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Table 1: The Relationship Between GDP and Productivity in Canada, 1947-2006

	GDP	Total Hours Worked for All Jobs	Labour Productivity (GDP per Hour)
levels	chained dollars	Millions of hours	1997 chained dollars
	A=B*C	B	C
1947	\$132,799	13,063	10.17
1973	457,766	17,349	26.39
1996	846,952	24,298	34.86
2000	1,020,488	26,607	38.35
2006	1,191,073	29,054	41.00
2026 *	1,705,965	30,897	55.21
compound average annual growth rates (per cent)			
	A≈B+C	B	C
1947-2006	3.79	1.36	2.39
1947-1973	4.87	1.10	3.74
1973-2006	2.71	1.48	1.22
1973-1996	2.94	1.57	1.34
1996-2000	4.77	2.30	2.42
2000-2006	2.61	1.48	1.12
2006-2026	1.81	0.31	1.50
Relative contribution to the GDP growth rate			
1947-2006	100	36.0	63.1
1947-1973	100	22.5	76.6
1973-2006	100	54.4	44.9
1973-1996	100	53.6	45.7
1996-2000	100	48.1	50.7
2000-2006	100	56.6	42.8
2006-2026	100	17.0	82.8

*From 2006-2026, labour productivity is assumed to grow at 1.5 per cent per year; average hours worked per week are held at the 2006 level; employment is assumed to grow at the same rate as that of the labour force; and labour force growth is based on projected 15-64 years old population growth with 2006 labour force participation rate for the 15-64 age group held constant.

Source: Statistics Canada, CANSIM series v1992067, v504324, v15900411, v29509279, v716818 and v719846, Feb 19, 2007.

Table 2: The Relationship Between Real Income and Productivity in Canada, 1947-2006

	GDP per Capita	Labour Productivity (Output per Hour)	Average Hours Worked per Week	Employment- Population Ratio
Levels ¹				
	$A=B*(C*52)*(D/100)$	B	C	D
1947	\$10,586	10.17	50.50	39.60
1973	20,387	26.39	37.00	40.10
1996	28,642	34.86	34.80	45.40
2000	33,294	38.35	34.70	48.20
2006	36,557	41.00	33.90	50.60
2026 ²	45,040	55.21	33.90	46.30
Compound average annual growth rates				
	$A \approx B+C+D$	B	C	D
1947-2006	2.12	2.39	-0.68	0.42
1947-1973	2.55	3.74	-1.19	0.05
1973-2006	1.79	1.34	-0.27	0.70
1973-1996	1.49	1.22	-0.27	0.54
1996-2000	3.83	2.42	-0.11	1.50
2000-2006	1.57	1.12	-0.37	0.82
2006-2026	1.05	1.50	0.00	-0.45
Relative contribution to the growth rate of GDP per capital				
1947-2006	100	112.70	-31.80	19.60
1947-1973	100	146.40	-46.60	1.90
1973-2006	100	81.80	-18.00	36.00
1973-1996	100	75.30	-15.00	39.50
1996-2000	100	63.10	-3.00	39.10
2000-2006	100	71.10	-23.50	52.30
2006-2026	100	143.00	0.00	-42.40

Note:

1. GDP per capita and labour productivity are expressed in 1997 chained dollars. Hours are expressed as hours per week. The employment-population ratio is expressed in per cent.

2. From 2006-2026, labour productivity is assumed to grow at 1.5 per cent per year; average hours worked per week are held at the 2006 level; employment is assumed to grow at the same rate as that of the labour force; and labour force growth is based on projected 15-64 years old population growth with 2006 labour force participation rate for the 15-64 age group held constant.

Source: Statistics Canada, CANSIM series v1992067, v504324, v15900411, v29509279, v716818, v719846, v2461119, v21052, v1 and v32097073, Feb 19, 2007.

