



National Energy
Board

Office national
de l'énergie

Canada's Energy Future:

ENERGY SUPPLY AND DEMAND PROJECTIONS TO 2035



AN ENERGY MARKET ASSESSMENT NOVEMBER 2011



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Appendices

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Canada

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Cat. No. NE23-15/2011-1E-PDF
ISBN 978-1-100-19464-6

N° de cat. NE23-15/2011-1F-PDF
ISBN 978-1-100-98122-2

This report is published separately in both official languages. This publication is available upon request in multiple formats.

Ce rapport est publié séparément dans les deux langues officielles. On peut obtenir cette publication sur supports multiples, sur demande.

Table A1.1: Economic Indicators, Canada

Reference Case

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Oil Price: WTI @ Cushing, OK (2010US\$/barrel) [1]	37.97	31.84	31.47	36.65	47.60	62.65	70.57	75.35	101.29	62.45	79.48	90.00	91.35	92.72	94.11	95.52	96.91	98.26
Gas Price: Henry Hub, LA (2010US\$/mmBtu) [2]	5.39	4.85	4.06	6.45	6.76	9.61	7.19	7.26	9.01	3.97	4.37	4.50	4.75	5.00	5.25	5.40	5.51	5.62
Coal Price: Alberta Delivered Price to Utilities (2010C\$/GJ)	0.96	0.97	0.98	1.00	1.01	1.02	1.03	1.04	0.84	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
Coal Price: Saskatchewan Delivered Price to Utilities (2010C\$/GJ)	1.04	1.06	1.07	1.08	1.09	1.10	1.11	1.13	1.14	1.15	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
Coal Price: Ontario Delivered Price to Utilities (2010C\$/GJ)	1.91	1.93	1.96	1.97	2.00	2.02	2.04	2.06	2.91	2.91	4.12	4.33	4.33	4.33	4.33	4.33	4.33	4.33
Coal Price: Nova Scotia Delivered Price to Utilities (2010C\$/GJ)	2.44	2.47	2.50	2.53	2.55	2.58	2.61	2.63	2.91	2.91	3.62	3.69	3.69	3.69	3.69	3.69	3.69	3.69
Consumer Price Index (1992=100.0)	113.5	116.4	119.0	122.3	124.6	127.3	129.9	132.6	135.8	136.2	138.7	141.1	143.7	147.2	149.9	152.6	155.3	158.6
GDP Deflator (2000=1.00)	1.00	1.02	1.03	1.06	1.10	1.13	1.16	1.20	1.25	1.22	1.26	1.29	1.30	1.34	1.36	1.39	1.42	1.45
Commercial Paper - 90 day Interest Rate (per cent)	5.7	3.9	2.7	2.9	2.3	2.8	4.2	4.6	3.2	0.6	0.7	0.9	1.5	2.9	4.1	5.0	5.0	5.0
Government of Canada Bonds - 10+ years (per cent)	5.9	5.8	5.7	5.3	5.1	4.4	4.3	4.3	4.0	3.9	3.6	3.3	3.4	4.0	4.8	5.5	5.8	6.0
Exchange Rate (centsUS/\$Can)	67.3	64.6	63.7	71.4	76.8	82.5	88.2	93.1	93.7	87.6	97.1	101.0	100.0	100.0	100.0	100.0	100.0	100.0
Total GDP (million \$1997)	946014	961680	992540	1013813	1049772	1082940	1113161	1141648	1149290	1112841	1155405	1185592	1218832	1243656	1273059	1302984	1342404	1376927
Goods GDP	312367	306682	311058	316922	328485	336697	336542	337355	327494	292085	313168	326896	340409	349215	358204	365904	376916	385781
Services GDP	633649	655000	681483	696892	721286	746242	776617	804294	821796	820757	842237	858696	878421	894441	914854	937082	965488	991146
Population (thousand)	30686	31019	31354	31640	31941	32245	32576	32932	33327	33730	34119	34467	34812	35155	35497	35838	36178	36516
Labour Force (thousand)	15847	16110	16579	16959	17182	17342	17593	17946	18245	18369	18668	18894	19085	19277	19426	19576	19748	19890
Employment (thousand)	14764	14946	15310	15672	15947	16170	16484	16866	17126	16849	17149	17372	17584	17786	17937	18074	18265	18406
Unemployment Rate (per cent)	6.8	7.2	7.7	7.6	7.2	6.8	6.3	6.0	6.1	8.3	8.1	8.1	7.9	7.7	7.7	7.7	7.5	7.5
Participation Rate (per cent)	65.8	65.9	66.9	67.6	67.5	67.2	67.2	67.6	67.8	67.3	67.5	67.5	67.5	67.5	67.4	67.3	67.3	67.2
Households (thousand)	11790	12008	12140	12286	12454	12728	12913	13118	13291	13503	13715	13907	14093	14275	14459	14647	14831	15008
Household Floor Space (thousand square metres)	1345750	1365109	1368720	1388541	1430139	1485553	1530257	1577732	1604194	1675976	1694011	1735065	1746140	1757438	1776043	1781332	1807563	1834725
Commercial Floor Space (thousand square metres)	583231	591921	601992	611918	623883	634958	648627	663062	679653	694566	707959	721773	735830	750123	764886	779660	794220	808716
Personal Disposable Income (millions \$1997)	605821	618262	626655	634316	646065	646922	709367	739045	766012	775340	812230	833073	865205	884327	906560	935181	968152	1002557
Output (GDP) per employee (thousand \$1997)	64.1	64.3	64.4	64.3	65.4	66.6	67.2	67.3	66.8	65.8	67.1	68.0	69.1	69.7	70.8	71.9	73.4	74.7
US Total GDP (billions US\$2000)	9926	10033	10215	10475	10838	11171	11468	11687	11648	11242	11582	11863	12278	12745	13158	13538	13933	14315
US GDP Deflator (2000=1.00)	1.00	1.02	1.04	1.06	1.09	1.13	1.17	1.20	1.23	1.24	1.25	1.26	1.28	1.29	1.31	1.33	1.35	1.37

