

Raising Canadian Living Standards: A Framework for Analysis

Andrew Sharpe

List of Tables, Appendix Tables, and Charts

Tables

- Table 1: Nominal Aggregate Per Capita Income Levels in Canada and the United States, 1946-2001
Table 2: Real Aggregate Per Capita Income Levels and Growth Rates in Canada, 1946-2001
Table 3: Real Aggregate Per Capita Income Levels and Growth Rates in the United States, 1946-2001
Table 3A: Real Aggregate per Capita Income Levels in Canada as a Percentage of the United States, 1946-2001
Table 4: Relative Real Per Capita GDP in OECD Countries, 1950-2001, selected years
Table 5: Growth Rates for Real GDP Per Capita, 1950-2001, selected periods
Table 6: Real Per Capita GDP and its Determinants in Canada, 1946-2001
Table 7: Contributions to Real Per Capita GDP Growth in Canada, 1946-2001
Table 8: Nominal Per Capita GDP and its Determinants in Canada and the United States, 2001
Table 9: Reconciliation of GDP per Capita and Labour Productivity, 2001 (preliminary estimates)
Table 10: Annual Growth of Real GDP Per Capita and Per Hour Worked in Canada and the United States, 1947-2001, % change from previous year
Table 11: Nominal Aggregate Labour Productivity Levels in Canada and the United States, 1946-2001
Table 12: Relative Real GDP Per Hour Worked in OECD Countries, 1950-2001, selected years
Table 13: Growth Rates for GDP Per Hour Worked, 1950-2001, selected periods
Table 14A: Real Aggregate Labour Productivity Levels and Growth Rates in Canada, 1946-2001
Table 14B: Real Aggregate Labour Productivity Levels and Growth Rates in the United States, 1946-2001

Appendix Tables

- Appendix Table 1: Output, Population, and Labour Market Variables in Canada, 1946-2001
Appendix Table 2: Real Per Capita GDP and its Determinants in the United States, 1946-2001
Appendix Table 3: Contributions to Real Per Capita GDP Growth in the United States, 1946-2001
Appendix Table 4: Output, Population, and Labour Market Variables in the United States, 1946-2001
Appendix Table 5: Unemployment Rates in Canada and the United States by Detailed Age and Sex Groups, 2001
Appendix Table 6: Labour Force Participation Rates in Canada and the United States by Detailed Age and Sex Groups, 2001
Appendix Table 7: Nominal Aggregate Labour Productivity Levels in Canada and the United States, 1946-2001, with Alternative US Hours Data
Appendix Table 8: Real Aggregate Labour Productivity Levels and Growth Rates in Canada and the United States, 1946-2001, with Alternative US Hours Data
Appendix Table 9: Comparison of Estimates of Average Annual Hours Worked in the United States, 1990-2001
Appendix Table 10: Statistical Revisions to the US National Accounts, July 31 2002

Charts and Appendix Chart

- Chart 1: Real GDP per Capita in Canada and the United States (average annual rates of change)
Chart 2: Real GDP per Hour Worked in Canada and the United States (average annual rates of change)
Chart 3: Trends in the Canada-US GDP Per Capita and GDP Per Hour Worked Gaps, 1946-2001
Chart 4: GDP per Capita Levels, Canada as a Percentage of the United States, 1946-2001
Chart 5: Personal Income per Capital Levels, Canada as a Percentage of the United States, 1946-2001
Chart 6: Personal Disposable Income per Capita Levels, Canada as a Percentage of the United States, 1946-2001
Chart 7: Real GDP per Worker Levels, Canada as a Percentage of the United States, 1946-2001
Chart 8: Real GDP per Hour Levels, Canada as a Percentage of the United States, 1946-2001
Appendix Chart 1: Personal Income and Corporate Profits as Percentages of GDP, Canada and the United States, 1961-2001

Table 1: Nominal Aggregate Per Capita Income Levels in Canada and the United States, 1946-2001

	Canada						United States			Canada as a % of the United States				
	GDP per capita, current dollars	Personal Income per capita, current dollars	Personal Disposable Income per capita, current dollars	GDP PPP	Individual Expenditure PPP	GDP per capita, current US dollars	Personal Income per capita, current US dollars	Personal Disposable Income per capita, current US dollars	GDP per capita, current US dollars	Personal Income per capita, current US dollars	Personal Disposable Income per capita, current US dollars	GDP per capita	Personal Income per capita	Personal Disposable Income per capita
1946	988	802	735	1.143	1.018	1,130	816	748	1,578	1,275	1,150	71.57	64.05	65.03
1947	1,097	868	802	1.197	1.060	1,312	920	849	1,702	1,338	1,199	77.09	68.75	70.85
1948	1,236	979	910	1.141	1.006	1,410	985	916	1,846	1,445	1,312	76.37	68.17	69.80
1949	1,277	994	930	1.088	0.959	1,390	953	892	1,801	1,401	1,286	77.13	68.03	69.36
1950	1,378	1,037	978	1.084	0.945	1,494	981	925	1,940	1,516	1,389	76.98	64.69	66.60
1951	1,578	1,195	1,112	1.020	0.927	1,611	1,108	1,031	2,201	1,677	1,499	73.20	66.05	68.78
1952	1,738	1,282	1,182	0.992	0.916	1,724	1,175	1,083	2,285	1,759	1,552	75.43	66.80	69.76
1953	1,778	1,313	1,205	1.010	0.934	1,795	1,227	1,126	2,381	1,834	1,622	75.39	66.92	69.42
1954	1,732	1,286	1,180	1.010	0.936	1,749	1,204	1,104	2,347	1,818	1,629	74.54	66.22	67.80
1955	1,857	1,351	1,243	1.036	0.932	1,924	1,260	1,159	2,512	1,917	1,715	76.58	65.72	67.60
1956	2,037	1,459	1,338	1.033	0.930	2,104	1,357	1,244	2,603	2,021	1,800	80.81	67.13	69.10
1957	2,062	1,511	1,381	1.048	0.933	2,161	1,410	1,288	2,694	2,097	1,866	80.21	67.24	69.04
1958	2,081	1,556	1,437	1.054	0.938	2,194	1,460	1,349	2,686	2,124	1,899	81.68	68.75	71.02
1959	2,154	1,603	1,469	1.060	0.929	2,283	1,490	1,365	2,865	2,224	1,983	79.69	67.00	68.87
1960	2,193	1,652	1,501	1.062	0.935	2,329	1,545	1,404	2,918	2,283	2,026	79.81	67.65	69.29
1961	2,221	1,646	1,489	1.069	0.935	2,375	1,538	1,392	2,970	2,342	2,081	79.96	65.69	66.88
1962	2,365	1,757	1,590	1.066	0.934	2,522	1,640	1,485	3,143	2,454	2,174	80.24	66.85	68.32
1963	2,493	1,840	1,666	1.056	0.931	2,633	1,714	1,552	3,268	2,541	2,249	80.56	67.47	69.01
1964	2,680	1,942	1,743	1.044	0.924	2,797	1,795	1,612	3,462	2,687	2,412	80.81	66.80	66.81
1965	2,902	2,095	1,874	1.025	0.921	2,973	1,928	1,725	3,705	2,868	2,567	80.24	67.24	67.21
1966	3,186	2,311	2,028	1.004	0.910	3,199	2,104	1,847	4,015	3,084	2,742	79.68	68.21	67.34
1967	3,365	2,478	2,143	0.992	0.908	3,337	2,249	1,945	4,197	3,272	2,899	79.51	68.74	67.11
1968	3,619	2,669	2,277	0.998	0.908	3,611	2,423	2,068	4,541	3,559	3,119	79.53	68.08	66.28
1969	3,928	2,930	2,451	1.001	0.917	3,932	2,685	2,247	4,860	3,851	3,329	80.90	69.73	67.49
1970	4,167	3,133	2,584	1.005	0.937	4,188	2,935	2,422	5,070	4,101	3,591	82.61	71.57	67.43
1971	4,491	3,399	2,790	1.022	0.951	4,589	3,231	2,652	5,434	4,358	3,860	84.45	74.15	68.71
1972	4,956	3,804	3,138	1.005	0.936	4,980	3,561	2,937	5,909	4,736	4,138	84.28	75.18	70.99
1973	5,744	4,388	3,620	0.970	0.923	5,571	4,052	3,343	6,537	5,253	4,619	85.21	77.13	72.38
1974	6,765	5,180	4,240	0.922	0.926	6,235	4,799	3,929	7,017	5,730	5,013	88.85	83.75	78.37
1975	7,514	5,930	4,882	0.913	0.911	6,863	5,405	4,450	7,571	6,166	5,470	90.65	87.66	81.35
1976	8,541	6,683	5,462	0.884	0.896	7,551	5,990	4,896	8,363	6,765	5,960	90.29	88.54	82.15
1977	9,330	7,320	5,988	0.881	0.885	8,219	6,481	5,302	9,222	7,432	6,519	89.13	87.22	81.34
1978	10,246	8,093	6,699	0.885	0.874	9,069	7,074	5,855	10,313	8,302	7,253	87.94	85.20	80.72
1979	11,582	9,024	7,488	0.875	0.891	10,139	8,044	6,675	11,401	9,247	8,033	88.94	86.99	83.10
1980	12,859	10,147	8,413	0.861	0.919	11,075	9,326	7,733	12,276	10,205	8,869	90.22	91.39	87.18
1981	14,523	11,716	9,613	0.849	0.902	12,327	10,568	8,671	13,614	11,301	9,773	90.55	93.51	88.72
1982	15,123	12,810	10,489	0.831	0.864	12,571	11,064	9,059	14,035	11,922	10,364	89.57	92.81	87.41
1983	16,217	13,364	10,862	0.820	0.842	13,291	11,259	9,150	15,085	12,576	11,036	88.11	89.53	82.92
1984	17,557	14,345	11,683	0.823	0.842	14,450	12,082	9,840	16,636	13,853	12,215	86.86	87.21	80.55
1985	18,795	15,395	12,498	0.823	0.839	15,477	12,909	10,480	17,664	14,738	12,941	87.62	87.59	80.98
1986	19,637	16,312	13,042	0.817	0.820	16,041	13,379	10,697	18,501	15,425	13,555	86.70	86.74	78.91
1987	21,132	17,304	13,693	0.804	0.815	16,997	14,097	11,155	19,529	16,317	14,246	87.04	86.40	78.31
1988	22,878	18,753	14,748	0.796	0.815	18,210	15,290	12,025	20,845	17,433	15,312	87.36	87.71	78.53
1989	24,105	20,022	15,860	0.790	0.814	19,052	16,304	12,915	22,188	18,594	16,235	85.87	87.69	79.55
1990	24,545	21,175	16,512	0.796	0.819	19,535	17,337	13,519	23,215	19,614	17,176	84.15	88.39	78.71
1991	24,450	21,595	16,857	0.801	0.808	19,589	17,452	13,623	23,629	20,074	17,663	82.90	86.94	77.12
1992	24,685	21,872	17,034	0.81	0.82	19,995	17,935	13,968	24,618	21,001	18,524	81.22	85.40	75.41
1993	25,335	22,055	17,244	0.82	0.83	20,774	18,306	14,312	25,544	21,574	18,979	81.33	84.85	75.41
1994	26,549	22,260	17,278	0.83	0.83	22,036	18,476	14,341	26,799	22,369	19,623	82.22	82.60	73.08
1995	27,609	22,897	17,701	0.83	0.84	22,915	19,233	14,869	27,783	23,280	20,358	82.48	82.62	73.04
1996	28,204	23,160	17,787	0.84	0.85	23,691	19,686	15,119	28,993	24,296	21,069	81.71	81.03	71.76
1997	29,437	23,860	18,213	0.84	0.85	24,727	20,281	15,481	30,498	25,433	21,881	81.08	79.74	70.75
1998	30,249	24,739	18,803	0.86	0.85	26,014	21,028	15,983	31,822	26,910	23,031	81.75	78.14	69.40
1999	32,149	25,692	19,563	0.85	0.85	27,327	21,838	16,629	33,224	27,894	23,742	82.25	78.29	70.04
2000	34,612	27,263	20,724	0.84	0.85	29,074	23,174	17,615	34,779	29,759	25,205	83.60	77.87	69.89
2001	35,141	28,076	21,425	0.85	0.85	29,870	23,865	18,211	35,264	30,378	25,859	84.70	78.56	70.43

The GDP PPPs for 1946-1991 were calculated by multiplying the 1992 PPP estimate by the index value (1992=1.00) of the US GDP deflator as a percentage of the Canadian GDP deflator in each year. A similar process was followed for the individual expenditure PPPs using the CPI. PPPs for 1992-2001 are from Purchasing Power Parities and Real Expenditures, United States and Canada, 1992-2001, Statistics Canada publication 13-604-MIB no. 39, June 2002.

Income and population data for Canada from Table 2 and Appendix Table 1, and for the United States from Table 3 and Appendix Table 4.

Table 2: Real Aggregate Per Capita Income Levels and Growth Rates in Canada, 1946-2001

	Population (on July 1st of each year)	Personal Income (millions of current dollars)	Personal Disposable Income (millions of current dollars)	CPI	Real GDP (millions of chained 1997 dollars)	Personal Income (millions of 1997 dollars)	Personal Disposable Income (millions of 1997 dollars)	GDP per capita (chained 1997 dollars)	PI per capita (1997 dollars)	PDI per capita (dollars)
1946	12,516,595	10,041	9,201	10.41	124,268	96,462	88,400	9,928	7,707	7,063
1947	12,780,327	11,096	10,244	11.43	129,467	97,066	89,614	10,130	7,595	7,012
1948	13,057,297	12,788	11,884	13.01	132,763	98,283	91,336	10,168	7,527	6,995
1949	13,692,698	13,604	12,731	13.48	137,900	100,953	94,473	10,071	7,373	6,899
1950	13,962,540	14,484	13,658	13.85	148,180	104,594	98,633	10,613	7,491	7,064
1951	14,264,967	17,052	15,869	15.24	155,789	111,878	104,114	10,921	7,843	7,299
1952	14,723,189	18,881	17,398	15.71	169,509	120,213	110,768	11,513	8,165	7,523
1953	15,116,242	19,854	18,216	15.52	178,372	127,921	117,367	11,800	8,462	7,764
1954	15,566,318	20,024	18,370	15.61	176,189	128,246	117,656	11,319	8,239	7,558
1955	15,984,828	21,596	19,874	15.61	192,738	138,315	127,290	12,058	8,653	7,963
1956	16,374,826	23,897	21,906	15.89	208,875	150,368	137,840	12,756	9,183	8,418
1957	16,913,491	25,561	23,352	16.36	213,912	156,272	142,767	12,647	9,240	8,441
1958	17,392,079	27,065	24,996	16.73	218,800	161,790	149,422	12,580	9,303	8,591
1959	17,802,442	28,545	26,155	17.01	227,259	167,838	153,785	12,766	9,428	8,638
1960	18,196,514	30,055	27,314	17.19	233,637	174,807	158,861	12,840	9,607	8,730
1961	18,571,238	30,572	27,660	17.38	240,475	175,912	159,156	12,949	9,472	8,570
1962	18,922,541	33,238	30,093	17.57	256,765	189,228	171,323	13,569	10,000	9,054
1963	19,276,900	35,476	32,122	17.84	270,028	198,813	180,017	14,008	10,314	9,338
1964	19,643,478	38,146	34,248	18.22	288,035	209,414	188,015	14,663	10,661	9,571
1965	20,002,927	41,904	37,490	18.59	306,026	225,444	201,696	15,299	11,271	10,083
1966	20,380,706	47,098	41,339	19.33	326,174	243,642	213,850	16,004	11,955	10,493
1967	20,750,339	51,409	44,462	19.98	336,011	257,284	222,517	16,193	12,399	10,724
1968	21,079,241	56,253	48,001	20.82	354,138	270,215	230,576	16,800	12,819	10,939
1969	21,384,722	62,650	52,419	21.75	372,887	288,083	241,038	17,437	13,471	11,271
1970	21,686,130	67,932	56,042	22.49	382,411	302,045	249,178	17,634	13,928	11,490
1971	21,962,082	74,650	61,276	23.14	404,028	322,584	264,791	18,397	14,688	12,057
1972	22,219,560	84,533	69,728	24.26	425,494	348,496	287,461	19,150	15,684	12,937
1973	22,493,842	98,699	81,434	26.12	456,270	377,936	311,826	20,284	16,802	13,863
1974	22,808,446	118,139	96,717	28.90	475,143	408,738	334,622	20,832	17,920	14,671
1975	23,142,275	137,240	112,984	32.06	485,393	428,030	352,379	20,974	18,496	15,227
1976	23,449,793	156,705	128,093	34.48	512,145	454,487	371,504	21,840	19,381	15,843
1977	23,726,345	173,675	142,080	37.17	529,905	467,186	382,195	22,334	19,691	16,108
1978	23,963,967	193,951	160,524	40.52	551,386	478,650	396,156	23,009	19,974	16,531
1979	24,202,205	218,391	181,233	44.24	574,670	493,674	409,678	23,745	20,398	16,927
1980	24,516,278	248,761	206,266	48.70	582,404	510,815	423,554	23,756	20,836	17,276
1981	24,820,382	290,789	238,606	54.74	600,253	531,221	435,891	24,184	21,403	17,562
1982	25,117,424	321,752	263,452	60.69	583,089	530,176	434,111	23,215	21,108	17,283
1983	25,366,965	339,013	275,529	64.22	598,941	527,899	429,044	23,611	20,810	16,913
1984	25,607,555	367,333	299,169	67.01	633,756	548,197	446,471	24,749	21,408	17,435
1985	25,842,590	397,858	322,989	69.70	664,059	570,794	463,382	25,696	22,087	17,931
1986	26,100,587	425,757	340,403	72.58	680,144	586,574	468,980	26,059	22,474	17,968
1987	26,449,888	457,702	362,185	75.74	709,058	604,279	478,173	26,808	22,846	18,078
1988	26,798,303	502,542	395,217	78.81	744,333	637,659	501,478	27,775	23,795	18,713
1989	27,286,239	546,324	432,772	82.71	763,837	660,500	523,216	27,993	24,206	19,175
1990	27,700,856	586,566	457,400	86.71	765,311	676,468	527,505	27,628	24,420	19,043
1991	28,030,864	605,322	472,509	91.54	749,294	661,245	516,162	26,731	23,590	18,414
1992	28,376,550	620,653	483,370	92.94	755,848	667,823	520,106	26,636	23,534	18,329
1993	28,703,142	633,059	494,944	94.61	773,528	669,127	523,143	26,949	23,312	18,226
1994	29,035,981	646,348	501,678	94.80	810,695	681,834	529,221	27,920	23,482	18,226
1995	29,353,854	672,111	519,588	96.84	833,456	694,042	536,542	28,393	23,644	18,278

Continues next page.

