

Table A14. Oil and gas supply

Production and supply	Reference case							Annual growth 2010-2035 (percent)
	2009	2010	2015	2020	2025	2030	2035	
Crude oil								
Lower 48 average wellhead price¹ (2010 dollars per barrel)	103.63	80.46	117.51	124.49	130.44	135.78	137.06	2.2%
Production (million barrels per day)²								
United States total	5.36	5.47	6.26	6.73	6.42	6.37	6.12	0.4%
Lower 48 onshore	3.04	3.21	4.03	4.24	4.38	4.32	4.06	1.0%
Lower 48 offshore	1.68	1.67	1.77	2.00	1.64	1.61	1.79	0.3%
Alaska	0.65	0.60	0.46	0.49	0.40	0.44	0.27	-3.2%
Lower 48 end of year reserves² (billion barrels)	18.75	18.64	20.84	23.14	23.59	24.17	24.49	1.1%
Natural gas								
Lower 48 average wellhead price¹ (2010 dollars per million Btu)								
Henry hub spot price	4.00	4.39	4.27	4.80	5.75	6.19	7.23	2.0%
Average lower 48 wellhead price ¹	3.75	4.06	3.83	4.28	5.10	5.48	6.36	1.8%
(2010 dollars per thousand cubic feet)								
Average lower 48 wellhead price ¹	3.85	4.16	3.92	4.38	5.23	5.61	6.52	1.8%
Dry production (trillion cubic feet)³								
United States total	20.58	21.58	23.67	25.21	26.00	26.79	27.84	1.0%
Lower 48 onshore	17.50	18.66	21.24	22.29	23.35	23.98	24.86	1.2%
Associated-dissolved ⁴	1.40	1.40	1.48	1.50	1.40	1.21	1.07	-1.1%
Non-associated	16.10	17.26	19.76	20.78	21.95	22.77	23.79	1.3%
Tight gas	6.40	5.68	6.00	6.05	6.07	5.93	5.98	0.2%
Shale gas	2.91	4.99	8.09	9.47	11.03	12.34	13.56	4.1%
Coalbed methane	1.99	1.99	1.85	1.87	1.83	1.80	1.82	-0.4%
Other	4.80	4.59	3.82	3.40	3.02	2.70	2.44	-2.5%
Lower 48 offshore	2.70	2.56	2.13	2.65	2.39	2.56	2.75	0.3%
Associated-dissolved ⁴	0.70	0.71	0.63	0.85	0.73	0.72	0.78	0.4%
Non-associated	2.00	1.85	1.50	1.80	1.67	1.85	1.97	0.2%
Alaska	0.37	0.36	0.29	0.27	0.25	0.25	0.23	-1.7%
Lower 48 end of year dry reserves³ (trillion cubic feet)	263.40	260.72	275.39	289.46	297.80	306.40	311.87	0.7%
Supplemental gas supplies (trillion cubic feet)⁵	0.07	0.07	0.06	0.06	0.06	0.06	0.06	-0.2%
Total lower 48 wells drilled (thousands)	34.31	43.19	48.36	53.61	59.39	58.60	62.35	1.5%

¹Represents lower 48 onshore and offshore supplies.

²Includes lease condensate.

³Marketed production (wet) minus extraction losses.

⁴Gas which occurs in crude oil reservoirs either as free gas (associated) or as gas in solution with crude oil (dissolved).

⁵Synthetic natural gas, propane air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

Note: Totals may not equal sum of components due to independent rounding. Data for 2009 and 2010 are model results and may differ slightly from official EIA data reports.

Sources: 2009 and 2010 crude oil lower 48 average wellhead price: U.S. Energy Information Administration (EIA), *Petroleum Marketing Annual 2009*, DOE/EIA-0487(2009) (Washington, DC, August 2010). 2009 and 2010 lower 48 onshore, lower 48 offshore, and Alaska crude oil production: EIA, *Petroleum Supply Annual 2010*, DOE/EIA-0340(2010)/1 (Washington, DC, July 2011). 2009 U.S. crude oil and natural gas reserves: EIA, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves*, DOE/EIA-0216(2009) (Washington, DC, November 2010). 2009 Alaska and total natural gas production, and supplemental gas supplies: EIA, *Natural Gas Annual 2009*, DOE/EIA-0131(2009) (Washington, DC, December 2010). 2009 natural gas lower 48 average wellhead price: U.S. Department of the Interior, Office of Natural Resources Revenue; and EIA, *Natural Gas Annual 2009*, DOE/EIA-0131(2009) (Washington, DC, December 2010). 2010 natural gas lower 48 average wellhead price, Alaska and total natural gas production, and supplemental gas supplies: EIA, *Natural Gas Monthly*, DOE/EIA-0130(2011/07) (Washington, DC, July 2011). Other 2009 and 2010 values: EIA, Office of Energy Analysis. Projections: EIA, AEO2012 National Energy Modeling System run REF2012.D121011B.