Low Case

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Oil Price: WTI @ Cushing, OK (2010US\$/barrel) [1]	37.97	31.84	31.47	36.65	47.60	62.65	70.57	75.35	101.29	62.45	79.48	70.00	68.90	67.80	66.70	65.52	66.91	68.26
Gas Price: Henry Hub, LA (2010US\$/mmBtu) [2]	5.39	4.85	4.06	6.45	6.76	9.61	7.19	7.26	9.01	3.97	4.37	4.00	4.20	4.40	4.60	4.80	4.95	5.07
Coal Price: Alberta Delivered Price to Utilities (2010C\$/GJ)	0.96	0.97	0.98	1.00	1.01	1.02	1.03	1.04	0.84	0.84	0.85	0.87	0.88	0.88	0.88	0.88	0.88	0.89
Coal Price: Saskatchewan Delivered Price to Utilities (2010C\$/GJ)	1.04	1.06	1.07	1.08	1.09	1.10	1.11	1.13	1.14	1.15	1.61	1.64	1.65	1.65	1.66	1.66	1.66	1.66
Coal Price: Ontario Delivered Price to Utilities (2010C\$/GJ)	1.91	1.93	1.96	1.97	2.00	2.02	2.04	2.06	2.91	2.91	4.12	4.43	4.44	4.45	4.47	4.48	4.49	4.49
Coal Price: Nova Scotia Delivered Price to Utilities (2010C\$/GJ)	2.44	2.47	2.50	2.53	2.55	2.58	2.61	2.63	2.91	2.91	3.62	3.77	3.78	3.80	3.81	3.82	3.82	3.82
Consumer Price Index (1992=100.0)	113.5	116.4	119.0	122.3	124.6	127.3	129.9	132.6	135.8	136.2	138.7	139.8	142.4	145.8	148.6	151.3	154.4	157.8
GDP Deflator (2000=1.00)	1.00	1.02	1.03	1.06	1.10	1.13	1.16	1.20	1.25	1.22	1.26	1.26	1.29	1.31	1.34	1.36	1.39	1.42
Commercial Paper - 90 day Interest Rate (per cent)	5.7	3.9	2.7	2.9	2.3	2.8	4.2	4.6	3.2	0.6	0.7	0.9	1.5	2.9	4.1	5.0	5.0	5.0
Government of Canada Bonds - 10+ years (per cent)	5.9	5.8	5.7	5.3	5.1	4.4	4.3	4.3	4.0	3.9	3.6	3.3	3.4	4.0	4.8	5.5	5.8	6.0
Exchange Rate (centsUS/\$Can)	67.3	64.6	63.7	71.4	76.8	82.5	88.2	93.1	93.7	87.6	97.1	98.8	97.6	97.3	97.0	96.7	96.6	96.6
Total GDP (million \$1997)	946014	961680	992540	1013813	1049772	1082940	1113161	1141648	1149290	1112841	1155405	1200061	1234203	1261042	1291792	1322962	1356082	1388535
Goods GDP	312367	306682	311058	316922	328485	336697	336542	337355	327494	292085	313168	333123	346719	356380	365900	374049	381918	389768
Services GDP	633649	655000	681483	696892	721286	746242	776617	804294	821796	820757	842237	866942	887483	904663	925893	948912	974167	998773
Population (thousand)	30686	31019	31354	31640	31941	32245	32576	32932	33327	33730	34119	34467	34812	35155	35497	35838	36178	36516
Labour Force (thousand)	15847	16110	16579	16959	17182	17342	17593	17946	18245	18369	18668	18942	19156	19365	19530	19688	19841	19967
Employment (thousand)	14764	14946	15310	15672	15947	16170	16484	16866	17126	16849	17149	17444	17692	17917	18083	18230	18388	18504
Unemployment Rate (per cent)	6.8	7.2	7.7	7.6	7.2	6.8	6.3	6.0	6.1	8.3	8.1	7.9	7.6	7.5	7.4	7.4	7.3	7.3
Participation Rate (per cent)	65.8	65.9	66.9	67.6	67.5	67.2	67.2	67.6	67.8	67.3	67.5	67.7	67.7	67.8	67.8	67.7	67.6	67.5
Households (thousand)	11790	12008	12140	12286	12454	12728	12913	13118	13291	13503	13715	13907	14093	14275	14459	14647	14831	15008
Household Floor Space (thousand square metres)	1345750	1365109	1368720	1388541	1430139	1485553	1530257	1577732	1604194	1675976	1694011	1734909	1745984	1757282	1775896	1781205	1807462	1834647
Commercial Floor Space (thousand square metres)	583231	591921	601992	611918	623883	634958	648627	663062	679653	694566	707959	721755	735968	750382	765294	780230	794978	809588
Personal Disposable Income (millions \$1997)	605821	618262	626655	634316	646065	646922	709367	739045	766012	775340	812230	839886	872902	893140	915991	944947	974716	1007100
Output (GDP) per employee (thousand \$1997)	64.1	64.3	64.4	64.3	65.4	66.6	67.2	67.3	66.8	65.8	67.1	68.5	69.5	70.2	71.3	72.4	73.6	74.9
US Total GDP (billions US\$2000)	9926	10033	10215	10475	10838	11171	11468	11687	11648	11242	11582	11863	12278	12745	13158	13538	13933	14315
US GDP Deflator (2000=1.00)	1.00	1.02	1.04	1.06	1.09	1.13	1.17	1.20	1.23	1.24	1.25	1.26	1.28	1.29	1.31	1.33	1.35	1.37