Table 2: Real Aggregate Per Capita Income Levels and Growth Rates in Canada, 1946-2001, (cont.)

1996	29,671,892	687,203	527,783	98.42	846,952	698,235	536,255	28,544	23,532	18,073
1997	29,987,214	715,495	546,166	100.00	882,733	715,495	546,166	29,437	23,860	18,213
1998	30,248,210	748,321	568,766	100.93	918,910	741,430	563,529	30,379	24,512	18,630
1999	30,499,219	783,596	596,657	102.70	968,451	763,031	580,998	31,753	25,018	19,050
2000	30,769,669	838,880	637,673	105.48	1,012,334	795,273	604,525	32,900	25,846	19,647
2001	31,081,887	872,657	665,924	108.18	1,027,522	806,683	615,579	33,059	25,953	19,805
46-01	1.67	8.46	8.10	4.35	3.92	3.94	3.59	2.21	2.23	1.89
46-73	2.19	8.83	8.41	3.47	4.94	5.19	4.78	2.68	2.93	2.53
73-01	1.16	8.09	7.79	5.21	2.94	2.74	2.46	1.76	1.57	1.28
73-81	1.24	14.46	14.38	9.69	3.49	4.35	4.28	2.22	3.07	3.00
81-89	1.19	8.20	7.73	5.30	3.06	2.76	2.31	1.85	1.55	1.10
89-01	1.09	3.98	3.66	2.26	2.50	1.68	1.36	1.40	0.58	0.27
89-95	1.22	3.51	3.09	2.66	1.46	0.83	0.42	0.24	-0.39	-0.80
95-01	0.96	4.45	4.22	1.86	3.55	2.54	2.32	2.57	1.57	1.35

PI and PDI from CANSIM II v647016, v647037 as of June 3 2002, linked to series from the Historical Statistics of Canada in 1961.

CPI from series v737344, July 9 2002. See Appendix Table 1 for other data sources.

Note: real PI and PDI are nominal PI and PDI deflated by the CPI. It is also possible to use the personal consumption deflator, but this does not greatly affect the numbers. Between 1961 and 2001 CPI grew at an average annual rate of 4.68 per cent per year compared to 4.56 per cent per year for the personal consumption deflator. Real PDI as deflated by the personal consumption deflator is \$20,116 in 2001 compared to the present \$19,805.

Table 3: Real Aggregate Per Capita Income Levels and Growth Rates in the United States, 1946-2001

	Population (annual average of mid-month estimates)	Nominal GDP at market prices (billions of current dollars)	Personal Income (billions of current dollars)	Personal Disposable Income (billions of current dollars)	CPI	GDP Deflator	Real GDP (billions of 1996 chained dollars)	Personal Income (billions of 1996 dollars)	Personal Disposable Income (billions of 1996 dollars)	GDP per capita (1996 chained dollars)	Personal Income per capita (1996 dollars)	Personal Disposable Income per capita (1996 dollars)
1946	140,832	222	180	162	12.43	14.77	1,506	1,444	1,303	10,690	10,255	9,256
1947	143,559	244	192	172	14.21	16.35	1,495	1,352	1,211	10,415	9,415	8,435
1948	146,054	270	211	192	15.36	17.28	1,560	1,374	1,247	10,681	9,410	8,541
1949	148,601	268	208	191	15.17	17.26	1,551	1,373	1,260	10,437	9,236	8,478
1950	151,672	294	230	211	15.36	17.45	1,687	1,497	1,371	11,120	9,868	9,040
1951	154,268	340	259	231	16.57	18.70	1,815	1,561	1,395	11,766	10,120	9,044
1952	156,933	359	276	244	16.89	19.00	1,887	1,635	1,442	12,026	10,417	9,191
1953	159,553	380	293	259	17.02	19.25	1,974	1,719	1,521	12,371	10,777	9,532
1954	162,384	381	295	265	17.14	19.44	1,961	1,722	1,543	12,073	10,603	9,501
1955	165,278	415	317	283	17.08	19.78	2,100	1,855	1,659	12,703	11,222	10,039
1956	168,238	438	340	303	17.34	20.46	2,141	1,961	1,747	12,727	11,658	10,382
1957	171,307	462	359	320	17.91	21.13	2,184	2,006	1,785	12,748	11,711	10,420
1958	174,194	468	370	331	18.42	21.63	2,163	2,009	1,796	12,416	11,532	10,310
1959	177,130	507	394	351	18.55	21.88	2,319	2,124	1,894	13,092	11,993	10,690
1960	180,760	527	413	366	18.87	22.19	2,377	2,188	1,941	13,148	12,102	10,739
1961	183,742	546	430	382	19.06	22.44	2,432	2,258	2,007	13,236	12,289	10,921
1962	186,590	587	458	406	19.25	22.74	2,579	2,379	2,107	13,821	12,750	11,293
1963	189,300	619	481	426	19.50	23.00	2,690	2,466	2,183	14,212	13,029	11,533
1964	191,927	664	516	463	19.76	23.34	2,847	2,611	2,343	14,831	13,602	12,210
1965	194,347	720	557	499	20.08	23.78	3,029	2,776	2,485	15,583	14,286	12,786
1966	196,599	789	606	539	20.65	24.46	3,228	2,937	2,611	16,417	14,937	13,279
1967	198,752	834	650	576	21.29	25.21	3,308	3,055	2,707	16,645	15,373	13,619
1968	200,745	912	715	626	22.18	26.30	3,466	3,221	2,823	17,266	16,047	14,064
1969	202,736	985	781	675	23.39	27.59	3,571	3,338	2,886	17,616	16,465	14,234
1970	205,089	1,040	841	737	24.73	29.06	3,578	3,401	2,978	17,446	16,584	14,522
1971	207,692	1,129	905	802	25.81	30.52	3,698	3,506	3,106	17,804	16,883	14,954
1972	209,924	1,240	994	869	26.64	31.82	3,898	3,732	3,260	18,571	17,779	15,531
1973	211,939	1,386	1,113	979	28.30	33.60	4,123	3,935	3,460	19,456	18,564	16,323
1974	213,898	1,501	1,226	1,072	31.42	36.62	4,099	3,901	3,413	19,163	18,236	15,955
1975	215,981	1,635	1,332	1,181	34.29	40.04	4,084	3,884	3,445	18,911	17,982	15,952
1976	218,086	1,824	1,475	1,300	36.27	42.30	4,312	4,068	3,584	19,771	18,655	16,436
1977	220,289	2,031	1,637	1,436	38.62	45.02	4,512	4,239	3,718	20,481	19,241	16,878
1978	222,629	2,296	1,848	1,615	41.56	48.23	4,761	4,448	3,886	21,384	19,979	17,455
1979	225,106	2,566	2,082	1,808	46.27	52.25	4,912	4,498	3,908	21,821	19,984	17,360
1980	227,726	2,796	2,324	2,020	52.52	57.04	4,901	4,425	3,846	21,521	19,431	16,889
1981	230,008	3,131	2,599	2,248	57.93	62.36	5,021	4,487	3,880	21,830	19,507	16,869
1982	232,218	3,259	2,768	2,407	61.50	66.25	4,919	4,501	3,913	21,184	19,383	16,852
1983	234,332	3,535	2,947	2,586	63.48	68.88	5,132	4,642	4,074	21,902	19,811	17,384
1984	236,394	3,933	3,275	2,888	66.22	71.44	5,505	4,945	4,361	23,288	20,920	18,446
1985	238,506	4,213	3,515	3,087	68.58	73.69	5,717	5,125	4,501	23,970	21,490	18,870
1986	240,682	4,453	3,712	3,263	69.85	75.31	5,912	5,315	4,670	24,565	22,081	19,405
1987	242,842	4,743	3,963	3,460	72.40	77.58	6,113	5,473	4,778	25,174	22,537	19,676
1988	245,061	5,108	4,272	3,752	75.40	80.21	6,368	5,666	4,977	25,987	23,121	20,308
1989	247,387	5,489	4,600	4,016	79.03	83.27	6,592	5,820	5,082	26,646	23,527	20,542
1990	249,981	5,803	4,903	4,294	83.30	86.51	6,708	5,886	5,154	26,834	23,546	20,619
1991	253,336	5,986	5,085	4,475	86.81	89.66	6,676	5,858	5,155	26,354	23,125	20,348
1992	256,677	6,319	5,390	4,755	89.42	91.84	6,880	6,028	5,317	26,804	23,485	20,715
1993	260,037	6,642	5,610	4,935	92.10	94.05	7,063	6,091	5,359	27,160	23,425	20,608
1994	263,226	7,054	5,888	5,165	94.46	96.01	7,348	6,234	5,469	27,914	23,682	20,775
1995	266,364	7,401	6,201	5,423	97.13	98.10	7,544	6,384	5,583	28,321	23,967	20,959
1996	269,485	7,813	6,547	5,678	100.00	100.00	7,813	6,547	5,678	28,993	24,296	21,069
1997	272,756	8,318	6,937	5,968	102.29	101.95	8,160	6,781	5,834	29,915	24,863	21,390
1998	275,955	8,782	7,426	6,356	103.89	103.20	8,509	7,148	6,118	30,834	25,903	22,169
1999	279,144	9,274	7,787	6,627	106.18	104.69	8,859	7,333	6,242	31,736	26,270	22,360
2000	282,489	9,825	8,407	7,120	109.75	106.89	9,191	7,660	6,488	32,537	27,115	22,966
2001	285,908	10,082	8,685	7,393	112.87	109.42	9,215	7,695	6,550	32,229	26,913	22,909
46-01	1.30	7.18	7.31	7.19	4.09	3.71	3.35	3.09	2.98	2.03	1.77	1.66
46-73	1.53	7.01	6.99	6.89	3.09	3.09	3.80	3.78	3.68	2.24	2.22	2.12
73-01	1.07	7.35	7.61	7.49	5.07	4.31	2.91	2.42	2.31	1.82	1.34	1.22
73-81	1.03	10.73	11.18	10.95	9.37	8.04	2.49	1.66	1.44	1.45	0.62	0.41
81-89	0.91	7.27	7.39	7.52	3.96	3.68	3.46	3.31	3.43	2.52	2.37	2.49
89-01	1.21	5.20	5.44	5.22	3.01	2.30	2.83	2.35	2.14	1.60	1.13	0.91
89-95	1.24	5.11	5.10	5.13	3.50	2.77	2.27	1.55	1.58	1.02	0.31	0.34
95-01	1.19	5.29	5.78	5.30	2.54	1.84	3.39	3.16	2.70	2.18	1.95	1.49

Nominal GDP, PI and PDI from the BEA NIPA tables, August 7 2002. CPI has been re-based. GDP deflator is real/nominal GDP * 100. See Appendix Table 4 for other data sources.

Table 3A: Real Aggregate per Capita Income Levels in Canada as a Percentage of the United States, 1946-2001

	Canada					Canada in US dollars			Canada as a % of the United States		
	GDP per capita (chained 1997 dollars)	PI per capita (1997 dollars)	PDI per capita (1997 dollars)	GDP PPP in 1997	Individual Expenditure PPP 1997	GDP per capita	Personal Income per capita	Personal Disposable Income per capita	GDP per capita	Personal Income per capita	Personal Disposable Income per capita
1946	9,928	7,707	7,063	0.84	0.85	8,340	6,551	6,003	76.5	62.4	63.4
1947	10,130	7,595	7,012	0.84	0.85	8,509	6,456	5,960	80.1	67.0	69.1
1948	10,168	7,527	6,995	0.84	0.85	8,541	6,398	5,946	78.4	66.5	68.1
1949	10,071	7,373	6,899	0.84	0.85	8,460	6,267	5,865	79.5	66.3	67.6
1950	10,613	7,491	7,064	0.84	0.85	8,915	6,367	6,005	78.6	63.1	64.9
1951	10,921	7,843	7,299	0.84	0.85	9,174	6,666	6,204	76.5	64.4	67.1
1952	11,513	8,165	7,523	0.84	0.85	9,671	6,940	6,395	78.9	65.1	68.0
1953	11,800	8,462	7,764	0.84	0.85	9,912	7,193	6,600	78.6	65.3	67.7
1954	11,319	8,239	7,558	0.84	0.85	9,508	7,003	6,425	77.2	64.6	66.1
1955	12,058	8,653	7,963	0.84	0.85	10,128	7,355	6,769	78.2	64.1	65.9
1956	12,756	9,183	8,418	0.84	0.85	10,715	7,805	7,155	82.6	65.5	67.4
1957	12,647	9,240	8,441	0.84	0.85	10,624	7,854	7,175	81.7	65.6	67.3
1958	12,580	9,303	8,591	0.84	0.85	10,568	7,907	7,303	83.5	67.0	69.2
1959	12,766	9,428	8,638	0.84	0.85	10,723	8,014	7,343	80.3	65.3	67.1
1960	12,840	9,607	8,730	0.84	0.85	10,785	8,166	7,421	80.5	66.0	67.6
1961	12,949	9,472	8,570	0.84	0.85	10,877	8,051	7,285	80.6	64.0	65.2
1962	13,569	10,000	9,054	0.84	0.85	11,398	8,500	7,696	80.9	65.2	66.6
1963	14,008	10,314	9,338	0.84	0.85	11,767	8,767	7,938	81.2	65.8	67.3
1964	14,663	10,661	9,571	0.84	0.85	12,317	9,062	8,136	81.5	65.1	65.1
1965	15,299	11,271	10,083	0.84	0.85	12,851	9,580	8,571	80.9	65.6	65.5
1966	16,004	11,955	10,493	0.84	0.85	13,443	10,161	8,919	80.3	66.5	65.7
1967	16,193	12,399	10,724	0.84	0.85	13,602	10,539	9,115	80.2	67.0	65.4
1968	16,800	12,819	10,939	0.84	0.85	14,112	10,896	9,298	80.2	66.4	64.6
1969	17,437	13,471	11,271	0.84	0.85	14,647	11,451	9,581	81.6	68.0	65.8
1970	17,634	13,928	11,490	0.84	0.85	14,812	11,839	9,767	83.3	69.8	65.7
1971	18,397	14,688	12,057	0.84	0.85	15,453	12,485	10,248	85.1	72.3	67.0
1972	19,150	15,684	12,937	0.84	0.85	16,086	13,332	10,997	85.0	73.3	69.2
1973	20,284	16,802	13,863	0.84	0.85	17,039	14,282	11,783	85.9	75.2	70.6
1974	20,832	17,920	14,671	0.84	0.85	17,499	15,232	12,470	89.6	81.7	76.4
1975	20,974	18,496	15,227	0.84	0.85	17,618	15,721	12,943	91.4	85.5	79.3
1976	21,840	19,381	15,843	0.84	0.85	18,346	16,474	13,466	91.0	86.3	80.1
1977	22,334	19,691	16,108	0.84	0.85	18,761	16,737	13,692	89.8	85.0	79.3
1978	23,009	19,974	16,531	0.84	0.85	19,328	16,978	14,052	88.7	83.1	78.7
1979	23,745	20,398	16,927	0.84	0.85	19,945	17,338	14,388	89.7	84.8	81.0
1980	23,756	20,836	17,276	0.84	0.85	19,955	17,710	14,685	91.0	89.1	85.0
1981	24,184	21,403	17,562	0.84	0.85	20,314	18,192	14,928	91.3	91.2	86.5
1982	23,215	21,108	17,283	0.84	0.85	19,500	17,942	14,691	90.3	90.5	85.2
1983	23,611	20,810	16,913	0.84	0.85	19,833	17,689	14,376	88.8	87.3	80.8
1984	24,749	21,408	17,435	0.84	0.85	20,789	18,196	14,820	87.6	85.0	78.5
1985	25,696	22,087	17,931	0.84	0.85	21,585	18,774	15,241	88.3	85.4	79.0
1986	26,059	22,474	17,968	0.84	0.85	21,889	19,103	15,273	87.4	84.6	76.9
1987	26,808	22,846	18,078	0.84	0.85	22,518	19,419	15,367	87.7	84.2	76.3
1988	27,775	23,795	18,713	0.84	0.85	23,331	20,226	15,906	88.1	85.5	76.6
1989	27,993	24,206	19,175	0.84	0.85	23,515	20,575	16,299	86.6	85.5	77.6
1990	27,628	24,420	19,043	0.84	0.85	23,207	20,757	16,186	84.8	86.2	76.7
1991	26,731	23,590	18,414	0.84	0.85	22,454	20,051	15,652	83.6	84.8	75.2
1992	26,636	23,534	18,329	0.84	0.85	22,375	20,004	15,579	81.9	83.3	73.5
1993	26,949	23,312	18,226	0.84	0.85	22,637	19,815	15,492	81.8	82.7	73.5
1994	27,920	23,482	18,226	0.84	0.85	23,453	19,960	15,492	82.4	82.4	72.9
1995	28,393	23,644	18,278	0.84	0.85	23,850	20,097	15,537	82.6	82.0	72.5
1996	28,544	23,532	18,073	0.84	0.85	23,977	20,002	15,362	81.1	80.5	71.3
1997	29,437	23,860	18,213	0.84	0.85	24,727	20,281	15,481	81.1	79.7	70.8
1998	30,379	24,512	18,630	0.84	0.85	25,518	20,835	15,836	81.2	78.6	69.8
1999	31,753	25,018	19,050	0.84	0.85	26,673	21,265	16,192	82.4	79.1	70.8
2000	32,900	25,846	19,647	0.84	0.85	27,636	21,969	16,700	83.3	79.2	71.1
2001	33,059	25,953	19,805	0.84	0.85	27,769	22,060	16,834	84.5	80.1	71.8

Source: Tables 2 and 3

Table 4: Relative Real Per Capita GDP in OECD Countries, 1950-2001, selected years

US=100 in all years

	1950	1973	1989	1995	2001
Australia	78.5	76.6	74.0	76.9	77.6
Austria	41.4	71.9	75.4	77.2	74.6
Belgium	60.4	77.1	76.8	77.6	75.9
Canada	81.9	87.3	87.5	81.6	77.9
Denmark	75.3	86.6	82.1	83.6	80.7
Finland	45.7	68.2	75.4	65.8	71.5
France	53.2	75.9	74.2	72.4	69.7
Unified Germany	na	na	81.4	75.5	69.7
West Germany	54.5	89.6	89.2	81.9	na
Greece	22.1	50.7	48.2	46.0	47.2
Ireland	38.1	43.5	49.9	61.5	82.1
Italy	38.5	67.1	73.0	72.9	69.1
Japan	20.2	68.8	78.2	80.3	72.9
Netherlands	62.9	78.9	72.9	75.1	75.1
New Zealand	88.8	75.3	61.2	59.8	55.8
Norway	56.5	66.7	78.0	85.8	84.0
Portugal	22.2	45.1	46.0	48.8	49.8
Spain	26.2	54.8	53.5	54.5	56.4
Sweden	70.9	81.3	76.7	71.5	71.0
Switzerland	100.6	115.7	96.9	88.3	81.9
Turkey	16.3	19.3	18.9	20.1	17.8
U.K.	71.0	70.8	70.0	69.1	68.2
USA	100.0	100.0	100.0	100.0	100.0
Unweighted Average					
Excluding USA	51.7	68.8	68.8	68.9	68.6

Source: Groningen Growth and Development Centre & The Conference Board, June 13 2002.

www.eco.rug.nl/GGDC/index-dseries.html

Note: the unweighted average includes only countries for which data are available for all five years (ie. Unified Germany and West Germany are not included). New Zealand is also excluded for consistency with Tables 12 and 13.

