

A Detailed Analysis of the Productivity Performance of the Canadian Forest Products Sector

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All industries	Forest Products Sector																					
	Forestry and logging [113]	Wood product manufacturing [321]										Paper manufacturing [322]										
		Total, Wood product manufacturing [321]	Sawmills and wood preservation [3211]	Veneer, plywood and engineered wood product manufacturing [3212]				Other wood product manufacturing [3219]				Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]					Converted paper product manufacturing [3222]				
				Total, Veneer, plywood and engineered wood product manufacturing [3212]	Veneer and plywood mills [32121A]	Structural wood product manufacturing [321215]	Particle board, fibreboard and waferboard mills [32121B]	Total, Other wood product manufacturing [3219]	Millwork [32191]	Wood container and other wood product manufacturing [3219X]	Total, Pulp, paper and paperboard mills [3221]		Pulp mills [32211]	Paper mills [32212]	Paper (except newsprint) mills [322121]	Newsprint mills [322122]	Paperboard mills [32213]	Total, Converted paper product manufacturing [3222]	Paperboard container manufacturing [32221]	Paper bag and coated and treated paper manufacturing [32222]	Stationery and other converted paper product manufacturing [3222X]	
1997	888,158	5,047	9,047	5,499	1,666	603	191	876	1,854	1,128	734	10,709	7,424	1,465	5,024	1,840	3,185	942	3,230	1,858	651	750
1998	924,182	5,094	9,551	5,849	1,763	584	208	969	1,900	1,179	726	10,432	7,087	1,500	4,688	1,774	2,926	908	3,359	1,795	743	829
1999	974,405	5,302	10,219	5,951	2,035	681	206	1,135	2,191	1,414	778	11,469	8,046	1,773	5,187	1,835	3,341	1,106	3,352	1,690	804	859
2000	1,026,242	5,632	11,335	6,538	2,178	780	226	1,173	2,617	1,692	925	11,893	8,538	1,847	5,658	2,125	3,534	1,040	3,224	1,620	778	827
2001	1,040,943	5,676	10,835	6,018	2,172	772	259	1,144	2,643	1,742	901	11,295	7,737	1,757	4,989	1,875	3,116	1,009	3,557	1,724	1,009	826
2002	1,068,765	5,893	12,079	6,673	2,498	880	354	1,264	2,908	1,990	919	11,865	8,114	1,798	5,390	2,014	3,376	926	3,751	1,720	1,115	916
2003	1,091,378	5,756	12,232	6,607	2,628	817	400	1,399	2,970	1,994	975	11,910	8,060	1,696	5,521	2,631	2,860	856	3,845	1,781	1,133	931
2004	1,126,802	6,182	12,843	6,821	2,773	828	419	1,501	3,209	2,173	1,036	12,033	8,279	1,857	5,569	2,789	2,739	837	3,767	1,749	1,094	924
2005	1,160,024	6,168	13,137	6,761	2,945	904	413	1,595	3,332	2,256	1,076	11,580	7,926	1,778	5,335	2,694	2,601	798	3,660	1,646	1,055	965
2006	1,193,905	5,896	12,564	6,559	2,809	824	408	1,540	3,106	1,976	1,118	10,584	7,345	1,650	4,916	2,481	2,398	764	3,261	1,454	919	894
2007	1,223,959	5,279	11,203	5,800	2,379	681	422	1,271	3,006	1,878	1,114	10,170	7,002	1,555	4,694	2,418	2,239	747	3,180	1,409	849	932
Compound Annual Growth Rate																						
1997-2007	3.26	0.45	2.16	0.53	3.62	1.23	8.23	3.80	4.95	5.23	4.26	-0.51	-0.58	0.60	-0.68	2.77	-3.46	-2.30	-0.16	-2.73	2.69	2.20
2000-2007	2.55	-0.92	-0.17	-1.70	1.27	-1.93	9.33	1.15	2.00	1.51	2.68	-2.21	-2.79	-2.43	-2.63	1.86	-6.31	-4.62	-0.20	-1.98	1.25	1.72
2000-2006	2.55	0.77	1.73	0.05	4.33	0.91	10.35	4.64	2.90	2.62	3.20	-1.92	-2.48	-1.86	-2.32	2.62	-6.26	-5.00	0.19	-1.79	2.82	1.31

Source: Calculated from Statistics Canada CANSIM Table 379-0027

Note:

1. Arithmetic mean over 12 months.
2. Chained-dollar estimates of GDP are not additive. As result the total do not necessarily equal the sum of their component. As well, an aggregate estimate of real GDP for the forest products sector is not provided because of this non-additivity.

Table 1a: Real Gross Domestic Product in the Forest Products Sector, Canada, millions of constant 2002 dollars, 1981-2007

	All industries	Manufacturing	Forest Products Sector																							
			Total, Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]										Paper manufacturing [322]											
					Total, Wood product manufacturing [321]	Sawmills and wood preservation [3211]	Veneer, plywood and engineered wood					Other wood product					Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]					Converted paper product manufacturing			
							Total, Veneer, plywood and engineered wood product manufacturing [3212]	Veneer and plywood mills [32121A]	Structural wood product manufacturing [321215]	Particle board, fibreboard and waferboard mills [32121B]	Total, Other wood product manufacturing [3219]	Millwork [32191]	Wood container and other wood product manufacturing [3219X]	Total, Pulp, paper and paperboard mills [3221]	Pulp mills [32211]	Paper mills [32212]		Paper (except newsprint) mills [322121]	Newsprint mills [322122]	Paperboard mills [32213]	Total, Converted paper product manufacturing [3222]	Paperboard container manufacturing [32221]	Paper bag and coated and treated paper manufacturing [32222]	Stationery and other converted paper product manufacturing [3222X]		
1981	603,241	101,376	..	..	5,487	..	..	..	..	..	..	..	..	9,093	6,477	..	..	..	..	..	2,740	..	..	..
1982	587,497	90,291	..	..	4,605	..	..	..	..	..	..	..	..	8,083	5,839	..	..	..	..	..	2,276	..	..	..
1983	603,247	95,073	..	..	5,688	..	..	..	..	..	..	..	..	9,038	6,524	..	..	..	..	..	2,556	..	..	..
1984	636,141	107,831	..	..	6,374	..	..	..	..	..	..	..	..	9,439	6,860	..	..	..	..	..	2,585	..	..	..
1985	668,377	113,247	..	..	7,230	..	..	..	..	..	..	..	..	9,384	6,829	..	..	..	..	..	2,550	..	..	..
1986	686,789	114,456	22,274	5,295	7,266	..	..	..	..	..	..	..	..	9,713	7,169	..	..	..	..	..	2,447	..	..	..
1987	713,786	119,672	24,713	6,348	8,334	..	..	..	..	..	..	..	..	10,031	7,433	..	..	..	..	..	2,481	..	..	..
1988	745,372	127,481	25,007	6,272	8,615	..	..	..	..	..	..	..	..	10,121	7,475	..	..	..	..	..	2,546	..	..	..
1989	763,135	129,565	24,351	6,082	8,408	..	..	..	..	..	..	..	..	9,861	7,176	..	..	..	..	..	2,646	..	..	..
1990	767,172	124,810	22,767	5,249	7,823	..	..	..	..	..	..	..	..	9,695	7,081	..	..	..	..	..	2,560	..	..	..
1991	756,191	116,015	20,647	4,521	6,931	..	..	..	..	..	..	..	..	9,195	6,638	..	..	..	..	..	2,552	..	..	..
1992	762,635	117,760	21,330	4,581	7,300	..	..	..	..	..	..	..	..	9,449	6,871	..	..	..	..	..	2,546	..	..	..
1993	781,300	124,212	22,717	4,916	7,659	..	..	..	..	..	..	..	..	10,143	7,373	..	..	..	..	..	2,733	..	..	..
1994	816,442	133,564	23,561	5,107	7,793	..	..	..	..	..	..	..	..	10,661	7,719	..	..	..	..	..	2,906	..	..	..
1995	837,825	140,265	23,560	5,272	7,733	..	..	..	..	..	..	..	..	10,554	7,362	..	..	..	..	..	3,140	..	..	..
1996	849,715	141,798	23,526	4,824	7,967	..	..	..	..	..	..	..	..	10,735	7,247	..	..	..	..	..	3,425	..	..	..
1997	885,439	151,049	25,203	5,088	9,275	5,576	1,686	618	200	865	1,859	1,127	749	10,840	7,550	1,550	5,059	1,877	3,180	1,006	3,236	1,906	652	772		
1998	920,346	158,595	25,395	5,159	9,695	5,864	1,759	595	220	949	1,899	1,177	738	10,541	7,176	1,563	4,718	1,807	2,919	945	3,378	1,840	740	865		
1999	971,941	171,479	27,196	5,349	10,319	5,977	2,042	703	216	1,128	2,206	1,425	791	11,529	8,091	1,846	5,188	1,852	3,321	1,135	3,355	1,714	803	879		
2000	1,025,570	190,628	29,110	5,665	11,445	6,568	2,203	801	230	1,171	2,591	1,685	917	12,000	8,616	1,905	5,679	2,150	3,534	1,062	3,222	1,641	770	849		
2001	1,041,432	181,283	27,836	5,684	10,869	6,016	2,204	792	263	1,148	2,645	1,757	894	11,283	7,728	1,760	5,004	1,890	3,118	1,010	3,550	1,738	1,007	829		
2002	1,068,768	182,736	29,838	5,893	12,080	6,673	2,498	880	354	1,264	2,909	1,990	919	11,865	8,114	1,798	5,390	2,014	3,376	926	3,751	1,720	1,115	916		
2003	1,091,481	181,217	29,790	5,764	12,136	6,555	2,603	813	398	1,392	2,978	2,002	976	11,890	8,037	1,705	5,470	2,577	2,893	862	3,853	1,784	1,134	935		
2004	1,127,345	184,773	30,905	6,204	12,671	6,786	2,717	817	418	1,482	3,168	2,154	1,014	12,030	8,252	1,884	5,524	2,735	2,789	844	3,778	1,746	1,096	936		
2005	1,161,421	187,655	30,608	6,178	12,857	6,717	2,848	874	411	1,563	3,292	2,236	1,056	11,573	7,898	1,804	5,290	2,639	2,651	804	3,675	1,640	1,056	979		
2006	1,195,470	186,784	28,790	5,924	12,274	6,510	2,707	796	405	1,506	3,057	1,957	1,100	10,592	7,314	1,672	4,873	2,430	2,443	769	3,278	1,450	922	906		
2007	1,225,487	184,895	26,481	5,303	10,999	5,726	2,318	654	417	1,247	2,955	1,863	1,092	10,179	6,978	1,583	4,644	2,365	2,279	751	3,201	1,403	854	944		
Compound Annual Growth Rate																										
1981-2007	2.76	2.34	..	..	2.71	..	..	..	..	..	..	..	..	0.43	0.29	..	..	..	..	..	0.60	..	..	..
1981-1989	2.98	3.11	..	..	5.48	..	..	..	..	..	..	..	..	1.02	1.29	..	..	..	..	..	-0.44	..	..	..
1989-2000	2.72	3.57	1.64	-0.64	2.84	..	..	..	..	..	..	..	..	1.80	1.68	..	..	..	..	..	1.80	..	..	..
2000-2007	2.58	-0.44	-1.34	-0.94	-0.57	-1.94	0.73	-2.85	8.88	0.91	1.90	1.44	2.53	-2.32	-2.97	-2.61	-2.83	1.37	-6.08	-4.83	-0.09	-2.21	1.49	1.53		
2000-2006	2.59	-0.34	-0.18	0.75	1.17	-0.15	3.49	-0.09	9.90	4.29	2.80	2.53	3.09	-2.06	-2.69	-2.15	-2.52	2.06	-5.97	-5.24	0.29	-2.04	3.04	1.10		
1997-2007	3.30	2.04	0.50	0.41	1.72	0.27	3.24	0.57	7.62	3.73	4.74	5.16	3.84	-0.63	-0.78	0.21	-0.85	2.34	-3.28	-2.88	-0.11	-3.02	2.73	2.04		
1989-2007	2.67	2.00	0.47	-0.76	1.50	..	..	..	..	..	..	..	..	0.18	-0.16	..	..	..	..	..	1.06	..	..	..
1986-2007	2.80	2.31	0.83	0.01	1.99	..	..	..	..	..	..	..	..	0.22	-0.13	..	..	..	..	..	1.29	..	..	..
1986-1989	11.12	13.20	9.33	14.87	15.72	..	..	..	..	..	..	..	..	1.52	0.09	..	..	..	..	..	8.12	..	..	..
Total Growth Rate																										
1986-2007	78.44	61.54	18.89	0.15	51.38	..	..	..	..	..	..	..	..	4.80	-2.67	..	..	..	..	..	30.79	..	..	..
1997-2007	38.40	22.41	5.07	4.22	18.59	2.68	37.50	5.84	108.41	44.19	58.96	65.33	45.73	-6.10	-7.57	2.12	-8.20	26.00	-28.33	-25.31	-1.07	-26.38	30.95	22.32		

Source: Calculated from Statistics Canada CANSIM Table 379-0027

Note:

1. Arithmetic mean over 12 months.

Table 1b: Nominal Gross Domestic Product (GDP) in the Forest Products Sector, Canada, Current Dollars, 1961-2004

	All industries, total economy	Manufacturing	Forest Products Sector					
			Total Forest Products Sector	Forestry and logging [1B]	Wood product manufacturing [321]	Paper manufacturing [322]		
						Total, Paper manufacturing	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
	v3860036	v3859654						
1961	38,301	8,591	1,829	500	390	939	775	164
1962	41,356	9,520	1,958	523	447	988	803	186
1963	44,513	10,312	2,084	544	509	1,031	837	194
1964	48,551	11,451	2,281	599	549	1,133	918	216
1965	53,318	12,655	2,378	633	578	1,167	935	233
1966	59,725	13,661	2,562	692	615	1,255	986	270
1967	64,106	14,231	2,561	682	654	1,225	931	294
1968	70,100	15,465	2,781	723	784	1,274	956	318
1969	77,147	17,058	3,148	828	846	1,474	1,112	362
1970	83,221	16,819	3,070	806	717	1,547	1,167	381
1971	90,792	18,464	3,222	841	854	1,527	1,111	416
1972	101,092	20,691	3,825	967	1,206	1,652	1,196	457
1973	118,843	24,206	5,089	1,308	1,714	2,067	1,557	510
1974	142,090	28,521	6,272	1,409	1,562	3,301	2,646	655
1975	163,439	30,175	5,620	1,339	1,462	2,819	2,178	640
1976	187,347	33,765	6,789	1,605	1,937	3,247	2,506	741
1977	207,193	37,115	7,722	1,847	2,465	3,410	2,686	724
1978	230,555	42,164	9,159	2,181	3,106	3,872	3,087	785
1979	264,550	49,356	11,161	2,727	3,523	4,911	4,043	868
1980	299,782	52,736	11,590	2,807	3,102	5,681	4,712	968
1981	338,521	59,149	10,724	2,366	2,642	5,716	4,681	1,035
1982	357,273	55,775	8,842	2,053	2,006	4,783	3,807	977
1983	388,967	63,018	10,697	2,644	3,079	4,974	3,798	1,176
1984	425,296	73,547	12,108	2,760	3,206	6,142	4,925	1,217
1985	458,468	79,594	12,540	2,647	3,676	6,217	4,909	1,308
1986	479,533	84,811	14,226	2,690	4,238	7,298	5,994	1,304
1987	520,897	92,733	17,558	3,453	5,075	9,030	7,609	1,421
1988	568,887	103,819	18,933	3,855	4,731	10,347	8,837	1,510
1989	607,671	106,946	18,640	3,936	4,848	9,856	8,148	1,708
1990	631,401	103,090	16,155	3,416	4,244	8,495	6,872	1,623
1991	636,082	96,557	13,242	3,017	3,674	6,551	4,838	1,713
1992	649,098	96,105	13,799	3,410	4,468	5,921	4,272	1,649
1993	672,837	103,374	17,107	4,313	6,473	6,321	4,593	1,728
1994	714,150	118,523	21,292	4,675	8,537	8,080	6,166	1,915
1995	750,665	133,846	27,461	5,514	7,476	14,471	12,284	2,187
1996	775,816	135,187	25,635	5,450	7,960	12,225	9,726	2,498
1997	816,756	142,274	25,599	5,564	9,198	10,837	8,294	2,543
1998	846,534	150,086	26,366	5,802	9,133	11,431	8,712	2,719
1999	909,694	170,317	28,947	5,588	11,977	11,382	8,448	2,934
2000	999,930	187,473	32,369	5,675	12,159	14,535	11,473	3,062
2001	1,032,172	179,951	30,080	5,226	11,300	13,554	9,921	3,633
2002	1,068,765	182,736	29,837	5,893	12,079	11,865	8,114	3,751
2003	1,128,796	180,653	27,734	5,429	11,599	10,706	6,918	3,788
2004	1,200,990	188,067	31,375	6,060	14,095	11,220	7,300	3,920

Source: Statistics Canada CANSIM Tabel 379-0023 for Manufacturing and the Forest Products Sector and CANSIM Table 379-0024 for "All industries."

Note: GDP at basic prices in current dollars

Table 1c: Nominal Gross Domestic Product (GDP) in the Forest Products Sector, Canada, as a share of all industries GDP, per cent, 1961-2004

	All industries, total economy	Forest Products Sector					Paper manufacturing [322]	
		Total Forest Products Sector	Forestry and logging [1B]	Wood product manufacturing [321]	Paper manufacturing [322]			
					Total, Paper manufacturing	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	
1961	100.0	4.8	1.3	1.0	2.5	2.0	0.4	
1962	100.0	4.7	1.3	1.1	2.4	1.9	0.4	
1963	100.0	4.7	1.2	1.1	2.3	1.9	0.4	
1964	100.0	4.7	1.2	1.1	2.3	1.9	0.4	
1965	100.0	4.5	1.2	1.1	2.2	1.8	0.4	
1966	100.0	4.3	1.2	1.0	2.1	1.7	0.5	
1967	100.0	4.0	1.1	1.0	1.9	1.5	0.5	
1968	100.0	4.0	1.0	1.1	1.8	1.4	0.5	
1969	100.0	4.1	1.1	1.1	1.9	1.4	0.5	
1970	100.0	3.7	1.0	0.9	1.9	1.4	0.5	
1971	100.0	3.5	0.9	0.9	1.7	1.2	0.5	
1972	100.0	3.8	1.0	1.2	1.6	1.2	0.5	
1973	100.0	4.3	1.1	1.4	1.7	1.3	0.4	
1974	100.0	4.4	1.0	1.1	2.3	1.9	0.5	
1975	100.0	3.4	0.8	0.9	1.7	1.3	0.4	
1976	100.0	3.6	0.9	1.0	1.7	1.3	0.4	
1977	100.0	3.7	0.9	1.2	1.6	1.3	0.3	
1978	100.0	4.0	0.9	1.3	1.7	1.3	0.3	
1979	100.0	4.2	1.0	1.3	1.9	1.5	0.3	
1980	100.0	3.9	0.9	1.0	1.9	1.6	0.3	
1981	100.0	3.2	0.7	0.8	1.7	1.4	0.3	
1982	100.0	2.5	0.6	0.6	1.3	1.1	0.3	
1983	100.0	2.8	0.7	0.8	1.3	1.0	0.3	
1984	100.0	2.8	0.6	0.8	1.4	1.2	0.3	
1985	100.0	2.7	0.6	0.8	1.4	1.1	0.3	
1986	100.0	3.0	0.6	0.9	1.5	1.2	0.3	
1987	100.0	3.4	0.7	1.0	1.7	1.5	0.3	
1988	100.0	3.3	0.7	0.8	1.8	1.6	0.3	
1989	100.0	3.1	0.6	0.8	1.6	1.3	0.3	
1990	100.0	2.6	0.5	0.7	1.3	1.1	0.3	
1991	100.0	2.1	0.5	0.6	1.0	0.8	0.3	
1992	100.0	2.1	0.5	0.7	0.9	0.7	0.3	
1993	100.0	2.5	0.6	1.0	0.9	0.7	0.3	
1994	100.0	3.0	0.7	1.2	1.1	0.9	0.3	
1995	100.0	3.7	0.7	1.0	1.9	1.6	0.3	
1996	100.0	3.3	0.7	1.0	1.6	1.3	0.3	
1997	100.0	3.1	0.7	1.1	1.3	1.0	0.3	
1998	100.0	3.1	0.7	1.1	1.4	1.0	0.3	
1999	100.0	3.2	0.6	1.3	1.3	0.9	0.3	
2000	100.0	3.2	0.6	1.2	1.5	1.1	0.3	
2001	100.0	2.9	0.5	1.1	1.3	1.0	0.4	
2002	100.0	2.8	0.6	1.1	1.1	0.8	0.4	
2003	100.0	2.5	0.5	1.0	0.9	0.6	0.3	
2004	100.0	2.6	0.5	1.2	0.9	0.6	0.3	
Total Growth Rate								
1961-2004	0.00	-45.29	-61.35	15.26	-61.89	-69.96	-23.77	

Source: Calculated from Table 1b

Note: GDP at basic prices in current dollars

Table 1d: Implicit Deflators for Gross Domestic Product (GDP) in the Forest Products Sector, Canada, Index 2002 = 100, 1981-2004

	Forest Products Sector						
	All industries, total economy	Total Forest Products Sector	Forestry and logging [1B]	Wood product manufacturing [321]	Paper manufacturing [322]		
					Total, Paper manufacturing	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1981	56.4	..	..	45.4	76.6	79.8	73.1
1982	55.0	..	..	38.1	68.1	72.0	60.7
1983	56.4	..	..	47.1	76.2	80.4	68.1
1984	59.5	..	..	52.8	79.6	84.5	68.9
1985	62.5	..	..	59.9	79.1	84.2	68.0
1986	64.3	74.7	89.9	60.2	81.9	88.4	65.2
1987	66.8	82.8	107.7	69.0	84.5	91.6	66.1
1988	69.7	83.8	106.4	71.3	85.3	92.1	67.9
1989	71.4	81.6	103.2	69.6	83.1	88.4	70.5
1990	71.8	76.3	89.1	64.8	81.7	87.3	68.2
1991	70.8	69.2	76.7	57.4	77.5	81.8	68.0
1992	71.4	71.5	77.7	60.4	79.6	84.7	67.9
1993	73.1	76.1	83.4	63.4	85.5	90.9	72.9
1994	76.4	79.0	86.7	64.5	89.9	95.1	77.5
1995	78.4	79.0	89.5	64.0	89.0	90.7	83.7
1996	79.5	78.8	81.9	66.0	90.5	89.3	91.3
1997	82.8	84.5	86.3	76.8	91.4	93.0	86.3
1998	86.1	85.1	87.5	80.3	88.8	88.4	90.1
1999	90.9	91.1	90.8	85.4	97.2	99.7	89.4
2000	96.0	97.6	96.1	94.8	101.1	106.2	85.9
2001	97.4	93.3	96.4	90.0	95.1	95.2	94.6
2002	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2003	102.1	99.8	97.8	100.5	100.2	99.1	102.7
2004	105.5	103.6	105.3	104.9	101.4	101.7	100.7

Compound Annual Growth Rate

1981-2004	2.76	..	..	3.71	1.22	1.06	1.41
1981-1989	2.98	..	..	5.48	1.02	1.29	-0.44
1989-2000	2.72	1.64	-0.64	2.84	1.80	1.68	1.80
2000-2004	2.39	1.51	2.30	2.58	0.06	-1.07	4.06

Source: Calculated from Tables 1a and 1b

Note: GDP in constant 2002 dollars divided by GDP at basic prices in current dollars in 2002

Table 1e: Real Gross Domestic Product in the Forest Products Sector, Canada, millions of constant 2002 dollars, index 2002 = 100, 1981-2007

	Forest Products Sector																							
	All industries	Total, Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]									Paper manufacturing [322]											
				Total, Wood product manufacturing [321]	Sawmills and wood preservation [3211]	Veneer, plywood and engineered wood				Other wood product			Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]						Converted paper product manufacturing				
						Total, Veneer, plywood and engineered wood product manufacturing [3212]	Veneer and plywood mills [32121A]	Structural wood product manufacturing [321215]	Particle board, fibreboard and waferboard mills [32121B]	Total, Other wood product manufacturing [3219]	Millwork [32191]	Wood container and other wood product manufacturing [3219X]		Total, Pulp, paper and paperboard mills [3221]	Pulp mills [32211]	Paper mills [32212]	Paper (except newsprint) mills [322121]	Newsprint mills [322122]	Paperboard mills [32213]	Total, Converted paper product manufacturing [3222]	Paperboard container manufacturing [32221]	Paper bag and coated and treated paper manufacturing [32222]	Stationery and other converted paper product manufacturing [3222X]	
1981	56.4	..	..	45.4	..	..	..	..	..	..	..	..	76.6	79.8	..	..	..	..	..	73.1	..	..	..
1982	55.0	..	..	38.1	..	..	..	..	..	..	..	..	68.1	72.0	..	..	..	..	..	60.7	..	..	..
1983	56.4	..	..	47.1	..	..	..	..	..	..	..	..	76.2	80.4	..	..	..	..	..	68.1	..	..	..
1984	59.5	..	..	52.8	..	..	..	..	..	..	..	..	79.6	84.5	..	..	..	..	..	68.9	..	..	..
1985	62.5	..	..	59.9	..	..	..	..	..	..	..	..	79.1	84.2	..	..	..	..	..	68.0	..	..	..
1986	64.3	74.6	89.9	60.1	..	..	..	..	..	..	..	..	81.9	88.4	..	..	..	..	..	65.2	..	..	..
1987	66.8	82.8	107.7	69.0	..	..	..	..	..	..	..	..	84.5	91.6	..	..	..	..	..	66.1	..	..	..
1988	69.7	83.8	106.4	71.3	..	..	..	..	..	..	..	..	85.3	92.1	..	..	..	..	..	67.9	..	..	..
1989	71.4	81.6	103.2	69.6	..	..	..	..	..	..	..	..	83.1	88.4	..	..	..	..	..	70.5	..	..	..
1990	71.8	76.3	89.1	64.8	..	..	..	..	..	..	..	..	81.7	87.3	..	..	..	..	..	68.2	..	..	..
1991	70.8	69.2	76.7	57.4	..	..	..	..	..	..	..	..	77.5	81.8	..	..	..	..	..	68.0	..	..	..
1992	71.4	71.5	77.7	60.4	..	..	..	..	..	..	..	..	79.6	84.7	..	..	..	..	..	67.9	..	..	..
1993	73.1	76.1	83.4	63.4	..	..	..	..	..	..	..	..	85.5	90.9	..	..	..	..	..	72.9	..	..	..
1994	76.4	79.0	86.7	64.5	..	..	..	..	..	..	..	..	89.9	95.1	..	..	..	..	..	77.5	..	..	..
1995	78.4	79.0	89.5	64.0	..	..	..	..	..	..	..	..	89.0	90.7	..	..	..	..	..	83.7	..	..	..
1996	79.5	78.8	81.9	66.0	..	..	..	..	..	..	..	..	90.5	89.3	..	..	..	..	..	91.3	..	..	..
1997	82.8	84.5	86.3	76.8	83.6	67.5	70.2	56.5	68.4	63.9	56.6	81.5	91.4	93.0	86.2	93.9	93.2	94.2	108.6	86.3	110.8	58.5	84.3	
1998	86.1	85.1	87.5	80.3	87.9	70.4	67.6	62.1	75.1	65.3	59.1	80.3	88.8	88.4	86.9	87.5	89.7	86.5	102.0	90.1	107.0	66.3	94.4	
1999	90.9	91.1	90.8	85.4	89.6	81.7	79.9	61.0	89.3	75.8	71.6	86.1	97.2	99.7	102.7	96.3	92.0	98.4	122.6	89.4	99.7	72.0	95.9	
2000	96.0	97.6	96.1	94.7	98.4	88.2	91.0	64.9	92.6	89.1	84.7	99.7	101.1	106.2	106.0	105.4	106.8	104.7	114.7	85.9	95.4	69.1	92.6	
2001	97.4	93.3	96.4	90.0	90.2	88.2	90.0	74.4	90.8	90.9	88.3	97.3	95.1	95.2	97.9	92.8	93.8	92.3	109.0	94.6	101.0	90.3	90.5	
2002	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2003	102.1	99.8	97.8	100.5	98.2	104.2	92.4	112.4	110.1	102.4	100.6	106.2	100.2	99.1	94.8	101.5	128.0	85.7	93.1	102.7	103.7	101.7	102.1	
2004	105.5	103.6	105.3	104.9	101.7	108.8	92.8	118.1	117.2	108.9	108.2	110.3	101.4	101.7	104.8	102.5	135.8	82.6	91.1	100.7	101.5	98.3	102.2	
2005	108.7	102.6	104.8	106.4	100.7	114.0	99.3	116.1	123.7	113.2	112.4	114.9	97.5	97.3	100.3	98.1	131.0	78.5	86.8	98.0	95.3	94.7	106.9	
2006	111.9	96.5	100.5	101.6	97.6	108.4	90.5	114.4	119.1	105.1	98.3	119.7	89.3	90.1	93.0	90.4	120.7	72.4	83.0	87.4	84.3	82.7	98.9	
2007	114.7	88.7	90.0	91.1	85.8	92.8	74.3	117.8	98.7	101.6	93.6	118.8	85.8	86.0	88.0	86.2	117.4	67.5	81.1	85.3	81.6	76.6	103.1	
Compound Annual Growth Rate																								
1981-2007	2.76	..	..	2.71	..	..	..	..	..	..	..	..	0.43	0.29	..	..	..	..	..	0.60	..	..	..
1981-1989	2.98	..	..	5.48	..	..	..	..	..	..	..	..	1.02	1.29	..	..	..	..	..	-0.44	..	..	..
1989-2000	2.72	1.64	-0.64	2.84	..	..	..	..	..	..	..	..	1.80	1.68	..	..	..	..	..	1.80	..	..	..
2000-2007	2.58	-1.34	-0.94	-0.57	-1.94	0.73	-2.85	8.88	0.91	1.90	1.44	2.53	-2.32	-2.97	-2.61	-2.83	1.37	-6.08	-4.83	-0.09	-2.21	1.49	1.53	
2000-2006	2.59	-0.18	0.75	1.17	-0.15	3.49	-0.09	9.90	4.29	2.80	2.53	3.09	-2.06	-2.69	-2.15	-2.52	2.06	-5.97	-5.24	0.29	-2.04	3.04	1.10	

Source: Calculated from Statistics Canada Table 1a

Note:

Arithmetic mean of 12 months; Seasonally adjusted at annual rates; 2002 constant prices;

Table 2a: Prices Indexes for Forest Products, Canada, 2002 = 100, Paasche Current Weighted, 2002-2007

	Customs Basis					Balance of Payments Basis				
	Imports	Exports				Imports	Exports			
	Total of All Merchandise	Sector 3 Forestry Products	Sub-sector 3.1 Lumber and sawmill products	Sub-sector 3.2 Wood pulp and other wood products	Sub-sector 3.3 Newsprint and other paper and paperboard	Total of All Merchandise	Sector 3 Forestry Products	Sub-sector 3.1 Lumber and sawmill products	Sub-sector 3.2 Wood pulp and other wood products	Sub-sector 3.3 Newsprint and other paper and paperboard
2002	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2003	93.1	94.0	93.4	102.1	90.7	93.1	92.7	93.7	91.6	91.9
2004	90.4	102.8	111.1	107.0	90.0	90.7	99.9	111.2	87.5	91.5
2005	89.3	96.7	100.5	99.7	90.2	89.8	94.8	100.7	84.1	92.0
2006	87.8	92.7	90.6	102.2	90.9	88.5	89.3	90.8	80.1	93.0
2007	85.0	89.1	82.3	111.0	85.6	85.9	83.8	82.5	81.2	87.6

Source: Statistics Canada CANSIM Table 228-0055

Table 2b: Prices and Volume Indexes for Forest Products International Trade, Canada, 2002 = 100, Laspeyres Fixed Weighted, 2002-2007

	Customs Basis										Balance of Payments Basis									
	Price Index					Volume Index					Price Index					Volume Index				
	Imports	Exports				Imports	Exports				Imports	Exports				Imports	Exports			
Total of All Merchandise	Sector 3 Forestry Products	Sub-sector 3.1 Lumber and sawmill products	Sub-sector 3.2 Wood pulp and other wood products	Sub-sector 3.3 Newsprint and other paper and paperboard	Total of All Merchandise	Sector 3 Forestry Products	Sub-sector 3.1 Lumber and sawmill products	Sub-sector 3.2 Wood pulp and other wood products	Sub-sector 3.3 Newsprint and other paper and paperboard	Total of All Merchandise	Sector 3 Forestry Products	Sub-sector 3.1 Lumber and sawmill products	Sub-sector 3.2 Wood pulp and other wood products	Sub-sector 3.3 Newsprint and other paper and paperboard	Total of All Merchandise	Sector 3 Forestry Products	Sub-sector 3.1 Lumber and sawmill products	Sub-sector 3.2 Wood pulp and other wood products	Sub-sector 3.3 Newsprint and other paper and paperboard	
2002	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2003	93.3	94.4	94.4	101.0	91.2	103.5	97.7	98.9	96.2	96.9	93.4	94.7	94.7	101.0	91.3	103.2	100.0	99.1	105.0	98.6
2004	91.7	103.1	111.3	105.9	91.5	112.8	101.4	104.3	96.2	100.3	92.2	100.5	111.5	88.1	91.8	112.3	105.9	103.9	119.7	101.7
2005	91.2	97.7	101.7	98.5	92.5	122.2	100.7	105.8	90.7	99.4	92.2	95.5	101.9	82.5	93.2	121.0	103.2	105.0	105.9	99.4
2006	91.3	94.6	93.0	101.1	93.2	129.4	95.2	100.6	90.9	90.7	92.8	91.5	93.3	80.3	94.7	128.0	100.2	100.2	117.1	91.6
2007	89.5	91.2	87.2	108.8	87.5	137.2	86.5	84.9	91.5	85.9	91.5	86.8	87.6	81.2	88.7	135.5	93.7	86.1	125.7	87.9

Source: Statistics Canada CANSIM Table 228-0055

Table 2c: Price Indexes for Wood Product Manufacturing Products, Canada, Index 1981 = 100, 1981-2007

Wood Product Manufacturing*	Lumber and Timber							Veneer and Plywood			Other Wood Fabricated Materials			
	Total, Lumber and Timber	Lumber and Ties	Other Lumber Products	Lumber, Hardwood, Maple	Lumber, Hardwood, Birch	Lumber, Softwood, Domestic	Lumber, Softwood, Export	Total, Veneer and Plywood	Veneer and Plywood, Hardwood	Veneer and Plywood, Softwood	Total, Other Wood Fabricated Materials	Sash, Door and Other Millwork Products	Wooden Box, Coffins and Other wood - End Products	
1981	100.0	100.0	100.0	100.0	..	..	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1982	97.6	97.1	96.8	103.2	..	..	98.6	96.6	91.8	96.9	89.6	103.9	105.3
1983	107.9	120.4	121.1	107.1	..	..	121.4	123.2	102.1	101.6	102.3	101.3	110.4
1984	104.6	111.9	111.9	111.1	..	..	116.1	111.1	97.2	106.1	93.1	104.9	115.4
1985	107.1	114.1	113.9	117.0	..	..	113.2	113.1	100.5	103.3	99.2	106.8	120.1
1986	118.1	126.0	126.2	120.7	..	..	123.5	127.3	117.0	108.7	120.7	111.3	125.6
1987	120.5	124.7	124.8	122.6	..	..	122.9	125.9	117.3	113.8	117.6	119.5	134.2
1988	121.6	124.8	124.7	124.7	..	..	126.9	127.1	115.1	114.4	113.5	125.0	138.0
1989	127.1	125.7	125.4	130.5	..	..	123.5	127.6	121.8	113.0	125.7	133.7	145.4
1990	125.2	123.6	122.6	140.0	..	..	119.0	125.2	117.0	115.5	115.9	135.1	150.1
1991	123.3	122.0	120.8	142.0	..	..	119.4	123.7	116.0	112.1	116.7	131.9	146.5
1992	133.4	141.4	141.4	139.6	..	..	130.3	149.2	126.1	114.7	131.8	132.7	144.8
1993	163.7	198.6	200.7	149.3	..	..	179.7	214.2	153.7	124.3	173.7	138.7	154.7
1994	182.9	226.4	228.5	177.1	..	..	210.2	242.3	170.1	145.0	185.8	152.3	166.4
1995	181.8	191.9	191.8	193.5	..	..	173.6	204.2	178.0	164.0	184.1	175.6	168.7
1996	187.6	225.4	226.3	204.7	..	..	207.7	241.7	178.5	164.0	185.0	158.9	168.6
1997	187.9	236.1	237.5	203.9	..	..	211.9	254.2	178.9	163.2	187.3	148.8	167.7
1998	181.9	210.0	210.5	208.8	..	..	190.7	222.3	175.7	168.5	177.7	160.2	171.0
1999	201.5	235.0	236.2	211.1	..	..	209.9	252.6	201.0	183.7	210.2	168.6	174.0
2000	185.9	199.6	199.7	214.0	..	..	173.1	211.8	188.9	192.8	182.3	169.2	178.0
2001	182.3	200.0	200.1	212.6	..	..	175.5	212.0	183.0	184.7	178.2	164.0	183.6
2002	183.9	199.1	199.2	214.4	..	..	175.5	210.6	191.1	178.8	196.8	161.4	184.2
2003	180.2	177.9	177.3	215.3	..	..	152.9	188.2	195.1	168.5	211.4	167.6	185.6
2004	200.5	208.0	208.1	220.2	..	..	188.4	223.4	214.7	162.1	250.1	179.0	190.7
2005	178.2	186.8	186.3	220.3	..	..	176.6	196.2	177.2	157.8	188.4	170.5	195.6
2006	168.8	172.7	171.7	227.9	..	..	155.7	182.9	169.8	152.9	179.3	163.9	198.5
2007	164.4	160.3	158.6	240.1	..	..	142.0	167.7	168.1	149.2	179.1	164.7	197.8
Compound Annual Growth Rate														
1981-2007	1.93	1.83	1.79	3.43	1.36	2.01	2.02	1.55	2.27	1.94	2.66	1.27
1981-1989	3.04	2.90	2.87	3.38	2.67	3.09	2.49	1.54	2.91	3.70	4.79	2.64
1989-2007	1.44	1.36	1.31	3.45	0.78	1.53	1.81	1.55	1.98	1.17	1.72	0.67
1989-2000	3.52	4.29	4.32	4.60	3.12	4.72	4.07	4.98	3.43	2.16	1.86	2.35
2000-2007	-1.74	-3.08	-3.23	1.66	-2.78	-3.28	-1.65	-3.60	-0.25	-0.38	1.52	-1.91

Source: Calculated by CSLS from Statistics Canada CANSIM Table 329-0042. Arithmetic mean of monthly data.

Note: *Calculated as the arithmetic mean of the three components: lumber and timber, veneer and plywood, and other wood fabricated products.

Table 2d: Prices Indexes for Paper Manufacturing Products, Canada, Index 1981 = 100, 1981-2007

Pulp and Paper Products													
Total, Pulp and Paper Products	Pulp				Newsprint and Other Paper Stock				Paper Products				
	Total, Pulp	Wood Pulp, Sulphate	Wood Pulp, Sulphite	Wood Pulp, Other	Total, Newsprint and Other Paper Stock	Newsprint and Other Paper for Printing	Paperboard and Building Board	Other Converted Paper Products	Total, Paper Products	Boxes, Bags and Other Paper Containers	Paper Consumer Products	Other Paper Products	
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1982	103.5	94.0	93.7	92.9	98.6	105.4	105.2	105.8	106.4	109.6	110.2	106.6	108.9
1983	100.1	81.8	81.1	79.9	92.3	102.7	100.2	110.0	106.4	114.1	115.0	110.1	112.0
1984	111.4	101.8	102.3	97.0	99.1	112.1	110.6	118.1	112.5	120.3	122.0	110.9	118.3
1985	112.9	88.1	87.6	86.0	97.8	120.0	120.5	122.2	114.9	125.1	127.1	116.0	123.1
1986	117.6	97.7	98.2	95.9	92.7	122.7	123.3	123.2	119.2	128.2	129.4	117.1	126.6
1987	128.5	120.6	122.7	120.0	98.0	128.9	129.1	128.8	127.5	135.3	137.9	124.4	133.8
1988	140.8	140.4	143.3	138.9	110.2	138.2	139.1	135.0	138.3	144.6	148.2	135.3	143.7
1989	145.3	156.0	158.7	153.8	129.3	135.5	133.8	136.2	143.5	150.6	153.2	147.4	151.1
1990	142.9	148.8	149.8	140.4	141.2	134.2	133.3	131.7	141.8	151.7	154.4	152.6	153.1
1991	129.1	107.5	104.5	104.7	134.8	130.8	131.2	126.2	135.3	148.7	150.8	154.6	150.5
1992	124.0	107.8	104.7	106.7	135.3	120.8	117.9	124.0	130.9	147.2	150.6	158.8	149.2
1993	120.3	92.3	87.9	92.9	135.9	122.3	120.5	122.2	128.4	147.3	149.2	160.0	150.3
1994	133.4	122.0	117.1	117.0	173.8	128.8	126.0	132.1	135.0	153.9	158.8	161.1	157.3
1995	185.9	199.5	191.5	185.5	287.8	179.9	179.7	175.2	173.3	181.0	186.6	177.3	192.1
1996	164.5	135.8	127.9	111.1	238.3	175.4	178.4	158.4	170.7	175.9	174.1	176.3	192.4
1997	155.5	130.9	123.3	105.8	230.6	159.9	161.2	148.3	163.3	174.3	171.5	174.2	191.9
1998	161.0	128.4	120.6	112.8	222.3	170.9	174.4	152.8	167.2	178.2	181.9	174.6	190.9
1999	158.2	130.5	122.6	110.6	229.8	160.4	159.4	155.8	167.8	184.7	194.3	173.7	194.9
2000	179.2	165.7	157.4	116.3	283.4	175.9	173.8	176.1	175.1	199.6	213.1	184.8	208.6
2001	178.8	139.7	131.1	120.2	247.5	187.5	189.6	175.4	176.9	206.1	217.3	199.4	213.9
2002	164.9	129.1	119.6	120.9	244.7	165.5	159.9	175.8	176.5	204.3	217.3	191.8	213.2
2003	159.9	131.1	121.1	108.7	265.6	154.4	145.7	174.2	170.9	203.2	219.7	184.9	211.0
2004	161.9	137.5	129.7	104.0	243.7	153.9	144.8	176.4	166.8	204.9	223.6	184.1	211.6
2005	161.0	128.6	120.9	102.1	230.0	155.9	146.7	179.7	163.6	208.0	229.0	186.4	212.6
2006	163.4	129.6	122.1	97.1	233.8	158.9	149.3	185.0	163.9	210.6	232.7	183.4	217.4
2007	161.8	137.8	129.5	98.2	256.1	149.3	136.1	185.5	164.0	213.4	236.3	183.1	221.1
Compound Annual Growth Rate													
1981-2007	1.87	1.24	1.00	-0.07	3.68	1.55	1.19	2.40	1.92	2.96	3.36	2.35	3.10
1981-1989	4.78	5.72	5.94	5.53	3.27	3.87	3.71	3.94	4.62	5.25	5.48	4.97	5.30
1989-2007	0.60	-0.69	-1.12	-2.46	3.87	0.54	0.09	1.73	0.75	1.96	2.44	1.21	2.14
1989-2000	1.92	0.55	-0.07	-2.51	7.39	2.40	2.40	2.36	1.83	2.59	3.04	2.08	2.97
2000-2007	-1.44	-2.60	-2.75	-2.39	-1.44	-2.31	-3.43	0.74	-0.93	0.96	1.49	-0.14	0.84

Source: Calculated by CSLS from Statistics Canada CANSIM Table 329-0042. Arithmetic mean of monthly data.

Table 2e: Industry Price Indexes, Wood Product Manufacturing, 1997 = 100, 1992-2007

	Total, Wood Product Manufacturing [321]	Sawmills and Wood Preservation [3211]	Veneer, Plywood and Engineered Wood Product Manufacturing [3212]				Other Wood Product Manufacturing [3219]					
			Total, Veneer, Plywood and Engineered Wood Product Manufacturing [3212]	Veneer and Plywood Mills [321211, 321212]	Structural Wood Product Manufacturing [321215]	Particle Board, Fibreboard, and Waferboard Mills [321216, 321217]	Total, Other Wood Product Manufacturing [3219]	Millwork [32191]	Wood Window and Door Manufacturing [321911]	Other Millwork [321919]	Wood Container and Pallet Manufacturing [32192]	All Other Wood Product Manufacturing [32199]
1992	70.8	64.9	84.9	70.0	79.4	99.9	82.0	81.5	84.8	79.0	76.8	85.3
1993	88.6	85.5	100.1	85.3	90.7	115.9	90.7	92.1	87.9	95.4	83.6	89.8
1994	99.9	97.0	114.4	94.8	103.1	135.1	97.5	99.9	95.7	103.2	90.4	93.9
1995	96.5	91.4	116.5	100.6	100.9	134.7	98.2	99.7	99.1	100.2	93.0	95.9
1996	100.1	98.7	108.0	99.7	101.3	117.3	97.7	98.9	99.8	98.2	89.8	97.7
1997	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1998	95.8	90.7	112.5	98.0	101.2	128.7	101.4	101.2	99.2	102.7	104.0	100.9
1999	105.1	100.0	128.5	111.5	103.0	150.3	103.3	102.9	97.8	106.8	105.3	103.6
2000	95.8	88.6	118.8	105.1	105.2	134.6	104.6	103.2	98.1	107.2	108.6	106.5
2001	94.3	88.2	108.7	101.8	105.5	115.8	106.8	105.2	98.8	110.2	112.2	108.9
2002	93.8	86.7	110.4	105.7	102.9	116.5	107.7	105.1	99.2	109.7	117.0	111.0
2003	90.0	79.0	120.2	107.5	104.8	135.6	107.6	104.4	99.8	108.0	116.8	112.7
2004	101.1	90.6	136.7	118.4	112.3	159.4	111.2	107.8	101.9	112.4	118.3	117.4
2005	92.4	82.4	116.2	98.5	119.1	131.8	112.2	108.4	104.3	111.6	117.5	120.7
2006	86.9	77.5	102.6	94.4	119.1	106.1	112.6	107.2	103.2	110.2	117.6	125.9
2007	84.0	75.1	95.1	93.9	116.1	91.2	111.8	104.5	99.7	108.3	116.3	130.3
Compound Annual Growth Rate												
1992-2007	1.15	0.97	0.76	1.99	2.57	-0.61	2.09	1.67	1.08	2.12	2.80	2.86
1992-2000	3.86	3.95	4.29	5.22	3.59	3.79	3.09	2.99	1.84	3.89	4.42	2.81
2000-2007	-1.87	-2.33	-3.12	-1.59	1.42	-5.40	0.96	0.18	0.23	0.14	0.99	2.92

Source: Calculated by CSLS from Statistics Canada CANSIM Table 329-0038. Arithmetic mean of monthly data.

Table 2f: Industry Price Indexes, Paper Manufacturing, 1997 = 100, 1992-2007

	Total, Pulp, Paper and Paperboard Mills [3221]						Converted Paper Product Manufacturing [3222]					
	Total, Paper Manufacturing [322]	Total, Pulp, Paper and Paperboard Mills [3221]	Pulp Mills [32211]	Paper Mills [32212]	Paper (Except Newsprint) Mills [322121]	Newsprint Mills [322122]	Paperboard Mills [32213]	Total, Converted Paper Product Manufacturing [3222]	Paperboard Container Manufacturing [32221]	Paper Bag and Coated and Treated Paper Manufacturing [32222]	Stationery Product Manufacturing [32223]	Other Converted Paper Product Manufacturing [32229]
1992	80.6	79.2	82.5	76.6	77.4	76.1	88.5	86.0	87.4	83.4	68.7	97.1
1993	78.0	76.0	71.1	76.9	76.6	77.0	85.2	85.6	87.1	82.6	70.5	95.3
1994	86.7	85.9	92.8	81.6	80.8	82.0	96.1	89.8	92.8	84.9	75.5	95.4
1995	120.8	125.2	150.4	112.9	110.5	114.3	137.7	104.5	108.4	97.1	106.3	99.8
1996	106.1	107.5	104.1	108.3	101.7	111.9	112.8	100.8	101.0	99.5	104.6	100.4
1997	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1998	103.8	103.9	98.3	106.0	101.1	108.7	105.7	103.3	105.3	101.4	99.7	99.3
1999	101.9	100.2	99.5	99.4	101.4	98.3	108.6	108.1	112.9	102.3	100.5	100.3
2000	115.4	114.9	125.9	108.8	110.6	107.7	126.8	117.1	124.7	107.4	106.4	105.9
2001	115.0	113.5	107.0	115.0	111.0	117.2	122.9	120.6	126.4	110.8	112.0	117.6
2002	105.6	101.7	98.4	100.7	107.8	96.8	120.1	120.3	126.2	110.7	112.9	116.5
2003	102.2	97.4	100.0	93.9	100.5	90.3	116.2	120.1	125.9	112.0	115.0	111.7
2004	103.6	98.8	104.8	93.7	98.0	91.3	118.6	121.6	128.3	111.7	114.9	112.4
2005	102.8	97.1	98.2	94.1	96.4	92.8	117.4	123.7	131.2	112.5	118.2	113.2
2006	104.2	98.4	99.1	95.2	97.9	93.7	121.1	125.7	133.7	113.5	124.6	112.1
2007	103.2	96.6	104.9	89.7	97.1	85.6	123.4	127.5	136.2	113.4	128.2	112.8
Compound Annual Growth Rate												
1992-2007	1.66	1.34	1.61	1.06	1.52	0.79	2.24	2.66	3.00	2.07	4.25	1.00
1992-2000	4.58	4.77	5.42	4.49	4.56	4.45	4.59	3.94	4.55	3.21	5.61	1.08
2000-2007	-1.59	-2.44	-2.57	-2.72	-1.84	-3.23	-0.38	1.22	1.27	0.79	2.70	0.91

Source: Calculated by CSLS from Statistics Canada CANSIM Table 329-0038. Arithmetic mean of monthly data.

Table 2g: Machinery and Equipment Price Index, by Industry of Purchase, Forest Products Sector, Index 1981 = 100, 1971-2007

Total Machinery and Equipment			Forestry and Logging			Wood Product Manufacturing			Paper Manufacturing			
Total Domestic and Imported	Domestic	Imported	Total Domestic and Imported	Domestic	Imported	Total Domestic and Imported	Domestic	Imported	Total Domestic and Imported	Domestic	Imported	
1981	77.0	70.2	84.2	74.0	72.9	79.4	74.3	68.2	79.6	74.4	66.0	80.5
1982	82.9	76.6	89.2	79.3	78.7	83.9	79.6	73.5	84.3	81.5	72.5	87.8
1983	85.5	79.6	91.4	81.9	82.5	85.7	82.6	77.0	86.8	84.7	75.2	91.3
1984	89.5	82.9	96.3	86.5	86.1	91.4	86.7	79.6	92.3	88.6	78.2	95.8
1985	94.1	86.6	101.8	90.9	89.6	96.8	92.1	84.0	98.8	93.2	81.3	101.7
1986	97.9	90.4	105.4	93.3	92.2	99.3	96.3	87.8	103.3	96.4	83.9	105.4
1987	97.6	92.7	102.5	94.0	93.2	98.1	96.4	90.9	101.0	95.8	86.6	102.6
1988	97.6	95.4	99.7	95.7	95.3	97.9	96.6	94.2	98.7	95.1	90.4	98.4
1989	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1990	101.8	103.0	100.6	103.1	103.6	101.0	102.6	104.0	101.4	102.7	104.4	101.4
1991	98.5	100.0	97.1	103.3	103.8	100.9	100.3	103.0	98.1	101.4	103.9	99.7
1992	102.0	101.9	102.2	106.7	106.9	105.9	104.7	105.3	104.2	106.5	106.9	106.2
1993	106.3	103.9	108.6	110.4	110.0	112.6	109.5	107.6	111.1	111.9	108.9	114.1
1994	111.5	106.8	116.1	115.1	114.1	120.3	115.8	111.5	119.3	118.7	112.6	123.1
1995	116.3	111.8	120.6	121.0	120.2	125.0	120.1	116.9	122.8	124.3	118.2	128.8
1996	119.1	114.7	123.4	124.2	123.5	127.8	124.9	122.1	127.2	127.3	121.6	131.5
1997	122.1	117.1	126.9	126.9	126.1	131.0	127.6	124.8	130.0	131.2	124.9	135.7
1998	126.7	117.4	133.7	134.7	130.5	140.6	137.8	127.8	141.4	138.7	127.4	146.1
1999	126.4	118.5	132.8	138.4	137.0	143.0	140.4	133.0	143.6	141.7	134.2	147.0
2000	127.5	120.3	133.6	140.5	140.6	144.6	141.9	135.5	145.0	144.0	136.9	149.1
2001	131.4	122.3	138.6	143.9	142.5	148.8	148.1	137.9	151.8	148.8	138.0	155.9
2002	133.1	123.6	140.4	147.6	143.9	153.6	151.7	139.2	155.8	151.1	138.6	159.1
2003	123.0	122.8	125.4	136.8	141.6	138.5	137.9	139.6	139.7	141.1	140.4	142.7
2004	118.1	122.7	118.0	132.9	143.4	131.8	131.8	141.7	132.2	137.3	143.5	135.2
2005	114.6	123.1	112.5	130.7	144.5	128.0	127.9	144.8	127.3	135.8	148.1	130.4
2006	110.6	122.1	106.8	127.3	141.8	124.2	124.4	146.0	123.0	133.5	150.8	125.4
2007	107.8	121.9	102.5	123.9	139.5	120.1	121.6	148.3	119.4	132.5	154.0	122.1

Compound Annual Growth Rate

1981-2007	1.30	2.15	0.76	2.00	2.53	1.60	1.91	3.03	1.57	2.24	3.31	1.62
1981-1989	3.33	4.52	2.17	3.84	4.03	2.92	3.78	4.90	2.89	3.76	5.33	2.76
1989-2000	2.24	1.69	2.67	3.14	3.15	3.41	3.23	2.80	3.44	3.37	2.90	3.70
1997-2007	-1.24	0.41	-2.11	-0.25	1.01	-0.86	-0.48	1.74	-0.85	0.10	2.11	-1.06
2000-2004	-1.90	0.50	-3.06	-1.39	0.48	-2.28	-1.84	1.12	-2.28	-1.18	1.18	-2.41
1997-2005	-0.79	0.62	-1.50	0.36	1.71	-0.29	0.03	1.87	-0.26	0.43	2.14	-0.51
2000-2007	-2.38	0.20	-3.72	-1.79	-0.11	-2.61	-2.18	1.30	-2.74	-1.18	1.70	-2.82

Source:

1997-2007 Calculated by CSLS from Statistics Canada CANSIM Table 327-0042. Arithmetic mean of quarterly data.