2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
99.59	100.88	102.14	103.36	104.54	105.69	106.79	107.85	108.87	109.84	110.76	111.64	112.47	113.25	113.97	114.64	115.26	115.83
5.73	5.85	5.96	6.08	6.20	6.33	6.45	6.58	6.71	6.85	6.99	7.13	7.27	7.41	7.56	7.71	7.87	8.02
0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33
3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69	3.69
162.0	165.2	168.9	172.6	176.2	180.2	184.3	188.6	193.0	197.4	202.1	206.6	211.7	216.7	221.6	226.3	231.5	236.8
1.48	1.50	1.54	1.57	1.61	1.64	1.69	1.72	1.76	1.80	1.85	1.89	1.94	1.99	2.03	2.08	2.11	2.16
5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.5	5.7	6.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1404417	1444268	1478074	1512235	1549325	1581837	1616314	1652443	1689822	1727491	1763756	1806051	1842439	1876906	1916221	1955398	1995129	2038771
391001	401231	408576	416050	425201	431640	439632	448702	458537	468192	477110	488949	498804	506924	517709	529171	541777	555714
1013416	1043035	1069498	1096186	1124124	1150196	1176682	1203741	1231287	1259298	1286646	1317099	1343634	1369981	1398510	1426230	1453355	1483057
36852	37185	37516	37842	38165	38482	38795	39102	39402	39696	39982	40262	40534	40800	41059	41311	41558	41800
20003	20145	20275	20405	20546	20670	20791	20913	21037	21163	21292	21442	21576	21704	21850	21993	22149	22309
18504	18644	18766	18895	19038	19160	19284	19414	19552	19695	19840	20017	20172	20318	20481	20627	20795	20969
7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	6.9	6.8	6.6	6.5	6.4	6.3	6.2	6.1	6.0
67.0	66.9	66.8	66.7	66.6	66.5	66.3	66.1	66.0	65.9	65.8	65.7	65.6	65.5	65.5	65.5	65.5	65.5
15180	15349	15514	15672	15824	15969	16110	16248	16382	16512	16640	16767	16892	17015	17139	17262	17384	17505
1864562	1895533	1923205	1949027	1975071	2000446	2024005	2048002	2073074	2100409	2123317	2147906	2173262	2199557	2226309	2251493	2273231	2289551
823195	837478	851681	865718	879510	893097	906510	919806	933002	946115	959185	972248	985411	998711	1012104	1025603	1039090	1052487
1033368	1068286	1099488	1128849	1159286	1186364	1214265	1241755	1269380	1297268	1325343	1356998	1385453	1410828	1437679	1463183	1485160	1507484
75.8	77.4	78.7	80.0	81.4	82.6	83.8	85.1	86.4	87.7	88.9	90.2	91.3	92.4	93.6	94.8	95.9	97.2
14684	15050	15426	15811	16191	16563	16963	17400	17835	18281	18738	19217	19713	20146	20557	20977	21405	21843
1.40	1.43	1.46	1.49	1.52	1.55	1.58	1.61	1.65	1.68	1.72	1.76	1.79	1.83	1.87	1.91	1.95	1.99
2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
69.59	70.88	72.14	73.36	74.54	75.69	76.79	77.85	78.87	79.84	80.76	81.64	82.47	83.25	83.97	84.64	85.26	85.83
5.20	5.30	5.41	5.49	5.57	5.65	5.71	5.77	5.83	5.89	5.94	6.01	6.07	6.13	6.19	6.25	6.31	6.38
0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.90	0.90	0.90	0.90	0.90
1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.68	1.68	1.68	1.68	1.68	1.68	1.69	1.69	1.69	1.69
4.49	4.49	4.50	4.50	4.50	4.51	4.51	4.52	4.52	4.52	4.53	4.53	4.54	4.54	4.55	4.55	4.55	4.56
3.83	3.83	3.83	3.84	3.84	3.84	3.84	3.85	3.85	3.85	3.86	3.86	3.86	3.87	3.87	3.88	3.88	3.88
161.4	164.7	168.3	172.1	175.9	179.9	184.2	188.5	193.0	197.6	202.3	207.3	212.6	217.6	222.8	227.9	233.5	239.2
1.46	1.49	1.51	1.55	1.58	1.62	1.66	1.70	1.73	1.77	1.82	1.87	1.91	1.96	2.01	2.05	2.10	2.14
5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.5	5.7	6.0
96.5	96.4	96.4	96.3	96.2	96.2	96.1	96.0	95.9	95.8	95.8	95.7	95.6	95.5	95.4	95.3	95.2	95.1
1415352	1452601	1490405	1523655	1556560	1590447	1625929	1662790	1699777	1737444	1777364	1814623	1848534	1889897	1928020	1966105	2005342	2048026
394610	403519	412869	419986	427195	434284	442901	452466	462280	472156	482956	492768	501857	513344	523593	534444	546687	559987
1020742	1049081	1077537	1103668	1129366	1156162	1183030	1210325	1237498	1265290	1294407	1321853	1346676	1376556	1404426	1431662	1458654	1488038
36852	37185	37516	37842	38165	38482	38795	39102	39402	39696	39982	40262	40534	40800	41059	41311	41558	41800
20070	20197	20337	20466	20595	20720	20845	20973	21100	21230	21376	21520	21647	21798	21953	22103	22271	22444
18587	18707	18846	18976	19101	19225	19356	19494	19637	19785	19955	20122	20265	20446	20622	20780	20962	21152
7.4	7.4	7.3	7.3	7.3	7.2	7.1	7.0	6.9	6.8	6.6	6.5	6.4	6.2	6.1	6.0	5.9	5.8
67.2	67.1	67.0	66.9	66.8	66.6	66.5	66.3	66.2	66.1	66.0	65.8	65.8	65.8	65.8	65.8	65.9	65.9
15180	15349	15514	15672	15824	15969	16110	16248	16382	16512	16640	16767	16892	17015	17139	17262	17384	17505
1864502	1895487	1923169	1949001	1975052	2000430	2023993	2047995	2073068	2100404	2123313	2147902	2173260	2199554	2226307	2251491	2273230	2289550
824124	838435	852594	866600	880373	893902	907252	920487	933626	946684	959685	972719	985846	999076	1012431	1025904	1039368	1052749
1036309	1068911	1101029	1129322	1156817	1183548	1210862	1237915	1264598	1291666	1320998	1349571	1375643	1403991	1430577	1455803	1477813	1500206
76.1	77.6	79.0	80.3	81.5	82.7	84.0	85.3	86.6	87.8	89.1	90.2	91.2	92.4	93.5	94.6	95.7	96.8
14684	15050	15426	15811	16191	16563	16963	17400	17835	18281	18738	19217	19713	20146	20557	20977	21405	21843
1.40	1.43	1.46	1.49	1.52	1.55	1.58	1.61	1.65	1.68	1.72	1.76	1.79	1.83	1.87	1.91	1.95	1.99

