

# UNITED STATES PETROLEUM STATISTICS

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INDEPENDENT PETROLEUM  
ASSOCIATION OF AMERICA

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## 1. EXPLORATION ACTIVITY

Year	Horizontal Rig Share* (%)	Exploratory Wells Drilled					Total New-Field Wildcat Wells
		Oil	Gas	Dry	Total	Success %	
1994	6	579	740	2,465	3,784	34.9	1,618
1995	7	570	558	2,024	3,152	35.8	1,605
1996	7	489	576	1,956	3,021	35.3	1,676
1997	7	491	562	2,113	3,166	33.3	1,757
1998	6	327	566	1,590	2,483	36.0	1,478
1999	6	197	570	1,157	1,924	39.9	1,244
2000	6	288	657	1,341	2,286	41.3	1,511
2001	7	357	1,052	1,733	3,142	44.8	1,786
2002	7	258	844	1,282	2,384	46.2	1,455
2003	8	350	997	1,297	2,644	50.9	1,738
2004	10	383	1,671	1,350	3,404	60.3	2,015
2005	13	539	2,141	1,462	4,142	64.7	2,216
2006	17	646	2,456	1,547	4,649	66.7	2,502
2007	22	808	2,794	1,582	5,184	69.5	2,527
2008	29	897	2,345	1,715	4,957	65.4	2,386
2009	42	605	1,206	1,055	2,866	63.2	1,378
2010	53	669	1,105	1,066	2,840	62.5	1,417
2011	57	883	785	941	2,609	63.9	1,303
2012	60	1,154	481	1,031	2,666	61.3	1,464
2013	63	936	277	984	2,197	55.2	1,274

\*Based on year rotary rig data (does not include directional)

## 2. DRILLING

Year	Rotary Rigs Active	Total Well Completions				Total Excl. Service	Total Footage Drilled (Mill. Ft.)
		Oil	Gas	Dry	Total		
1994	775	7,001	9,739	5,515	22,255	129.1	
1995	723	8,248	8,082	4,814	21,144	117.2	
1996	779	8,836	9,027	4,890	22,753	126.4	
1997	943	11,206	11,498	5,874	28,578	161.2	
1998	827	7,682	11,639	4,761	24,082	137.2	
1999	625	4,805	12,027	3,550	20,382	102.9	
2000	918	8,090	17,051	4,146	29,287	144.4	
2001	1,156	8,888	22,072	4,598	35,558	180.1	
2002	830	6,775	17,342	3,754	27,871	145.2	
2003	1,032	8,129	20,722	3,982	32,833	177.2	
2004	1,192	8,789	24,186	4,082	37,057	204.3	
2005	1,381	10,779	28,590	4,653	44,022	240.3	
2006	1,649	13,385	32,838	5,206	51,429	282.7	
2007	1,769	13,371	32,719	4,981	51,071	301.5	
2008	1,880	16,633	32,246	5,423	54,302	334.1	
2009	1,086	11,190	18,088	3,525	32,803	231.6	
2010	1,541	15,753	16,696	4,162	36,611	239.2	
2011	1,875	19,468	13,220	4,081	36,769	280.0	
2012	1,919	26,713	10,256	4,462	41,431	343.9	
2013	1,761	25,632	7,514	3,805	36,951	325.9	

### 3. FIRMS & PRODUCING WELLS

Year	Upstream Firm Count*	Crude Oil		Natural Gas		Total Producing Wells
		Producing Wells	% of Total	Producing Wells	% of Total	
1994	N/A	581,657	66.6	291,773	33.4	873,430
1995	N/A	574,483	65.8	298,541	34.2	873,024
1996	N/A	574,419	65.6	301,811	34.4	876,230
1997	N/A	573,070	64.8	310,971	35.2	884,041
1998	15,086	562,148	63.9	316,929	36.1	879,077
1999	14,208	545,957	64.4	302,421	35.6	848,378
2000	14,217	533,550	61.0	341,678	39.0	875,228
2001	14,735	529,648	59.1	366,849	40.9	896,497
2002	14,277	528,793	58.7	371,862	41.3	900,655
2003	13,951	512,988	57.7	376,036	42.3	889,024
2004	14,401	509,797	56.3	395,023	43.7	904,820
2005	15,151	498,454	55.6	398,175	44.4	896,629
2006	16,353	497,403	54.6	413,247	45.4	910,650
2007	16,720	500,085	53.6	433,475	46.4	933,560
2008	17,245	526,004	54.8	433,928	45.2	959,932
2009	16,911	526,114	51.8	490,142	48.2	1,016,256
2010	17,034	519,569	51.3	493,534	48.7	1,013,103
2011	17,721	546,083	53.1	482,404	46.9	1,028,487
2012	N/A	560,308	53.7	482,782	46.3	1,043,090
2013	N/A	579,420	54.3	487,323	45.7	1,066,743

