823
Deep	1.786302	1.977561	1.96669	1.959418	2.2896	1.986138	2.247912	2.180651	2.226434	2.490855
Pacific	0.019427	0.019418	0.019421	0.019426	0.019421	0.022592	0.022612	0.022603	0.022677	0.022597
Atlantic		0	0	0	0	0	0	0	0	0
Prices										
(2009 dollars per million Btu)										
Henry Hub	6.309484	6.837504	6.774834	7.821945	7.381141	6.34645	6.877411	6.838983	7.806139	7.433166
Lower 48 Average	5.586251	6.053168	5.997753	6.923575	6.533849	5.61894	6.088455	6.054475	6.909602	6.579848
(2009 dollars per thousand cubic feet)										
Lower 48 Average	5.731494	6.210551	6.153694	7.103589	6.70373	5.765033	6.246755	6.211892	7.089252	6.750924
Lower 48 Onshore										
Northeast	5.631459	5.93152	5.984312	6.136492	6.182905	5.716479	6.028504	6.073083	6.190978	6.250585
Gulf Coast	5.766401	6.409456	6.280877	7.674078	6.999736	5.816702	6.409499	6.331889	7.591977	7.021132
Midcontinent	5.822123	6.44529	6.301074	7.669393	7.003644	5.874753	6.446691	6.355219	7.596911	7.03303
Southwest	5.797186	6.343377	6.22577	7.546994	6.972528	5.832358	6.360216	6.293159	7.505785	7.005716
Rocky Mountain	5.803143	6.331281	6.227674	7.12767	6.831078	5.883498	6.418142	6.32765	7.205824	6.898201
West Coast	6.163446	6.524672	6.480882	7.300136	7.175873	6.270556	6.762345	6.709026	7.486397	7.255569
Lower 48 Offshore										
Gulf	5.467412	5.713942	5.835493	6.854658	6.29841	5.25702	5.677695	5.751678	6.745903	6.372917
Pacific	5.740847	6.119722	6.031108	6.866867	6.598814	7.275981	7.893833	7.71069	9.45317	8.386767
Atlantic	5.954351	6.581928	6.461211	7.554145	7.255894	6.022382	6.630794	6.552331	7.183242	7.292298

1/ Marketed production (wet) minus extraction losses.

-- = Not applicable.

Note: Oil and Gas Supply Model regions are defined in Appendix F of the Annual Energy Outlook. Totals may not equal sum of components due to independent rounding.

Sources: 2008: Minerals Management Service, and U.S. Energy Information Administration (EIA),

Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010); EIA, U.S.

Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,

DOE/EIA-0216(2009) (Washington, DC, October 2010); and EIA, Office of Integrated Analysis and

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DOE/EIA-0130(2010/07) (Washington, DC, July 2010) and EIA, OIAF. Projections: EIA,

FE2011 National Energy Modeling System.