1971-1996 Calculated by CSLS from Statistics Canada Table 327-0016. Arithmetic mean of quarterly data. Growth rates from this series were used to extend the series from CANSIM Table 327-0042 back to 1971. These series should be viewed as indicative only.

Table 2h: Raw Materials Price Index, Wood, 1981 = 100, 1981-2007

	Total Wood	Logs and Bolts			Pulpwood		
		Total	Hardwood	Softwood	Total	Hardwood	Softwood
1981	100.0	100.0	x	100.0	100.0	100.0	100.0
1982	96.2	91.7	x	91.1	103.2	98.1	103.6
1983	100.1	96.7	x	96.0	105.5	98.1	106.1
1984	103.6	99.8	x	98.2	109.5	104.0	110.0
1985	104.2	99.3	x	97.2	111.8	107.1	112.2
1986	104.2	99.3	x	97.2	111.8	107.1	112.2
1987	122.0	125.2	x	124.5	114.8	112.4	115.1
1988	132.6	138.0	x	137.7	120.3	119.4	120.5
1989	133.8	136.4	x	136.0	127.5	125.2	127.8
1990	133.1	135.1	x	134.5	128.5	128.5	128.5
1991	135.3	136.1	x	135.6	132.9	133.2	132.9
1992	149.6	157.6	x	156.9	132.1	134.7	131.7
1993	203.2	231.5	x	230.7	136.5	133.9	136.9
1994	228.5	261.0	x	260.2	151.5	142.2	152.8
1995	249.7	275.6	x	274.5	189.8	172.6	192.2
1996	231.5	263.3	x	262.3	156.7	178.6	153.8
1997	228.6	262.3	x	261.3	152.3	162.5	151.0
1998	193.4	214.3	x	213.2	154.3	159.0	153.7
1999	200.9	225.6	x	224.5	150.0	161.2	148.6
2000	210.2	238.0	x	236.9	150.5	166.2	148.5
2001	194.4	215.1	x	213.8	155.7	187.0	151.6
2002	191.8	212.7	x	211.5	152.0	171.2	149.6
2003	187.8	205.7	x	204.4	157.7	178.5	155.0
2004	189.8	206.2	x	204.8	164.5	191.3	161.0
2005	171.7	182.0	x	180.4	163.8	204.5	158.5
2006	177.9	190.2	x	188.8	164.3	196.2	160.1
2007	193.4	209.4	x	208.0	169.9	189.1	167.4

Compound Annual Growth Rate

1981-2007	2.57	2.88	x	2.86	2.06	2.48	2.00
1981-1989	3.70	3.96	x	3.92	3.09	2.84	3.12
1989-2007	2.07	2.41	x	2.39	1.61	2.32	1.51
1989-2000	4.19	5.19	x	5.17	1.52	2.61	1.37
2000-2007	-1.18	-1.81	x	-1.84	1.75	1.86	1.73

Source: Calculated by CSLS from Statistics Canada CANSIM Table 330-0006. Arithmetic mean of quarterly data.

Note: "x" indicates that data could not be released for reasons of confidentiality

Table 3: Total Number of Jobs in the Forest Products Sector, Canada, Jobs, 1961-2007

	Forest Products Sector						
	All Industries, Total Economy	Total, Forest Products Industry	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]		
					Total, Paper Manufacturing	Pulp, Paper and Paperboard Mills [3221]	Converted Paper Product Manufacturing [3222]
1961	6,440,391	272,314	79,189	86,994	108,854	..	..
1973	9,173,074	337,157	80,348	119,074	140,403	..	..
1981	11,412,538	331,874	73,476	117,802	143,383	..	..
1982	11,053,263	291,799	63,305	100,090	131,354	..	..
1983	11,142,899	293,841	66,097	103,702	126,541	..	..
1984	11,416,598	296,779	67,016	104,475	127,836	..	..
1985	11,772,431	297,988	65,709	108,772	125,638	..	..
1986	12,132,264	306,156	64,616	113,378	130,266	..	..
1987	12,510,578	324,460	69,895	123,646	132,644	..	..
1988	12,946,571	326,182	69,923	124,967	132,956	..	..
1989	13,253,595	324,956	70,075	124,946	131,518	..	..
1990	13,335,992	307,139	65,838	116,533	126,480	..	..
1991	13,098,308	285,267	66,820	101,117	119,588	..	..
1992	13,005,950	279,369	63,092	104,440	113,457	..	..
1993	13,149,705	285,787	64,304	112,235	110,227	..	..
1994	13,389,045	297,266	66,491	120,223	111,143	..	..
1995	13,610,650	310,847	74,485	121,841	115,424	..	..
1996	13,733,090	308,569	69,188	126,522	113,245	..	..
1997	14,021,547	312,913	67,042	132,396	113,475	77,096	36,379
1998	14,336,001	297,394	62,869	128,202	106,323	69,578	36,745
1999	14,716,590	315,785	67,323	138,222	110,240	73,299	36,941
2000	15,050,570	314,156	63,801	141,901	108,454	70,131	38,323
2001	15,204,925	304,196	61,291	135,718	107,187	66,474	40,713
2002	15,586,394	304,790	63,556	134,983	106,251	65,358	40,893
2003	15,915,993	302,088	61,258	131,594	109,236	66,889	42,347
2004	16,189,229	303,294	62,368	130,968	109,958	67,490	42,468
2005	16,454,663	306,097	62,280	129,627	114,190	70,849	43,341
2006	16,755,045	294,197	56,770	126,747	110,680	67,823	42,858
2007	17,110,446	280,277	51,795	122,874	105,608	64,959	40,648

Compound Annual Growth Rate

1961-2007	2.15	0.06	-0.92	0.75	-0.07	..	..
1961-2006	2.15	0.17	-0.74	0.84	0.04	..	..
1961-1973	2.99	1.80	0.12	2.65	2.14	..	..
1973-1981	2.77	-0.20	-1.11	-0.13	0.26	..	..
1981-1989	1.89	-0.26	-0.59	0.74	-1.07	..	..
1989-2000	1.16	-0.31	-0.85	1.16	-1.74	..	..
1997-2006	2.00	-0.68	-1.83	-0.48	-0.28	-1.41	1.84
1997-2000	2.39	0.13	-1.64	2.34	-1.50	-3.11	1.75
2000-2006	1.80	-1.09	-1.93	-1.86	0.34	-0.56	1.88
2000-2007	1.85	-1.62	-2.93	-2.04	-0.38	-1.09	0.84

Source: Statistics Canada Canadian Productivity Accounts CANSIM Table 383-0010/09 for 1997-2006. Series for the forest products sector were extended to 1961 using the growth rates from the corresponding series from the Canadian Productivity Accounts Industry KLEMS Database CANSIM Table 383-0022 for the years prior to 1997. The series for "All Industries, Total Economy" was extended using growth rates from the corresponding series from the terminated CANSIM Table 383-0003.

Table 3a: Total Number of Jobs in the Forest Products Sector as a Share of Total Jobs in All Industries, Canada, per cent, 1997-2006

	All industries, total economy	Forest Products Sector					
		Total, Forest Products Industry	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]		
					Total, Paper Manufacturing	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	100.0	2.23	0.48	0.94	0.81	0.55	0.26
1998	100.0	2.07	0.44	0.89	0.74	0.49	0.26
1999	100.0	2.15	0.46	0.94	0.75	0.50	0.25
2000	100.0	2.09	0.42	0.94	0.72	0.47	0.25
2001	100.0	2.00	0.40	0.89	0.70	0.44	0.27
2002	100.0	1.96	0.41	0.87	0.68	0.42	0.26
2003	100.0	1.90	0.38	0.83	0.69	0.42	0.27
2004	100.0	1.87	0.39	0.81	0.68	0.42	0.26
2005	100.0	1.86	0.38	0.79	0.69	0.43	0.26
2006	100.0	1.76	0.34	0.76	0.66	0.40	0.26
2007	100.0	1.64	0.30	0.72	0.62	0.38	0.24

Source: Calculated from Appendix Table 3

Table 3b: Employment in Forest Products Sector, Canada Thousands, 1987-2007

	All industries, total economy	Forest Products Sector											1153-Support Activities for Forestry ³
		Total, Forest Products Industry	113-Forestry and Logging			321-Wood Product Manufacturing				322-Paper Manufacturing			
			Total, Forestry and Logging	Logging	Other Forestry	Total, Wood Product Manufacturing	3211-Sawmills & Wood Preservation	3212-Veneer, Plywood & Engineered Wood Prod. Manuf.	3219-Other Wood Prod. Manuf.	Total, Paper Manufacturing	3221-Pulp, Paper & Paperboard Mills	3222-Converted Paper Prod. Manuf.	
1987	12,333	297	53	51	2	120	68	13	39	123	88	35	15
1988	12,710	317	59	56	3	126	66	17	44	132	99	33	14
1989	12,996	329	56	54	2	128	67	17	44	145	106	38	18
1990	13,086	316	53	52	1	123	63	18	42	140	105	35	20
1991	12,857	288	51	50	1	109	59	14	35	128	97	31	20
1992	12,731	277	51	50	2	109	60	16	34	116	89	27	20
1993	12,793	291	53	52	1	117	67	15	35	121	92	29	19
1994	13,059	314	63	62	1	127	69	19	39	124	96	29	21
1995	13,295	325	72	70	2	132	70	17	44	121	95	26	21
1996	13,421	319	64	63	1	137	72	20	45	118	92	26	20
1997	13,706	314	58	57	1	140	74	19	47	116	88	28	24
1998	14,046	331	61	60	1	148	78	19	52	122	88	34	24
1999	14,407	331	59	58	1	154	80	20	54	117	80	38	21
2000	14,764	338	57	56	1	165	83	23	59	116	77	39	29
2001	14,946	321	51	51	0	162	79	24	58	109	74	35	22
2002	15,310	334	53	52	0	175	83	25	67	106	76	31	21
2003	15,672	349	56	55	1	185	84	30	72	108	77	32	21
2004	15,947	342	52	51	1	186	85	29	72	104	69	35	20
2005	16,170	317	46	46	1	169	77	29	63	101	64	37	23
2006	16,484	302	42	41	1	167	67	25	74	94	62	32	22
2007	16,866	273	40	39	1	146	63	24	59	87	53	34	21

Compound Annual Growth Rate

1987-2007	1.58	-0.42	-1.46	-1.37	-4.87	0.98	-0.36	3.06	2.07	-1.72	-2.48	-0.22	1.58
1989-2000	1.17	0.25	0.16	0.35	-8.23	2.32	1.88	3.07	2.67	-2.00	-2.91	0.19	4.67
2000-2007	1.92	-3.00	-5.06	-5.13	0.00	-1.72	-3.73	0.60	-0.10	-3.98	-5.10	-1.95	-4.82
2000-2006	1.85	-1.86	-5.18	-5.21	-2.54	0.12	-3.38	1.38	3.74	-3.39	-3.47	-3.21	-5.08

Source: Centre for the Study of Living Standards Productivity Database <http://www.csls.ca/data/ptabln.asp>. Based on Statistics Canada Labour Force Survey.

Notes:

1. Estimates from the Labour Force Survey at the four-digit NAICS level should be used with prudence.
2. Annual average employment
3. Not included in the forest products sector as defined in this report. Presented for information only.

Table 3c: Employment in the Forest Products Sector as a Share of Total Employment in All Industries, Canada, per cent, 1987-2007

	All industries, total economy	Forest Products Sector											1153-Support Activities for Forestry ²
		Total, Forest Products Industry	Forestry and Logging			321-Wood Product Manufacturing				322-Paper Manufacturing			
			Total, Forestry and Logging	Logging	Other Forestry	Total, Wood Product Manufacturing	3211-Sawmills & Wood Preservation	3212-Veneer, Plywood & Engineered Wood Prod. Manuf.	3219-Other Wood Prod. Manuf.	Total, Paper Manufacturing	3221-Pulp, Paper & Paperboard Mills	3222-Converted Paper Prod. Manuf.	
1987	100.00	2.41	0.43	0.42	0.02	0.98	0.55	0.11	0.32	1.00	0.71	0.29	0.12
1988	100.00	2.49	0.46	0.44	0.02	0.99	0.52	0.13	0.34	1.04	0.78	0.26	0.11
1989	100.00	2.53	0.43	0.42	0.01	0.99	0.52	0.13	0.34	1.11	0.82	0.29	0.14
1990	100.00	2.42	0.41	0.40	0.01	0.94	0.48	0.13	0.32	1.07	0.81	0.27	0.15
1991	100.00	2.24	0.40	0.39	0.01	0.84	0.46	0.11	0.27	1.00	0.76	0.24	0.15
1992	100.00	2.18	0.40	0.39	0.01	0.86	0.47	0.13	0.26	0.91	0.70	0.21	0.16
1993	100.00	2.28	0.41	0.40	0.01	0.91	0.52	0.12	0.28	0.95	0.72	0.23	0.14
1994	100.00	2.40	0.48	0.47	0.01	0.97	0.53	0.14	0.30	0.95	0.73	0.22	0.16
1995	100.00	2.44	0.54	0.52	0.01	0.99	0.53	0.13	0.33	0.91	0.72	0.20	0.16
1996	100.00	2.38	0.48	0.47	0.01	1.02	0.54	0.15	0.33	0.88	0.69	0.20	0.15
1997	100.00	2.29	0.42	0.42	0.01	1.02	0.54	0.14	0.34	0.85	0.64	0.20	0.17
1998	100.00	2.35	0.43	0.42	0.01	1.06	0.55	0.14	0.37	0.87	0.63	0.24	0.17
1999	100.00	2.30	0.41	0.40	0.01	1.07	0.56	0.14	0.38	0.81	0.55	0.26	0.14
2000	100.00	2.29	0.39	0.38	0.00	1.12	0.56	0.16	0.40	0.78	0.52	0.26	0.20
2001	100.00	2.15	0.34	0.34	0.00	1.08	0.53	0.16	0.39	0.73	0.49	0.23	0.15
2002	100.00	2.18	0.34	0.34	0.00	1.14	0.54	0.16	0.44	0.69	0.49	0.20	0.14
2003	100.00	2.23	0.36	0.35	0.00	1.18	0.54	0.19	0.46	0.69	0.49	0.20	0.13
2004	100.00	2.14	0.33	0.32	0.01	1.17	0.53	0.18	0.45	0.65	0.43	0.22	0.13
2005	100.00	1.96	0.29	0.28	0.00	1.05	0.48	0.18	0.39	0.63	0.40	0.23	0.14
2006	100.00	1.83	0.25	0.25	0.00	1.01	0.41	0.15	0.45	0.57	0.38	0.19	0.13
2007	100.00	1.62	0.24	0.23	0.00	0.87	0.38	0.14	0.35	0.52	0.32	0.20	0.12

Source: Centre for the Study of Living Standards Productivity Database <http://www.csls.ca/data/ptabln.asp>. Based on Statistics Canada Labour Force Survey.

Note: 1. Estimates from the Labour Force Survey at the four-digit NAICS level should be used with prudence.

2. Not included in the forest products sector as defined in this report. Presented for information only.

Table 3d: Employment by Type of Employee, Forestry and Logging, Canada, 1991-2007

	All Employees				Salaried Employees Paid a Fixed Salary				Employees Paid by the Hour				Other Employees			
	Forestry, Logging and Support	Forestry and Logging [113]	Logging [1133]	Support Activities for Forestry [1153]	Forestry, Logging and Support	Forestry and Logging [113]	Logging [1133]	Support Activities for Forestry [1153]	Forestry, Logging and Support	Forestry and Logging [113]	Logging [1133]	Support Activities for Forestry [1153]	Forestry, Logging and Support	Forestry and Logging [113]	Logging [1133]	Support Activities for Forestry [1153]
1991	79,300	52,344	49,550	26,956	20,818	14,226	12,348	6,593	37,292	26,781	26,235	10,510	21,190	11,337	10,967	9,853
1992	77,145	49,980	46,769	27,165	20,923	14,057	11,919	6,865	39,033	26,080	25,394	12,953	17,189	9,843	9,456	7,347
1993	81,248	52,811	49,612	28,437	21,755	14,449	12,302	7,306	38,029	27,673	27,081	10,356	21,464	10,689	10,229	10,775
1994	84,592	53,626	50,909	30,966	18,536	12,119	10,449	6,417	39,374	28,169	27,643	11,206	26,682	13,338	12,817	13,343
1995	88,972	56,257	53,553	32,715	18,049	11,994	10,396	6,055	42,725	30,519	29,898	12,206	28,198	13,744	13,259	14,454
1996	83,598	54,429	51,877	29,169	18,253	12,445	10,942	5,807	42,037	28,271	27,682	13,766	23,308	13,713	13,253	9,596
1997	86,509	56,319	53,907	30,190	18,017	12,152	10,851	5,865	44,789	30,012	29,368	14,778	23,703	14,155	13,688	9,547
1998	78,295	51,595	49,075	26,700	16,866	10,711	9,690	6,155	41,045	27,621	26,643	13,424	20,384	13,263	12,742	7,121
1999	77,910	48,687	45,945	29,223	14,633	8,562	7,606	6,072	39,512	25,530	24,519	13,982	23,765	14,595	13,820	9,169
2000	78,328	50,332	47,820	27,996	16,992	10,055	8,949	6,938	40,548	26,594	25,693	13,955	20,788	13,683	13,178	7,103
2001	75,829	48,682	46,756	27,147	20,051	10,004	9,542	10,047	42,995	28,320	27,138	14,675	12,783	10,358	10,076	2,425
2002	71,226	47,244	45,579	23,983	21,293	8,826	8,465	12,466	39,155	29,377	28,307	9,778	10,778	9,041	8,807	1,739
2003	71,338	46,329	44,831	25,009	21,408	8,364	8,054	13,044	35,471	25,485	24,605	9,985	14,459	12,480	12,172	1,980
2004	71,399	46,024	44,607	25,375	20,852	8,197	7,912	12,654	36,476	25,677	24,828	10,799	14,071	12,150	11,867	1,922
2005	68,970	43,759	42,284	25,212	17,155	6,624	6,384	10,531	39,203	26,366	25,399	12,837	12,612	10,769	10,501	1,844
2006	64,189	39,969	38,474	24,220	18,639	7,696	7,422	10,943	34,651	23,049	22,128	11,601	10,899	9,224	8,924	1,676
2007	58,409	37,341	35,952	21,068	14,710	7,067	6,866	7,644	34,168	22,746	21,834	11,422	9,531	7,528	7,252	2,002
Compound Annual Growth Rate, per cent																
1991-2007	-1.89	-2.09	-1.99	-1.53	-2.15	-4.28	-3.60	0.93	-0.55	-1.02	-1.14	0.52	-4.87	-2.53	-2.55	-9.48
1991-2000	-0.14	-0.43	-0.39	0.42	-2.23	-3.78	-3.51	0.57	0.93	-0.08	-0.23	3.20	-0.21	2.11	2.06	-3.57
2000-2007	-4.11	-4.18	-3.99	-3.98	-2.04	-4.91	-3.71	1.39	-2.42	-2.21	-2.30	-2.82	-10.54	-8.18	-8.18	-16.55
2000-2006	-3.26	-3.77	-3.56	-2.39	1.55	-4.36	-3.07	7.89	-2.59	-2.36	-2.46	-3.03	-10.20	-6.36	-6.29	-21.39
2000-2004	-2.29	-2.21	-1.72	-2.43	5.25	-4.98	-3.03	16.21	-2.61	-0.87	-0.85	-6.21	-9.30	-2.93	-2.59	-27.88

Source: Statistics Canada, Survey of Employment, Payroll, and Hours (SEPH) CANSIM Table 281-0024

Note: "Other employees" is calculated by subtracting "salaried employees" and "employees paid by the hour" from "all employees." "Other employees" includes employees whose basic remuneration is in the form of commissions, piece rates, mileage allowances, etc.

Table 3e: Employment by Type of Employee, Wood Product Manufacturing, Canada, 1991-2007

	All Employees				Salaried Employees Paid a Fixed Salary				Employees paid by the hour				Other Employees			
	Wood Product Manufacturing [321]	Sawmills and Wood Preservation [3211]	Veneer, Plywood and Engineered Wood Product Manufacturing [3212]	Other Wood Product Manufacturing [3219]	Wood Product Manufacturing [321]	Sawmills and Wood Preservation [3211]	Veneer, Plywood and Engineered Wood Product Manufacturing [3212]	Other Wood Product Manufacturing [3219]	Wood Product Manufacturing [321]	Sawmills and Wood Preservation [3211]	Veneer, Plywood and Engineered Wood Product Manufacturing [3212]	Other Wood Product Manufacturing [3219]	Wood Product Manufacturing [321]	Sawmills and Wood Preservation [3211]	Veneer, Plywood and Engineered Wood Product Manufacturing [3212]	Other Wood Product Manufacturing [3219]
1991	99,572	57,494	17,162	24,915	19,343	9,962	3,249	6,132	74,143	42,723	13,630	17,790	6,086	4,809	283	993
1992	93,450	51,304	16,722	25,423	16,931	8,267	2,973	5,691	73,097	41,090	13,450	18,557	3,422	1,947	299	1,175
1993	96,475	50,731	17,759	27,985	16,492	7,609	3,066	5,816	76,944	41,774	14,308	20,862	3,039	1,348	385	1,307
1994	109,790	57,633	20,008	32,149	19,634	9,032	3,837	6,765	85,161	46,385	15,500	23,277	4,995	2,216	671	2,107
1995	108,431	56,525	20,272	31,634	19,263	9,033	3,717	6,512	83,788	45,089	15,733	22,966	5,380	2,403	822	2,156
1996	116,544	63,510	20,252	32,782	22,586	12,227	3,704	6,655	88,656	48,914	15,720	24,022	5,302	2,369	828	2,105
1997	124,299	66,148	22,227	35,923	24,336	13,109	4,047	7,181	95,481	50,876	17,453	27,152	4,482	2,163	727	1,590
1998	127,559	66,821	22,458	38,279	19,033	9,891	3,403	5,740	101,624	53,743	17,848	30,034	6,902	3,187	1,207	2,505
1999	134,177	71,052	22,781	40,344	20,012	10,471	3,513	6,028	108,213	57,447	18,304	32,461	5,952	3,134	964	1,855
2000	141,872	74,145	24,700	43,026	18,792	9,712	3,377	5,703	109,356	57,640	18,272	33,444	13,724	6,793	3,051	3,879
2001	134,714	66,695	24,547	43,472	19,720	9,942	3,480	6,297	102,562	50,898	18,205	33,459	12,432	5,855	2,862	3,716
2002	132,261	62,512	25,219	44,531	18,166	8,350	3,358	6,458	108,621	51,583	20,771	36,267	5,474	2,579	1,090	1,806
2003	131,686	58,657	25,846	47,183	19,331	8,299	3,581	7,451	104,780	46,791	20,714	37,274	7,575	3,567	1,551	2,458
2004	135,261	59,723	27,606	47,931	24,347	10,068	4,455	9,824	107,300	47,911	22,342	37,047	3,614	1,744	809	1,060
2005	133,447	57,868	27,188	48,391	26,426	10,617	5,012	10,797	105,186	46,345	21,753	37,089	1,835	906	423	505
2006	128,385	54,454	26,250	47,681	26,433	10,539	4,920	10,973	99,031	42,545	20,563	35,923	2,921	1,370	767	785
2007	121,163	49,577	24,147	47,439	16,332	6,274	2,874	7,183	103,040	42,513	20,673	39,854	1,791	790	600	402
Compound Annual Growth Rate, per cent																
1991-2007	1.23	-0.92	2.16	4.11	-1.05	-2.85	-0.76	0.99	2.08	-0.03	2.64	5.17	-7.36	-10.67	4.81	-5.49
1991-2000	4.01	2.87	4.13	6.26	-0.32	-0.28	0.43	-0.80	4.41	3.38	3.31	7.27	9.46	3.91	30.24	16.35
2000-2007	-2.23	-5.59	-0.32	1.40	-1.98	-6.05	-2.28	3.35	-0.85	-4.26	1.78	2.54	-25.24	-26.46	-20.73	-27.66
2000-2006	-1.65	-5.01	1.02	1.73	5.85	1.37	6.47	11.52	-1.64	-4.93	1.99	1.20	-22.73	-23.42	-20.56	-23.38
2000-2004	-1.19	-5.26	2.82	2.74	6.69	0.90	7.17	14.56	-0.47	-4.52	5.16	2.59	-28.36	-28.82	-28.24	-27.70

Source: Statistics Canada, Survey of Employment, Payroll, and Hours (SEPH) CANSIM Table 281-0024

Note: "Other employees" is calculated by subtracting "salaried employees" and "employees paid by the hour" from "all employees." "Other employees" includes employees whose basic remuneration is in the form of commissions, piece rates, mileage allowances, etc.

Table 3f: Employment by Type of Employee, Paper Manufacturing, Canada, 1991-2007

	All Employees			Salaried Employees Paid a Fixed Salary		Employees Paid by the Hour		Other Employees	
	Paper Manufacturing [322]	Pulp, Paper and Paperboard Mills [3221]	Converted Paper Product Manufacturing [3222]	Paper Manufacturing [322]	Pulp, Paper and Paperboard Mills [3221]	Paper Manufacturing [322]	Pulp, Paper and Paperboard Mills [3221]	Paper Manufacturing [322]	Pulp, Paper and Paperboard Mills [3221]
1991	121,628	83,727	37,901	30,617	19,837	89,832	63,571	1,179	319
1992	111,954	75,508	36,447	28,491	18,471	81,888	56,706	1,575	331
1993	107,415	72,526	34,889	27,762	17,869	78,467	54,400	1,186	257
1994	104,779	70,411	34,369	27,138	17,838	76,211	52,309	1,430	264
1995	104,450	70,272	34,178	26,866	17,331	76,619	52,710	965	231
1996	103,394	67,637	35,758	26,183	16,043	75,398	50,985	1,813	609
1997	104,098	66,966	37,131	25,743	15,905	75,727	50,093	2,628	968
1998	100,821	64,816	36,006	26,184	16,591	73,191	47,521	1,446	704
1999	103,110	68,165	34,944	23,999	15,700	76,169	50,745	2,942	1,720
2000	110,144	71,204	38,940	26,124	16,820	81,189	52,656	2,831	1,728
2001	103,835	63,072	40,763	28,731	18,144	72,311	42,985	2,793	1,943
2002	95,981	55,308	40,673	23,747	14,086	68,912	38,633	3,322	2,589
2003	96,994	55,848	41,146	20,695	12,192	74,362	42,398	1,937	1,258
2004	93,718	54,597	39,121	20,032	11,919	71,181	41,023	2,505	1,655
2005	87,689	49,503	38,186	24,395	14,067	62,344	34,821	950	615
2006	83,810	47,231	36,579	25,147	14,367	56,996	31,798	1,667	1,066
2007	79,380	44,008	35,371	23,964	13,326	54,104	29,882	1,312	800
Compound Annual Growth Rate, per cent									
1991-2007	-2.63	-3.94	-0.43	-1.52	-2.46	-3.12	-4.61	0.67	5.91
1991-2000	-1.10	-1.78	0.30	-1.75	-1.82	-1.12	-2.07	10.22	20.65
2000-2007	-4.57	-6.64	-1.36	-1.23	-3.27	-5.63	-7.77	-10.40	-10.42
2000-2006	-4.45	-6.61	-1.04	-0.63	-2.59	-5.73	-8.06	-8.45	-7.74
2000-2004	-3.96	-6.42	0.12	-6.42	-8.25	-3.24	-6.05	-3.01	-1.07

Source: Statistics Canada, Survey of Employment, Payroll, and Hours (SEPH) CANSIM Table 281-0024

Note: "Other employees" is calculated by subtracting "salaried employees" and "employees paid by the hour" from "all employees." "Other employees" includes employees whose basic remuneration is in the form of commissions, piece rates, mileage allowances, etc.

Table 3g: Employment by Type of Employee, Forest Products Sector, Canada, 1991-2007

	All Employees	Salaried Employees Paid a Fixed Salary	Employees Paid by the Hour	Other Employees
1991	300,500	70,778	201,267	28,455
1992	282,549	66,345	194,018	22,186
1993	285,138	66,009	193,440	25,689
1994	299,161	65,308	200,746	33,107
1995	301,853	64,178	203,132	34,543
1996	303,536	67,022	206,091	30,423
1997	314,906	68,096	215,997	30,813
1998	306,675	62,083	215,860	28,732
1999	315,197	58,644	223,894	32,659
2000	330,344	61,908	231,093	37,343
2001	314,378	68,502	217,868	28,008
2002	299,468	63,206	216,688	19,574
2003	300,018	61,434	214,613	23,971
2004	300,378	65,231	214,957	20,190
2005	290,106	67,976	206,733	15,397
2006	276,384	70,219	190,678	15,487
2007	258,952	55,006	191,312	12,634

Compound Annual Growth Rate, per cent

1991-2007	-0.93	-1.56	-0.32	-4.95
1991-2000	1.06	-1.48	1.55	3.07
2000-2007	-3.42	-1.67	-2.66	-14.34
2000-2006	-2.93	2.12	-3.15	-13.64
2000-2004	-2.35	1.32	-1.79	-14.25

Source: Calculated by CSLS from Statistics Canada Survey of Employment Payroll and Hours, see Appendix Tables 3d, 3e, and 3f.

Note: "Other employees" is calculated by subtracting "salaried employees" and "employees paid by the hour" from "all employees." "Other employees" includes employees whose basic remuneration is in the form of commissions, piece rates, mileage allowances, etc.

Table 4: Hours Worked for All Jobs, Canada, Forest Products Sector, Millions of Hours, 1961-2007

	All industries, total economy	Manufacturing	Forest Products Sector					
			Total, Forest Product Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]		
						Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1961	13,095	2,882	621	208	194	219	..	..
1973	17,138	3,799	731	189	265	277	..	..
1981	20,286	3,743	681	162	242	278	..	..
1982	19,463	3,372	590	140	202	248	..	..
1983	19,581	3,329	595	147	208	240	..	..
1984	20,086	3,417	597	150	205	241	..	..
1985	20,805	3,518	589	144	210	235	..	..
1986	21,421	3,653	609	144	220	245	..	..
1987	22,197	3,792	651	155	240	256	..	..
1988	23,093	4,007	646	151	241	254	..	..
1989	23,565	3,976	644	152	239	253	..	..
1990	23,537	3,752	595	137	216	243	..	..
1991	22,850	3,434	551	134	185	232	..	..
1992	22,586	3,306	546	127	196	223	..	..
1993	22,881	3,310	566	133	218	215	..	..
1994	23,525	3,405	599	139	239	220	..	..
1995	23,845	3,518	635	161	243	231	..	..
1996	24,188	3,604	614	141	251	222	..	..
1997	24,780	3,718	619	140	262	218	148	70
1998	25,327	3,728	590	133	252	205	134	71
1999	26,035	3,874	633	142	276	214	141	74
2000	26,606	4,021	626	135	280	210	136	74
2001	26,792	3,948	600	120	269	210	131	79
2002	27,189	3,916	597	122	268	207	127	80
2003	27,600	3,875	592	124	258	210	129	81
2004	28,379	3,904	599	123	259	217	133	84
2005	28,612	3,821	594	122	254	218	135	82
2006	29,126	3,787	581	115	251	215	132	83
2007	29,701	3,670	554	107	243	204	125	80

Compound Annual Growth Rate

1961-2007	1.80	0.53	-0.25	-1.43	0.49	-0.15	..	..
1961-2006	1.79	0.61	-0.15	-1.31	0.57	-0.04	..	..
1961-1981	2.21	1.32	0.46	-1.23	1.10	1.19	..	..
1961-1973	2.27	2.33	1.37	-0.77	2.62	1.97	..	..
1973-1981	2.13	-0.18	-0.88	-1.92	-1.15	0.03	..	..
1981-2007	1.48	-0.08	-0.79	-1.58	0.02	-1.17	..	..
1981-2006	1.46	0.05	-0.64	-1.37	0.15	-1.02	..	..
1981-1989	1.89	0.76	-0.70	-0.84	-0.11	-1.14	..	..
1989-2007	1.29	-0.44	-0.83	-1.90	0.08	-1.19	..	..
1989-2000	1.11	0.10	-0.27	-1.02	1.43	-1.68	..	..
2000-2006	1.81	0.21	-0.71	-2.17	-0.46	-0.15	-1.28	1.96
2000-2007	1.58	-1.30	-1.71	-3.28	-2.02	-0.40	-1.25	1.07
1986-2006	1.55	0.18	-0.23	-1.13	0.67	-0.65	..	..
2000-2004	1.63	-0.73	-1.10	-2.43	-1.97	0.84	-0.57	3.30

Source: Calculated by C.S.L.S. from Statistics Canada Canadian Productivity Accounts: CANSIM Table 383-0010/9 (all industries), CANSIM Table 383-0022 (forest products sector), and CANSIM Table 383-0003

Note:

Series for "All industries, total economy," were calculated by extending the series from table 383-0010. into the past (from 1996) using growth rate from the series from Table 383-0003

Series for "Forestry and Logging," "Wood product manufacturing," and "paper manufacturing" from CANSIM Table 383-0010 extended back (from 1997) using growth rates from the corresponding series in CANSIM Table 383-0022.

Series were extended from 2006 to 2007 using growth rates from the corresponding series from the Labour Force Survey contained in Appendix Table 4c.

Table 4a: Hours Worked for All Jobs, Canada, Forest Products Sector, Index 2002 = 100, 1961-2007

	All industries, total economy	Forest Products Sector					
		Total, Forest Product Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]		
					Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1961	100.0	100.0	100.0	100.0	100.0	..	..
1973	130.9	117.7	91.2	136.5	126.4	..	..
1981	154.9	109.7	78.1	124.4	126.6	..	..
1982	148.6	94.9	67.3	104.0	113.0	..	..
1983	149.5	95.8	70.7	107.4	109.3	..	..
1984	153.4	96.1	72.4	105.7	110.1	..	..
1985	158.9	94.8	69.3	107.9	107.3	..	..
1986	163.6	98.0	69.3	113.2	111.7	..	..
1987	169.5	104.8	74.4	123.5	117.0	..	..
1988	176.4	104.0	72.6	124.1	115.9	..	..
1989	180.0	103.7	73.0	123.3	115.5	..	..
1990	179.7	95.9	65.8	111.0	110.9	..	..
1991	174.5	88.8	64.6	95.5	105.7	..	..
1992	172.5	87.9	61.1	100.9	101.9	..	..
1993	174.7	91.1	64.1	112.0	98.2	..	..
1994	179.7	96.4	67.1	123.3	100.2	..	..
1995	182.1	102.2	77.6	125.0	105.2	..	..
1996	184.7	98.8	68.0	129.1	101.3	..	..
1997	189.2	99.7	67.3	134.8	99.4	..	..
1998	193.4	94.9	63.8	129.7	93.7	..	..
1999	198.8	101.9	68.6	142.2	97.7	..	..
2000	203.2	100.7	65.2	144.2	95.8	..	..
2001	204.6	96.5	57.8	138.7	95.8	..	..
2002	207.6	96.0	58.8	137.9	94.3	..	..
2003	210.8	95.3	59.7	133.0	95.8	..	..
2004	216.7	96.4	59.1	133.1	99.1	..	..
2005	218.5	95.6	58.6	131.0	99.3	..	..
2006	222.4	93.5	55.2	129.3	98.1	..	..
2007	226.8	89.2	51.6	125.0	93.2	..	..

Compound Annual Growth Rate

1981-2006	1.46	-0.64	-1.37	0.15	-1.02	..	..
1981-1989	1.89	-0.70	-0.84	-0.11	-1.14	..	..
1989-2000	1.11	-0.27	-1.02	1.43	-1.68	..	..
2000-2006	1.81	-0.71	-2.17	-0.46	-0.15	..	..

Source: Calculated from Appendix Table 4

Note: Series were extended from 2006 to 2007 using growth rates from the corresponding series from the Labour Force Survey contained in Appendix Table 4c.

Table 4b: Hours Worked for All Jobs, Canada, Forest Products Sector, As a Share of All Industries, Total Economy, per cent, 1961-2006

	All industries, total economy	Forest Products Sector					
		Total, Forest Product Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]		
					Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1961	100.0	4.7	1.6	1.5	1.7	..	..
1973	100.0	4.3	1.1	1.5	1.6	..	..
1981	100.0	3.4	0.8	1.2	1.4	..	..
1982	100.0	3.0	0.7	1.0	1.3	..	..
1983	100.0	3.0	0.8	1.1	1.2	..	..
1984	100.0	3.0	0.7	1.0	1.2	..	..
1985	100.0	2.8	0.7	1.0	1.1	..	..
1986	100.0	2.8	0.7	1.0	1.1	..	..
1987	100.0	2.9	0.7	1.1	1.2	..	..
1988	100.0	2.8	0.7	1.0	1.1	..	..
1989	100.0	2.7	0.6	1.0	1.1	..	..
1990	100.0	2.5	0.6	0.9	1.0	..	..
1991	100.0	2.4	0.6	0.8	1.0	..	..
1992	100.0	2.4	0.6	0.9	1.0	..	..
1993	100.0	2.5	0.6	1.0	0.9	..	..
1994	100.0	2.5	0.6	1.0	0.9	..	..
1995	100.0	2.7	0.7	1.0	1.0	..	..
1996	100.0	2.5	0.6	1.0	0.9	..	..
1997	100.0	2.5	0.6	1.1	0.9	0.6	0.3
1998	100.0	2.3	0.5	1.0	0.8	0.5	0.3
1999	100.0	2.4	0.5	1.1	0.8	0.5	0.3
2000	100.0	2.4	0.5	1.1	0.8	0.5	0.3
2001	100.0	2.2	0.4	1.0	0.8	0.5	0.3
2002	100.0	2.2	0.4	1.0	0.8	0.5	0.3
2003	100.0	2.1	0.4	0.9	0.8	0.5	0.3
2004	100.0	2.1	0.4	0.9	0.8	0.5	0.3
2005	100.0	2.1	0.4	0.9	0.8	0.5	0.3
2006	100.0	2.0	0.4	0.9	0.7	0.5	0.3
2007	100.0	1.9	0.4	0.8	0.7	0.4	0.3

Compound Annual Growth Rate

1981-2007	0.00	-2.23	-3.01	-1.44	-2.61	..	..
1981-1989	0.00	-2.54	-2.68	-1.97	-2.97	..	..
1989-2000	0.00	-1.36	-2.11	0.32	-2.76	..	..
2000-2007	0.00	-2.88	-4.36	-2.53	-2.42	-3.47	-0.47

Source: Calculated from Appendix Table 4

Table 4c: Hours Worked for All Jobs (LFS-based), Canada, Forest Products Sector, Millions of Hours, 1987-2007

	Forest Products Sector												1153- Support Activities for Forestry ²
	All industries, total economy	Total, Forest Products Sector	Forest and Logging			321-Wood Product Manufacturing				322-Paper Manufacturing			
			Total, Forestry and Logging	1133- Logging	Other Forestry	Total, Wood Product Manufact uring	3211- Sawmills & Wood Preservati on	3212- Veneer, Plywood & Engineere d Wood Prod. Manuf.	3219- Other Wood Prod. Manuf.	Total, Paper Manufact uring	3221- Pulp, Paper & Paperboa rd Mills	3222- Converte d Paper Prod. Manuf.	
1987	22,222	576	107	104	3	233	134	25	74	237	169	67	29
1988	23,287	622	120	115	5	251	130	32	89	252	188	64	28
1989	24,126	656	114	110	4	258	135	33	90	284	207	77	35
1990	23,935	619	108	105	3	243	123	34	86	268	201	66	39
1991	23,068	558	105	103	2	207	112	28	67	246	186	60	39
1992	22,478	535	104	100	4	210	114	31	65	221	169	52	38
1993	22,880	574	109	106	3	231	130	28	72	235	178	57	36
1994	23,660	624	132	130	3	249	134	36	79	243	185	57	43
1995	23,923	649	150	146	3	260	139	34	88	239	187	52	42
1996	24,319	634	129	126	3	271	142	40	88	234	183	51	40
1997	24,850	617	117	116	1	278	146	37	94	222	167	55	48
1998	25,236	643	124	122	2	289	149	37	103	230	164	66	47
1999	26,097	658	124	121	3	305	157	38	109	229	153	76	40
2000	26,927	672	117	116	2	329	163	48	118	226	149	77	58
2001	26,733	628	106	105	1	312	153	47	112	210	143	66	44
2002	27,190	651	106	105	1	339	160	48	131	205	146	59	41
2003	27,349	673	115	114	1	354	159	59	137	204	145	59	40
2004	28,109	672	109	106	2	361	164	57	140	203	135	68	40
2005	28,738	617	94	93	2	330	152	57	121	193	122	70	47
2006	29,079	594	86	85	1	328	131	49	147	180	120	60	43
2007	29,828	538	83	82	1	288	124	48	117	167	101	66	40
Compound Annual Growth Rate													
1987-2007	1.48	-0.34	-1.26	-1.18	-4.62	1.08	-0.38	3.32	2.31	-1.73	-2.53	-0.13	1.52
1989-2000	1.00	0.21	0.25	0.42	-7.49	2.24	1.71	3.54	2.51	-2.08	-2.96	-0.04	4.63
2000-2007	1.47	-3.12	-4.80	-4.83	-2.61	-1.87	-3.83	-0.06	-0.19	-4.22	-5.38	-2.18	-5.37
2000-2006	1.29	-2.04	-4.97	-4.96	-6.32	-0.08	-3.55	0.34	3.73	-3.69	-3.52	-4.03	-4.92
2000-2004	1.08	0.01	-1.89	-2.04	7.96	2.34	0.13	4.37	4.35	-2.66	-2.46	-3.05	-9.04

Source: Centre for the Study of Living Standards Productivity Database <http://www.csls.ca/data/ptabln.asp>. Based on Statistics Canada Labour Force Survey.

Note: 1. Estimates from the Labour Force Survey at the four-digit NAICS level should be used with prudence.

2. Not included in the forest products sector as defined in this report. Presented for information only.

Table 4d: Average Weekly Hours per Job, Canada, Forest Products Sector, 1961-2006

	All industries, total economy	Forest Products Sector					
		Total, Forest Product Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]		
					Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1961	39.1	43.9	50.5	42.9	38.7	..	..
1973	35.9	41.7	45.3	42.8	37.9	..	..
1981	34.2	39.5	42.5	39.4	37.2	..	..
1982	33.9	38.9	42.5	38.8	36.3	..	..
1983	33.8	38.9	42.7	38.7	36.4	..	..
1984	33.8	38.7	43.2	37.8	36.3	..	..
1985	34.0	38.0	42.1	37.1	36.0	..	..
1986	34.0	38.2	42.8	37.3	36.1	..	..
1987	34.1	38.6	42.5	37.3	37.2	..	..
1988	34.3	38.1	41.5	37.1	36.7	..	..
1989	34.2	38.1	41.6	36.8	37.0	..	..
1990	33.9	37.3	40.0	35.6	37.0	..	..
1991	33.5	37.2	38.6	35.3	37.3	..	..
1992	33.4	37.6	38.7	36.1	37.9	..	..
1993	33.5	38.1	39.8	37.3	37.6	..	..
1994	33.8	38.7	40.3	38.3	38.0	..	..
1995	33.7	39.3	41.6	38.3	38.4	..	..
1996	33.9	38.3	39.3	38.1	37.7	..	..
1997	34.0	38.1	40.1	38.0	36.9	37.0	36.8
1998	34.0	38.1	40.6	37.8	37.2	37.2	37.1
1999	34.0	38.5	40.7	38.4	37.4	36.9	38.4
2000	34.0	38.3	40.8	37.9	37.3	37.4	37.1
2001	33.9	37.9	37.7	38.2	37.7	37.9	37.3
2002	33.5	37.6	37.0	38.1	37.4	37.4	37.4
2003	33.3	37.7	39.0	37.7	37.0	37.0	36.8
2004	33.7	38.0	37.9	38.0	38.0	37.9	38.1
2005	33.4	37.3	37.6	37.7	36.7	36.7	36.6
2006	33.4	38.0	38.9	38.1	37.4	37.4	37.2
2007	33.4	38.0	39.8	38.0	37.2	36.9	37.7

Compound Annual Growth Rate

1961-2006	-0.35	-0.32	-0.58	-0.27	-0.08	..	..
1961-1981	-0.67	-0.53	-0.86	-0.42	-0.20	..	..
1961-1973	-0.70	-0.42	-0.89	-0.03	-0.17	..	..
1973-1981	-0.62	-0.69	-0.82	-1.02	-0.24	..	..
1981-2006	-0.09	-0.16	-0.35	-0.14	0.01	..	..
1981-1989	0.00	-0.44	-0.25	-0.85	-0.06	..	..
1989-2000	-0.05	0.04	-0.17	0.27	0.05	..	..
2000-2006	-0.18	-0.03	-0.34	0.02	0.13	0.14	0.12
1986-2006	-0.08	-0.03	-0.48	0.11	0.16	..	..

Source: Appendix Tables 3 and 4

Note: Total hours worked divided by total number of jobs divided by 52 weeks.

Table 4e: Average Weekly Hours for Employees Paid by the Hour, Forest Products Sector, Canada, 1991-2007

	Industrial Aggregate Excluding Unclassified	Forestry and Logging		Wood Product Manufacturing				Paper Manufacturing		Support Activities for Forestry [1153]
		Total, Forestry and Logging [113]	Logging [1133]	Total, Wood Product Manufacturing [321]	Sawmills and Wood Preservation [3211]	Veneer, Plywood and Engineered Wood Product Manufacturing [3212]	Other Wood Product Manufacturing [3219]	Total, Paper Manufacturing [322]	Pulp, Paper and Paperboard mills [3221]	
1991	31.0	38.4	38.5	37.2	37.1	37.7	37.0	39.8	40.1	31.8
1992	30.8	38.7	38.8	37.9	37.9	38.4	37.5	40.2	40.5	31.0
1993	30.9	39.4	39.5	38.1	38.4	38.5	37.2	40.2	40.6	34.2
1994	31.2	38.5	38.7	38.1	38.1	38.7	37.8	40.5	41.1	34.0
1995	30.9	40.1	40.2	37.7	38.1	37.8	36.9	40.5	41.1	34.8
1996	30.9	40.0	40.1	38.1	38.5	38.2	37.5	40.4	41.1	36.6
1997	31.5	40.5	40.6	38.4	38.3	38.7	38.4	40.6	41.2	37.8
1998	31.4	39.5	39.6	38.7	39.0	39.5	37.7	39.9	40.4	38.2
1999	31.6	39.9	40.1	39.3	39.6	39.8	38.5	39.9	40.2	39.2
2000	31.6	38.8	38.8	40.1	40.8	39.9	39.1	39.7	40.2	38.8
2001	31.5	38.3	38.4	39.6	40.4	38.6	38.8	39.1	39.3	39.5
2002	31.6	38.3	38.3	39.3	40.1	39.1	38.4	39.5	39.7	39.8
2003	31.8	37.5	37.6	37.9	38.1	37.2	37.9	38.9	39.4	38.7
2004	31.8	36.8	36.8	38.2	38.8	37.5	37.8	39.1	39.4	38.4
2005	31.5	36.4	36.4	38.6	39.6	37.7	37.7	38.4	38.5	39.8
2006	31.6	37.4	37.5	37.4	38.2	36.1	37.2	38.8	38.8	38.9
2007	31.2	38.1	38.2	38.5	39.0	37.0	38.8	39.8	40.0	39.8
Compound Annual Growth Rate, per cent										
1991-2007	0.04	-0.05	-0.05	0.21	0.31	-0.12	0.30	0.00	-0.02	1.41
1991-2000	0.21	0.12	0.09	0.84	1.06	0.63	0.62	-0.03	0.03	2.24
2000-2007	-0.18	-0.26	-0.22	-0.58	-0.64	-1.07	-0.11	0.04	-0.07	0.36
2000-2006	0.00	-0.61	-0.57	-1.16	-1.09	-1.65	-0.83	-0.38	-0.59	0.04
2000-2004	0.16	-1.31	-1.31	-1.21	-1.25	-1.54	-0.84	-0.38	-0.50	-0.26

Source: Statistics Canada, Survey of Employment, Payroll, and Hours (SEPH) CANSIM Table 281-0033

Table 4f: Standard Work Week for Salaried Employees (paid a fixed salary, excluding overtime), Forest Products Sector, Canada, 1991-2007

	Industrial Aggregate Excluding Unclassified	Forestry, Logging and Support				Wood Product Manufacturing				Paper Manufacturing	
		Total, Forestry, Logging and Support	Forestry and Logging [113]	Logging [1133]	Support Activities for Forestry [1153]	Total, Wood Product Manufacturing [321]	Sawmills and Wood Preservation [3211]	Veneer, Plywood and Engineered Wood Product Manufacturing [3212]	Other Wood Product Manufacturing [3219]	Total, Paper Manufacturing [322]	Pulp, Paper and Paperboard Mills [3221]
1991	36.7	39.8	39.3	39.6	40.8	39.5	39.6	39.4	39.4	37.5	37.6
1992	36.7	40.1	39.8	40.1	40.9	39.5	39.5	39.6	39.4	37.7	37.8
1993	36.7	40.2	39.5	39.8	41.6	39.4	39.5	39.4	39.1	37.7	37.8
1994	36.7	39.4	38.3	38.6	41.5	39.2	39.2	39.6	39.1	37.7	38.0
1995	36.5	40.3	39.6	40.1	41.6	38.9	39.2	39.2	38.3	37.8	38.2
1996	36.7	40.9	40.2	40.6	42.2	39.3	39.4	39.6	38.7	38.4	38.7
1997	36.7	41.0	40.4	40.8	42.2	39.0	39.3	39.3	38.3	38.6	38.6
1998	36.7	40.5	40.0	40.3	41.5	39.7	40.2	39.9	38.6	38.1	38.4
1999	36.7	39.4	38.5	38.6	40.6	40.7	41.0	40.9	40.0	38.9	39.2
2000	37.3	39.1	39.1	39.5	39.0	40.3	41.0	39.9	39.3	38.1	38.4
2001	37.8	38.5	38.2	38.2	38.9	38.9	38.9	39.0	38.8	38.9	39.2
2002	37.8	38.6	38.6	38.7	38.6	39.8	40.1	39.6	39.5	39.1	39.5
2003	37.8	39.6	37.8	37.8	40.8	39.2	38.9	38.9	39.6	38.9	39.5
2004	37.7	38.6	36.3	36.3	40.2	39.0	38.1	39.6	39.7	40.3	41.0
2005	37.7	40.0	37.1	37.0	41.9	41.2	42.1	42.5	39.8	39.4	40.2
2006	37.7	39.7	36.3	36.2	42.0	39.9	40.8	40.5	38.8	38.5	39.3
2007	37.5	39.1	36.4	36.4	41.5	40.6	41.4	41.0	39.8	39.2	40.0
Compound Annual Growth Rate, per cent											
1991-2007	0.13	-0.11	-0.48	-0.53	0.11	0.17	0.28	0.25	0.06	0.28	0.39
1991-2000	0.18	-0.20	-0.06	-0.03	-0.50	0.22	0.39	0.14	-0.03	0.18	0.23
2000-2007	0.08	0.00	-1.02	-1.16	0.89	0.11	0.14	0.39	0.18	0.41	0.58
2000-2006	0.18	0.25	-1.23	-1.44	1.24	-0.17	-0.08	0.25	-0.21	0.17	0.39
2000-2004	0.27	-0.32	-1.84	-2.09	0.76	-0.82	-1.82	-0.19	0.25	1.41	1.65

Source: Statistics Canada, Survey of Employment, Payroll, and Hours (SEPH) CANSIM Table 281-0038

Table 4g: Hours Worked, Forest Products Sector, Canada, SEPH, 1991-2007

	Salaried Employees			Employees Paid by the Hour			All Employees (less Other Employees)		
	Forestry and Logging	Wood Product Manufacturing	Paper Manufacturing	Forestry and Logging	Wood Product Manufacturing	Paper Manufacturing	Forestry and Logging	Wood Product Manufacturing	Paper Manufacturing
1991	29,072,254	39,730,522	59,703,150	53,476,301	143,422,219	185,916,307	82,548,554	183,152,741	245,619,457
1992	29,092,367	34,776,274	55,853,756	52,483,392	144,059,568	171,178,675	81,575,759	178,835,842	227,032,432
1993	29,678,246	33,788,810	54,424,625	56,696,442	152,441,453	164,027,417	86,374,688	186,230,262	218,452,042
1994	24,136,200	40,021,946	53,201,335	56,394,338	168,720,973	160,500,366	80,530,538	208,742,919	213,701,701
1995	24,698,045	38,965,196	52,807,810	63,638,219	164,257,995	161,359,614	88,336,264	203,223,192	214,167,424
1996	26,015,028	46,156,750	52,282,214	58,803,680	175,645,267	158,396,118	84,818,708	221,802,017	210,678,333
1997	25,528,922	49,353,408	51,671,350	63,205,272	190,656,461	159,874,842	88,734,194	240,009,869	211,546,192
1998	22,278,880	39,291,725	51,875,741	56,733,534	204,508,138	151,856,687	79,012,414	243,799,863	203,732,428
1999	17,141,124	42,353,397	48,545,177	52,969,644	221,144,087	158,035,441	70,110,768	263,497,484	206,580,618
2000	20,443,826	39,380,515	51,756,869	53,656,054	228,029,131	167,606,572	74,099,880	267,409,646	219,363,440
2001	19,871,946	39,889,616	58,117,067	56,402,112	211,195,670	147,022,725	76,274,058	251,085,286	205,139,792
2002	17,715,547	37,596,354	48,282,400	58,507,233	221,977,876	141,545,248	76,222,780	259,574,229	189,827,648
2003	16,440,278	39,404,310	41,861,846	49,695,750	206,500,424	150,419,454	66,136,028	245,904,734	192,281,300
2004	15,472,657	49,375,716	41,979,059	49,135,507	213,140,720	144,725,209	64,608,164	262,516,436	186,704,268
2005	12,779,021	56,615,062	49,980,476	49,905,565	211,129,339	124,488,499	62,684,586	267,744,402	174,468,975
2006	14,526,970	54,843,188	50,344,294	44,825,695	192,595,489	114,995,130	59,352,665	247,438,677	165,339,424
2007	13,376,418	34,480,118	48,848,218	45,064,375	206,286,080	111,973,638	58,440,793	240,766,198	160,821,856
							-1.54	-2.70	-2.73
Compound Annual Growth Rate, per cent									
1991-2007	-4.74	-0.88	-1.25	-1.06	2.30	-3.12	-2.14	1.72	-2.61
1991-2000	-3.84	-0.10	-1.57	0.04	5.29	-1.15	-1.19	4.29	-1.25
2000-2007	-5.88	-1.88	-0.82	-2.46	-1.42	-5.60	-3.33	-1.49	-4.34
2000-2006	-5.54	5.68	-0.46	-2.95	-2.78	-6.09	-3.63	-1.29	-4.60
2000-2004	-6.73	5.82	-5.10	-2.18	-1.67	-3.60	-3.37	-0.46	-3.95

Source: Calculated from Appendix Tables 3e, 3f, 3g, 4e, and 4f.