\* Includes extraction, drilling, support activities and geophysical activity

### 4. MARGINAL WELLS

Year	No. Oil Wells	Oil Production (Thous. b/d)	Percent of U.S. Oil Wells	No. Natural Gas Wells	Natural Gas Production (Mmcf/d)	Percent of U.S. Gas Wells
1994	405,503	406,790	69.7	180,924	1,443,255	20.7
1995	393,555	397,166	68.5	155,409	1,275,603	17.8
1996	385,586	392,616	67.1	158,440	1,308,337	18.1
1997	380,143	391,023	66.3	170,519	1,394,886	19.3
1998	370,838	372,603	66.0	183,230	1,563,160	20.8
1999	361,167	358,035	66.2	218,655	1,742,725	25.8
2000	364,367	368,689	68.3	223,684	1,818,289	25.6
2001	370,521	367,896	70.0	239,012	1,987,567	26.7
2002	363,097	359,840	68.7	248,539	2,100,030	27.6
2003	355,547	356,488	69.3	259,418	2,236,309	29.2
2004	354,657	354,526	69.6	273,919	2,395,867	30.3
2005	356,620	355,947	71.5	295,948	2,565,269	33.0
2006	362,893	362,053	73.0	313,999	2,731,839	34.5
2007	361,810	365,789	72.3	326,667	2,849,217	35.0
2008	365,483	365,056	69.5	357,204	3,057,656	37.2
2009	359,636	357,964	68.4	344,991	3,000,779	33.9
2010	370,462	363,030	71.3	376,257	3,088,740	37.1
2011	376,864	368,271	69.0	358,084	2,989,935	34.8
2012	390,703	386,089	69.7	366,837	2,956,697	35.2
2013	N/A	N/A	N/A	N/A	N/A	N/A

## 5. NEW RESERVES ADDED

Year	Liquid Hydrocarbons (Mill. Bbls.)			Natural Gas (Tcf)	Crude Oil Reserves Per New Oil Well (Bbls.)	Nat. Gas Reserves Per New Gas Well (MMcf)
	Crude Oil	NGL	Total			
1994	1,768	739	2,507	19.7	252,535	2,023
1995	2,107	1,020	3,127	19.3	255,456	2,385
1996	1,839	1,274	3,113	20.1	208,126	2,227
1997	2,667	1,013	3,680	19.9	237,998	1,731
1998	479	384	863	15.5	62,354	1,332
1999	2,683	1,278	3,961	22.3	558,377	1,853
2000	2,160	1,361	3,240	29.2	266,996	1,715
2001	2,316	538	2,854	25.8	260,576	1,169
2002	2,106	885	2,991	22.8	310,849	1,317
2003	1,091	267	1,358	21.5	134,211	1,039
2004	1,299	1,296	2,595	22.6	147,798	936
2005	2,119	1,025	3,144	30.6	196,586	1,070
2006	867	1,118	1,985	25.3	64,774	769
2007	2,036	1,502	3,538	46.1	152,270	1,409
2008	(524)	972	448	27.5	(31,504)	851
2009	3,312	1,429	3,434	27.9	295,979	1,540
2010	4,352	1,997	6,349	54.4	276,265	3,256
2011	5,111	1,800	6,911	53.0	262,533	4,009
2012	6,839*	N/A	N/A	(26.1)	256,018	(2,549)
2013	N/A	N/A	N/A	N/A	N/A	N/A

\*Includes lease condensate . NGL reserves no longer provided post-2011. Wet Gas (vs. Dry) used in 2012.