**Table 5: Growth Rates for Real GDP Per Capita, 1950-2001,
selected periods**

average annual growth rates, %

	1950-1973	1973-1989	1989-1995	1995-2001	1950-2001
Australia	2.34	1.82	1.90	2.79	2.18
Austria	4.94	2.35	1.62	2.08	3.39
Belgium	3.55	2.01	1.42	2.28	2.66
Canada	2.74	2.06	0.06	1.87	2.10
Denmark	3.08	1.70	1.55	2.04	2.34
Finland	4.25	2.69	-1.03	4.08	3.11
France	4.05	1.90	0.82	1.99	2.74
Unified Germany	na	na	-0.02	1.29	na
West Germany	4.69	2.02	-0.20	na	na
Greece	6.21	1.72	0.45	3.09	3.73
Ireland	3.04	2.92	4.83	7.72	3.75
Italy	4.95	2.58	1.23	1.73	3.38
Japan	8.05	2.85	1.71	1.01	4.80
Netherlands	3.47	1.54	1.75	2.65	2.56
New Zealand	1.72	0.72	0.86	1.46	1.27
Norway	3.19	3.05	2.87	2.28	3.00
Portugal	5.66	2.17	2.22	3.01	3.84
Spain	5.79	1.89	1.56	3.22	3.75
Sweden	3.07	1.67	0.06	2.54	2.21
Switzerland	3.08	0.92	-0.31	1.36	1.79
Turkey	3.20	1.91	2.31	0.62	2.38
U.K.	2.44	1.96	1.04	2.43	2.12
USA	2.45	2.04	1.24	2.65	2.20
Unweighted Average					
Excluding USA	3.73	2.05	1.26	2.57	2.77

Source: Groningen Growth and Development Centre & The Conference Board, June 13 2002.
www.eco.rug.nl/GGDC/index-dseries.html

Note: the unweighted average includes only countries for which data are available for all five years (ie. Unified Germany and West Germany are not included). New Zealand is also discluded for consistency with Tables 12 and 13.

Table 6: Real Per Capita GDP and its Determinants in Canada, 1946-2001

	GDP per Hour (1997 chained dollars)	Average Hours	Working age Population to Total Population, %	Labour Force Participatio n Rate, %	1-Unemploy- ment Rate, %	GDP per Capita (1997 chained dollars)
1946	9.34	53.18	71.80	55.38	96.67	9,928
1947	9.53	52.39	72.14	55.24	97.80	10,130
1948	9.62	52.78	71.66	54.93	97.74	10,168
1949	9.93	52.71	69.29	54.91	97.25	10,071
1950	10.91	50.87	70.49	54.06	96.45	10,613
1951	11.27	50.56	69.84	54.03	97.62	10,921
1952	12.22	50.02	69.22	53.83	97.13	11,513
1953	12.82	49.55	68.83	53.46	97.04	11,800
1954	12.81	48.92	68.33	53.22	95.51	11,319
1955	13.94	48.05	67.86	53.30	95.69	12,058
1956	14.59	47.78	67.56	53.86	96.64	12,756
1957	14.87	46.79	67.32	54.38	95.43	12,647
1958	15.80	45.24	67.03	54.25	93.05	12,580
1959	16.18	44.61	66.73	54.15	94.12	12,766
1960	16.82	43.41	66.55	54.55	93.14	12,840
1961	17.45	42.43	66.44	54.47	92.95	12,949
1962	18.13	42.40	66.43	54.23	94.18	13,569
1963	18.80	41.99	66.57	54.19	94.53	14,008
1964	19.48	41.70	66.79	54.46	95.39	14,663
1965	20.06	41.44	67.18	54.76	96.13	15,299
1966	20.43	41.11	65.71	57.66	96.69	16,004
1967	20.78	40.46	66.32	58.01	96.23	16,193
1968	22.08	39.37	67.04	57.98	95.56	16,800
1969	22.90	38.75	67.79	58.25	95.64	17,437
1970	23.78	37.85	68.58	58.17	94.41	17,634
1971	24.82	37.45	69.32	58.48	93.89	18,397
1972	25.71	36.97	69.96	58.98	93.87	19,150
1973	26.33	36.88	70.65	60.15	94.52	20,284
1974	26.53	36.59	71.47	60.94	94.74	20,832
1975	27.20	35.83	72.20	61.51	93.17	20,974
1976	28.52	35.32	72.90	61.50	92.98	21,840
1977	29.11	35.31	73.49	61.80	92.02	22,334
1978	29.12	35.65	74.19	62.65	91.68	23,009
1979	29.07	35.67	74.87	63.58	92.51	23,745
1980	29.08	35.11	75.39	64.17	92.50	23,756

Continues next page

Table 6: Real Per Capita GDP and its Determinants in Canada, 1946-2001 (cont.)

	GDP per Hour (1997 chained dollars)	Average Hours	Working age Population to Total Population, %	Labour Force Participatio n Rate, %	1-Unemploy- ment Rate, %	GDP per Capita (1997 chained dollars)
1981	29.55	34.58	75.80	64.96	92.43	24,184
1982	29.75	34.43	76.06	64.37	89.03	23,215
1983	30.30	34.48	76.30	64.70	88.06	23,611
1984	31.23	34.53	76.53	65.00	88.70	24,749
1985	31.63	34.75	76.78	65.53	89.35	25,696
1986	31.44	34.73	76.98	65.98	90.36	26,059
1987	31.97	34.62	76.93	66.40	91.19	26,808
1988	31.99	35.20	76.93	66.84	92.25	27,775
1989	31.72	35.66	76.60	67.20	92.45	27,993
1990	31.99	35.16	76.59	67.12	91.88	27,628
1991	32.53	34.47	76.85	66.53	89.68	26,731
1992	33.57	33.93	77.06	65.68	88.84	26,636
1993	33.64	34.39	77.27	65.40	88.64	26,949
1994	34.14	34.83	77.28	65.18	89.64	27,920
1995	34.70	34.58	77.42	64.90	90.56	28,393
1996	34.75	34.82	77.62	64.69	90.36	28,544
1997	35.36	34.85	77.90	64.87	90.90	29,437
1998	36.19	34.53	78.26	65.13	91.72	30,379
1999	36.81	34.82	78.59	65.59	92.43	31,753
2000	37.23	35.07	78.92	65.88	93.19	32,900
2001	38.12	34.39	79.20	65.99	92.80	33,059

Average Annual Growth Rates

1946-2001	2.59	-0.79	0.18	0.32	-0.07	2.21
1946-1973	3.91	-1.35	-0.06	0.31	-0.08	2.68
1973-2001	1.33	-0.25	0.41	0.33	-0.07	1.76
1973-1981	1.45	-0.80	0.88	0.97	-0.28	2.22
1981-1989	0.89	0.39	0.13	0.42	0.00	1.85
1989-2001	1.54	-0.30	0.28	-0.15	0.03	1.40
1989-1995	1.51	-0.51	0.18	-0.58	-0.34	0.24
1995-2001	1.58	-0.10	0.38	0.28	0.41	2.57

See Appendix Table 1 for data sources.

Table 7: Contributions to Real Per Capita GDP Growth in Canada, 1946-2001

	GDP per Hour	Average Hours	Working age Population to Total Population	Labour Force Partici- pation Rate	1- Unemploy- ment Rate	GDP per Capita
1946-2001						
total growth, %	311.82	-35.90	10.32	19.17	-4.00	232.97
average annual growth rate	2.61	-0.81	0.18	0.32	-0.07	2.21
contribution to GDP per capita	117.90	-36.42	8.08	14.45	-3.36	100.00
1946-1973						
total growth, %	182.00	-30.66	-1.59	8.61	-2.22	104.31
average annual growth rate	3.91	-1.35	-0.06	0.31	-0.08	2.68
contribution to GDP per capita	145.98	-50.22	-2.21	11.43	-3.10	100.00
1973-2001						
total growth, %	46.04	-7.56	12.10	9.72	-1.82	62.98
average annual growth rate	1.36	-0.28	0.41	0.33	-0.07	1.76
contribution to GDP per capita	77.38	-15.93	23.23	18.86	-3.73	100.00
1973-1981						
total growth, %	12.72	-6.63	7.28	8.01	-2.22	19.23
average annual growth rate	1.51	-0.85	0.88	0.97	-0.28	2.22
contribution to GDP per capita	67.85	-38.42	39.72	43.54	-12.58	100.00
1981-1989						
total growth, %	7.64	2.84	1.06	3.45	0.03	15.75
average annual growth rate	0.92	0.35	0.13	0.42	0.00	1.85
contribution to GDP per capita	50.11	18.99	7.12	23.00	0.18	100.00
1989-2001						
total growth, %	20.36	-3.73	3.40	-1.80	0.38	18.09
average annual growth rate	1.56	-0.32	0.28	-0.15	0.03	1.40
contribution to GDP per capita	111.51	-22.66	19.96	-10.83	2.25	100.00
1989-1995						
total growth, %	9.59	-3.19	1.07	-3.42	-2.05	1.43
average annual growth rate	1.54	-0.54	0.18	-0.58	-0.34	0.24
contribution to GDP per capita	649.53	-227.86	75.06	-244.48	-145.73	100.00
1995-2001						
total growth, %	9.83	-0.56	2.30	1.68	2.48	16.43
average annual growth rate	1.58	-0.09	0.38	0.28	0.41	2.57
contribution to GDP per capita	61.34	-3.61	14.79	10.84	15.93	100.00

See Appendix Table 1 for data sources.

Table 8: Nominal Per Capita GDP and its Determinants in Canada and the United States, 2001

	GDP per Hour (current US dollars)	Average Weekly Hours	Working age Population to Total Population, %	Labour Force Participation Rate, %	1- Unemployment Rate, %	GDP per Capita (current US dollars)
	(1)	(2)	(3)	(4)	(5)	(6)
United States	41.97	34.20	74.10	66.94	95.25	35,264
Canada	34.44	34.39	77.87	66.23	93.13	29,870
Canada as a % of US	82.05	100.54	105.09	98.94	97.78	84.70
US-Canada (% points)	-17.95	0.54	5.09	-1.06	-2.22	-15.30
Contribution to Canada/US GDP Per Capita	117.33	-3.54	-33.26	6.92	14.51	100.00

Data from Table 2 and Appendix Table 1 for Canada and Table 3 and Appendix Table 4 for the United States. Note: the data above cannot be obtained directly from the referenced tables because the data for Canada in this table have been adjusted to account for the differing definitions of working age (15 years and over in Canada and 16 years and over in the United States). This was accomplished by: subtracting the number of 15 year olds in Canada (413,834) from the working age population; multiplying the labour force participation rate of 15-19 year olds (52.3%) by the labour force and subtracting the result from the labour force; and multiplying the unemployment rate for 15-19 year olds (16.6%) by total unemployment and subtracting the result from unemployment. These adjusted estimates were then used to calculate the working age to total population ratio, labour force participation rate and unemployment rate shown here. GDP Per Capita can be calculated as $(6)=[(1)*(2)*52*(3)/100*(4)/100*(5)/100]$.

Table 9: Reconciliation of GDP per Capita and Labour Productivity, 2001
(preliminary estimates)

	GDP per Hour Worked (a)			Effect of Employment share in Total Population (in % points)				GDP per Head of Population	
	in 1996 US\$	as % of US	Effect of Working Hours (a) in % points	Unemployment (b)	Labour Force to Population (15-64 yrs)	Population (15-64 yrs) to Total Population	Total (c)	in 1996 US\$	as % of US
United States	37.0	100.0	0.0	0.0	0.0	0.0	0.0	33,538	100.0
Norway	40.6	109.7	-28.9	1.0	3.1	-1.6	2.5	27,940	83.3
Ireland	36.4	98.4	-8.8	0.6	-9.7	1.0	-8.1	27,318	81.5
Switzerland	31.7	85.8	-12.8	2.1	5.5	0.6	8.2	27,236	81.2
Denmark	34.6	93.5	-16.4	0.1	2.4	0.4	2.9	26,857	80.1
Canada	30.5	82.6	-3.5	-2.1	-1.2	1.5	-1.8	25,923	77.3
Australia	30.3	82.0	-3.1	-1.7	-1.7	1.5	-1.9	25,818	77.0
Belgium	41.5	112.4	-18.9	-2.1	-15.4	-0.7	-18.2	25,252	75.3
Netherlands	37.3	100.9	-28.1	1.5	-1.1	1.3	1.7	24,989	74.5
Austria	35.5	95.9	-17.9	0.8	-6.3	1.5	-4.0	24,828	74.0
Japan	26.6	72.1	-2.7	-0.1	1.4	1.7	3.0	24,267	72.4
Finland	31.9	86.3	-10.7	-3.4	-2.2	0.9	-4.7	23,795	71.0
Sweden	30.2	81.7	-10.7	-0.3	1.7	-2.0	-0.5	23,636	70.5
Germany	34.2	92.5	-16.6	-2.5	-5.1	1.0	-6.6	23,247	69.3
France	37.6	101.8	-17.8	-3.6	-9.6	-1.6	-14.8	23,176	69.1
Italy	32.5	88.0	-11.0	-4.1	-5.2	0.9	-8.4	22,991	68.6
United Kingdom	29.4	79.5	-9.2	-0.2	-1.8	-0.6	-2.7	22,696	67.7
Spain	27.9	75.6	-1.8	-6.6	-12.2	0.9	-18.0	18,723	55.8
New Zealand	22.5	60.8	-3.6	-0.3	-0.7	-0.8	-1.9	18,560	55.3
Korea	15.2	41.1	13.6	0.4	-8.4	3.3	-4.7	16,747	49.9
Portugal	19.3	52.1	-3.1	0.3	-1.1	1.2	0.4	16,548	49.3
Greece	21.6	58.5	2.4	-3.9	-10.9	0.7	-14.1	15,696	46.8
Czech Rep.	14.4	39.0	3.2	-1.5	-3.0	2.0	-2.5	13,346	39.8
Hungary	17.4	47.2	-1.8	-0.5	-10.8	1.0	-10.4	11,730	35.0
Poland	11.9	32.2	2.7	-4.8	-4.2	1.1	-7.9	9,021	26.9
Mexico	12.1	32.8	3.0	0.9	-9.6	-2.7	-11.5	8,156	24.3
Turkey	10.2	27.5	1.1	-0.9	-10.2	0.2	-10.9	5,933	17.7
European Union	32.3	87.4	-12.1	-2.4	-6.0	0.2	-8.2	22,511	67.1
OECD excl. US	24.9	67.3	-2.8	-1.5	-7.0	0.1	-8.4	18,818	56.1

(a) Calculated on basis of actual hours worked per person per year; (b) calculated on basis of standardized unemployment rates from OECD; (c) sum of previous columns plus rounding differences; (d) European Union is weighted average for 14 EU member countries, excluding Luxembourg.

Source: Groningen Growth & Development Center & The Conference Board. See Van Ark (2002). Based on *OECD National Accounts, Economic Outlook, Employment Outlook and Labour Force Statistics*, with GDP converted to US\$ at 1996 EKS PPPs.