High Case

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Oil Price: WTI @ Cushing, OK (2010US\$/barrel) [1]	37.97	31.84	31.47	36.65	47.60	62.65	70.57	75.35	101.29	62.45	79.48	110.00	116.40	122.80	129.20	135.52	136.91	138.26
Gas Price: Henry Hub, LA (2010US\$/mmBtu) [2]	5.39	4.85	4.06	6.45	6.76	9.61	7.19	7.26	9.01	3.97	4.37	5.00	5.50	6.00	6.25	6.50	6.66	6.83
Coal Price: Alberta Delivered Price to Utilities (2010C\$/GJ)	0.96	0.97	0.98	1.00	1.01	1.02	1.03	1.04	0.84	0.84	0.85	0.84	0.83	0.84	0.82	0.82	0.82	0.81
Coal Price: Saskatchewan Delivered Price to Utilities (2010C\$/GJ)	1.04	1.06	1.07	1.08	1.09	1.10	1.11	1.13	1.14	1.15	1.61	1.57	1.56	1.57	1.54	1.53	1.53	1.53
Coal Price: Ontario Delivered Price to Utilities (2010C\$/GJ)	1.91	1.93	1.96	1.97	2.00	2.02	2.04	2.06	2.91	2.91	4.12	4.24	4.22	4.24	4.16	4.14	4.13	4.13
Coal Price: Nova Scotia Delivered Price to Utilities (2010C\$/GJ)	2.44	2.47	2.50	2.53	2.55	2.58	2.61	2.63	2.91	2.91	3.62	3.61	3.59	3.61	3.55	3.53	3.52	3.52
Consumer Price Index (1992=100.0)	113.5	116.4	119.0	122.3	124.6	127.3	129.9	132.6	135.8	136.2	138.7	142.1	145.0	148.2	151.0	153.6	156.2	159.2
GDP Deflator (2000=1.00)	1.00	1.02	1.03	1.06	1.10	1.13	1.16	1.20	1.25	1.22	1.26	1.30	1.33	1.36	1.39	1.42	1.44	1.48
Commercial Paper - 90 day Interest Rate (per cent)	5.7	3.9	2.7	2.9	2.3	2.8	4.2	4.6	3.2	0.6	0.7	0.9	1.5	2.9	4.1	5.0	5.0	5.0
Government of Canada Bonds - 10+ years (per cent)	5.9	5.8	5.7	5.3	5.1	4.4	4.3	4.3	4.0	3.9	3.6	3.3	3.4	4.0	4.8	5.5	5.8	6.0
Exchange Rate (centsUS/\$Can)	67.3	64.6	63.7	71.4	76.8	82.5	88.2	93.1	93.7	87.6	97.1	103.3	102.8	102.3	104.1	104.8	104.9	105.0
Total GDP (million \$1997)	946014	961680	992540	1013813	1049772	1082940	1113161	1141648	1149290	1112841	1155405	1173377	1200603	1229407	1256166	1283969	1323630	1358168
Goods GDP	312367	306682	311058	316922	328485	336697	336542	337355	327494	292085	313168	321418	332203	343021	350496	357071	368152	376917
Services GDP	633649	655000	681483	696892	721286	746242	776617	804294	821796	820757	842237	851960	868403	886386	905672	926896	955477	981251
Population (thousand)	30686	31019	31354	31640	31941	32245	32576	32932	33327	33730	34119	34467	34812	35155	35497	35838	36178	36516
Labour Force (thousand)	15847	16110	16579	16959	17182	17342	17593	17946	18245	18369	18668	18832	19004	19194	19330	19472	19643	19784
Employment (thousand)	14764	14946	15310	15672	15947	16170	16484	16866	17126	16849	17149	17309	17465	17664	17803	17931	18122	18263
Unemployment Rate (per cent)	6.8	7.2	7.7	7.6	7.2	6.8	6.3	6.0	6.1	8.3	8.1	8.2	8.1	8.0	7.9	7.9	7.7	7.7
Participation Rate (per cent)	65.8	65.9	66.9	67.6	67.5	67.2	67.2	67.6	67.8	67.3	67.5	67.4	67.2	67.2	67.0	66.9	66.9	66.8
Households (thousand)	11790	12008	12140	12286	12454	12728	12913	13118	13291	13503	13715	13907	14093	14275	14459	14647	14831	15008
Household Floor Space (thousand square metres)	1345750	1365109	1368720	1388541	1430139	1485553	1530257	1577732	1604194	1675976	1694011	1735198	1746305	1757671	1776202	1781470	1807679	1834815
Commercial Floor Space (thousand square metres)	583231	591921	601992	611918	623883	634958	648627	663062	679653	694566	707959	721782	735704	749871	764419	778966	793326	807668
Personal Disposable Income (millions \$1997)	605821	618262	626655	634316	646065	646922	709367	739045	766012	775340	812230	827838	857029	877099	899688	928554	962294	997550
Output (GDP) per employee (thousand \$1997)	64.1	64.3	64.4	64.3	65.4	66.6	67.2	67.3	66.8	65.8	67.1	67.5	68.5	69.4	70.4	71.4	72.9	74.3
US Total GDP (billions US\$2000)	9926	10033	10215	10475	10838	11171	11468	11687	11648	11242	11582	11863	12278	12745	13158	13538	13933	14315
US GDP Deflator (2000=1.00)	1.00	1.02	1.04	1.06	1.09	1.13	1.17	1.20	1.23	1.24	1.25	1.26	1.28	1.29	1.31	1.33	1.35	1.37