Table 3: Output per Hour Levels and Growth Rates in Selected OECD Countries, 1950-2006

	(United States= 100)					(compound average annual growth rates)				
	1950	1973	1995	2000	2006	1950-1973	1973-1995	1995-2000	2000-2006	1973-2006
Australia	73.4	75.3	82.1	82.2	78.2	2.68	1.62	2.31	1.49	1.70
Austria	30.0	62.9	89.2	92.4	89.1	5.91	2.83	3.01	1.71	2.66
Belgium	49.1	79.7	105.2	102.6	95.7	4.75	2.50	1.77	1.16	2.15
Canada	81.0	88.5	85.5	83.2	78.1	2.96	1.06	1.71	1.28	1.20
Denmark	56.5	74.6	97.3	91.8	85.9	3.81	2.44	1.11	1.20	2.01
Finland	33.9	54.5	80.0	81.8	81.7	4.71	2.99	2.75	2.31	2.83
France	42.1	73.9	104.9	104.1	100.1	5.11	2.84	2.13	1.65	2.52
All Germany			88.2	87.0	82.5			2.01	1.42	
West Germany	36.7	75.4	108.3			5.83	2.90			
Ireland	29.0	44.3	79.8	96.7	98.1	4.47	3.96	6.27	2.59	4.06
Italy	42.9	75.9	99.4	93.2	81.2	5.14	2.47	0.97	0.00	1.79
Japan	18.3	51.3	74.0	71.9	71.7	7.27	2.92	1.69	2.28	2.62
Luxembourg	66.7	84.7	106.6	107.2	102.4	3.63	2.28	2.40	1.55	2.17
Netherlands	56.8	84.6	98.9	96.4	91.1	4.36	1.94	1.75	1.38	1.81
New Zealand*	92.0	67.6	64.5	61.8	56.3	1.20	1.01	1.40	0.75	1.02
Norway	51.2	73.8	114.0	114.2	111.1	4.21	3.24	2.31	1.86	2.85
Portugal	18.1	43.3	51.5	54.4	48.3	6.53	2.02	3.39	0.33	1.92
South Korea**	17.8	17.0	38.4	41.2	44.6	2.36	5.03	3.71	3.69	4.59
Spain	21.2	44.5	80.1	71.1	60.7	5.92	3.96	-0.12	-0.33	2.54
Sweden	57.4	80.6	84.5	85.3	86.4	4.09	1.44	2.46	2.56	1.80
Switzerland	73.1	88.7	84.0	81.0	76.9	3.43	0.97	1.55	1.44	1.14
United Kingdom	61.9	66.0	86.6	86.4	84.4	2.85	2.48	2.22	1.94	2.34
United States	100.0	100.0	100.0	100.0	100.0	2.57	1.22	2.28	2.33	1.58
Unweighted Average	48.1	67.0	86.5	85.0	81.2	4.26	2.46	2.23	1.57	2.25

Source: Groningen Growth and Development Centre and the Conference Board, Total Economy Database, June 2007, <http://www.ggdc.net>.

*Data for New Zealand are available for 1956 onwards only. The relative level shown for 1950 is actually for 1959, the first year for which data are available for both New Zealand and the United States. The growth rate shown for the 1950-1973 period is actually for 1956-1973.

** Data for South Korea are available for 1963 onwards only. The relative level shown for 1950 is actually for 1963, the first year for which data are available for both South Korea and the United States. The growth rate shown for the 1950-1973 period is actually for 1963-1973.

*** The average excludes the United States for relative levels but includes the United States for growth rates. For 1950 and 1973 and the 1950-1973 and 1973-1995 periods, West Germany is included and All Germany is not included. For 1995, 2000 and 2006 and the 1995-2000, 2000-2006 and 1973-2006 periods, All Germany is included and West Germany is not included.