Table 10: Annual Growth of Real GDP Per Capita and Per Hour Worked in Canada and the United States, 1947-2001, % change from previous year

	Real GDP Per Capita			Real GDP Per Hour Worked						
	Canada	US	Can-US	Canada	US	Can-US				
1947	2.03	-2.58	4.61	2.13	-3.80	5.93				
1948	0.37	2.56	-2.19	0.89	2.77	-1.89				
1949	-0.95	-2.29	1.34	3.20	2.14	1.06				
1950	5.38	6.55	-1.17	9.93	5.34	4.59				
1951	2.91	5.81	-2.90	3.27	5.48	-2.22				
								Average Annual Growth Rates		
1952	5.42	2.21	3.21	8.46	3.48	4.98				
1953	2.49	2.87	-0.38	4.89	3.78	1.11				
1954	-4.08	-2.41	-1.67	-0.10	2.38	-2.48				
1955	6.53	5.22	1.31	8.86	2.23	6.63				
1956	5.79	0.19	5.60	4.65	0.14	4.52	1946-2001	2.21	2.03	0.18
1957	-0.85	0.17	-1.02	1.93	2.87	-0.94	1946-1973	2.68	2.24	0.44
1958	-0.53	-2.61	2.08	6.24	1.44	4.80	1973-2001	1.76	1.82	-0.06
1959	1.47	5.44	-3.97	2.38	3.24	-0.86	1973-1981	2.22	1.45	0.77
1960	0.58	0.43	0.15	3.96	1.74	2.22	1981-1989	1.85	2.52	-0.68
1961	0.85	0.67	0.18	3.76	2.38	1.38	1989-2001	1.40	1.60	-0.20
1962	4.79	4.42	0.37	3.91	4.25	-0.34				
1963	3.23	2.83	0.40	3.69	2.43	1.27	1989-1995	0.24	1.02	-0.78
1964	4.68	4.35	0.32	3.61	3.71	-0.11	1995-2001	2.57	2.18	0.39
1965	4.34	5.07	-0.73	2.98	3.46	-0.48				
1966	4.61	5.35	-0.74	1.81	4.47	-2.65	1961-1976	3.55	2.71	0.84
1967	1.18	1.39	-0.21	1.74	2.05	-0.32	1949-1964	2.54	2.37	0.17
1968	3.75	3.73	0.02	6.28	3.18	3.10				
1969	3.79	2.03	1.76	3.71	0.68	3.02				
1970	1.13	-0.96	2.09	3.84	0.80	3.04				
								Real GDP Per Hour		
1971	4.33	2.05	2.28	4.35	3.00	1.34				
1972	4.09	4.31	-0.21	3.61	1.58	2.03	1946-2001	2.61	1.99	0.62
1973	5.93	4.77	1.16	2.40	2.43	-0.03	1946-1973	3.91	2.49	1.42
1974	2.70	-1.50	4.20	0.76	-1.51	2.27				
1975	0.68	-1.32	2.00	2.54	1.86	0.68	1973-2001	1.36	1.50	-0.14
1976	4.13	4.55	-0.42	4.86	2.11	2.75	1973-1981	1.51	0.98	0.52
1977	2.26	3.59	-1.33	2.16	1.21	0.95	1981-1989	0.92	1.68	-0.76
1978	3.02	4.41	-1.38	0.03	1.65	-1.62	1989-2001	1.56	1.73	-0.17
1979	3.20	2.05	1.15	-0.01	0.56	-0.58				
1980	0.05	-1.38	1.42	0.09	0.42	-0.32	1989-1995	1.54	1.26	0.27
1981	1.80	1.43	0.37	1.73	1.62	0.11	1995-2001	1.58	2.20	-0.62
1982	-4.01	-2.96	-1.05	0.57	-0.03	0.61				
1983	1.71	3.39	-1.68	1.91	2.39	-0.48	1961-1976	3.33	2.29	1.04
1984	4.82	6.33	-1.51	3.07	2.42	0.65	1949-1964	4.60	2.98	1.61
1985	3.83	2.93	0.90	1.31	2.64	-1.34				
1986	1.41	2.48	-1.07	-0.55	1.40	-1.95				
1987	2.87	2.48	0.40	1.81	0.78	1.03				
1988	3.61	3.23	0.38	0.18	2.18	-2.00				
1989	0.79	2.53	-1.75	-0.84	1.71	-2.54				
1990	-1.31	0.71	-2.01	0.96	0.81	0.15				
1991	-3.25	-1.79	-1.46	1.69	1.02	0.66				
1992	-0.35	1.71	-2.06	3.24	2.08	1.16				
1993	1.17	1.33	-0.15	0.23	0.85	-0.63				
1994	3.60	2.78	0.83	1.47	1.08	0.39				
1995	1.69	1.46	0.23	1.66	1.74	-0.08				
1996	0.53	2.37	-1.84	0.20	2.39	-2.19				
1997	3.13	3.18	-0.05	1.79	1.54	0.25				
1998	3.20	3.07	0.13	2.28	2.77	-0.49				
1999	4.52	2.93	1.60	1.66	2.83	-1.18				
2000	3.61	2.52	1.09	1.13	2.43	-1.31				
2001	0.48	-0.95	1.43	2.41	1.23	1.18				

Calculated from Tables 2, 3 and 14.

Values in bold represent years in which: GDP per capita growth in Canada was at least 3.0 per cent; Canada's growth in GDP per capita exceeded that of the United States by at least 1.0 percentage points; Canada's growth in GDP per hour worked was at least 3.1 per cent; or Canada's growth in GDP per hour worked exceeded that of the United States by at least 1.1 percentage points. 1961-1976 is the 15-year period over which Canada's GDP per capita grew most rapidly at an average annual rate. 1949-1964 is the 15-year period over which Canada's GDP per hour grew most rapidly at an annual average rate.

Table 11: Nominal Aggregate Labour Productivity Levels in Canada and the United States, 1946-2001

	Canada			United States				Canada/US, %	
	GDP per Person Employed, current dollars	GDP per Hour, current dollars	GDP PPP	GDP per Person Employed, current US dollars	GDP per Hour, current US dollars	GDP per Person Employed, current US dollars	GDP per Hour, current US dollars	GDP per Person Employed	GDP per Hour
1946	2,569	0.93	1.143	2,938	1.06	4,024	1.92	73.01	55.33
1947	2,813	1.03	1.197	3,365	1.24	4,285	2.04	78.54	60.42
1948	3,209	1.17	1.141	3,660	1.33	4,621	2.22	79.21	60.03
1949	3,449	1.26	1.088	3,754	1.37	4,643	2.27	80.85	60.43
1950	3,748	1.42	1.084	4,063	1.54	4,995	2.41	81.34	63.63
1951	4,283	1.63	1.020	4,370	1.66	5,662	2.73	77.19	60.91
1952	4,798	1.84	0.992	4,759	1.83	5,952	2.87	79.96	63.79
1953	4,978	1.93	1.010	5,025	1.95	6,210	3.02	80.92	64.67
1954	4,986	1.96	1.010	5,035	1.98	6,340	3.12	79.41	63.48
1955	5,365	2.15	1.036	5,557	2.22	6,678	3.24	83.21	68.59
1956	5,790	2.33	1.033	5,979	2.41	6,865	3.36	87.10	71.63
1957	5,898	2.42	1.048	6,182	2.54	7,203	3.57	85.83	71.18
1958	6,148	2.61	1.054	6,482	2.76	7,423	3.71	87.33	74.32
1959	6,332	2.73	1.060	6,712	2.89	7,851	3.87	85.49	74.73
1960	6,487	2.87	1.062	6,886	3.05	8,018	3.99	85.89	76.36
1961	6,605	2.99	1.069	7,061	3.20	8,300	4.14	85.07	77.40
1962	6,970	3.16	1.066	7,432	3.37	8,793	4.37	84.53	77.14
1963	7,308	3.35	1.056	7,718	3.53	9,130	4.53	84.53	78.10
1964	7,723	3.56	1.044	8,060	3.72	9,587	4.76	84.07	78.02
1965	8,201	3.81	1.025	8,402	3.90	10,130	5.02	82.94	77.66
1966	8,693	4.07	1.004	8,727	4.08	10,828	5.39	80.60	75.68
1967	9,086	4.32	0.992	9,008	4.28	11,215	5.68	80.32	75.45
1968	9,739	4.76	0.998	9,718	4.75	12,006	6.11	80.94	77.71
1969	10,398	5.16	1.001	10,407	5.16	12,648	6.45	82.28	80.05
1970	11,062	5.62	1.005	11,118	5.65	13,215	6.85	84.13	82.46
1971	11,798	6.06	1.022	12,056	6.19	14,220	7.41	84.78	83.53
1972	12,794	6.65	1.005	12,855	6.69	15,099	7.85	85.14	85.20
1973	14,295	7.45	0.970	13,865	7.23	16,288	8.49	85.12	85.18
1974	16,391	8.61	0.922	15,107	7.94	17,294	9.11	87.36	87.14
1975	18,157	9.74	0.913	16,584	8.90	19,048	10.15	87.07	87.72
1976	20,488	11.15	0.884	18,112	9.86	20,551	10.95	88.13	90.08
1977	22,326	12.16	0.881	19,668	10.71	22,076	11.79	89.09	90.83
1978	24,042	12.97	0.885	21,282	11.48	23,904	12.84	89.03	89.40
1979	26,301	14.18	0.875	23,025	12.42	25,969	13.99	88.66	88.75
1980	28,737	15.74	0.861	24,752	13.56	28,152	15.34	87.92	88.40
1981	31,909	17.75	0.849	27,084	15.06	31,189	17.04	86.84	88.40
1982	34,700	19.38	0.831	28,843	16.11	32,747	18.10	88.08	89.01
1983	37,307	20.81	0.820	30,576	17.06	35,057	19.26	87.22	88.55
1984	39,786	22.16	0.823	32,746	18.24	37,453	20.46	87.43	89.12
1985	41,810	23.14	0.823	34,428	19.05	39,319	21.67	87.56	87.94
1986	42,787	23.69	0.817	34,950	19.35	40,630	22.45	86.02	86.20
1987	45,367	25.20	0.804	36,490	20.27	42,178	23.31	86.51	86.97
1988	48,236	26.35	0.796	38,393	20.98	44,432	24.62	86.41	85.18
1989	50,647	27.31	0.790	40,032	21.59	46,779	26.00	85.58	83.02
1990	51,966	28.42	0.796	41,359	22.62	48,851	27.23	84.66	83.07
1991	53,333	29.75	0.801	42,729	23.84	50,852	28.51	84.03	83.60
1992	54,897	31.11	0.81	44,466	25.20	53,328	29.81	83.38	84.54
1993	56,557	31.62	0.82	46,377	25.93	55,233	30.79	83.97	84.22
1994	58,793	32.46	0.83	48,798	26.94	57,324	31.77	85.13	84.81
1995	60,675	33.74	0.83	50,360	28.00	59,251	33.03	84.99	84.79
1996	62,162	34.33	0.84	52,216	28.84	61,663	34.47	84.68	83.67
1997	64,085	35.36	0.84	53,831	29.70	64,206	35.69	83.84	83.23
1998	64,706	36.04	0.86	55,647	30.99	66,798	37.13	83.31	83.48
1999	67,477	37.27	0.85	57,356	31.68	69,477	38.73	82.55	81.79
2000	71,430	39.16	0.84	60,001	32.90	72,663	40.50	82.57	81.22
2001	72,445	40.52	0.85	61,579	34.44	74,643	41.97	82.50	82.05

See Table 2 and Appendix Table 1 for data sources for Canada and Table 3 and Appendix Table 4 for data sources for the United States. GDP PPPs from Table 1.

**Table 12: Relative Real GDP Per Hour Worked in OECD Countries,
1950-2001, selected years**

US=100 in all years

	1950	1973	1989	1995	2001
Australia	81.5	73.6	77.4	81.4	82.7
Austria	37.3	70.4	89.0	93.2	96.7
Belgium	57.0	78.3	106.9	112.6	113.3
Canada	94.7	91.2	88.2	89.0	83.3
Denmark	68.9	87.5	92.9	99.1	94.3
Finland	40.3	65.5	77.0	84.6	87.0
France	50.0	79.2	106.3	109.1	102.6
Unified Germany	na	na	91.4	96.3	93.3
West Germany	48.6	85.3	106.0	108.2	na
Greece	24.6	51.8	60.1	57.1	59.0
Ireland	33.3	44.3	71.7	82.9	99.2
Italy	44.1	70.4	87.6	95.7	88.7
Japan	21.5	54.4	68.6	73.5	72.6
Netherlands	77.4	104.0	109.0	108.7	101.8
New Zealand	na	na	68.2	66.4	61.3
Norway	55.6	72.7	98.6	112.9	110.6
Portugal	20.2	42.9	48.5	52.7	52.6
Spain	26.8	56.3	80.7	85.5	76.3
Sweden	62.6	80.2	81.4	84.3	82.4
Switzerland	88.5	93.2	91.1	90.0	86.5
Turkey	11.0	18.8	25.9	28.2	27.7
U.K.	67.6	65.0	76.6	81.6	80.2
United States	100.0	100.0	100.0	100.0	100.0
Unweighted Average					
Excluding USA	50.7	68.4	80.9	85.4	84.1

Source: Groningen Growth and Development Centre & The Conference Board, June 13 2002.

www.eco.rug.nl/GGDC/index-dseries.html

Note: the unweighted average includes only countries for which data are available for all five years (ie. Unified Germany, West Germany and New Zealand are not included).

**Table 13: Growth Rates for GDP Per Hour Worked, 1950-2001,
selected periods**

average annual growth rates, %

	1950-1973	1973-1989	1989-1995	1995-2001	1950-2001
Australia	2.57	1.61	1.98	2.27	2.16
Austria	5.91	2.78	1.92	2.63	4.06
Belgium	4.46	3.28	2.01	2.10	3.52
Canada	2.86	1.07	1.29	0.88	1.88
Denmark	4.11	1.67	2.21	1.17	2.77
Finland	5.23	2.32	2.72	2.48	3.69
France	5.11	3.17	1.56	0.97	3.59
Unified Germany	na	na	2.01	1.45	na
West Germany	5.58	2.68	1.47	na	na
Greece	6.41	2.23	0.28	2.56	3.90
Ireland	4.31	4.38	3.60	5.10	4.34
Italy	5.14	2.69	2.62	0.73	3.54
Japan	7.27	2.76	2.30	1.82	4.60
Netherlands	4.36	1.59	1.09	0.89	2.69
New Zealand	na	na	0.69	0.65	na
Norway	4.24	3.24	3.44	1.65	3.52
Portugal	6.46	2.07	2.54	1.97	4.07
Spain	6.41	3.59	2.11	0.10	4.25
Sweden	4.14	1.38	1.71	1.62	2.69
Switzerland	3.26	1.15	0.93	1.34	2.09
Turkey	5.45	3.33	2.60	1.69	4.00
U.K.	2.85	2.33	2.21	1.70	2.48
USA	3.03	1.29	1.13	2.00	2.14
Unweighted Average					
Excluding USA	4.38	2.36	2.04	1.75	3.15

Source: Groningen Growth and Development Centre & The Conference Board, June 13 2002.

www.eco.rug.nl/GGDC/index-dseries.html

Note: the unweighted average includes only countries for which data are available for all five years (ie. Unified Germany, West Germany and New Zealand are not included).

Table 14A: Real Aggregate Labour Productivity Levels and Growth Rates in Canada, 1946-2001

	Canada					Canada in US dollars				Canada / US, %	
	Real GDP (millions of chained 1997 dollars)	Employ- ment (thousand s)	Average Weekly Hours	Hours Worked per Week for All Jobs (thousands)	Annual Hours Worked (in millions)	GDP PPP in 1997	Real GDP (in millions of 1997 dollars)	GDP per Worker (in thousands of 1997 dollars)	GDP per Hour (in 1997 dollars)	GDP per Worker	GDP per Hour
1946	124,268	4,813	53.18	255,975	13,311	0.84	104,385	21.69	7.84	78.07	59.16
1947	129,467	4,985	52.39	261,129	13,579	0.84	108,752	21.82	8.01	81.64	62.80
1948	132,763	5,029	52.78	265,424	13,802	0.84	111,521	22.18	8.08	81.35	61.65
1949	137,900	5,068	52.71	267,142	13,891	0.84	115,836	22.86	8.34	83.34	62.29
1950	148,180	5,133	50.87	261,129	13,579	0.84	124,471	24.25	9.17	83.09	65.00
1951	155,789	5,258	50.56	265,854	13,824	0.84	130,863	24.89	9.47	80.65	63.64
1952	169,509	5,332	50.02	266,713	13,869	0.84	142,388	26.70	10.27	83.62	66.70
1953	178,372	5,400	49.55	267,572	13,914	0.84	149,833	27.75	10.77	84.35	67.41
1954	176,189	5,409	48.92	264,565	13,757	0.84	147,999	27.36	10.76	82.29	65.78
1955	192,738	5,533	48.05	265,854	13,824	0.84	161,900	29.26	11.71	84.98	70.05
1956	208,875	5,761	47.78	275,302	14,316	0.84	175,455	30.45	12.26	89.01	73.20
1957	213,912	5,912	46.79	276,591	14,383	0.84	179,686	30.39	12.49	87.46	72.54
1958	218,800	5,886	45.24	266,283	13,847	0.84	183,792	31.22	13.27	89.26	75.97
1959	227,259	6,055	44.61	270,148	14,048	0.84	190,897	31.53	13.59	86.18	75.34
1960	233,637	6,153	43.41	267,142	13,891	0.84	196,255	31.89	14.13	86.58	76.98
1961	240,475	6,246	42.43	264,995	13,780	0.84	201,999	32.34	14.66	85.75	78.02
1962	256,765	6,422	42.40	272,296	14,159	0.84	215,682	33.59	15.23	85.21	77.77
1963	270,028	6,576	41.99	276,161	14,360	0.84	226,823	34.49	15.80	85.21	78.73
1964	288,035	6,818	41.70	284,322	14,785	0.84	241,950	35.49	16.36	84.75	78.65
1965	306,026	7,079	41.44	293,341	15,254	0.84	257,062	36.32	16.85	83.61	78.28
1966	326,174	7,471	41.11	307,084	15,968	0.84	273,986	36.68	17.16	81.25	76.30
1967	336,011	7,686	40.46	310,950	16,169	0.84	282,250	36.72	17.46	80.97	76.06
1968	354,138	7,833	39.37	308,373	16,035	0.84	297,476	37.98	18.55	81.60	78.34
1969	372,887	8,079	38.75	313,097	16,281	0.84	313,225	38.77	19.24	82.95	80.69
1970	382,411	8,169	37.85	309,232	16,080	0.84	321,225	39.32	19.98	84.81	83.12
1971	404,028	8,360	37.45	313,097	16,281	0.84	339,384	40.60	20.85	85.47	84.21
1972	425,494	8,607	36.97	318,251	16,549	0.84	357,415	41.52	21.60	85.83	85.89
1973	456,270	9,038	36.88	333,283	17,331	0.84	383,267	42.41	22.11	85.81	85.87
1974	475,143	9,413	36.59	344,450	17,911	0.84	399,120	42.40	22.28	88.06	87.84
1975	485,393	9,577	35.83	343,162	17,844	0.84	407,730	42.57	22.85	87.77	88.43
1976	512,145	9,776	35.32	345,309	17,956	0.84	430,202	44.01	23.96	88.85	90.81
1977	529,905	9,915	35.31	350,086	18,204	0.84	445,120	44.89	24.45	89.81	91.57
1978	551,386	10,212	35.65	364,101	18,933	0.84	463,164	45.35	24.46	89.75	90.12
1979	574,670	10,658	35.67	380,116	19,766	0.84	482,722	45.29	24.42	89.38	89.47
1980	582,404	10,970	35.11	385,156	20,028	0.84	489,219	44.60	24.43	88.63	89.11
1981	600,253	11,297	34.58	390,625	20,312	0.84	504,213	44.63	24.82	87.54	89.11
1982	583,089	10,947	34.43	376,953	19,602	0.84	489,795	44.74	24.99	88.79	89.73
1983	598,941	11,027	34.48	380,169	19,769	0.84	503,110	45.63	25.45	87.93	89.26
1984	633,756	11,300	34.53	390,213	20,291	0.84	532,355	47.11	26.24	88.14	89.84
1985	664,059	11,617	34.75	403,701	20,992	0.84	557,810	48.02	26.57	88.27	88.65
1986	680,144	11,979	34.73	416,022	21,633	0.84	571,321	47.69	26.41	86.72	86.89
1987	709,058	12,321	34.62	426,510	22,178	0.84	595,609	48.34	26.86	87.21	87.67
1988	744,333	12,710	35.20	447,391	23,264	0.84	625,240	49.19	26.88	87.11	85.87
1989	763,837	12,986	35.66	463,146	24,084	0.84	641,623	49.41	26.64	86.27	83.70
1990	765,311	13,084	35.16	460,062	23,923	0.84	642,861	49.13	26.87	85.35	83.74
1991	749,294	12,851	34.47	443,014	23,037	0.84	629,407	48.98	27.32	84.71	84.28
1992	755,848	12,760	33.93	432,956	22,514	0.84	634,912	49.76	28.20	84.06	85.22
1993	773,528	12,858	34.39	442,224	22,996	0.84	649,764	50.54	28.26	84.40	84.66
1994	810,695	13,112	34.83	456,664	23,747	0.84	680,984	51.94	28.68	85.32	85.01
1995	833,456	13,357	34.58	461,924	24,020	0.84	700,103	52.42	29.15	85.12	84.92