Fast Case

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Oil Price: WTI @ Cushing, OK (2010US\$/barrel) [1]	37.97	31.84	31.47	36.65	47.60	62.65	70.57	75.35	101.29	62.45	79.48	90.56	92.39	93.92	95.70	97.03	98.81	100.42
Gas Price: Henry Hub, LA (2010US\$/mmBtu) [2]	5.39	4.85	4.06	6.45	6.76	9.61	7.19	7.26	9.01	3.97	4.37	4.80	5.05	5.30	5.55	5.70	5.82	6.02
Coal Price: Alberta Delivered Price to Utilities (2010C\$/GJ)	0.96	0.97	0.98	1.00	1.01	1.02	1.03	1.04	0.84	0.84	0.85	0.87	0.86	0.86	0.86	0.86	0.86	0.86
Coal Price: Saskatchewan Delivered Price to Utilities (2010C\$/GJ)	1.04	1.06	1.07	1.08	1.09	1.10	1.11	1.13	1.14	1.15	1.61	1.64	1.62	1.62	1.62	1.62	1.62	1.62
Coal Price: Ontario Delivered Price to Utilities (2010C\$/GJ)	1.91	1.93	1.96	1.97	2.00	2.02	2.04	2.06	2.91	2.91	4.12	4.41	4.37	4.36	4.36	4.37	4.38	4.37
Coal Price: Nova Scotia Delivered Price to Utilities (2010C\$/GJ)	2.44	2.47	2.50	2.53	2.55	2.58	2.61	2.63	2.91	2.91	3.62	3.76	3.72	3.72	3.72	3.73	3.73	3.73
Consumer Price Index (1992=100.0)	113.5	116.4	119.0	122.3	124.6	127.3	129.9	132.6	135.8	136.2	138.7	141.2	142.9	144.9	147.0	149.2	151.3	153.7
GDP Deflator (2000=1.00)	1.00	1.02	1.03	1.06	1.10	1.13	1.16	1.20	1.25	1.22	1.26	1.29	1.30	1.32	1.34	1.36	1.38	1.41
Commercial Paper - 90 day Interest Rate (per cent)	5.7	3.9	2.7	2.9	2.3	2.8	4.2	4.6	3.2	0.6	0.7	0.9	1.5	2.8	4.1	4.9	4.9	4.9
Government of Canada Bonds - 10+ years (per cent)	5.9	5.8	5.7	5.3	5.1	4.4	4.3	4.3	4.0	3.9	3.6	3.3	3.4	4.0	4.8	5.5	5.8	6.0
Exchange Rate (centsUS/\$Can)	67.3	64.6	63.7	71.4	76.8	82.5	88.2	93.1	93.7	87.6	97.1	101.0	100.0	100.0	100.0	100.0	100.0	100.0
Total GDP (million \$1997)	946014	961680	992540	1013813	1049772	1082940	1113161	1141648	1149290	1112841	1155405	1170081	1204828	1252098	1287268	1320636	1365765	1415638
Goods GDP	312367	306682	311058	316922	328485	336697	336542	337355	327494	292085	313168	321313	336244	356165	368398	378703	391465	406486
Services GDP	633649	655000	681483	696892	721286	746242	776617	804294	821796	820757	842237	848765	868584	895932	918871	941932	974299	1009152
Population (thousand)	30686	31019	31354	31640	31941	32245	32576	32932	33327	33730	34119	34467	34812	35155	35497	35838	36178	36516
Labour Force (thousand)	15847	16110	16579	16959	17182	17342	17593	17946	18245	18369	18668	18832	18992	19245	19449	19659	19872	20091
Employment (thousand)	14764	14946	15310	15672	15947	16170	16484	16866	17126	16849	17149	17248	17390	17659	17858	18045	18249	18461
Unemployment Rate (per cent)	6.8	7.2	7.7	7.6	7.2	6.8	6.3	6.0	6.1	8.3	8.1	8.4	8.4	8.2	8.2	8.2	8.2	8.1
Participation Rate (per cent)	65.8	65.9	66.9	67.6	67.5	67.2	67.2	67.6	67.8	67.3	67.5	67.3	67.2	67.4	67.5	67.6	67.7	67.9
Households (thousand)	11790	12008	12140	12286	12454	12728	12913	13118	13291	13503	13715	13907	14093	14275	14459	14647	14831	15008
Household Floor Space (thousand square metres)	1345750	1365109	1368720	1388541	1430139	1485553	1530257	1577732	1604194	1675976	1694011	1738680	1744679	1753412	1771570	1774100	1794416	1820128
Commercial Floor Space (thousand square metres)	583231	591921	601992	611918	623883	634958	648627	663062	679653	694566	707959	721762	735516	749361	763878	778584	793223	807926
Personal Disposable Income (millions \$1997)	605821	618262	626655	634316	646065	646922	709367	739045	766012	775340	812230	827800	859950	888172	914368	947944	985812	1029789
Output (GDP) per employee (thousand \$1997)	64.1	64.3	64.4	64.3	65.4	66.6	67.2	67.3	66.8	65.8	67.1	67.6	69.1	70.7	71.9	73.0	74.7	76.6
US Total GDP (billions US\$2000)	9926	10033	10215	10475	10838	11171	11468	11687	11648	11242	11582	11953	12504	13077	13607	14061	14506	14968
US GDP Deflator (2000=1.00)	1.00	1.02	1.04	1.06	1.09	1.13	1.17	1.20	1.23	1.24	1.25	1.26	1.28	1.29	1.31	1.33	1.35	1.37