## 6. PROVED RESERVES

As of Dec. 31st	Liquid Hydrocarbons (Mill. Bbls.)			Natural Gas (Tcf)	Reserve/Production Ratio		
	Crude Oil	NGL	Total Liquid		Crude Oil	Total Liquid	Natural Gas
1994	22,457	7,170	29,627	163.8	9.2	11.4	8.7
1995	22,351	7,399	29,750	165.1	9.3	11.5	8.9
1996	22,017	7,823	29,840	166.4	9.3	11.7	8.8
1997	22,546	7,973	30,519	167.2	9.6	12.0	8.8
1998	21,034	7,524	28,558	164.0	9.2	11.7	8.6
1999	21,765	7,906	29,671	167.4	10.1	11.7	8.9
2000	22,045	8,345	30,390	177.4	10.3	11.9	9.2
2001	22,446	7,993	30,439	183.5	10.6	11.7	9.4
2002	22,677	7,994	30,671	186.9	10.8	11.6	9.9
2003	21,891	7,459	29,350	189.0	10.6	11.9	9.9
2004	21,371	7,928	29,299	192.5	10.8	12.0	10.4
2005	21,757	8,165	29,922	204.4	11.5	13.0	11.3
2006	20,972	8,472	29,444	211.1	11.3	13.3	11.4
2007	21,317	9,143	30,460	237.7	11.5	14.0	12.3
2008	19,121	9,275	28,396	244.7	10.6	14.2	12.1
2009	20,682	8,557	29,239	272.5	10.6	12.3	13.2
2010	23,267	9,809	33,076	304.6	11.7	13.0	14.3
2011	26,544	10,825	37,369	334.1	12.9	13.4	14.6
2012	33,403*	N/A	N/A	322.7	14.1	N/A	13.4
2013	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*Includes lease condensate . NGL reserves no longer provided post-2011. Wet Gas (vs. Dry) used in 2012.

## 7. PETROLEUM PRODUCTION

Year	Crude Oil	NGL	Total Production	Average Crude Oil Per Well	% of U.S. Energy Production		
					Petroleum	Natural Gas	Total
	(Thous. b/d)			(b/d)			
1994	6,662	1,727	8,389	11.5	19.9	30.7	50.7
1995	6,560	1,762	8,322	11.4	19.5	30.2	49.8
1996	6,465	1,830	8,295	11.3	18.9	30.2	49.1
1997	6,452	1,817	8,269	11.3	18.8	30.2	49.0
1998	6,252	1,759	8,011	11.1	18.2	30.2	48.4
1999	5,881	1,850	7,731	10.8	17.4	30.5	47.8
2000	5,822	1,911	7,733	10.9	17.3	31.2	48.5
2001	5,801	1,868	7,670	11.0	17.1	31.7	48.8
2002	5,744	1,880	7,624	10.9	17.2	31.0	48.2
2003	5,649	1,719	7,368	11.0	17.1	31.4	48.5
2004	5,441	1,809	7,250	10.7	16.4	30.7	47.1
2005	5,181	1,717	6,898	10.4	15.8	30.1	45.9
2006	5,088	1,739	6,827	10.2	15.2	30.2	45.4
2007	5,077	1,783	6,860	10.2	15.0	31.1	46.1
2008	5,000	1,784	6,784	9.5	14.5	31.6	46.1
2009	5,353	1,910	7,263	10.2	15.6	32.6	48.2
2010	5,471	2,074	7,545	10.5	15.5	32.9	48.4
2011	5,652	2,216	7,868	10.4	15.3	33.8	49.2
2012	6,495	2,408	8,903	11.6	17.4	35.2	52.6
2013	7,451	2,556	10,007	12.9	19.3	34.7	54.0

## 8. PETROLEUM CONSUMPTION

Year	Petroleum Demand (Thous. b/d)			% of U.S. Energy Consumption		Energy/GDP Ratio
	Domestic	Export	Total	Petroleum	Natural Gas	(Thous. Btu Per 2009\$)
1994	17,718	942	18,660	38.8	24.4	9.0
1995	17,725	949	18,674	37.8	24.9	8.9
1996	18,309	981	19,290	37.9	24.6	8.9
1997	18,620	1,003	19,623	38.2	24.5	8.6
1998	18,917	945	19,862	38.7	24.1	8.2
1999	19,519	940	20,459	39.1	23.7	8.0
2000	19,701	1,040	20,741	38.7	24.1	7.9
2001	19,649	971	20,620	39.7	23.7	7.6
2002	19,761	984	20,745	39.1	24.1	7.6
2003	20,034	1,027	21,061	39.6	23.3	7.4
2004	20,731	1,048	21,779	40.2	22.9	7.3
2005	20,802	1,165	21,967	40.3	22.5	7.0
2006	20,687	1,317	22,004	40.1	22.3	6.8
2007	20,680	1,433	22,113	39.3	23.4	6.8
2008	19,498	1,802	21,300	37.5	24.0	6.7
2009	18,771	2,024	20,795	37.4	24.8	6.6
2010	19,180	2,353	21,533	36.7	25.1	6.6
2011	18,882	2,986	21,868	36.3	25.6	6.5
2012	18,490	3,205	21,695	36.4	27.5	6.2
2013	18,887	3,594	22,481	36.0	27.3	6.2