Continues on next page.

Table 14A: Real Aggregate Labour Productivity Levels and Growth Rates in Canada, 1946-2001 (cont.)

1996	846,952	13,463	34.82	468,728	24,374	0.84	711,440	52.85	29.19	84.06	83.05
1997	882,733	13,774	34.85	480,069	24,964	0.84	741,496	53.83	29.70	83.84	83.23
1998	918,910	14,140	34.53	488,266	25,390	0.84	771,884	54.59	30.40	82.72	82.89
1999	968,451	14,531	34.82	505,992	26,312	0.84	813,499	55.98	30.92	82.74	81.98
2000	1,012,334	14,910	35.07	522,949	27,193	0.84	850,361	57.03	31.27	82.29	80.95
2001	1,027,522	15,077	34.39	518,420	26,958	0.84	863,118	57.25	32.02	82.31	81.87
46-01	3.92	2.10	-0.79	1.29	1.29		3.92	1.78	2.59	0.10	0.59
46-73	4.94	2.36	-1.35	0.98	0.98		4.94	2.51	3.91	0.35	1.39
73-01	2.94	1.84	-0.25	1.59	1.59		2.94	1.08	1.33	-0.15	-0.17
73-81	3.49	2.83	-0.80	2.00	2.00		3.49	0.64	1.45	0.25	0.47
81-89	3.06	1.76	0.39	2.15	2.15		3.06	1.28	0.89	-0.18	-0.78
89-01	2.50	1.25	-0.30	0.94	0.94		2.50	1.24	1.54	-0.39	-0.18
89-95	1.46	0.47	-0.51	-0.04	-0.04		1.46	0.99	1.51	-0.22	0.24
95-01	3.55	2.04	-0.10	1.94	1.94		3.55	1.48	1.58	-0.56	-0.61

See Appendix Table 1 for Canadian data sources and Appendix Table 4 for US data sources.

Table 14B: Real Aggregate Labour Productivity Levels and Growth Rates in the United States, 1946-2001

United States									
	Real GDP (billions of 1996 chained dollars)	Employ- ment (thousands)	Average Weekly Hours	Hours Worked per week for All Jobs (thousands)	Total Annual Hours Worked (in millions)	GDP Deflator in 1997	Real GDP (in billions of 1997 chained dollars)	GDP per Worker (in thousands of 1997 dollars)	GDP per Hour Worked (in 1997 dollars)
1946	1,506	55,250	40.3	2,226,575	115,782	101.95	1534.86	27.78	13.26
1947	1,495	57,038	40.3	2,298,631	119,529	101.95	1524.25	26.72	12.75
1948	1,560	58,343	40.0	2,333,720	121,353	101.95	1590.42	27.26	13.11
1949	1,551	57,651	39.4	2,271,449	118,115	101.95	1581.14	27.43	13.39
1950	1,687	58,918	39.8	2,344,936	121,937	101.95	1719.49	29.18	14.10
1951	1,815	59,961	39.9	2,392,444	124,407	101.95	1850.49	30.86	14.87
1952	1,887	60,250	39.9	2,403,975	125,007	101.95	1924.10	31.94	15.39
1953	1,974	61,179	39.6	2,422,688	125,980	101.95	2012.39	32.89	15.97
1954	1,961	60,109	39.1	2,350,262	122,214	101.95	1998.73	33.25	16.35
1955	2,100	62,170	39.6	2,461,932	128,020	101.95	2140.44	34.43	16.72
1956	2,141	63,799	39.3	2,507,301	130,380	101.95	2182.85	34.21	16.74
1957	2,184	64,071	38.8	2,485,955	129,270	101.95	2226.49	34.75	17.22
1958	2,163	63,036	38.5	2,426,886	126,198	101.95	2204.97	34.98	17.47
1959	2,319	64,630	39.0	2,520,570	131,070	101.95	2364.22	36.58	18.04
1960	2,377	65,778	38.6	2,539,031	132,030	101.95	2423.05	36.84	18.35
1961	2,432	65,746	38.6	2,537,796	131,965	101.95	2479.42	37.71	18.79
1962	2,579	66,702	38.7	2,581,367	134,231	101.95	2629.19	39.42	19.59
1963	2,690	67,762	38.8	2,629,166	136,717	101.95	2742.86	40.48	20.06
1964	2,847	69,305	38.7	2,682,104	139,469	101.95	2902.01	41.87	20.81
1965	3,029	71,088	38.8	2,758,214	143,427	101.95	3087.56	43.43	21.53
1966	3,228	72,895	38.6	2,813,747	146,315	101.95	3290.44	45.14	22.49
1967	3,308	74,372	38.0	2,826,136	146,959	101.95	3372.81	45.35	22.95
1968	3,466	75,920	37.8	2,869,776	149,228	101.95	3533.69	46.54	23.68
1969	3,571	77,902	37.7	2,936,905	152,719	101.95	3641.04	46.74	23.84
1970	3,578	78,678	37.1	2,918,954	151,786	101.95	3647.77	46.36	24.03
1971	3,698	79,367	36.9	2,928,642	152,289	101.95	3769.81	47.50	24.75
1972	3,898	82,153	37.0	3,039,661	158,062	101.95	3974.42	48.38	25.14
1973	4,123	85,064	36.9	3,138,862	163,221	101.95	4203.81	49.42	25.76
1974	4,099	86,794	36.5	3,167,981	164,735	101.95	4178.93	48.15	25.37
1975	4,084	85,846	36.1	3,099,041	161,150	101.95	4164.05	48.51	25.84
1976	4,312	88,752	36.1	3,203,947	166,605	101.95	4395.78	49.53	26.38
1977	4,512	92,017	36.0	3,312,612	172,256	101.95	4599.78	49.99	26.70
1978	4,761	96,048	35.8	3,438,518	178,803	101.95	4853.43	50.53	27.14
1979	4,912	98,824	35.7	3,528,017	183,457	101.95	5007.89	50.67	27.30
1980	4,901	99,303	35.3	3,505,396	182,281	101.95	4996.47	50.32	27.41
1981	5,021	100,397	35.2	3,533,974	183,767	101.95	5118.91	50.99	27.86
1982	4,919	99,526	34.8	3,463,505	180,102	101.95	5015.23	50.39	27.85
1983	5,132	100,834	35.0	3,529,190	183,518	101.95	5232.38	51.89	28.51
1984	5,505	105,005	35.2	3,696,176	192,201	101.95	5612.55	53.45	29.20
1985	5,717	107,150	34.9	3,739,535	194,456	101.95	5828.58	54.40	29.97
1986	5,912	109,597	34.8	3,813,976	198,327	101.95	6027.69	55.00	30.39
1987	6,113	112,440	34.8	3,912,912	203,471	101.95	6232.51	55.43	30.63
1988	6,368	114,968	34.7	3,989,390	207,448	101.95	6492.58	56.47	31.30
1989	6,592	117,342	34.6	4,060,033	211,122	101.95	6720.34	57.27	31.83
1990	6,708	118,793	34.5	4,098,359	213,115	101.95	6838.70	57.57	32.09
1991	6,676	117,718	34.3	4,037,727	209,962	101.95	6806.59	57.82	32.42
1992	6,880	118,492	34.4	4,076,125	211,958	101.95	7014.16	59.20	33.09
1993	7,063	120,259	34.5	4,148,936	215,745	101.95	7200.32	59.87	33.37
1994	7,348	123,060	34.7	4,270,182	222,049	101.95	7490.98	60.87	33.74
1995	7,544	124,900	34.5	4,309,050	224,071	101.95	7690.90	61.58	34.32

Continues on next page.

Table 14B: Real Aggregate Labour Productivity Levels and Growth Rates in the United States, 1946-2001, (cont.)

1996	7,813	126,708	34.4	4,358,755	226,655	101.95	7965.56	62.87	35.14
1997	8,160	129,558	34.6	4,482,707	233,101	101.95	8318.61	64.21	35.69
1998	8,509	131,463	34.6	4,548,620	236,528	101.95	8674.82	65.99	36.68
1999	8,859	133,488	34.5	4,605,336	239,477	101.95	9031.75	67.66	37.71
2000	9,191	135,208	34.5	4,664,676	242,563	101.95	9370.63	69.31	38.63
2001	9,215	135,073	34.2	4,619,497	240,214	101.95	9394.18	69.55	39.11
46-01	3.35	1.64	-0.30	1.34	1.34	0.00	3.35	1.68	1.99
46-73	3.80	1.61	-0.33	1.28	1.28	0.00	3.80	2.16	2.49
73-01	2.91	1.67	-0.27	1.39	1.39	0.00	2.91	1.23	1.50
73-81	2.49	2.09	-0.59	1.49	1.49	0.00	2.49	0.39	0.98
81-89	3.46	1.97	-0.21	1.75	1.75	0.00	3.46	1.46	1.68
89-01	2.83	1.18	-0.10	1.08	1.08	0.00	2.83	1.63	1.73
89-95	2.27	1.05	-0.05	1.00	1.00	0.00	2.27	1.22	1.26
95-01	3.39	1.31	-0.15	1.17	1.17	0.00	3.39	2.05	2.20

See Appendix Table 4 for US data sources.

Appendix Table 1: Output, Population, and Labour Market Variables in Canada, 1946 -2001

	Population (on July 1st of each year)	Nominal GDP at market prices (millions of current dollars)	GDP Deflator	Real GDP (millions of chained 1997 dollars)	Total Hours Worked per week (thousands)	Employ-ment (thousands)	Working Age Population (age 15+, thousands)	Labour Force (thousands)	Unemploy-ment (thousands)
1946	12,516,595	12,367	9.95	124,268	253,590	4,813	8,987	4,976	166
1947	12,780,327	14,019	10.83	129,467	258,696	4,985	9,220	5,093	112
1948	13,057,297	16,138	12.16	132,763	262,950	5,029	9,357	5,140	116
1949	13,692,698	17,481	12.68	137,900	264,652	5,068	9,487	5,209	143
1950	13,962,540	19,241	12.98	148,180	258,696	5,133	9,842	5,321	189
1951	14,264,967	22,517	14.45	155,789	263,376	5,258	9,962	5,382	128
1952	14,723,189	25,585	15.09	169,509	264,227	5,332	10,191	5,486	158
1953	15,116,242	26,880	15.07	178,372	265,078	5,400	10,404	5,562	165
1954	15,566,318	26,969	15.31	176,189	262,099	5,409	10,637	5,661	254
1955	15,984,828	29,684	15.40	192,738	263,376	5,533	10,848	5,781	249
1956	16,374,826	33,357	15.97	208,875	272,737	5,761	11,062	5,958	200
1957	16,913,491	34,871	16.30	213,912	274,013	5,912	11,386	6,191	283
1958	17,392,079	36,187	16.54	218,800	263,801	5,886	11,657	6,324	439
1959	17,802,442	38,340	16.87	227,259	267,631	6,055	11,879	6,433	378
1960	18,196,514	39,914	17.08	233,637	264,652	6,153	12,111	6,607	453
1961	18,571,238	41,253	17.15	240,475	262,525	6,246	12,338	6,720	474
1962	18,922,541	44,755	17.43	256,765	269,758	6,422	12,570	6,817	397
1963	19,276,900	48,059	17.80	270,028	273,588	6,576	12,832	6,954	380
1964	19,643,478	52,653	18.28	288,035	281,672	6,818	13,120	7,145	329
1965	20,002,927	58,050	18.97	306,026	290,607	7,079	13,438	7,359	285
1966	20,380,706	64,943	19.91	326,174	304,223	7,471	13,392	7,722	255
1967	20,750,339	69,834	20.78	336,011	308,052	7,686	13,762	7,983	301
1968	21,079,241	76,285	21.54	354,138	305,499	7,833	14,131	8,194	364
1969	21,384,722	84,006	22.53	372,887	310,179	8,079	14,497	8,444	368
1970	21,686,130	90,367	23.63	382,411	306,350	8,169	14,871	8,651	484
1971	21,962,082	98,630	24.41	404,028	310,179	8,360	15,224	8,903	544
1972	22,219,560	110,124	25.88	425,494	315,285	8,607	15,545	9,169	562
1973	22,493,842	129,196	28.32	456,270	330,177	9,038	15,893	9,559	524
1974	22,808,446	154,290	32.47	475,143	341,240	9,413	16,300	9,933	523
1975	23,142,275	173,893	35.83	485,393	339,963	9,577	16,709	10,278	702
1976	23,449,793	200,296	39.11	512,145	342,091	9,776	17,096	10,514	738
1977	23,726,345	221,358	41.77	529,905	346,471	9,915	17,435	10,774	860
1978	23,963,967	245,526	44.53	551,386	360,412	10,212	17,779	11,138	926
1979	24,202,205	280,309	48.78	574,670	375,672	10,658	18,120	11,521	863
1980	24,516,278	315,245	54.13	582,404	380,368	10,970	18,484	11,860	890
1981	24,820,382	360,471	60.05	600,253	385,354	11,297	18,814	12,222	926
1982	25,117,424	379,859	65.15	583,089	372,202	10,947	19,103	12,296	1,349
1983	25,366,965	411,386	68.69	598,941	375,154	11,027	19,355	12,523	1,496
1984	25,607,555	449,582	70.94	633,756	385,125	11,300	19,598	12,739	1,439
1985	25,842,590	485,714	73.14	664,059	398,339	11,617	19,843	13,002	1,385
1986	26,100,587	512,541	75.36	680,144	410,260	11,979	20,093	13,257	1,278
1987	26,449,888	558,949	78.83	709,058	420,097	12,321	20,349	13,512	1,191
1988	26,798,303	613,094	82.37	744,333	440,212	12,710	20,615	13,779	1,068
1989	27,286,239	657,728	86.11	763,837	455,560	12,986	20,902	14,047	1,060
1990	27,700,856	679,921	88.84	765,311	452,102	13,084	21,217	14,241	1,157
1991	28,030,864	685,367	91.47	749,294	435,292	12,851	21,541	14,330	1,480
1992	28,376,550	700,480	92.67	755,848	425,316	12,760	21,867	14,362	1,602
1993	28,703,142	727,184	94.01	773,528	434,286	12,858	22,180	14,505	1,647
1994	29,035,981	770,873	95.09	810,695	448,549	13,112	22,440	14,627	1,515
1995	29,353,854	810,426	97.24	833,456	453,598	13,357	22,727	14,750	1,393
1996	29,671,892	836,864	98.81	846,952	460,031	13,463	23,031	14,900	1,437
1997	29,987,214	882,733	100.00	882,733	471,023	13,774	23,359	15,153	1,379
1998	30,248,210	914,973	99.57	918,910	479,388	14,140	23,671	15,418	1,277
1999	30,499,219	980,524	101.25	968,451	497,000	14,531	23,969	15,721	1,190
2000	30,769,669	1,064,995	105.20	1,012,334	513,732	14,910	24,285	15,999	1,090
2001	31,081,887	1,092,246	106.30	1,027,522	509,164	15,077	24,618	16,246	1,170

Population: CANSIM II series v466668 as of May 5 2002, linked to a series from the Historical Statistics of Canada in 1971.

Nominal GDP: v646937 as of June 3 2002, linked to a series from the Historical Statistics of Canada in 1961.