2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
139.59	140.88	142.14	143.36	144.54	145.69	146.79	147.85	148.87	149.84	150.76	151.64	152.47	153.25	153.97	154.64	155.26	155.83
7.00	7.17	7.35	7.54	7.73	7.92	8.12	8.32	8.53	8.74	8.96	9.18	9.41	9.65	9.89	10.14	10.39	10.65
0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
1.53	1.53	1.53	1.53	1.52	1.52	1.52	1.52	1.51	1.51	1.51	1.51	1.51	1.51	1.50	1.50	1.50	1.50
4.13	4.12	4.12	4.11	4.11	4.10	4.10	4.09	4.09	4.08	4.08	4.07	4.07	4.06	4.06	4.05	4.04	4.04
3.52	3.51	3.51	3.50	3.50	3.50	3.49	3.49	3.48	3.48	3.48	3.47	3.47	3.46	3.46	3.45	3.45	3.44

162.5	165.3	168.7	172.5	176.0	179.7	183.6	187.7	191.9	196.1	200.6	204.9	209.7	214.5	219.1	223.6	228.4	233.3
1.50	1.53	1.56	1.60	1.63	1.67	1.70	1.74	1.78	1.82	1.87	1.91	1.96	2.01	2.06	2.10	2.13	2.18
5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.5	5.7	6.0
105.1	105.2	105.3	105.4	105.5	105.6	105.7	105.9	106.0	106.1	106.3	106.4	106.6	106.7	106.9	107.0	107.2	107.4

1384460	1429214	1467633	1496692	1529505	1566806	1604643	1640482	1678714	1717432	1754921	1797845	1836221	1871838	1912023	1952772	1994488	2038780
381439	393852	403300	408295	415176	423551	432825	441481	451335	461072	470194	481969	492497	501018	512144	524379	538065	552596
1003021	1035365	1064336	1088396	1114329	1143255	1171815	1199002	1227382	1256359	1284726	1315878	1343723	1370818	1399879	1428395	1456422	1486182

36852	37185	37516	37842	38165	38482	38795	39102	39402	39696	39982	40262	40534	40800	41059	41311	41558	41800
19893	20051	20203	20325	20451	20584	20716	20841	20969	21100	21232	21363	21522	21654	21802	21947	22106	22266
18358	18522	18677	18794	18912	19046	19189	19324	19468	19615	19764	19943	20105	20257	20422	20572	20745	20917
7.7	7.6	7.6	7.5	7.5	7.5	7.4	7.3	7.2	7.0	6.9	6.7	6.6	6.5	6.3	6.3	6.2	6.1
66.6	66.6	66.6	66.4	66.3	66.2	66.0	65.9	65.8	65.7	65.6	65.5	65.5	65.4	65.4	65.3	65.4	65.4
15180	15349	15514	15672	15824	15969	16110	16248	16382	16512	16640	16767	16892	17015	17139	17262	17384	17505
1864629	1895582	1923242	1949056	1975092	2000458	2024014	2048009	2073078	2100411	2123319	2147907	2173264	2199558	2226310	2251494	2273232	2289552
822015	836159	850272	864319	878122	891681	905082	918398	931627	944786	957910	971032	984253	997616	1011078	1024646	1038200	1051664
1028783	1066903	1101930	1130567	1159921	1189938	1220604	1249401	1278752	1308249	1337984	1370907	1401352	1428113	1456198	1483235	1506815	1529812
75.3	77.1	78.5	79.6	80.9	82.3	83.6	84.9	86.2	87.6	88.8	90.1	91.3	92.4	93.6	94.9	96.1	97.5

14684	15050	15426	15811	16191	16563	16963	17400	17835	18281	18738	19217	19713	20146	20557	20977	21405	21843
1.40	1.43	1.46	1.49	1.52	1.55	1.58	1.61	1.65	1.68	1.72	1.76	1.79	1.83	1.87	1.91	1.95	1.99

2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
101.87	103.33	104.79	106.07	107.35	108.67	110.16	111.47	112.48	113.67	114.42	115.36	116.65	117.11	117.67	118.81	119.96	120.68
6.20	6.36	6.49	6.63	6.77	6.91	7.06	7.20	7.36	7.51	7.67	7.83	7.99	8.16	8.33	8.51	8.69	8.87
0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86
1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62
4.37	4.36	4.36	4.36	4.37	4.37	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36
3.72	3.72	3.71	3.72	3.72	3.72	3.72	3.71	3.72	3.72	3.71	3.71	3.72	3.71	3.72	3.71	3.71	3.71