Table 5: Labour Productivity, Canada, Forest Products Sector, constant 2002 dollars, 1981-2007

	All industries, total economy	Manufacturin g	Forest Products Sector					Paper manufacturing [322]	
			Total, Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]			
						Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	
1981	29.74	27.09	..	..	22.71	32.75	..	..
1982	30.19	26.78	..	..	22.81	32.63	..	..
1983	30.81	28.56	..	..	27.28	37.71	..	..
1984	31.67	31.55	..	..	31.05	39.09	..	..
1985	32.13	32.19	..	..	34.50	39.89	..	..
1986	32.06	31.33	36.60	36.78	33.06	39.67	..	..
1987	32.16	31.56	37.97	41.06	34.76	39.12	..	..
1988	32.28	31.82	38.72	41.59	35.75	39.84	..	..
1989	32.38	32.59	37.79	40.12	35.13	38.92	..	..
1990	32.59	33.26	38.24	38.36	36.29	39.89	..	..
1991	33.09	33.78	37.44	33.69	37.39	39.66	..	..
1992	33.77	35.62	39.05	36.09	37.27	42.29	..	..
1993	34.15	37.53	40.14	36.91	35.20	47.12	..	..
1994	34.70	39.23	39.36	36.62	32.56	48.51	..	..
1995	35.14	39.87	37.12	32.68	31.86	45.76	..	..
1996	35.13	39.34	38.31	34.13	31.78	48.34	..	..
1997	35.73	40.63	40.70	36.40	35.45	49.76	50.94	46.45	
1998	36.34	42.54	43.06	38.91	38.50	51.31	53.37	47.60	
1999	37.33	44.27	42.98	37.54	37.38	53.81	57.56	45.54	
2000	38.55	47.41	46.54	41.83	40.88	57.10	63.24	43.59	
2001	38.87	45.91	46.43	47.28	40.35	53.73	58.99	44.93	
2002	39.31	46.66	50.01	48.25	45.12	57.38	63.79	47.14	
2003	39.55	46.76	50.30	46.44	47.00	56.63	62.38	47.49	
2004	39.72	47.32	51.63	50.54	49.01	55.36	61.98	44.89	
2005	40.59	49.12	51.54	50.73	50.54	53.17	58.44	44.55	
2006	41.05	49.32	49.58	51.61	48.91	49.27	55.40	39.51	
2007	41.26	50.38	47.77	49.44	45.32	49.81	55.95	40.19	

Compound Annual Growth Rate

1981-2007	1.27	2.42	..	..	2.69	1.63	..	..
1981-2006	1.30	2.43	..	..	3.12	1.65	..	..
1981-1989	1.07	2.34	..	..	5.60	2.18	..	..
1989-2007	1.35	2.45	1.31	1.17	1.43	1.38	..	..
1989-2000	1.60	3.47	1.91	0.38	1.39	3.55	..	..
2000-2006	1.05	0.66	1.06	3.56	3.03	-2.43	-2.18	-1.62
2000-2007	0.98	0.87	0.38	2.42	1.48	-1.93	-1.73	-1.15
1981-2004	1.27	2.46	..	..	3.40	2.31	..	..
1986-2007	1.21	2.29	1.28	1.42	1.51	1.09	..	..
1986-2006	1.24	2.29	1.53	1.71	1.98	1.09	..	..
1986-1989	0.33	1.32	1.08	2.94	2.04	-0.63	..	..
1986-2004	1.20	2.32	1.93	1.78	2.21	1.87	..	..
2000-2004	0.76	-0.04	2.63	4.84	4.64	-0.77	-0.50	0.74
1987-2004	1.25	2.41	1.82	1.23	2.04	2.06	..	..
1996-2007	1.47	2.27	2.03	3.43	3.28	0.27	..	..

Source: Table 1a and Table 4

Note: Real GDP per Hour Worked

Table 5a: Labour Productivity, Canada, Forest Products Sector, Constant 2002 Dollars, Index 2002 = 100, 1981-2007

	All industries, total economy	Manufacturing	Forest Products Sector					Paper manufacturing [322]	
			Total, Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	
									1981
1982	76.8	57.4	..	..	50.56	56.86	..	..
1983	78.4	61.2	..	..	60.47	65.72	..	..
1984	80.6	67.6	..	..	68.82	68.13	..	..
1985	81.7	69.0	..	..	76.47	69.51	..	..
1986	81.6	67.1	73.2	76.2	73.27	69.13	..	..
1987	81.8	67.6	75.9	85.1	77.04	68.17	..	..
1988	82.1	68.2	77.4	86.2	79.24	69.43	..	..
1989	82.4	69.8	75.6	83.1	77.85	67.83	..	..
1990	82.9	71.3	76.5	79.5	80.43	69.51	..	..
1991	84.2	72.4	74.9	69.8	82.87	69.11	..	..
1992	85.9	76.3	78.1	74.8	82.60	73.69	..	..
1993	86.9	80.4	80.3	76.5	78.02	82.12	..	..
1994	88.3	84.1	78.7	75.9	72.16	84.54	..	..
1995	89.4	85.4	74.2	67.7	70.60	79.74	..	..
1996	89.4	84.3	76.6	70.7	70.45	84.25	..	..
1997	90.9	87.1	81.4	75.4	78.56	86.71	79.86	98.54	
1998	92.4	91.2	86.1	80.6	85.33	89.42	83.66	100.97	
1999	95.0	94.9	85.9	77.8	82.84	93.78	90.23	96.60	
2000	98.1	101.6	93.1	86.7	90.61	99.51	99.13	92.46	
2001	98.9	98.4	92.8	98.0	89.44	93.63	92.48	95.31	
2002	100.0	100.0	100.0	100.0	100.00	100.00	100.00	100.00	
2003	100.6	100.2	100.6	96.3	104.16	98.69	97.79	100.75	
2004	101.1	101.4	103.2	104.7	108.63	96.48	97.16	95.22	
2005	103.3	105.3	103.1	105.1	112.01	92.66	91.61	94.50	
2006	104.4	105.7	99.1	107.0	108.39	85.86	86.85	83.81	
2007	105.0	108.0	95.5	102.5	100.45	86.80	87.70	85.27	

Compound Annual Growth Rate

1981-2007	1.27	2.42	..	..	2.69	1.63	..	..
1981-1989	1.07	2.34	..	..	5.60	2.18	..	..
1989-2000	1.60	3.47	1.91	0.38	1.39	3.55	..	..
2000-2007	0.98	0.87	0.38	2.42	1.48	-1.93	-1.73	-1.15

Source: Table 1a and Table 4

Note: Real GDP per Hour Worked

Table 5b: Labour Productivity, Canada, Forest Products Industry, Constant 2002 Dollars, As a Share of All Industries Total, per cent, 1981-2007

	All industries, total economy	Manufacturing	Forest Products Sector					
			Total, Forest Product Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]		
						Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1981	100.0	91.1	..	..	76.4	110.1	..	..
1982	100.0	88.7	..	..	75.6	108.1	..	..
1983	100.0	92.7	..	..	88.6	122.4	..	..
1984	100.0	99.6	..	..	98.1	123.4	..	..
1985	100.0	100.2	..	..	107.4	124.2	..	..
1986	100.0	97.7	114.2	114.7	103.1	123.7	..	..
1987	100.0	98.1	118.1	127.7	108.1	121.6	..	..
1988	100.0	98.6	120.0	128.9	110.8	123.4	..	..
1989	100.0	100.6	116.7	123.9	108.5	120.2	..	..
1990	100.0	102.1	117.3	117.7	111.3	122.4	..	..
1991	100.0	102.1	113.1	101.8	113.0	119.8	..	..
1992	100.0	105.5	115.6	106.9	110.4	125.2	..	..
1993	100.0	109.9	117.5	108.1	103.1	138.0	..	..
1994	100.0	113.0	113.4	105.5	93.8	139.8	..	..
1995	100.0	113.5	105.6	93.0	90.7	130.2	..	..
1996	100.0	112.0	109.1	97.2	90.5	137.6	..	..
1997	100.0	113.7	113.9	101.9	99.2	139.3	142.6	130.0
1998	100.0	117.1	118.5	107.1	106.0	141.2	146.9	131.0
1999	100.0	118.6	115.1	100.6	100.1	144.1	154.2	122.0
2000	100.0	123.0	120.7	108.5	106.1	148.1	164.1	113.1
2001	100.0	118.1	119.4	121.6	103.8	138.2	151.8	115.6
2002	100.0	118.7	127.2	122.7	114.8	146.0	162.3	119.9
2003	100.0	118.2	127.2	117.4	118.8	143.2	157.7	120.1
2004	100.0	119.1	130.0	127.2	123.4	139.4	156.0	113.0
2005	100.0	121.0	127.0	125.0	124.5	131.0	144.0	109.7
2006	100.0	120.2	120.8	125.7	119.2	120.0	135.0	96.3
2007	100.0	122.1	115.8	119.8	109.8	120.7	135.6	97.4

Compound Annual Growth Rate

1981-2007	0.00	1.13	..	..	1.41	0.35	..	..
1981-1989	0.00	1.25	..	..	4.48	1.10	..	..
1989-2000	0.00	1.84	0.31	-1.20	-0.20	1.92	..	..
2000-2007	0.00	-0.10	-0.60	1.43	0.50	-2.88	-2.69	-2.11

Source: Table 1a and Table 4

Notes:

1. Real GDP per Hour Worked
2. Hours Worked from Statistics Canada Canadian Productivity Accounts

Table 5c: Labour Productivity (LFS-based), Canada, Forest Products Sector, Constant 2002 Dollars, 1987-2006

	Forest Products Sector									
	All industries, total economy	Total, Forest Products Sector	Forest and Logging (113)	321-Wood Product Manufacturing			322-Paper Manufacturing			
				Total, Wood Product Manufacturin g	3211- Sawmills & Wood Preservation	3212- Veneer, Plywood & Engineer ed Wood Prod. Manuf	3219- Other Wood Prod. Manuf.	Total, Paper Manufact uring	3221- Pulp, Paper & Paperboa rd Mills	3222- Converte d Paper Prod. Manuf.
1987	32.12	42.89	59.33	35.83				42.40	43.93	36.81
1988	32.01	40.18	52.37	34.33				40.21	39.79	39.86
1989	31.63	37.10	53.36	32.59				34.68	34.59	34.41
1990	32.05	36.80	48.47	32.22				36.23	35.17	38.61
1991	32.78	37.00	43.01	33.46				37.41	35.76	42.41
1992	33.93	39.90	44.19	34.77				42.75	40.74	48.60
1993	34.15	39.56	45.21	33.20				43.20	41.36	48.33
1994	34.51	37.75	38.62	31.25				43.95	41.68	50.66
1995	35.02	36.30	35.24	29.70				44.16	39.34	60.51
1996	34.94	37.12	37.52	29.42				45.79	39.55	66.91
1997	35.63	40.84	43.41	33.38	38.06	45.03	19.80	48.83	45.19	58.87
1998	36.47	39.51	41.74	33.51	39.45	47.14	18.38	45.84	43.84	50.98
1999	37.24	41.36	43.28	33.88	37.97	53.14	20.28	50.26	52.74	44.17
2000	38.09	43.32	48.37	34.76	40.36	45.75	21.89	53.18	57.79	42.07
2001	38.96	44.36	53.75	34.84	39.35	46.99	23.57	53.78	53.91	53.43
2002	39.31	45.85	55.73	35.58	41.65	51.57	22.23	57.74	55.42	63.49
2003	39.91	44.25	49.95	34.25	41.29	44.22	21.79	58.41	55.56	65.40
2004	40.11	45.97	57.16	35.09	41.48	47.55	22.57	59.37	61.14	55.85
2005	40.41	49.59	65.48	38.91	44.06	49.68	27.29	60.11	64.50	52.45
2006	41.11	48.48	68.69	37.47	49.69	55.09	20.74	58.81	60.82	54.79
2007	41.08	49.18	63.87	38.13	46.26	48.33	25.31	60.98	68.91	48.76
Compound Annual Growth Rate										
1987-2007	1.24	0.69	0.37	0.31				1.83	2.28	1.42
1989-2000	1.70	1.42	-0.89	0.59				3.96	4.78	1.84
2000-2007	1.09	1.83	4.05	1.33	1.97	0.79	2.09	1.98	2.55	2.13
2000-2006	1.28	1.89	6.02	1.26	3.53	3.14	-0.90	1.69	0.85	4.50
2000-2007	1.09	1.83	4.05	1.33	1.97	0.79	2.09	1.98	2.55	2.13
1987-2004	1.31	0.41	-0.22	-0.12				2.00	1.96	2.48
1989-2006	1.55	1.59	1.50	0.82				3.16	3.38	2.77
2000-2004	1.30	1.50	4.27	0.24	0.69	0.97	0.77	2.79	1.42	7.34

Source: Table 1a and Table 4c

Notes:

1. Real GDP per Hour Worked
2. Hours Worked from Statistics Canada Labour Force Survey

Table 5d: Labour Productivity, Canada, Forest Products Sector, chained 2002 dollars, 1981-2006

	Forest Products Sector						
	All industries, total economy	Total, Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]		
					Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1981	..	..	..	..	..	..	..
1982	..	..	..	..	..	..	..
1983	..	..	..	..	..	..	..
1984	..	..	..	..	..	..	..
1985	..	..	..	..	..	..	..
1986	..	..	..	..	..	..	..
1987	..	..	..	..	..	..	..
1988	..	..	..	..	..	..	..
1989	..	..	..	..	..	..	..
1990	..	..	..	..	..	..	..
1991	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..
1996	..	..	..	..	..	..	..
1997	35.84	..	36.10	34.57	49.16	50.09	46.37
1998	36.49	..	38.42	37.93	50.78	52.71	47.32
1999	37.43	..	37.21	37.02	53.53	57.24	45.50
2000	38.57	..	41.58	40.49	56.59	62.67	43.62
2001	38.85	..	47.22	40.23	53.78	59.06	45.02
2002	39.31	..	48.25	45.12	57.38	63.79	47.14
2003	39.54	..	46.38	47.37	56.73	62.56	47.39
2004	39.71	..	50.36	49.68	55.38	62.18	44.76
2005	40.54	..	50.65	51.64	53.21	58.65	44.37
2006	40.99	..	51.37	50.06	49.23	55.64	39.31

Compound Annual Growth Rate

1981-2006	..	..	..	..	..	..	..
1981-1989	..	..	..	..	..	..	..
1989-2006	..	..	..	..	..	..	..
1989-2000	..	..	..	..	..	..	..
2000-2006	1.02	..	3.58	3.60	-2.30	-1.96	-1.72
1986-2006	..	..	..	..	..	..	..
1986-1989	..	..	..	..	..	..	..
1986-2004	..	..	..	..	..	..	..
2000-2004	0.73	..	4.90	5.25	-0.54	-0.19	0.65
1987-2004	..	..	..	..	..	..	..

Source: Appendix Tables 1, 1a, 5, 5d, and 4

Note: Real GDP per Hour Worked

Table 6: Labour Compensation, Canada, Forest Products Sector, Millions of Current Dollars, 1981-2006

	All industries, total economy	Manufacturing	Forest Products Sector					Paper Manufacturing [322]	
			Total, Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	
1961	23,689	5,943	1,160	328	321	511	..	..
1973	73,497	16,251	3,184	806	1,039	1,339	..	..
1981	203,588	40,398	7,651	1,853	2,363	3,435	..	..
1982	217,441	41,241	6,872	1,712	1,558	3,603	..	..
1983	228,656	43,566	8,233	1,888	2,555	3,790	..	..
1984	246,539	47,264	8,753	2,080	2,695	3,978	..	..
1985	266,431	50,706	9,152	2,019	2,896	4,237	..	..
1986	283,773	53,418	9,483	2,006	2,960	4,517	..	..
1987	308,593	56,771	10,376	2,242	3,414	4,720	..	..
1988	339,022	62,245	10,946	2,284	3,612	5,050	..	..
1989	365,495	65,783	11,351	2,391	3,703	5,257	..	..
1990	384,158	65,958	11,146	2,235	3,591	5,320	..	..
1991	394,713	64,864	10,947	2,222	3,307	5,419	..	..
1992	404,498	65,795	11,237	2,253	3,573	5,411	..	..
1993	413,249	67,156	11,868	2,457	3,953	5,457	..	..
1994	423,899	70,219	12,578	2,506	4,398	5,674	..	..
1995	437,843	74,196	13,743	3,074	4,618	6,051	..	..
1996	450,056	76,741	13,996	3,074	4,789	6,133	..	..
1997	476,899	80,860	14,437	3,074	5,248	6,115	4,583	1,532	
1998	501,104	84,896	14,045	2,891	5,244	5,910	4,202	1,708	
1999	529,700	90,084	15,283	3,155	5,865	6,264	4,461	1,802	
2000	573,593	96,581	16,066	3,221	6,435	6,411	4,442	1,968	
2001	598,035	97,479	15,968	3,222	6,259	6,486	4,351	2,135	
2002	621,838	99,884	16,403	3,363	6,475	6,565	4,373	2,192	
2003	650,308	102,787	16,761	3,320	6,565	6,876	4,606	2,270	
2004	685,294	106,593	17,554	3,441	7,013	7,100	4,775	2,324	
2005	725,294	109,346	..	3,433	..	..	..	..
2006	768,913	110,385	..	3,382	..	..	..	..
2007	815,822	110,929	..	..	..	..	..	..
Compound Annual Growth Rate									
1981-2006	5.46	4.10	..	..	..	..	..	..
1981-1989	7.59	6.28	..	..	5.78	5.46	..	..
1989-2000	4.18	3.55	3.21	2.75	5.15	1.82	..	..
2000-2006	5.45	3.52	..	1.07	..	..	..	..
2000-2007	5.16	2.00	..	..	..	..	..	..

Source: Calculated by CSLS from Statistics Canada Canadian Productivity Accounts: CANSIM Table 383-0010/9 and 383-0022. Forest Products Sector Series from Table 383-0010 were extended back (from 1996) using the growth rates from the corresponding series in Table 383-0022. All industries, total economy, series was extended back (from 1996) using the growth rates from the corresponding series in Table 383-0003.

Note: Total compensation for all jobs

Table 6a: Labour Share of GDP, Canada, Forest Products Sector, per cent, 1961-2004

	All industries, total economy	All industries, total economy	Forest Products Sector					
			Total, Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]		
						Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1961	61.8	69.2	63.4	65.7	82.3	54.5	..	..
1973	61.8	67.1	62.6	61.6	60.6	64.8	..	..
1981	60.1	68.3	71.3	78.3	89.4	60.1	..	..
1982	60.9	73.9	77.7	83.4	77.7	75.3	..	..
1983	58.8	69.1	77.0	71.4	83.0	76.2	..	..
1984	58.0	64.3	72.3	75.4	84.1	64.8	..	..
1985	58.1	63.7	73.0	76.3	78.8	68.1	..	..
1986	59.2	63.0	66.7	74.6	69.8	61.9	..	..
1987	59.2	61.2	59.1	64.9	67.3	52.3	..	..
1988	59.6	60.0	57.8	59.3	76.3	48.8	..	..
1989	60.1	61.5	60.9	60.7	76.4	53.3	..	..
1990	60.8	64.0	69.0	65.4	84.6	62.6	..	..
1991	62.1	67.2	82.7	73.6	90.0	82.7	..	..
1992	62.3	68.5	81.4	66.1	80.0	91.4	..	..
1993	61.4	65.0	69.4	57.0	61.1	86.3	..	..
1994	59.4	59.2	59.1	53.6	51.5	70.2	..	..
1995	58.3	55.4	50.0	55.7	61.8	41.8	..	..
1996	58.0	56.8	54.6	56.4	60.2	50.2	..	..
1997	58.4	56.8	56.4	55.2	57.1	56.4	55.3	60.3
1998	59.2	56.6	53.3	49.8	57.4	51.7	48.2	62.8
1999	58.2	52.9	52.8	56.5	49.0	55.0	52.8	61.4
2000	57.4	51.5	49.6	56.8	52.9	44.1	38.7	64.3
2001	57.9	54.2	53.1	61.7	55.4	47.9	43.9	58.8
2002	58.2	54.7	55.0	57.1	53.6	55.3	53.9	58.4
2003	57.6	56.9	60.4	61.2	56.6	64.2	66.6	59.9
2004	57.1	56.7	55.9	56.8	49.8	63.3	65.4	59.3
Compound Annual Growth Rate								
1981-2004	-0.23	-0.81	-1.05	-1.39	-2.52	0.22	..	..
1981-1989	0.00	-1.30	..	..	-1.95	-1.48	..	..
1989-2000	-0.43	-1.60	-1.84	-0.62	-3.28	-1.71	..	..
2000-2004	-0.13	2.42	3.04	0.02	-1.53	9.44	14.01	-2.00

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0010 and 383-0022. Forest Products Sector Series from Table 383-0010 were extended back (from 1996) using the growth rates from the corresponding series in Table 383-0022. All industries, total economy, series was extended back (from 1996) using the growth rates from the corresponding series in Table 383-0003.

Note: Total compensation for all jobs. Shares for 2005 and 2006 are assumed to equal 2004 share

Table 7: The Contribution of the Forest Products Sector to Aggregate Labour Productivity Growth, Canada, 1981-2004

Real Output (GDP)	Nominal Output (GDP)	Implicit Price Index for Output (GDP)	Hours Worked	Labour Productivity (GDP per Hour Worked)
(millions of constant 2002 dollars)	(millions of current dollars)	(Index 2002 = 100)	(millions)	(constant 2002 dollars)
Y	Q	$P = Q/Y * 100$	L	$X = Y/L$

All Industries, Total Economy

1981	603,241	338,521	56.1	20,286	29.74
1986	686,789	479,533	69.8	21,421	32.06
1989	763,135	607,671	79.6	23,565	32.38
2000	1,025,570	999,930	97.5	26,606	38.55
2004	1,127,345	1,200,990	106.5	28,379	39.72

Forest Products Sector

1986	22,274	14,226	63.9	609	36.60
1989	24,351	18,640	76.5	644	37.79
2000	29,110	32,369	111.2	626	46.54
2004	30,905	31,375	101.5	599	51.63

Forestry and Logging

1986	5,295	2,760	52.1	144	36.78
1989	6,082	3,936	64.7	152	40.12
2000	5,665	5,675	100.2	135	41.83
2004	6,204	6,060	97.7	115	54.05

Wood Product Manufacturing

1981	5,487	2,642	48.2	242	22.71
1986	7,266	4,238	58.3	220	33.06
1989	8,408	4,848	57.7	239	35.13
2000	11,445	12,159	106.2	280	40.88
2004	12,671	14,095	111.2	259	49.01

Paper Manufacturing

1981	9,093	5,716	62.9	278	32.75
1986	9,713	7,298	75.1	245	39.67
1989	9,861	9,856	99.9	253	38.92
2000	12,000	14,535	121.1	210	57.10
2004	12,030	11,220	93.3	217	55.36

Sources:

Y: Appendix Table 1a

Q: Appendix Table 1b

L: Appendix Table 4

Table 7a: Contribution of All Industries to Aggregate Labour Productivity Growth, Canada, 1986-2004

All Industries, Total Economy	Forest Products Sector											
	Selected Indicators						Absolute Contribution					
Labour Productivity (GDP per Hour Worked)	Labour Productivity (GDP per Hour Worked)	Relative (Real) Output Price	Labour Input Share	Relative Size	Relative Labour Productivity Level	Nominal Output Share	Pure Productivity Growth Effect	Relative Size Change Effect	Interaction Effect	Total Effect		
(constant 2002 dollars)	(constant 2002 dollars)	Index = All Industries = 1.000					Percentage Points					
$X=Y/L$	$X^i=Y^i/L^i$	$p^i = P^i/P$	$l^i = L^i/L*100$	$s^i = p^i l^i$	$x^i = X^i/X$	$w^i = Q^i/Q = x^i s^i$	$w_{t-1}^i * G(X_t^i)$	$x_{t-1}^i * (S_t^i - S_{t-1}^i)$	$x_{t-1}^i * (S_t^i - S_{t-1}^i) * G(X_t^i)$	Sum of three effects		
1981	29.74	29.74	1.000	1.000	1.000	1.000	1.000					
1986	32.06	32.06	1.000	1.000	1.000	1.000	1.000					
1989	32.38	32.38	1.000	1.000	1.000	1.000	1.000					
2000	38.55	38.55	1.000	1.000	1.000	1.000	1.000					
2004	39.72	39.72	1.000	1.000	1.000	1.000	1.000					
Total Change												
(per cent)			(absolute)	(per cent)				(percentage points)				
1986-2004	0.24	0.24	0.00	0.00	0.000	0.00	0.00	0.24	0.00	0.00	0.24	
1986-1989	0.01	0.01	0.00	0.00	0.000	0.00	0.00	0.01	0.00	0.00	0.01	
1989-2000	0.19	0.19	0.00	0.00	0.000	0.00	0.00	0.19	0.00	0.00	0.19	
2000-2004	0.03	0.03	0.00	0.00	0.000	0.00	0.00	0.03	0.00	0.00	0.03	
Relative Contribution to Total Change												
(per cent)												
1986-2004	100.00	0.00	0.00	100.00								
1986-1989	100.00	0.00	0.00	100.00								
1989-2000	100.00	0.00	0.00	100.00								
2000-2004	100.00	0.00	0.00	100.00								

Source: Appendix Table 7

Note:

$G(X_t^i) = (X_t - X_{t-1})/X_{t-1}$ where "t" is the final year of the period and "t-1" is the first year of the period.

Table 7b: Contribution of the Forest Products Sector to Aggregate Labour Productivity Growth, Canada, 1986-2004

All Industries, Total Economy	Forest Products Sector										
	Selected Indicators						Absolute Contribution				
Labour Productivity (GDP per Hour Worked)	Labour Productivity (GDP per Hour Worked)	Relative (Real) Output Price	Labour Input Share	Relative Size	Relative Labour Productivity Level	Nominal Output Share	Pure Productivity Growth Effect	Relative Size Change Effect	Interaction Effect	Total Effect	
(constant 2002 dollars)	(constant 2002 dollars)	Index = All Industries = 1.000					Percentage Points				
$X=Y/L$	$X^i=Y^i/L^i$	$p^i = P^i/P$	$l^i = L^i/L*100$	$s^i = p^i l^i$	$x^i = X^i/X$	$w^i = Q^i/Q = X^i s^i$	$w_{t-1}^i * G(X_t^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i) * G(X_t^i)$	Sum of three effects	
1986	32.06	36.60	0.915	0.028	0.026	1.14	0.030				
1989	32.38	37.79	0.961	0.027	0.026	1.17	0.031				
2000	38.55	46.54	1.140	0.024	0.027	1.21	0.032				
2004	39.72	51.63	0.953	0.021	0.020	1.30	0.026				
Total Change											
(per cent)			(absolute)	(per cent)			(percentage points)				
1986-2004	0.24	0.41	4.18	-25.76	-0.006	13.86	-11.94	0.01	-0.01	0.00	0.00
1986-1989	0.01	0.03	5.09	-3.76	0.000	2.23	3.40	0.00	0.00	0.00	0.00
1989-2000	0.19	0.23	18.64	-14.01	0.001	3.45	5.53	0.01	0.00	0.00	0.01
2000-2004	0.03	0.11	-16.44	-10.29	-0.007	7.66	-19.30	0.00	-0.01	0.00	0.00
Relative Contribution to Total Change											
(per cent)											
1986-2004	5.10	-2.81	-1.15	1.13							
1986-1989	9.60	3.36	0.00	12.96							
1989-2000	3.73	0.32	0.00	4.06							
2000-2004	11.59	-26.52	-0.08	-15.00							

Source: Appendix Table 7

Note:

$G(X_t^i) = (X_t - X_{t-1})/X_{t-1}$ where "t" is the final year of the period and "t-1" is the first year of the period.

Table 7c: Contribution of the Forestry and Logging to Labour Productivity Growth in the Forest Products Sector, Canada, 1986-2004

Forest Products Sector	Forestry and Logging										
	Selected Indicators						Absolute Contribution				
Labour Productivity (GDP per Hour Worked)	Labour Productivity (GDP per Hour Worked)	Relative (Real) Output Price	Labour Input Share	Relative Size	Relative Labour Productivity Level	Nominal Output Share	Pure Productivity Growth Effect	Relative Size Change Effect	Interaction Effect	Total Effect	
(constant 2002 dollars)	(constant 2002 dollars)	Index = All Industries = 1.000				Percentage Points					
$X=Y/L$	$X^i=Y^i/L^i$	$p^i = P^i/P$	$l^i = L^i/L*100$	$s^i = p^i l^i$	$x^i = X^i/X$	$w^i = Q^i/Q = x^i s^i$	$w_{t-1}^i * G(X_t^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i) * G(X_t^i)$	Sum of three effects	
1986	36.60	36.78	0.816	0.237	0.193	1.00	0.194				
1989	37.79	40.12	0.845	0.235	0.199	1.06	0.211				
2000	46.54	41.83	0.901	0.217	0.195	0.90	0.175				
2004	51.63	54.05	0.962	0.192	0.184	1.05	0.193				
Total Change											
(per cent)			(absolute)	(per cent)			(percentage points)				
1986-2004	0.41	0.47	17.89	-18.94	-0.009	4.18	-0.45	0.09	-0.01	0.00	0.08
1986-1989	0.03	0.09	3.59	-0.53	0.006	5.63	8.84	0.02	0.01	0.00	0.02
1989-2000	0.23	0.04	6.56	-7.99	-0.004	-15.32	-16.97	0.01	0.00	0.00	0.00
2000-2004	0.11	0.29	6.81	-11.44	-0.011	16.47	10.17	0.05	-0.01	0.00	0.04
Relative Contribution to Total Change											
(per cent)											
1986-2004								22.19	-2.10	-0.98	19.10
1986-1989								53.96	18.08	0.32	72.36
1989-2000								3.90	-1.78	-0.02	2.10
2000-2004								46.79	-8.66	-0.49	37.64

Source: Appendix Table 7

Note:

$G(X_t^i) = (X_t - X_{t-1})/X_{t-1}$ where "t" is the final year of the period and "t-1" is the first year of the period.

Table 7d: Contribution of the Wood Product Manufacturing to Labour Productivity Growth in the Forest Products Sector, Canada, 1986-2004

Forest Products Sector	Wood Product Manufacturing										
	Selected Indicators						Absolute Contribution				
Labour Productivity (GDP per Hour Worked)	Labour Productivity (GDP per Hour Worked)	Relative (Real) Output Price	Labour Input Share	Relative Size	Relative Labour Productivity Level	Nominal Output Share	Pure Productivity Growth Effect	Relative Size Change Effect	Interaction Effect	Total Effect	
(constant 2002 dollars)	(constant 2002 dollars)	Index = All Industries = 1.000				Percentage Points					
$X=Y/L$	$X^i=Y^i/L^i$	$p^i = P^i/P$	$l^i = L^i/L*100$	$s^i = p^i l^i$	$x^i = X^i/X$	$w^i = Q^i/Q = x^i s^i$	$w_{t-1}^i * G(X_t^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i) * G(X_t^i)$	Sum of three effects	
1986	36.60	33.06	0.913	0.361	0.330	0.90	0.298				
1989	37.79	35.13	0.753	0.371	0.280	0.93	0.260				
2000	46.54	40.88	0.955	0.448	0.428	0.88	0.376				
2004	51.63	49.01	1.096	0.432	0.473	0.95	0.449				
Total Change											
(per cent)			(absolute)	(per cent)			(percentage points)				
1986-2004	0.41	0.48	19.98	19.60	0.143	5.09	50.80	0.14	0.13	0.06	0.34
1986-1989	0.03	0.06	-17.52	2.88	-0.050	2.89	-12.70	0.02	-0.05	0.00	-0.03
1989-2000	0.23	0.16	26.84	20.47	0.148	-5.48	44.43	0.04	0.14	0.01	0.19
2000-2004	0.11	0.20	14.68	-3.49	0.046	8.06	19.59	0.07	0.04	0.00	0.12
Relative Contribution to Total Change											
(per cent)											
1986-2004								35.00	31.55	15.22	81.77
1986-1989								57.04	-138.34	-2.85	-84.15
1989-2000								18.42	59.36	2.72	80.50
2000-2004								68.25	36.63	3.12	108.00

Source: Appendix Table 7

Note:

$G(X_t^i) = (X_t - X_{t-1})/X_{t-1}$ where "t" is the final year of the period and "t-1" is the first year of the period.

Table 7e: Contribution of the Paper Manufacturing to Labour Productivity Growth in the Forest Products Sector, Canada, 1986-2004

Forest Products Sector	Paper Manufacturing									
	Selected Indicators						Absolute Contribution			
Labour Productivity (GDP per Hour Worked)	Labour Productivity (GDP per Hour Worked)	Relative (Real) Output Price	Labour Input Share	Relative Size	Relative Labour Productivity Level	Nominal Output Share	Pure Productivity Growth Effect	Relative Size Change Effect	Interaction Effect	Total Effect
(constant 2002 dollars)	(constant 2002 dollars)	Index = All Industries = 1.000					Percentage Points			
$X=Y/L$	$X^i=Y^i/L^i$	$p^i = P^i/P$	$l^i = L^i/L*100$	$s^i = p^i l^i$	$x^i = X^i/X$	$w^i = Q^i/Q = x^i s^i$	$w_{t-1}^i * G(X_t^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i) * G(X_t^i)$	Sum of three effects

1986	36.60	39.67	1.176	0.402	0.473	1.08	0.513			
1989	37.79	38.92	1.306	0.393	0.513	1.03	0.529			
2000	46.54	57.10	1.089	0.336	0.366	1.23	0.449			
2004	51.63	55.36	0.919	0.363	0.334	1.07	0.358			

	Total Change										
	(per cent)			(absolute)	(per cent)			(percentage points)			
1986-2004	0.41	0.40	-21.91	-9.77	-0.140	-1.07	-30.29	0.20	-0.15	-0.06	-0.01
1986-1989	0.03	-0.02	10.99	-2.27	0.040	-4.98	3.07	-0.01	0.04	0.00	0.03
1989-2000	0.23	0.47	-16.57	-14.56	-0.147	19.14	-15.08	0.25	-0.15	-0.04	0.06
2000-2004	0.11	-0.03	-15.66	8.06	-0.032	-12.61	-20.36	-0.01	-0.04	0.00	-0.05

	Compound Annual Growth Rate		Relative Contribution to Total Change			
	(per cent)		(per cent)			
1986-2004	1.93	1.87	49.41	-36.89	-14.59	-2.08
1986-1989	1.08	-0.63	-29.60	133.27	-1.19	102.49
1989-2000	1.91	3.55	106.74	-65.64	-15.74	25.37
2000-2004	2.63	-0.77	-12.50	-36.37	0.41	-48.47

Source: Appendix Table 7

Note:

$G(X_t^i) = (X_t - X_{t-1})/X_{t-1}$ where "t" is the final year of the period and "t-1" is the first year of the period.

Table 7f: Contribution of the Forestry and Logging to Aggregate Labour Productivity Growth, Canada, 1986-2004

All Industries, Total Economy	Forestry and Logging									
	Selected Indicators						Absolute Contribution			
Labour Productivity (GDP per Hour Worked)	Labour Productivity (GDP per Hour Worked)	Relative (Real) Output Price	Labour Input Share	Relative Size	Relative Labour Productivity Level	Nominal Output Share	Pure Productivity Growth Effect	Relative Size Change Effect	Interaction Effect	Total Effect
(constant 2002 dollars)	(constant 2002 dollars)	Index = All Industries = 1.000					Percentage Points			
$X=Y/L$	$X^i=Y^i/L^i$	$p^i = P^i/P$	$l^i = L^i/L*100$	$s^i = p^i l^i$	$x^i = X^i/X$	$w^i = Q^i/Q = x^i s^i$	$w_{t-1}^i * G(X_t^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i) * G(X_t^i)$	Sum of three effects

1986	32.06	36.78	0.747	0.007	0.005	1.15	0.006			
1989	32.38	40.12	0.813	0.006	0.005	1.24	0.006			
2000	38.55	41.83	1.027	0.005	0.005	1.09	0.006			
2004	39.72	54.05	0.917	0.004	0.004	1.36	0.005			

Total Change											
		(per cent)			(absolute)	(per cent)		(percentage points)			
1986-2004	0.24	0.47	22.82	-39.82	-0.001	18.61	-12.33	0.00	0.00	0.00	0.00
1986-1989	0.01	0.09	8.86	-4.27	0.000	7.98	12.54	0.00	0.00	0.00	0.00
1989-2000	0.19	0.04	26.42	-20.88	0.000	-12.39	-12.38	0.00	0.00	0.00	0.00
2000-2004	0.03	0.29	-10.75	-20.55	-0.002	25.38	-11.09	0.00	0.00	0.00	0.00
Compound Annual Growth Rate		Relative Contribution to Total Change									
(per cent)		(per cent)									
1986-2004	1.20	2.16				1986-2004	1.13	-0.63	-0.30	0.21	
1986-1989	0.33	2.94				1986-1989	5.18	2.41	0.00	7.59	
1989-2000	1.60	0.38				1989-2000	0.15	0.00	0.00	0.15	
2000-2004	0.76	6.62				2000-2004	5.43	-5.40	-0.01	0.01	

Source: Appendix Table 7

Note:

$G(X_t^i) = (X_t - X_{t-1})/X_{t-1}$ where "t" is the final year of the period and "t-1" is the first year of the period.

Table 7g: Contribution of the Wood Product Manufacturing to Aggregate Labour Productivity Growth, Canada, 1981-2004

All Industries, Total Economy	Wood Product Manufacturing										
	Selected Indicators						Absolute Contribution				
Labour Productivity (GDP per Hour Worked)	Labour Productivity (GDP per Hour Worked)	Relative (Real) Output Price	Labour Input Share	Relative Size	Relative Labour Productivity Level	Nominal Output Share	Pure Productivity Growth Effect	Relative Size Change Effect	Interaction Effect	Total Effect	
(constant 2002 dollars)	(constant 2002 dollars)	Index = All Industries = 1.000					Percentage Points				
$X=Y/L$	$X^i=Y^i/L^i$	$p^i = P^i/P$	$l^i = L^i/L*100$	$s^i = p^i l^i$	$x^i = X^i/X$	$w^i = Q^i/Q = x^i s^i$	$w_{t-1}^i * G(X_t^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i)$	$x_{t-1}^i * (s_t^i - s_{t-1}^i) * G(X_t^i)$	Sum of three effects	
1981	29.74	22.71	0.858	0.012	0.010	0.76	0.008				
1986	32.06	33.06	0.835	0.010	0.009	1.03	0.009				
1989	32.38	35.13	0.724	0.010	0.007	1.08	0.008				
2000	38.55	40.88	1.090	0.011	0.011	1.06	0.012				
2004	39.72	49.01	1.044	0.009	0.010	1.23	0.012				
Total Change											
(per cent)						(absolute)	(per cent)		(percentage points)		
1981-2004	0.34	1.16	21.69	-23.50	-0.001	61.52	50.38	0.01	0.00	0.00	0.01
1981-1989	0.09	0.55	-15.61	-14.70	-0.003	42.00	2.22	0.00	0.00	0.00	0.00
1986-2004	0.24	0.48	24.99	-11.21	0.001	19.65	32.80	0.00	0.00	0.00	0.01
1986-1989	0.01	0.06	-13.32	-0.99	-0.001	5.19	-9.73	0.00	0.00	0.00	0.00
1989-2000	0.19	0.16	50.48	3.59	0.004	-2.22	52.42	0.00	0.00	0.00	0.01
2000-2004	0.03	0.20	-4.17	-13.42	-0.002	16.33	-3.48	0.00	0.00	0.00	0.00
Relative Contribution to Total Change											
(per cent)											
1981-2004								2.69	-0.16	-0.19	2.34
1981-1989								4.79	-2.45	-1.34	0.99
1986-2004								1.78	0.41	0.20	2.39
1986-1989								5.48	-12.43	-0.01	-6.96
1989-2000								0.69	2.34	0.00	3.03
2000-2004								7.91	-6.78	-0.02	1.12

Source: Appendix Table 7

Note:

$G(X_t^i) = (X_t^i - X_{t-1}^i) / X_{t-1}^i$ where "t" is the final year of the period and "t-1" is the first year of the period.

Table 7h: Contribution of the Paper Manufacturing to Aggregate Labour Productivity Growth, Canada, 1981-2004

All Industries, Total Economy	Paper Manufacturing											
	Selected Indicators						Absolute Contribution					
Labour Productivity (GDP per Hour Worked)	Labour Productivity (GDP per Hour Worked)	Relative (Real) Output Price	Labour Input Share	Relative Size	Relative Labour Productivity Level	Nominal Output Share	Pure Productivity Growth Effect	Relative Size Change Effect	Interaction Effect	Total Effect		
(constant 2002 dollars)	(constant 2002 dollars)	Index = All Industries = 1.000					Percentage Points					
$X=Y/L$	$X^i=Y^i/L^i$	$p^i = P^i/P$	$l^i = L^i/L*100$	$s^i = p^i l^i$	$x^i = X^i/X$	$w^i = Q^i/Q = x^i s^i$	$w_{t-1}^i * G(X_t^i)$	$x_{t-1}^i * (S_t^i - S_{t-1}^i)$	$x_{t-1}^i * (S_t^i - S_{t-1}^i) * G(X_t^i)$	Sum of three effects		
1981	29.74	32.75	1.120	0.014	0.015	1.10	0.017					
1986	32.06	39.67	1.076	0.011	0.012	1.24	0.015					
1989	32.38	38.92	1.255	0.011	0.013	1.20	0.016					
2000	38.55	57.10	1.242	0.008	0.010	1.48	0.015					
2004	39.72	55.36	0.875	0.008	0.007	1.39	0.009					
Total Change												
(per cent)						(absolute)	(per cent)		(percentage points)			
1981-2004	0.34	0.69	-21.85	-44.05	-0.009	26.53	-44.67	0.01	-0.01	-0.01	0.00	
1981-1989	0.09	0.19	12.05	-21.45	-0.002	9.13	-3.94	0.00	0.00	0.00	0.00	
1986-2004	0.24	0.40	-18.64	-33.01	-0.006	12.63	-38.61	0.01	-0.01	0.00	0.00	
1986-1989	0.01	-0.02	16.64	-5.94	0.001	-2.86	6.57	0.00	0.00	0.00	0.00	
1989-2000	0.19	0.47	-1.03	-26.53	-0.004	23.25	-10.38	0.01	0.00	0.00	0.00	
2000-2004	0.03	-0.03	-29.53	-3.06	-0.003	-5.92	-35.73	0.00	0.00	0.00	-0.01	
Relative Contribution to Total Change												
(per cent)												
1981-2004								3.47	-2.83	-1.95	-1.31	
1981-1989								3.57	-2.27	-0.43	0.87	
1986-2004								2.52	-2.90	-1.15	-1.52	
1986-1989								-2.84	14.67	0.00	11.82	
1989-2000								3.98	-2.33	-0.01	1.64	
2000-2004								-1.45	-15.07	0.00	-16.52	

Source: Appendix Table 7

Note:

$G(X_t^i) = (X_t^i - X_{t-1}^i) / X_{t-1}^i$ where "t" is the final year of the period and "t-1" is the first year of the period.