Real GDP: v3860085 as of June 3 2002 for 1981-2001, nominal/deflator*100 for 1946-1980.

GDP Deflator: nominal/real GDP for 1981-2001, linked to an old CANSIM series for 1961-1981, linked to a series from the Historical Statistics of Canada for 1946-1961.

Hours: from the Labour Force Historical Review 2001(R) CD-ROM, linked to a series from Aggregate Productivity Measures in 1976.

Employment, Labour Force, Working Age Population, Unemployment: Labour Force Historical Review 2001(R) linked to series from Historical Labour Force Statistics in 1976.

Working age is defined as 15+ from 1966 onwards and 14+ before 1966.

Appendix Table 2: Real Per Capita GDP and its Determinants in the United States, 1946-2001

	GDP per Hour (1996 chained dollars)	Average Hours	Working age Population to Total Population, %	Labour Force Partici- pation Rate, %	1- Unemploy- ment Rate, %	GDP per Capita (1996 chained dollars)
1946	13.00	40.3	73.19	55.81	96.05	10,690
1947	12.51	40.3	70.93	58.29	96.11	10,415
1948	12.86	40.0	70.57	58.82	96.25	10,681
1949	13.13	39.4	69.98	58.93	94.07	10,437
1950	13.83	39.8	69.23	59.25	94.71	11,120
1951	14.59	39.9	67.82	59.28	96.69	11,766
1952	15.10	39.9	67.05	59.05	96.97	12,026
1953	15.67	39.6	67.10	58.86	97.09	12,371
1954	16.04	39.1	66.71	58.75	94.45	12,073
1955	16.40	39.6	66.36	59.28	95.61	12,703
1956	16.42	39.3	65.95	59.98	95.87	12,727
1957	16.89	38.8	65.53	59.62	95.73	12,748
1958	17.14	38.5	65.29	59.47	93.20	12,416
1959	17.69	39.0	65.11	59.28	94.53	13,092
1960	18.00	38.6	64.86	59.39	94.47	13,148
1961	18.43	38.6	64.64	59.32	93.31	13,236
1962	19.21	38.7	64.39	58.77	94.46	13,821
1963	19.68	38.8	64.67	58.68	94.33	14,212
1964	20.41	38.7	64.86	58.71	94.82	14,831
1965	21.12	38.8	65.10	58.85	95.48	15,583
1966	22.06	38.6	65.14	59.17	96.21	16,417
1967	22.51	38.0	65.34	59.56	96.15	16,645
1968	23.23	37.8	65.77	59.64	96.42	17,266
1969	23.39	37.7	66.26	60.10	96.49	17,616
1970	23.57	37.1	66.84	60.38	95.06	17,446
1971	24.28	36.9	67.51	60.18	94.06	17,804
1972	24.66	37.0	68.66	60.39	94.39	18,571
1973	25.26	36.9	69.40	60.80	95.12	19,456
1974	24.88	36.5	70.18	61.25	94.39	19,163
1975	25.35	36.1	70.91	61.23	91.54	18,911
1976	25.88	36.1	71.60	61.58	92.30	19,771
1977	26.19	36.0	72.19	62.26	92.94	20,481
1978	26.62	35.8	72.73	63.15	93.93	21,384
1979	26.78	35.7	73.24	63.67	94.15	21,821
1980	26.89	35.3	73.66	63.75	92.86	21,521

Continues next page.

Appendix Table 2: Real Per Capita GDP and its Determinants in the United States, 1946-2001 (cont.)

	GDP per Hour (1996 chained dollars)	Average Hours	Working age Population to Total Population, %	Labour Force Participation Rate, %	1-Unemployment Rate, %	GDP per Capita (1996 chained dollars)
1981	27.32	35.2	73.97	63.87	92.39	21,830
1982	27.31	34.8	74.19	63.97	90.31	21,184
1983	27.97	35.0	74.35	64.03	90.39	21,902
1984	28.64	35.2	74.61	64.37	92.48	23,288
1985	29.40	34.9	74.72	64.79	92.80	23,970
1986	29.81	34.8	75.03	65.25	93.01	24,565
1987	30.05	34.8	75.26	65.59	93.81	25,174
1988	30.70	34.7	75.33	65.90	94.49	25,987
1989	31.22	34.6	75.34	66.46	94.73	26,646
1990	31.48	34.5	75.67	66.52	94.40	26,834
1991	31.80	34.3	75.36	66.18	93.17	26,354
1992	32.46	34.4	75.12	66.44	92.50	26,804
1993	32.74	34.5	74.93	66.31	93.08	27,160
1994	33.09	34.7	74.77	66.59	93.90	27,914
1995	33.67	34.5	74.55	66.62	94.40	28,321
1996	34.47	34.4	74.43	66.77	94.60	28,993
1997	35.00	34.6	74.47	67.10	95.06	29,915
1998	35.97	34.6	74.37	67.09	95.49	30,834
1999	36.99	34.5	74.43	67.08	95.78	31,736
2000	37.89	34.5	74.23	67.17	95.99	32,537
2001	38.36	34.2	74.10	66.94	95.25	32,229

Average Annual Growth Rates

1946-2001	1.99	-0.30	0.02	0.33	-0.02	2.03
1946-1973	2.49	-0.33	-0.20	0.32	-0.04	2.24
1973-2001	1.50	-0.27	0.23	0.34	0.00	1.82
1973-1981	0.98	-0.59	0.80	0.62	-0.36	1.45
1981-1989	1.68	-0.21	0.23	0.50	0.31	2.52
1989-2001	1.73	-0.10	-0.14	0.06	0.05	1.60
1989-1995	1.26	-0.05	-0.18	0.04	-0.06	1.02
1995-2001	2.20	-0.15	-0.10	0.08	0.15	2.18

See Appendix Table 4 for data sources.

Appendix Table 3: Contributions to Real Per Capita GDP Growth in the United States, 1946-2001

	GDP per Hour	Average Hours	Working age Population to Total Population	Labour Force Participation Rate	1-Unemployment Rate	GDP per Capita
1946-2001						
total growth, %	195.01	-15.14	1.25	19.94	-0.84	201.49
average annual growth rate	1.99	-0.30	0.02	0.33	-0.02	2.03
contribution to GDP per capita	98.01	-14.70	1.12	16.34	-0.76	100.00
1946-1973						
total growth, %	94.29	-8.44	-5.17	8.94	-0.97	82.00
average annual growth rate	2.49	-0.33	-0.20	0.32	-0.04	2.24
contribution to GDP per capita	111.04	-14.53	-8.75	14.16	-1.61	100.00
1973-2001						
total growth, %	51.84	-7.32	6.77	10.10	0.13	65.65
average annual growth rate	1.50	-0.27	0.23	0.34	0.00	1.82
contribution to GDP per capita	82.62	-14.90	12.87	18.92	0.26	100.00
1973-1981						
total growth, %	8.15	-4.61	6.57	5.06	-2.87	12.20
average annual growth rate	0.98	-0.59	0.80	0.62	-0.36	1.45
contribution to GDP per capita	67.93	-40.55	55.12	42.72	-25.08	100.00
1981-1989						
total growth, %	14.27	-1.70	1.86	4.04	2.54	22.06
average annual growth rate	1.68	-0.21	0.23	0.50	0.31	2.52
contribution to GDP per capita	66.65	-8.51	9.15	19.67	12.43	100.00
1989-2001						
total growth, %	22.86	-1.16	-1.65	0.72	0.54	20.95
average annual growth rate	1.73	-0.10	-0.14	0.06	0.05	1.60
contribution to GDP per capita	108.28	-6.06	-8.67	3.76	2.83	100.00
1989-1995						
total growth, %	7.83	-0.29	-1.05	0.25	-0.34	6.29
average annual growth rate	1.26	-0.05	-0.18	0.04	-0.06	1.02
contribution to GDP per capita	123.73	-4.72	-17.20	4.12	-5.62	100.00
1995-2001						
total growth, %	13.94	-0.87	-0.61	0.47	0.89	13.80
average annual growth rate	2.20	-0.15	-0.10	0.08	0.15	2.18
contribution to GDP per capita	100.97	-6.68	-4.65	3.59	6.80	100.00

See Appendix Table 4 for data sources.

Appendix Table 4: Output, Population, and Labour Market Variables in the United States, 1946-2001

	Population (annual average of mid-month estimates)	Real GDP (billions of chained 1996 dollars)	Average Weekly Hours	Employment (thousands)	Working Age Population (age 16+, thousands)	Labour Force (thousands)	Unemployment (thousands)
1946	140,832	1,506	40.3	55,250	103,070	57,520	2,270
1947	143,559	1,495	40.3	57,038	101,827	59,350	2,311
1948	146,054	1,560	40.0	58,343	103,068	60,621	2,276
1949	148,601	1,551	39.4	57,651	103,994	61,286	3,637
1950	151,672	1,687	39.8	58,918	104,995	62,208	3,288
1951	154,268	1,815	39.9	59,961	104,621	62,017	2,055
1952	156,933	1,887	39.9	60,250	105,231	62,138	1,883
1953	159,553	1,974	39.6	61,179	107,056	63,015	1,834
1954	162,384	1,961	39.1	60,109	108,321	63,643	3,532
1955	165,278	2,100	39.6	62,170	109,683	65,023	2,852
1956	168,238	2,141	39.3	63,799	110,954	66,552	2,750
1957	171,307	2,184	38.8	64,071	112,265	66,929	2,859
1958	174,194	2,163	38.5	63,036	113,727	67,639	4,602
1959	177,130	2,319	39.0	64,630	115,329	68,369	3,740
1960	180,760	2,377	38.6	65,778	117,245	69,628	3,852
1961	183,742	2,432	38.6	65,746	118,771	70,459	4,714
1962	186,590	2,579	38.7	66,702	120,153	70,614	3,911
1963	189,300	2,690	38.8	67,762	122,416	71,833	4,070
1964	191,927	2,847	38.7	69,305	124,485	73,091	3,786
1965	194,347	3,029	38.8	71,088	126,513	74,455	3,366
1966	196,599	3,228	38.6	72,895	128,058	75,770	2,875
1967	198,752	3,308	38.0	74,372	129,874	77,347	2,975
1968	200,745	3,466	37.8	75,920	132,028	78,737	2,817
1969	202,736	3,571	37.7	77,902	134,335	80,734	2,832
1970	205,089	3,578	37.1	78,678	137,085	82,771	4,093
1971	207,692	3,698	36.9	79,367	140,216	84,382	5,016
1972	209,924	3,898	37.0	82,153	144,126	87,034	4,882
1973	211,939	4,123	36.9	85,064	147,096	89,429	4,365
1974	213,898	4,099	36.5	86,794	150,120	91,949	5,156
1975	215,981	4,084	36.1	85,846	153,153	93,775	7,929
1976	218,086	4,312	36.1	88,752	156,150	96,158	7,406
1977	220,289	4,512	36.0	92,017	159,033	99,009	6,991
1978	222,629	4,761	35.8	96,048	161,910	102,251	6,202
1979	225,106	4,912	35.7	98,824	164,863	104,962	6,137
1980	227,726	4,901	35.3	99,303	167,745	106,940	7,637
1981	230,008	5,021	35.2	100,397	170,130	108,670	8,273
1982	232,218	4,919	34.8	99,526	172,271	110,204	10,678
1983	234,332	5,132	35.0	100,834	174,215	111,550	10,717
1984	236,394	5,505	35.2	105,005	176,383	113,544	8,539
1985	238,506	5,717	34.9	107,150	178,206	115,461	8,312
1986	240,682	5,912	34.8	109,597	180,587	117,834	8,237
1987	242,842	6,113	34.8	112,440	182,753	119,865	7,425
1988	245,061	6,368	34.7	114,968	184,613	121,669	6,701
1989	247,387	6,592	34.6	117,342	186,393	123,869	6,528
1990	249,981	6,708	34.5	118,793	189,164	125,840	7,047
1991	253,336	6,676	34.3	117,718	190,925	126,346	8,628
1992	256,677	6,880	34.4	118,492	192,805	128,105	9,613
1993	260,037	7,063	34.5	120,259	194,838	129,200	8,940
1994	263,226	7,348	34.7	123,060	196,814	131,056	7,996
1995	266,364	7,544	34.5	124,900	198,584	132,304	7,404
1996	269,485	7,813	34.4	126,708	200,591	133,943	7,236
1997	272,756	8,160	34.6	129,558	203,133	136,297	6,739
1998	275,955	8,509	34.6	131,463	205,220	137,673	6,210
1999	279,144	8,859	34.5	133,488	207,753	139,368	5,880
2000	282,489	9,191	34.5	135,208	209,699	140,863	5,655
2001	285,908	9,215	34.2	135,073	211,864	141,815	6,742

Population: BEA NIPA Table 2.1 for 1959-2001, linked to a series from the 1988 Economic Report of the President in 1959.

Real GDP: BEA NIPA tables, August 7 2002.

Hours: Economic Report of the President 2002 and 1988. 1946 value assumed equal to 1947 value.

Employment, Labour Force, Working Age Population, Unemployment: Economic Report of the President 2002.

Working age is defined as 16+ from 1947 onwards and 14+ in 1946.

Appendix Table 5: Unemployment Rates in Canada and the United States by Detailed Age and Sex Groups, 2001

		United States (%)	Canada (%)	Differential United States-Canada (percentage points)
All ages	Both sexes	4.8	7.2	-2.4
15/16 years and over	Males	4.8	7.5	-2.7
15/16-24 years		11.4	14.5	-3.1
25 years and over		3.6	6.2	-2.6
45 years and over		3.2	5.5	-2.3
25-54 years		3.7	6.3	-2.6
55 years and over		3.3	5.5	-2.2
15/16-19 years		15.9	18.4	-2.5
20-24 years		8.9	11.9	-3.0
25-29 years		4.9	8.2	-3.3
30-34 years		3.9	6.4	-2.5
35-39 years		3.7	6.3	-2.6
40-44 years		3.5	6.3	-2.8
45-49 years		3.2	5.4	-2.2
50-54 years		3.2	5.4	-2.2
55-59 years		3.2	6.0	-2.8
60-64 years		3.6	5.9	-2.3
65 years and over		3.0	3.0	0.0
65-69 years		3.3	3.8	-0.5
70 years and over		2.8	0.0	2.8
15/16 years and over	Females	4.7	6.8	-2.1
15/16-24 years		9.7	11.0	-1.3
25 years and over		3.7	6.0	-2.3
45 years and over		2.9	5.4	-2.5
25-54 years		3.8	6.0	-2.2
55 years and over		2.7	5.5	-2.8
15/16-19 years		13.4	14.7	-1.3
20-24 years		7.5	8.4	-0.9
25-29 years		5.1	6.6	-1.5
30-34 years		4.9	6.1	-1.2
35-39 years		4.0	6.6	-2.6
40-44 years		3.4	6.0	-2.6
45-49 years		3.2	5.4	-2.2
50-54 years		2.6	5.4	-2.8
55-59 years		2.8	5.7	-2.9
60-64 years		2.5	5.5	-3.0
65 years and over		2.9	4.1	-1.2
65-69 years		3.0	5.6	-2.6
70 years and over		2.8	0.0	2.8

Source: Statistics Canada, Labour Force Historical Review, 2001(R), 71F0004XCB and www.BLS.gov, on July 16, 2002.

Note: working age is defined as 15 years and above in Canada and 16 years and above in the United States.

Appendix Table 6: Labour Force Participation Rates in Canada and the United States by Detailed Age and Sex Groups, 2001

		United States	Canada	Differential United States- Canada (percentage points)
		(%)	(%)	
All ages	Both sexes	66.9	66.0	0.9
15/16 years and over	Males	74.4	72.5	1.9
15/16-24 years		67.1	66.1	1.0
25 years and over		75.9	73.8	2.1
45 years and over		60.8	57.1	3.7
25-54 years		91.3	91.1	0.2
55 years and over		40.5	33.8	6.7
15/16-19 years		50.7	52.5	-1.8
20-24 years		81.5	79.6	1.9
25-29 years		91.6	90.8	0.8
30-34 years		93.6	92.8	0.8
35-39 years		92.9	92.5	0.4
40-44 years		92.1	92.2	-0.1
45-49 years		90.3	91.2	-0.9
50-54 years		86.5	86.6	-0.1
55-59 years		77.3	72.4	4.9
60-64 years		56.5	47.0	9.5
65 years and over		17.7	9.4	8.3
65-69 years		30.3	16.1	14.2
70 years and over		12.1	6.0	6.1
15/16 years and over	Females	60.1	59.7	0.4
15/16-24 years		62.2	63.3	-1.1
25 years and over		59.7	59.0	0.7
45 years and over		46.0	41.5	4.5
25-54 years		76.4	79.1	-2.7
55 years and over		27.1	19.4	7.7
15/16-19 years		49.4	52.0	-2.6
20-24 years		72.9	74.3	-1.4
25-29 years		76.1	80.5	-4.4
30-34 years		75.5	79.3	-3.8
35-39 years		76.1	79.9	-3.8
40-44 years		78.0	81.6	-3.6
45-49 years		78.5	79.7	-1.2
50-54 years		74.0	72.5	1.5
55-59 years		61.6	53.2	8.4
60-64 years		42.4	27.4	15.0
65 years and over		9.7	3.4	6.3
65-69 years		20.0	7.8	12.2
70 years and over		5.9	1.7	4.2

Source: Statistics Canada, *Labour Force Historical Review*, 2001(R), 71F0004XCB and www.BLS.gov, on July 15, 2002.

Note: working age is defined as 15 years and above in Canada and 16 years and above in the United States.