## 9. PETROLEUM SUPPLY

Year	Imports			Other Supply	Total Supply	Imports as % of Demand
	Crude Oil	Refined Products	Total (excl. SPR)			
	(Thous. b/d)					
1994	7,063	1,933	8,996	1,275	18,660	50.8
1995	7,230	1,605	8,835	1,517	18,674	49.8
1996	7,508	1,970	9,478	1,517	19,290	51.8
1997	8,225	1,937	10,162	1,192	19,623	54.6
1998	8,706	2,002	10,708	1,143	19,862	56.6
1999	8,731	2,121	10,852	1,876	20,459	55.6
2000	9,071	2,388	11,459	1,549	20,741	58.2
2001	9,328	2,543	11,871	1,079	20,620	60.4
2002	9,140	2,390	11,530	1,591	20,745	58.3
2003	9,665	2,599	12,264	1,429	21,061	61.2
2004	10,088	3,057	13,145	1,384	21,779	63.0
2005	10,126	3,588	13,714	1,355	21,967	65.9
2006	10,118	3,589	13,707	1,470	22,004	66.3
2007	10,031	3,437	13,468	1,785	22,113	65.1
2008	9,783	3,132	12,915	1,601	21,300	66.2
2009	9,013	2,678	11,691	1,841	20,795	62.3
2010	9,213	2,580	11,793	2,195	21,533	61.5
2011	8,935	2,501	11,436	2,564	21,868	60.6
2012	8,527	2,071	10,598	2,203	21,695	57.3
2013	7,719	2,075	9,794	2,688	22,481	51.9

## 10. PETROLEUM IMPORTS BY ORIGIN

Year	OPEC Sources		Arab OPEC & Iran		Persian Gulf		Total
	Thous. b/d	% Total Imports	Thous. b/d	% Total Imports	Thous. b/d	% Total Imports	Thous. b/d (incl. SPR)
1994	4,247	47.2	1,970	21.9	1,728	19.2	8,996
1995	4,231	47.9	1,806	20.4	1,573	17.8	8,835
1996	4,211	44.4	1,859	19.6	1,604	16.9	9,478
1997	4,569	45.0	2,040	20.1	1,755	17.3	10,162
1998	4,905	45.8	2,425	22.6	2,136	19.9	10,708
1999	4,953	45.6	2,722	25.1	2,464	22.7	10,852
2000	5,203	45.4	2,713	23.7	2,488	21.7	11,459
2001	5,528	46.6	3,038	25.6	2,761	23.3	11,871
2002	4,605	39.9	2,533	22.0	2,269	19.7	11,530
2003	5,162	42.1	2,881	23.5	2,501	20.4	12,264
2004	5,701	43.4	2,961	22.5	2,493	19.0	13,145
2005	5,587	40.7	2,867	20.9	2,334	17.0	13,714
2006	5,517	40.2	2,956	21.6	2,211	16.1	13,707
2007	5,980	44.4	2,949	21.9	2,163	16.1	13,468
2008	5,954	46.1	3,021	23.4	2,370	18.4	12,915
2009	4,776	40.9	2,258	19.3	1,689	14.4	11,691
2010	4,906	41.6	2,291	19.4	1,711	14.5	11,793
2011	4,555	39.8	2,234	19.5	1,861	16.3	11,436
2012	4,271	40.3	2,457	23.2	2,156	20.3	10,598
2013	3,707	37.8	2,181	22.3	2,008	20.5	9,794

## 11. NATURAL GAS

Year	Marketed Production (Wet)	Dry Gas Production	Imports	Exports	Total Supply	Consumption
	(Bcf)					
1994	19,710	18,821	2,624	162	24,205	21,247
1995	19,506	18,599	2,841	154	24,927	22,207
1996	19,812	18,854	2,937	153	25,668	22,609
1997	19,866	18,902	2,994	157	25,694	22,737
1998	19,961	19,024	3,152	159	25,310	22,246
1999	19,805	18,832	3,586	163	25,166	22,405
2000	20,198	19,182	3,782	244	26,261	23,333
2001	20,570	19,616	3,977	373	26,076	22,239
2002	19,885	18,928	4,015	516	26,193	23,007
2003	19,974	19,099	3,944	680	26,249	22,277
2004	19,517	18,591	4,259	854	26,407	22,403
2005	18,927	18,051	4,341	729	25,745	22,014
2006	19,410	18,504	4,186	724	25,347	21,699
2007	20,196	19,266	4,608	822	27,059	23,104
2008	21,112	20,159	3,984	963	27,580	23,277
2009	21,648	20,624	3,751	1,072	27,297	22,910
2010	22,382	21,316	3,741	1,137	28,515	24,087
2011	24,036	22,902	3,469	1,506	29,405	24,477
2012	25,308	24,058	3,138	1,619	29,977	25,533
2013	25,616	24,282	2,883	1,572	30,760	26,037