156.2	159.1	162.0	165.1	168.2	171.4	175.1	178.9	182.7	186.8	191.1	195.6	200.2	204.9	209.8	214.6	219.4	224.4
1.44	1.47	1.50	1.52	1.55	1.58	1.62	1.66	1.70	1.73	1.78	1.83	1.88	1.92	1.97	2.03	2.07	2.11
4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.5	5.7	6.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1462476	1506120	1560149	1608585	1661416	1719726	1773538	1831721	1893027	1956349	2018866	2085143	2157824	2233809	2304593	2382727	2466237	2556174
419210	429589	444510	456620	470694	486409	501111	518498	537544	556560	574980	594236	616373	637397	656685	678016	702367	731501
1043268	1076531	1115639	1151967	1190723	1233314	1272428	1313224	1355481	1399790	1443885	1490906	1541448	1596411	1647905	1704713	1763871	1824672

36852	37185	37516	37842	38165	38482	38795	39102	39402	39696	39982	40262	40534	40800	41059	41311	41558	41800
20304	20510	20741	20957	21193	21440	21668	21899	22132	22375	22626	22891	23173	23474	23753	24041	24327	24605
18661	18849	19070	19275	19511	19764	20001	20241	20489	20756	21034	21335	21669	22036	22352	22665	22965	23252
8.1	8.1	8.1	8.0	7.9	7.8	7.7	7.6	7.4	7.2	7.0	6.8	6.5	6.1	5.9	5.7	5.6	5.5
68.0	68.2	68.4	68.5	68.7	68.9	69.1	69.3	69.4	69.6	69.9	70.2	70.5	70.9	71.2	71.6	71.9	72.3
15180	15349	15514	15672	15824	15969	16110	16248	16382	16512	16640	16767	16892	17015	17139	17262	17384	17505
1851052	1883973	1915686	1945447	1976630	2004254	2032856	2059719	2090226	2119421	2147816	2173820	2205711	2235251	2269871	2299478	2331073	2358333
822786	837781	852845	868041	883271	898562	914069	929865	946005	962525	979517	997104	1015443	1034696	1054839	1075836	1097604	1119801
1073338	1114809	1159371	1199872	1242784	1287314	1329976	1373747	1418318	1464283	1511594	1561074	1614689	1670274	1723085	1777082	1827205	1875807
78.3	79.8	81.8	83.4	85.1	87.0	88.7	90.5	92.4	94.2	96.0	97.7	99.6	101.4	103.1	105.1	107.4	109.9

15406	15817	16273	16737	17229	17731	18274	18862	19459	20062	20681	21315	21956	22534	23098	23656	24223	24810
1.30	1.32	1.34	1.36	1.37	1.39	1.41	1.43	1.45	1.48	1.50	1.52	1.55	1.57	1.59	1.62	1.65	1.67

Slow Case

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Oil Price: WTI @ Cushing, OK (2010US\$/barrel) [1]	37.97	31.84	31.47	36.65	47.60	62.65	70.57	75.35	101.29	62.45	79.48	89.44	90.56	91.87	93.03	93.92	95.21	96.24
Gas Price: Henry Hub, LA (2010US\$/mmBtu) [2]	5.39	4.85	4.06	6.45	6.76	9.61	7.19	7.26	9.01	3.97	4.37	4.25	4.40	4.55	4.80	4.95	5.15	5.28
Coal Price: Alberta Delivered Price to Utilities (2010C\$/GJ)	0.96	0.97	0.98	1.00	1.01	1.02	1.03	1.04	0.84	0.84	0.85	0.84	0.85	0.85	0.85	0.85	0.85	0.85
Coal Price: Saskatchewan Delivered Price to Utilities (2010C\$/GJ)	1.04	1.06	1.07	1.08	1.09	1.10	1.11	1.13	1.14	1.15	1.61	1.59	1.60	1.60	1.60	1.60	1.59	1.59
Coal Price: Ontario Delivered Price to Utilities (2010C\$/GJ)	1.91	1.93	1.96	1.97	2.00	2.02	2.04	2.06	2.91	2.91	4.12	4.28	4.31	4.30	4.31	4.31	4.30	4.30
Coal Price: Nova Scotia Delivered Price to Utilities (2010C\$/GJ)	2.44	2.47	2.50	2.53	2.55	2.58	2.61	2.63	2.91	2.91	3.62	3.65	3.67	3.67	3.67	3.67	3.66	3.66
Consumer Price Index (1992=100.0)	113.5	116.4	119.0	122.3	124.6	127.3	129.9	132.6	135.8	136.2	138.7	141.9	144.7	148.5	151.8	155.3	159.0	162.9
GDP Deflator (2000=1.00)	1.00	1.02	1.03	1.06	1.10	1.13	1.16	1.20	1.25	1.22	1.26	1.29	1.31	1.35	1.38	1.41	1.45	1.49
Commercial Paper - 90 day Interest Rate (per cent)	5.7	3.9	2.7	2.9	2.3	2.8	4.2	4.6	3.2	0.6	0.7	0.9	1.5	2.9	4.2	5.1	5.1	5.1
Government of Canada Bonds - 10+ years (per cent)	5.9	5.8	5.7	5.3	5.1	4.4	4.3	4.3	4.0	3.9	3.6	3.3	3.4	4.0	4.8	5.5	5.8	6.0
Exchange Rate (centsUS/\$Can)	67.3	64.6	63.7	71.4	76.8	82.5	88.2	93.1	93.7	87.6	97.1	101.0	100.0	100.0	100.0	100.0	100.0	100.0
Total GDP (million \$1997)	946014	961680	992540	1013813	1049772	1082940	1113161	1141648	1149290	1112841	1155405	1169087	1197623	1216179	1235556	1253207	1278792	1303345
Goods GDP	312367	306682	311058	316922	328485	336697	336542	337355	327494	292085	313168	319621	331600	337856	342516	345126	350680	356668
Services GDP	633649	655000	681483	696892	721286	746242	776617	804294	821796	820757	842237	849465	866022	878322	893040	908083	928112	946675
Population (thousand)	30686	31019	31354	31640	31941	32245	32576	32932	33327	33730	34119	34467	34812	35155	35497	35838	36178	36516
Labour Force (thousand)	15847	16110	16579	16959	17182	17342	17593	17946	18245	18369	18668	18870	19025	19202	19339	19491	19632	19746
Employment (thousand)	14764	14946	15310	15672	15947	16170	16484	16866	17126	16849	17149	17337	17498	17679	17820	17965	18112	18216
Unemployment Rate (per cent)	6.8	7.2	7.7	7.6	7.2	6.8	6.3	6.0	6.1	8.3	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.7
Participation Rate (per cent)	65.8	65.9	66.9	67.6	67.5	67.2	67.2	67.6	67.8	67.3	67.5	67.4	67.3	67.2	67.1	67.0	66.9	66.7
Households (thousand)	11790	12008	12140	12286	12454	12728	12913	13118	13291	13503	13715	13907	14093	14275	14459	14647	14831	15008
Household Floor Space (thousand square metres)	1345750	1365109	1368720	1388541	1430139	1485553	1530257	1577732	1604194	1675976	1694011	1742600	1753701	1760292	1779357	1781583	1803935	1826862
Commercial Floor Space (thousand square metres)	583231	591921	601992	611918	623883	634958	648627	663062	679653	694566	707959	721820	735721	749795	764386	779085	793613	808070
Personal Disposable Income (millions \$1997)	605821	618262	626655	634316	646065	646922	709367	739045	766012	775340	812230	826036	853607	868571	886001	909463	934924	962286
Output (GDP) per employee (thousand \$1997)	64.1	64.3	64.4	64.3	65.4	66.6	67.2	67.3	66.8	65.8	67.1	67.2	68.2	68.6	69.2	69.6	70.5	71.4
US Total GDP (billions US\$2000)	9926	10033	10215	10475	10838	11171	11468	11687	11648	11242	11582	11537	11870	12248	12543	12798	13108	13432
US GDP Deflator (2000=1.00)	1.00	1.02	1.04	1.06	1.09	1.13	1.17	1.20	1.23	1.24	1.25	1.28	1.30	1.33	1.35	1.38	1.41	1.45