Table 8: Real Capital Stock, Forest Products Sector, Canada, 1961-2007

	Millions of Chained 2002 Dollars					Millions of Constant 2002 Dollars					
	Total all industries	Manufacturing	Forestry and logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]	Total all industries	Manufacturing	Forest Products Sector			
								Total, Forest Products Sector	Forestry and logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	323,215	51,462	2,403	2,377	8,288	352,225	53,747	13,296	2,480	2,382	8,434
1973	551,325	86,735	3,601	5,040	14,949	594,576	90,653	23,948	3,669	5,141	15,139
1981	758,835	111,100	3,999	6,005	16,920	799,353	114,274	27,194	4,031	6,014	17,150
1982	779,241	113,273	3,741	5,774	17,603	818,650	116,219	27,366	3,749	5,773	17,844
1983	790,591	110,941	3,529	5,494	16,754	826,966	113,400	25,975	3,517	5,487	16,971
1984	801,330	108,264	3,401	5,311	16,188	834,997	110,370	25,061	3,380	5,304	16,378
1985	816,470	108,771	3,299	5,158	16,776	847,997	110,814	25,395	3,274	5,147	16,974
1986	829,903	112,147	3,229	5,170	17,092	859,098	114,085	25,641	3,208	5,158	17,275
1987	848,389	115,806	3,195	5,568	18,103	873,636	117,598	27,028	3,182	5,564	18,282
1988	875,911	121,358	3,169	6,345	20,350	899,569	123,190	30,098	3,163	6,372	20,563
1989	905,015	128,995	3,146	6,731	24,411	926,629	130,970	34,639	3,138	6,773	24,729
1990	928,038	133,653	3,072	6,818	26,296	948,290	135,609	36,585	3,061	6,865	26,658
1991	945,842	135,163	2,855	6,487	26,515	964,506	136,951	36,163	2,832	6,516	26,814
1992	952,432	131,557	2,785	6,258	25,536	968,228	133,000	34,772	2,768	6,273	25,731
1993	955,534	127,279	2,864	6,250	24,078	968,714	128,491	33,300	2,859	6,237	24,203
1994	965,880	125,850	2,985	6,806	22,908	976,576	126,953	32,833	2,991	6,812	23,030
1995	974,901	126,247	2,991	7,842	23,472	983,589	127,246	34,440	3,000	7,863	23,577
1996	982,767	127,152	2,951	8,021	23,454	989,241	127,978	34,525	2,966	8,040	23,519
1997	1,004,542	129,599	2,883	8,297	22,791	1,009,384	130,314	34,041	2,899	8,314	22,828
1998	1,025,354	131,315	2,879	8,125	21,498	1,027,555	131,695	32,517	2,887	8,118	21,512
1999	1,047,716	132,329	2,890	7,902	20,208	1,049,321	132,426	30,979	2,892	7,888	20,199
2000	1,069,855	133,256	2,883	8,376	19,403	1,070,009	133,301	30,652	2,883	8,372	19,398
2001	1,087,483	129,229	2,762	7,860	18,097	1,087,175	129,197	28,703	2,761	7,852	18,090
2002	1,096,863	124,702	2,738	7,335	16,621	1,096,863	124,702	26,693	2,738	7,335	16,621
2003	1,114,200	123,204	2,706	7,201	16,111	1,114,431	123,247	26,030	2,708	7,202	16,119
2004	1,139,081	121,093	2,676	7,316	14,894	1,140,548	121,380	24,897	2,681	7,337	14,879
2005	1,173,999	119,650	2,636	7,643	13,909	1,178,306	120,540	24,274	2,648	7,706	13,920
2006	1,215,452	118,637	2,573	7,800	12,952	1,222,664	120,271	23,513	2,598	7,924	12,991
2007	1,256,594	118,800	2,507	7,975	12,209	1,270,506	121,766	23,079	2,544	8,221	12,314
Compound Annual Growth Rate											
1981-2007	1.96	0.26	-1.78	1.10	-1.25	1.80	0.24	-0.63	-1.76	1.21	-1.27
1981-1989	2.23	1.88	-2.96	1.44	4.69	1.86	1.72	3.07	-3.08	1.50	4.68
1989-2007	1.84	-0.46	-1.25	0.95	-3.78	1.77	-0.40	-2.23	-1.16	1.08	-3.80
1989-2000	1.53	0.30	-0.79	2.01	-2.07	1.32	0.16	-1.11	-0.77	1.95	-2.18
2000-2007	2.32	-1.63	-1.98	-0.70	-6.40	2.48	-1.28	-3.97	-1.77	-0.26	-6.29
1981-2006	1.90	0.26	-1.75	1.05	-1.06	1.71	0.20	-0.58	-1.74	1.11	-1.10
2000-2006	2.15	-1.92	-1.88	-1.18	-6.51	2.25	-1.70	-4.32	-1.72	-0.91	-6.46
1981-2005	1.83	0.31	-1.72	1.01	-0.81	1.63	0.22	-0.47	-1.74	1.04	-0.87
2000-2005	1.88	-2.13	-1.77	-1.81	-6.44	1.95	-1.99	-4.56	-1.69	-1.64	-6.42
2000-2004	1.58	-2.36	-1.84	-3.33	-6.40	1.61	-2.31	-5.07	-1.80	-3.25	-6.41

Source: Calculated by CSLS from Statistics Canada CANSIM Table 031-0002

Note:

1. Geometric (infinite) end-year net stock of fixed non-residential capital; Total components

Table 8a: Capital Stock, Forest Products Sector, Canada, 1961-2007

	Millions of Current Dollars						As a Share of All Industries Total, per cent					
	Total all industries	Manufacturing	Forest Products Sector				Total all industries	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and logging [113]	Total, Wood Product Manuf. [321]	Total, Paper Manuf. [322]			Total, Forest Products Sector	Forestry and logging [113]	Total, Wood Product Manuf. [321]	Total, Paper Manuf. [322]
1961	55,152	7,956	1,899	360	360	1,180	100.0	14.4	3.4	0.7	0.7	2.1
1973	152,669	20,542	5,251	826	1,169	3,256	100.0	13.5	3.4	0.5	0.8	2.1
1981	459,823	59,903	14,597	2,386	3,281	8,930	100.0	13.0	3.2	0.5	0.7	1.9
1982	510,110	66,197	15,882	2,408	3,408	10,067	100.0	13.0	3.1	0.5	0.7	2.0
1983	530,918	66,111	15,492	2,404	3,303	9,785	100.0	12.5	2.9	0.5	0.6	1.8
1984	553,313	66,880	15,469	2,344	3,283	9,842	100.0	12.1	2.8	0.4	0.6	1.8
1985	582,282	70,496	16,260	2,183	3,325	10,753	100.0	12.1	2.8	0.4	0.6	1.8
1986	608,233	75,117	16,952	2,184	3,442	11,327	100.0	12.4	2.8	0.4	0.6	1.9
1987	635,027	78,957	17,948	2,039	3,744	12,164	100.0	12.4	2.8	0.3	0.6	1.9
1988	677,102	84,181	20,275	2,207	4,321	13,747	100.0	12.4	3.0	0.3	0.6	2.0
1989	726,271	92,938	24,125	2,276	4,775	17,073	100.0	12.8	3.3	0.3	0.7	2.4
1990	767,609	98,513	26,162	2,424	4,957	18,781	100.0	12.8	3.4	0.3	0.6	2.4
1991	764,335	98,119	25,440	2,151	4,619	18,670	100.0	12.8	3.3	0.3	0.6	2.4
1992	771,284	98,033	25,339	2,158	4,593	18,588	100.0	12.7	3.3	0.3	0.6	2.4
1993	784,211	97,975	25,241	2,239	4,759	18,243	100.0	12.5	3.2	0.3	0.6	2.3
1994	817,103	101,012	25,979	2,410	5,408	18,161	100.0	12.4	3.2	0.3	0.7	2.2
1995	843,622	104,726	28,284	2,526	6,461	19,296	100.0	12.4	3.4	0.3	0.8	2.3
1996	871,424	107,684	29,060	2,588	6,760	19,712	100.0	12.4	3.3	0.3	0.8	2.3
1997	912,892	112,922	29,514	2,599	7,213	19,702	100.0	12.4	3.2	0.3	0.8	2.2
1998	955,043	120,087	29,708	2,659	7,401	19,648	100.0	12.6	3.1	0.3	0.8	2.1
1999	987,227	122,674	28,796	2,738	7,307	18,751	100.0	12.4	2.9	0.3	0.7	1.9
2000	1,035,769	126,693	29,154	2,828	7,922	18,403	100.0	12.2	2.8	0.3	0.8	1.8
2001	1,073,835	127,036	28,196	2,725	7,691	17,781	100.0	11.8	2.6	0.3	0.7	1.7
2002	1,096,863	124,702	26,693	2,738	7,335	16,621	100.0	11.4	2.4	0.2	0.7	1.5
2003	1,107,028	118,357	25,001	2,716	6,892	15,393	100.0	10.7	2.3	0.2	0.6	1.4
2004	1,164,669	116,665	23,993	2,731	7,031	14,231	100.0	10.0	2.1	0.2	0.6	1.2
2005	1,243,591	115,742	23,477	2,778	7,383	13,317	100.0	9.3	1.9	0.2	0.6	1.1
2006	1,339,576	115,834	22,947	2,811	7,633	12,503	100.0	8.6	1.7	0.2	0.6	0.9
2007	1,441,986	116,259	22,504	2,804	7,872	11,828	100.0	8.1	1.6	0.2	0.5	0.8

Total Growth Rate, per cent

1961-2007	-44.1	-54.7	-70.2	-16.4	-61.6
1961-1973	-6.7	-0.1	-17.0	17.2	-0.3
1973-1981	-3.2	-7.7	-4.1	-6.8	-8.9
1981-2007	-38.1	-50.8	-62.5	-23.5	-57.8
1981-1989	-1.8	4.6	-39.6	-7.9	21.1
1989-2000	-4.4	-15.3	-12.9	16.3	-24.4
2000-2007	-34.1	-44.6	-28.8	-28.6	-53.8

Source: Calculated by CSLS from Statistics Canada CANSIM Table 031-0002

Note:

1. Geometric (infinite) end-year net stock of fixed non-residential capital; Total components

Table 8b: Capital Productivity, Forest Products Sector, Canada, 1981-2007

	Total All Industries	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1981	755	887	..	..	912	530
1982	718	777	..	..	798	453
1983	729	838	..	..	1,037	533
1984	762	977	..	..	1,202	576
1985	788	1,022	..	..	1,405	553
1986	799	1,003	869	1,651	1,409	562
1987	817	1,018	914	1,995	1,498	549
1988	829	1,035	831	1,983	1,352	492
1989	824	989	703	1,938	1,241	399
1990	809	920	622	1,715	1,139	364
1991	784	847	571	1,596	1,064	343
1992	788	885	613	1,655	1,164	367
1993	807	967	682	1,719	1,228	419
1994	836	1,052	718	1,708	1,144	463
1995	852	1,102	684	1,757	984	448
1996	859	1,108	681	1,626	991	456
1997	877	1,159	740	1,755	1,116	475
1998	896	1,204	781	1,787	1,194	490
1999	926	1,295	878	1,850	1,308	571
2000	958	1,430	950	1,965	1,367	619
2001	958	1,403	970	2,059	1,384	624
2002	974	1,465	1,118	2,152	1,647	714
2003	979	1,470	1,144	2,128	1,685	738
2004	988	1,522	1,241	2,314	1,727	809
2005	986	1,557	1,261	2,333	1,668	831
2006	978	1,553	1,224	2,280	1,549	815
2007	965	1,518	1,147	2,085	1,338	827

Compound Annual Growth Rate

1981-2007	0.95	2.09	..	..	1.48	1.72
1981-1989	1.10	1.37	..	..	3.92	-3.50
1989-2000	1.39	3.41	2.77	0.12	0.88	4.07
2000-2007	0.09	0.86	2.74	0.85	-0.31	4.23
1997-2005	1.47	3.76	6.88	3.62	5.16	7.25
1997-2000	3.00	7.25	8.65	3.83	7.01	9.22
2000-2005	0.56	1.71	5.83	3.50	4.06	6.09
1986-2007	0.90	1.99	1.33	1.12	-0.25	1.85
1986-2006	1.01	2.21	1.73	1.63	0.48	1.88
1986-1989	1.00	-0.47	-6.81	5.50	-4.13	-10.82
1989-2007	0.88	2.41	2.76	0.41	0.42	4.13
2000-2006	0.33	1.38	4.33	2.51	2.10	4.71

Source: Tables 1a and 8

Note:

1. Real GDP per \$1000 of Capital Stock, Constant 2002 Dollars
2. Geometric (infinite) end-year net stock of fixed non-residential capital; Total components

Table 8c: Capital Productivity, Forest Products Sector, Canada, Index 2002 = 100, 1981-2007

	Total All Industries	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1981	77.4	60.5	..	..	55.4	74.3
1982	73.7	53.0	..	..	48.4	63.5
1983	74.9	57.2	..	..	62.9	74.6
1984	78.2	66.7	..	..	73.0	80.7
1985	80.9	69.7	..	..	85.3	77.4
1986	82.0	68.5	77.7	76.7	85.5	78.8
1987	83.9	69.4	81.8	92.7	90.9	76.9
1988	85.0	70.6	74.3	92.1	82.1	68.9
1989	84.5	67.5	62.9	90.1	75.4	55.9
1990	83.0	62.8	55.7	79.7	69.2	50.9
1991	80.5	57.8	51.1	74.2	64.6	48.0
1992	80.8	60.4	54.9	76.9	70.7	51.4
1993	82.8	66.0	61.0	79.9	74.6	58.7
1994	85.8	71.8	64.2	79.4	69.5	64.8
1995	87.4	75.2	61.2	81.7	59.7	62.7
1996	88.2	75.6	61.0	75.6	60.2	63.9
1997	90.0	79.1	66.2	81.6	67.7	66.5
1998	91.9	82.2	69.9	83.0	72.5	68.6
1999	95.1	88.4	78.5	85.9	79.4	80.0
2000	98.4	97.6	85.0	91.3	83.0	86.7
2001	98.3	95.8	86.8	95.6	84.1	87.4
2002	100.0	100.0	100.0	100.0	100.0	100.0
2003	100.5	100.3	102.4	98.9	102.3	103.3
2004	101.4	103.9	111.1	107.5	104.9	113.3
2005	101.2	106.2	112.8	108.4	101.3	116.5
2006	100.3	106.0	109.5	106.0	94.0	114.2
2007	99.0	103.6	102.6	96.9	81.2	115.8

Compound Annual Growth Rate

1981-2007	0.95	2.09	..	..	1.48	1.72
1981-1989	1.10	1.37	..	..	3.92	-3.50
1989-2000	1.39	3.41	2.77	0.12	0.88	4.07
2000-2007	0.09	0.86	2.74	0.85	-0.31	4.23
1997-2005	1.47	3.76	6.88	3.62	5.16	7.25
1997-2000	3.00	7.25	8.65	3.83	7.01	9.22
2000-2005	0.56	1.71	5.83	3.50	4.06	6.09

Source: Tables 8b

Note:

1. Real GDP per \$1000 of Capital Stock, Constant 2002 Dollars

1. Geometric (infinite) end-year net stock of fixed non-residential capital; Total components

Table 8d: Capital Share of GDP, Forest Products Sector, Canada, per cent, 1981-2004

	Total All Industries	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1981	39.9	31.7	..	..	10.6	39.9
1982	39.1	26.1	..	..	22.3	24.7
1983	41.2	30.9	..	..	17.0	23.8
1984	42.0	35.7	..	..	15.9	35.2
1985	41.9	36.3	..	..	21.2	31.9
1986	40.8	37.0	33.3	25.4	30.2	38.1
1987	40.8	38.8	40.9	35.1	32.7	47.7
1988	40.4	40.0	42.2	40.7	23.7	51.2
1989	39.9	38.5	39.1	39.3	23.6	46.7
1990	39.2	36.0	31.0	34.6	15.4	37.4
1991	37.9	32.8	17.3	26.4	10.0	17.3
1992	37.7	31.5	18.6	33.9	20.0	8.6
1993	38.6	35.0	30.6	43.0	38.9	13.7
1994	40.6	40.8	40.9	46.4	48.5	29.8
1995	41.7	44.6	50.0	44.3	38.2	58.2
1996	42.0	43.2	45.4	43.6	39.8	49.8
1997	41.6	43.2	43.6	44.8	42.9	43.6
1998	40.8	43.4	46.7	50.2	42.6	48.3
1999	41.8	47.1	47.2	43.5	51.0	45.0
2000	42.6	48.5	50.4	43.2	47.1	55.9
2001	42.1	45.8	46.9	38.3	44.6	52.1
2002	41.8	45.3	45.0	42.9	46.4	44.7
2003	42.4	43.1	39.6	38.8	43.4	35.8
2004	42.9	43.3	44.1	43.2	50.2	36.7

Compound Annual Growth Rate

1981-2004	0.29	1.21	..	..	6.18	-0.32
1981-1989	0.00	2.46	..	..	10.58	1.97
1989-2000	0.62	2.12	2.33	0.88	6.47	1.66
2000-2004	0.18	-2.77	-3.29	-0.02	1.64	-9.97
1997-2000	0.82	3.95	4.92	-1.13	3.11	8.66

Source: Tables 6b

Note:

1. Geometric (infinite) end-year net stock of fixed non-residential capital; Total components.
2. Calculated as 1-(Labour Share)

Table 8e: Capital Intensity, Forest Products Sector, Canada, 1981-2007

	Total All Industries	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	26.90	18.65	21.40	11.93	12.27	38.47
1973	34.69	23.86	32.74	19.37	19.40	54.65
1981	39.40	30.53	39.91	24.85	24.89	61.77
1982	42.06	34.47	46.42	26.80	28.60	72.03
1983	42.23	34.06	43.65	23.93	26.32	70.82
1984	41.57	32.30	41.97	22.47	25.84	67.83
1985	40.76	31.50	43.13	22.74	24.56	72.15
1986	40.11	31.23	42.13	22.28	23.47	70.56
1987	39.36	31.01	41.53	20.59	23.21	71.29
1988	38.95	30.75	46.60	20.97	26.44	80.94
1989	39.32	32.94	53.76	20.70	28.29	97.61
1990	40.29	36.14	61.44	22.37	31.85	109.68
1991	42.21	39.88	65.58	21.11	35.15	115.65
1992	42.87	40.23	63.65	21.81	32.02	115.15
1993	42.34	38.82	58.84	21.47	28.67	112.44
1994	41.51	37.29	54.85	21.44	28.46	104.80
1995	41.25	36.17	54.26	18.60	32.39	102.22
1996	40.90	35.51	56.23	20.99	32.07	105.92
1997	40.73	35.05	54.97	20.74	31.77	104.79
1998	40.57	35.32	55.13	21.77	32.24	104.72
1999	40.30	34.19	48.96	20.29	28.57	94.28
2000	40.22	33.15	49.00	21.29	29.90	92.30
2001	40.58	32.72	47.87	22.97	29.15	86.14
2002	40.34	31.84	44.74	22.42	27.40	80.38
2003	40.38	31.80	43.95	21.82	27.89	76.77
2004	40.19	31.09	41.59	21.84	28.38	68.47
2005	41.18	31.55	40.88	21.74	30.29	63.96
2006	41.98	31.76	40.49	22.63	31.57	60.43
2007	42.78	33.18	41.64	23.71	33.88	60.26

Compound Annual Growth Rate

1989-2007	0.47	0.04	-1.41	0.76	1.01	-2.64
1989-2000	0.20	0.06	-0.84	0.26	0.50	-0.51
2000-2007	0.89	0.01	-2.30	1.55	1.80	-5.91

Source: Tables 4 and 8

Note:

1. Geometric (infinite) end-year net stock of fixed non-residential capital; Total components, per hour worked, hours worked for all jobs, constant 2002 dollars

Table 9: Multifactor Productivity, All Industries Total Economy, Canada, 1981-2007

	Labour Productivity	Capital Intensity			Multifactor Productivity
		Average Capital Share	Capital Intensity	Contribution to Labour Productivity Growth	
		(per cent)		(percentage points)	
1989-2007	1.35	40.8	0.47	0.19	1.16
1989-2000	1.60	40.4	0.20	0.08	1.51
2000-2007	0.98	42.4	0.89	0.38	0.60

Source: Tables 5, 8d, and 8e.

Notes:

1. Capital and labour share for 2000-2006 are assumed to be equal to share in 2000-2004, because data were not available on share for years after 2004, due to the lack of current dollar GDP data or constant dollar compensation data.

Table 9a: Multifactor Productivity, Forest Products Sector, Canada, 1981-2007

	Labour Productivity	Capital Intensity			Multifactor Productivity
		Average Capital Share	Capital Intensity	Contribution to Labour Productivity Growth	
		(per cent)		(percentage points)	
1989-2007	1.31	39.8	-1.41	-0.56	1.87
1989-2000	1.91	38.4	-0.84	-0.32	2.23
2000-2007	0.38	45.2	-2.30	-1.04	1.41

Source: Tables 5, 8d, and 8e.

Notes:

1. Capital and labour share for 2000-2006 are assumed to be equal to share in 2000-2004, because data were not available on share for years after 2004, due to the lack of current dollar GDP data or constant dollar compensation data.

Table 9b: Multifactor Productivity, Forestry and Logging, Canada, 1981-2007

	Labour Productivity	Capital Intensity			Multifactor Productivity
		Average Capital Share	Capital Intensity	Contribution to Labour Productivity Growth	
		(per cent)		(percentage points)	
1989-2007	1.17	41.0	0.76	0.31	0.86
1989-2000	0.38	38.4	0.26	0.10	0.28
2000-2007	2.42	41.3	1.55	0.64	1.77

Source: Tables 5, 8d, and 8e.

Notes:

1. Capital and labour share for 2000-2006 are assumed to be equal to share in 2000-2004, because data were not available on share for years after 2004, due to the lack of current dollar GDP data or constant dollar compensation data.

Table 9c: Multifactor Productivity, Wood Product Manufacturing, Canada, 1981-2007

	Labour Productivity	Capital Intensity			Multifactor Productivity
		Average Capital Share	Capital Intensity	Contribution to Labour Productivity Growth	
		(per cent)		(percentage points)	
1989-2007	1.43	37.7	1.01	0.38	1.05
1989-2000	1.39	34.8	0.50	0.18	1.21
2000-2007	1.48	46.3	1.80	0.83	0.65

Source: Tables 5, 8d, and 8e.

Notes:

1. Capital and labour share for 2000-2006 are assumed to be equal to share in 2000-2004, because data were not available on share for years after 2004, due to the lack of current dollar GDP data or constant dollar compensation data.

Table 9d: Multifactor Productivity, Paper Manufacturing, Canada, 1981-2006

Labour Productivity	Capital Intensity			Multifactor Productivity
	Average Capital Share	Capital Intensity	Contribution to Labour Productivity Growth	

(per cent)

(percentage points)

1989-2007	1.38	39.0	-2.64	-1.03	2.41
1989-2000	3.55	37.8	-0.51	-0.19	3.74
2000-2007	-1.93	45.0	-5.91	-2.66	0.73

Source: Tables 5, 8d, and 8e.

Notes:

1. Capital and labour share for 2000-2006 are assumed to be equal to share in 2000-2004, because data were not available on share for years after 2004, due to the lack of current dollar GDP data or constant dollar compensation data.

Table 10: Real Gross Investment, All Components, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	41,675	6,399	1,745	307	313	1,124
1973	79,805	14,781	3,906	731	1,364	1,812
1981	115,123	21,927	5,545	458	924	4,163
1982	103,301	17,984	4,119	217	626	3,275
1983	93,930	13,196	2,461	213	541	1,707
1984	94,903	12,618	2,773	277	613	1,883
1985	101,470	15,971	4,000	291	618	3,092
1986	101,314	19,202	3,989	322	779	2,889
1987	106,830	20,122	5,300	363	1,213	3,724
1988	121,761	23,079	7,384	372	1,722	5,290
1989	127,487	26,530	9,518	370	1,420	7,728
1990	125,632	24,589	7,512	314	1,155	6,044
1991	122,343	21,967	5,300	131	693	4,476
1992	111,597	16,694	4,183	274	748	3,162
1993	108,847	15,710	3,894	452	939	2,502
1994	118,097	18,471	4,802	540	1,613	2,649
1995	120,109	20,531	7,052	452	2,259	4,341
1996	121,490	21,387	5,746	414	1,524	3,808
1997	140,409	23,615	5,213	371	1,675	3,167
1998	144,373	23,404	4,053	422	1,222	2,409
1999	154,492	23,376	3,829	443	1,159	2,227
2000	160,328	23,970	4,921	432	1,905	2,585
2001	162,806	18,930	3,133	305	911	1,917
2002	159,255	17,943	2,740	388	828	1,524
2003	170,657	20,669	3,887	374	1,166	2,347
2004	184,802	20,310	3,320	374	1,461	1,485
2005	204,874	21,584	3,743	365	1,781	1,597
2006	221,873	22,572	3,556	345	1,719	1,491
2007	236,860	24,988	3,855	338	1,889	1,627

Compound Annual Growth Rate

1961-2007	3.85	3.01	1.74	0.21	3.98	0.81
1961-1973	5.56	7.23	6.95	7.49	13.03	4.06
1973-1981	4.69	5.05	4.48	-5.68	-4.75	10.96
1981-1989	1.28	2.41	6.99	-2.62	5.51	8.04
1989-2000	2.11	-0.92	-5.82	1.40	2.71	-9.48
2000-2007	5.73	0.60	-3.43	-3.41	-0.12	-6.40

Source: Unpublished Statistics Canada data.

Table 10a: Real Gross Investment, Machinery and Equipment, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	13,536	4,636	1,276	122	233	921
1973	35,734	11,017	3,035	430	1,078	1,527
1981	52,885	16,194	4,463	263	731	3,469
1982	45,265	13,004	3,310	92	484	2,734
1983	41,736	10,024	2,018	94	452	1,472
1984	42,342	9,564	2,282	154	515	1,613
1985	44,856	11,748	3,365	143	512	2,710
1986	48,321	15,244	3,364	178	636	2,550
1987	51,793	15,946	4,610	206	1,005	3,399
1988	62,476	18,657	6,195	194	1,449	4,552
1989	65,906	21,155	7,898	223	1,101	6,574
1990	63,043	19,479	6,486	183	958	5,345
1991	61,397	17,726	4,295	55	530	3,711
1992	57,895	13,699	3,152	191	563	2,398
1993	55,254	13,313	3,150	330	755	2,065
1994	59,456	15,376	4,084	419	1,344	2,321
1995	61,983	17,194	5,708	358	1,918	3,432
1996	63,891	16,975	4,632	314	1,266	3,052
1997	76,603	19,226	4,323	234	1,345	2,745
1998	80,833	19,696	3,453	294	976	2,183
1999	88,210	19,147	3,130	282	867	1,981
2000	92,903	19,235	3,966	271	1,585	2,111
2001	90,988	15,350	2,647	192	753	1,702
2002	89,315	14,676	2,308	255	706	1,348
2003	97,761	17,867	3,428	248	1,005	2,175
2004	107,436	17,927	2,715	246	1,234	1,235
2005	120,207	19,667	3,271	248	1,521	1,502
2006	129,349	20,696	3,254	267	1,540	1,447
2007	144,019	23,133	3,583	254	1,743	1,587

Compound Annual Growth Rate

1961-2007	5.27	3.56	2.27	1.61	4.47	1.19
1961-1973	8.43	7.48	7.49	11.09	13.62	4.30
1973-1981	5.02	4.93	4.94	-5.96	-4.74	10.80
1981-1989	2.79	3.40	7.40	-2.06	5.26	8.32
1989-2000	3.17	-0.86	-6.07	1.78	3.36	-9.81
2000-2007	6.46	2.67	-1.44	-0.92	1.37	-3.99

Source: Unpublished Statistics Canada data.

Table 10b: Real Gross Investment, Engineering Construction, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	17,497	411	229	168	10	52
1973	27,587	1,347	384	263	45	76
1981	39,352	1,629	265	161	31	73
1982	38,686	1,844	166	114	7	44
1983	33,901	1,252	154	112	8	34
1984	32,836	585	153	115	11	27
1985	33,865	502	193	139	20	34
1986	29,113	547	174	140	17	17
1987	28,704	838	207	150	14	43
1988	31,291	818	229	168	20	41
1989	32,099	1,055	237	142	25	70
1990	33,688	1,098	278	123	24	131
1991	35,509	1,100	149	71	11	67
1992	31,793	680	148	78	8	62
1993	32,481	422	167	120	17	31
1994	36,736	376	170	115	19	36
1995	36,869	305	184	90	50	44
1996	34,895	520	279	99	14	167
1997	37,818	400	216	136	17	64
1998	38,205	376	183	123	17	42
1999	38,593	646	212	155	23	34
2000	42,397	981	256	155	24	76
2001	45,040	656	193	111	41	41
2002	42,839	855	212	115	31	67
2003	46,653	575	208	118	37	53
2004	50,129	457	230	101	66	63
2005	57,614	345	204	105	54	45
2006	64,509	354	126	67	44	16
2007	63,477	399	131	74	42	15

Compound Annual Growth Rate

1961-2007	2.84	-0.06	-1.20	-1.76	3.21	-2.63
1961-1973	3.87	10.40	4.38	3.82	13.49	3.19
1973-1981	4.54	2.41	-4.53	-5.92	-4.69	-0.50
1981-1989	-2.51	-5.29	-1.37	-1.58	-2.66	-0.42
1989-2000	2.56	-0.65	0.69	0.80	-0.10	0.73
2000-2007	5.94	-12.05	-9.07	-10.03	8.11	-20.55

Source: Unpublished Statistics Canada data.

Table 10c: Real Gross Investment, Building Construction, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	10,643	1,352	240	18	71	151
1973	16,484	2,418	487	38	241	209
1981	22,885	4,103	818	33	163	622
1982	19,350	3,136	644	11	135	497
1983	18,294	1,920	290	7	81	202
1984	19,725	2,468	338	9	87	242
1985	22,750	3,720	443	9	86	348
1986	23,881	3,411	451	3	126	321
1987	26,333	3,339	484	7	195	282
1988	27,995	3,604	960	10	254	697
1989	29,482	4,320	1,383	5	294	1,084
1990	28,901	4,012	748	9	173	567
1991	25,437	3,140	857	5	153	699
1992	21,909	2,314	883	5	176	702
1993	21,112	1,976	576	3	167	406
1994	21,905	2,718	548	6	250	292
1995	21,256	3,031	1,160	4	292	865
1996	22,704	3,893	835	1	244	589
1997	25,987	3,989	674	2	314	358
1998	25,334	3,332	417	4	228	184
1999	27,690	3,584	488	6	270	212
2000	25,028	3,753	699	6	296	398
2001	26,778	2,923	294	3	117	173
2002	27,102	2,412	220	19	92	110
2003	26,243	2,227	250	8	123	119
2004	27,237	1,926	375	27	161	187
2005	27,053	1,573	268	12	205	50
2006	28,015	1,522	175	11	136	29
2007	29,365	1,456	140	11	104	25

Compound Annual Growth Rate

1961-2007	2.23	0.16	-1.16	-1.08	0.84	-3.83
1961-1973	3.71	4.96	6.09	6.46	10.73	2.74
1973-1981	4.19	6.84	6.68	-1.49	-4.78	14.59
1981-1989	3.22	0.65	6.79	-20.59	7.67	7.20
1989-2000	-1.48	-1.27	-6.01	1.01	0.06	-8.72
2000-2007	2.31	-12.65	-20.52	9.01	-13.84	-32.62

Source: Unpublished Statistics Canada data.

Table 10d: Nominal Gross Investment, All Components, Forest Products Sector, Canada, Millions of Current Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	6,775	949	244	46	47	151
1973	20,540	3,253	825	162	294	368
1981	68,313	11,568	2,893	258	494	2,141
1982	66,223	10,457	2,340	137	368	1,835
1983	62,821	7,971	1,445	142	322	981
1984	66,126	7,955	1,702	183	378	1,140
1985	73,281	10,413	2,557	190	404	1,963
1986	75,792	12,947	2,644	213	524	1,908
1987	82,751	13,775	3,519	228	812	2,479
1988	94,958	15,813	4,905	250	1,143	3,512
1989	103,157	18,756	6,529	260	985	5,284
1990	104,156	17,837	5,267	235	817	4,216
1991	98,770	15,772	3,716	98	490	3,127
1992	92,157	12,505	3,069	202	547	2,320
1993	92,458	12,261	2,998	342	734	1,921
1994	103,709	14,971	3,789	427	1,272	2,090
1995	108,091	17,200	5,794	374	1,851	3,569
1996	111,687	18,307	4,857	350	1,282	3,224
1997	131,074	20,747	4,536	327	1,454	2,754
1998	139,104	21,886	3,767	396	1,138	2,234
1999	149,113	22,120	3,613	425	1,087	2,101
2000	157,431	22,951	4,675	422	1,794	2,458
2001	161,902	18,741	3,085	301	895	1,888
2002	159,255	17,943	2,740	388	828	1,524
2003	165,171	19,384	3,642	361	1,094	2,187
2004	178,224	18,370	3,053	359	1,328	1,366
2005	199,199	18,817	3,315	347	1,587	1,381
2006	219,413	19,213	3,043	318	1,480	1,245
2007	231,119	20,082	3,107	308	1,520	1,279
Compound Annual Growth Rate						
1961-2007	7.98	6.86	5.69	4.24	7.87	4.75
1961-1973	9.68	10.81	10.69	11.16	16.59	7.68
1973-1981	16.21	17.18	16.99	5.98	6.70	24.62
1981-1989	5.29	6.23	10.71	0.10	9.00	11.96
1989-2000	3.92	1.85	-2.99	4.49	5.61	-6.72
2000-2007	5.64	-1.89	-5.67	-4.41	-2.34	-8.91

Source: Unpublished Statistics Canada data.

Table 10e: Nominal Gross Investment, Machinery and Equipment, Forest Products Sector, Canada, Millions of Current Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	2,517	674	169	20	33	117
1973	9,150	2,271	596	94	214	289
1981	31,825	8,503	2,280	138	381	1,761
1982	29,412	7,551	1,841	52	279	1,510
1983	28,745	6,089	1,159	55	267	837
1984	31,082	6,144	1,384	94	318	972
1985	34,491	7,850	2,148	91	336	1,721
1986	38,647	10,421	2,219	115	427	1,678
1987	43,013	10,953	3,049	134	666	2,248
1988	49,915	12,608	4,043	127	947	2,970
1989	54,092	14,621	5,276	152	740	4,384
1990	52,418	13,762	4,433	128	657	3,648
1991	49,140	12,455	2,922	39	363	2,519
1992	48,676	10,165	2,258	136	402	1,720
1993	48,811	10,379	2,406	245	588	1,574
1994	54,505	12,497	3,203	328	1,052	1,823
1995	58,370	14,442	4,659	294	1,562	2,803
1996	60,985	14,602	3,883	261	1,061	2,561
1997	73,490	16,972	3,743	201	1,163	2,378
1998	80,510	18,622	3,226	279	917	2,030
1999	87,155	18,302	2,967	272	819	1,876
2000	92,085	18,440	3,758	262	1,490	2,006
2001	91,082	15,231	2,606	189	740	1,677
2002	89,315	14,676	2,308	255	706	1,348
2003	90,905	16,514	3,172	230	930	2,012
2004	94,880	15,758	2,394	221	1,080	1,094
2005	101,636	16,581	2,770	214	1,284	1,273
2006	105,444	16,871	2,669	224	1,256	1,190
2007	108,840	17,583	2,749	200	1,324	1,225

Compound Annual Growth Rate

1961-2007	8.53	7.35	6.25	5.14	8.38	5.25
1961-1973	11.36	10.66	11.08	13.80	16.96	7.85
1973-1981	16.86	17.94	18.24	4.92	7.46	25.37
1981-1989	6.86	7.01	11.06	1.26	8.67	12.08
1989-2000	4.96	2.13	-3.04	5.06	6.57	-6.86
2000-2007	2.42	-0.68	-4.37	-3.82	-1.67	-6.80

Source: Unpublished Statistics Canada data.

Table 10f: Nominal Gross Investment, Engineering Construction, Forest Products Sector, Canada, Millions of Current Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	2,457	58	32	23	2	8
1973	6,791	326	90	58	11	20
1981	23,181	892	165	101	19	45
1982	24,725	1,096	112	77	5	30
1983	22,531	785	111	82	6	23
1984	22,742	382	112	84	8	20
1985	24,305	344	132	92	14	26
1986	21,313	381	120	95	12	13
1987	21,309	584	131	89	10	33
1988	24,258	602	164	116	15	33
1989	25,588	806	180	104	19	57
1990	27,971	869	230	100	20	110
1991	29,364	881	119	55	9	56
1992	25,957	550	119	62	7	50
1993	26,593	348	134	95	13	25
1994	31,150	321	140	93	16	31
1995	31,664	262	157	77	42	38
1996	31,144	464	249	88	12	149
1997	34,734	373	199	124	15	59
1998	35,949	356	169	113	16	40
1999	36,675	615	201	147	22	33
2000	41,429	957	253	155	24	74
2001	44,525	650	191	109	40	41
2002	42,839	855	212	115	31	67
2003	47,250	578	214	122	38	54
2004	53,470	486	246	108	70	67
2005	66,297	389	231	119	62	50
2006	79,212	414	152	81	53	18
2007	82,422	479	166	93	54	19
Compound Annual Growth Rate						
1961-2007	7.94	4.71	3.61	3.11	8.06	1.83
1961-1973	8.84	15.54	8.85	8.16	18.14	7.84
1973-1981	16.59	13.41	7.90	7.11	6.83	10.48
1981-1989	1.24	-1.26	1.09	0.36	0.00	3.01
1989-2000	4.48	1.57	3.14	3.68	2.09	2.44
2000-2007	10.33	-9.40	-5.87	-7.01	12.24	-17.79

Source: Unpublished Statistics Canada data.

Table 10g: Nominal Gross Investment, Building Construction, Forest Products Sector, Canada, Millions of Current Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	1,801	218	42	3	12	27
1973	4,598	657	138	10	69	59
1981	13,307	2,173	449	20	95	335
1982	12,086	1,810	387	8	84	296
1983	11,545	1,098	175	5	50	120
1984	12,301	1,430	206	6	53	148
1985	14,484	2,218	277	6	54	217
1986	15,832	2,145	304	2	85	217
1987	18,429	2,238	339	5	136	198
1988	20,784	2,603	698	8	181	510
1989	23,477	3,328	1,073	4	226	843
1990	23,767	3,206	604	7	140	457
1991	20,266	2,435	675	4	119	552
1992	17,524	1,791	692	4	138	550
1993	17,053	1,534	457	2	133	322
1994	18,054	2,153	446	5	203	237
1995	18,057	2,495	978	3	246	729
1996	19,557	3,242	725	1	210	513
1997	22,851	3,403	594	2	276	317
1998	22,646	2,907	373	4	205	163
1999	25,284	3,203	445	6	246	192
2000	23,917	3,554	664	6	281	377
2001	26,295	2,860	288	3	115	169
2002	27,102	2,412	220	19	92	110
2003	27,016	2,292	257	9	126	122
2004	29,874	2,126	412	29	178	205
2005	31,265	1,847	314	14	242	59
2006	34,758	1,928	222	14	172	37
2007	39,856	2,020	193	15	142	35

Compound Annual Growth Rate

1961-2007	6.96	4.96	3.36	3.66	5.45	0.59
1961-1973	8.12	9.64	10.40	10.84	15.36	6.82
1973-1981	14.21	16.14	15.86	8.56	4.03	24.19
1981-1989	7.35	5.47	11.51	-17.41	11.48	12.24
1989-2000	0.17	0.60	-4.27	2.68	2.00	-7.04
2000-2007	7.57	-7.76	-16.18	15.39	-9.24	-28.78

Source: Unpublished Statistics Canada data.

Table 10h: Real Depreciation, All Components, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	30,206	6,321	845	267	289	289
1973	55,177	11,669	1,805	437	684	684
1981	80,670	15,366	2,308	540	884	884
1982	84,004	16,039	2,233	499	867	867
1983	85,614	16,015	2,100	446	827	827
1984	86,872	15,648	2,005	414	796	796
1985	88,470	15,526	1,946	397	775	775
1986	90,213	15,931	1,923	387	768	768
1987	92,292	16,610	2,003	389	807	807
1988	95,828	17,486	2,221	392	915	915
1989	100,427	18,750	2,432	395	1,019	1,019
1990	103,971	19,950	2,515	391	1,062	1,062
1991	106,128	20,625	2,445	360	1,042	1,042
1992	107,424	20,644	2,321	338	991	991
1993	108,361	20,220	2,311	361	975	975
1994	110,235	20,009	2,485	409	1,038	1,038
1995	113,095	20,237	2,861	442	1,209	1,209
1996	115,838	20,656	3,140	448	1,346	1,346
1997	120,161	21,261	3,239	439	1,400	1,400
1998	126,201	22,023	3,270	433	1,419	1,419
1999	132,727	22,645	3,215	438	1,389	1,389
2000	139,640	23,094	3,282	440	1,421	1,421
2001	145,640	23,034	3,291	428	1,432	1,432
2002	149,566	22,438	3,101	411	1,345	1,345
2003	153,088	22,124	3,000	404	1,298	1,298
2004	158,685	22,176	3,055	401	1,327	1,327
2005	167,115	22,425	3,221	398	1,411	1,411
2006	177,514	22,841	3,398	395	1,501	1,501
2007	189,017	23,493	3,576	393	1,592	1,592

Compound Annual Growth Rate

1961-2007	4.07	2.90	3.19	0.84	3.78	3.78
1961-1973	5.15	5.24	6.53	4.21	7.44	7.44
1973-1981	4.86	3.50	3.12	2.66	3.26	3.26
1981-1989	2.78	2.52	0.66	-3.83	1.79	1.79
1989-2000	3.04	1.91	2.76	0.99	3.07	3.07
2000-2007	4.42	0.25	1.23	-1.61	1.63	1.63

Source: Unpublished Statistics Canada data.

Note: Geometric depreciation

Table 10i: Real Depreciation, Machinery and Equipment, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	13,825	4,464	1,266	150	219	898
1973	25,838	8,680	2,602	259	559	1,784
1981	40,436	11,675	3,076	331	716	2,029
1982	42,052	12,185	3,202	293	698	2,211
1983	42,477	12,118	3,114	245	662	2,207
1984	42,798	11,798	2,966	218	636	2,112
1985	43,292	11,680	2,956	204	619	2,132
1986	44,124	12,053	3,034	197	614	2,223
1987	45,612	12,701	3,205	200	651	2,354
1988	48,345	13,523	3,583	204	751	2,628
1989	51,935	14,683	4,183	208	842	3,133
1990	54,435	15,753	4,722	206	877	3,638
1991	55,607	16,358	4,856	181	857	3,819
1992	56,333	16,407	4,686	165	805	3,716
1993	56,911	16,093	4,471	193	787	3,491
1994	57,941	15,977	4,381	243	845	3,293
1995	59,661	16,247	4,534	279	1,003	3,252
1996	61,386	16,637	4,709	289	1,129	3,291
1997	64,402	17,164	4,720	281	1,173	3,266
1998	69,037	17,895	4,623	276	1,183	3,165
1999	74,412	18,501	4,435	280	1,148	3,008
2000	80,025	18,882	4,318	279	1,172	2,866
2001	84,454	18,798	4,166	267	1,182	2,717
2002	86,993	18,256	3,872	253	1,105	2,514
2003	89,302	18,030	3,710	247	1,067	2,396
2004	93,362	18,209	3,637	246	1,099	2,293
2005	99,709	18,614	3,573	245	1,181	2,146
2006	107,452	19,198	3,559	246	1,272	2,041
2007	116,404	20,006	3,572	249	1,369	1,955

Compound Annual Growth Rate

1961-2007	4.74	3.31	2.28	1.11	4.07	1.71
1961-1973	5.35	5.70	6.19	4.69	8.12	5.89
1973-1981	5.76	3.78	2.11	3.09	3.16	1.62
1981-1989	3.18	2.91	3.92	-5.63	2.04	5.58
1989-2007	4.59	1.73	-0.87	1.01	2.74	-2.59
1989-2000	4.01	2.31	0.29	2.72	3.05	-0.80
2000-2007	5.50	0.83	-2.67	-1.62	2.24	-5.32

Source: Unpublished Statistics Canada data.

Note: Geometric depreciation

Table 10j: Real Depreciation, Engineering Construction, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	10,331	510	135	94	12	29
1973	18,430	865	224	154	20	50
1981	25,840	1,122	254	180	27	47
1982	27,100	1,195	253	178	27	48
1983	28,015	1,244	247	174	25	48
1984	28,692	1,225	241	170	24	47
1985	29,397	1,171	237	168	24	45
1986	29,809	1,120	234	167	23	44
1987	29,842	1,091	232	166	23	43
1988	29,973	1,077	232	166	23	43
1989	30,215	1,074	234	166	23	45
1990	30,489	1,084	238	165	23	50
1991	30,878	1,093	238	160	23	55
1992	31,107	1,081	233	155	22	56
1993	31,287	1,035	228	151	21	56
1994	31,939	978	225	150	21	54
1995	32,849	920	223	147	23	53
1996	33,591	874	227	144	24	59
1997	34,436	836	230	144	23	63
1998	35,335	796	229	144	23	62
1999	36,005	772	229	146	23	60
2000	36,875	780	231	148	23	60
2001	38,090	788	233	148	24	60
2002	39,116	788	231	146	26	60
2003	40,036	784	230	144	27	60
2004	41,304	760	231	142	29	60
2005	43,119	728	231	140	32	60
2006	45,508	693	227	136	34	57
2007	47,734	664	219	130	35	53

Compound Annual Growth Rate

1961-2007	3.38	0.58	1.05	0.71	2.30	1.34
1961-1973	4.94	4.51	4.29	4.19	3.92	4.75
1973-1981	4.31	3.30	1.60	1.98	4.17	-0.88
1981-1989	1.97	-0.54	-1.04	-1.01	-2.19	-0.51
1989-2000	1.83	-2.87	-0.10	-1.03	0.19	2.65
2000-2007	3.76	-2.27	-0.81	-1.82	6.11	-1.71

Source: Unpublished Statistics Canada data.

Note: Geometric depreciation

Table 10k: Real Depreciation, Building Construction, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	6,050	1,347	236	23	58	155
1973	10,909	2,124	421	24	106	291
1981	14,393	2,569	471	29	141	301
1982	14,852	2,659	493	28	142	323
1983	15,122	2,654	492	27	139	326
1984	15,383	2,625	480	26	135	318
1985	15,781	2,675	475	25	132	318
1986	16,280	2,758	475	24	130	321
1987	16,839	2,819	476	23	133	320
1988	17,510	2,886	500	22	142	336
1989	18,277	2,993	560	21	154	385
1990	19,047	3,112	607	20	162	425
1991	19,644	3,174	628	19	163	446
1992	19,983	3,157	655	18	164	472
1993	20,163	3,092	667	17	166	483
1994	20,355	3,054	663	17	172	475
1995	20,585	3,070	688	16	183	489
1996	20,861	3,145	725	15	193	516
1997	21,323	3,261	736	14	204	518
1998	21,829	3,331	724	13	212	499
1999	22,309	3,373	703	13	218	472
2000	22,740	3,432	698	12	226	460
2001	23,096	3,448	684	12	225	447
2002	23,458	3,395	647	12	215	420
2003	23,749	3,310	610	12	205	393
2004	24,019	3,207	584	13	199	372
2005	24,288	3,083	562	13	198	350
2006	24,555	2,950	531	13	195	323
2007	24,880	2,823	497	13	188	296

Compound Annual Growth Rate

1961-2007	3.12	1.62	1.64	-1.19	2.59	1.43
1961-1973	5.03	3.87	4.95	0.43	5.13	5.41
1973-1981	3.53	2.41	1.41	2.19	3.63	0.43
1981-1989	3.03	1.93	2.20	-3.98	1.12	3.14
1989-2000	2.01	1.25	2.02	-4.53	3.54	1.62
2000-2007	1.29	-2.75	-4.72	0.82	-2.58	-6.08

Source: Unpublished Statistics Canada data.

Note: Geometric depreciation

Table 10I: Real Net Investment, All Components, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	11,469	78	900	41	24	835
1973	24,628	3,112	2,101	293	680	1,128
1981	34,453	6,560	3,237	-82	40	3,279
1982	19,297	1,945	1,886	-282	-240	2,409
1983	8,316	-2,819	361	-232	-286	880
1984	8,031	-3,030	768	-136	-183	1,087
1985	13,000	445	2,054	-106	-157	2,317
1986	11,101	3,271	2,066	-66	11	2,121
1987	14,538	3,512	3,298	-26	406	2,917
1988	25,934	5,593	5,163	-20	808	4,375
1989	27,060	7,779	7,086	-25	401	6,710
1990	21,661	4,639	4,998	-77	93	4,982
1991	16,215	1,342	2,856	-229	-349	3,434
1992	4,174	-3,950	1,863	-64	-244	2,170
1993	487	-4,510	1,583	91	-36	1,527
1994	7,862	-1,538	2,317	131	575	1,611
1995	7,013	294	4,192	10	1,050	3,132
1996	5,651	732	2,605	-34	177	2,462
1997	20,248	2,354	1,974	-68	275	1,767
1998	18,171	1,381	782	-12	-197	991
1999	21,766	730	614	5	-229	839
2000	20,688	876	1,639	-9	483	1,164
2001	17,166	-4,104	-157	-122	-520	485
2002	9,689	-4,495	-361	-23	-517	179
2003	17,569	-1,455	886	-30	-132	1,049
2004	26,117	-1,866	265	-27	134	158
2005	37,759	-840	522	-33	369	186
2006	44,358	-269	158	-50	218	-10
2007	47,843	1,495	278	-54	297	35
Annual Averages						
1961-2007	19,794	1,449	1,923	2	125	1,796
1961-1973	19,525	2,845	2,058	95	214	1,749
1973-1981	25,489	2,970	1,783	73	173	1,538
1981-1989	17,970	2,584	2,880	-108	89	2,899
1989-2000	14,250	844	2,709	-23	167	2,566
2000-2007	27,649	-1,332	404	-43	42	406

Source: Unpublished Statistics Canada data.

Note: Geometric depreciation

Table 10m: Real Net Investment, Machinery and Equipment, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	-289	172	10	-28	14	23
1973	9,896	2,337	434	171	519	-257
1981	12,449	4,519	1,387	-68	15	1,440
1982	3,213	819	108	-201	-214	523
1983	-741	-2,094	-1,096	-151	-211	-735
1984	-456	-2,234	-684	-64	-122	-499
1985	1,564	68	409	-61	-107	578
1986	4,197	3,192	330	-19	22	328
1987	6,182	3,245	1,405	5	354	1,045
1988	14,131	5,135	2,613	-9	698	1,924
1989	13,971	6,472	3,716	15	259	3,441
1990	8,608	3,726	1,765	-24	81	1,707
1991	5,791	1,368	-561	-126	-327	-108
1992	1,561	-2,707	-1,534	26	-242	-1,318
1993	-1,657	-2,780	-1,321	137	-32	-1,426
1994	1,515	-601	-297	176	499	-972
1995	2,322	947	1,174	79	915	180
1996	2,504	338	-77	25	137	-239
1997	12,201	2,062	-397	-47	172	-522
1998	11,796	1,801	-1,170	18	-207	-981
1999	13,797	646	-1,306	2	-281	-1,027
2000	12,878	353	-352	-9	412	-755
2001	6,534	-3,447	-1,519	-76	-429	-1,015
2002	2,322	-3,579	-1,564	2	-399	-1,166
2003	8,459	-163	-282	0	-61	-221
2004	14,074	-282	-922	0	136	-1,058
2005	20,498	1,053	-302	3	340	-644
2006	21,897	1,498	-304	22	268	-594
2007	27,615	3,127	11	5	374	-368
Annual Averages						
1961-2007	7,379	1,216	163	5	97	60
1961-1973	4,893	1,826	568	31	159	378
1973-1981	8,703	1,974	320	32	110	177
1981-1989	6,057	2,125	910	-61	77	894
1989-2000	7,107	969	-30	23	115	-168
2000-2007	14,285	-180	-654	-7	80	-728

Source: Unpublished Statistics Canada data.

Note: Geometric depreciation

Table 10n: Real Net Investment, Engineering Construction, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	7,165	-99	94	74	-2	23
1973	9,157	481	160	109	25	25
1981	13,512	507	10	-19	4	26
1982	11,586	648	-87	-64	-19	-4
1983	5,886	9	-93	-61	-17	-14
1984	4,144	-640	-87	-55	-13	-19
1985	4,467	-669	-44	-29	-3	-11
1986	-696	-573	-60	-26	-6	-27
1987	-1,138	-253	-25	-15	-9	-1
1988	1,318	-259	-3	1	-2	-3
1989	1,884	-20	3	-24	2	25
1990	3,199	13	40	-42	1	81
1991	4,631	7	-90	-89	-12	12
1992	686	-400	-85	-77	-13	5
1993	1,194	-613	-61	-31	-5	-25
1994	4,798	-602	-55	-35	-2	-18
1995	4,021	-614	-40	-57	27	-9
1996	1,304	-354	53	-46	-10	108
1997	3,383	-436	-14	-8	-7	1
1998	2,870	-420	-46	-21	-5	-20
1999	2,588	-126	-17	9	0	-26
2000	5,522	201	24	7	1	16
2001	6,949	-132	-40	-38	17	-19
2002	3,723	66	-19	-31	5	7
2003	6,616	-209	-22	-26	11	-6
2004	8,825	-303	-2	-41	36	3
2005	14,496	-383	-27	-34	22	-15
2006	19,001	-339	-100	-69	10	-41
2007	15,743	-265	-87	-56	7	-38
Annual Averages						
1961-2007	6,941	4	8	1	4	3
1961-1973	8,228	306	89	63	7	19
1973-1981	10,159	373	40	34	11	-5
1981-1989	4,551	-139	-43	-33	-7	-3
1989-2000	3,007	-280	-24	-35	-2	13
2000-2007	10,109	-170	-34	-36	14	-12

Source: Unpublished Statistics Canada data.

Note: Geometric depreciation

Table 10o: Real Net Investment, Building Construction, Forest Products Sector, Canada, Millions of Constant Dollars, 1961-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1961	4,593	5	4	-5	13	-3
1973	5,576	293	67	13	135	-82
1981	8,492	1,534	347	5	22	321
1982	4,498	478	151	-17	-7	175
1983	3,172	-734	-203	-20	-58	-124
1984	4,342	-157	-142	-17	-48	-76
1985	6,969	1,045	-32	-16	-46	30
1986	7,601	653	-24	-20	-4	1
1987	9,494	520	8	-16	62	-38
1988	10,485	718	460	-12	112	360
1989	11,205	1,327	823	-16	140	699
1990	9,854	900	141	-11	11	142
1991	5,793	-33	229	-14	-10	252
1992	1,926	-843	229	-13	12	230
1993	950	-1,117	-90	-15	1	-77
1994	1,550	-336	-115	-10	78	-183
1995	670	-39	472	-12	108	376
1996	1,843	748	110	-14	51	73
1997	4,664	728	-62	-12	110	-159
1998	3,505	1	-308	-9	16	-315
1999	5,381	211	-215	-7	52	-261
2000	2,288	322	1	-7	70	-62
2001	3,682	-525	-390	-9	-108	-274
2002	3,644	-982	-427	7	-123	-310
2003	2,494	-1,083	-360	-4	-82	-274
2004	3,218	-1,281	-209	14	-38	-186
2005	2,766	-1,510	-294	-1	8	-300
2006	3,460	-1,428	-356	-3	-60	-294
2007	4,485	-1,367	-357	-2	-84	-271
Annual Averages						
1961-2007	5,474	230	39	-4	24	20
1961-1973	6,404	713	170	1	48	122
1973-1981	6,628	623	74	7	51	16
1981-1989	7,362	598	154	-14	19	150
1989-2000	4,136	156	101	-12	53	60
2000-2007	3,255	-982	-299	-1	-52	-246

Source: Unpublished Statistics Canada data.

Note: Geometric depreciation

Table 10p: Real Gross Investment, Machinery and Equipment, Forest Products Sector, Canada, As a Share of GDP, Constant 2002 Dollars, per cent 1981-2007

	All Industries, Total Economy (as a Share of All Industries GDP)	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1989	8.64	16.33	32.44	3.66	13.10	66.67
1990	8.22	15.61	28.49	3.48	12.25	55.14
1991	8.12	15.28	20.80	1.21	7.64	40.35
1992	7.59	11.63	14.78	4.17	7.72	25.37
1993	7.07	10.72	13.87	6.71	9.86	20.36
1994	7.28	11.51	17.33	8.21	17.24	21.77
1995	7.40	12.26	24.23	6.79	24.80	32.52
1996	7.52	11.97	19.69	6.51	15.89	28.43
1997	8.65	12.73	17.15	4.59	14.50	25.32
1998	8.78	12.42	13.60	5.70	10.07	20.71
1999	9.08	11.17	11.51	5.27	8.40	17.18
2000	9.06	10.09	13.62	4.77	13.85	17.59
2001	8.74	8.47	9.51	3.37	6.93	15.09
2002	8.36	8.03	7.74	4.32	5.84	11.36
2003	8.96	9.86	11.51	4.30	8.28	18.29
2004	9.53	9.70	8.79	3.96	9.74	10.27
2005	10.35	10.48	10.69	4.01	11.83	12.98
2006	10.82	11.08	11.30	4.51	12.55	13.66
2007	11.75	12.51	13.53	4.78	15.84	15.59
Arithmetic Mean						
1981-2007	8.35	11.97	..	..	11.51	26.22
1981-1989	7.56	13.09	..	..	10.85	34.00
1989-2007	8.73	11.68	15.82	4.75	11.91	24.67
1989-2000	8.12	12.64	18.96	5.09	12.94	30.95
2000-2007	9.70	10.03	10.84	4.26	10.61	14.35

Source: Appendix Tables 1a and 10a

Table 10q: Real Depreciation, Machinery and Equipment, Forest Products Sector, Canada, As a Share of GDP, Constant 2002 Dollars, per cent 1981-2007

	All Industries, Total Economy (as a Share of All Industries GDP)	Manufacturing	Forest Products Sector			
			Total, Forest Products Sector	Forestry and Logging [113]	Wood Product Manufacturing [321]	Paper Manufacturing [322]
1989	6.81	11.33	17.18	3.42	10.01	31.77
1990	7.10	12.62	20.74	3.93	11.21	37.53
1991	7.35	14.10	23.52	4.00	12.36	41.53
1992	7.39	13.93	21.97	3.61	11.03	39.32
1993	7.28	12.96	19.68	3.92	10.28	34.42
1994	7.10	11.96	18.59	4.75	10.84	30.89
1995	7.12	11.58	19.25	5.29	12.97	30.81
1996	7.22	11.73	20.02	5.98	14.17	30.66
1997	7.27	11.36	18.73	5.52	12.65	30.13
1998	7.50	11.28	18.21	5.34	12.20	30.02
1999	7.66	10.79	16.31	5.23	11.13	26.09
2000	7.80	9.91	14.83	4.93	10.24	23.89
2001	8.11	10.37	14.97	4.70	10.88	24.08
2002	8.14	9.99	12.98	4.29	9.15	21.19
2003	8.18	9.95	12.45	4.29	8.79	20.15
2004	8.28	9.85	11.77	3.97	8.67	19.06
2005	8.59	9.92	11.67	3.97	9.19	18.54
2006	8.99	10.28	12.36	4.15	10.36	19.27
2007	9.50	10.82	13.49	4.70	12.44	19.20
Arithmetic Mean						
1981-2007	7.44	11.32	..	..	10.81	26.67
1981-1989	6.69	11.34	..	..	10.38	24.81
1989-2007	7.76	11.30	16.77	4.53	10.98	27.82
1989-2000	7.30	11.96	19.08	4.66	11.59	32.26
2000-2007	8.45	10.14	13.07	4.38	9.96	20.67

Source: Appendix Tables 1a and 10i

Table 11: Educational Attainment, Number of Workers by Highest Educational Attainment, All Industries, Thousands, 1990-2007

	All levels of education	Less than Post-Secondary Certificate or Diploma	0 to 8 Years	Some High School	High School Graduate	Some Post Secondary	Post-Secondary Certificate or Diploma	University Degree	Bachelors Degree	Above Bachelors Degree
1990	13,086	7,744	965	2,528	2,978	1,273	3,448	1,895	1,293	601
1991	12,857	7,476	877	2,380	2,945	1,275	3,441	1,940	1,324	616
1992	12,731	7,214	826	2,186	2,954	1,248	3,464	2,053	1,406	647
1993	12,793	7,012	725	2,085	2,960	1,242	3,575	2,206	1,510	696
1994	13,059	6,877	737	2,082	2,830	1,228	3,861	2,321	1,555	767
1995	13,295	6,833	679	2,042	2,833	1,280	4,071	2,392	1,632	760
1996	13,421	6,799	651	1,963	2,900	1,285	4,189	2,434	1,643	791
1997	13,706	6,657	615	1,910	2,808	1,324	4,499	2,550	1,725	826
1998	14,046	6,730	602	1,924	2,868	1,336	4,669	2,646	1,818	829
1999	14,407	6,879	582	1,953	2,999	1,344	4,760	2,768	1,878	890
2000	14,764	7,049	548	1,944	3,110	1,447	4,798	2,917	1,958	959
2001	14,946	6,909	494	1,901	3,102	1,412	5,010	3,027	2,056	971
2002	15,310	7,009	497	1,884	3,188	1,439	5,172	3,130	2,149	981
2003	15,672	7,052	500	1,828	3,164	1,561	5,338	3,282	2,260	1,022
2004	15,947	7,125	500	1,789	3,243	1,593	5,439	3,384	2,360	1,024
2005	16,170	6,972	465	1,741	3,364	1,401	5,592	3,607	2,475	1,131
2006	16,484	6,982	456	1,777	3,395	1,355	5,693	3,809	2,646	1,163
2007	16,866	6,999	431	1,748	3,432	1,387	5,907	3,961	2,762	1,199
Total Growth Rate, per cent										
1990-2007	28.9	-0.59	-55.3	-30.8	15.2	9.0	71.3	109.1	113.6	99.3
1990-2000	12.8	-0.94	-43.2	-23.1	4.4	13.7	39.2	54.0	51.4	59.5
2000-2007	14.2	-0.10	-21.3	-10.1	10.4	-4.1	23.1	35.8	41.1	25.0

Source: Statistics Canada Labour Force Survey

Table 11a: Educational Attainment, Number of Workers by Highest Educational Attainment, Forest Products Sector, Thousands, 1990-2007

	All levels of education	Less than Post-Secondary Certificate or Diploma	0 to 8 Years	Some High School	High School Graduate	Some Post Secondary	Post-Secondary Certificate or Diploma	University Degree	Bachelors Degree	Above Bachelors Degree*
1990	316.4	220.6	40.1	77.4	79.1	24.0	79.2	16.8	13.2	0.0
1991	287.5	203.2	33.8	73.1	71.5	24.8	70.7	12.5	10.0	2.1
1992	277.0	190.7	34.8	64.9	69.9	21.1	70.7	14.5	11.3	2.9
1993	291.1	199.4	28.7	69.0	76.0	25.7	73.6	18.1	14.9	2.5
1994	313.9	204.2	35.0	73.7	73.8	21.7	92.3	17.5	13.1	3.7
1995	324.7	208.2	30.2	75.5	83.2	19.3	97.8	18.7	14.2	2.7
1996	319.1	205.5	30.6	69.9	81.5	23.5	95.0	18.5	14.7	2.5
1997	314.0	190.3	29.4	62.9	72.4	25.6	102.7	21.0	17.7	3.3
1998	330.6	200.6	29.1	66.5	81.0	24.0	110.9	19.3	15.0	2.3
1999	330.8	207.3	29.9	64.4	85.9	27.1	101.5	22.0	16.5	5.0
2000	338.1	207.6	26.1	67.7	85.2	28.6	107.8	22.6	19.2	2.0
2001	321.3	195.6	23.1	64.4	81.3	26.8	105.4	20.1	16.8	1.7
2002	334.4	200.3	26.6	63.2	86.7	23.8	112.8	21.1	17.7	2.1
2003	349.3	205.0	25.8	66.8	83.4	29.0	118.4	25.9	20.3	4.8
2004	342.0	201.3	23.9	67.4	82.1	27.9	116.4	24.3	18.6	5.1
2005	316.7	177.2	21.7	54.2	79.2	22.1	114.1	25.4	20.4	4.4
2006	302.1	172.4	19.0	51.4	78.7	23.3	104.1	25.7	20.3	5.2
2007	273.2	147.8	12.6	47.1	69.1	19.0	100.9	23.3	17.7	5.3
Compound Annual Growth Rate										
1990-2007	-0.86	-2.33	-6.58	-2.88	-0.79	-1.36	1.43	1.94	1.74	..
1990-2000	0.7	-0.61	-4.2	-1.3	0.7	1.8	3.1	3.0	3.8	..
2000-2007	-3.0	-4.74	-9.9	-5.1	-2.9	-5.7	-0.9	0.4	-1.2	14.9

Source: Statistics Canada Labour Force Survey, Calculated by CSLS from Tables 11b, 11c, and 11d.