## 12. NATURAL GAS PRICES

Year	Wellhead		City Gate	End Use			
	Current \$	Constant 2009\$		Residential	Commercial	Industrial	Utilities
	(\$/Mcf)						
1994	1.85	2.51	3.07	6.41	5.44	3.05	2.28
1995	1.55	2.06	2.78	6.06	5.05	2.71	2.02
1996	2.17	2.83	3.27	6.34	5.40	3.42	2.69
1997	2.32	2.97	3.66	6.94	5.80	3.59	2.78
1998	1.96	2.49	3.07	6.82	5.48	3.14	2.40
1999	2.19	2.74	3.10	6.69	5.33	3.12	2.62
2000	3.68	4.49	4.62	7.76	6.59	4.45	4.38
2001	4.00	4.78	5.72	9.63	8.43	5.24	4.61
2002	2.95	3.47	4.12	7.89	6.63	4.02	3.68
2003	4.88	5.63	5.85	9.63	8.40	5.89	5.57
2004	5.46	6.13	6.65	10.75	9.43	6.53	6.11
2005	7.33	7.97	8.67	12.70	11.34	8.56	8.47
2006	6.39	6.74	8.61	13.73	12.00	7.87	7.11
2007	6.25	6.42	8.16	13.08	11.34	7.68	7.31
2008	7.97	8.03	9.18	13.89	12.23	9.65	9.26
2009	3.67	3.67	6.48	12.14	10.06	5.33	4.93
2010	4.48	4.43	6.18	11.39	9.47	5.49	5.27
2011	3.95	3.82	5.63	11.03	8.91	5.13	4.89
2012	2.66	2.53	4.73	10.71	8.10	3.89	3.54
2013	N/A	N/A	4.88	10.33	8.13	4.66	4.48



## 13. OIL & COMPOSITE PRICES

Year	Crude Wellhead		Refiner Acquisition Cost			Oil/Gas Composite	
	Current \$	Constant 2009\$	U.S.	Import	Compos-ite	Current \$	Constant 2009\$
	(\$/Bbl.)						
1994	13.19	17.88	15.67	15.51	15.59	11.27	15.27
1995	14.62	19.41	17.33	17.14	17.23	10.86	14.42
1996	18.46	24.07	20.77	20.64	20.71	14.36	18.73
1997	17.23	22.09	19.61	18.53	19.04	14.36	18.41
1998	10.87	13.78	13.18	12.04	12.52	10.69	13.56
1999	15.56	19.44	17.90	17.26	17.51	13.20	16.49
2000	26.72	32.63	29.11	27.70	28.26	22.36	27.30
2001	21.84	26.08	24.33	22.00	22.95	21.69	25.89
2002	22.51	26.47	24.65	23.71	24.10	18.32	21.54
2003	27.56	31.78	29.82	27.71	28.53	26.78	30.88
2004	36.77	41.26	38.97	35.90	36.98	32.07	35.99
2005	50.28	54.66	52.94	48.86	50.24	43.33	47.11
2006	59.69	62.96	62.62	59.02	60.24	43.09	45.44
2007	66.52	68.34	69.65	67.04	67.94	44.61	45.83
2008	94.04	94.75	98.47	92.77	94.74	59.30	59.75
2009	56.35	56.35	59.49	59.17	59.29	31.79	31.79
2010	74.71	73.81	78.01	75.86	76.69	40.62	40.13
2011	95.73	92.67	100.71	102.63	101.87	44.89	43.46
2012	94.52	89.88	100.72	101.09	100.93	41.29	39.26
2013	95.99	89.94	102.91	98.11	100.49	51.73*	48.47*