Table 4: GDP per Worker in Current dollars by Province

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1987	45,321	40,793	32,528	40,201	41,284	42,500	47,140	40,350	39,392	50,577	45,376
1988	48,239	42,399	35,000	40,926	42,742	45,708	50,450	43,484	40,730	52,308	48,381
1989	50,609	43,602	37,436	42,731	44,232	47,440	53,624	45,582	43,771	53,846	50,111
1990	51,956	44,558	39,365	44,103	44,815	48,827	54,453	47,086	46,735	57,375	50,878
1991	53,305	46,834	42,228	46,374	46,230	50,303	56,426	47,413	47,194	56,752	51,885
1992	55,022	48,994	43,669	49,049	47,282	52,117	58,078	48,878	47,366	58,544	53,946
1993	56,844	50,418	45,256	50,049	48,993	53,525	59,418	48,809	51,122	62,993	56,401
1994	59,031	53,044	45,260	50,099	51,192	55,085	62,050	51,129	53,861	66,471	57,659
1995	60,955	54,794	46,538	51,333	53,268	56,559	64,572	52,209	57,697	67,431	59,179
1996	62,353	55,557	47,929	51,770	54,422	57,680	65,447	54,956	63,363	70,197	59,934
1997	64,405	55,937	47,619	53,319	54,497	59,387	67,913	56,604	62,542	73,755	61,480
1998	65,140	58,087	50,017	54,139	55,942	60,248	69,297	57,978	62,806	71,156	62,226
1999	68,193	60,617	52,475	57,077	58,498	63,342	72,564	59,043	65,263	75,829	63,831
2000	72,918	70,313	53,684	59,937	60,643	66,101	75,770	61,664	71,442	91,407	68,002
2001	74,136	69,573	53,947	62,401	62,660	67,329	76,559	63,426	71,968	92,755	69,481
2002	75,302	79,426	57,202	64,039	61,699	67,634	79,213	64,455	73,335	90,133	70,327
2003	77,424	85,662	57,579	66,793	65,130	69,066	79,382	65,615	76,839	99,202	72,350
2004	80,942	90,868	60,194	67,524	67,087	71,454	81,945	69,069	83,429	107,462	76,376
2005	84,814	100,355	61,129	70,738	68,936	73,599	84,039	71,827	88,722	122,413	79,256
2006	87,313	115,424	63,149	72,354	70,965	75,466	85,678	76,247	91,642	125,938	81,850

Source: CANSIM II, v687341, v687375, v687409, v687443, v687477, v687511, v687545, v687579, v687613, v687647, v687681, v687715, v687749, v1407402, v1407436 and v2341590, v2341592, v2341526, v2341593, v2341594, v2341595, v2341596, v2341597, v2341598, v2341599, v2341600, v28536519, v28536529, v41126209.

Table 5: Total Compensation per Worker in Canada by Province, 1997-2005

in current dollars

	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1997	34,796	29,943	26,675	29,707	30,131	32,568	37,627	30,320	27,413	35,320	34,495
1998	35,676	30,348	27,366	30,604	30,993	33,073	38,566	31,204	28,349	36,812	35,349
1999	36,768	30,466	28,896	32,197	32,140	34,290	39,997	31,692	29,518	37,114	35,880
2000	38,851	33,495	29,650	33,384	33,439	36,281	42,294	32,952	30,452	39,982	37,399
2001	40,163	33,943	30,570	34,339	33,694	37,161	43,214	34,078	32,379	43,718	38,560
2002	40,724	34,549	31,219	35,492	33,774	37,352	43,882	34,965	33,357	44,232	39,301
2003	41,634	35,905	32,201	36,167	35,694	38,636	44,445	36,079	34,686	45,455	39,808
2004	42,948	36,746	33,306	36,116	36,358	39,450	45,690	37,549	36,433	48,284	41,157
2005	44,600	38,465	34,312	37,581	37,477	40,572	47,179	38,503	37,768	52,448	42,387

Source: Statistics Canada, CAMSIM II: v15900543, v15902919, v15905295, v15907671, v15910047, v15912423, v15914799, v15917175, v15919551, v15921927, v15924303, v15926679, v15929055, v15931431, v15933807.

Table 6: Total Gross Migration and Total Net Migration, 1987-2005 (persons)

	Total Gross Migration	As a % of the Total Population	Total Net Migration to Positive Balance Provinces	As a % of the Total Population
1987	306,410	1.16	57,126	0.22
1988	311,501	1.17	40,639	0.15
1989	335,707	1.23	40,592	0.15
1990	320,900	1.16	50,066	0.18
1991	304,105	1.09	40,831	0.15
1992	297,868	1.05	40,511	0.14
1993	273,145	0.96	37,336	0.13
1994	276,222	0.96	34,532	0.12
1995	276,100	0.95	27,751	0.10
1996	274,115	0.93	32,428	0.11
1997	280,719	0.94	39,770	0.13
1998	286,380	0.95	49,833	0.17
1999	266,690	0.88	38,132	0.13
2000	280,645	0.92	46,619	0.15
2001	271,371	0.88	34,906	0.11
2002	271,738	0.87	22,622	0.07
2003	247,230	0.78	14,835	0.05
2004	260,532	0.82	26,216	0.08
2005	304,991	0.95	54,404	0.17
2006	370,791	1.14	69,740	0.21
1987-2005	286,651	0.98	38,376	0.13

Source: CSLS calculations from Statistics Canada CANSIM Table 051-0019 for interprovincial migration. Total Canadian population from Annual Statistics Canada Estimates, CANSIM Table 051-0001. Estimates excludes territories.