Notes:

- 0.0 are estimates with less than 1,500 employed.
- Caution: Data with 3 and 4 digits NAICS should be used with prudence. Data with a higher variability is reliable enough for some purposes, however it should be used with great caution. Therefore, in any subsequent use, specific reference should be made to the high sampling variability of data.

*Growth rate based on 1991 rather than 1990 estimate

Table 11b: Educational Attainment, Number of Workers by Highest Educational Attainment, Forestry and Logging [113], Thousands, 1990-2007

	All levels of education	Less than Post-Secondary Certificate or Diploma	0 to 8 Years	Some High School	High School Graduate	Some Post Secondary	Post-Secondary Certificate or Diploma	University Degree	Bachelors Degree	Above Bachelors Degree
1990	53.2	41.4	11.8	15.8	10.5	3.3	9.8	2.1	0.0	0.0
1991	50.9	41.2	11.0	17.0	9.5	3.7	8.5	0.0	0.0	0.0
1992	51.4	41.7	12.0	15.9	10.9	2.9	8.4	0.0	0.0	0.0
1993	52.8	40.3	9.7	17.3	9.7	3.6	10.5	2.0	1.8	0.0
1994	62.9	47.5	12.3	18.7	12.0	4.5	12.8	2.6	1.9	0.0
1995	71.5	52.8	11.4	22.8	15.5	3.1	16.1	2.6	1.9	0.0
1996	64.1	45.7	10.0	16.1	15.0	4.6	16.3	2.1	1.9	0.0
1997	58.2	40.6	11.2	14.5	11.0	3.9	15.8	1.8	1.7	0.0
1998	60.5	40.2	9.1	15.8	12.5	2.8	18.1	2.3	1.7	0.0
1999	59.4	40.6	9.3	15.3	12.1	3.9	15.7	3.2	2.5	0.0
2000	57.1	39.5	7.9	15.3	11.9	4.4	14.5	3.0	2.6	0.0
2001	51.3	35.8	7.1	14.9	10.3	3.5	13.4	2.0	1.7	0.0
2002	52.7	35.9	7.6	13.3	11.3	3.7	14.8	2.0	1.7	0.0
2003	55.8	36.9	6.9	15.2	10.9	3.9	16.3	2.6	1.8	0.0
2004	51.9	35.2	7.1	14.2	10.1	3.8	14.1	2.6	2.0	0.0
2005	46.3	29.9	5.5	10.8	11.1	2.5	13.6	2.8	2.2	0.0
2006	41.5	28.2	5.9	10.1	9.5	2.7	11.8	1.6	1.5	0.0
2007	39.7	27.0	4.1	11.7	9.1	2.1	10.9	1.8	1.5	0.0
Compound Annual Growth Rate										
1990-2007	-1.71	-2.48	-6.03	-1.75	-0.84	-2.62	0.63	-0.90	..	..
1990-2000	0.71	-0.47	-3.93	-0.32	1.26	2.92	4.00	3.63	..	..
2000-2007	-5.06	-5.29	-8.94	-3.76	-3.76	-10.03	-3.99	-7.04	-7.56	..

Source: Statistics Canada Labour Force Survey

Notes:

- 0.0 are estimates with less than 1,500 employed.
- Caution: Data with 3 and 4 digits NAICS should be used with prudence. Data with a higher variability is reliable enough for some purposes, however it should be used with great caution. Therefore, in any subsequent use, specific reference should be made to the high sampling variability of data.

Table 11c: Educational Attainment, Number of Workers by Highest Educational Attainment, Wood Product Manufacturing [321], Thousands, 1990-2007

	All levels of education	Less than Post-Secondary Certificate or Diploma	0 to 8 Years	Some High School	High School Graduate	Some Post Secondary	Post-Secondary Certificate or Diploma	University Degree	Bachelors Degree	Above Bachelors Degree
1990	123.1	89.8	15.8	35.1	28.9	10.0	28.6	4.8	4.0	0.0
1991	108.6	81.5	12.6	28.9	29.2	10.8	23.6	3.6	3.2	0.0
1992	109.4	81.7	14.2	28.9	29.7	8.9	24.3	3.5	3.2	0.0
1993	117.0	87.8	13.4	29.5	33.3	11.6	24.4	4.8	4.3	0.0
1994	126.8	88.1	14.4	34.1	31.4	8.2	33.7	5.0	3.5	1.5
1995	131.8	88.4	13.7	33.1	34.0	7.6	37.3	6.1	4.9	0.0
1996	136.6	96.0	15.3	34.3	36.1	10.3	34.2	6.4	5.3	0.0
1997	139.8	90.6	13.9	32.9	32.4	11.4	40.8	8.4	6.7	1.7
1998	148.4	99.0	13.7	34.4	40.0	10.9	43.1	6.5	5.1	0.0
1999	154.1	105.8	16.0	34.8	41.8	13.2	40.2	8.0	6.2	1.9
2000	165.3	107.2	14.6	37.1	40.3	15.2	51.0	7.1	6.1	0.0
2001	161.5	105.8	12.4	36.9	43.0	13.5	47.1	8.5	7.2	0.0
2002	175.3	113.5	16.1	38.2	46.1	13.1	53.1	8.7	7.7	0.0
2003	185.3	116.7	16.1	38.6	47.2	14.8	58.6	10.0	7.9	2.1
2004	186.3	121.5	15.1	39.9	50.4	16.1	54.2	10.6	8.2	2.4
2005	169.2	102.8	12.5	33.2	43.0	14.1	55.1	11.3	9.6	1.7
2006	166.5	101.9	10.2	32.3	45.4	14.0	54.2	10.3	8.3	2.0
2007	146.4	84.8	8.5	25.8	39.1	11.4	51.5	10.2	7.7	2.5
Compound Annual Growth Rate										
1990-2007	1.02	-0.34	-3.58	-1.79	1.79	0.77	3.52	4.53	3.93	..
1990-2000	2.99	1.79	-0.79	0.56	3.38	4.28	5.95	3.99	4.31	..
2000-2007	-1.72	-3.29	-7.44	-5.06	-0.43	-4.03	0.14	5.31	3.38	..

Source: Statistics Canada Labour Force Survey

Notes:

1. 0.0 are estimates with less than 1,500 employed.
2. Caution: Data with 3 and 4 digits NAICS should be used with prudence. Data with a higher variability is reliable enough for some purposes, however it should be used with great caution. Therefore, in any subsequent use, specific reference should be made to the high sampling variability of data.

Table 11d: Educational Attainment, Number of Workers by Highest Educational Attainment, Paper Manufacturing [322], Thousands, 1990-2007

	All levels of education	Less than Post-Secondary Certificate or Diploma	0 to 8 Years	Some High School	High School Graduate	Some Post Secondary	Post-Secondary Certificate or Diploma	University Degree	Bachelors Degree	Above Bachelors Degree*
1990	140.1	89.4	12.5	26.5	39.7	10.7	40.8	9.9	9.2	0.0
1991	128.0	80.5	10.2	27.2	32.8	10.3	38.6	8.9	6.8	2.1
1992	116.2	67.3	8.6	20.1	29.3	9.3	38.0	11.0	8.1	2.9
1993	121.3	71.3	5.6	22.2	33.0	10.5	38.7	11.3	8.8	2.5
1994	124.2	68.6	8.3	20.9	30.4	9.0	45.8	9.9	7.7	2.2
1995	121.4	67.0	5.1	19.6	33.7	8.6	44.4	10.0	7.4	2.7
1996	118.4	63.8	5.3	19.5	30.4	8.6	44.5	10.0	7.5	2.5
1997	116.0	59.1	4.3	15.5	29.0	10.3	46.1	10.8	9.3	1.6
1998	121.7	61.4	6.3	16.3	28.5	10.3	49.7	10.5	8.2	2.3
1999	117.3	60.9	4.6	14.3	32.0	10.0	45.6	10.8	7.8	3.1
2000	115.7	60.9	3.6	15.3	33.0	9.0	42.3	12.5	10.5	2.0
2001	108.5	54.0	3.6	12.6	28.0	9.8	44.9	9.6	7.9	1.7
2002	106.4	50.9	2.9	11.7	29.3	7.0	44.9	10.4	8.3	2.1
2003	108.2	51.4	2.8	13.0	25.3	10.3	43.5	13.3	10.6	2.7
2004	103.8	44.6	1.7	13.3	21.6	8.0	48.1	11.1	8.4	2.7
2005	101.2	44.5	3.7	10.2	25.1	5.5	45.4	11.3	8.6	2.7
2006	94.1	42.3	2.9	9.0	23.8	6.6	38.1	13.8	10.5	3.2
2007	87.1	36.0	0.0	9.6	20.9	5.5	38.5	11.3	8.5	2.8
Compound Annual Growth Rate										
1990-2007	-2.76	-5.21	..	-5.80	-3.70	-3.84	-0.34	0.78	-0.46	..
1990-2000	-1.90	-3.77	-11.70	-5.34	-1.83	-1.72	0.36	2.36	1.33	..
2000-2007	-3.98	-7.24	..	-6.44	-6.32	-6.79	-1.34	-1.43	-2.97	4.92

Source: Statistics Canada Labour Force Survey

Notes:

1. 0.0 are estimates with less than 1,500 employed.
2. Caution: Data with 3 and 4 digits NAICS should be used with prudence. Data with a higher variability is reliable enough for some purposes, however it should be used with great caution. Therefore, in any subsequent use, specific reference should be made to the high sampling variability of data.

*Growth rate based on 1991 rather than 1990 estimate

Table 11e: Educational Attainment of Workers, Forest Products Sector, Canada, per cent, 1990-2007

	All Industries, Total Economy		Forest Products Sector		Forestry and Logging		Wood Product Manufacturing		Paper Manufacturing	
	Less than Post-Secondary Certificate or Diploma	Post-Secondary Certificate, Diploma, or Degree	Less than Post-Secondary Certificate or Diploma	Post-Secondary Certificate, Diploma, or Degree	Less than Post-Secondary Certificate or Diploma	Post-Secondary Certificate, Diploma, or Degree	Less than Post-Secondary Certificate or Diploma	Post-Secondary Certificate, Diploma, or Degree	Less than Post-Secondary Certificate or Diploma	Post-Secondary Certificate, Diploma, or Degree
1990	59.2	26.3	69.7	30.3	77.8	22.4	72.9	27.1	63.8	36.2
1991	58.1	26.8	70.7	28.9	80.9	16.7	75.0	25.0	62.9	37.1
1992	56.7	27.2	68.8	30.8	81.1	16.3	74.7	25.4	57.9	42.2
1993	54.8	27.9	68.5	31.5	76.3	23.7	75.0	25.0	58.8	41.2
1994	52.7	29.6	65.1	35.0	75.5	24.5	69.5	30.5	55.2	44.8
1995	51.4	30.6	64.1	35.9	73.8	26.2	67.1	32.9	55.2	44.8
1996	50.7	31.2	64.4	35.6	71.3	28.7	70.3	29.7	53.9	46.0
1997	48.6	32.8	60.6	39.4	69.8	30.2	64.8	35.2	50.9	49.1
1998	47.9	33.2	60.7	39.4	66.4	33.7	66.7	33.4	50.5	49.5
1999	47.7	33.0	62.7	37.3	68.4	31.8	68.7	31.3	51.9	48.1
2000	47.7	32.5	61.4	38.6	69.2	30.6	64.9	35.1	52.6	47.4
2001	46.2	33.5	60.9	39.1	69.8	30.0	65.5	34.4	49.8	50.2
2002	45.8	33.8	59.9	40.0	68.1	31.9	64.7	35.3	47.8	52.0
2003	45.0	34.1	58.7	41.3	66.1	33.9	63.0	37.0	47.5	52.5
2004	44.7	34.1	58.9	41.1	67.8	32.2	65.2	34.8	43.0	57.0
2005	43.1	34.6	56.0	44.0	64.6	35.4	60.8	39.2	44.0	56.0
2006	42.4	34.5	57.1	43.0	68.0	32.3	61.2	38.7	45.0	55.2
2007	41.5	35.0	54.1	45.5	68.0	32.0	57.9	42.1	41.3	57.2
Compound Annual Growth Rate										
1990-2007	-2.07	1.69	-1.48	2.41	-0.79	2.13	-1.35	2.62	-2.52	2.73
1990-2000	-2.12	2.12	-1.26	2.43	-1.17	3.20	-1.17	2.62	-1.91	2.73
2000-2007	-1.98	1.07	-1.79	2.38	-0.24	0.61	-1.60	2.63	-3.39	2.73

Source: Appendix Tables 11a, 11b, 11c, and 11d.

Table 12: Research and Development, Canada, All Industries Total, 1994-2007

	Total business enterprise research and development intramural expenditures	Business enterprise research and development current expenditures			Total business enterprise research and development capital expenditures	Research and Development Personnel			
		Total business enterprise research and development current expenditures	Wages and salaries	Other current expenditures		Total research and development personnel	Research and development professionals	Research and development technicians and technologists	Research and development other support staff
	(Millions of Current Dollars)					(Full-time equivalent personnel)			
1994	7,567	6,938	4,006	2,932	629	78,883	46,859	22,741	9,283
1995	7,991	7,286	4,136	3,150	705	82,012	48,975	23,282	9,755
1996	7,997	7,159	4,026	3,133	838	79,375	48,531	21,579	9,265
1997	8,739	7,874	4,375	3,499	865	82,643	51,962	21,565	9,116
1998	9,682	8,727	4,700	4,027	955	85,932	54,684	22,004	9,244
1999	10,399	9,361	5,009	4,352	1,039	91,308	58,002	22,812	10,494
2000	12,395	11,201	5,841	5,360	1,194	104,715	66,871	26,741	11,103
2001	14,266	12,767	6,913	5,853	1,499	115,696	73,117	29,661	12,918
2002	13,541	12,490	7,173	5,316	1,052	118,397	73,219	31,591	13,587
2003	14,039	13,062	7,556	5,506	977	126,431	75,855	34,570	16,006
2004	14,947	13,888	7,899	5,989	1,059	133,788	78,785	38,482	16,521
2005	15,356	14,246	8,313	5,932	1,110	137,686	81,955	39,491	16,240
2006	15,360	14,363	8,548	5,816	997	..	..	..	..
2007	15,773	14,846	8,810	6,037	927	..	..	..	..
Total Growth Rate, per cent									
1994-2007	108.4	114.0	119.9	105.9	47.4	..	..	..	..
1994-2000	63.8	61.4	45.8	82.8	89.8	32.7	42.7	17.6	19.6
2000-2007	27.3	32.5	50.8	12.6	-22.4	..	..	..	..
Compound Annual Growth Rate, per cent*									
1994-2007	5.81	6.03	6.25	5.71	3.03	5.19	5.21	5.15	5.22
1994-2000	8.57	8.31	6.49	10.58	11.27	4.83	6.11	2.74	3.03
2000-2007	3.50	4.11	6.05	1.71	-3.55	5.63	4.15	8.11	7.90

Source:

Calculated from Statistics Canada CANSIM Table 358-0024

Note:

*Compound annual growth rates for numbers of personnel are calculated based on periods ending in 2005

Table 12a: Research and Development, Canada, Manufacturing Total, 1994-2007

	Business enterprise research and development current expenditures				Total business enterprise research and development capital expenditures	Research and Development Personnel			
	Total business enterprise research and development intramural expenditures	Total business enterprise research and development current expenditures	Wages and salaries	Other current expenditures		Total research and development personnel	Research and development professionals	Research and development technicians and technologists	Research and development other support staff
	(Millions of Current Dollars)					(Full-time equivalent personnel)			
1994	4,529	4,240	2,372	1,868	289	43,040	25,897	11,583	5,560
1995	4,977	4,591	2,511	2,080	385	45,181	27,405	11,902	5,874
1996	5,116	4,679	2,533	2,147	437	46,004	28,437	11,672	5,895
1997	5,788	5,365	2,848	2,516	423	49,440	31,551	11,920	5,969
1998	6,505	5,999	3,072	2,927	506	51,268	32,851	12,587	5,830
1999	7,077	6,402	3,207	3,194	675	53,840	34,241	12,773	6,826
2000	8,509	7,717	3,762	3,955	792	61,190	39,176	14,751	7,263
2001	9,236	8,421	4,162	4,259	815	61,662	38,592	14,924	8,146
2002	8,241	7,683	4,098	3,586	558	60,817	37,177	15,667	7,973
2003	8,140	7,715	4,092	3,623	425	63,462	36,749	17,806	8,907
2004	8,177	7,782	4,198	3,584	395	67,290	37,686	19,953	9,651
2005	8,224	7,742	4,320	3,421	482	68,378	38,877	20,372	9,129
2006	8,095	7,720	4,387	3,333	375	..	..	..	..
2007	8,316	7,921	4,540	3,382	395	..	..	..	..
Total Growth Rate, per cent									
1994-2007	83.6	86.8	91.4	81.0	36.7	..	..	..	..
1994-2000	87.9	82.0	58.6	111.7	174.0	42.2	51.3	27.4	30.6
2000-2007	-2.3	2.6	20.7	-14.5	-50.1	..	..	..	..
Compound Annual Growth Rate, per cent*									
1994-2007	4.79	4.92	5.12	4.67	2.43	4.30	3.76	5.27	4.61
1994-2000	11.08	10.50	7.99	13.32	18.30	6.04	7.14	4.11	4.55
2000-2007	-0.33	0.37	2.72	-2.21	-9.46	2.25	-0.15	6.67	4.68

Source:

Calculated from Statistics Canada CANSIM Table 358-0024

Note:

*Compound annual growth rates for numbers of personnel are calculated based on periods ending in 2005

Table 12b: Research and Development, Canada, Forest Products Sector, 1994-2007

	Total business enterprise research and development intramural expenditures	Business enterprise research and development current expenditures			Total business enterprise research and development capital expenditures	Research and Development Personnel			
		Total business enterprise research and development current expenditures	Wages and salaries	Other current expenditures		Total research and development personnel	Research and development professionals	Research and development technicians and technologists	Research and development other support staff
(Millions of Current Dollars)					(Full-time equivalent personnel)				
1994	149.0	139.0	79.0	60.0	11.0	1,671	763	532	376
1995	174.0	159.0	85.0	74.0	14.0	1,604	700	546	358
1996	164.0	152.0	79.0	73.0	13.0	1,512	665	515	332
1997	182.0	166.0	86.0	81.0	15.0	1,586	682	578	326
1998	199.0	182.0	103.0	79.0	16.0	1,742	745	648	349
1999	180.0	168.0	98.0	70.0	12.0	1,800	769	679	352
2000	290.0	279.0	111.0	168.0	x	1,863	842	632	389
2001	483.0	475.0	145.0	330.0	x	2,444	862	725	857
2002	478.0	470.0	147.0	323.0	9.0	2,525	952	816	757
2003	507.0	497.0	156.0	343.0	10.0	2,795	1,149	1,120	526
2004	508.0	x	160.0	x	x	2,784	1,077	998	709
2005	437.0	428.0	160.0	269.0	8.0	2,835	1,125	1,044	666
2006	437.0	432.0	161.0	271.0	5.0	..	..	..	..
2007	442.0	437.0	165.0	272.0	5.0	..	..	..	..
Total Growth Rate, per cent									
1994-2007	196.6	214.4	108.9	353.3	-54.5	..	..	..	..
1994-2000**	20.8	100.7	40.5	180.0	9.1	11.5	10.4	18.8	3.5
2000-2007**	145.6	56.6	48.6	61.9	-58.3	..	..	..	..
Compound Annual Growth Rate, per cent*									
1994-2007	8.72	9.21	5.83	12.33	-5.88	4.92	3.59	6.32	5.33
1994-2000**	3.85	12.31	5.83	18.72	1.76	1.83	1.66	2.91	0.57
2000-2007**	11.88	6.62	5.83	7.13	-10.37	8.76	5.97	10.56	11.35

Source:

Calculated from Statistics Canada CANSIM Table 358-0024

Notes:

*Compound annual growth rates for numbers of personnel are calculated based on periods ending in 2005

**When data for 2000 were unavailable, data for 1999 were used.

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Table 12c: Research and Development, Canada, Forestry, Logging and Support Activities for Forestry, 1994-2007

	Total business enterprise research and development intramural expenditures	Business enterprise research and development current expenditures			Total business enterprise research and development capital expenditures	Research and Development Personnel			
		Total business enterprise research and development current expenditures	Wages and salaries	Other current expenditures		Total research and development personnel	Research and development professionals	Research and development technicians and technologists	Research and development other support staff
	(Millions of Current Dollars)					(Full-time equivalent personnel)			
1994	16.0	15.0	8.0	7.0	1.0	165	99	33	33
1995	14.0	13.0	8.0	5.0	1.0	151	90	35	26
1996	14.0	13.0	8.0	5.0	1.0	153	85	42	26
1997	17.0	16.0	10.0	7.0	1.0	188	99	55	34
1998	14.0	13.0	9.0	4.0	0.0	161	76	50	35
1999	20.0	19.0	10.0	9.0	1.0	191	90	64	37
2000	18.0	17.0	10.0	7.0	x	175	87	59	29
2001	15.0	15.0	10.0	5.0	1.0	170	107	43	20
2002	17.0	17.0	12.0	5.0	1.0	202	120	60	22
2003	21.0	21.0	14.0	7.0	0.0	266	155	64	47
2004	18.0	x	13.0	x	x	249	116	84	49
2005	19.0	18.0	13.0	6.0	0.0	222	117	75	30
2006	19.0	19.0	14.0	5.0	0.0	..	..	..	..
2007	19.0	19.0	14.0	5.0	0.0	..	..	..	..
Total Growth Rate, per cent									
1994-2007	18.8	26.7	75.0	-28.6	-100.0	..	..	..	..
1994-2000**	25.0	13.3	25.0	0.0	0.0	6.1	-12.1	78.8	-12.1
2000-2007**	-5.0	11.8	40.0	-28.6	-100.0	..	..	..	..
Compound Annual Growth Rate, per cent*									
1994-2007	1.33	1.84	4.40	-2.56	-100.00	2.73	1.53	7.75	-0.86
1994-2000**	4.56	2.11	3.79	0.00	0.00	0.99	-2.13	10.17	-2.13
2000-2007**	-0.64	1.60	4.92	-4.69	-100.00	4.87	6.10	4.92	0.68

Source:

Calculated from Statistics Canada CANSIM Table 358-0024

Notes:

*Compound annual growth rates for numbers of personnel are calculated based on periods ending in 2005

**When data for 2000 were unavailable, data for 1999 were used.

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Figure for "total business enterprise research and development intramural expenditures" assumed to equal figure for "total business enterprise research and development current expenditures" plus \$1 million for capital expenditures.

Table 12d: Research and Development, Canada, Wood Product Manufacturing, 1994-2007

	Total business enterprise research and development intramural expenditures	Business enterprise research and development current expenditures			Total business enterprise research and development capital expenditures	Research and Development Personnel			
		Total business enterprise research and development current expenditures	Wages and salaries	Other current expenditures		Total research and development personnel	Research and development professionals	Research and development technicians and technologists	Research and development other support staff
	(Millions of Current Dollars)					(Full-time equivalent personnel)			
1994	29.0	28.0	18.0	10.0	2.0	447	214	125	108
1995	33.0	31.0	19.0	12.0	1.0	444	185	153	106
1996	29.0	29.0	18.0	11.0	1.0	388	177	123	88
1997	35.0	34.0	21.0	13.0	0.0	438	195	146	97
1998	39.0	38.0	23.0	15.0	1.0	494	224	181	89
1999	47.0	44.0	27.0	17.0	3.0	583	243	207	133
2000	42.0	41.0	25.0	16.0	1.0	529	236	189	104
2001	48.0	47.0	25.0	22.0	x	552	210	203	139
2002	56.0	54.0	30.0	24.0	2.0	652	239	241	172
2003	66.0	62.0	36.0	27.0	4.0	826	339	284	203
2004	77.0	69.0	38.0	31.0	8.0	815	329	319	167
2005	96.0	94.0	49.0	45.0	2.0	976	413	377	186
2006	99.0	97.0	49.0	48.0	2.0	..	..	..	..
2007	102.0	100.0	51.0	49.0	2.0	..	..	..	..
Total Growth Rate, per cent									
1994-2007	251.7	257.1	183.3	390.0	0.0	..	..	..	..
1994-2000	44.8	46.4	38.9	60.0	-50.0	18.3	10.3	51.2	-3.7
2000-2007	142.9	143.9	104.0	206.3	100.0	..	..	..	..
Compound Annual Growth Rate, per cent*									
1994-2007	10.16	10.29	8.34	13.00	0.00	7.36	6.16	10.56	5.07
1994-2000	6.37	6.56	5.63	8.15	-10.91	2.85	1.64	7.13	-0.63
2000-2007	13.51	13.58	10.72	17.34	10.41	13.03	11.84	14.81	12.33

Source:

Calculated from Statistics Canada CANSIM Table 358-0024

Note:

*Compound annual growth rates for numbers of personnel are calculated based on periods ending in 2005

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Figure for "total business enterprise research and development intramural expenditures" assumed to equal figure for "total business enterprise research and development current expenditures" plus \$1 million for capital expenditures.

Table 12e: Research and Development, Canada, Paper Manufacturing, 1994-2007

	Business enterprise research and development current					Research and Development Personnel			
	Total business enterprise research and development intramural expenditures	Total business enterprise research and development current expenditures	Wages and salaries	Other current expenditures	Total business enterprise research and development capital expenditures	Total research and development personnel	Research and development professionals	Research and development technicians and technologists	Research and development other support staff
	(Millions of Current Dollars)					(Full-time equivalent personnel)			
1994	104.0	96.0	53.0	43.0	8.0	1,059	450	374	235
1995	127.0	115.0	58.0	57.0	12.0	1,009	425	358	226
1996	121.0	110.0	53.0	57.0	11.0	971	403	350	218
1997	130.0	116.0	55.0	61.0	14.0	960	388	377	195
1998	146.0	131.0	71.0	60.0	15.0	1,087	445	417	225
1999	113.0	105.0	61.0	44.0	8.0	1,026	436	408	182
2000	230.0	221.0	76.0	145.0	9.0	1,159	519	384	256
2001	420.0	413.0	110.0	303.0	7.0	1,722	545	479	698
2002	405.0	399.0	105.0	294.0	6.0	1,671	593	515	563
2003	420.0	414.0	106.0	309.0	6.0	1,703	655	772	276
2004	413.0	404.0	109.0	294.0	10.0	1,720	632	595	493
2005	322.0	316.0	98.0	218.0	6.0	1,637	595	592	450
2006	319.0	316.0	98.0	218.0	3.0	..	..	..	..
2007	321.0	318.0	100.0	218.0	3.0	..	..	..	..
Total Growth Rate, per cent									
1994-2007	208.7	231.3	88.7	407.0	-62.5	..	..	..	..
1994-2000	121.2	130.2	43.4	237.2	12.5	9.4	15.3	2.7	8.9
2000-2007	39.6	43.9	31.6	50.3	-66.7	..	..	..	..
Compound Annual Growth Rate, per cent*									
1994-2007	9.06	9.65	5.00	13.30	-7.27	4.04	2.57	4.26	6.08
1994-2000	14.14	14.91	6.19	22.46	1.98	1.52	2.41	0.44	1.44
2000-2007	4.88	5.34	4.00	6.00	-14.52	7.15	2.77	9.04	11.94

Source:

Calculated from Statistics Canada CANSIM Table 358-0024

Note:

*Compound annual growth rates for numbers of personnel are calculated based on periods ending in 2005

Table 12f: Total Business Enterprise Research and Development Intramural Expenditures, Forest Products Sector, Canada, as a Share of GDP, per cent, 1994-2007

	All Industries, Total Economy	Manufacturing	Forest Products Sector			
			Total Forest Products Sector	Forestry and Logging	Wood Product Manufacturing	Paper Manufacturing
1994	1.06	3.82	0.70	0.34	0.34	1.29
1995	1.06	3.72	0.63	0.25	0.44	0.88
1996	1.03	3.78	0.64	0.26	0.36	0.99
1997	1.07	4.07	0.71	0.31	0.38	1.20
1998	1.14	4.33	0.75	0.24	0.43	1.28
1999	1.14	4.16	0.62	0.36	0.39	0.99
2000	1.24	4.54	0.90	0.32	0.35	1.58
2001	1.38	5.13	1.61	0.29	0.42	3.10
2002	1.27	4.51	1.60	0.29	0.46	3.41
2003	1.24	4.51	1.83	0.39	0.57	3.92
2004	1.24	4.35	1.62	0.30	0.55	3.68
2005						
2006						
2007						

Source: Appendix Tables 1b, 12a, 12b, 12c, and 12d.

Table 12g: Business Enterprise Expenditures in Research & Development, Current US Dollars at Purchasing Power Parity, 1987-2004

		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Average 2000-2004	Average 1989-1999
Australia	Total	1,151	1,352	1,452	1,518	1,730	2,114	2,328	2,650	3,308	3,206	3,201	3,132	3,189	3,794	4,655	4,917	5,353	..	4,680	2,530
	Wood and Products of Wood and Cork	9	6	1	4	13	6	11	17	18	16	14	12	10	5	6	7	9	..	7	11
	Paper and Paper Products	17	17	12	23	40	27	68	43	123	130	75	53	69	72	58	66	85	..	70	60
Canada	Total	3,505	3,698	3,789	4,124	4,298	4,655	5,252	6,242	6,573	6,597	7,248	8,157	8,734	10,090	11,752	10,877	10,764	10,906	10,878	5,970
	Wood and Products of Wood and Cork	15	16	14	33	15	16	19	25	27	24	29	32	39	40	46	48	48	48	46	25
	Paper and Paper Products	70	116	120	92	78	76	84	87	107	103	114	130	98	177	335	291	302	328	287	99
Finland	Total	757	847	970	1,012	1,014	1,040	1,096	1,256	1,403	1,684	1,996	2,317	2,692	3,201	3,364	3,491	3,624	3,830	3,502	1,498
	Wood and Products of Wood and Cork	..	..	..	..	..	..	..	..	12	12	9	10	15	33	20	12	14	14	19	12
	Paper and Paper Products	..	..	..	..	..	..	..	..	66	73	80	81	86	77	74	84	99	100	87	77
France	Total	10,713	11,661	13,066	14,559	15,554	16,474	16,771	17,093	17,367	18,044	18,613	18,977	20,105	21,127	23,091	24,262	23,945	..	23,106	16,966
	Wood and Products of Wood and Cork	6	6	7	10	15	10	12	10	13	13	13	14	17	9	17	11	15	..	13	12
	Paper and Paper Products	36	35	38	40	43	46	52	55	51	54	58	55	64	57	49	72	62	..	60	51
Germany	Total	20,632	22,077	23,775	24,921	26,642	26,298	25,303	25,214	26,137	26,968	28,720	30,139	33,502	36,249	37,225	38,550	40,064	41,626	38,743	27,056
	Wood and Products of Wood and Cork	..	..	..	..	104	82	61	45	29	28	26	26	26	27	27	17	22	20	23	47
	Paper and Paper Products	..	..	..	..	..	..	..	..	76	68	60	69	80	83	81	75	162	151	110	71
Italy	Total	..	..	..	..	7,108	7,074	6,566	6,312	6,355	6,662	6,658	6,894	7,024	7,717	8,133	8,554	8,272	8,712	8,278	6,739
	Wood and Products of Wood and Cork	..	..	..	..	2	2	4	11	10	8	4	3	1	5	11	9	8	7	8	5
	Paper and Paper Products	..	..	..	..	2	1	1	7	11	7	13	15	16	18	23	18	27	16	20	8
Korea	Total	..	..	..	..	..	..	..	..	10,087	11,188	12,077	10,400	11,275	13,615	16,118	16,661	18,506	21,702	17,320	11,005
	Wood and Products of Wood and Cork	..	..	..	..	..	..	..	..	2	3	3	2	1	1	22	5	7	3	8	2
	Paper and Paper Products	..	..	..	..	..	..	..	..	30	37	36	23	15	16	16	19	23	14	18	28
Netherlands	Total	2,769	2,913	2,984	2,924	2,769	2,737	2,895	3,228	3,468	3,717	4,114	4,083	4,606	4,817	5,127	4,933	5,202	5,537	5,123	3,411
	Wood and Products of Wood and Cork	..	..	..	..	..	..	..	..	2	2	4	1	1	2	3	4	3	3	3	2
	Paper and Paper Products	..	..	..	..	..	..	..	..	11	10	14	11	17	12	15	12	10	26	15	13
Norway	Total	684	690	685	699	732	788	836	..	1,001	1,097	1,140	1,139	1,235	1,437	1,601	1,598	1,691	1,660	1,597	935
	Wood and Products of Wood and Cork	..	..	..	..	..	..	..	..	5	6	5	5	5	6	9	9	13	15	10	5
	Paper and Paper Products	..	..	..	..	..	..	..	..	20	22	23	23	24	25	26	22	28	24	25	22
Spain	Total	1,350	1,700	1,931	2,408	2,540	2,474	2,363	2,237	2,418	2,595	2,697	3,343	3,543	4,132	4,347	5,286	5,933	6,418	5,223	2,595
	Wood and Products of Wood and Cork	1	0	1	2	1	1	1	2	3	2	2	3	3	12	3	8	13	16	10	2
	Paper and Paper Products	8	8	11	13	13	11	13	10	11	16	19	77	33	22	17	17	17	29	20	21
Sweden	Total	2,581	2,709	2,831	2,978	3,095	3,369	3,696	4,197	4,676	5,137	5,348	5,493	6,096	7,256	8,042	7,853	7,737	..	7,722	4,265
	Wood and Products of Wood and Cork	2	4	4	3	2	2	3	6	9	10	9	6	6	11	17	20	22	..	18	5
	Paper and Paper Products	82	90	95	97	95	95	96	108	127	153	163	150	137	135	136	136	137	..	136	120
United States	Total	92,155	97,015	102,055	109,727	116,952	119,110	117,399	119,595	132,103	144,667	157,539	169,180	182,711	199,539	198,505	193,868	204,004	..	198,979	133,731
	Wood and Products of Wood and Cork	..	..	..	..	..	..	..	..	..	..	..	..	..	70	180	182	132	138	158	70
	Paper and Paper Products	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Source: OECD STAN Database: data extracted on 2008/09/17 18:06 from OECD.Stat

Table 13: Present Value of Timber Stocks , Canada and the Provinces, Method I, Millions of Current Dollars, 1961-2004

	Canada	NL	NS	NB	QC	ON	MB	SK	AB	BC
1961	11,940	470	0	638	3,848	2,850	41	0	14	4,079
1962	12,887	427	3	566	4,052	3,060	30	0	21	4,727
1963	13,708	419	43	584	4,148	3,175	42	7	86	5,203
1964	14,662	414	87	660	4,322	3,299	59	10	111	5,700
1965	15,188	409	100	662	4,473	3,362	67	13	117	5,985
1966	16,195	399	127	669	4,764	3,571	74	15	141	6,435
1967	15,610	356	126	639	4,815	3,563	80	6	168	6,559
1968	17,528	290	135	609	4,802	3,505	74	0	157	7,308
1969	19,224	225	166	539	4,850	3,530	69	3	163	8,075
1970	18,378	151	181	468	4,794	3,448	36	31	176	7,797
1971	17,757	45	148	297	4,583	3,233	6	27	205	7,841
1972	19,624	0	166	265	4,893	3,272	0	48	261	9,134
1973	24,804	0	267	438	5,799	3,881	0	156	363	12,005
1974	31,849	210	502	1,153	7,742	5,470	0	241	480	13,876
1975	35,839	266	749	1,618	8,888	6,020	73	281	534	15,039
1976	41,340	288	991	1,975	9,910	6,306	104	345	567	18,201
1977	46,316	576	1,221	2,133	11,194	6,850	93	361	578	20,536
1978	51,209	867	1,349	2,072	13,216	7,151	89	377	637	22,700
1979	60,327	1,004	1,445	1,806	15,652	7,450	92	468	670	29,044
1980	71,303	1,266	1,726	2,227	19,107	9,458	92	560	610	33,742
1981	75,656	1,667	2,107	2,486	23,064	11,432	136	618	497	31,848
1982	70,369	1,607	2,084	2,081	24,271	11,446	172	532	267	26,511
1983	64,777	1,075	1,871	1,855	23,578	11,464	92	338	92	22,841
1984	57,568	706	1,854	1,740	23,569	11,844	42	196	17	15,881
1985	52,737	374	1,725	1,184	23,768	11,418	0	8	0	12,847
1986	60,805	0	1,687	1,532	24,913	12,436	25	94	46	18,838
1987	89,012	0	2,290	3,961	29,573	16,760	180	586	528	34,957
1988	120,007	618	3,353	6,744	36,882	22,363	477	925	1,003	48,787
1989	140,337	800	4,075	8,544	39,558	25,904	617	1,097	859	61,373
1990	147,370	835	4,298	9,482	38,544	27,588	657	1,453	948	66,742
1991	132,049	772	3,813	8,869	33,887	23,894	477	935	592	62,590
1992	108,880	534	3,257	6,990	27,252	20,465	340	165	96	53,469
1993	89,323	188	2,354	4,757	21,822	15,646	252	0	0	48,730
1994	96,739	423	2,008	4,768	24,358	14,775	296	0	2,263	52,769
1995	144,236	1,571	3,337	9,169	39,695	21,989	841	400	7,024	65,328
1996	188,543	2,722	4,156	12,492	53,451	31,516	1,338	1,150	10,210	78,388
1997	225,831	3,560	4,314	13,938	66,706	38,484	1,632	2,138	12,945	89,735
1998	247,107	..	..	..	..	..	..	..	..	..
1999	256,136	..	..	..	..	..	..	..	..	..
2000	258,028	..	..	..	..	..	..	..	..	..
2001	267,113	..	..	..	..	..	..	..	..	..
2002	270,855	..	..	..	..	..	..	..	..	..
2003	266,508	..	..	..	..	..	..	..	..	..
2004	272,955	..	..	..	..	..	..	..	..	..

Source: Calculated by CSLS from Statistics Canada CANSIM Table 153-0011

Note (from Statistics Canada):

The values presented in method I are based on a present value calculation that assumes a positive return to capital (present value I). For a description of this method, please see page 37 of the Concepts, Sources and Methods of the Canadian System of Environmental Resource Accounts, catalogue number 16-505-GPE, which is included in PDF format on the Econnections, Indicators and Detailed Statistics 2000 CD-ROM.

Negative stock values are set to zero.

Table 13a: Present Value of Timber Stocks , Canada and the Provinces, Method II, Millions of Current Dollars, 1961-2004

	Canada	NL	NS	NB	QC	ON	MB	SK	AB	BC
1961	14,339	539	77	784	4,481	3,327	70	0	93	4,970
1962	15,338	498	92	713	4,685	3,545	59	7	100	5,641
1963	16,194	492	132	729	4,784	3,663	70	24	164	6,137
1964	17,190	490	175	805	4,968	3,791	86	27	187	6,662
1965	17,802	487	187	814	5,139	3,868	93	29	193	6,992
1966	19,002	483	215	832	5,470	4,110	100	31	216	7,546
1967	19,505	447	223	814	5,583	4,144	105	24	241	7,820
1968	21,444	389	246	799	5,647	4,131	98	12	230	8,735
1969	23,261	332	291	744	5,773	4,192	93	44	235	9,657
1970	22,607	265	324	693	5,799	4,147	63	86	248	9,546
1971	22,193	167	319	559	5,661	3,963	48	96	277	9,752
1972	24,403	127	364	575	6,029	4,036	18	131	340	11,212
1973	30,064	155	489	804	6,995	4,685	45	244	462	14,276
1974	37,821	396	752	1,579	9,037	6,339	90	334	616	16,396
1975	42,639	488	1,031	2,105	10,353	6,996	182	384	716	17,887
1976	48,993	546	1,298	2,515	11,594	7,421	222	460	803	21,392
1977	54,926	862	1,546	2,720	13,130	8,142	220	493	869	24,049
1978	60,834	1,177	1,691	2,706	15,416	8,648	223	526	977	26,542
1979	70,933	1,333	1,801	2,497	18,116	9,152	232	635	1,055	33,237
1980	83,076	1,615	2,092	2,977	21,808	11,357	236	742	1,046	38,281
1981	89,035	2,049	2,483	3,295	26,023	13,539	283	812	987	36,855
1982	85,497	2,032	2,477	2,971	27,544	13,834	322	736	817	32,162
1983	81,383	1,549	2,288	2,870	27,226	14,199	245	549	703	29,149
1984	75,425	1,223	2,298	2,886	27,582	14,917	197	412	678	22,707
1985	71,611	919	2,192	2,443	28,131	14,807	157	224	685	20,061
1986	80,272	527	2,179	2,877	29,603	16,120	192	304	755	26,199
1987	108,952	545	2,807	5,368	34,758	20,623	353	803	1,262	42,242
1988	140,901	1,238	3,895	8,177	42,559	26,345	656	1,175	1,846	56,096
1989	162,915	1,451	4,662	10,006	45,897	30,125	803	1,394	1,979	69,031
1990	171,945	1,518	4,930	10,976	45,629	32,098	847	1,831	2,438	75,039
1991	158,431	1,463	4,474	10,405	41,653	28,662	662	1,424	2,478	71,598
1992	136,942	1,213	3,939	8,557	35,443	25,433	520	752	2,472	63,246
1993	118,715	843	3,041	6,332	30,321	20,741	428	261	2,844	59,160
1994	126,877	1,047	2,680	6,330	33,056	19,932	471	249	5,483	63,671
1995	175,049	2,174	4,002	10,751	48,586	27,295	1,042	1,157	10,569	76,477
1996	220,226	3,316	4,848	14,143	62,596	37,017	1,575	1,913	14,032	89,737
1997	258,434	4,150	5,133	15,672	76,169	44,217	1,921	2,905	16,913	101,179
1998	280,523	..	..	..	..	..	..	..	..	..
1999	289,951	..	..	..	..	..	..	..	..	..
2000	291,771	..	..	..	..	..	..	..	..	..
2001	300,445	..	..	..	..	..	..	..	..	..
2002	303,278	..	..	..	..	..	..	..	..	..
2003	297,474	..	..	..	..	..	..	..	..	..
2004	302,358	..	..	..	..	..	..	..	..	..

Source: Calculated by CSLs from Statistics Canada CANSIM Table 153-0011

Note (from Statistics Canada):

The values presented in method II are based on a present value calculation that assumes a zero return to capital (present value II). For a description of this method, please see page 37 of the Concepts, Sources and Methods of the Canadian System of Environmental Resource Accounts, catalogue number 16-505-GPE, which is included in PDF format on the Econnections, Indicators and Detailed Statistics 2000 CD-ROM.

Negative stock values are set to zero.

Table 14: Timber Assets, Canada, volume in millions of cubic meters, 1961-2003

	Opening Stock	Harvest	Fire	Mortality	Roads	Regeneration	Closing Stock
1961	14,697	92	64	42	3	142	14,638
1962	14,638	96	6	43	3	141	14,632
1963	14,632	98	0	43	3	141	14,628
1964	14,628	101	13	43	3	140	14,607
1965	14,607	102	0	44	3	140	14,597
1966	14,597	108	5	44	3	163	14,600
1967	14,600	106	15	45	3	153	14,583
1968	14,583	111	0	45	3	152	14,576
1969	14,576	120	23	45	4	155	14,539
1970	14,539	120	24	45	4	152	14,499
1971	14,499	118	28	46	4	155	14,459
1972	14,459	122	12	46	4	157	14,432
1973	14,432	143	3	46	4	152	14,388
1974	14,388	136	20	46	4	157	14,339
1975	14,339	113	3	46	3	165	14,338
1976	14,338	137	18	46	4	161	14,293
1977	14,293	143	15	47	4	159	14,242
1978	14,242	154	4	47	5	158	14,191
1979	14,191	160	9	47	5	161	14,132
1980	14,132	153	50	47	5	157	14,035
1981	14,035	143	52	46	4	162	13,953
1982	13,953	125	51	45	4	167	13,895
1983	13,895	154	16	45	5	162	13,837
1984	13,837	166	6	44	5	163	13,779
1985	13,779	167	8	44	5	170	13,726
1986	13,726	175	13	43	5	169	13,658
1987	13,658	189	11	43	6	163	13,572
1988	13,572	188	15	42	6	165	13,487
1989	13,487	184	98	41	6	164	13,323
1990	13,322	157	13	41	5	171	13,276
1991	13,276	157	25	41	5	176	13,225
1992	13,225	166	4	40	5	175	13,184
1993	13,184	171	17	40	5	176	13,127
1994	13,127	178	6	40	5	202	13,100
1995	13,100	182	44	39	5	171	13,001
1996	13,001	176	24	39	5	177	12,934
1997	12,934	181	7	38	5	172	12,875
1998	12,875	169	14	38	5	179	12,827
1999	12,827	186	7	38	6	175	12,766
2000	12,766	184	0	37	6	187	12,726
2001	12,705	169	4	37	5	191	12,681
2002	12,681	173	33	40	5	190	12,619
2003	12,619	120	3	43	4	198	12,647

Source: Calculated by CSLS from Statistics Canada CANSIM Table 153-0030

Note:

These data are also available for selected provinces

Table 14a: Timber Assets, Canada, Area in Thousands of Hectares, 1961-2003

	Nonreserved Accessible Opening Stock	Harvest	Fire	Mortality	Roads	Regeneration	Nonreserved Accessible Closing Stock	Nonstocked Accessible Closing Stock
1961	124,514	773	599	271	23	1,712	124,559	15,115
1962	124,559	760	68	272	23	1,168	124,604	15,047
1963	124,604	787	0	273	24	1,128	124,648	14,980
1964	124,648	815	140	274	24	1,295	124,690	14,913
1965	124,690	818	0	274	25	1,158	124,732	14,847
1966	124,732	856	43	275	26	1,239	124,772	14,781
1967	124,772	847	135	275	25	1,322	124,812	14,716
1968	124,812	877	0	275	26	1,217	124,850	14,651
1969	124,850	933	181	275	28	1,453	124,886	14,587
1970	124,886	922	226	274	28	1,485	124,922	14,523
1971	124,922	885	236	274	27	1,459	124,960	14,459
1972	124,960	920	127	274	28	1,383	124,995	14,396
1973	124,995	1,049	20	274	32	1,404	125,025	14,335
1974	125,025	1,040	218	273	31	1,593	125,055	14,274
1975	125,055	863	35	272	26	1,232	125,092	14,211
1976	125,092	996	196	272	30	1,526	125,123	14,150
1977	125,123	1,050	158	272	32	1,541	125,152	14,090
1978	125,152	1,129	22	272	34	1,483	125,177	14,030
1979	125,177	1,179	81	271	35	1,590	125,200	13,972
1980	125,200	1,120	483	270	34	1,932	125,225	13,913
1981	125,225	1,089	452	269	33	1,869	125,251	13,855
1982	125,251	939	373	257	28	1,632	125,283	13,795
1983	125,283	1,137	177	245	34	1,616	125,307	13,737
1984	125,307	1,233	52	234	37	1,575	125,326	13,681
1985	125,326	1,225	63	222	37	1,567	125,345	13,625
1986	125,345	1,301	158	212	39	1,727	125,361	13,570
1987	125,361	1,375	111	202	41	1,742	125,374	13,516
1988	125,374	1,373	179	192	41	1,798	125,387	13,462
1989	125,387	1,319	1,229	181	40	2,783	125,401	13,408
1990	125,402	1,111	127	173	33	1,467	125,424	13,352
1991	125,424	1,103	296	167	33	1,622	125,447	13,296
1992	125,447	1,160	39	161	35	1,414	125,467	13,241
1993	125,467	1,219	189	155	37	1,616	125,484	13,187
1994	125,484	1,284	57	149	39	1,542	125,499	13,134
1995	125,499	1,323	491	143	40	2,010	125,512	13,081
1996	125,512	1,283	317	138	39	1,791	125,526	13,029
1997	125,526	1,343	88	133	40	1,616	125,537	12,977
1998	125,537	1,267	139	129	38	1,587	125,551	12,925
1999	125,551	1,364	96	125	41	1,636	125,561	12,874
2000	125,561	1,360	1	121	41	1,533	125,571	12,823
2001	125,567	1,237	36	117	37	1,442	125,582	12,772
2002	125,582	1,261	376	123	38	1,812	125,595	12,721
2003	125,595	778	36	129	23	999	125,628	12,665

Source: Calculated by CSLS from Statistics Canada CANSIM Table 153-0029

Note:

These data are also available for selected provinces

Table 15: Marginal Effective Tax Rate on Capital, Forestry, 1997-2008

	Canada	NL	PE	NS	NB	QC	ON	MB	SK	AB	BC
1997	31.6	-17.4	-63.8	-18.6	12.0	23.0	38.2	21.9	20.4	33.9	39.8
1998	31.7	-17.4	-63.8	-18.6	12.0	23.0	38.2	21.9	22.0	33.9	39.8
1999	31.7	-17.4	-63.8	-18.6	12.0	23.0	38.2	21.9	24.4	33.9	39.8
2000	31.7	-17.4	-63.8	-18.6	12.0	22.9	38.2	21.9	25.1	33.9	39.8
2001	31.4	-17.7	-64.3	-18.8	10.2	22.8	38.0	21.7	25.0	32.4	39.7
2002	29.6	-18.1	-65.2	-19.2	8.6	22.6	37.1	20.8	24.8	31.5	36.4
2003	32.3	-18.6	-66.2	8.0	4.5	35.9	36.9	19.8	24.6	30.8	35.1
2004	32.0	-20.1	-69.3	7.7	3.4	35.4	37.1	18.2	34.9	29.5	34.5
2005	31.5	-20.9	-47.9	7.0	2.7	35.1	36.9	17.1	34.0	28.9	33.6
2006	27.0	-25.5	-47.3	3.6	-1.6	24.1	35.5	14.1	28.4	26.2	31.4

Decline in METR on capital investment

-14.6	46.6	-25.9	-119.4	-113.3	4.8	-7.1	-35.6	39.2	-22.7	-21.1
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Source: Chen and Mintz (2006)

Table 15a: Marginal Effective Tax Rate on Capital Investment in Canada, per cent, 2008

	Canada	Newfoundl and and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Forestry	11.0	-42.7	-58.2	-21.6	-27.5	3.0	20.8	4.9	14.3	15.7	19.6
Utility	30.7	..	..	29.4	25.8	27.9	34.4	35.2	28.5	21.9	29.5
Construction	38.5	28.0	46.6	32.7	28.8	30.8	44.0	43.6	36.2	24.7	38.7
Manufacturing	19.3	-14.1	-30.1	-3.1	-1.6	10.4	24.2	6.8	23.1	21.3	24.1
Wholesale Trade	35.1	26.6	42.2	32.8	28.9	31.3	39.4	39.9	33.6	24.8	34.2
Retail Trade	33.7	28.0	40.1	32.7	28.9	31.1	38.4	38.7	32.2	24.8	33.0
Transportation	28.1	23.7	38.0	27.8	23.7	25.4	35.4	35.4	27.0	20.3	27.1
Communications	39.3	27.3	49.8	31.8	27.9	30.0	46.2	45.9	38.6	23.9	41.0
Other services	36.5	26.5	45.3	30.7	27.0	30.8	42.4	43.9	35.1	23.2	36.3
Aggregate	29.1	15.0	33.6	20.7	11.8	21.5	34.8	33.8	28.6	22.0	30.9

Source: Mintz and Chen (2008)

Note: .. data not available.