\* CityGate price used in 2013 for natural gas

## 14. PETROLEUM PRODUCT PRICES

Year	Wholesale Prices					Retail Gasoline		
	Gasoline	Kerosene	Distillate (#2)	Resid. Fuel	Average 4 Products	Excl. Taxes	Incl. Taxes	
	(\$/Gal.)					(\$/Bbl.)	(\$/Gal.)	
1994	0.60	0.53	0.52	0.32	0.49	20.66	0.74	1.11
1995	0.63	0.54	0.53	0.36	0.51	21.61	0.77	1.14
1996	0.71	0.65	0.65	0.42	0.61	25.54	0.85	1.23
1997	0.70	0.61	0.60	0.39	0.58	24.18	0.84	1.22
1998	0.53	0.45	0.44	0.28	0.42	17.80	0.67	1.06
1999	0.65	0.53	0.54	0.35	0.52	21.71	0.78	1.17
2000	0.96	0.88	0.90	0.57	0.83	34.72	1.11	1.51
2001	0.89	0.76	0.78	0.48	0.73	30.54	1.03	1.46
2002	0.83	0.72	0.72	0.53	0.70	29.38	0.95	1.36
2003	1.00	0.87	0.88	0.66	0.85	35.88	1.16	1.59
2004	1.29	1.21	1.19	0.68	1.09	45.82	1.44	1.88
2005	1.67	1.72	1.74	0.97	1.53	64.06	1.83	2.30
2006	1.97	1.96	2.01	1.14	1.77	74.32	2.13	2.59
2007	2.18	2.17	2.20	1.35	1.98	83.01	2.35	2.80
2008	2.59	3.02	2.99	1.87	2.62	109.89	2.78	3.27
2009	1.77	1.72	1.71	1.34	1.64	68.68	1.89	2.35
2010	2.17	2.19	2.21	1.70	2.07	86.74	2.30	2.79
2011	2.87	3.01	3.03	2.34	2.81	118.14	3.05	3.53
2012	2.93	3.08	3.11	2.46	2.89	121.54	3.15	3.64
2013	2.81	2.95	3.03	2.28	2.77	116.21	3.05	3.53

## 15. WELLHEAD REVENUES & TAXES

Year	Wellhead Revenues (Mill. \$)					Severance and Production Taxes Paid (Mill. \$)
	Crude Oil	% of Total	Natural Gas	% of Total	Total	
1994	32,073	46.8	36,464	53.2	68,537	3,383
1995	35,006	53.7	30,234	46.3	65,240	3,432
1996	43,680	50.4	42,992	49.6	86,672	3,392
1997	40,576	46.8	46,089	53.2	86,665	3,782
1998	24,805	38.8	39,124	61.2	63,929	2,949
1999	33,401	43.5	43,373	56.5	76,774	2,558
2000	56,936	43.4	74,329	56.6	131,265	4,210
2001	46,243	36.0	82,280	64.0	128,523	5,549
2002	47,194	44.6	58,661	55.4	105,854	3,863
2003	56,826	36.8	97,473	63.2	154,299	5,372
2004	73,224	40.7	106,563	59.3	179,787	6,117
2005	95,083	40.7	138,735	59.3	233,818	7,788
2006	110,851	47.2	124,030	52.8	234,881	9,852
2007	123,269	49.4	126,225	50.6	249,494	10,110
2008	172,093	50.6	168,263	49.4	340,356	18,105
2009	110,099	58.1	79,448	41.9	189,547	11,525
2010	149,190	59.8	100,271	40.2	249,461	10,580
2011	197,489	67.5	94,942	32.5	292,431	13,513
2012	224,076	76.9	67,319	23.1	291,395	16,449
2013	261,056	N/A	N/A*	N/A	N/A	N/A

\* Wellhead natural gas price no longer available

## 16. TRADE & FINANCIAL STATISTICS

Year	Energy Trade Balance & Royalties		Public Co. Capital & Exploration Spending (Mill. \$)			Wages (\$/Hour)	
	Trade (billions)	Royalties (billions)	Majors	Non-Majors	Total	Oil & Gas	All Mfg.
1994	(47,480)	2,949	30,745	19,130	49,875	14.81	12.04
1995	(48,751)	2,639	34,226	19,627	53,853	15.53	12.34
1996	(65,905)	3,723	38,768	22,773	61,541	16.04	12.75
1997	(65,595)	4,264	38,355	33,574	71,929	17.29	13.14
1998	(47,072)	3,364	39,992	29,299	69,291	18.51	13.45
1999	(65,923)	3,278	31,668	18,612	50,280	19.14	13.85
2000	(122,188)	5,245	34,884	25,082	59,966	19.43	14.32
2001	(109,429)	7,721	27,944	41,664	69,608	19.97	14.76
2002	(104,207)	4,621	25,985	31,834	57,819	19.27	15.29
2003	(139,530)	5,971	24,653	31,103	55,756	18.95	15.74
2004	(188,018)	6,548	27,792	39,596	67,388	18.58	16.14
2005	(263,235)	8,031	34,160	51,786	85,946	19.34	16.56
2006	(297,789)	10,029	49,264	67,687	116,951	21.39	16.81
2007	(323,262)	9,414	49,322	76,744	126,066	24.20	17.26
2008	(415,810)	12,594	59,534	103,258	162,792	27.28	17.75
2009	(217,203)	6,834	55,216	67,391	122,607	27.60	18.24
2010	(274,357)	6,596	58,388	81,234	139,622	27.36	18.61
2011	(324,850)	9,413	72,822	107,616	180,438	27.27	18.93
2012	(287,828)	9,054	67,049	139,518	206,567	28.52	19.08
2013	(232,077)	9,678	N/A	N/A	N/A	30.26	19.30