Lower 48 Natural Gas Production and Wellhead Prices by Supply Region

Region	2030					2031				
	Reference	Ref with lo	Ref with low	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with low	Ref with high/slow	Ref with high/rapid
Dry Production (trillion cubic feet) 1/ Lower 48 Total	24.85853	26.37486	26.39926	27.819815	27.913408	25.118893	26.548574	26.641315	28.098089	28.224497
Lower 48 Onshore										
Northeast	5.415342	5.813237	5.796175	6.231425	6.216232	5.529803	5.88212	5.898784	6.3777	6.403965
Gulf Coast	4.001583	4.172207	4.215033	4.394013	4.362517	3.983363	4.180879	4.197206	4.382774	4.383582
Midcontinent	2.589982	2.714324	2.706945	2.900918	2.911735	2.583569	2.730855	2.706342	2.90588	2.934284
Southwest	3.891122	4.258746	4.282932	4.486108	4.564614	3.923628	4.289976	4.296944	4.494737	4.583582
Rocky Mountain	5.875544	6.043569	6.086533	6.436147	6.294369	5.872794	6.030263	6.106067	6.442023	6.347942
West Coast	0.221789	0.229193	0.240284	0.232717	0.235012	0.222194	0.22495	0.23675	0.229836	0.234632
Lower 48 Offshore										
Gulf	2.839781	3.111733	3.039476	3.106809	3.296998	2.970012	3.161644	3.151218	3.21732	3.288696
Shallow	0.673013	0.688408	0.691758	0.696913	0.713524	0.69606	0.708538	0.715033	0.712351	0.725105
Deep	2.166768	2.423325	2.347718	2.409896	2.583473	2.273952	2.453106	2.436186	2.504969	2.563591
Pacific	0.023388	0.031853	0.031881	0.031678	0.031929	0.03353	0.04789	0.048006	0.047818	0.047812
Atlantic		0	0	0	0	0	0	0	0	0
Prices										
(2009 dollars per million Btu)										
Henry Hub	6.398242	6.952412	6.90987	7.82082	7.51281	6.493529	7.072799	7.020098	7.871199	7.630404
Lower 48 Average	5.664741	6.154773	6.117156	6.922582	6.650265	5.749003	6.261221	6.214622	6.967122	6.754232
(2009 dollars per thousand cubic feet)										
Lower 48 Average	5.812024	6.314797	6.276202	7.102569	6.823172	5.898477	6.424013	6.376202	7.148267	6.929842
Lower 48 Onshore										
Northeast	5.801007	6.128673	6.161839	6.272095	6.274298	5.89103	6.19286	6.25288	6.304014	6.211005
Gulf Coast	5.848711	6.41512	6.36465	7.536443	7.040557	5.907149	6.495288	6.427447	7.513638	7.141459
Midcontinent	5.903116	6.445885	6.383204	7.53994	7.056117	5.943458	6.50857	6.431374	7.509223	7.146979
Southwest	5.846808	6.379211	6.329803	7.458841	7.034836	5.867145	6.447586	6.392595	7.439387	7.130303
Rocky Mountain	5.960609	6.484562	6.42567	7.261163	6.980185	6.030865	6.538834	6.522629	7.313525	7.070133
West Coast	6.364936	6.82646	6.832896	7.551261	7.384817	6.428157	6.848149	6.976359	7.638746	7.542836
Lower 48 Offshore										
Gulf	5.290039	5.936961	5.836122	6.844338	6.707596	5.578676	6.373759	6.105397	7.187924	7.223514
Pacific	6.930917	8.305606	8.249549	9.52193	9.255486	7.844875	8.47784	8.621655	9.603519	9.390267
Atlantic	6.048244	6.639653	6.598344	7.141243	7.268634	6.078432	6.677929	6.620262	7.11042	7.255614

1/ Marketed production (wet) minus extraction losses.

-- = Not applicable.

Note: Oil and Gas Supply Model regions are defined in Appendix F of the Annual Energy Outlook. Totals may not equal sum of components due to independent rounding.

Sources: 2008: Minerals Management Service, and U.S. Energy Information Administration (EIA),

Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010); EIA, U.S.

Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,

DOE/EIA-0216(2009) (Washington, DC, October 2010); and EIA, Office of Integrated Analysis and

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DOE/EIA-0130(2010/07) (Washington, DC, July 2010) and EIA, OIAF. Projections: EIA,

FE2011 National Energy Modeling System.

Lower 48 Natural Gas Production and Wellhead Prices by Supply Region

Region	2032					2033				
	Reference	Ref with lo	Ref with low	Ref with high/slow	Ref with high/rapid	Reference	Ref with low/slow	Ref with low	Ref with high/slow	Ref with high/rapid
Dry Production (trillion cubic feet) 1/										
Lower 48 Total	25.307581	26.80798	26.92555	28.423798	28.540434	25.505468	27.060541	27.162539	28.745317	28.809793
Lower 48 Onshore										
Northeast	5.626258	6.02878	6.024702	6.566309	6.64996	5.732694	6.148586	6.200068	6.803004	6.936435
Gulf Coast	3.985935	4.190766	4.223934	4.394808	4.413603	3.999436	4.225304	4.248693	4.426939	4.459654
Midcontinent	2.570609	2.737345	2.7253	2.910871	2.950874	2.578034	2.770549	2.746666	2.927893	2.978265
Southwest	3.971859	4.31754	4.340128	4.521272	4.596587	4.018337	4.359305	4.376103	4.558266	4.63203
Rocky Mountain	5.890818	6.078517	6.170424	6.459968	6.394022	5.890041	6.122484	6.168017	6.480059	6.428512
West Coast	0.221711	0.223507	0.233985	0.227776	0.22941	0.221087	0.221096	0.228809	0.225119	0.225691
Lower 48 Offshore										
Gulf	2.991278	3.168218	3.154136	3.262287	3.225497	2.984032	3.132914	3.113052	3.237912	3.063146
Shallow	0.692481	0.708382	0.718417	0.710879	0.722937	0.692764	0.70798	0.71523	0.718275	0.727692
Deep	2.298797	2.459836	2.435718	2.551408	2.502559	2.291268	2.424933	2.397822	2.519637	2.335454
Pacific	0.049111	0.0633	0.052943	0.080507	0.080482	0.081809	0.080304	0.081129	0.086125	0.086062
Atlantic		0	0	0	0	0	0	0	0	0
Prices										
(2009 dollars per million Btu)										
Henry Hub	6.61765	7.198938	7.179927	7.894418	7.710825	6.736811	7.356314	7.301985	7.966808	7.848767
Lower 48 Average	5.858761	6.372752	6.355942	6.987648	6.825334	5.96413	6.511899	6.463863	7.051647	6.947289
(2009 dollars per thousand cubic feet)										
Lower 48 Average	6.011089	6.538444	6.521197	7.169327	7.002793	6.119198	6.681208	6.631924	7.23499	7.127919
Lower 48 Onshore										
Northeast	5.968847	6.314744	6.289879	6.223928	6.111881	6.052843	6.350482	6.220988	6.10833	6.008136
Gulf Coast	5.970304	6.572486	6.536028	7.508899	7.25545	6.058083	6.705512	6.670075	7.566858	7.425899
Midcontinent	6.00435	6.576282	6.53854	7.509493	7.262395	6.088641	6.700035	6.670007	7.568734	7.432713
Southwest	5.928596	6.539248	6.512639	7.461417	7.247805	6.027719	6.692287	6.658604	7.525032	7.429209
Rocky Mountain	6.120667	6.644052	6.673416	7.376309	7.158376	6.26861	6.825882	6.828602	7.532572	7.327657
West Coast	6.6278	7.141171	7.213927	7.763603	7.603337	6.714671	7.234903	7.311869	7.889415	7.844379
Lower 48 Offshore										
Gulf	5.963573	6.59489	6.574228	7.390355	7.493031	6.078798	6.882597	6.831219	7.769711	7.983351
Pacific	8.089632	8.757588	7.446573	9.719085	9.487302	8.268534	9.010827	8.72257	8.172253	7.862904
Atlantic	6.130865	6.757704	6.726543	7.195839	7.308118	6.218494	6.890841	6.852297	7.328207	7.415128