Table 15b: Marginal Effective Tax Rate on Manufacturing Capital, Manufacturing, Selected OECD Countries, 2007

	2008	2007	2006	2005
Austria	26.1	26.1	26.1	26.1
Brazil	34.9	34.9	34.9	34.9
Canada	19.3	23.2	35.3	37.1
Chile	14.7	14.9	15.0	15.0
China	47.3	47.3	47.3	47.3
Finland	22.2	22.2	22.2	22.2
France	37.6	37.6	37.6	38.0
Germany	30.6	38.5	38.5	38.5
Italy	25.9	31.0	31.0	31.0
New Zealand	27.6	27.6	27.6	27.6
Norway	23.5	23.5	23.5	23.5
South Africa	16.8	16.8	16.8	17.6
Sweden	19.8	19.8	19.8	19.8
United Kingdom	28.1	27.5	27.5	27.5
United States	25.4	35.0	35.8	35.8

Source: Chen and Mintz (2008a)

Note: Effective tax rates on capital investments incorporate corporate income taxes, sales taxes on capital purchases and other capital-related taxes including asset and net worth taxes, stamp duties on securities, taxes on contributions to equity. Property taxes are not included due to lack of data.

Table 15c: Marginal Effective Tax Rate on Capital, Manufacturing, Canada, by Province, 1997-2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	Per cent										
1997	37.5	10.2	-1.1	-5.7	26.0	28.2	41.2	27.1	37.2	40.7	43.6
1998	37.5	10.2	-1.1	-5.7	26.0	28.2	41.2	27.1	38.1	40.7	43.6
1999	37.5	10.2	-1.1	-5.7	26.0	28.2	41.2	27.1	39.5	40.7	43.6
2000	37.5	10.2	-1.1	-5.7	26.0	28.2	41.1	27.1	39.9	40.7	43.6
2001	36.9	9.7	-1.7	-6.1	24.1	28.0	40.7	26.7	39.7	39.0	43.3
2002	35.6	8.7	-3.0	-7.1	22.2	27.5	39.5	25.3	39.2	37.7	39.8
2003	37.3	7.7	-4.2	17.3	17.9	37.5	39.1	24.0	38.8	36.6	38.4
2004	36.6	5.9	-6.5	16.3	16.3	36.6	39.0	21.9	37.9	34.7	37.3
2005	36.3	5.3	2.2	15.7	15.8	36.3	38.7	20.8	37.1	34.1	36.4
2006	33.1	2.8	2.3	13.0	12.9	27.8	37.3	18.0	31.6	31.6	34.3
Total Rate of Change											
1997-2006	-11.7	-72.5	..	..	-50.4	-1.4	-9.5	-33.6	-15.1	-22.4	-21.3
	Index 1997 = 100										
1997	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1998	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	102.4	100.0	100.0
1999	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.2	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	99.8	100.0	107.3	100.0	100.0
2001	98.4	95.1	154.5	107.0	92.7	99.3	98.8	98.5	106.7	95.8	99.3
2002	94.9	85.3	272.7	124.6	85.4	97.5	95.9	93.4	105.4	92.6	91.3
2003	99.5	75.5	381.8	-303.5	68.8	133.0	94.9	88.6	104.3	89.9	88.1
2004	97.6	57.8	590.9	-286.0	62.7	129.8	94.7	80.8	101.9	85.3	85.6
2005	96.8	52.0	-200.0	-275.4	60.8	128.7	93.9	76.8	99.7	83.8	83.5
2006	88.3	27.5	-209.1	-228.1	49.6	98.6	90.5	66.4	84.9	77.6	78.7

Source: Mintz and Chen (2006)

Table 16: Productivity, Business Sector, Canada, 1961-2004

	Multifactor Productivity	Labour Productivity	Capital Productivity	Real Gross Domestic Product (GDP)	Gross Domestic Product (GDP)	Combined Labour and Capital Inputs	Contribution of Capital Intensity to Labour Productivity Growth	Contribution of Labour Composition to Labour Productivity Growth
	(Index, 2002=100)			(millions of dollars)	(Index, 2002=100)			
1961	82.8	41.2	156.0	20.5	30,805	24.7	59.8	83.3
1973	95.9	62.7	140.9	39.4	91,986	41.1	72.7	90.0
1981	94.1	72.0	114.7	53.4	257,891	56.7	83.1	92.0
1982	92.3	73.4	107.7	51.3	265,537	55.5	85.9	92.5
1983	93.7	75.5	108.0	52.7	289,502	56.3	86.8	92.9
1984	96.7	78.2	111.9	56.4	319,109	58.3	86.8	93.1
1985	98.0	79.0	113.5	59.4	345,715	60.7	86.7	93.1
1986	96.5	78.5	112.1	60.9	359,564	63.2	86.9	93.7
1987	96.3	79.0	111.5	63.9	392,699	66.4	87.3	94.0
1988	96.5	80.2	111.0	67.2	430,971	69.7	88.0	94.5
1989	95.3	80.6	107.7	69.0	457,352	72.4	89.2	94.8
1990	93.6	80.6	103.7	68.7	466,916	73.4	90.5	95.2
1991	91.0	80.6	97.6	65.9	459,394	72.5	92.6	95.7
1992	91.5	82.4	96.4	66.3	462,744	72.4	93.8	96.1
1993	92.3	83.8	97.6	68.2	481,033	73.9	93.9	96.7
1994	94.6	86.1	100.4	72.4	517,685	76.6	93.8	97.0
1995	94.7	87.2	100.1	74.8	549,692	79.0	94.5	97.4
1996	93.8	86.8	98.7	76.5	573,974	81.6	94.8	97.6
1997	94.9	89.4	98.4	80.8	612,118	85.1	96.1	98.0
1998	95.7	91.3	98.1	84.6	636,758	88.5	97.1	98.3
1999	97.5	94.3	98.8	90.2	691,740	92.4	98.1	98.6
2000	99.8	97.9	100.4	95.9	769,770	96.2	98.9	99.2
2001	99.5	99.1	99.4	97.5	793,541	98.0	99.9	99.7
2002	100.0	100.0	100.0	100.0	815,695	100.0	100.0	100.0
2003	99.6	100.7	98.6	101.9	861,697	102.3	100.9	100.2
2004	99.1	101.1	97.8	105.5	922,805	106.3	101.4	100.5
2005	99.3	103.4	96.1	108.7	..	109.5	103.2	100.9
2006	99.0	104.9	94.1	112.0	..	113.1	104.8	101.1
2007	98.0	105.4	91.9	114.7	..	117.1	106.1	101.4

Compound Annual Growth Rate

1961-2007	0.37	2.06	-1.14	3.81	..	3.44	1.25	0.43
1961-2006	0.40	2.10	-1.12	3.85	..	3.44	1.25	0.43
1961-1973	1.23	3.56	-0.84	5.60	9.54	4.33	1.64	0.65
1973-1981	-0.24	1.74	-2.54	3.87	13.75	4.10	1.69	0.28
1981-2007	0.16	1.48	-0.85	2.98	..	2.83	0.94	0.37
1981-2004	0.23	1.49	-0.69	3.00	5.70	2.77	0.87	0.38
1981-1989	0.16	1.42	-0.78	3.26	7.42	3.10	0.89	0.38
1986-2006	0.13	1.46	-0.87	3.09	..	2.95	0.94	0.38
1989-2007	0.16	1.50	-0.88	2.86	..	2.71	0.97	0.37
1989-2004	0.26	1.52	-0.64	2.87	4.79	2.59	0.86	0.39
1989-2000	0.42	1.78	-0.64	3.04	4.85	2.62	0.94	0.41
2000-2006	-0.13	1.16	-1.07	2.62	..	2.73	0.97	0.32
2000-2007	-0.26	1.06	-1.26	2.59	..	2.85	1.01	0.31
2000-2004	-0.18	0.81	-0.65	2.41	4.64	2.53	0.63	0.33

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 16a: Labour Input to Productivity, Business Sector, Canada, 1961-2004

	Labour input	Hours Worked	Labour Composition	Labour Input of Workers with			Labour Compensation	Labour Compensation of Workers with		
				Primary or Secondary Education	Some or Completed Post-Secondary Certificate or Diploma	University Degree or Above		Primary or Secondary Education	Some or Completed Post-Secondary Certificate or Diploma	University Degree or Above
	(Index, 2002=100)	(millions of hours)	(Index, 2002=100)			(millions of dollars)				
1961	36.8	11,137	74.1	99.7	2.8	10.5	19,201	17,122	710	1,370
1973	52.8	14,104	83.9	103.1	28.6	19.2	56,242	37,873	14,277	4,092
1981	64.5	16,645	86.9	103.9	49.3	32.1	154,888	89,380	51,139	14,369
1982	61.3	15,681	87.8	97.6	47.3	31.8	160,943	92,335	53,598	15,010
1983	61.7	15,670	88.4	97.4	48.1	32.6	168,540	93,345	58,484	16,711
1984	64.1	16,190	88.8	99.3	50.4	36.0	183,596	101,534	62,604	19,458
1985	66.7	16,877	88.7	101.9	53.1	38.8	200,748	108,576	69,949	22,224
1986	69.6	17,416	89.7	104.5	56.2	42.0	214,755	113,732	75,538	25,485
1987	73.0	18,149	90.3	107.9	59.8	45.3	233,209	123,133	82,308	27,768
1988	76.3	18,815	91.0	110.9	63.3	49.3	259,922	135,617	92,871	31,435
1989	78.4	19,209	91.5	112.2	65.7	52.1	278,203	140,061	99,333	38,809
1990	78.4	19,112	92.1	110.1	66.8	53.7	289,118	137,270	109,966	41,882
1991	76.0	18,361	92.8	103.9	65.3	54.7	291,543	132,459	111,499	47,586
1992	75.2	18,041	93.5	100.4	65.0	57.1	294,051	130,602	113,674	49,775
1993	76.9	18,258	94.5	98.2	67.4	63.2	299,753	129,720	116,753	53,280
1994	79.8	18,878	94.9	97.8	72.5	67.2	309,467	129,235	125,666	54,566
1995	82.1	19,270	95.6	97.2	77.1	69.4	323,740	130,504	137,077	56,158
1996	84.6	19,786	95.9	97.9	80.2	73.1	337,431	133,433	141,611	62,387
1997	87.3	20,267	96.6	95.1	86.5	77.2	361,013	132,775	157,407	70,831
1998	90.0	20,801	97.1	95.4	89.5	83.2	383,169	136,780	167,001	79,389
1999	93.3	21,461	97.6	98.9	92.4	86.8	406,781	144,701	176,186	85,894
2000	96.6	21,997	98.6	100.8	95.5	92.6	441,867	154,419	191,368	96,080
2001	97.9	22,084	99.5	98.8	97.5	97.3	459,510	153,807	200,267	105,437
2002	100.0	22,441	100.0	100.0	100.0	100.0	475,572	157,086	207,520	110,967
2003	101.6	22,709	100.4	97.7	103.5	103.6	492,113	156,628	219,731	115,754
2004	105.2	23,397	100.9	99.9	107.0	109.7	522,291	164,141	232,159	125,992
2005	106.8	23,600	101.6	99.7	106.8	117.2	..	..	..	..
2006	108.8	23,950	101.9	101.3	107.3	122.5	..	..	..	..
2007	111.5	24,437	102.4	100.4	110.9	128.9	..	..	..	..

Compound Annual Growth Rate*

1961-2007	2.44	1.72	0.71	0.02	8.33	5.60	7.98	5.40	14.42	11.09
1961-2006	2.44	1.72	0.71	0.04	8.44	5.61	7.98	5.40	14.42	11.09
1961-1973	3.05	1.99	1.04	0.28	21.37	5.16	9.37	6.84	28.42	9.55
1973-1981	2.53	2.09	0.44	0.10	7.04	6.64	13.50	11.33	17.29	17.00
1981-1989	2.47	1.81	0.65	0.97	3.65	6.24	7.60	5.78	8.65	13.22
1986-2006	2.26	1.61	0.64	-0.16	3.29	5.50	5.06	2.06	6.44	9.28
1989-2007	1.98	1.35	0.63	-0.62	2.95	5.16	..	..	..	..
1989-2000	1.92	1.24	0.68	-0.97	3.46	5.37	4.30	0.89	6.14	8.59
2000-2006	2.00	1.43	0.55	0.08	1.96	4.77	4.27	1.54	4.95	7.01
2000-2007	2.07	1.51	0.54	-0.06	2.16	4.84	..	..	..	..

Source: Calculated by CCLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Note: *All growth rates are calculated for periods ending in 2004 (instead of 2006 or 2007) for "Labour Compensation" series

Table 16b: Capital Input to Productivity, Business Sector, Canada, 1961-2004

	Capital Input	Capital Stock	Capital Composition	Capital Input of Information and Communications Technologies	Capital Input of Non-Information and Communications Technologies	Capital Cost	Capital Cost of Information and Communications Technologies	Capital Cost of Non-Information and Communications Technologies
	(Index 2002 = 100)					(millions of dollars)		
1961	13.1	26.2	50.0	0.3	18.0	11,604	454	11,150
1973	28.0	45.4	61.6	0.7	37.7	35,744	1,671	34,073
1981	46.5	65.6	70.9	3.8	58.8	103,003	6,795	96,208
1982	47.6	66.7	71.4	4.2	59.9	104,594	5,965	98,629
1983	48.8	67.2	72.6	5.2	60.7	120,962	7,654	113,308
1984	50.4	67.9	74.2	6.4	61.9	135,513	8,168	127,345
1985	52.4	69.3	75.5	7.6	63.7	144,967	9,426	135,540
1986	54.4	71.0	76.6	9.1	65.5	144,808	10,542	134,266
1987	57.3	73.3	78.2	11.8	67.8	159,490	12,598	146,892
1988	60.6	76.3	79.4	13.9	71.0	171,049	14,120	156,929
1989	64.0	79.3	80.8	16.7	74.1	179,149	16,423	162,726
1990	66.2	81.5	81.3	18.8	76.0	177,798	15,466	162,332
1991	67.6	82.7	81.8	21.1	76.9	167,851	15,195	152,657
1992	68.8	82.7	83.1	25.2	77.0	168,693	15,633	153,060
1993	69.9	83.1	84.1	28.4	77.4	181,280	16,509	164,771
1994	72.1	83.8	86.0	32.6	79.0	208,218	19,800	188,419
1995	74.8	84.7	88.3	36.9	81.2	225,952	21,838	204,114
1996	77.6	85.9	90.3	42.8	83.2	236,543	22,968	213,576
1997	82.0	88.8	92.3	51.5	86.7	251,105	24,961	226,144
1998	86.3	91.7	94.3	62.6	89.6	253,589	29,129	224,461
1999	91.3	94.2	96.9	74.7	93.4	284,959	31,362	253,598
2000	95.5	97.2	98.3	87.0	96.5	327,904	32,136	295,768
2001	98.1	98.8	99.3	94.3	98.5	334,032	32,741	301,291
2002	100.0	100.0	100.0	100.0	100.0	340,123	35,487	304,636
2003	103.3	102.2	101.1	108.2	102.7	369,583	39,313	330,270
2004	107.8	104.7	102.9	121.2	106.5	400,514	42,375	358,140
2005	113.1	108.0	104.8	132.2	111.1	..	..	..
2006	119.0	111.7	106.5	148.0	116.1	..	..	..
2007	124.8	115.5	108.0	171.4	120.6	..	..	..

Compound Annual Growth Rate*

1961-2007	5.02	3.28	1.69	14.80	4.22	8.58	11.12	8.40
1961-2006	5.03	3.27	1.69	14.78	4.23	8.58	11.12	8.40
1961-1973	6.53	4.69	1.75	7.32	6.35	9.83	11.46	9.76
1973-1981	6.55	4.71	1.77	23.55	5.71	14.14	19.17	13.85
1981-1989	4.07	2.40	1.65	20.33	2.93	7.16	11.66	6.79
1986-2006	3.99	2.29	1.66	14.96	2.90	5.81	8.04	5.60
1989-2000	3.71	1.87	1.80	16.19	2.43	5.65	6.29	5.58
2000-2006	3.73	2.34	1.34	9.26	3.13	5.13	7.16	4.90
2000-2007	3.90	2.49	1.35	10.17	3.24	5.13	7.16	4.90

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Note: *All growth rates are calculated for periods ending in 2004 (instead of 2006 or 2007) for "Capital Cost" series in millions of dollars

**Table 16c: Labour Input to Productivity,
Manufacturing, Canada, 1961-2004**

	Labour Composition	
	Index, 2002=100	Index, 1989=100
1981	87.6	
1982	88.5	
1983	89.4	
1984	89.9	
1985	90.4	
1986	90.9	
1987	91.3	
1988	91.7	
1989	92.1	100.0
1990	92.8	100.8
1991	93.3	101.3
1992	94	102.1
1993	95	103.1
1994	95.6	103.8
1995	96.3	104.6
1996	96.6	104.9
1997	98	106.4
1998	98.7	107.2
1999	98.1	106.5
2000	98.7	107.2
2001	99.3	107.8
2002	100	108.6
2003	100.7	109.3
2004	100.9	109.6
2005	101.5	110.2
2006	102.4	111.2
2007	103.1	111.9
1989-2007	0.63	0.63
1989-2000	0.63	0.63
2000-2007	0.63	0.63

Source: Statistics Canada CANSIM Table 383-0022

Table 17: Productivity, Forest Products Sector, Canada, 1961-2004

	Multifactor Productivity		Labour Productivity		Real gross output	Real Gross Domestic Product (GDP)	Combined labour and capital inputs	Combined units of all inputs	Gross Output	Gross Domestic Product (GDP)	Contribution to growth in labour productivity based on gross output			Capital Input per Hour Worked
	Based on gross output	Based on value-added	Based on gross output	Based on value-added							of Capital Intensity	of Intermediate Input Intensity	of Labour Composition	
	Index 2002 = 100						(Millions of Dollars)		Index 2002 = 100					
1961	53.3	37.6	41.1	31.0	33.8			4,002	1,784					
1973	56.7	44.4	43.0	46.9	45.4			11,517	4,980					
1981	62.5	50.1	50.3	51.4	51.6			27,868	10,727					
1982	59.9	54.9	54.2	49.2	48.5			25,354	8,845					
1983	70.3	61.5	63.2	56.2	57.7			29,281	10,701					
1984	75.9	65.3	66.9	60.3	61.8			32,959	12,113					
1985	77.9	68.2	68.9	62.4	63.1			34,589	12,544					
1986	76.8	66.5	65.4	63.3	62.3			37,659	14,233					
1987	79.0	66.0	65.5	67.6	67.1			44,008	17,568					
1988	77.2	68.2	67.3	69.6	68.8			47,992	18,947					
1989	72.3	67.5	66.4	69.1	68.0			48,933	18,654					
1990	70.9	70.3	69.4	66.8	65.9			45,463	16,169					
1991	70.6	73.0	71.5	64.6	63.3			40,514	13,257					
1992	74.7	76.7	74.8	67.7	65.9			42,535	13,813					
1993	77.6	78.1	76.5	71.9	70.4			48,295	17,123					
1994	77.2	78.9	74.7	77.2	73.1			58,297	21,309					
1995	75.1	77.0	73.1	80.2	76.1			71,418	27,483					
1996	76.2	81.3	77.3	82.1	78.0			68,237	25,659					
1997	78.8	85.0	79.8	87.1	81.7			70,447	25,508					
1998	81.7	89.4	86.3	87.7	84.7			69,478	26,273					
1999	85.8	88.6	84.6	93.4	89.2			77,538	28,848					
2000	91.5	95.4	92.2	99.8	96.5			85,309	32,273					
2001	91.0	94.4	92.0	95.1	92.7			79,835	29,983					
2002	100.0	100.0	100.0	100.0	100.0			81,171	29,739					
2003	100.2	100.4	99.7	100.3	99.6			80,059	27,629					
2004	104.2	101.8	102.2	102.8	103.2			85,975	31,267					
Compound Annual Growth Rate														
1961-2004	#DIV/0!	1.57	2.34	2.14	2.83	2.63		7.39	6.89					
1961-1973	#DIV/0!	0.51	1.38	0.38	3.51	2.48		9.21	8.93					
1973-1981	#DIV/0!	1.22	1.52	1.99	1.14	1.61		11.68	10.07					
1981-2004	#DIV/0!	2.25	3.13	3.13	3.06	3.06		5.02	4.76					
1981-1989	#DIV/0!	1.84	3.80	3.54	3.77	3.50		7.29	7.16					
1986-2004	#DIV/0!	1.71	2.40	2.51	2.74	2.85		4.69	4.47					
1989-2000	#DIV/0!	2.17	3.19	3.02	3.40	3.23		5.18	5.11					
2000-2004	#DIV/0!	3.31	1.65	2.61	0.74	1.69		0.19	-0.79					

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 17a: Labour Input to Productivity, Forest Product Sector, Canada, 1961-2004

	Total Labour Input	Labour Composition	Hours Worked		Labour Compensation	Labour Share of GDP
	(Index 2002 = 100)		(Millions of Hours)	(Index 2002 = 100)	(Millions of Dollars)	(Per cent)
1961	82.4	79.3	617	103.9	1,154	64.7
1973	105.7	86.3	728	122.5	3,169	63.6
1981	102.6	89.9	678	114.2	7,617	71.0
1982	89.5	90.6	587	98.8	6,840	77.3
1983	91.3	91.6	592	99.7	8,197	76.6
1984	92.3	92.3	594	100.0	8,714	71.9
1985	91.6	92.8	586	98.6	9,114	72.7
1986	95.2	93.3	606	102.0	9,445	66.4
1987	102.4	93.9	648	109.0	10,334	58.8
1988	102.2	94.4	643	108.2	10,904	57.5
1989	102.4	94.8	642	108.0	11,306	60.6
1990	94.9	95.1	593	99.8	11,104	68.7
1991	88.5	95.8	549	92.4	10,905	82.3
1992	88.2	96.3	544	91.5	11,194	81.0
1993	92.1	97.1	564	94.8	11,822	69.0
1994	97.8	97.5	596	100.3	12,531	58.8
1995	104.1	97.9	632	106.3	13,685	49.8
1996	100.9	98.1	611	102.9	13,779	53.7
1997	102.4	98.7	617	103.8	14,360	56.3
1998	98.1	99.3	587	98.8	13,967	53.2
1999	105.4	99.5	630	106.0	15,199	52.7
2000	104.7	99.9	623	104.8	15,985	49.5
2001	100.7	100.3	597	100.5	15,886	53.0
2002	100.0	100.0	594	100.0	16,320	54.9
2003	99.9	100.6	590	99.3	16,674	60.3
2004	101.0	101.1	594	99.9	17,463	55.9

Compound Annual Growth Rate

1961-2004	0.47	0.56	-0.09	-0.09	6.52	-0.34
1961-1973	2.09	0.70	1.38	1.38	8.78	-0.14
1973-1981	-0.37	0.51	-0.88	-0.88	11.59	1.38
1981-1989	-0.03	0.67	-0.70	-0.70	5.06	-1.96
1986-2004	0.33	0.44	-0.11	-0.11	3.47	-0.95
1989-2004	-0.09	0.43	-0.51	-0.51	2.94	-0.54
1989-2000	0.20	0.48	-0.27	-0.27	3.20	-1.82
2000-2004	-0.89	0.29	-1.18	-1.18	2.24	3.05

Source: Calculated by CSLs from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 17b: Capital Input to Productivity, Forest Products Sector, Canada, 1961-2004

Capital Input	Intermediate Inputs				Capital Share of GDP	Capital Cost	Cost of Intermediate Inputs			
	Total Intermediate Inputs	Energy	Material	Services			Total Intermediate Inputs	Energy	Material	Services
	(Index 2002 = 100)				(per cent)		(Millions of Dollars)			
1961	4.3	3.6	4.5	3.8	35.3	629	2,218	160	1,789	270
1973	12.7	9.1	13.4	11.1	36.4	1,811	6,537	409	5,336	792
1981	33.3	38.8	33.8	27.2	29.0	3,110	17,142	1,731	13,465	1,946
1982	32.1	41.1	31.9	27.4	22.7	2,006	16,509	1,837	12,715	1,958
1983	36.1	45.8	36.0	30.8	23.4	2,504	18,580	2,045	14,333	2,203
1984	40.5	51.0	40.3	35.1	28.1	3,399	20,847	2,276	16,065	2,507
1985	42.9	52.5	42.8	37.2	27.3	3,430	22,045	2,344	17,039	2,662
1986	45.5	48.3	45.9	41.7	33.6	4,787	23,427	2,157	18,289	2,981
1987	51.4	51.2	52.0	48.3	41.2	7,234	26,440	2,288	20,700	3,453
1988	56.5	53.8	57.5	52.6	42.5	8,044	29,044	2,404	22,882	3,759
1989	58.9	55.4	60.0	54.6	39.4	7,347	30,280	2,475	23,899	3,906
1990	57.0	57.9	57.0	56.4	31.3	5,065	29,294	2,585	22,681	4,028
1991	53.0	59.8	52.4	51.8	17.7	2,352	27,257	2,670	20,883	3,703
1992	55.8	60.5	55.7	53.7	19.0	2,619	28,721	2,701	22,183	3,838
1993	60.6	63.2	61.2	55.9	31.0	5,301	31,173	2,823	24,352	3,998
1994	71.9	66.7	72.8	70.0	41.2	8,778	36,987	2,978	29,006	5,004
1995	85.4	72.6	89.1	72.7	50.2	13,799	43,935	3,241	35,495	5,199
1996	82.8	72.2	84.7	78.8	46.3	11,880	42,578	3,223	33,725	5,629
1997	87.4	78.7	89.6	80.2	43.7	11,148	44,939	3,513	35,695	5,732
1998	84.0	70.8	86.6	78.0	46.8	12,306	43,205	3,162	34,464	5,578
1999	94.7	81.7	97.1	89.1	47.3	13,648	48,690	3,647	38,674	6,370
2000	103.1	98.5	103.4	104.4	50.5	16,288	53,036	4,396	41,174	7,466
2001	96.9	98.3	97.1	94.9	47.0	14,097	49,852	4,391	38,674	6,787
2002	100.0	100.0	100.0	100.0	45.1	13,420	51,432	4,465	39,819	7,148
2003	101.9	108.1	100.8	104.4	39.7	10,955	52,431	4,828	40,142	7,460
2004	106.4	107.5	105.0	113.5	44.1	13,804	54,707	4,801	41,797	8,110

Compound Annual Growth Rate

1961-2004	#DIV/0!	7.74	8.24	7.60	8.24	0.52	7.45	7.74	8.24	7.60	8.24
1961-1973	#DIV/0!	9.42	8.15	9.53	9.40	0.25	9.21	9.42	8.15	9.53	9.40
1973-1981	#DIV/0!	12.81	19.78	12.27	11.88	-2.79	6.99	12.81	19.78	12.27	11.88
1981-1989	#DIV/0!	7.37	4.57	7.44	9.10	3.90	11.34	7.37	4.57	7.44	9.10
1986-2004	#DIV/0!	4.82	4.54	4.70	5.72	1.52	6.06	4.82	4.54	4.70	5.72
1989-2000	#DIV/0!	5.23	5.36	5.07	6.07	2.28	7.51	5.23	5.36	5.07	6.07
2000-2004	#DIV/0!	0.78	2.23	0.38	2.09	-3.29	-4.05	0.78	2.23	0.38	2.09

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 17c: Sources of Labour Productivity Growth in the Forestry and Logging, Canada, 1961-2004

	1961-1973	1973-1981	1981-1989	1989-2000	2000-2004
Average Factor Shares, per cent					
Labour Share	68.8	66.8	68.1	61.3	54.7
Capital Share	31.2	33.2	31.9	38.7	45.3
Compound Annual Growth Rate, per cent					
Labour Productivity	0.38	1.99	3.54	3.02	2.61
Multifactor Productivity	0.51	1.22	1.84	2.17	3.31
Labour Composition	0.70	0.51	0.67	0.48	0.29
Capital Services Intensity	4.09	4.51	-1.96	1.72	2.53
Average Annual Contribution to Labour Productivity Growth, percentage points					
Multifactor Productivity	0.51	1.22	1.84	2.17	3.31
Labour Composition	0.48	0.34	0.46	0.29	0.16
Capital Services Intensity	1.28	1.49	-0.62	0.67	1.15

Source: Appendix Tables 18, 18a, and 18b

Table 18: Productivity, Forestry and Logging (NAICS 113), Canada, 1961-2004

	Multifactor Productivity		Labour Productivity		Real gross output	Real Gross Domestic Product (GDP)	Combined labour and capital inputs	Combined units of all inputs	Gross Output	Gross Domestic Product (GDP)	Contribution to growth in labour productivity based on gross output			Capital Input per Hour Worked
	Based on gross output	Based on value-added	Based on gross output	Based on value-added							of Capital Intensity	of Intermediate Input Intensity	of Labour Composition	
	Index 2002 = 100								(Millions of Dollars)	Index 2002 = 100				
1961	62.6	37.9	25.1	26.5	42.7	45.1	119.0	68.3	799	455	86.9	48.1	95.9	38.8
1973	71.4	48.1	43.7	39.2	67.8	60.8	126.4	94.9	2,196	1,199	92.8	67.4	97.7	62.8
1981	75.3	53.4	52.2	48.3	69.4	64.1	120.0	92.1	4,772	2,369	96.9	72.4	98.8	89.4
1982	75.3	53.3	53.1	48.9	60.9	56.0	105.0	80.9	4,392	2,056	97.6	73.2	98.8	96.5
1983	83.1	65.8	61.0	58.8	73.4	70.8	107.6	88.3	5,480	2,648	96.4	77.0	98.9	86.2
1984	85.2	69.3	65.6	61.2	80.9	75.5	108.8	94.9	6,104	2,765	95.7	81.3	99.0	81.5
1985	85.9	70.5	68.3	62.3	80.5	73.5	104.3	93.8	6,161	2,652	95.7	83.9	99.0	82.1
1986	84.7	68.2	68.3	60.0	80.5	70.8	103.7	95.1	6,296	2,696	95.4	85.3	99.2	79.3
1987	89.9	78.1	73.0	66.9	92.4	84.7	108.4	102.8	7,586	3,462	94.1	86.9	99.2	72.4
1988	90.7	79.6	75.4	68.9	93.2	85.1	106.9	102.8	8,231	3,869	94.6	88.6	99.3	74.2
1989	89.9	78.0	74.5	68.1	92.5	84.6	108.4	103.0	8,535	3,950	95.1	87.9	99.2	76.3
1990	87.8	74.1	74.7	66.9	83.7	74.9	101.1	95.4	7,897	3,430	96.5	88.9	99.2	83.2
1991	84.7	68.2	69.5	61.0	76.4	67.1	98.3	90.2	7,252	3,032	96.1	86.0	99.3	80.6
1992	86.8	72.2	77.1	65.7	80.1	68.3	94.6	92.3	7,987	3,424	96.5	92.4	99.6	82.9
1993	88.1	74.7	77.8	67.3	84.9	73.4	98.3	96.3	9,185	4,329	96.0	92.3	99.6	80.9
1994	88.5	75.3	83.1	68.1	94.9	77.8	103.3	107.3	10,781	4,692	96.0	98.0	99.7	80.9
1995	88.5	75.4	78.4	64.2	103.5	84.8	112.5	116.9	12,616	5,537	93.4	94.9	99.9	70.7
1996	89.7	77.7	89.1	72.4	103.1	83.9	107.9	114.9	12,664	5,474	97.1	102.3	99.9	85.6
1997	90.6	79.6	92.1	74.6	105.5	85.5	107.4	116.4	13,059	5,473	97.5	104.4	99.8	87.1
1998	91.1	80.6	94.8	79.9	102.8	86.6	107.5	112.8	12,574	5,709	99.6	104.4	100.1	96.5
1999	91.0	80.4	96.8	77.2	112.9	90.1	112.1	124.0	13,898	5,489	97.9	108.1	100.5	88.4
2000	94.9	89.1	96.9	86.9	107.3	96.2	107.9	113.0	13,039	5,579	98.6	103.2	100.4	92.1
2001	97.7	95.1	98.7	98.1	96.9	96.3	101.3	99.2	11,252	5,129	101.3	99.6	100.1	107.2
2002	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	12,374	5,795	100.0	100.0	100.0	100.0
2003	98.0	95.7	97.8	96.1	99.4	97.6	102.0	101.4	12,283	5,324	100.0	99.6	100.2	100.1
2004	101.6	103.7	108.9	105.6	108.5	105.2	101.4	106.8	13,378	5,952	100.3	106.4	100.5	101.7
Compound Annual Growth Rate														
1961-2004	1.13	2.37	3.47	3.27	2.19	1.99	-0.37	1.05	6.77	6.16	0.33	1.86	0.11	2.27
1961-1973	1.10	2.01	4.73	3.32	3.93	2.52	0.50	2.78	8.79	8.42	0.55	2.85	0.16	4.09
1973-1981	0.67	1.32	2.25	2.64	0.29	0.66	-0.65	-0.37	10.19	8.88	0.54	0.90	0.14	4.51
1981-2004	1.31	2.93	3.25	3.46	1.96	2.18	-0.73	0.65	4.58	4.09	0.15	1.69	0.07	0.56
1981-1989	2.24	4.85	4.55	4.39	3.66	3.53	-1.26	1.41	7.54	6.60	-0.23	2.45	0.05	-1.96
1986-2004	1.02	2.36	2.63	3.19	1.67	2.22	-0.12	0.65	4.28	4.50	0.28	1.24	0.07	1.40
1989-2004														
1989-2000	0.49	1.22	2.42	2.24	1.36	1.17	-0.04	0.85	3.93	3.19	0.33	1.47	0.11	1.72
2000-2004	1.72	3.87	2.96	4.99	0.28	2.26	-1.54	-1.40	0.64	1.63	0.43	0.77	0.02	2.53

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 18a: Labour Input to Productivity, Forestry and Logging (NAICS 113), Canada, 1961-2004

	Total Labour Input	Labour Composition	Hours Worked		Labour Compensation	Labour Share of GDP
	(Index 2002 = 100)		(Millions of Hours)	(Index 2002 = 100)	(Millions of Dollars)	(Per cent)
1961	150.8	88.6	204	170	322	70.9
1973	144	92.8	186	155	791	66.0
1981	126.9	95.5	159	133	1,819	76.8
1982	109.3	95.4	137	115	1,679	81.7
1983	115.2	95.7	144	120	1,852	70.0
1984	118.5	96.2	148	123	2,041	73.8
1985	113.3	96.1	141	118	1,981	74.7
1986	113.9	96.6	141	118	1,969	73.0
1987	122.6	96.8	152	127	2,200	63.5
1988	119.9	97.0	148	124	2,241	57.9
1989	119.9	96.6	149	124	2,346	59.4
1990	108.2	96.5	134	112	2,193	63.9
1991	106.4	96.9	132	110	2,180	71.9
1992	101.8	98.0	125	104	2,210	64.5
1993	106.8	97.9	131	109	2,411	55.7
1994	112.6	98.5	137	114	2,459	52.4
1995	130.9	99.1	158	132	3,016	54.5
1996	114.9	99.2	139	116	2,857	52.2
1997	113.4	99.0	137	115	2,997	54.8
1998	108.5	100.0	130	109	2,813	49.3
1999	119	102.0	140	117	3,071	55.9
2000	112.4	101.5	133	111	3,139	56.3
2001	98.7	100.5	118	98	3,141	61.2
2002	100	100.0	120	100	3,280	56.6
2003	102.2	100.6	122	102	3,232	60.7
2004	101.4	101.8	119	100	3,351	56.3

Compound Annual Growth Rate

1961-2004	-0.92	0.32	-1.24	-1.24	5.60	-0.53
1961-1973	-0.38	0.39	-0.77	-0.77	7.78	-0.59
1973-1981	-1.57	0.36	-1.92	-1.92	10.96	1.91
1981-1989	-0.71	0.14	-0.84	-0.84	3.23	-3.16
1986-2004	-0.64	0.29	-0.93	-0.93	3.00	-1.43
1989-2004	-1.11	0.35	-1.46	-1.46	2.41	-0.36
1989-2000	-0.59	0.45	-1.04	-1.04	2.68	-0.49
2000-2004	-2.54	0.07	-2.59	-2.59	1.64	0.01

Source: Calculated by CSLs from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 18b: Capital and Intermediate Inputs to Productivity, Forestry and Logging (NAICS 113), Canada, 1961-2004

	Capital Input	Intermediate Inputs				Capital Share of GDP	Capital Cost	Cost of Intermediate Inputs			
		Total Intermediate Inputs	Energy	Material	Services			Total Intermediate Inputs	Energy	Material	Services
		(Index 2002 = 100)						(per cent)	(Millions of Dollars)		
1961	66.1	38.0	109.3	30.9	49.2	29.1	133	344	22	219	104
1973	97.5	74.0	232.5	63.2	85.0	34.0	408	996	62	642	292
1981	118.8	73.6	140.0	69.4	75.0	23.2	550	2,404	212	1,627	565
1982	110.6	64.8	117.1	61.7	65.6	18.3	377	2,336	219	1,580	537
1983	103.8	74.9	114.9	73.3	74.3	30.0	796	2,832	236	1,980	616
1984	100.4	84.9	123.3	83.3	85.2	26.2	724	3,339	257	2,360	722
1985	96.8	86.0	121.4	84.5	87.0	25.3	671	3,509	264	2,483	762
1986	93.5	88.5	151.3	84.8	91.1	27.0	728	3,600	262	2,534	804
1987	91.7	98.3	164.8	92.7	106.3	36.5	1,263	4,123	315	2,853	955
1988	91.7	99.4	187.9	93.3	105.1	42.1	1,628	4,362	316	3,019	1,027
1989	94.8	98.6	189.3	90.9	109.2	40.6	1,604	4,585	328	3,130	1,127
1990	93.3	90.7	142.2	84.7	102.9	36.1	1,238	4,467	311	3,028	1,128
1991	88.6	84.0	135.2	78.8	93.6	28.1	852	4,220	288	2,879	1,053
1992	86.2	90.0	149.5	84.9	97.8	35.5	1,214	4,563	307	3,177	1,079
1993	88.3	94.3	150.3	90.3	98.9	44.3	1,918	4,856	331	3,413	1,112
1994	92.5	110.2	136.6	104.2	127.2	47.6	2,233	6,089	316	4,199	1,574
1995	93.4	120.2	174.4	119.9	114.4	45.5	2,521	7,079	432	5,109	1,538
1996	99.1	120.4	132.9	121.3	118.8	47.8	2,617	7,190	353	5,227	1,609
1997	99.8	123.5	144.8	125.4	116.9	45.2	2,476	7,586	395	5,503	1,688
1998	104.7	116.8	165.5	116.2	113.1	50.7	2,896	6,865	341	4,950	1,574
1999	103.2	133.5	103.1	141.8	117.2	44.1	2,418	8,409	308	6,382	1,719
2000	101.9	117.0	90.5	118.3	121.0	43.7	2,440	7,459	396	5,297	1,766
2001	105.2	97.4	95.4	98.3	95.1	38.8	1,988	6,123	409	4,319	1,394
2002	100.0	100.0	100.0	100.0	100.0	43.4	2,515	6,579	441	4,618	1,519
2003	101.8	100.9	99.0	100.9	101.3	39.3	2,092	6,959	515	4,829	1,616
2004	101.4	111.3	99.6	112.0	113.0	43.7	2,601	7,426	550	5,059	1,817

Compound Annual Growth Rate

1961-2004	1.00	2.53	-0.22	3.04	1.95	0.95	7.17	7.40	7.80	7.58	6.88
1961-1973	3.29	5.71	6.49	6.14	4.66	1.30	9.83	9.26	9.10	9.39	9.00
1973-1981	2.50	-0.07	-6.14	1.18	-1.55	-4.66	3.81	11.64	16.61	12.31	8.60
1981-1989	-2.78	3.72	3.84	3.43	4.81	7.23	14.31	8.41	5.62	8.53	9.01
1986-2004	0.45	1.28	-2.30	1.56	1.20	2.71	7.33	4.10	4.21	3.92	4.63
1989-2000	0.66	1.57	-6.49	2.42	0.94	0.68	3.89	4.52	1.73	4.90	4.17
2000-2004	-0.12	-1.24	2.42	-1.36	-1.70	-0.02	1.61	-0.11	8.56	-1.14	0.72

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 18c: Sources of Labour Productivity Growth in the Forestry and Logging, Canada, 1961-2004

	1961-1973	1973-1981	1981-1989	1989-2000	2000-2004
Average Factor Shares, per cent					
Labour Share	73.2	71.7	70.1	57.6	58.2
Capital Share	26.8	28.3	29.9	42.4	41.8
Compound Annual Growth Rate, per cent					
Labour Productivity	3.32	2.64	4.39	2.24	4.99
Multifactor Productivity	2.01	1.32	4.85	1.22	3.87
Labour Composition	0.39	0.36	0.14	0.45	0.07
Capital Services Intensity	4.09	4.51	-1.96	1.72	2.53
Average Annual Contribution to Labour Productivity Growth, percentage points					
Multifactor Productivity	2.01	1.32	4.85	1.22	3.87
Labour Composition	0.28	0.26	0.10	0.26	0.04
Capital Services Intensity	1.10	1.27	-0.59	0.73	1.06

Source: Appendix Tables 18, 18a, and 18b

Table 19: Productivity, Wood Product Manufacturing (NAICS 321), Canada, 1961-2004

	Multifactor Productivity		Labour Productivity		Real gross output	Real Gross Domestic Product (GDP)	Combined labour and capital inputs	Combined units of all inputs	Gross Output	Gross Domestic Product (GDP)	Contribution to growth in labour productivity based on gross output			Capital Input per Hour Worked
	Based on gross output	Based on value-added	Based on gross output	Based on value-added							of Capital Intensity	of Intermediate Input Intensity	of Labour Composition	
	(Index 2002 = 100)								(Millions of Dollars)		(Index 2002 = 100)			
1961	72.7	40.7	26.1	24.6	18.9	17.9	43.9	26.0	1,048	390	88.9	43.3	93.4	33.2
1973	77.3	47.8	37.6	35.3	37.3	34.9	73.1	48.2	4,161	1,714	92.9	54.3	96.5	50.4
1981	81.2	54.3	45.1	45.3	40.7	40.9	75.4	50.2	7,755	2,642	96.6	59.1	97.3	74.0
1982	80.5	52.7	46.2	45.6	34.8	34.4	65.2	43.3	6,583	2,006	97.3	60.5	97.6	85.9
1983	85.3	63.2	54.7	54.3	42.6	42.3	66.9	49.9	8,874	3,079	96.8	67.6	98.0	78.8
1984	89.2	71.9	60.1	62.2	46.1	47.7	66.3	51.7	9,416	3,206	96.7	70.9	98.2	78.5
1985	92.2	79.1	63.7	68.2	49.9	53.4	67.5	54.1	10,411	3,676	96.4	72.8	98.5	74.2
1986	91.2	76.7	62.7	65.7	51.5	54.0	70.4	56.4	11,487	4,238	96.0	72.6	98.7	70.9
1987	92.9	80.7	65.3	69.1	58.5	61.9	76.7	63.0	13,578	5,075	95.7	74.2	98.9	68.9
1988	92.7	80.0	67.7	70.9	60.9	63.8	79.7	65.8	14,147	4,731	96.7	76.3	99.1	76.4
1989	91.9	78.1	67.6	70.0	60.4	62.6	80.1	65.7	14,494	4,848	96.9	76.4	99.3	78.3
1990	92.3	79.2	70.5	72.7	56.8	58.6	73.9	61.5	13,508	4,244	97.5	78.8	99.4	87.2
1991	93.7	83.2	74.2	77.7	51.4	53.8	64.7	54.8	12,041	3,674	97.9	81.2	99.5	97.0
1992	94.3	84.7	74.4	77.9	54.5	57.0	67.3	57.8	13,866	4,468	97.5	81.4	99.5	87.7
1993	93.2	81.8	71.2	73.5	57.8	59.7	73.0	62.1	17,844	6,473	96.5	79.4	99.7	79.7
1994	91.1	77.1	69.3	69.2	62.0	61.9	80.3	68.0	21,920	8,537	96.6	79.0	99.6	79.8
1995	90.1	74.8	72.2	70.9	65.5	64.3	86.0	72.6	22,046	7,476	98.6	81.6	99.6	90.9
1996	90.1	74.6	72.5	71.2	67.9	66.7	89.4	75.4	23,373	7,960	98.7	81.8	99.6	92.2
1997	91.5	78.2	78.8	76.6	77.0	74.9	95.8	84.1	26,496	9,198	99.4	86.7	99.9	96.6
1998	93.5	83.1	84.3	83.7	79.3	78.7	94.7	84.9	26,448	9,133	100.3	90.0	99.9	102.4
1999	94.3	85.1	82.3	82.1	84.9	84.7	99.5	90.0	30,880	11,977	98.9	88.5	99.7	94.6
2000	95.6	88.1	93.3	89.9	97.5	94.0	106.7	102.1	33,562	12,159	100.7	96.9	100.1	104.0
2001	95.5	87.9	92.5	89.2	93.1	89.7	102.0	97.5	31,453	11,300	100.4	96.4	100.1	102.4
2002	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	33,603	12,079	100.0	100.0	100.0	100.0
2003	101.0	102.9	104.8	105.0	101.1	101.2	98.4	100.0	32,973	11,599	100.5	103.0	100.2	103.2
2004	102.3	106.4	109.0	110.4	105.1	106.5	100.1	102.8	37,092	14,095	101.1	105.1	100.2	106.9
Compound Annual Growth Rate														
1961-2004	0.80	2.26	3.38	3.55	4.07	4.23	1.94	3.25	8.65	8.70	0.30	2.08	0.16	2.75
1961-1973	0.51	1.35	3.09	3.06	5.83	5.72	4.34	5.28	12.18	13.12	0.37	1.90	0.27	3.54
1973-1981	0.62	1.61	2.30	3.17	1.10	2.00	0.39	0.51	8.09	5.56	0.49	1.06	0.10	4.92
1981-2004	1.01	2.97	3.91	3.95	4.21	4.25	1.24	3.17	7.04	7.55	0.20	2.53	0.13	1.61
1981-1989	1.56	4.65	5.19	5.59	5.06	5.46	0.76	3.42	8.13	7.88	0.04	3.26	0.25	0.70
1986-2004	0.64	1.83	3.12	2.93	4.04	3.85	1.97	3.39	6.73	6.90	0.29	2.08	0.08	2.31
1989-2000	0.36	1.10	2.97	2.30	4.45	3.76	2.64	4.09	7.93	8.72	0.35	2.18	0.07	2.62
2000-2004	1.71	4.83	3.96	5.27	1.89	3.17	-1.58	0.17	2.53	3.76	0.10	2.05	0.02	0.67

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 19a: Labour Input to Productivity, Wood Product Manufacturing (NAICS 321), Canada,

	Total Labour Input	Labour Composition	Hours Worked		Labour Compensation	Labour Share of GDP
	(Index 2002 = 100)		(Millions of Hours)	(Index 2002 = 100)	(Millions of Dollars)	(per cent)
1961	56.6	78.0	194	72.5	321	82.2
1973	86.3	87.2	265	99.0	1,039	60.6
1981	81.1	89.8	242	90.3	2,363	89.4
1982	68.6	90.9	202	75.4	1,558	77.7
1983	71.8	92.1	209	77.9	2,555	83.0
1984	71.3	92.9	205	76.7	2,695	84.1
1985	73.4	93.8	210	78.3	2,896	78.8
1986	77.6	94.6	220	82.1	2,960	69.8
1987	85.6	95.6	240	89.6	3,414	67.3
1988	86.6	96.2	241	90.0	3,612	76.3
1989	86.7	97.0	239	89.4	3,703	76.4
1990	78.4	97.4	216	80.5	3,591	84.6
1991	67.7	97.8	185	69.3	3,307	90.0
1992	71.5	97.7	196	73.2	3,573	80.0
1993	80.0	98.4	218	81.3	3,953	61.1
1994	87.8	98.2	239	89.4	4,398	51.5
1995	88.9	98.0	243	90.7	4,618	61.8
1996	91.9	98.2	251	93.6	4,789	60.2
1997	97.0	99.2	262	97.8	5,248	57.1
1998	93.7	99.6	252	94.1	5,244	57.4
1999	101.6	98.6	276	103.1	5,865	49.0
2000	105.0	100.4	280	104.6	6,435	52.9
2001	101.1	100.5	269	100.6	6,259	55.4
2002	100.0	100.0	268	100.0	6,475	53.6
2003	97.5	101.1	258	96.5	6,565	56.6
2004	97.5	101.1	258	96.5	7,013	49.8

Compound Annual Growth Rate

1961-2004	1.27	0.61	0.67	0.67	7.44	-1.16
1961-1973	3.58	0.93	2.62	2.62	10.28	-2.51
1973-1981	-0.77	0.37	-1.15	-1.15	10.82	4.98
1981-1989	0.84	0.97	-0.11	-0.11	5.78	-1.95
1986-2004	1.28	0.37	0.90	0.90	4.91	-1.87
1989-2004	0.79	0.28	0.51	0.51	4.35	-2.82
1989-2000	1.76	0.31	1.43	1.43	5.15	-3.28
2000-2004	-1.84	0.17	-2.00	-2.00	2.17	-1.53

Source: Calculated by CSLs from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 19b: Capital and Intermediate Inputs to Productivity, Wood Product Manufacturing (NAICS 321), Canada, 1961-2004

	Capital Input	Intermediate Inputs				Capital Share of GDP	Capital Cost	Cost of Intermediate Inputs			
		Total Intermediate Inputs	Energy	Material	Services			Total Intermediate Inputs	Energy	Material	Services
		(Index 2002 = 100)						(per cent)	(Millions of Dollars)		
1961	24.1	19.5	28.9	19.5	16.1	17.8	69	657	20	580	58
1973	49.9	38.7	66.5	38.2	33.7	39.4	675	2,448	65	2,181	202
1981	66.8	40.5	57.5	40.0	38.1	10.6	279	5,113	249	4,400	464
1982	64.8	34.9	49.9	34.5	32.8	22.4	448	4,577	257	3,875	445
1983	61.4	42.6	52.8	42.6	38.7	17.0	525	5,795	304	4,945	546
1984	60.2	45.1	55.4	45.1	41.0	15.9	511	6,210	334	5,291	586
1985	58.1	47.9	56.5	48.0	44.1	21.2	779	6,735	351	5,744	640
1986	58.2	50.0	59.5	49.9	47.3	30.2	1,278	7,249	343	6,198	708
1987	61.7	56.6	59.3	56.8	53.7	32.7	1,662	8,503	359	7,316	828
1988	68.8	59.3	60.2	60.1	52.0	23.7	1,119	9,416	363	8,187	866
1989	70.0	59.0	60.6	59.8	51.9	23.6	1,145	9,647	370	8,371	906
1990	70.2	55.6	57.4	56.0	51.7	15.4	653	9,264	371	7,937	956
1991	67.2	50.0	57.6	50.0	46.9	10.0	368	8,366	369	7,106	891
1992	64.2	53.0	62.2	53.1	49.2	20.0	895	9,398	402	8,042	955
1993	64.8	56.7	64.2	56.7	53.9	38.9	2,520	11,371	427	9,878	1,067
1994	71.4	61.9	67.6	61.8	60.5	48.5	4,139	13,383	480	11,661	1,241
1995	82.4	66.0	70.3	66.1	63.3	38.2	2,858	14,571	498	12,768	1,305
1996	86.3	68.5	73.0	67.9	71.9	39.8	3,171	15,413	542	13,371	1,500
1997	94.4	78.1	86.3	77.7	78.8	42.9	3,950	17,298	615	15,111	1,572
1998	96.3	79.6	94.8	79.3	76.7	42.6	3,889	17,316	642	15,127	1,547
1999	97.6	84.9	90.1	84.7	84.6	51.0	6,112	18,904	701	16,446	1,756
2000	108.8	99.6	98.4	99.3	102.4	47.1	5,724	21,403	859	18,380	2,164
2001	103.1	95.1	96.6	94.9	95.9	44.6	5,041	20,153	883	17,161	2,110
2002	100.0	100.0	100.0	100.0	100.0	46.4	5,605	21,524	895	18,404	2,225
2003	99.5	101.0	98.2	100.9	102.8	43.4	5,034	21,374	958	18,096	2,321
2004	103.1	104.3	99.8	104.0	108.8	50.2	7,083	22,996	1,027	19,371	2,598