## 17. LEASE STATISTICS & E&P INDICES

Year	Onshore Lease Statistics			Producer Price Index	Crude Price Index	Oil Machinery Index
	New BLM Leases Issued	Federal Acres Producing	Federal APDs Approved			
1994	4,159	10,584,811	2,113	125.5	47.1	110.8
1995	4,528	10,698,690	1,870	127.9	51.1	114.1
1996	3,375	10,514,920	1,959	131.3	62.6	117.8
1997	4,182	10,482,046	2,580	131.8	57.5	122.8
1998	4,105	10,796,550	2,171	130.7	35.7	125.9
1999	3,075	10,718,687	1,639	133.0	50.3	126.5
2000	2,900	10,758,751	3,066	138.0	85.2	128.2
2001	3,289	11,421,865	3,439	140.7	69.2	134.3
2002	2,384	11,413,541	3,372	138.9	67.9	135.8
2003	2,022	11,537,130	3,802	143.3	83.0	139.6
2004	2,699	11,671,414	6,052	148.5	108.2	143.6
2005	3,514	12,529,618	4,579	155.8	150.1	155.9
2006	3,746	12,267,612	6,738	160.4	176.0	171.0
2007	3,499	11,629,625	7,124	166.6	192.6	184.4
2008	2,416	14,543,425	6,617	177.3	275.7	199.8
2009	2,072	12,842,209	4,487	172.6	161.7	202.7
2010	1,308	12,205,416	4,090	179.8	218.6	200.7
2011	2,188	12,316,233	4,244	190.5	275.5	205.0
2012	1,729	12,512,974	4,256	194.2	273.6	210.7
2013	1,468	12,617,743	3,770	196.6	281.2	213.1

## 18. OIL & GAS EMPLOYMENT

Year	Extraction	Refining	Transportation	Wholesale	Retail	Total Industry
	(Thous.)					
1994	262.1	144.0	274.9	292.2	902.3	1,875.5
1995	248.3	140.4	267.6	293.4	922.3	1,872.0
1996	247.5	137.3	260.0	291.2	946.4	1,882.4
1997	256.4	136.0	255.5	295.3	956.2	1,899.4
1998	255.2	134.5	252.9	295.9	961.3	1,899.8
1999	226.8	127.8	245.5	287.3	943.5	1,830.9
2000	232.8	123.1	238.9	281.0	935.7	1,811.5
2001	322.4	121.0	248.9	265.6	920.3	1,878.1
2002	303.2	118.7	242.6	256.7	896.1	1,817.3
2003	306.0	115.5	234.8	249.4	880.2	1,785.9
2004	320.8	112.3	227.1	240.8	874.1	1,775.1
2005	353.7	112.2	226.9	239.2	866.1	1,798.2
2006	403.4	113.1	238.9	244.1	862.1	1,861.6
2007	446.5	115.2	253.3	248.7	861.9	1,925.6
2008	495.4	116.2	269.2	248.4	845.0	1,974.2
2009	438.1	114.5	257.6	238.9	824.3	1,873.4
2010	450.4	111.0	250.6	233.5	819.7	1,865.2
2011	516.4	110.9	264.9	239.7	825.2	1,957.2
2012	580.5	111.4	284.6	246.7	842.9	2,066.1
2013	604.8	111.9	293.4	250.3	862.3	2,122.6

