ref2012.d121011b

	2009	2010	2011	2012	2013

Report Annual Energy Outlook 2012 Early Release
Scenario ref2012 Reference
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http://www.eia.gov/forecasts/aeo/er/

20. Macroeconomic Indicators
(billion 2005 chain-weighted dollars, unless otherwise noted)

Indicators	2009	2010	2011	2012	2013
Real Gross Domestic Product	**12703**	**13088**	**13291**	**13572**	**13916**
Components of Real Gross Domestic Product					
Real Consumption	9037	9221	9401	9578	9775
Real Investment	1454	1715	1781	1866	2019
Real Government Spending	2540	2557	2494	2430	2382
Real Exports	1494	1663	1797	1937	2095
Real Imports	1853	2085	2189	2239	2339
Energy Intensity					
(thousand Btu per 2005 dollar of GDP)					
Delivered Energy	5.42	5.45	5.36	5.19	5.07
Total Energy	7.45	7.50	7.40	7.13	6.95
Price Indices					
GDP Chain-type Price Index (2005=1.000)	1.097	1.110	1.132	1.143	1.155
Consumer Price Index (1982-84=1.00)					
All-urban	2.15	2.18	2.25	2.28	2.31
Energy Commodities and Services	1.93	2.12	2.42	2.39	2.37
Wholesale Price Index (1982=1.00)					
All Commodities	1.73	1.85	2.00	1.98	2.00
Fuel and Power	1.59	1.86	2.13	2.07	2.09
Metals and Metal Products	1.87	2.08	2.23	2.13	2.21
Industrial Commodities excluding Energy	1.76	1.83	1.92	1.92	1.95
Interest Rates (percent, nominal)					
Federal Funds Rate	0.16	0.18	0.11	0.07	0.09
10-Year Treasury Note	3.26	3.21	2.90	2.66	2.79
AA Utility Bond Rate	5.75	5.24	4.93	4.71	4.84
Value of Shipments (billion 2005 dollars)					
Service Sectors	19996	20602	21076	21075	21374
Total Industrial	5667	5838	6016	6031	6248
Agriculture, Mining, and Construction	1615	1578	1557	1552	1618
Manufacturing	4052	4260	4459	4478	4631
Energy-Intensive	1508	1594	1624	1594	1622
Non-Energy-Intensive	2544	2665	2835	2884	3009

Total	25664	26440	27092	27106	27622
Population and Employment (millions)					
Population, with Armed Forces Overseas	307.8	310.8	313.8	316.9	319.9
Population, aged 16 and over	241.8	244.3	246.8	249.3	251.7
Population, over age 65	39.7	40.4	41.4	42.8	44.2
Employment, Nonfarm	130.7	129.8	131.5	132.7	134.7
Employment, Manufacturing	11.8	11.5	11.8	11.9	11.9
Key Labor Indicators					
Labor Force (millions)	154.2	153.9	153.4	153.8	155.0
Nonfarm Labor Productivity (2005=1.00)	1.06	1.10	1.11	1.11	1.12
Unemployment Rate (percent)	9.28	9.63	9.10	9.05	8.60
Key Indicators for Energy Demand					
Real Disposable Personal Income	9883	10062	10221	10430	10558
Housing Starts (millions)	0.60	0.63	0.66	0.75	1.05
Commercial Floorspace (billion square feet)	80.3	81.1	81.7	82.3	82.8
Unit Sales of Light-Duty Vehicles (millions)	10.40	11.55	12.49	13.65	15.36

GDP = Gross domestic product.
Btu = British thermal unit.
- - = Not applicable.
Sources: 2009 and 2010: IHS Global Insight, Global Insight Industry and Employment models, August 2011. Projections: U.S. Energy Information Administration, AEO2012 National Energy Modeling System run ref2012.d121011