Compound Annual Growth Rate

1961-2004	3.44	3.98	2.92	3.97	4.54	2.45	11.36	8.62	9.64	8.50	9.26
1961-1973	6.25	5.88	7.19	5.76	6.35	6.86	20.89	11.58	10.52	11.67	10.98
1973-1981	3.71	0.57	-1.80	0.58	1.55	-15.18	-10.46	9.65	18.26	9.17	10.98
1981-1989	0.59	4.82	0.66	5.16	3.94	10.58	19.30	8.26	5.06	8.37	8.73
1986-2004	3.23	4.17	2.91	4.16	4.74	2.88	9.98	6.62	6.28	6.54	7.49
1989-2000	4.09	4.88	4.51	4.72	6.37	6.47	15.76	7.51	7.96	7.41	8.23
2000-2004	-1.34	1.16	0.35	1.16	1.53	1.64	5.47	1.81	4.57	1.32	4.68

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 19c: Sources of Labour Productivity Growth, Wood Product Manufacturing, Canada, 1961-2004

	1961-1973	1973-1981	1981-1989	1989-2000	2000-2004
Average Factor Shares, per cent					
Labour Share	75.7	75.1	78.1	65.2	53.7
Capital Share	24.3	24.9	21.9	34.8	46.3
Compound Annual Growth Rate, per cent					
Labour Productivity	3.06	3.17	5.59	2.30	5.27
Multifactor Productivity	1.35	1.61	4.65	1.10	4.83
Labour Composition	0.93	0.37	0.97	0.31	0.17
Capital Services Intensity	3.54	4.92	0.70	2.62	0.67
Average Annual Contribution to Labour Productivity Growth, percentage points					
Multifactor Productivity	1.35	1.61	4.65	1.10	4.83
Labour Composition	0.71	0.28	0.76	0.20	0.09
Capital Services Intensity	0.86	1.22	0.15	0.91	0.31

Source: Appendix Tables 19, 19a, and 19b

Table 20: Productivity, Paper Manufacturing Manufacturing (NAICS 322), Canada, 1961-2004

	Multifactor Productivity		Labour Productivity		Real gross output	Real Gross Domestic Product (GDP)	Combined labour and capital inputs	Combined units of all inputs	Gross output	Gross Domestic Product (GDP)	Contribution to growth in labour productivity based on gross output			Capital Input per Hour Worked
	Based on gross output	Based on value-added	Based on gross output	Based on value-added							of Capital Intensity	of Intermediate Input Intensity	of Labour Composition	
	(Index 2002 = 100)										(Millions of Dollars)		(Index 2002 = 100)	
1961	88.3	66.0	32.6	35.0	34.6	37.1	56.2	39.2	2,155	939	84.3	47.4	92.5	36.0
1973	89.7	69.0	45.8	45.2	61.4	60.6	87.8	68.4	5,160	2,067	89.2	60.1	95.3	51.0
1981	89.9	70.0	51.2	51.4	68.8	69.0	98.6	76.5	15,341	5,716	91.9	64.0	96.9	59.2
1982	88.0	65.8	52.2	51.2	62.5	61.3	93.1	71.1	14,380	4,783	93.5	65.3	97.2	68.9
1983	92.7	77.1	57.9	60.2	67.2	69.8	90.5	72.5	14,927	4,974	93.4	68.7	97.4	67.8
1984	94.2	80.9	60.8	62.9	71.0	73.5	90.8	75.3	17,439	6,142	93.1	70.9	97.6	65.8
1985	94.0	80.3	63.5	64.3	72.2	73.1	91.1	76.9	18,018	6,217	93.9	73.6	97.7	70.7
1986	93.8	80.0	64.6	63.9	76.6	75.7	94.5	81.6	19,876	7,298	93.7	75.1	97.8	69.7
1987	93.1	78.4	64.7	63.2	80.3	78.4	100.0	86.2	22,845	9,030	94.0	75.5	97.9	70.9
1988	91.6	75.1	66.9	64.9	82.3	79.8	106.2	89.8	25,613	10,347	96.6	77.2	98.0	81.2
1989	87.6	67.1	66.3	64.0	81.3	78.4	116.8	92.8	25,904	9,856	100.2	77.0	98.1	98.6
1990	86.7	65.4	66.8	65.9	78.5	77.5	118.6	90.5	24,059	8,495	102.2	76.7	98.3	111.6
1991	86.4	64.7	68.0	66.9	76.3	75.0	115.9	88.2	21,221	6,551	102.7	77.7	98.6	117.9
1992	87.9	68.5	71.7	71.3	77.5	77.1	112.6	88.2	20,681	5,921	102.8	80.4	98.8	120.7
1993	90.3	75.2	78.2	79.4	81.4	82.6	109.9	90.2	21,266	6,321	102.8	85.0	99.1	122.3
1994	91.5	78.3	82.8	82.1	88.0	87.3	111.5	96.2	25,596	8,080	102.4	89.0	99.3	115.3
1995	90.2	75.1	81.0	78.9	90.4	88.0	117.3	100.2	36,756	14,471	102.3	88.3	99.4	114.6
1996	90.9	76.5	84.1	82.7	90.4	88.8	116.1	99.4	32,199	12,225	103.4	90.0	99.5	120.3
1997	91.9	79.0	87.9	85.6	92.6	90.2	114.1	100.7	30,892	10,837	103.3	92.9	99.6	120.1
1998	92.8	81.1	88.7	88.5	88.2	87.9	108.5	95.0	30,456	11,431	103.5	92.6	99.7	121.5
1999	96.0	89.1	93.2	93.4	96.6	96.7	108.6	100.6	32,760	11,382	101.9	95.5	99.8	110.8
2000	98.3	95.2	99.3	98.7	100.9	100.4	105.5	102.6	38,708	14,535	101.7	99.6	99.7	109.3
2001	97.1	92.0	96.2	93.8	97.7	95.3	103.6	100.6	37,130	13,554	100.7	98.4	100.0	104.3
2002	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	35,194	11,865	100.0	100.0	100.0	100.0
2003	99.8	99.5	99.9	98.8	101.5	100.3	100.8	101.6	34,804	10,706	99.8	100.3	100.0	98.3
2004	100.5	101.7	98.3	98.0	102.8	102.5	100.8	102.2	35,505	11,220	98.7	98.9	100.1	89.7

Compound Annual Growth Rate

1961-2004	0.30	1.01	2.60	2.42	2.56	2.39	1.37	2.25	6.73	5.94	0.37	1.73	0.18	2.14
1961-1973	0.13	0.37	2.87	2.15	4.90	4.17	3.79	4.75	7.55	6.80	0.47	2.00	0.25	2.95
1973-1981	0.03	0.18	1.40	1.62	1.43	1.64	1.46	1.41	14.59	13.56	0.37	0.79	0.21	1.87
1981-2004	0.49	1.64	2.88	2.85	1.76	1.74	0.10	1.27	3.72	2.98	0.31	1.91	0.14	1.82
1981-1989	-0.32	-0.53	3.28	2.78	2.11	1.61	2.14	2.44	6.77	7.05	1.09	2.34	0.15	6.58
1986-2004	0.38	1.34	2.36	2.40	1.65	1.70	0.36	1.26	3.28	2.42	0.29	1.54	0.13	1.41
1989-2000	1.05	3.23	3.74	4.02	1.98	2.27	-0.92	0.92	3.72	3.59	0.14	2.37	0.15	0.94
2000-2004	0.55	1.66	-0.25	-0.18	0.47	0.52	-1.13	-0.10	-2.14	-6.27	-0.75	-0.18	0.10	-4.82

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 20a: Labour Input to Productivity, Paper Manufacturing Manufacturing (NAICS 322),

	Total Labour input	Labour Composition	Hours Worked		Labour Compensation	Labour Share of GDP
	(Index 2002 = 100)		(Millions of Hours)	(Index 2002 = 100)	(Millions of Dollars)	(per cent)
1961	76.2	71.9	219	106.0	511	54.5
1973	108.5	81.0	277	134.0	1,339	64.8
1981	116.4	86.7	278	134.3	3,435	60.1
1982	105.2	87.8	248	119.8	3,603	75.3
1983	102.9	88.7	240	115.9	3,790	76.2
1984	104.4	89.4	242	116.8	3,978	64.8
1985	102.4	90.0	235	113.8	4,237	68.1
1986	107.0	90.3	245	118.4	4,517	61.9
1987	112.5	90.7	257	124.0	4,720	52.3
1988	112.0	91.2	254	122.9	5,050	48.8
1989	112.4	91.7	253	122.5	5,257	53.3
1990	108.7	92.4	243	117.6	5,321	62.6
1991	105.0	93.6	232	112.1	5,419	82.7
1992	101.8	94.2	224	108.1	5,411	91.4
1993	99.4	95.4	215	104.1	5,457	86.3
1994	102.2	96.2	220	106.3	5,674	70.2
1995	108.2	97.0	231	111.6	6,051	41.8
1996	104.5	97.3	222	107.4	6,133	50.2
1997	103.2	97.9	218	105.4	6,115	56.4
1998	97.8	98.4	205	99.3	5,910	51.7
1999	102.4	98.9	214	103.6	6,264	55.0
2000	99.8	98.2	210	101.6	6,411	44.1
2001	101.5	99.9	210	101.5	6,486	47.9
2002	100.0	100.0	207	100.0	6,565	55.3
2003	101.5	100.0	210	101.5	6,877	64.2
2004	105.2	100.6	216	104.5	7,100	63.3

Compound Annual Growth Rate

1961-2004	0.75	0.78	-0.03	-0.03	6.31	0.35
1961-1973	2.99	1.00	1.97	1.97	8.35	1.45
1973-1981	0.88	0.85	0.03	0.03	12.50	-0.93
1981-1989	-0.44	0.70	-1.14	-1.14	5.46	-1.48
1986-2004	-0.09	0.60	-0.69	-0.69	2.54	0.12
1989-2004	-0.44	0.62	-1.06	-1.06	2.02	1.14
1989-2000	-1.08	0.62	-1.69	-1.69	1.82	-1.71
2000-2004	1.33	0.61	0.71	0.71	2.58	9.44

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 20b: Capital and Intermediate Inputs to Productivity, Paper Manufacturing Manufacturing (NAICS 322), Canada, 1961-2004

	Capital Input	Intermediate Inputs				Capital Share of GDP	Capital Cost	Cost of Intermediate Inputs			
		Total Intermediate Inputs	Energy	Material	Services			Total Intermediate Inputs	Energy	Material	Services
	(Index 2002 = 100)					(per cent)	(Millions of Dollars)				
1961	38.2	32.7	57.2	32.2	17.5	45.5	428	1,216	118	990	108
1973	68.4	61.4	100.9	61.2	32.0	35.2	728	3,093	281	2,513	299
1981	79.5	68.4	88.8	68.3	50.5	39.9	2,281	9,625	1,270	7,438	917
1982	82.6	62.9	80.9	62.6	48.5	24.7	1,181	9,596	1,361	7,259	976
1983	78.6	65.6	81.2	66.0	49.3	23.8	1,183	9,954	1,505	7,408	1,041
1984	76.8	69.5	85.4	69.5	55.1	35.2	2,164	11,298	1,685	8,414	1,200
1985	80.5	71.6	83.8	72.3	56.5	31.9	1,980	11,801	1,729	8,812	1,260
1986	82.5	76.9	81.7	78.3	64.8	38.1	2,781	12,578	1,552	9,557	1,468
1987	88.0	81.2	82.6	82.7	71.6	47.7	4,310	13,815	1,614	10,531	1,670
1988	99.8	83.6	90.7	84.3	73.2	51.2	5,297	15,266	1,725	11,676	1,866
1989	120.8	83.0	90.7	84.0	70.4	46.7	4,599	16,048	1,777	12,398	1,873
1990	131.2	79.0	89.7	79.2	69.2	37.4	3,175	15,563	1,902	11,717	1,945
1991	132.2	76.9	96.3	76.9	61.6	17.3	1,132	14,670	2,012	10,898	1,760
1992	130.5	77.8	92.9	78.5	61.9	8.6	510	14,761	1,992	10,964	1,804
1993	127.3	81.1	95.6	82.7	61.3	13.7	863	14,946	2,065	11,061	1,819
1994	122.6	88.5	96.4	90.0	74.2	29.8	2,406	17,516	2,181	13,145	2,190
1995	127.8	91.7	101.1	92.8	78.7	58.2	8,420	22,285	2,312	17,618	2,356
1996	129.2	91.1	92.7	92.5	82.9	49.8	6,092	19,974	2,328	15,127	2,520
1997	126.5	94.0	97.1	96.2	79.6	43.6	4,722	20,055	2,503	15,081	2,472
1998	120.7	88.2	90.1	89.8	78.2	48.3	5,522	19,024	2,179	14,388	2,457
1999	114.8	96.4	98.8	97.0	91.1	45.0	5,119	21,378	2,638	15,846	2,895
2000	111.0	101.1	104.5	99.4	107.4	55.9	8,124	24,174	3,141	17,497	3,536
2001	105.9	99.0	96.7	99.8	97.4	52.1	7,068	23,576	3,099	17,194	3,283
2002	100.0	100.0	100.0	100.0	100.0	44.7	5,300	23,330	3,129	16,797	3,404
2003	99.8	102.0	97.2	103.2	100.8	35.8	3,830	24,098	3,356	17,218	3,524
2004	93.7	102.9	92.8	104.5	105.2	36.7	4,121	24,285	3,224	17,367	3,695

Compound Annual Growth Rate

1961-2004	2.11	2.70	1.13	2.78	4.26	-0.50	5.41	7.21	7.99	6.89	8.56
1961-1973	4.97	5.39	4.84	5.50	5.16	-2.12	4.54	8.09	7.50	8.07	8.84
1973-1981	1.90	1.36	-1.58	1.38	5.87	1.57	15.34	15.25	20.73	14.53	15.04
1981-1989	5.37	2.45	0.26	2.62	4.24	1.97	9.16	6.60	4.29	6.60	9.34
1986-2004	0.71	1.63	0.71	1.62	2.73	-0.21	2.21	3.72	4.14	3.37	5.26
1989-2000	-0.77	1.81	1.30	1.54	3.91	1.66	5.31	3.79	5.31	3.18	5.95
2000-2004	-4.15	0.44	-2.92	1.26	-0.52	-9.97	-15.61	0.11	0.65	-0.19	1.10

Source: Calculated by CSLS from Statistics Canada CANSIM Table 383-0022 (Industry KLEMS Productivity Program Database)

Table 20c: Sources of Labour Productivity Growth, Paper Manufacturing, Canada, 1961-2004

	1961-1973	1973-1981	1981-1989	1989-2000	2000-2004
Average Factor Shares, per cent					
Labour Share	63.5	60.4	62.3	62.2	55.0
Capital Share	36.5	39.6	37.7	37.8	45.0
Compound Annual Growth Rate, per cent					
Labour Productivity	2.15	1.62	2.78	4.02	-0.18
Multifactor Productivity	0.37	0.18	-0.53	3.23	1.66
Labour Composition	1.00	0.85	0.70	0.62	0.61
Capital Services Intensity	2.95	1.87	6.58	0.94	-4.82
Average Annual Contribution to Labour Productivity Growth, percentage points					
Multifactor Productivity	0.37	0.18	-0.53	3.23	1.66
Labour Composition	0.63	0.52	0.44	0.39	0.33
Capital Services Intensity	1.08	0.74	2.48	0.36	-2.17

Source: Appendix Tables 20, 20a, and 20b

Table 21: Capacity Utilization Rates, Forest Products Sector, per cent, Canada

	Total, All Industries	Manufacturing	Forestry and Logging	Wood Product Manufacturing	Paper Manufacturing
1987	85.7	82.8	84.7	85.8	95.5
1988	86.6	82.6	83.1	82.4	93.6
1989	85.0	81.2	86.3	77.9	87.9
1990	82.2	78.2	82.3	74.0	83.7
1991	78.9	74.2	78.1	70.6	84.5
1992	78.8	76.4	82.7	81.6	88.1
1993	80.6	79.9	84.8	90.2	88.0
1994	83.0	83.5	81.3	91.1	94.3
1995	82.1	83.9	81.3	86.7	92.0
1996	82.0	82.8	76.2	86.4	89.1
1997	83.6	83.6	81.6	84.5	90.4
1998	84.6	84.3	84.1	86.5	86.1
1999	86.0	85.8	84.3	83.9	91.1
2000	87.0	86.0	82.6	85.1	92.1
2001	84.3	81.7	81.6	82.0	88.6
2002	85.4	82.9	83.9	87.0	90.6
2003	84.2	81.5	85.5	88.2	91.1
2004	84.9	83.5	90.4	92.1	91.1
2005	84.8	83.7	83.9	90.6	89.4
2006	84.1	82.8	83.8	85.6	88.3
2007	83.3	82.2	81.0	77.3	88.3
Compound Annual Growth Rate					
1987-2007	-0.14	-0.04	-0.22	-0.52	-0.39
1989-2000	0.21	0.53	-0.40	0.80	0.42
1987-2000	0.11	0.29	-0.19	-0.07	-0.28
2000-2004	-0.59	-0.75	2.29	2.01	-0.27
2000-2007	-0.62	-0.65	-0.27	-1.36	-0.60
Total Growth Rate					
1987-2007	-2.86	-0.78	-4.34	-9.94	-7.54
1987-2000	1.49	3.86	-2.48	-0.84	-3.56
2000-2007	-4.28	-4.48	-1.91	-9.17	-4.13
Absolute Growth, percentage points					
1987-2007	-2.45	-0.65	-3.68	-8.53	-7.20
1987-2000	1.28	3.20	-2.10	-0.73	-3.40
2000-2007	-3.72	-3.85	-1.58	-7.80	-3.80
Average					
1989-2007	83.4	82.0	82.9	84.3	89.2
1989-2000	82.8	81.6	82.1	83.2	88.9
2000-2007	84.7	83.0	84.1	86.0	89.9

Source: Calculated by CSLS from Statistics Canada CANSIM Table 028-0002. Annual estimates calculated as the arithmetic mean of the four quarterly observations contained in the CANSIM series.

Table 22: Sawn Lumber Production and Shipments, Cubic Metres Dry, 1946-2007

	Sawn Lumber Production			Sawn Lumber, Total Shipments
	Total	Coniferous	Non-Coniferous	
1961	19,031,600	..	..	..
1973	35,607,700	..	..	32,796,500
1981	39,889,600	..	..	40,036,400
1982	37,815,800	..	..	38,672,200
1983	48,380,500	..	..	47,172,300
1984	49,647,600	..	..	47,411,400
1985	54,586,700	53,443,100	1,143,700	54,086,200
1986	54,852,900	53,399,900	1,452,800	54,819,500
1987	61,775,100	60,288,500	1,486,700	61,873,500
1988	60,729,300	59,374,700	1,354,800	60,330,100
1989	59,075,900	57,841,600	1,234,400	59,224,900
1990	54,544,300	53,501,500	1,042,900	54,062,300
1991	51,617,200	50,643,700	973,500	52,141,600
1992	55,709,000	54,605,000	1,104,000	56,262,100
1993	59,555,100	58,442,000	1,106,400	59,636,100
1994	62,409,600	61,228,400	1,181,100	61,671,800
1995	62,576,500	61,573,100	1,003,200	62,140,800
1996	64,781,000	63,897,500	883,300	64,934,500
1997	66,076,300	65,014,700	1,061,700	65,847,900
1998	64,810,100	63,807,900	1,002,200	64,361,600
1999	74,059,000	72,895,100	1,163,800	73,853,800
2000	76,785,700	75,213,100	1,572,400	76,012,200
2001	73,633,900	72,036,000	1,598,200	74,242,700
2002	79,803,700	77,952,500	1,851,100	79,562,900
2003	79,319,300	77,534,600	1,784,700	80,228,700
2004	84,589,600	82,773,800	1,815,800	84,944,400
2005	82,888,900	81,172,000	1,717,100	83,148,700
2006	80,870,400	79,228,300	1,641,900	80,434,300
2007	72,042,600	70,641,400	1,401,200	72,161,400

Compound Annual Growth Rate

1961-2007	2.94	..	..	..
1961-1973	5.36	..	..	..
1973-1981	1.43	..	..	2.52
1981-1989	5.03	..	..	5.02
1989-2000	2.41	2.42	2.22	2.29
2000-2007	-0.91	-0.89	-1.63	-0.74

Source: Statistics Canada CANSIM Table 303-0009.

Table 23: Top 100 Global Forest, Paper & Packaging Industry Companies, by sales, 2007

Rank 2007	Rank 2006	Company Name ¹	Country ¹⁰	Sales		Net Income		ROCE ²		Profit Margin	
				2007	2006	2007	2006	2007	2006	2007	2006
				(millions of current \$US)				(per cent)		(per cent)	
1	1	International Paper	United States	\$21,890	\$21,995	\$1,168	\$1,050	5.70%	5.30%	5.34	4.77
2	3	Stora Enso ³	Finland	18,322	16,274	-291	734	3.50%	7.00%	-1.59	4.51
3	4	Kimberly-Clark	United States	18,266	16,746	1,822	1,500	15.20%	12.10%	9.97	8.96
4	5	Svenska Cellulosa	Sweden	15,675	13,796	1,056	739	5.70%	6.00%	6.74	5.36
5	2	Weyerhaeuser ^{3,4}	United States	13,949	15,336	462	142	2.50%	1.90%	3.31	0.93
6	6	UPM	Finland	13,748	12,588	111	427	3.50%	3.80%	0.81	3.39
7	9	Oji Paper	Japan	10,758	10,439	146	181	2.30%	3.20%	1.36	1.73
8	8	Metsaliitto ³	Finland	10,507	10,362	-12	-31	1.40%	0.70%	-0.11	-0.30
9	10	Nippon Unipac	Japan	9,990	9,908	195	148	2.10%	1.70%	1.95	1.49
10	11	Smurfit Kappa	Ireland	9,963	8,833	202	-213	8.00%	4.00%	2.03	-2.41
11	12	Mondi Group ¹⁰	United Kingdom/South Africa	8,589	7,223	319	98	5.60%	3.20%	3.71	1.36
12	13	Smurfit-Stone	United States	7,420	7,157	-103	-59	2.00%	2.10%	-1.39	-0.82
13	14	MeadWestvaco	United States	6,906	6,530	285	93	4.80%	3.70%	4.13	1.42
14	16	PaperlinX	Australia	6,551	5,574	67	49	5.00%	3.80%	1.02	0.88
15	26	Domtar ³	Canada	5,947	3,306	70	-609	4.50%	3.50%	1.18	-18.42
16	19	Sequana Capital	France	5,928	4,998	195	1,203	4.30%	0.90%	3.29	24.07
17	15	Boise Cascade	United States	5,413	5,780	128	72	8.20%	6.30%	2.36	1.25
18	20	Sappi	South Africa	5,304	4,941	202	-4	6.10%	2.90%	3.81	-0.08
19	21	Norske Skog	Norway	4,637	4,495	-106	-438	7.10%	2.10%	-2.29	-9.74
20	29	Sumitomo Forestry ⁵	Japan	4,257	3,403	45	19	2.20%	1.20%	1.06	0.56
21	24	Sonoco	United States	4,040	3,657	214	182	10.50%	9.80%	5.30	4.98
22	17	Temple-Inland ^{3,6}	United States	3,926	4,185	1,305	468	0.70%	1.50%	33.24	11.18
23	23	AbitibiBowater	Canada	3,876	3,530	-490	-138	-4.00%	1.90%	-12.64	-3.91
24	32	Cascades	Canada	3,674	3,001	89	3	4.60%	3.50%	2.42	0.10
25	36	Arauco	Chile	3,576	2,850	697	622	11.90%	11.30%	19.49	21.82
26	31	DS Smith	United Kingdom	3,534	3,046	121	8	6.80%	10.20%	3.42	0.26
27	27	Daio Paper	Japan	3,520	3,460	90	80	3.20%	3.20%	2.56	2.31
28	28	Rengo	Japan	3,500	3,459	80	112	2.50%	3.60%	2.29	3.24
29	33	Cartiere Burgo	Italy	3,263	2,991	18	27	0.50%	2.10%	0.55	0.90
30	41	CMPC	Chile	3,227	2,260	502	205	8.30%	4.30%	15.56	9.07
31	35	West Fraser Timber	Canada	3,100	2,933	-32	351	-0.40%	4.30%	-1.03	11.97
32	30	Canfor	Canada	3,063	3,389	-337	416	-3.00%	-0.10%	-11.00	12.28
33	38	Holmen	Sweden	2,836	2,529	223	198	9.90%	6.40%	7.86	7.83
34	47	Sonae Industria	Portugal	2,830	2,134	108	40	8.60%	1.90%	3.82	1.87

Rank	Rank	Company Name ¹	Country ¹⁰	Sales		Net Income		ROCE ²		Profit Margin	
				2007	2006	2007	2006	2007	2006	2007	2006
				(millions of current \$US)				(per cent)		(per cent)	
35	44	Sodra	Sweden	2,634	2,161	202	172	9.80%	10.50%	7.67	7.96
36	34	Tembec ³	Canada	2,571	2,660	-46	-258	-0.10%	-2.70%	-1.79	-9.70
37	40	Unicharm	Japan	2,566	2,325	128	131	8.80%	10.50%	4.99	5.63
38	37	Universal Forest Products	United States	2,513	2,665	21	70	4.90%	11.20%	0.84	2.63
39	55	Pfleiderer	Germany	2,467	1,778	79	105	8.20%	7.80%	3.20	5.91
40	39	Graphic Packaging ³	United States	2,421	2,321	-75	-101	3.10%	1.10%	-3.10	-4.35
41	49	Ahlstrom	Finland	2,413	2,009	1	72	1.30%	5.10%	0.04	3.58
42	52	Mayr-Melnhof Karton	Austria	2,380	1,900	160	133	8.60%	9.20%	6.72	7.00
43	43	Packaging Corp of America	United States	2,317	2,187	170	125	10.40%	8.50%	7.34	5.72
44	46	Rock-Tenn	United States	2,316	2,138	82	29	7.80%	4.80%	3.54	1.36
45	48	NewPage Corporation	United States	2,168	2,038	-22	-32	3.10%	4.80%	-1.01	-1.57
46	54	The Lecta Group	United Kingdom	2,082	1,810	-42	22	0.80%	3.20%	-2.02	1.22
47	50	Mitsubishi Paper	Japan	2,076	1,965	62	62	1.80%	3.80%	2.99	3.16
48	64	Shandong Chenming	China	2,001	1,477	128	75	6.30%	6.50%	6.40	5.08
49	51	Myllykoski	Finland	1,980	1,925	1	-48	1.60%	4.60%	0.05	-2.49
50	53	Kimberly-Clark Mexico	Mexico	1,976	1,848	343	325	20.30%	17.70%	17.36	17.59
51	58	Aracruz	Brazil	1,884	1,681	422	455	9.50%	15.80%	22.40	27.07
52	56	Hansol-Paper	Korea	1,762	1,706	-4	-119	1.60%	-3.40%	-0.23	-6.98
53	66	Suzano	Brazil	1,760	1,429	278	205	6.00%	5.80%	15.80	14.35
54	42	Louisiana-Pacific	United States	1,705	2,187	-180	124	-2.90%	5.10%	-10.56	5.67
55	62	Potlatch ³	United States	1,654	1,599	56	139	7.80%	9.80%	3.39	8.69
56	-	Verso ⁷	United States	1,629	1,611	-81	11	0.40%	3.60%	-4.97	0.68
57	59	Catalyst	Canada	1,604	1,660	-30	-14	2.50%	0.00%	-1.87	-0.84
58	67	Portucel	Portugal	1,572	1,357	211	157	10.20%	7.40%	13.42	11.57
59	72	Klabin	Brazil	1,443	1,251	321	218	9.20%	13.40%	22.25	17.43
60	65	Daiken	Japan	1,431	1,430	-37	21	-0.50%	4.10%	-2.59	1.47
61	76	Siam Pulp & Paper	Thailand	1,404	1,109	75	93	8.00%	11.50%	5.34	8.39
62	74	Yuen Foong Yu Paper	Taiwan	1,352	1,219	34	35	-0.10%	2.90%	2.51	2.87
63	68	Hokuetsu Paper	Japan	1,351	1,322	38	28	2.80%	2.00%	2.81	2.12
64	69	Votorantim Cellulose ⁹	Brazil	1,333	1,317	1,221	372	10.90%	11.90%	91.60	28.25
65	82	Nine Dragons Paper	China	1,298	988	264	172	13.00%	14.20%	20.34	17.41
66	61	Plum Creek Timber ^{3,4}	United States	1,273	1,319	52	161	3.80%	8.70%	4.08	12.21
67	70	Tomoku	Japan	1,263	1,271	6	20	2.20%	2.60%	0.48	1.57
68	75	Wausau-Mosinee Paper	United States	1,240	1,188	-2	18	1.40%	3.70%	-0.16	1.52
69	73	Rayonier	United States	1,225	1,230	174	193	11.40%	12.50%	14.20	15.69
70	80	P H Glatfelter	United States	1,157	997	63	-12	2.60%	-0.80%	5.45	-1.20
71	79	Billerud	Sweden	1,148	999	50	42	5.50%	5.70%	4.36	4.20

Rank 2007	Rank 2006	Company Name ¹	Country ¹⁰	Sales		Net Income		ROCE ²		Profit Margin	
				2007	2006	2007	2006	2007	2006	2007	2006
				(millions of current \$US)				(per cent)		(per cent)	
72	88	Kinnevik (Korsnas)	Sweden	1,136	858	94	78	1.60%	2.10%	8.27	9.09
73	78	Nampak	South Africa	1,117	1,047	39	47	5.40%	8.10%	3.49	4.49
74	71	Norbord (Nexfor)	Canada	1,104	1,252	-45	97	-1.40%	11.40%	-4.08	7.75
75	90	Sveaskog	Sweden	1,075	820	210	291	3.30%	4.60%	19.53	35.49
76	85	Cheng Loong	Taiwan	1,028	901	19	24	3.60%	3.20%	1.85	2.66
77	87	Masisa SA	Chile	966	887	41	30	2.50%	2.40%	4.24	3.38
78	92	Mercer International	Canada	964	784	30	80	5.70%	5.40%	3.11	10.20
79	77	Appleton Papers ³	United States	963	974	-6	11	3.40%	6.60%	-0.62	1.13
80	83	Chuetsu Pulp & Paper	Japan	960	955	-15	3	0.10%	0.60%	-1.56	0.31
81	86	Grupo Industrial Durango ³	Mexico	911	861	-28	-6	0.50%	2.40%	-3.07	-0.70
82	-	Setra Group ⁷	Sweden	897	794	78	30	25.20%	12.30%	8.70	3.78
83	91	ENCE	Spain	888	812	80	63	6.50%	5.40%	9.01	7.76
84	93	Groupe Gascogne	France	867	758	17	13	4.60%	3.60%	1.96	1.72
85	81	Caraustar Industries ³	United States	854	933	-25	47	0.20%	1.70%	-2.93	5.04
86	92	Western Forest Products	Canada	832	790	-52	30	-6.10%	-2.10%	-6.25	3.80
87	-	Shandong Huatai Paper ⁷	China	796	530	66	53	8.40%	9.10%	8.29	10.00
88	95	Buckeye Technologies	United States	769	728	30	2	6.50%	-4.90%	3.90	0.27
89	-	Heinzel Holding ⁷	Austria	760	579	48	-9	9.20%	4.70%	6.32	-1.55
90	99	Schweitzer-Mauduit	United States	715	655	3	-1	5.50%	3.40%	0.42	-0.15
91	97	Fraser Papers ³	Canada	714	796	-44	-114	-11.90%	-6.80%	-6.16	-14.32
92	-	Sino Forest Corporation ^{7,10}	China/Canada	713	555	152	113	12.80%	12.40%	21.32	20.36
93	98	The Pack	Japan	710	695	26	24	11.00%	10.40%	3.66	3.45
94	100	Shan Dong Sun Paper ³	China	671	676	50	45	9.20%	10.60%	7.45	6.66
95	-	Lee & Mann ⁷	China	660	484	129	77	15.00%	12.60%	19.55	15.91
96	-	Corticierra Amorin ⁷	Portugal	621	555	32	25	5.40%	7.70%	5.15	4.50
97	-	Otor ⁷	France	604	510	36	-29	7.20%	-4.50%	5.96	-5.69
98	96	Interfor	Canada	571	727	-12	84	-2.40%	6.70%	-2.10	11.55
99	-	Ballarpur Industries ⁷	India	556	423	61	47	8.30%	8.10%	10.97	11.11
100	94	Ainsworth	Canada	509	730	-202	-95	-5.10%	-2.50%	-39.69	-13.01

Source: PricewaterhouseCoopers, 2008.

Notes:

Rank	Rank	Company Name ¹	Country ¹⁰	Sales		Net Income		ROCE ²		Profit Margin	
2007	2006			2007	2006	2007	2006	2007	2006	2007	2006
				(millions of current \$US)		(per cent)		(per cent)			

1. All companies have December 31, 2007 year ends except those listed below:

March 31, 2007: All Japanese Companies

April 30, 2007: DS Smith

June 30, 2007: Buckeye Technologies, PaperlinX, Nine Dragons Paper, Ballarpur Industries

September 30, 2007: Rock-Tenn, Sappi, Tembec

2. Return on Capital Employed is calculated as net income before unusual items, minority interest, and interest expense, on an after tax basis, divided by average total assets less average non-interest bearing current liabilities.

3. 2006 sales have been restated by the companies.

4. Weyerhaeuser and Plum Creek results exclude the Real Estate Divisions.

5. Results are reported for identifiable forest segment only. Estimates have been made to allocate company-wide expenses as required.

6. Temple Inland results includes \$2.01 billion from sales of timberland.

7. New addition this year.

8. Weyerhaeuser results include income from discontinued operations.

9. Votorantim Cellulose results include \$989 million gains on exchange of assets.

10. Country's head office is used for grouping (i.e Mondi has dual listings and head offices in the UK and South Africa, and Sino Forest's head office is in Canada, while all its operations are based in China).

Other Notes:

The PwC Top 100 results include only companies whose forest paper and fibre packaging products business comprise more than 50% of total sales.

Foreign exchange fluctuations can have a significant impact on the data presented. The PwC survey directly adopted the results of companies that report in US dollars; otherwise, PwC

Table 24: Stock of Foreign Direct Investment, Wood Product and Paper Manufacturing Subsectors, millions of current dollars, 1983-2007

Foreign Direct Investment in Canada					
Old SIC Series			New NAICS Series		
All Industries	Wood and Paper	Wood Product Manufacturing [321]	Paper Manufacturing [322]	Aggregate Wood Products and Paper Manufacturing	
1983	79,669	3,262			3,008
1984	85,984	3,390			3,126
1985	90,358	3,558			3,281
1986	96,054	3,526			3,251
1987	105,937	5,310			4,896
1988	114,175	5,452			5,027
1989	122,664	7,308			6,739
1990	130,932	7,599			7,007
1991	135,234	7,902			7,287
1992	137,918	8,895			8,202
1993	141,493	9,109			8,400
1994	154,594	9,598			8,851
1995	168,167	10,010			9,230
1996	182,126	10,206			9,411
1997	194,277	12,595			11,614
1998	219,389	13,487			12,437
1999	252,563	15,345	2,353	11,797	14,150
2000	319,116	16,384	2,522	10,560	13,082
2001	340,429	14,898	2,686	11,375	14,061
2002	356,819	15,066	2,743	10,871	13,614
2003	373,685	15,113	3,138	10,845	13,983
2004	379,450	13,095	2,404	9,504	11,908
2005	395,238	14,110	2,608	10,185	12,793
2006	437,801	14,974	2,762	10,929	13,691
2007	500,851	17,309	2,828	13,511	16,339

Compound Annual Growth Rate

1983-2007	7.96	7.20	..	..	7.31
1983-1989	7.46	14.39	..	..	14.39
1989-2007	8.13	4.91	..	..	5.04
1989-2000	9.08	7.62	..	..	6.22
2000-2007	6.65	0.79	1.65	3.58	3.23
2000-2004	4.42	-5.45	-1.19	-2.60	-2.32

Source:

SIC Series Statistics Canada, CANSIM Table 376-0038

NAICS Series Statistics Canada CANSIM Table 376-0052, aggregate for the wood products and paper manufacturing subsectors was constructed prior to 1999 using the rate of growth from the SIC series

Table 25a: Logging Industry (11331), Canada, 1990-2006

	Number of Establishments	Value-Added per Establishment (millions of current dollars)	Number of Employees per Establishment
1990	8,458	377,620	5.2
1991	8,031	361,850	5.0
1992	8,716	371,903	4.8
1993	8,589	419,827	4.9
1994	7,452	505,658	5.0
1995	9,638	426,562	4.6
1996	9,614	456,819	4.8
1997	8,958	467,734	5.2
1998	8,364	524,015	5.9
1999	9,541	480,606	4.9
2000	x	..	..
2001	x	..	..
2002	x	..	..
2003	x	..	..
2004	10,293	588,023	4.8
2005	14,567	435,856	3.6
2006	13,779	433,219	3.5

Source:

1990-2003: Statistics Canada Annual Survey of Forestry, CANSIM Table 301-0004

2004-2006: Statistics Canada Annual Survey of Manufactures and Logging, CANSIM Table 301-0007

Notes:

A solid black line indicates a break in a series before and after which data are not directly comparable.

Table 25b: Establishment Size, Wood Product Manufacturing, Canada, 1990-2006

	Number of Establishments	Value-Added per Establishment (millions of current dollars)	Number of Employees per Establishment
1990	2,653	1.96	39.3
1991	2,409	1.90	37.9
1992	2,285	2.49	41.8
1993	2,202	3.61	46.2
1994	2,206	4.39	49.5
1995	2,237	3.78	49.1
1996	2,448	3.77	47.0
1997	2,350	4.11	51.1
1998	2,326	4.18	53.0
1999	2,144	5.79	59.4
2000	3,751	3.33	35.7
2001	3,740	3.12	34.7
2002	3,774	3.35	35.1
2003	3,747	3.19	34.6
2004	6,558	2.37	19.5
2005	5,981	2.19	20.8
2006	5,936	1.97	20.6

Source:

1990-2003: Statistics Canada Annual Survey of Forestry, CANSIM Table 301-0004

2004-2006: Statistics Canada Annual Survey of Manufactures and

Notes:

A solid black line indicates a break in a series before and after which data are not directly comparable.

Table 25c: Establishment Size, Paper Manufacturing, Canada, 1990-2006

	Paper Manufacturing [322]			Pulp, paper and paperboard mills [3221]			Converted paper product manufacturing [3222]		
	Number of Establishments	Value-Added per Establishment (millions of current dollars)	Number of Employees per Establishment	Number of Establishments	Value-Added per Establishment (millions of current dollars)	Number of Employees per Establishment	Number of Establishments	Value-Added per Establishment (millions of current dollars)	Number of Employees per Establishment
1990	712	14,478,277	160	157	52,317,662	502	555	3,774,162	64
1991	673	11,845,675	163	161	36,941,236	475	512	3,954,297	65
1992	665	11,555,738	156	162	35,512,327	436	503	3,840,097	66
1993	648	11,991,864	155	163	35,283,442	425	485	4,163,973	65
1994	654	16,122,820	154	165	50,452,806	415	489	4,539,082	65
1995	676	26,333,093	153	169	90,554,036	410	507	4,926,112	68
1996	696	18,928,204	147	173	60,764,468	393	523	5,089,440	66
1997	659	19,434,662	154	179	56,266,978	377	480	5,699,277	71
1998	669	20,038,299	147	167	61,745,222	365	502	6,163,685	75
1999	663	20,788,057	156	182	57,293,747	340	481	6,975,094	86
2000	872	20,933,365	111	207	68,974,797	281	665	5,979,114	58
2001	850	18,749,061	112	208	56,756,538	269	642	6,435,112	61
2002	846	17,060,260	112	202	50,090,030	272	644	6,699,991	62
2003	870	14,978,468	106	213	41,434,568	252	657	6,401,376	59
2004	1,173	11,320,319	73	274	32,956,967	181	899	4,725,834	40
2005	1,080	11,428,971	76	283	29,059,346	165	797	5,168,750	44
2006	1,029	11,405,433	72	252	31,371,984	163	777	4,929,795	43

Source:

2004-2006: Statistics Canada Annual Survey of Manufactures and Logging CANSIM Table 301-0006

1990-2003: Statistics Canada Annual Survey of Manufactures CANSIM Table 301-0003

Notes:

A solid black line indicates a break in a series before and after which data are not directly comparable.

Table 25d: Number of Establishments, Paper Manufacturing, Canada, 1990-2006

	Pulp, Paper and Paperboard Mills [3221]						Converted Paper Product Manufacturing [3222]					
	Total, Paper Manufacturing [322]	Total, Pulp, Paper and Paperboard Mills [3221]	Pulp Mills [32211]	Paper Mills [32212]			Paperboard Mills [32213]	Total, Converted Paper Product Manufacturing [3222]	Paperboard Container Manufacturing [32221]	Paper Bag and Coated and Treated Paper Manufacturing [32222]	Stationery Product Manufacturing [32223]	Other Converted Paper Product Manufacturing [32229]
				Total, Paper Mills [32212]	Paper (Except Newsprint) Mills [322121]	Newsprint Mills [322122]						
1990	712	157	35	99	x	x	23	555	273	107	76	99
1991	673	161	38	100	x	x	23	512	262	95	65	90
1992	665	162	37	99	x	x	26	503	265	86	66	86
1993	648	163	38	100	x	x	25	485	246	88	62	89
1994	654	165	39	101	x	x	25	489	247	93	64	85
1995	676	169	41	103	x	x	25	507	252	98	67	90
1996	696	173	43	106	x	x	24	523	262	105	63	93
1997	659	179	45	104	x	x	30	480	261	87	55	77
1998	669	167	47	90	45	45	30	502	265	106	65	66
1999	663	182	49	98	48	50	35	481	256	107	60	58
2000	872	207	59	109	59	50	39	665	319	157	85	104
2001	850	208	56	109	60	49	43	642	305	159	76	102
2002	846	202	50	108	61	47	44	644	305	156	83	100
2003	870	213	51	112	70	42	50	657	304	164	83	106
2004	1,173	274	84	133	88	45	57	899	339	219	121	220
2005	1,080	283	76	150	105	45	57	797	347	189	98	163
2006	1,029	252	66	129	89	40	57	777	337	187	95	158

Source:

2004-2006: Statistics Canada Annual Survey of Manufactures and Logging CANSIM Table 301-0006

1990-2003: Statistics Canada Annual Survey of Manufactures CANSIM Table 301-0003

Note: Due to changes in survey design and coverage, a solid line indicates a break. Series before and after a break are not directly comparable.

Table 25e: Number of Establishments, Forest Products Sector, Canada, 1990-2006

All industries	Forest Products Sector																					
	Total, Forest Products Sector	Forestry and Logging	Wood product manufacturing [321]									Paper manufacturing [322]										
			Wood Product Manufacturing	Sawmills and wood preservation [3211]	Veneer, plywood and engineered wood				Other wood product			Pulp, paper and paperboard mills [3221]						Converted paper product manufacturing				
					Total, Veneer, plywood and engineered wood product manufacturing [3212]	Veneer and plywood mills [32121A]	Structural wood product manufacturing [321215]	Particle board, fibreboard and waferboard mills [32121B]	Total, Other wood product manufacturing [3219]	Millwork [32191]	Wood container and other wood product manufacturing [3219X]	Total, Paper manufacturing [322]	Total, Pulp, paper and paperboard mills [3221]	Pulp Mills	Paper mills [32212]	Paper (except newsprint) Mills	Newsprint Mills	Paperboard Mills	Converted Paper Product Manufacturing	Paperboard container manufacturing [32221]	Paper bag and coated and treated paper manufacturing [32222]	Stationery and other converted paper product manufacturing [3222X]
1990	8,458	2,653	1,013	204						814	215	712	157	35	99	x	x	23	555	273	107	175
1991	8,031	2,409	951	212						714	189	673	161	38	100	x	x	23	512	262	95	155
1992	8,716	2,285	916	212						670	171	665	162	37	99	x	x	26	503	265	86	152
1993	8,589	2,202	912	202						628	160	648	163	38	100	x	x	25	485	246	88	151
1994	7,452	2,206	931	210						608	162	654	165	39	101	x	x	25	489	247	93	149
1995	9,638	2,237	977	217						576	163	676	169	41	103	x	x	25	507	252	98	157
1996	9,614	2,448	1,020	231						655	192	696	173	43	106	x	x	24	523	262	105	156
1997	8,958	2,350	980	256						615	187	659	179	45	104	x	x	30	480	261	87	132
1998	8,364	2,326	977	276						598	186	669	167	47	90	45	45	30	502	265	106	131
1999	9,541	2,144	908	268						546	169	663	182	49	98	48	50	35	481	256	107	118
2000	x	3,751	1,379	408						1,027	322	872	207	59	109	59	50	39	665	319	157	189
2001	x	3,740	1,339	393						1,087	322	850	208	56	109	60	49	43	642	305	159	178
2002	x	3,774	1,323	395						1,124	333	846	202	50	108	61	47	44	644	305	156	183
2003	x	3,747	1,295	401						1,141	328	870	213	51	112	70	42	50	657	304	164	189
2004	10,293	6,558	2,393	504						1,666	629	1,173	274	84	133	88	45	57	899	219	121	220
2005	14,567	5,981	2,055	490						1,622	527	1,080	283	76	150	105	45	57	797	189	98	163
2006	13,779	5,936	1,976	517						1,615	529	1,029	252	66	129	89	40	57	777	187	95	158

Source:

2004-2006: Statistics Canada Annual Survey of Manufactures and Logging CANSIM Table 301-0006

1990-2003: Statistics Canada Annual Survey of Manufactures CANSIM Table 301-0003

Notes:

1. A number of major conceptual and methodological changes were made to the Annual Survey of Manufactures (ASM) for reference year 2000. The following two changes accounted for just under half of the 15% increase in manufacturing shipments for Canada between 1999 and 2000. These changes included: the use of the Statistics Canada's Business Register (BR) to identify in-scope businesses for the ASM and the expansion in the coverage of the ASM to include all manufacturing activity in Canada.
2. The Business Register (BR) is a central listing of all businesses operating in Canada. This tool identified approximately 25,000 incorporated businesses with employees having sales of manufactured goods greater than or equal to \$30,000 in manufactured goods that were missing from the Annual Survey of Manufactures (ASM) survey coverage prior to reference year 2000. Since most of these units were relatively small, they accounted for only about 5% of total manufacturing shipments for Canada in 2000. The impact of incorporating these missing units into the ASM varied by industry and province.
3. Beginning with reference year 2000, the Annual Survey of Manufactures (ASM) survey coverage increased by an additional 35,000 units to include all incorporated businesses with sales of less than \$30,000 in manufactured goods and all unincorporated manufacturers. In 2000, these additional units contributed about 2% to total manufacturing shipments for Canada. The impact of incorporating these additional units into the ASM varied by industry and province.