## 19. GENERAL ECONOMIC DATA

Year	Cost of Oil Imports	Gross Domestic Product			Consumer Price Index	Industrial Production Index
		Current \$	Constant 2009\$	Price Deflator		
	(Bill. \$)			2009=100	1982-84=100	2007=100
1994	50.8	7,308.8	9,905.4	73.8	148.2	68.5
1995	54.4	7,664.1	10,174.8	75.3	152.4	71.8
1996	72.0	8,100.2	10,561.0	76.7	156.9	74.9
1997	71.2	8,608.5	11,034.9	78.0	160.5	80.4
1998	50.3	9,089.2	11,525.9	78.9	163.0	85.0
1999	67.2	9,660.6	12,965.9	80.1	166.6	88.7
2000	119.3	10,284.8	12,559.7	81.9	172.2	92.2
2001	102.7	10,621.8	12,682.2	83.8	177.1	89.1
2002	102.7	10,977.5	12,908.8	85.0	179.9	89.3
2003	132.4	11,510.7	13,271.1	86.7	184.0	90.3
2004	179.3	12,274.9	13,773.5	89.1	188.9	92.5
2005	250.1	13,093.7	14,234.2	92.0	195.3	95.5
2006	299.7	13,855.9	14,613.8	94.8	201.6	97.6
2007	327.6	14,477.6	14,873.7	97.3	207.3	100.0
2008	449.8	14,718.6	14,830.4	99.3	215.3	96.6
2009	251.8	14,418.7	14,418.7	100.0	214.5	85.7
2010	333.5	14,964.4	14,783.8	101.2	218.1	90.6
2011	431.9	15,517.9	15,020.6	103.3	224.9	93.6
2012	408.5	16,163.2	15,369.2	105.2	229.6	97.1
2013	363.2	16,768.1	15,710.3	106.7	233.0	99.9

## PEAK YEAR MILESTONES

Upstream Firm Count	2011	17,721	(from 1998)
Horizontal Rig Share	2013	63%	
Rotary Rigs Active	1981	3,970	
Exploratory Wells Drilled	1981	17,573	
Oil Wells Drilled	1981	43,887	
Gas Wells Drilled	2006	32,838	
Dry Holes Drilled	1981	27,953	
Total Wells Drilled	1981	92,090	
Producing Oil Wells	1985	646,626	
Producing Gas Wells	2010	493,534	
New BLM Leases Issued	1988	9,234	(from 1988)
Crude Oil Production	1970	9,637	Thous. b/d
Oil and Gas Mineral Revenues	2008	12.594	Billion \$
Petroleum Imports	2005	13,714	Thous. b/d
Petroleum Demand	2005	20,802	Thous. b/d
Natural Gas Production	2013	25,616	Bcf*
Natural Gas Consumption	2013	26,037	Bcf*
Natural Gas Exports	2012	1,619	Bcf
Oil Wellhead Price	2013	\$95.99	per Bbl.
Gas Wellhead Price	2008	\$7.97	per Mcf
Total Industry Employment	2013	2.1	Mill.

\*based on preliminary estimated data

## SOURCES:

1. Upstream Firms: U.S. Census - Statistics of U.S. Businesses (includes Oil & Gas Extraction, Drilling, Support Activities & Geophysical Surveying); Wells: IHS & EIA
2. Rotary Rigs: Baker Hughes; Wells & Footage: IHS & EIA
3. Horizontal Rig Percentage: Baker Hughes Rotary Rig Data; Producing Wells: EIA & *World Oil*
4. Marginal Wells: IHS
- 5.-6. EIA
- 7.-13. EIA & IPAA
14. Wholesale & Retail Prices: EIA
15. Wellhead Value: EIA; Severance Taxes: IPAA Survey
16. Energy Trade Balance - EIA; Mineral Revenues: Office of Natural Resources Revenue; Spending: *Oil & Gas Journal*
17. Onshore Lease Statistics: Department of Interior, Bureau of Land Management; Other Indices: Dept. of Commerce
18. Bureau of Labor Statistics (BLS) data from NAIC codes post-2001. Refining includes lubricants, greases, etc. Transportation includes pipeline construction & wholesale includes oilfield machinery. For peak employment milestones, 1981 used different data methodology (SIC).
19. Department of Commerce, BLS and Federal Reserve

## NOTES:

- A. Crude oil production and imports include lease condensate. Other petroleum supply includes refinery processing gain and other hydrocarbons.
- B. Producing wells and reserves are shown as of December 31st each year.
- C. 2014 edition replaced various obsolete data categories on Tables 1, 3, 16 and 17.
- D. Imports for the Strategic Petroleum Reserve are included only in Table #10, "Imports by Origin."
- E. Marketed natural gas (wet) includes natural gas liquids. Total natural gas supply includes withdrawals from storage and supplemental gaseous fuels.
- F. All GDP statistics are in 2009 "chain weighted" dollars, unless noted otherwise.
- G. Employment numbers include oilfield machinery (in Wholesale) post-1997 & pipeline construction post-2001 (in Transportation). NAIC codes used post-2001.
- H. Energy trade includes coal and electricity. Royalty revenues include oil, natural gas and NGLs as available.

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### **Independent Petroleum Association of America**

Frederick J. Lawrence  
Information Services Department  
1201 15th Street, N.W., Ste. 300  
Washington, D.C. 20005  
flawrence@ipaa.org  
Phone 202-857-4722  
Fax 202-857-0444