	2014	2015	2016	2017	2018	2019	2020	2021	2022
case									

2014	2015	2016	2017	2018	2019	2020	2021	2022
14398	**14870**	**15343**	**15768**	**16162**	**16566**	**16954**	**17348**	**17783**
9989	10216	10461	10684	10893	11110	11326	11561	11824
2273	2449	2593	2701	2767	2849	2922	2986	3074
2361	2358	2363	2376	2389	2399	2411	2415	2431
2261	2434	2617	2802	2992	3191	3389	3600	3818
2446	2531	2621	2712	2787	2878	2972	3077	3205
4.95	4.82	4.72	4.62	4.52	4.43	4.34	4.25	4.15
6.75	6.57	6.42	6.31	6.19	6.07	5.95	5.84	5.72
1.174	1.196	1.220	1.243	1.267	1.293	1.319	1.346	1.373
2.36	2.41	2.47	2.52	2.58	2.64	2.70	2.76	2.82
2.46	2.57	2.65	2.73	2.79	2.87	2.95	3.03	3.11
2.04	2.09	2.13	2.16	2.20	2.23	2.26	2.30	2.34
2.15	2.25	2.30	2.37	2.44	2.51	2.59	2.67	2.77
2.33	2.42	2.48	2.52	2.54	2.56	2.57	2.58	2.58
2.00	2.04	2.08	2.11	2.13	2.15	2.17	2.20	2.22
1.53	3.65	4.26	4.34	4.44	4.59	4.68	4.66	4.68
3.65	4.77	5.02	5.08	5.14	5.25	5.33	5.34	5.36
5.73	6.80	6.90	6.96	7.06	7.23	7.39	7.41	7.48
21948	22544	23189	23779	24301	24841	25340	25843	26382
6562	6836	7068	7242	7378	7497	7583	7658	7734
1760	1888	1981	2039	2074	2099	2116	2121	2136
4801	4948	5088	5203	5303	5398	5467	5536	5598
1652	1682	1718	1752	1778	1804	1830	1855	1874
3149	3265	3369	3451	3525	3594	3637	3681	3724

28509	29379	30257	31021	31678	32338	32923	33501	34115
323.0	326.2	329.3	332.5	335.6	338.8	342.0	345.2	348.4
254.1	256.5	259.0	261.6	264.2	266.8	269.4	272.0	274.6
45.6	47.1	48.5	50.0	51.6	53.3	55.1	56.8	58.6
137.4	140.1	142.7	144.8	146.2	147.4	148.4	149.1	149.8
12.1	12.4	12.4	12.4	12.4	12.4	12.3	12.2	12.1
156.4	157.9	159.3	160.7	161.8	162.8	163.7	164.6	165.5
1.14	1.16	1.18	1.20	1.22	1.24	1.27	1.30	1.33
7.83	7.11	6.54	6.17	5.97	5.81	5.73	5.71	5.64
10843	11157	11484	11772	12073	12391	12716	13040	13388
1.46	1.76	1.94	2.01	2.00	1.98	1.95	1.89	1.87
83.4	84.1	85.0	86.0	87.0	88.1	89.1	90.1	91.1
16.02	16.35	16.68	16.65	16.43	16.50	16.49	16.60	16.78

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2023	2024	2025	2026	2027	2028	2029	2030	2031