Table 7: Incidence of Interprovincial Migrants in Total Population by Age Group in Canada, 1972-2006

per 100 person

YEARS	<14	15-24	25-34	35-44	45-54	55-64	65 and over	The overall incidence for all ages	The simulated incidence for all ages using 1972's population share
1972	1.64	2.59	2.63	1.89	1.11	0.78	0.60	1.78	1.78
1973	1.63	2.55	2.54	1.91	1.11	0.78	0.60	1.76	1.75
1974	1.78	2.75	2.71	2.11	1.22	0.86	0.66	1.91	1.91
1975	1.91	2.46	2.33	1.87	1.06	0.74	0.58	1.78	1.78
1976	1.71	2.21	2.08	1.71	0.97	0.66	0.51	1.60	1.60
1977	1.52	2.27	2.24	1.33	0.67	0.58	0.45	1.50	1.49
1978	1.72	2.04	2.24	1.35	0.71	0.61	0.49	1.52	1.51
1979	1.70	2.02	2.19	1.29	0.70	0.59	0.49	1.49	1.49
1980	1.74	2.17	2.20	1.30	0.72	0.60	0.48	1.53	1.53
1981	1.55	2.64	2.34	1.36	0.74	0.59	0.47	1.61	1.59
1982	1.33	2.39	2.08	1.16	0.63	0.48	0.38	1.41	1.39
1983	1.11	1.97	1.79	0.98	0.59	0.44	0.40	1.19	1.18
1984	1.02	1.65	1.71	0.91	0.55	0.41	0.36	1.08	1.07
1985	1.02	1.55	1.72	0.89	0.56	0.40	0.36	1.06	1.05
1986	1.10	1.71	1.79	0.91	0.57	0.42	0.36	1.12	1.12
1987	1.21	1.74	1.78	1.03	0.59	0.46	0.37	1.16	1.17
1988	1.28	1.85	1.82	1.06	0.59	0.48	0.38	1.20	1.23
1989	1.19	2.03	1.86	1.08	0.59	0.51	0.37	1.22	1.24
1990	1.30	2.16	1.98	1.12	0.63	0.57	0.40	1.30	1.33
1991	1.14	1.96	1.80	0.98	0.56	0.52	0.36	1.15	1.19
1992	1.27	1.93	1.69	0.88	0.55	0.44	0.33	1.12	1.19
1993	1.20	1.82	1.65	0.83	0.52	0.43	0.32	1.06	1.13
1994	1.08	1.80	1.58	0.77	0.50	0.43	0.31	1.00	1.07
1995	1.07	1.77	1.59	0.74	0.48	0.42	0.29	0.98	1.06
1996	1.08	1.76	1.67	0.74	0.48	0.44	0.30	0.99	1.07
1997	1.09	1.68	1.64	0.80	0.52	0.42	0.33	0.99	1.07
1998	1.12	1.87	1.75	0.82	0.53	0.43	0.33	1.03	1.13
1999	0.97	1.71	1.58	0.72	0.48	0.39	0.30	0.92	1.01
2000	1.00	1.71	1.66	0.74	0.49	0.40	0.31	0.94	1.04
2001	0.92	1.60	1.57	0.70	0.45	0.37	0.29	0.87	0.97
2002	0.91	1.62	1.66	0.84	0.55	0.41	0.34	0.93	1.02
2003	0.87	1.48	1.56	0.80	0.54	0.39	0.32	0.87	0.95
2004	0.81	1.40	1.46	0.76	0.52	0.37	0.31	0.82	0.90
2005	0.87	1.49	1.61	0.85	0.56	0.40	0.33	0.89	0.97
2006	1.03	1.73	1.86	1.01	0.63	0.44	0.37	1.02	1.13
72-06									
annual compound growth rate	-1.34	-1.18	-1.02	-1.84	-1.64	-1.65	-1.46	-1.60	-1.32
total changes	-0.60	-0.86	-0.77	-0.89	-0.48	-0.34	-0.24	-0.75	-0.64

Source: Statistics Canada, Population Estimates Program.