Appendix Table 7: Nominal Aggregate Labour Productivity Levels in Canada and the United States, 1946-2001, with Alternative US Hours Data

	Canada			United States			Canada/US, %		
	GDP per Person Employed, current dollars	GDP per Hour, current dollars	GDP PPP	GDP per Person Employed, current US dollars	GDP per Hour, current US dollars	GDP per Person Employed, current US dollars	GDP per Hour, current US dollars	GDP per Person Employed	GDP per Hour
1946	2,569	0.94	1.143	2,938	1.07	4,024	1.79	73.01	59.87
1947	2,813	1.04	1.197	3,365	1.25	4,285	1.91	78.54	65.38
1948	3,209	1.18	1.141	3,660	1.35	4,621	2.07	79.21	64.96
1949	3,449	1.27	1.088	3,754	1.38	4,643	2.11	80.85	65.39
1950	3,748	1.43	1.084	4,063	1.55	4,995	2.25	81.34	68.86
1951	4,283	1.64	1.020	4,370	1.68	5,662	2.55	77.19	65.91
1952	4,798	1.86	0.992	4,759	1.85	5,952	2.68	79.96	69.02
1953	4,978	1.95	1.010	5,025	1.97	6,210	2.81	80.92	69.98
1954	4,986	1.98	1.010	5,035	2.00	6,340	2.91	79.41	68.69
1955	5,365	2.17	1.036	5,557	2.25	6,678	3.03	83.21	74.22
1956	5,790	2.35	1.033	5,979	2.43	6,865	3.13	87.10	77.51
1957	5,898	2.45	1.048	6,182	2.56	7,203	3.33	85.83	77.02
1958	6,148	2.64	1.054	6,482	2.78	7,423	3.46	87.33	80.42
1959	6,332	2.75	1.060	6,712	2.92	7,851	3.61	85.49	80.87
1960	6,487	2.90	1.062	6,886	3.08	8,018	3.73	85.89	82.63
1961	6,605	3.02	1.069	7,061	3.23	8,300	3.86	85.07	83.75
1962	6,970	3.19	1.066	7,432	3.40	8,793	4.08	84.53	83.48
1963	7,308	3.38	1.056	7,718	3.57	9,130	4.22	84.53	84.51
1964	7,723	3.59	1.044	8,060	3.75	9,587	4.44	84.07	84.42
1965	8,201	3.84	1.025	8,402	3.94	10,130	4.68	82.94	84.03
1966	8,693	4.11	1.004	8,727	4.12	10,828	5.03	80.60	81.90
1967	9,086	4.36	0.992	9,008	4.32	11,215	5.29	80.32	81.64
1968	9,739	4.80	0.998	9,718	4.79	12,006	5.70	80.94	84.09
1969	10,398	5.21	1.001	10,407	5.21	12,648	6.02	82.28	86.62
1970	11,062	5.67	1.005	11,118	5.70	13,215	6.39	84.13	89.23
1971	11,798	6.11	1.022	12,056	6.25	14,220	6.91	84.78	90.39
1972	12,794	6.72	1.005	12,855	6.75	15,099	7.32	85.14	92.20
1973	14,295	7.52	0.970	13,865	7.30	16,288	7.92	85.12	92.17
1974	16,391	8.70	0.922	15,107	8.01	17,294	8.50	87.36	94.29
1975	18,157	9.84	0.913	16,584	8.98	19,048	9.47	87.07	94.92
1976	20,488	11.26	0.884	18,112	9.95	20,551	10.21	88.13	97.47
1977	22,326	12.29	0.881	19,668	10.82	22,076	10.94	89.09	98.92
1978	24,042	13.10	0.885	21,282	11.60	23,904	11.79	89.03	98.39
1979	26,301	14.35	0.875	23,025	12.56	25,969	12.84	88.66	97.85
1980	28,737	15.94	0.861	24,752	13.73	28,152	14.06	87.92	97.62
1981	31,909	17.99	0.849	27,084	15.27	31,189	15.74	86.84	96.99
1982	34,700	19.63	0.831	28,843	16.31	32,747	16.57	88.08	98.44
1983	37,307	21.09	0.820	30,576	17.28	35,057	17.60	87.22	98.19
1984	39,786	22.45	0.823	32,746	18.48	37,453	18.56	87.43	99.54
1985	41,810	23.45	0.823	34,428	19.31	39,319	19.39	87.56	99.59
1986	42,787	24.03	0.817	34,950	19.63	40,630	19.98	86.02	98.21
1987	45,367	25.59	0.804	36,490	20.58	42,178	20.80	86.51	98.95
1988	48,236	26.78	0.796	38,393	21.32	44,432	21.69	86.41	98.30
1989	50,647	27.76	0.790	40,032	21.95	46,779	22.72	85.58	96.60
1990	51,966	28.92	0.796	41,359	23.02	48,851	23.84	84.66	96.54
1991	53,333	30.28	0.801	42,729	24.26	50,852	24.95	84.03	97.24
1992	54,897	31.67	0.81	44,466	25.65	53,328	26.36	83.38	97.31
1993	56,557	32.20	0.82	46,377	26.40	55,233	26.96	83.97	97.94
1994	58,793	33.05	0.83	48,798	27.43	57,324	28.12	85.13	97.54
1995	60,675	34.36	0.83	50,360	28.52	59,251	28.99	84.99	98.36
1996	62,162	34.98	0.84	52,216	29.39	61,663	30.17	84.68	97.39
1997	64,085	36.04	0.84	53,831	30.27	64,206	31.26	83.84	96.85
1998	64,706	36.70	0.86	55,647	31.57	66,798	32.69	83.31	96.57
1999	67,477	37.94	0.85	57,356	32.25	69,477	33.74	82.55	95.58
2000	71,430	39.87	0.84	60,001	33.49	72,663	35.20	82.57	95.14
2001	72,445	41.25	0.85	61,579	35.07	74,643	36.62	82.50	95.76

See Table 2 and Appendix Table 1 for data sources for Canada and Table 3 and Appendix Table 4 for GDP and employment data sources for the United States. Hours for the United States from the Current Population Survey, see Appendix Tables 8 and 9. GDP PPPs from Table 1.

Appendix Table 8: Real Aggregate Labour Productivity Levels and Growth Rates in Canada and the United States, 1946-2001, with Alternative US Hours Data

	Canada			United States						
	Real GDP (millions of chained 1997 dollars)	Employment (thousands)	Total Hours Worked per week (thousands)	GDP per Person Employed (chained 1997 dollars)	GDP per Hour Worked (chained 1997 dollars)	Real GDP (billions of 1996 chained dollars)	Employment (thousands)	Average Weekly Hours	GDP per Person Employed (chained 1996 dollars)	GDP per Hour Worked (chained 1996 dollars)
1946	124,268	4,813	253,590	25,818	9.42	1,506	55,250	43.2	27,249	12.13
1947	129,467	4,985	258,696	25,974	9.62	1,495	57,038	43.2	26,212	11.67
1948	132,763	5,029	262,950	26,400	9.71	1,560	58,343	42.9	26,738	11.99
1949	137,900	5,068	264,652	27,209	10.02	1,551	57,651	42.2	26,902	12.25
1950	148,180	5,133	258,696	28,868	11.02	1,687	58,918	42.7	28,626	12.90
1951	155,789	5,258	263,376	29,629	11.38	1,815	59,961	42.8	30,271	13.61
1952	169,509	5,332	264,227	31,790	12.34	1,887	60,250	42.8	31,324	14.08
1953	178,372	5,400	265,078	33,030	12.94	1,974	61,179	42.5	32,264	14.62
1954	176,189	5,409	262,099	32,576	12.93	1,961	60,109	41.9	32,616	14.96
1955	192,738	5,533	263,376	34,832	14.07	2,100	62,170	42.5	33,770	15.30
1956	208,875	5,761	272,737	36,255	14.73	2,141	63,799	42.1	33,560	15.32
1957	213,912	5,912	274,013	36,183	15.01	2,184	64,071	41.6	34,086	15.76
1958	218,800	5,886	263,801	37,172	15.95	2,163	63,036	41.3	34,311	15.99
1959	227,259	6,055	267,631	37,530	16.33	2,319	64,630	41.8	35,881	16.50
1960	233,637	6,153	264,652	37,969	16.98	2,377	65,778	41.4	36,132	16.79
1961	240,475	6,246	262,525	38,500	17.62	2,432	65,746	41.4	36,991	17.19
1962	256,765	6,422	269,758	39,985	18.30	2,579	66,702	41.5	38,663	17.92
1963	270,028	6,576	273,588	41,061	18.98	2,690	67,762	41.6	39,704	18.36
1964	288,035	6,818	281,672	42,248	19.67	2,847	69,305	41.5	41,072	19.04
1965	306,026	7,079	290,607	43,232	20.25	3,029	71,088	41.6	42,602	19.70
1966	326,174	7,471	304,223	43,661	20.62	3,228	72,895	41.4	44,276	20.58
1967	336,011	7,686	308,052	43,716	20.98	3,308	74,372	40.7	44,483	21.00
1968	354,138	7,833	305,499	45,213	22.29	3,466	75,920	40.5	45,655	21.67
1969	372,887	8,079	310,179	46,154	23.12	3,571	77,902	40.4	45,845	21.81
1970	382,411	8,169	306,350	46,812	24.01	3,578	78,678	39.8	45,476	21.99
1971	404,028	8,360	310,179	48,330	25.05	3,698	79,367	39.6	46,590	22.65
1972	425,494	8,607	315,285	49,433	25.95	3,898	82,153	39.7	47,453	23.01
1973	456,270	9,038	330,177	50,486	26.57	4,123	85,064	39.6	48,474	23.57
1974	475,143	9,413	341,240	50,477	26.78	4,099	86,794	39.1	47,227	23.21
1975	485,393	9,577	339,963	50,683	27.46	4,084	85,846	38.7	47,578	23.64
1976	512,145	9,776	342,091	52,387	28.79	4,312	88,752	38.7	48,581	24.14
1977	529,905	9,915	346,471	53,446	29.41	4,512	92,017	38.8	49,032	24.30
1978	551,386	10,212	360,412	53,993	29.42	4,761	96,048	39.0	49,565	24.44
1979	574,670	10,658	375,672	53,921	29.42	4,912	98,824	38.9	49,706	24.57
1980	582,404	10,970	380,368	53,090	29.45	4,901	99,303	38.5	49,353	24.65
1981	600,253	11,297	385,354	53,135	29.96	5,021	100,397	38.1	50,011	25.24
1982	583,089	10,947	372,202	53,265	30.13	4,919	99,526	38.0	49,427	25.01
1983	598,941	11,027	375,154	54,316	30.70	5,132	100,834	38.3	50,899	25.56
1984	633,756	11,300	385,125	56,085	31.65	5,505	105,005	38.8	52,428	25.99
1985	664,059	11,617	398,339	57,161	32.06	5,717	107,150	39.0	53,356	26.31
1986	680,144	11,979	410,260	56,778	31.88	5,912	109,597	39.1	53,947	26.53
1987	709,058	12,321	420,097	57,550	32.46	6,113	112,440	39.0	54,369	26.81
1988	744,333	12,710	440,212	58,561	32.52	6,368	114,968	39.4	55,393	27.04
1989	763,837	12,986	455,560	58,818	32.24	6,592	117,342	39.6	56,176	27.28
1990	765,311	13,084	452,102	58,492	32.55	6,708	118,793	39.4	56,467	27.56
1991	749,294	12,851	435,292	58,308	33.10	6,676	117,718	39.2	56,715	27.82
1992	755,848	12,760	425,316	59,236	34.18	6,880	118,492	38.9	58,063	28.70
1993	773,528	12,858	434,286	60,162	34.25	7,063	120,259	39.4	58,728	28.66
1994	810,695	13,112	448,549	61,830	34.76	7,348	123,060	39.2	59,708	29.29
1995	833,456	13,357	453,598	62,399	35.34	7,544	124,900	39.3	60,399	29.56
1996	846,952	13,463	460,031	62,911	35.41	7,813	126,708	39.3	61,663	30.17
1997	882,733	13,774	471,023	64,085	36.04	8,160	129,558	39.5	62,980	30.66
1998	918,910	14,140	479,388	64,985	36.86	8,509	131,463	39.3	64,725	31.67
1999	968,451	14,531	497,000	66,646	37.47	8,859	133,488	39.6	66,366	32.23
2000	1,012,334	14,910	513,732	67,898	37.90	9,191	135,208	39.7	67,980	32.93
2001	1,027,522	15,077	509,164	68,153	38.81	9,215	135,073	39.2	68,219	33.47
46-01	3.92	2.10	1.28	1.78	2.61	3.35	1.64	-0.18	1.68	1.86
46-73	4.94	2.36	0.98	2.51	3.91	3.80	1.61	-0.33	2.16	2.49
73-01	2.94	1.84	1.56	1.08	1.36	2.91	1.67	-0.03	1.23	1.26
73-81	3.49	2.83	1.95	0.64	1.51	2.49	2.09	-0.47	0.39	0.86
81-89	3.06	1.76	2.11	1.28	0.92	3.46	1.97	0.48	1.46	0.97
89-01	2.50	1.25	0.93	1.24	1.56	2.83	1.18	-0.08	1.63	1.72
89-95	1.46	0.47	-0.07	0.99	1.54	2.27	1.05	-0.13	1.22	1.34
95-01	3.55	2.04	1.94	1.48	1.58	3.39	1.31	-0.04	2.05	2.09

See Appendix Table 1 for Canadian data sources and Appendix Table 4 for US data sources.

US Hours: BLS series LFU123000000, August 8 2002, from the Current Population Survey. Data prior to 1976 obtained by applying the annual growth rate of the series from the establishment-based Current Employment Survey, from the Economic Report of the President, 2001 and 1988. 1946 value assumed equal to 1947 value.

Appendix Table 9: Comparison of Estimates of Average Annual Hours Worked in the United States, 1990-2001

Data Source	Average Annual Hours Actually Worked				Average Annual Growth Rates	
	1990	1998	2000	2001	1990-1998	1990-2001
Angus Maddison	1,594	1,610			0.12	
Current Employment Survey	1,794	1,799	1,794	1,778	0.03	-0.08
OECD	1,838	1,850	1,835	1,821	0.08	-0.08
Groningen Growth and Development Centre and the Conference Board	1,819	1,864	1,879	1,868	0.31	0.24
ILO Key Indicators of the Labour Market	1,819	1,864	1,877		0.31	
Current Population Survey	2,049	2,044	2,064	2,038	-0.03	-0.05

Sources and notes:

Angus Maddison: *Monitoring the World Economy: A Millennial Perspective*, OECD Development Centre Studies. Based on the CES, with adjustments.

Current Employment Survey: establishment-based survey, BLS. Annual estimate calculated as weekly estimate*52. From Appendix Table 4.

OECD: Employment Outlook, June 2002. Based on the CES estimate, with adjustments for multiple job holders and economy-wide coverage from the CPS.

Groningen Growth and Development Centre and the Conference Board: based on the CES and OECD, with additional adjustments.

Key Indicators of the Labour Market: based on OECD estimates, with further adjustments.

Current Population Survey: household-based survey, BLS. Annual estimate calculated as weekly estimate*52. From Appendix Table 8.

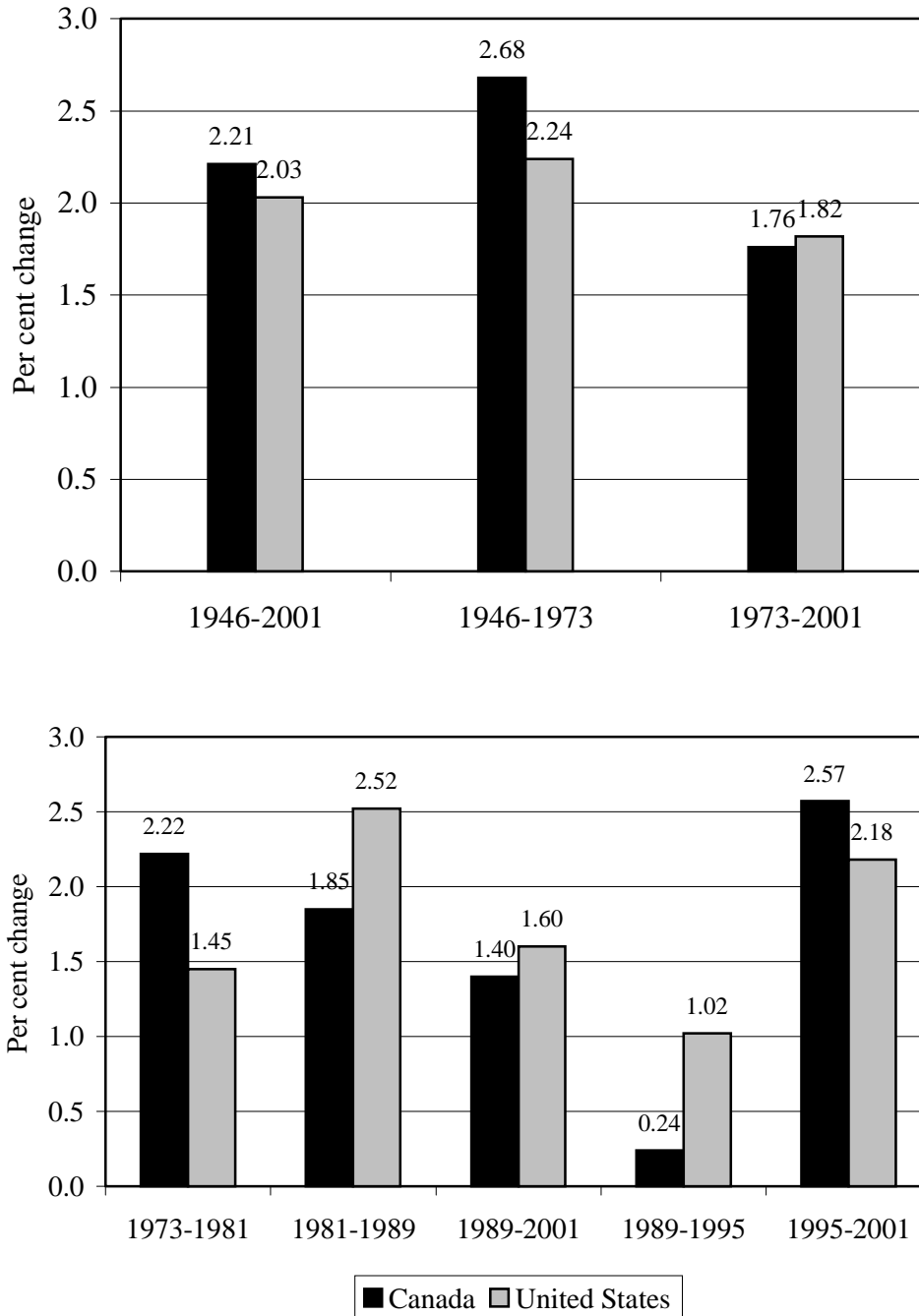
Appendix Table 10: Statistical Revisions to the US National Accounts, July 31 2002