2023	2024	2025	2026	2027	2028	2029	2030	2031
18225	**18692**	**19176**	**19676**	**20171**	**20666**	**21185**	**21736**	**22294**
12095	12381	12687	13009	13338	13669	14001	14348	14711
3179	3302	3427	3565	3692	3802	3924	4066	4213
2455	2481	2507	2534	2563	2592	2622	2655	2682
4024	4239	4461	4681	4905	5140	5391	5656	5929
3346	3503	3669	3846	4031	4213	4395	4593	4805
4.06	3.97	3.88	3.80	3.72	3.64	3.57	3.50	3.44
5.59	5.48	5.37	5.25	5.14	5.04	4.94	4.84	4.75
1.401	1.430	1.459	1.489	1.518	1.548	1.578	1.609	1.639
2.88	2.95	3.02	3.09	3.16	3.22	3.30	3.37	3.44
3.19	3.28	3.37	3.47	3.56	3.64	3.73	3.82	3.88
2.37	2.41	2.44	2.48	2.52	2.55	2.58	2.61	2.65
2.86	2.96	3.04	3.14	3.24	3.31	3.38	3.47	3.57
2.58	2.59	2.59	2.60	2.60	2.60	2.60	2.60	2.60
2.23	2.25	2.27	2.29	2.31	2.33	2.35	2.36	2.38
4.66	4.63	4.59	4.56	4.53	4.46	4.40	4.36	4.25
5.35	5.34	5.31	5.29	5.26	5.20	5.16	5.13	5.05
7.53	7.55	7.53	7.52	7.52	7.49	7.46	7.46	7.41
26904	27436	27979	28557	29137	29700	30265	30815	31365
7789	7864	7946	8027	8090	8143	8212	8300	8387
2153	2183	2211	2243	2263	2274	2290	2317	2346
5636	5681	5735	5784	5827	5869	5921	5983	6041
1884	1897	1912	1924	1937	1952	1968	1982	1996
3752	3784	3823	3860	3890	3918	3953	4001	4045

34693	35300	35926	36584	37228	37843	38476	39115	39753
351.6	354.9	358.1	361.3	364.5	367.7	370.9	374.1	377.3
277.3	280.0	282.6	285.3	288.0	290.7	293.5	296.2	298.9
60.4	62.3	64.2	65.9	67.6	69.2	70.8	72.3	73.4
150.7	151.9	153.3	154.9	156.5	158.0	159.5	161.1	162.3
11.9	11.6	11.4	11.2	10.9	10.6	10.4	10.2	10.0
166.4	167.4	168.3	169.3	170.4	171.5	172.7	174.0	175.5
1.36	1.39	1.42	1.45	1.48	1.51	1.55	1.58	1.62
5.60	5.55	5.52	5.47	5.43	5.43	5.46	5.48	5.50
13725	14088	14474	14835	15229	15613	15974	16359	16749
1.88	1.91	1.94	1.95	1.92	1.90	1.88	1.89	1.88
92.1	93.0	93.9	94.8	95.6	96.5	97.3	98.2	99.0
16.90	17.13	17.36	17.55	17.69	17.82	17.92	18.03	18.16

2032	2033	2034	2035

2032	2033	2034	2035	2010-2035
22856	**23426**	**24023**	**24639**	**2.6%**
15078	15448	15829	16221	2.3%
4352	4493	4653	4825	4.2%
2713	2745	2779	2813	0.4%
6212	6509	6820	7142	6.0%
5023	5249	5490	5740	4.1%
3.37	3.30	3.23	3.17	-2.1%
4.65	4.56	4.47	4.38	-2.1%
1.670	1.700	1.731	1.762	1.9%
3.51	3.59	3.66	3.74	2.2%
3.96	4.04	4.14	4.27	2.8%
2.68	2.71	2.75	2.79	1.7%
3.67	3.76	3.88	4.00	3.1%
2.60	2.60	2.59	2.59	0.9%
2.39	2.41	2.42	2.44	1.1%
4.21	4.15	4.11	4.07	- -
5.01	4.97	4.94	4.93	- -
7.39	7.37	7.37	7.38	- -
31910	32430	32911	33359	1.9%
8457	8531	8618	8707	1.6%
2365	2382	2408	2437	1.8%
6092	6149	6210	6270	1.6%
2009	2023	2038	2052	1.0%
4083	4125	4173	4218	1.9%

40366	40962	41529	42065	1.9%
380.5	383.7	386.9	390.1	0.9%
301.6	304.3	306.9	309.6	1.0%
74.5	75.5	76.5	77.7	2.6%
163.5	164.6	165.6	166.7	1.0%
9.7	9.5	9.3	9.1	-0.9%
177.0	178.6	180.0	181.3	0.7%
1.65	1.68	1.72	1.76	1.9%
5.52	5.53	5.56	5.58	- -
17115	17477	17857	18252	2.4%
1.86	1.85	1.87	1.89	4.5%
99.9	100.9	101.9	103.0	1.0%
18.25	18.31	18.43	18.57	1.9%