1/ Marketed production (wet) minus extraction losses.

-- = Not applicable.

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Natural Gas Annual 2008, DOE/EIA-0131(2008) (Washington, DC, March 2010); EIA, U.S.

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DOE/EIA-0130(2010/07) (Washington, DC, July 2010) and EIA, OIAF. Projections: EIA,

FE2011 National Energy Modeling System.

Lower 48 Natural Gas Production and Wellhead Prices by Supply Region

Region	Change Rate (2009-2035)				
	Reference	Ref with low	Ref with high/slow	Ref with high/rapid	
Dry Production (trillion cubic feet) 1/					
Lower 48 Total	0.90%	1.20%	1.20%	1.40%	1.40%
Lower 48 Onshore					
Northeast	6.40%	6.90%	6.90%	7.30%	7.30%
Gulf Coast	-0.40%	-0.10%	-0.10%	0.00%	0.10%
Midcontinent	-0.70%	-0.40%	-0.50%	-0.20%	-0.20%
Southwest	0.60%	0.90%	0.90%	1.10%	1.10%
Rocky Mountain	0.50%	0.70%	0.70%	0.90%	0.90%
West Coast	-0.80%	-0.70%	-0.60%	-0.40%	-0.40%
Lower 48 Offshore					
Gulf	0.40%	0.40%	0.30%	0.50%	0.40%
Shallow	-2.20%	-2.10%	-2.10%	-2.10%	-2.10%
Deep	1.80%	1.70%	1.70%	1.90%	1.80%
Pacific	3.50%	3.30%	3.30%	3.30%	3.30%
Atlantic	--	--	--	--	--
Prices					
(2009 dollars per million Btu)					
Henry Hub	2.30%	2.60%	2.50%	2.80%	2.80%
Lower 48 Average	2.10%	2.50%	2.40%	2.70%	2.60%
(2009 dollars per thousand cubic feet)					
Lower 48 Average	2.10%	2.50%	2.40%	2.70%	2.60%
Lower 48 Onshore					
Northeast	2.30%	2.30%	2.20%	2.00%	2.00%
Gulf Coast	1.80%	2.30%	2.30%	2.70%	2.60%
Midcontinent	2.30%	2.70%	2.60%	3.10%	3.10%
Southwest	1.90%	2.40%	2.30%	2.70%	2.70%
Rocky Mountain	2.70%	3.10%	3.10%	3.40%	3.30%
West Coast	2.40%	2.70%	2.70%	2.90%	2.80%
Lower 48 Offshore					
Gulf	1.80%	2.30%	2.20%	2.60%	2.40%
Pacific	2.90%	2.90%	1.80%	3.30%	3.30%
Atlantic	1.90%	2.30%	2.30%	2.60%	2.80%

1/ Marketed production (wet) minus extraction losses.

-- = Not applicable.

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