	Nominal GDP				Real GDP (1996\$)			
	Old	Revised	Size of Revision	Relative Size of Revision (as a % of Old)	Old	Revised	Size of Revision	Relative Size of Revision (as a % of Old)
1999	9,268.6	9,274.3	5.7	0.06	8,856.5	8,859.0	2.5	0.03
2000	9,872.9	9,824.6	-48.3	-0.49	9,224.0	9,191.4	-32.6	-0.35
2001	10,208.1	10,082.2	-125.9	-1.23	9,333.8	9,214.5	-119.3	-1.28

	Personal Income (nominal)				Personal Disposable Income (nominal)			
	Old	Revised	Size of Revision	Relative Size of Revision (as a % of Old)	Old	Revised	Size of Revision	Relative Size of Revision (as a % of Old)
1999	7,777.3	7,786.5	9.2	0.12	6,618.0	6,627.4	9.4	0.14
2000	8,319.2	8,406.6	87.4	1.05	7,031.0	7,120.2	89.2	1.27
2001	8,723.5	8,685.3	-38.2	-0.44	7,417.3	7,393.2	-24.1	-0.32

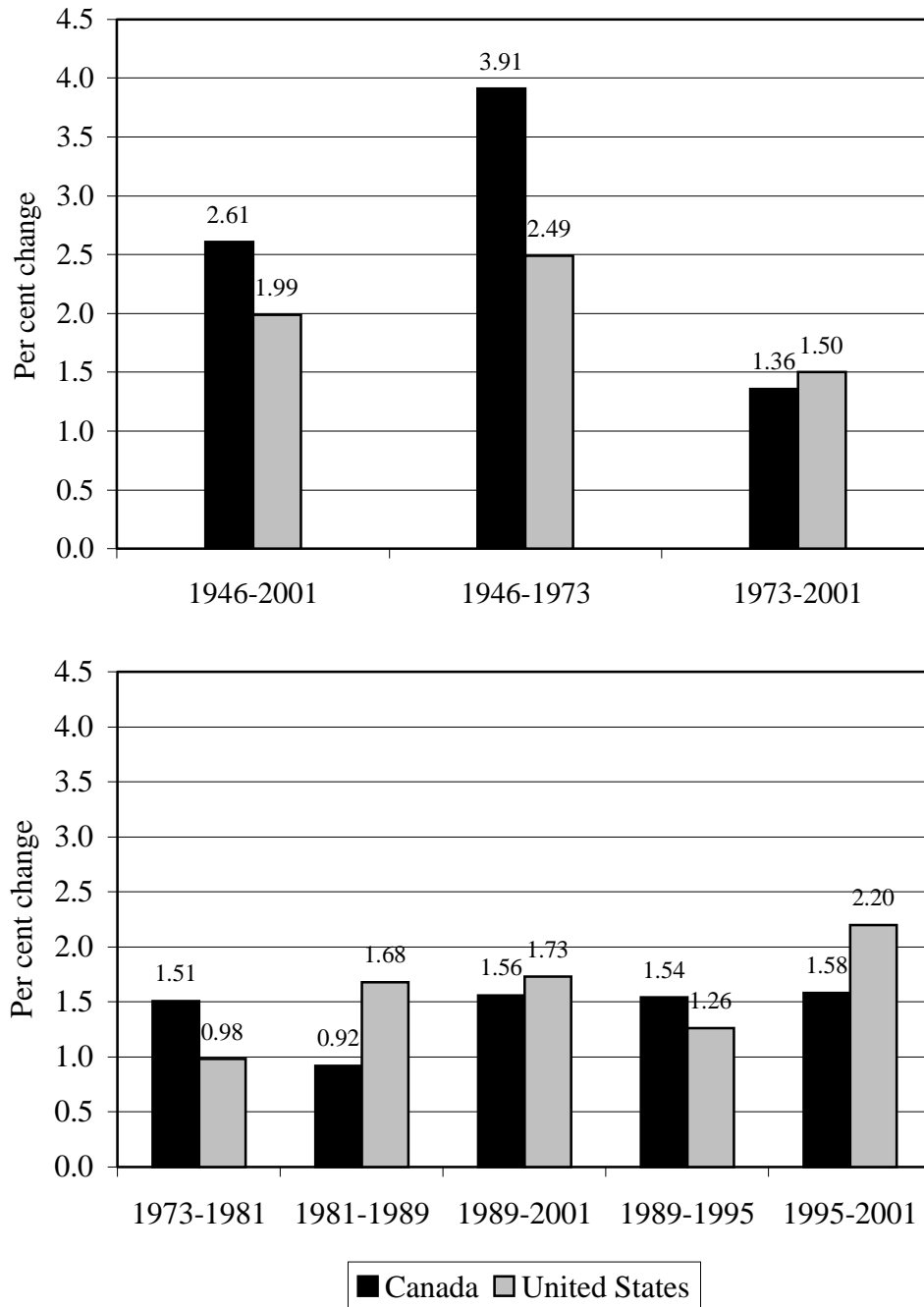
Source: BEA NIPA Tables, August 7 2002, and old data from the NIPA Tables prior to the revisions, June 3 2002.

**Chart 1: Real GDP per Capita in Canada and the United States
(Average annual rates of change)**



Source: Tables 2 and 3.

**Chart 2: Real GDP per Hour Worked in Canada and the United States
(Average annual rate of change)**

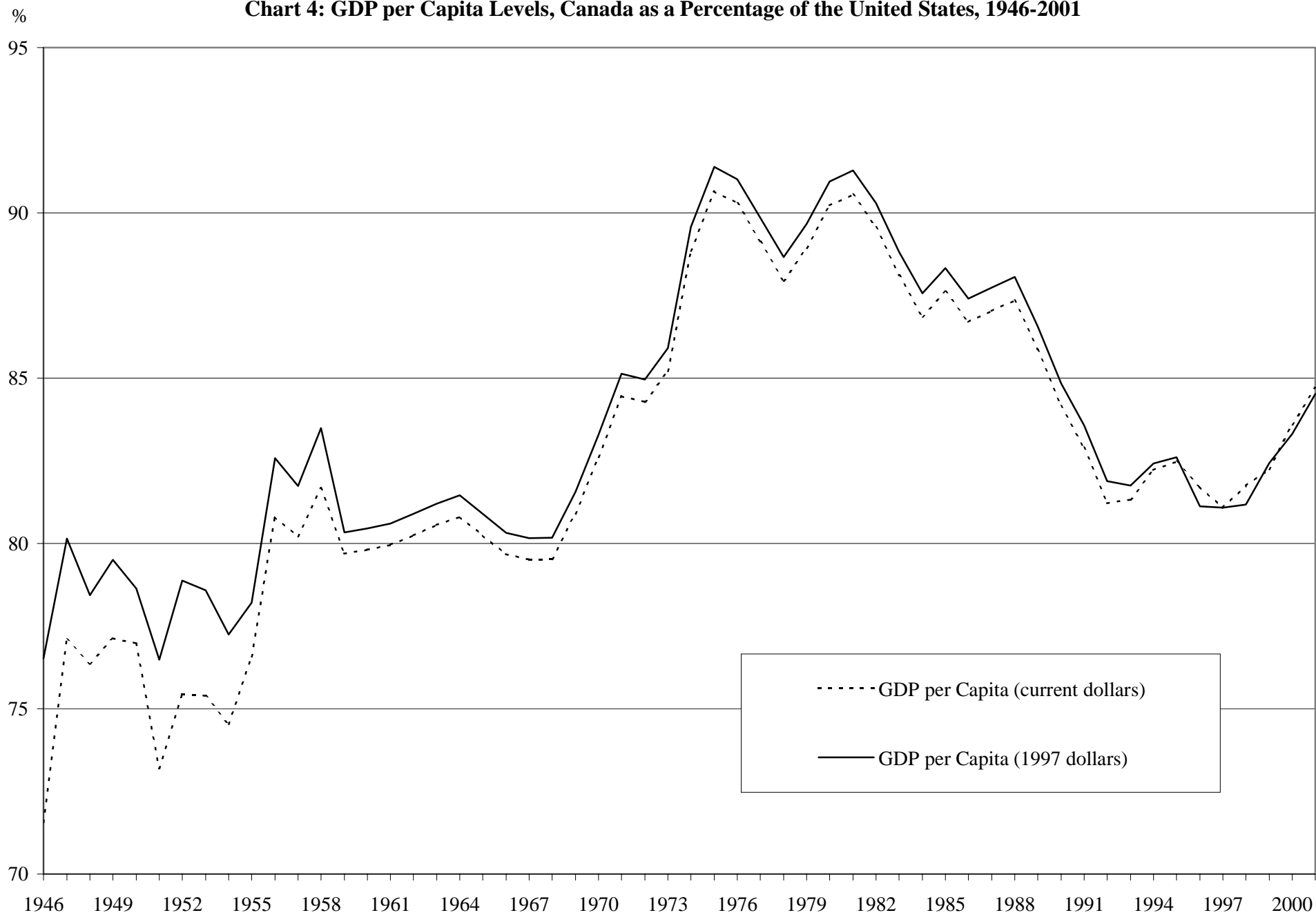


Source: Table 14.

Chart 3: Trends in the Canada-US GDP Per Capita and GDP Per Hour Worked Gaps, 1946-2001

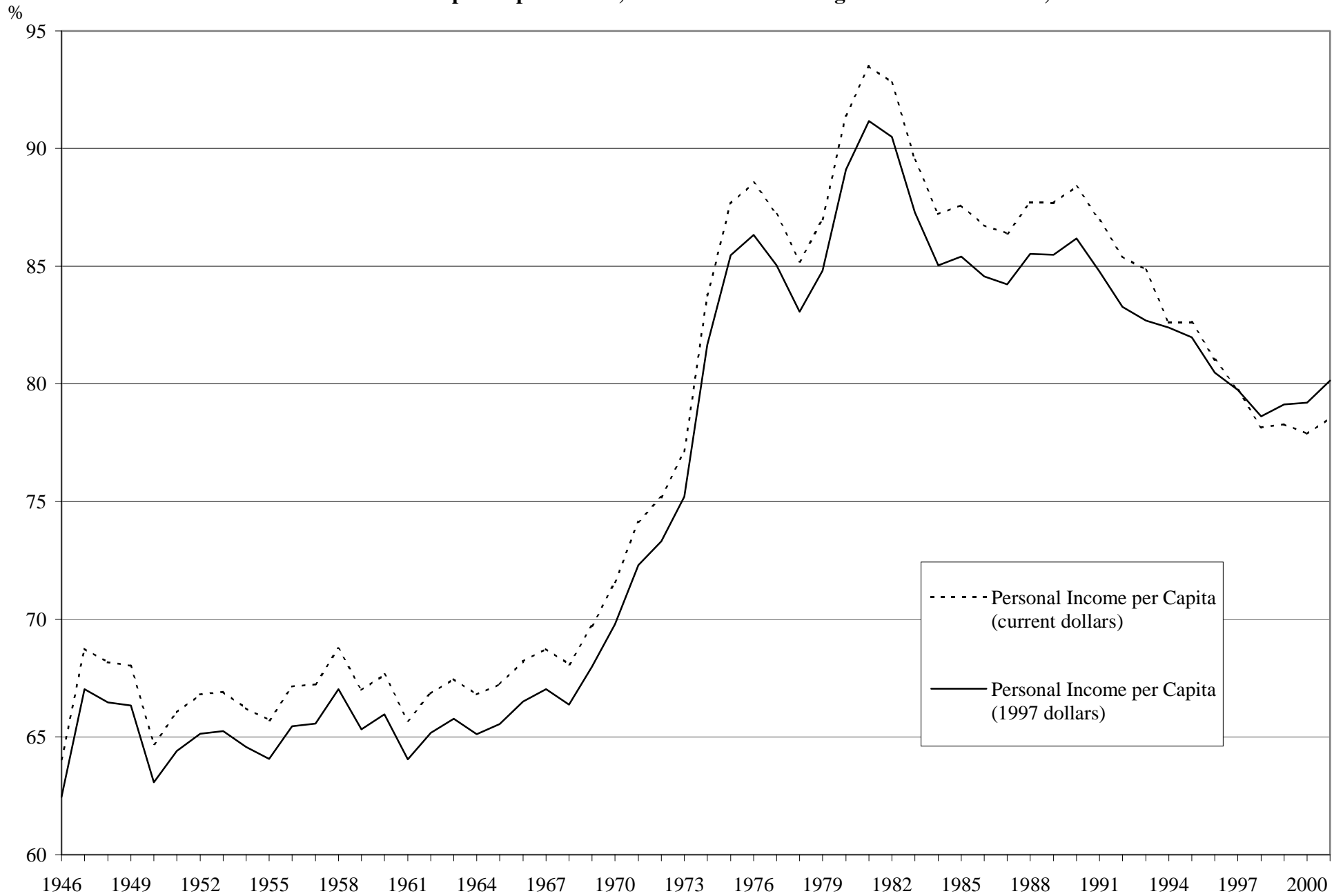


Chart 4: GDP per Capita Levels, Canada as a Percentage of the United States, 1946-2001



Source: Table 1 and 3A

Chart 5: Personal Income per Capita Levels, Canada as a Percentage of the United States, 1946-2001



Source: Tables 1 and 3A

Chart 6: Personal Disposable Income per Capita Levels, Canada as a Percentage of the United States, 1946-2001



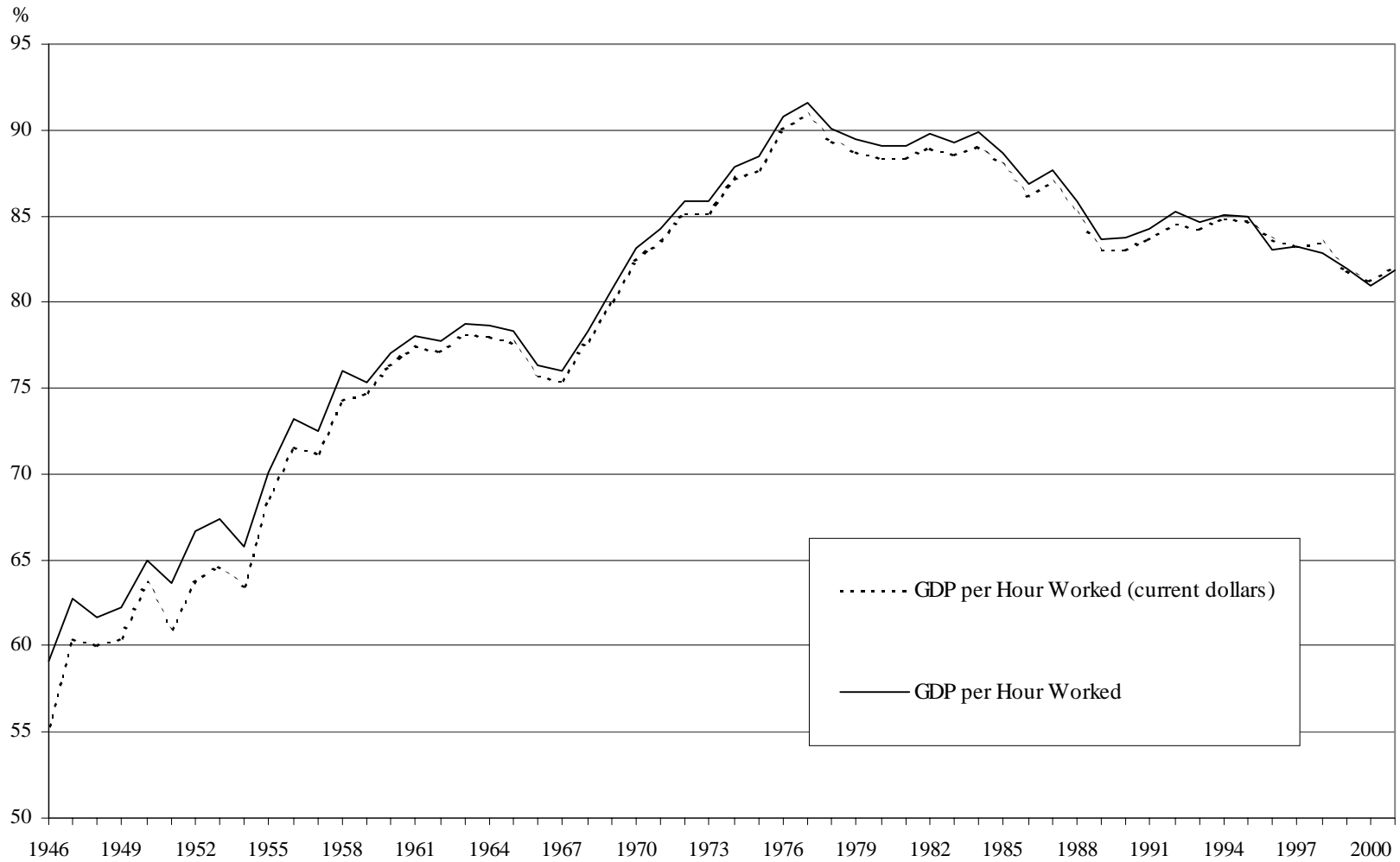
Source: Tables 1 and 3A

Chart 7: GDP per Worker Levels, Canada as a Percentage of the United States, 1946-2001



Source: Tables 11 and 14A

Chart 8: GDP per Hour Levels, Canada as a Percent of the United States, 1946-2001



Source: Tables 11 and 14A

Appendix Chart 1: Personal Income and Corporate Profits as Percentages of GDP, Canada and the United States, 1961-2001