Source: Informetrica Limited, Statistics Canada, NEB

[1] West Texas Intermediate crude oil price at Cushing, Oklahoma.

[2] Henry Hub natural gas price near Erath, Louisiana.

2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
97.77	98.86	100.13	101.18	102.40	103.53	104.64	105.75	106.40	107.17	107.92	108.79	109.87	110.61	111.12	111.77	111.89	111.93
5.38	5.48	5.56	5.63	5.70	5.78	5.85	5.93	6.01	6.08	6.16	6.24	6.32	6.41	6.49	6.57	6.66	6.75
0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
1.59	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
4.30	4.30	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.32	4.32	4.32	4.32	4.31	4.32	4.32
3.66	3.66	3.67	3.68	3.67	3.67	3.67	3.67	3.67	3.67	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68
167.3	171.3	175.4	179.6	183.6	188.0	192.6	197.0	201.0	205.3	209.4	213.5	217.9	221.8	225.2	228.5	231.7	235.1
1.52	1.56	1.60	1.64	1.67	1.70	1.74	1.78	1.82	1.85	1.89	1.92	1.95	1.99	2.01	2.04	2.06	2.08
5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.5	5.7	6.0
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1318280	1343074	1369390	1392297	1417504	1441031	1464512	1491588	1524165	1552738	1583888	1616450	1645551	1676202	1709277	1744155	1783673	1825939
358099	363615	370507	375331	381089	385161	390147	397074	406649	414167	421969	431023	439033	448415	459989	471733	485687	500541
960182	979457	998881	1016965	1036416	1055869	1074367	1094517	1117518	1138571	1161919	1185428	1206518	1227785	1249289	1272423	1297985	1325399
36852	37185	37516	37842	38165	38482	38795	39102	39402	39696	39982	40262	40534	40800	41059	41311	41558	41800
19829	19928	20024	20111	20207	20294	20363	20428	20505	20569	20635	20702	20747	20785	20802	20843	20882	20926
18275	18358	18437	18510	18594	18668	18722	18774	18849	18904	18964	19021	19049	19063	19040	19046	19050	19066
7.8	7.9	7.9	8.0	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.3	8.5	8.6	8.8	8.9
66.4	66.2	66.0	65.7	65.5	65.2	64.9	64.6	64.3	64.0	63.7	63.4	63.1	62.8	62.4	62.1	61.8	61.5
15180	15349	15514	15672	15824	15969	16110	16248	16382	16512	16640	16767	16892	17015	17139	17262	17384	17505
1857298	1884764	1913792	1940639	1962587	1987014	2008644	2031772	2054207	2077603	2101195	2123326	2145321	2168804	2193659	2215953	2235260	2251223
822483	836686	850668	864398	877825	891002	903977	916767	929350	941775	954058	966251	978412	990544	1002514	1014386	1026173	1037872
985110	1010805	1035694	1057466	1079721	1100105	1120229	1140292	1162725	1183197	1205331	1228109	1248075	1267172	1286077	1306685	1325228	1344184
72.0	73.1	74.2	75.2	76.2	77.2	78.2	79.4	80.9	82.1	83.5	85.0	86.4	87.9	89.8	91.6	93.6	95.8
13708	13992	14305	14593	14889	15146	15393	15658	15918	16186	16479	16792	17129	17398	17637	17875	18127	18383
1.49	1.53	1.57	1.61	1.65	1.70	1.74	1.79	1.84	1.89	1.94	1.99	2.04	2.09	2.15	2.21	2.26	2.32