Table 25f: Real GDP per Establishment, Forest Products Sector, Canada, Millions of Constant 2002 Dollars, 1990-2006

All industries	Forest Products Sector																					
	Total, Forest Products Sector	Forestry and Logging	Wood product manufacturing [321]										Paper manufacturing [322]									
			Wood Product Manufacturing	Sawmills and wood preservation [3211]	Veneer, plywood and engineered wood				Other wood product			Total, Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]						Converted paper product manufacturing			
					Total, Veneer, plywood and engineered wood product manufacturing [3212]	Veneer and plywood mills [32121A]	Structural wood product manufacturing [321215]	Particle board, fibreboard and waferboard mills [32121B]	Total, Other wood product manufacturing [3219]	Millwork [32191]	Wood container and other wood product manufacturing [3219X]		Total, Pulp, paper and paperboard mills [3221]	Pulp Mills	Paper mills [32212]	Paper (except newsprint) Mills	Newsprint Mills	Paperboard Mills	Converted Paper Product Manufacturing	Paperboard container manufacturing [32221]	Paper bag and coated and treated paper manufacturing [32222]	Stationery and other converted paper product manufacturing [3222X]
1990	0.6	2.9	..	..	..	..	..	..	..	13.6	45.1	..	..	..	..	..	4.6	..	..	..
1991	0.6	2.9	..	..	..	..	..	..	..	13.7	41.2	..	..	..	..	..	5.0	..	..	..
1992	0.5	3.2	..	..	..	..	..	..	..	14.2	42.4	..	..	..	..	..	5.1	..	..	..
1993	0.6	3.5	..	..	..	..	..	..	..	15.7	45.2	..	..	..	..	..	5.6	..	..	..
1994	0.7	3.5	..	..	..	..	..	..	..	16.3	46.8	..	..	..	..	..	5.9	..	..	..
1995	0.5	3.5	..	..	..	..	..	..	..	15.6	43.6	..	..	..	..	..	6.2	..	..	..
1996	0.5	3.3	..	..	..	..	..	..	..	15.4	41.9	..	..	..	..	..	6.5	..	..	..
1997	0.6	3.9	5.7	6.6	..	..	..	1.8	4.0	16.4	42.2	34.4	48.6	..	..	33.5	6.7	7.3	7.5	5.8
1998	0.6	4.2	6.0	6.4	..	..	..	2.0	4.0	15.8	43.0	33.3	52.4	40.2	64.9	31.5	6.7	6.9	7.0	6.6
1999	0.6	4.8	6.6	7.6	..	..	..	2.6	4.7	17.4	44.5	37.7	52.9	38.6	66.4	32.4	7.0	6.7	7.5	7.4
2000	3.1	4.8	5.4	..	..	..	1.6	2.8	13.8	41.6	32.3	52.1	36.4	70.7	27.2	4.8	5.1	4.9	4.5
2001	2.9	4.5	5.6	..	..	..	1.6	2.8	13.3	37.2	31.4	45.9	31.5	63.6	23.5	5.5	5.7	6.3	4.7
2002	3.2	5.0	6.3	..	..	..	1.8	2.8	14.0	40.2	36.0	49.9	33.0	71.8	21.0	5.8	5.6	7.1	5.0
2003	3.2	5.1	6.5	..	..	..	1.8	3.0	13.7	37.7	33.4	48.8	36.8	68.9	17.2	5.9	5.9	6.9	4.9
2004	0.6	1.93	2.8	5.4	..	..	..	1.3	1.6	10.3	30.1	22.4	41.5	31.1	62.0	14.8	4.2	8.0	9.1	4.3
2005	0.4	2.15	3.3	5.8	..	..	..	1.4	2.0	10.7	27.9	23.7	35.3	25.1	58.9	14.1	4.6	8.7	10.8	6.0
2006	0.430	2.07	3.3	5.2	..	..	..	1.2	2.1	10.3	29.0	25.3	37.8	27.3	61.1	13.5	4.2	7.8	9.7	5.7
CAGR																						
1990-1999	-1.12	5.59	..	..	..	..	..	..	..	2.75	-0.16	..	..	..	..	..	4.70	..	..	..
2000-2003	2.01	2.05	6.33	..	..	..	2.26	1.49	-0.23	-3.22	1.17	-2.13	0.34	-0.86	-14.13	6.58	4.49	12.12	3.28
2004-2006	-15.54	3.45	7.79	-1.45	..	..	..	-3.19	13.57	0.18	-1.83	6.28	-4.63	-6.27	-0.73	-4.55	0.19	-1.38	3.51	16.09

Source:

Appendix Tables 1a and 25e

Note:

Series may not be comparable between 1999 and 2000 and 2003 and 2004 due to changes in Statistics Canada surveys. See notes for Appendix Table 25e

Table 26: Employment by Enterprise Size, Forestry, Logging and Support Activities, Canada, 2000-2007

	All Sizes	Number of Employees									
		0 to 4	5 to 19	20 to 49	50 to 99	100 to 299	300 to 499	500 and more	0 to 49	50 to 299	300 and more
2000	78,328	12,546	17,307	9,606	5,867	5,718	x	x	39,459	11,585	27,284
2001	75,829	10,899	17,407	10,460	6,105	6,046	x	x	38,766	12,150	24,913
2002	71,226	10,982	16,268	10,030	5,399	4,824	x	x	37,280	10,223	23,723
2003	71,338	10,302	16,659	11,430	6,936	6,661	2,092	17,257	38,391	13,597	19,349
2004	71,399	9,703	17,986	12,306	6,860	7,327	2,789	14,428	39,995	14,187	17,217
2005	68,970	9,845	17,104	12,306	6,840	7,651	2,468	12,757	39,255	14,491	15,225
2006	64,189	9,554	15,879	11,315	6,264	7,830	2,742	10,607	36,747	14,094	13,348
2007	58,409	8,795	14,659	10,101	6,157	6,528	1,605	10,565	33,555	12,685	12,169

Compound Annual Rate of Growth

2000-2007	-4.11	-4.95	-2.34	0.72	0.69	1.91	..	..	-2.29	1.30	-10.89
2003-2007	-4.88	-3.88	-3.15	-3.04	-2.93	-0.50	-6.41	-11.54	-3.31	-1.72	-10.95

Minimum Number of Establishments, per size class

2000								x			91
2001								x			83
2002								x			79
2003								35			64
2004								29			57
2005								26			51
2006								21			44
2007								21			41

Table 27: Operating Profits/Losses, Forest Products Sector, Canada, Millions of Current Dollars, 1999-2006

	Forestry, Logging and Support Activities¹	Wood Product Manufacturing	Paper Manufacturing
2000	476	2,531	5,080
2001	437	1,460	3,777
2002	436	1,922	2,419
2003	298	1,326	1,204
2004	486	4,968	1,376
2005	446	2,533	443
2006	488	960	931
Compound Annual Growth Rate			
2000-2006	0.42	-14.92	-24.63

Source: Statistics Canada CANSIM Table 180-0003 and 180-0001

Notes:

1. This combines the North American Industry Classification System (NAICS) codes 113 and 1153.

Table 28: Canada-US Exchange Rate, 1989-2007

	USD buys X CAD	CAD buys X USD	USD buys X CAD	CAD buys X USD
			Annual Average	
1989-03	1.1919	0.8390		
1989-06	1.1932	0.8381		
1989-09	1.1823	0.8458		
1989-12	1.1685	0.8558	1.1840	0.8447
1990-03	1.1826	0.8456		
1990-06	1.1704	0.8544		
1990-09	1.1531	0.8672		
1990-12	1.1610	0.8613	1.1668	0.8571
1991-03	1.1558	0.8652		
1991-06	1.1489	0.8704		
1991-09	1.1436	0.8744		
1991-12	1.1347	0.8813	1.1458	0.8728
1992-03	1.1772	0.8495		
1992-06	1.1942	0.8374		
1992-09	1.2016	0.8322		
1992-12	1.2619	0.7925	1.2087	0.8279
1993-03	1.2614	0.7928		
1993-06	1.2702	0.7873		
1993-09	1.3039	0.7669		
1993-12	1.3249	0.7548	1.2901	0.7754
1994-03	1.3413	0.7455		
1994-06	1.3824	0.7234		
1994-09	1.3713	0.7292		
1994-12	1.3678	0.7311	1.3657	0.7323
1995-03	1.4069	0.7108		
1995-06	1.3713	0.7292		
1995-09	1.3555	0.7377		
1995-12	1.3560	0.7375	1.3724	0.7288
1996-03	1.3691	0.7304		
1996-06	1.3645	0.7329		
1996-09	1.3701	0.7299		
1996-12	1.3503	0.7406	1.3635	0.7334
1997-03	1.3585	0.7361		
1997-06	1.3861	0.7214		
1997-09	1.3848	0.7221		
1997-12	1.4089	0.7098	1.3846	0.7224
1998-03	1.4304	0.6991		
1998-06	1.4467	0.6912		
1998-09	1.5148	0.6602		
1998-12	1.5422	0.6484	1.4835	0.6747
1999-03	1.5113	0.6617		
1999-06	1.4728	0.6790		
1999-09	1.4860	0.6729		
1999-12	1.4727	0.6790	1.4857	0.6732

Table 28: Canada-US Exchange Rate, 1989-2007

2000-03	1.4535	0.6880		
2000-06	1.4802	0.6756		
2000-09	1.4822	0.6747		
2000-12	1.5257	0.6554	1.4854	0.6734
2001-03	1.5278	0.6545		
2001-06	1.5411	0.6489		
2001-09	1.5461	0.6468		
2001-12	1.5804	0.6328	1.5489	0.6457
2002-03	1.5944	0.6272		
2002-06	1.5542	0.6434		
2002-09	1.5632	0.6397		
2002-12	1.5695	0.6371	1.5703	0.6369
2003-03	1.5098	0.6623		
2003-06	1.3984	0.7151		
2003-09	1.3801	0.7246		
2003-12	1.3158	0.7600	1.4010	0.7155
2004-03	1.3178	0.7588		
2004-06	1.3595	0.7356		
2004-09	1.3072	0.7650		
2004-12	1.2207	0.8192	1.3013	0.7697
2005-03	1.2270	0.8150		
2005-06	1.2439	0.8039		
2005-09	1.2015	0.8323		
2005-12	1.1732	0.8524	1.2114	0.8259
2006-03	1.1545	0.8662		
2006-06	1.1224	0.8909		
2006-09	1.1212	0.8919		
2006-12	1.1393	0.8777	1.1344	0.8817
2007-03	1.1716	0.8535		
2007-06	1.0981	0.9107		
2007-09	1.0446	0.9573		
2007-12	0.9818	1.0185	1.0740	0.9350
Compound Annual Growth Rate				
1989-2007			-0.540004196	0.57
1989-2000			2.08	-2.04
2000-2007			-4.53	4.80

Source: Statistics Canada CANSIM Table 387-0006

Table 29: Exports, Forest Products, Canada, Millions of Current Current Dollars, 1989-2007

	Lumber	Other wood fabricated materials	Wood pulp and similar pulp	Newsprint paper	Other paper and paperboard
1989	5,591	1,060	6,941	6,507	1,753
1990	5,463	1,085	6,123	6,463	2,217
1991	5,226	966	4,938	6,499	2,215
1992	6,607	1,368	5,069	6,317	2,526
1993	9,515	1,787	4,641	6,657	2,813
1994	11,460	2,324	6,755	6,969	3,444
1995	10,966	2,735	10,938	9,480	4,785
1996	12,591	2,973	6,923	8,850	4,441
1997	13,081	3,487	6,917	7,958	4,711
1998	11,755	4,549	6,718	8,094	5,432
1999	13,414	5,965	7,468	8,255	5,781
2000	12,286	5,603	9,906	8,984	6,388
2001	11,703	5,385	7,356	9,295	6,356
2002	11,006	5,657	7,003	8,319	5,705
2003	9,070	6,363	6,878	7,361	4,962
2004	11,673	7,943	7,210	7,365	5,296
2005	10,568	7,262	6,328	7,472	5,099
2006	9,324	5,885	6,505	6,846	4,719
2007	7,479	4,161	7,117	5,975	4,345

Compound Annual Growth Rate

1989-2007	1.63	7.89	0.14	-0.47	5.17
1989-2000	7.42	16.34	3.29	2.98	12.47
2000-2007	-6.84	-4.16	-4.61	-5.66	-5.36

Source: Statistics Canada CANSIM Table 228-0003

Table 600: Labour Productivity and Hours Worked, Canada, Forest Products Sector, 1979-2003

	Millions of Hours Worked					Labour Productivity, Real Value Added per Hour Worked, 1995 Canadian Dollars				
	Total, All Industries	Forest Products Industry				Total, All Industries	Forest Products Industry			
		Total, Forest Products Industry	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Industry	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	19,442	674	136	252	287	26.62	37.29	44.66	24.00	50.47
1980	19,727	654	129	235	291	26.81	43.08	60.50	27.11	50.40
1981	20,326	648	148	220	281	26.62	40.00	52.56	24.14	48.50
1982	19,503	572	126	191	255	27.03	38.55	54.90	23.23	44.21
1983	19,620	587	139	202	246	27.69	41.87	60.96	27.22	47.72
1984	20,128	598	144	203	251	28.38	44.20	55.08	30.34	51.51
1985	20,849	601	137	212	251	28.70	43.96	53.09	32.89	50.29
1986	21,474	612	134	224	254	28.72	42.92	44.81	31.37	53.17
1987	22,249	650	143	247	261	28.82	42.89	36.91	32.68	55.89
1988	23,147	669	150	252	267	29.00	44.73	44.33	33.02	56.86
1989	23,625	658	150	248	260	29.12	45.54	55.72	32.81	54.41
1990	23,598	611	138	230	244	29.22	45.06	58.46	32.93	52.39
1991	22,905	552	129	195	228	29.75	42.27	50.36	34.29	45.97
1992	22,640	556	132	202	223	30.29	41.51	48.93	34.93	43.57
1993	22,939	566	129	222	215	30.69	43.72	64.72	33.30	47.19
1994	23,585	615	159	237	219	31.11	39.51	41.18	31.82	52.70
1995	23,913	645	176	240	228	31.39	42.61	31.40	31.11	63.37
1996	24,255	620	146	250	224	31.40	44.52	45.85	30.79	59.87
1997	24,852	638	158	262	218	32.01	44.83	49.11	34.17	57.11
1998	25,451	620	157	254	209	32.51	47.55	50.38	36.96	60.08
1999	26,247	643	154	275	215	33.26	45.38	48.08	36.32	59.96
2000	26,832	630	144	279	208	34.31	51.35	50.12	39.69	70.13
2001	26,894	605	130	264	210	34.93	49.02	44.34	39.74	64.22
2002	27,211	598	134	265	199	35.59	51.36	41.74	43.09	69.90
2003	27,620	599	133	257	209	35.94	53.05	45.95	45.91	67.31
2004	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate										
1979-2003	1.47	-0.49	-0.07	0.09	-1.32	1.26	1.48	0.12	2.74	1.21
1979-1990	1.78	-0.89	0.15	-0.83	-1.47	0.85	1.73	2.48	2.92	0.34
1990-2000	1.29	0.30	0.41	1.96	-1.60	1.62	1.32	-1.53	1.89	2.96
2000-2003	0.97	-1.66	-2.45	-2.66	0.19	1.56	1.09	-2.86	4.97	-1.36
1981-1989	1.90	0.19	0.17	1.52	-0.94	1.13	1.63	0.73	3.91	1.45
1989-2000	1.16	-0.39	-0.37	1.08	-2.05	1.50	1.10	-0.96	1.75	2.33

Source: Calculated by CSLS from Groningen Growth and Development Centre, 60-Industry Database, September 2006, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Table 600a: Value Added, Canada, Forest Products Sector, 1979-2003

Nominal Value Added, Millions of Current Canadian Dollars						Value Added Deflators (1995 = 100)					Real Value Added, Millions of 1995 Canadian Dollars						
Total, All Industries	Forest Products Sector					Total, All Industries	Forest Products Sector					Total, All Industries	Forest Products Sector				
	Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products	Total, Forest Products Sector		Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products	Total, Forest Products Sector	Forestry		Wood & Products of Wood and Cork	Pulp, Paper & Paper Products			
1979	264,561	10,892	2,457	3,524	4,911	51.1	43.3	40.6	58.3	33.9	517,563	25,148	6,054	6,042	14,486		
1980	299,793	11,283	2,500	3,102	5,681	56.7	40.0	32.1	48.7	38.8	528,830	28,185	7,789	6,366	14,651		
1981	338,519	10,725	2,369	2,641	5,715	62.6	41.4	30.5	49.8	42.0	541,067	25,926	7,760	5,301	13,622		
1982	357,263	8,846	2,057	2,005	4,784	67.8	40.1	29.8	45.1	42.5	527,245	22,060	6,912	4,449	11,267		
1983	388,974	10,700	2,648	3,080	4,972	71.6	43.5	31.2	56.0	42.3	543,293	24,584	8,474	5,501	11,742		
1984	425,291	12,114	2,765	3,207	6,142	74.5	45.9	34.9	52.0	47.6	571,244	26,420	7,927	6,164	12,912		
1985	458,462	12,543	2,651	3,675	6,217	76.6	47.5	36.4	52.6	49.2	598,272	26,410	7,283	6,989	12,632		
1986	479,543	14,232	2,696	4,237	7,299	77.8	54.2	44.8	60.3	54.1	616,630	26,266	6,021	7,021	13,496		
1987	520,895	17,567	3,462	5,075	9,030	81.2	63.0	65.6	63.0	62.0	641,144	27,888	5,281	8,057	14,563		
1988	568,888	18,948	3,869	4,731	10,348	84.7	63.4	58.3	56.8	68.2	671,286	29,905	6,634	8,327	15,165		
1989	607,685	18,655	3,950	4,848	9,857	88.3	62.3	47.4	59.7	69.5	688,062	29,952	8,338	8,126	14,173		
1990	631,412	16,169	3,430	4,244	8,495	91.6	58.7	42.6	56.1	66.5	689,439	27,540	8,057	7,562	12,771		
1991	636,089	13,258	3,032	3,675	6,551	93.4	56.8	46.6	54.8	62.6	681,350	23,351	6,510	6,703	10,466		
1992	649,099	13,814	3,425	4,468	5,921	94.7	59.8	53.1	63.3	61.0	685,730	23,093	6,445	7,056	9,701		
1993	672,846	17,123	4,329	6,472	6,322	95.6	69.2	51.8	87.4	62.4	703,940	24,757	8,361	7,404	10,134		
1994	714,151	21,307	4,691	8,537	8,079	97.3	87.8	71.6	113.3	70.1	733,743	24,281	6,550	7,532	11,528		
1995	750,672	27,482	5,537	7,476	14,469	100.0	100.0	100.0	100.0	100.0	750,672	27,482	5,537	7,476	14,469		
1996	775,814	25,659	5,473	7,961	12,225	101.9	92.9	81.8	103.3	91.1	761,578	27,615	6,688	7,703	13,422		
1997	816,750	25,511	5,475	9,199	10,837	102.7	89.2	70.5	102.6	87.2	795,501	28,602	7,764	8,966	12,421		
1998	846,522	26,272	5,708	9,133	11,431	102.3	89.2	72.1	97.5	91.1	827,322	29,464	7,916	9,371	12,554		
1999	909,696	28,846	5,488	11,977	11,381	104.2	98.8	74.3	120.1	88.2	872,965	29,197	7,383	9,974	12,905		
2000	999,923	32,273	5,579	12,159	14,535	108.6	99.8	77.5	109.9	99.9	920,641	32,341	7,199	11,062	14,553		
2001	1,031,207	29,843	5,127	11,287	13,429	109.8	100.7	88.7	107.5	99.5	939,539	29,640	5,777	10,501	13,493		
2002	1,075,345	29,808	4,887	12,194	12,727	111.0	97.1	87.6	106.9	91.4	968,391	30,691	5,579	11,405	13,926		
2003	1,127,907	29,828	5,257	12,121	12,450	113.6	93.9	85.8	102.7	88.6	992,704	31,781	6,126	11,801	14,047		
2004	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate																	
1979-2003	6.23	4.29	3.22	5.28	3.95	3.38	3.27	3.17	2.39	4.09	2.75	0.98	0.05	2.83	-0.13		
1979-1990	8.23	3.66	3.08	1.70	5.11	5.44	2.80	0.44	-0.35	6.32	2.64	0.83	2.63	2.06	-1.14		
1990-2000	4.70	7.16	4.98	11.10	5.52	1.72	5.45	6.17	6.95	4.15	2.93	1.62	-1.12	3.88	1.32		
2000-2003	4.10	-2.59	-1.96	-0.11	-5.03	1.51	-2.02	3.46	-2.24	-3.90	2.54	-0.58	-5.24	2.18	-1.17		
1981-1989	7.59	7.16	6.60	7.89	7.05	4.40	5.25	5.65	2.28	6.52	3.05	1.82	0.90	5.49	0.50		
1989-2000	4.63	5.11	3.19	8.72	3.59	1.90	4.38	4.58	5.71	3.34	2.68	0.70	-1.33	2.84	0.24		

Source: Groningen Growth and Development Centre, 60-Industry Database, September 2006, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Note:

Real Value Added calculated by CSLS from GGDC Nominal Value Added and Value Added Deflators

Table 601: Labour Productivity and Hours Worked, Finland, Forest Products Sector, 1979-2003

	Millions of Hours Worked					Labour Productivity, Real Value Added per Hour Worked, 1995 Euros				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	4,259	270	81	94	96	14.34	19.04	23.62	9.98	24.60
1980	4,335	279	85	97	97	14.88	19.47	23.69	10.43	25.98
1981	4,404	265	80	89	96	15.01	19.76	22.86	10.38	26.85
1982	4,419	255	87	78	91	15.34	18.66	19.12	11.23	26.51
1983	4,393	246	82	78	87	15.91	20.03	19.20	12.30	29.96
1984	4,398	241	77	76	88	16.47	23.47	23.74	12.93	33.18
1985	4,404	234	77	72	85	17.06	23.51	23.01	13.41	34.22
1986	4,339	214	65	68	81	17.61	24.73	24.13	14.22	36.33
1987	4,378	212	65	66	81	18.30	26.90	25.97	15.68	38.51
1988	4,442	208	63	66	79	18.82	29.64	28.82	16.59	42.16
1989	4,475	208	61	67	79	19.60	30.47	30.37	17.74	42.94
1990	4,375	197	58	65	75	20.14	30.38	31.11	17.22	45.51
1991	4,076	171	50	52	69	19.97	30.14	29.52	16.36	48.14
1992	3,801	156	45	46	65	20.62	37.60	37.94	18.90	53.31
1993	3,577	153	44	45	64	22.09	42.33	40.87	22.06	59.20
1994	3,567	150	37	49	64	23.06	48.54	56.40	23.63	64.95
1995	3,634	158	45	49	64	23.53	46.27	43.80	22.66	66.03
1996	3,684	153	43	47	63	24.23	45.60	42.53	24.69	64.03
1997	3,799	158	44	50	64	25.11	50.20	49.53	25.89	73.05
1998	3,858	156	41	51	65	26.05	53.26	52.98	27.48	74.32
1999	3,962	155	41	51	63	26.29	54.78	53.21	28.60	78.22
2000	4,020	155	42	52	62	27.63	58.22	56.89	30.36	83.00
2001	4,042	153	40	50	62	27.78	55.69	56.12	30.56	77.12
2002	4,066	150	40	50	61	28.21	58.33	57.86	31.84	82.53
2003	4,047	147	39	49	59	29.00	60.08	60.12	33.62	86.48
2004	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate										
1979-2003	-0.21	-2.50	-2.95	-2.69	-1.99	2.98	4.90	3.97	5.19	5.38
1979-1990	0.24	-2.82	-2.98	-3.33	-2.21	3.13	4.34	2.54	5.08	5.75
1990-2000	-0.84	-2.36	-3.17	-2.26	-1.86	3.21	6.72	6.22	5.84	6.19
2000-2003	0.23	-1.81	-2.12	-1.78	-1.64	1.62	1.05	1.86	3.46	1.38

Source: Calculated by CSLS from Groningen Growth and Development Centre, 60-Industry Database, October 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Table 601a: Value Added, Finland, Forest Products Sector, 1979-2003

	Nominal Value Added, Millions of Current Euros					Value Added Deflators (1995 = 100)					Real Value Added, Millions of 1995 Euros				
	Forest Products Sector					Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
	Total, All Industries	Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	26,026	2,633	988	558	1,087	42.6	51.2	52.0	59.5	46.1	61,079	5,146	1,901	937	2,356
1980	30,010	3,242	1,233	738	1,271	46.5	59.6	61.2	72.7	50.5	64,531	5,438	2,014	1,016	2,518
1981	33,884	3,259	1,308	587	1,364	51.3	62.3	71.3	63.6	53.1	66,083	5,231	1,834	923	2,569
1982	37,880	3,120	1,324	512	1,284	55.9	65.5	80.1	58.6	53.3	67,796	4,760	1,654	874	2,407
1983	42,383	3,367	1,287	697	1,383	60.6	68.3	81.8	72.9	53.3	69,906	4,931	1,573	956	2,594
1984	47,096	4,137	1,494	765	1,878	65.0	73.2	81.5	77.6	64.7	72,434	5,655	1,833	986	2,903
1985	51,079	4,104	1,592	658	1,854	68.0	74.5	89.4	67.8	64.1	75,138	5,508	1,781	971	2,892
1986	54,368	3,871	1,417	671	1,783	71.1	73.0	90.9	69.0	60.3	76,419	5,303	1,559	973	2,957
1987	58,968	4,350	1,547	801	2,002	73.6	76.5	91.1	77.9	64.6	80,105	5,689	1,698	1,028	3,100
1988	65,767	5,265	1,798	888	2,579	78.7	85.4	99.4	81.2	77.1	83,589	6,164	1,810	1,093	3,344
1989	73,658	5,616	1,955	1,039	2,622	84.0	88.8	105.3	87.0	77.1	87,696	6,326	1,856	1,194	3,401
1990	79,013	5,430	1,999	1,120	2,311	89.7	90.6	111.4	100.6	67.8	88,109	5,994	1,795	1,114	3,409
1991	75,318	4,062	1,537	734	1,791	92.5	78.7	104.1	86.4	53.6	81,420	5,164	1,476	849	3,341
1992	72,919	4,400	1,450	800	2,150	93.0	75.1	84.9	92.4	62.0	78,401	5,858	1,707	865	3,465
1993	74,697	5,131	1,415	993	2,723	94.5	79.3	78.9	99.8	72.1	79,009	6,468	1,794	995	3,777
1994	78,985	6,085	1,703	1,230	3,152	96.0	83.7	82.5	106.7	75.5	82,258	7,266	2,064	1,153	4,176
1995	85,499	7,310	1,949	1,115	4,246	100.0	100.0	100.0	100.0	100.0	85,499	7,310	1,949	1,115	4,246
1996	88,064	6,118	1,818	883	3,417	98.6	87.5	98.9	76.4	84.3	89,286	6,990	1,837	1,155	4,053
1997	94,903	6,990	2,227	1,306	3,457	99.5	88.4	103.4	100.3	74.3	95,411	7,906	2,155	1,302	4,653
1998	103,100	7,918	2,322	1,310	4,286	102.6	95.1	105.9	94.4	89.4	100,484	8,330	2,193	1,388	4,794
1999	106,171	7,812	2,316	1,262	4,234	101.9	91.8	106.2	86.3	85.5	104,164	8,513	2,181	1,462	4,951
2000	116,222	9,323	2,578	1,353	5,392	104.6	103.0	108.4	86.5	104.6	111,064	9,048	2,378	1,563	5,154
2001	121,184	8,680	2,406	1,202	5,072	107.9	102.1	106.1	78.5	105.7	112,308	8,503	2,267	1,531	4,797
2002	124,782	8,018	2,499	1,190	4,329	108.8	91.5	108.0	75.5	86.4	114,675	8,761	2,314	1,576	5,010
2003	126,750	7,532	2,522	1,276	3,734	108.0	85.2	107.0	77.8	73.1	117,362	8,838	2,357	1,641	5,111
2004	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate															
1979-2003	6.82	4.48	3.98	3.51	5.28	3.95	2.15	3.06	1.12	1.93	2.76	2.28	0.90	2.36	3.28
1979-1990	10.62	6.80	6.62	6.54	7.10	7.00	5.33	7.17	4.88	3.56	3.39	1.40	-0.52	1.58	3.41
1990-2000	3.93	5.55	2.58	1.91	8.84	1.56	1.30	-0.27	-1.49	4.43	2.34	4.20	2.85	3.45	4.22
2000-2003	2.93	-6.86	-0.73	-1.93	-11.53	1.06	-6.13	-0.43	-3.50	-11.28	1.86	-0.78	-0.30	1.62	-0.28

Source: Calculated by from CSLS from Groningen Growth and Development Centre, 60-Industry Database, October 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Note:

Real Value Added calculated by CSLS from GGDC Nominal Value Added and Value Added Deflators

Table 602: Labour Productivity and Hours Worked, France, Forest Products Sector, 1979-2003

	Millions of Hours Worked					Labour Productivity, Real Value Added per Hour Worked, 1995 Euros				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	38,020	522	47	252	223	19.61	20.15	70.18	11.66	21.03
1980	37,905	513	48	249	216	20.21	20.02	70.54	11.12	20.43
1981	37,031	485	46	235	203	21.11	20.94	70.34	11.58	21.36
1982	36,183	462	47	221	193	22.29	22.44	67.50	12.71	23.19
1983	35,947	448	48	211	190	22.95	24.39	70.64	14.03	24.85
1984	35,593	429	46	198	185	23.63	25.47	74.03	14.77	25.16
1985	35,038	411	44	188	179	24.54	26.47	83.12	15.01	25.02
1986	35,025	405	46	183	176	25.12	27.12	83.96	15.27	25.34
1987	35,234	395	45	181	169	25.48	27.91	88.98	15.20	25.92
1988	35,668	394	44	183	166	26.23	29.51	95.22	15.80	27.78
1989	35,958	401	45	189	167	27.06	30.20	95.58	16.16	29.06
1990	36,379	402	44	190	167	27.54	30.20	90.65	16.64	30.20
1991	36,178	395	46	186	164	28.07	31.35	85.88	17.74	32.03
1992	36,021	388	47	181	160	28.86	32.33	79.73	18.95	34.22
1993	35,341	370	49	170	151	29.04	32.22	67.57	18.51	37.82
1994	35,259	366	52	166	149	29.59	33.16	70.90	18.99	37.39
1995	35,048	367	53	165	148	30.47	32.12	69.58	20.02	32.26
1996	35,228	365	56	162	147	30.62	31.97	61.74	20.25	33.60
1997	35,208	359	59	156	144	31.33	33.78	59.47	20.42	38.10
1998	35,485	357	61	153	143	32.30	34.70	57.72	21.97	38.83
1999	36,149	352	63	149	141	32.65	35.50	56.73	22.50	40.38
2000	36,229	340	62	144	134	33.83	34.92	59.70	22.28	38.40
2001	36,689	338	63	142	133	34.01	37.52	69.65	21.57	40.38
2002	36,019	322	57	138	127	35.03	37.51	70.55	23.36	39.12
2003	35,910	319	53	138	128	35.38	36.95	73.39	23.65	37.81
2004	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate										
1979-2003	-0.24	-2.03	0.49	-2.48	-2.27	2.49	2.56	0.19	2.99	2.47
1979-1990	-0.40	-2.35	-0.63	-2.51	-2.57	3.13	3.75	2.35	3.29	3.35
1990-2000	-0.04	-1.64	3.48	-2.73	-2.18	2.08	1.46	-4.09	2.96	2.43
2000-2003	-0.29	-2.13	-5.00	-1.53	-1.49	1.50	1.90	7.13	2.01	-0.52

Source: Calculated by CCLS from Groningen Growth and Development Centre, 60-Industry Database, September 2006, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Table 602a: Value Added, France, Forest Products Sector, 1979-2003

	Nominal Value Added, Millions of Euros					Value Added Deflators (1995 = 100)					Real Value Added, Millions of 1995 Euros				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	348,644	3,937	1,532	1,043	1,361	46.8	37.4	46.2	35.5	29.1	745,668	10,512	3,318	2,937	4,680
1980	395,261	4,636	1,807	1,228	1,601	51.6	45.1	53.6	44.3	36.3	766,137	10,269	3,373	2,770	4,414
1981	445,825	4,877	1,781	1,344	1,753	57.0	48.0	54.6	49.3	40.4	781,794	10,153	3,262	2,724	4,340
1982	512,105	5,416	1,816	1,562	2,038	63.5	52.3	57.1	55.5	45.5	806,630	10,363	3,181	2,814	4,483
1983	572,272	6,188	2,068	1,788	2,333	69.4	56.6	61.4	60.4	49.5	825,033	10,929	3,369	2,958	4,714
1984	623,652	7,155	2,243	2,132	2,780	74.1	65.5	65.5	73.0	59.7	841,196	10,928	3,425	2,921	4,655
1985	669,269	7,789	2,471	2,308	3,011	77.8	71.6	67.3	82.0	67.1	859,828	10,885	3,673	2,816	4,487
1986	719,804	8,310	2,649	2,457	3,205	81.8	75.7	69.1	87.8	71.9	879,668	10,982	3,837	2,799	4,459
1987	756,317	8,688	2,906	2,509	3,273	84.2	78.8	72.8	91.2	74.6	897,798	11,027	3,993	2,752	4,385
1988	814,032	9,574	3,244	2,747	3,583	87.0	82.4	77.1	94.8	77.6	935,467	11,624	4,206	2,898	4,618
1989	874,950	10,691	3,547	3,100	4,044	89.9	88.3	82.5	101.7	83.2	973,182	12,104	4,300	3,049	4,859
1990	919,156	11,077	3,553	3,265	4,259	91.8	91.3	88.9	103.1	84.4	1,001,768	12,127	3,996	3,168	5,048
1991	953,402	11,174	3,532	3,316	4,326	93.9	90.2	89.7	100.7	82.4	1,015,347	12,393	3,936	3,293	5,247
1992	995,933	11,012	3,185	3,397	4,431	95.8	87.7	85.4	98.8	80.9	1,039,542	12,554	3,727	3,438	5,479
1993	1,003,806	10,046	2,615	3,214	4,218	97.8	84.2	79.2	102.0	73.7	1,026,364	11,932	3,300	3,151	5,722
1994	1,033,555	10,809	3,554	3,132	4,123	99.1	89.0	97.0	99.5	74.0	1,043,407	12,151	3,662	3,148	5,572
1995	1,067,925	11,776	3,682	3,312	4,783	100.0	100.0	100.0	100.0	100.0	1,067,925	11,776	3,682	3,312	4,783
1996	1,093,395	11,115	3,187	3,315	4,614	101.4	95.2	91.6	101.0	93.6	1,078,579	11,672	3,479	3,283	4,927
1997	1,130,104	11,263	3,324	3,215	4,723	102.5	92.9	94.7	100.8	86.3	1,103,054	12,120	3,510	3,189	5,472
1998	1,181,046	11,758	3,450	3,441	4,867	103.0	94.9	97.5	102.6	87.7	1,146,103	12,384	3,537	3,353	5,550
1999	1,218,483	12,007	3,603	3,474	4,930	103.2	96.1	101.2	103.9	86.9	1,180,159	12,495	3,560	3,344	5,676
2000	1,290,743	11,923	3,010	3,590	5,323	105.3	100.3	81.3	111.6	103.4	1,225,711	11,889	3,704	3,217	5,148
2001	1,344,658	13,311	3,935	3,520	5,856	107.8	105.0	90.1	114.7	109.2	1,247,846	12,675	4,367	3,070	5,360
2002	1,392,586	12,769	3,582	3,592	5,595	110.4	105.6	89.7	111.1	112.2	1,261,712	12,094	3,995	3,232	4,986
2003	1,425,634	12,055	3,157	3,563	5,335	112.2	102.2	80.9	109.3	110.1	1,270,398	11,793	3,904	3,260	4,845
2004	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate															
1979-2003	6.04	4.77	3.06	5.25	5.86	3.72	4.27	2.36	4.79	5.70	2.24	0.48	0.68	0.44	0.14
1979-1990	9.21	9.86	7.94	10.93	10.93	6.32	8.44	6.13	10.17	10.17	2.72	1.31	1.71	0.69	0.69
1990-2000	3.45	0.74	-1.64	0.95	2.25	1.39	0.94	-0.89	0.80	2.05	2.04	-0.20	-0.76	0.15	0.20
2000-2003	3.37	0.37	1.60	-0.25	0.08	2.14	0.64	-0.16	-0.69	2.12	1.20	-0.27	1.77	0.44	-2.00

Source: Groningen Growth and Development Centre, 60-Industry Database, September 2006, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Note:

Real Value Added calculated by CSLS from GGDC Nominal Value Added and Value Added Deflators

Table 603: Labour Productivity and Hours Worked, Germany, Forest Products Sector, 1979-2003

	Millions of Hours Worked					Labour Productivity, Real Value Added per Hour Worked, 1995 Euros				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	54,208	822	74	449	299	21.21	18.92	31.45	14.96	22.80
1980	54,435	820	74	448	297	21.42	19.40	35.08	15.05	22.75
1981	53,860	786	72	425	290	21.70	19.10	33.17	14.98	22.31
1982	53,503	753	72	401	280	21.85	19.52	31.91	14.48	23.98
1983	52,839	753	71	403	279	22.44	19.87	32.87	14.33	24.80
1984	52,930	747	71	404	272	23.11	20.80	34.04	14.86	26.42
1985	53,006	726	72	383	272	23.75	21.61	35.35	15.09	27.60
1986	53,605	720	71	379	270	24.08	21.61	34.90	15.00	27.86
1987	53,837	720	72	375	273	24.35	22.29	36.38	15.34	28.43
1988	54,653	725	72	380	274	24.83	22.62	37.76	15.48	28.72
1989	55,130	730	72	383	275	25.73	22.62	35.98	15.34	29.33
1990	55,751	760	74	391	295	26.83	25.15	51.81	15.86	30.95
1991	56,979	774	74	401	299	27.65	24.07	34.92	16.87	31.27
1992	56,878	771	80	407	285	28.31	25.69	34.34	18.32	33.92
1993	55,455	738	77	395	267	28.78	25.53	27.57	19.33	34.16
1994	55,189	729	75	396	259	29.62	28.26	32.20	21.64	37.35
1995	54,631	719	74	392	253	30.60	26.24	30.89	21.43	32.33
1996	53,694	686	74	370	242	31.58	28.09	31.87	21.79	36.67
1997	53,141	656	64	347	246	32.53	31.72	38.59	24.90	39.62
1998	53,532	643	63	336	244	32.89	31.73	36.90	24.79	39.96
1999	53,825	633	61	326	246	33.37	32.77	36.64	25.61	41.46
2000	54,086	619	59	318	241	34.44	33.49	35.36	26.71	42.09
2001	53,879	589	57	292	240	35.07	33.39	38.23	26.89	40.62
2002	53,175	563	58	270	235	35.69	34.73	41.12	28.68	41.01
2003	52,448	547	55	263	228	36.26	35.54	41.33	29.42	42.07
2004	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate										
1979-2003	-0.14	-1.68	-1.19	-2.20	-1.11	2.26	2.66	1.15	2.86	2.59
1979-1990	0.26	-0.71	0.04	-1.26	-0.11	2.16	2.62	4.64	0.53	2.82
1990-2000	-0.30	-2.03	-2.19	-2.02	-2.01	2.53	2.90	-3.75	5.35	3.12
2000-2003	-1.02	-4.04	-2.33	-6.17	-1.77	1.74	2.00	5.34	3.28	-0.02

Source: Calculated by CCLS from Groningen Growth and Development Centre, 60-Industry Database, October 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Trends of West Germany have been linked to the Unified Germany series in 1991.

Table 603a: Value Added, Germany, Forest Products Sector, 1979-2003

	Nominal Value Added, Millions of Euros					Value Added Deflators (1995 = 100)					Real Value Added, Millions of 1995 Euros				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	727,257	10,738	2,038	3,995	4,705	63.3	69.1	87.8	59.5	69.1	1,149,660	15,545	2,320	6,719	6,807
1980	770,601	11,415	2,212	4,237	4,966	66.1	71.8	85.4	62.8	73.4	1,165,907	15,900	2,591	6,749	6,763
1981	807,633	11,306	2,123	4,186	4,996	69.1	75.3	89.4	65.8	77.3	1,168,735	15,009	2,374	6,361	6,463
1982	844,063	11,219	2,028	3,995	5,197	72.2	76.3	88.3	68.8	77.5	1,169,285	14,695	2,296	5,806	6,707
1983	885,369	11,481	1,978	4,106	5,397	74.7	76.8	85.1	71.1	78.0	1,185,480	14,957	2,324	5,776	6,918
1984	927,318	11,983	2,018	4,237	5,728	75.8	77.2	83.7	70.6	79.7	1,223,420	15,531	2,411	6,004	7,185
1985	967,769	12,676	2,100	4,106	6,471	76.9	80.8	82.9	71.1	86.3	1,258,888	15,684	2,532	5,776	7,496
1986	1,023,483	13,277	2,017	4,317	6,942	79.3	85.3	81.0	75.9	92.3	1,290,922	15,568	2,489	5,687	7,518
1987	1,054,135	13,633	2,042	4,549	7,042	80.4	84.9	77.9	79.0	90.7	1,310,819	16,058	2,621	5,756	7,762
1988	1,109,786	14,152	2,219	4,820	7,113	81.8	86.3	82.0	82.0	90.5	1,356,807	16,405	2,707	5,875	7,862
1989	1,174,730	14,535	2,310	4,931	7,293	82.8	88.0	89.4	83.9	90.3	1,418,720	16,513	2,583	5,875	8,073
1990	1,278,189	17,685	3,221	5,626	8,838	85.5	92.6	83.9	90.8	96.8	1,495,700	19,107	3,841	6,193	9,128
1991	1,392,680	17,900	2,150	6,330	9,420	88.4	96.1	82.7	93.7	100.9	1,575,625	18,620	2,600	6,758	9,339
1992	1,493,130	18,800	2,340	7,090	9,370	92.7	94.9	85.2	95.1	97.0	1,610,058	19,821	2,745	7,452	9,657
1993	1,533,230	17,320	1,800	7,080	8,440	96.1	91.9	85.2	92.8	92.6	1,595,897	18,841	2,112	7,631	9,110
1994	1,604,230	18,760	2,120	8,100	8,540	98.1	91.1	88.2	94.6	88.4	1,634,649	20,600	2,405	8,558	9,661
1995	1,671,710	18,870	2,280	8,400	8,190	100.0	100.0	100.0	100.0	100.0	1,671,710	18,870	2,280	8,400	8,190
1996	1,697,890	18,700	2,050	7,910	8,740	100.1	97.1	87.2	98.1	98.4	1,695,558	19,263	2,350	8,060	8,880
1997	1,734,860	19,390	2,280	8,270	8,840	100.3	93.2	92.9	95.8	90.8	1,728,821	20,804	2,453	8,630	9,734
1998	1,778,060	19,640	2,320	8,050	9,270	101.0	96.3	100.3	96.8	94.9	1,760,511	20,391	2,313	8,317	9,767
1999	1,810,270	19,850	2,360	8,000	9,490	100.8	95.7	105.7	95.7	93.1	1,795,962	20,750	2,233	8,359	10,189
2000	1,856,200	19,800	1,810	8,180	9,810	99.7	95.6	86.2	96.2	96.8	1,862,517	20,719	2,101	8,505	10,135
2001	1,904,880	19,630	1,840	7,460	10,330	100.8	99.8	84.3	94.9	106.1	1,889,656	19,664	2,182	7,861	9,732
2002	1,939,240	19,620	1,940	7,170	10,510	102.2	100.4	81.8	92.5	109.3	1,898,030	19,540	2,372	7,755	9,618
2003	1,950,720	19,539	1,880	7,161	10,497	102.6	100.6	82.2	92.5	109.3	1,901,932	19,430	2,288	7,741	9,601
2004	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate															
1979-2003	4.20	2.53	-0.34	2.46	3.40	2.03	1.58	-0.28	1.86	1.93	2.12	0.93	-0.06	0.59	1.44
1979-1990	5.26	4.64	4.25	3.16	5.90	2.77	2.70	-0.42	3.93	3.11	2.42	1.89	4.69	-0.74	2.70
1990-2000	3.80	1.14	-5.60	3.81	1.05	1.55	0.32	0.27	0.57	0.00	2.22	0.81	-5.86	3.22	1.05
2000-2003	1.67	-0.44	1.27	-4.34	2.28	0.96	1.71	-1.56	-1.29	4.15	0.70	-2.12	2.88	-3.09	-1.79

Source: Calculated by CSLS from Groningen Growth and Development Centre, 60-Industry Database, October 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Note:

Real Value Added calculated by CSLS from GGDC Nominal Value Added and Value Added Deflators

Trends of West Germany have been linked to the Unified Germany series in 1991.

Table 604: Labour Productivity and Hours Worked, Italy, Forest Products Sector, 1979-2003

	Millions of Hours Worked					Labour Productivity, Real Value Added per Hour Worked, 1995 Euros				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	36,927	816	168	473	174	16.86	9.34	3.55	8.07	18.45
1980	38,055	834	166	490	179	16.88	9.39	3.81	8.16	18.10
1981	37,878	804	154	478	171	17.05	9.31	4.94	8.01	17.24
1982	37,810	785	143	462	180	17.16	9.92	6.95	8.27	16.79
1983	37,680	717	141	428	148	17.53	10.90	8.81	9.01	19.29
1984	36,582	674	128	400	146	18.54	12.62	9.89	10.07	22.29
1985	37,256	686	121	408	156	18.77	13.22	11.97	10.35	22.11
1986	37,464	673	116	403	153	19.15	13.73	12.65	10.54	23.46
1987	37,424	650	111	387	152	19.80	14.23	16.11	10.52	23.69
1988	38,208	650	105	389	156	20.19	14.64	15.43	11.21	23.65
1989	38,400	640	98	379	163	20.69	15.16	16.56	11.88	23.13
1990	39,059	636	94	375	167	20.75	15.80	17.58	12.45	23.63
1991	39,648	632	97	367	168	20.68	15.93	17.01	13.02	22.81
1992	38,545	605	95	347	163	21.51	17.51	17.60	13.99	26.09
1993	37,702	615	111	342	162	21.89	16.85	12.57	13.74	26.94
1994	37,088	595	94	338	163	22.78	18.54	14.94	14.68	29.19
1995	37,042	600	87	348	165	23.45	18.32	11.18	14.79	29.51
1996	37,361	591	96	327	168	23.55	18.40	10.60	15.26	29.20
1997	37,525	573	85	320	168	23.91	19.43	11.21	15.80	31.22
1998	38,202	586	74	337	175	23.91	20.30	12.78	16.23	31.84
1999	38,545	596	71	344	181	24.08	20.89	12.89	17.02	31.95
2000	39,200	588	62	344	182	24.52	22.17	17.78	17.99	32.06
2001	39,696	582	62	345	174	24.75	22.39	18.96	17.68	33.05
2002	40,315	583	61	347	175	24.53	22.70	18.85	17.97	33.68
2003	40,593	575	59	340	176	24.43	22.83	20.12	18.23	33.02
2004	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate										
1979-2003	0.40	-1.45	-4.28	-1.36	0.03	1.56	3.79	7.49	3.45	2.46
1979-1990	0.51	-2.24	-5.15	-2.10	-0.37	1.91	4.90	15.65	4.02	2.28
1990-2000	0.04	-0.79	-4.11	-0.86	0.84	1.68	3.44	0.11	3.74	3.10
2000-2003	1.17	-0.72	-1.66	-0.30	-1.19	-0.12	0.98	4.22	0.45	1.00

Source: Calculated by CSLs from Groningen Growth and Development Centre, 60-Industry Database, October 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Table 604a: Value Added, Italy, Forest Products Sector, 1979-2003

	Nominal Value Added, Millions of Euros					Value Added Deflators (1995 = 100)					Real Value Added, Millions of 1995 Euros				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	155,195	2,293	195	1,181	917	24.9	30.1	32.6	30.9	28.5	622,477	7,621	598	3,820	3,219
1980	194,847	2,846	233	1,530	1,083	30.3	36.3	36.9	38.3	33.5	642,374	7,833	632	4,000	3,232
1981	234,878	3,133	301	1,733	1,098	36.4	41.9	39.6	45.3	37.2	645,847	7,479	761	3,829	2,954
1982	274,255	3,641	391	1,904	1,346	42.3	46.8	39.4	49.8	44.6	648,928	7,783	993	3,820	3,018
1983	317,933	3,984	445	2,141	1,398	48.1	51.0	35.9	55.5	49.0	660,662	7,814	1,239	3,861	2,856
1984	364,221	4,634	573	2,320	1,740	53.7	54.5	45.3	57.6	53.3	678,325	8,507	1,264	4,028	3,266
1985	409,012	5,424	701	2,665	2,059	58.5	59.8	48.4	63.1	59.5	699,466	9,068	1,448	4,225	3,460
1986	452,470	5,998	757	2,937	2,304	63.1	64.9	51.4	69.1	64.0	717,252	9,241	1,473	4,251	3,600
1987	490,691	6,356	852	3,090	2,414	66.2	68.7	47.7	75.9	67.0	740,965	9,248	1,788	4,073	3,602
1988	541,804	6,921	852	3,454	2,615	70.2	72.7	52.8	79.2	70.7	771,326	9,513	1,615	4,359	3,699
1989	593,966	7,417	858	3,729	2,829	74.8	76.4	52.7	82.8	75.2	794,513	9,703	1,628	4,502	3,762
1990	652,918	7,974	867	4,005	3,102	80.6	79.3	52.4	85.8	78.4	810,439	10,054	1,655	4,665	3,956
1991	707,554	8,456	941	4,315	3,200	86.3	84.0	56.8	90.4	83.3	820,093	10,072	1,655	4,776	3,842
1992	746,167	8,986	989	4,434	3,563	90.0	84.8	59.0	91.3	83.9	828,929	10,590	1,675	4,854	4,246
1993	768,893	9,131	980	4,480	3,671	93.2	88.2	70.3	95.4	84.2	825,311	10,352	1,394	4,698	4,358
1994	808,080	9,797	996	4,756	4,045	95.7	88.8	71.2	95.9	84.9	844,767	11,028	1,399	4,961	4,764
1995	868,638	10,981	971	5,141	4,870	100.0	100.0	100.0	100.0	100.0	868,638	10,981	971	5,141	4,870
1996	925,790	10,717	935	5,237	4,545	105.2	98.5	92.4	104.9	92.5	879,940	10,877	1,012	4,995	4,913
1997	960,716	10,453	874	5,206	4,373	107.1	93.9	91.3	102.9	83.6	897,150	11,137	958	5,059	5,230
1998	997,660	11,458	904	5,706	4,848	109.2	96.3	95.2	104.3	87.1	913,323	11,898	949	5,472	5,565
1999	1,024,464	11,589	878	5,897	4,815	110.4	93.1	96.4	100.8	83.1	928,289	12,446	911	5,851	5,793
2000	1,082,137	12,204	1,007	6,239	4,958	112.6	93.7	91.5	101.0	84.9	961,253	13,027	1,100	6,179	5,837
2001	1,139,259	12,920	1,122	6,278	5,520	116.0	99.2	95.2	102.8	95.9	982,437	13,027	1,179	6,107	5,758
2002	1,178,307	13,295	1,125	6,618	5,552	119.1	100.4	97.9	106.0	94.4	989,133	13,236	1,150	6,245	5,882
2003	1,218,828	13,279	1,243	6,653	5,383	122.9	101.2	104.9	107.2	92.8	991,758	13,127	1,185	6,205	5,801
2004	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate															
1979-2003	8.97	7.59	8.03	7.47	7.65	6.87	5.18	4.99	5.32	5.04	1.96	2.29	2.89	2.04	2.48
1979-1990	13.95	12.00	14.54	11.74	11.71	11.25	9.21	4.42	9.73	9.64	2.43	2.55	9.69	1.83	1.89
1990-2000	5.18	4.35	1.50	4.53	4.80	3.40	1.68	5.73	1.64	0.80	1.72	2.62	-4.00	2.85	3.97
2000-2003	4.04	2.85	7.29	2.17	2.77	2.97	2.59	4.68	2.02	2.99	1.05	0.25	2.49	0.14	-0.21

Source: Calculated by CSLS from Groningen Growth and Development Centre, 60-Industry Database, October 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Note:

Real Value Added calculated by CSLS from GGDC Nominal Value Added and Value Added Deflators

Trends of West Germany have been linked to the Unified Germany series in 1991.

Table 605: Labour Productivity and Hours Worked, Norway, Forest Products Sector, 1979-2002

	Millions of Hours Worked					Labour Productivity, Real Value Added per Hour Worked, 1995 Kroner				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	2,869	94	20	48	26	174.53	125.97	79.98	153.01	158.95
1980	2,938	93	21	47	26	179.63	126.63	83.24	149.55	158.03
1981	2,956	91	21	46	24	180.93	139.79	121.78	140.46	177.61
1982	2,932	83	17	44	22	183.09	140.68	117.84	145.31	184.20
1983	2,915	79	17	41	21	191.24	153.74	115.42	156.56	206.69
1984	2,925	79	19	39	21	203.31	162.93	122.71	160.20	234.75
1985	2,993	77	18	38	21	207.56	158.46	106.24	170.41	229.58
1986	3,080	75	16	38	20	208.77	162.45	114.83	174.39	242.51
1987	3,087	74	17	38	20	214.15	170.23	119.44	184.31	259.36
1988	3,077	72	16	38	19	216.55	187.38	153.43	176.94	295.37
1989	2,983	67	15	34	18	228.27	213.21	206.66	180.35	306.30
1990	2,941	62	14	31	18	235.65	217.99	204.54	192.05	318.23
1991	2,909	58	13	28	18	245.55	232.87	248.80	189.97	326.02
1992	2,918	55	14	24	17	254.27	231.91	218.15	201.83	326.20
1993	2,928	54	12	25	17	259.38	242.57	245.20	174.79	360.21
1994	2,962	54	11	26	17	269.82	244.07	232.80	165.05	409.81
1995	2,987	55	11	26	18	279.51	281.62	352.47	165.00	407.08
1996	3,034	53	10	26	17	288.66	285.52	311.17	172.72	444.79
1997	3,111	54	11	27	17	296.40	273.91	262.14	171.64	506.13
1998	3,186	54	11	28	16	295.73	274.58	230.65	183.42	494.57
1999	3,208	50	10	24	15	300.03	292.60	225.77	198.73	525.32
2000	3,180	50	10	24	15	311.99	296.59	201.67	205.34	545.16
2001	3,148	49	10	24	15	322.35	291.04	221.06	196.98	528.15
2002	3,118	47	9	24	14	328.39	264.90	214.59	198.93	541.01
2003	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..

Compound Annual Growth Rate

1979-2003	0.36	-2.97	-3.37	-2.98	-2.65	2.79	3.28	4.38	1.15	5.47
1979-1990	0.23	-3.63	-3.45	-3.92	-3.25	2.77	5.11	8.91	2.09	6.51
1990-2000	0.78	-2.20	-2.87	-2.36	-1.44	2.85	3.13	-0.14	0.67	5.53
2000-2003	-0.97	-3.15	-5.38	-0.84	-5.35	2.59	-5.49	3.15	-1.57	-0.38

Source: Calculated by CSLS from Groningen Growth and Development Centre, 60-Industry Database, February 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Table 605a: Value Added, Norway, Forest Products Sector, 1979-2002

	Nominal Value Added, Millions of Kroner					Value Added Deflators (1995 = 100)					Real Value Added, Millions of 1995 Kroner				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	241,438	6,452	1,458	2,907	2,087	48.2	54.7	89.1	40.0	51.3	500,756	11,790	1,637	7,270	4,070
1980	287,992	6,962	1,619	3,291	2,052	54.6	58.9	94.1	47.0	50.3	527,680	11,813	1,720	7,001	4,079
1981	329,134	7,864	2,138	3,392	2,334	61.5	61.8	85.1	52.3	54.3	534,821	12,727	2,513	6,490	4,299
1982	366,007	7,808	2,011	3,460	2,337	68.2	66.8	98.9	54.3	57.6	536,775	11,689	2,034	6,367	4,054
1983	405,682	8,136	1,879	3,594	2,663	72.8	67.4	97.4	56.4	61.1	557,417	12,071	1,928	6,373	4,362
1984	455,345	9,142	2,279	3,533	3,330	76.6	71.3	99.5	56.4	67.9	594,648	12,818	2,290	6,265	4,907
1985	497,485	9,451	2,279	3,850	3,322	80.1	77.5	120.8	59.0	69.2	621,152	12,196	1,886	6,528	4,799
1986	506,602	10,381	2,609	4,300	3,472	78.8	85.2	139.2	64.2	70.5	643,075	12,189	1,874	6,698	4,924
1987	560,800	11,546	2,970	4,867	3,709	84.8	91.4	150.7	69.3	73.0	661,115	12,627	1,971	7,019	5,082
1988	589,915	12,743	3,475	4,799	4,469	88.5	93.8	141.0	72.1	80.5	666,336	13,580	2,464	6,654	5,554
1989	636,363	12,804	3,465	4,411	4,928	93.5	89.7	115.0	71.7	87.9	680,876	14,279	3,014	6,149	5,604
1990	675,260	12,942	3,783	4,356	4,803	97.4	95.3	132.9	74.1	84.8	693,092	13,586	2,846	5,878	5,666
1991	707,640	11,885	3,789	3,857	4,239	99.1	88.0	118.0	73.6	74.3	714,402	13,508	3,212	5,243	5,705
1992	724,890	10,703	3,370	3,694	3,639	97.7	84.0	113.4	75.0	66.0	742,058	12,735	2,972	4,923	5,511
1993	757,038	10,513	2,850	3,692	3,971	99.7	80.4	95.3	84.8	65.6	759,389	13,074	2,990	4,352	6,052
1994	785,568	11,696	2,712	4,367	4,617	98.3	88.6	106.2	101.8	65.9	799,186	13,198	2,554	4,291	7,008
1995	835,001	15,361	3,858	4,257	7,246	100.0	100.0	100.0	100.0	100.0	835,001	15,361	3,858	4,257	7,246
1996	913,191	13,019	2,951	4,104	5,964	104.3	86.0	91.8	92.9	78.5	875,887	15,135	3,216	4,419	7,601
1997	987,454	12,587	2,647	4,854	5,086	107.1	84.4	92.0	105.5	60.2	922,135	14,920	2,876	4,600	8,452
1998	1,000,989	13,877	2,797	5,267	5,813	106.2	92.8	114.8	104.4	71.6	942,220	14,959	2,436	5,046	8,114
1999	1,095,380	13,721	2,709	5,089	5,923	113.8	94.2	119.3	105.4	73.2	962,342	14,559	2,270	4,829	8,090
2000	1,323,855	14,738	2,613	5,618	6,507	133.5	99.6	124.6	113.5	77.5	991,964	14,802	2,097	4,950	8,397
2001	1,377,062	14,126	2,586	5,438	6,102	135.7	98.7	120.8	113.6	76.0	1,014,909	14,315	2,141	4,787	8,028
2002	1,382,749	11,671	2,378	5,351	3,942	135.0	94.1	119.0	113.5	52.8	1,023,908	12,400	1,998	4,715	7,466
2003	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2004	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate															
1979-2002	7.88	2.61	2.15	2.69	2.80	4.58	2.39	1.27	4.64	0.13	3.16	0.22	0.87	-1.87	2.67
1979-1990	9.80	6.53	9.05	3.75	7.87	6.60	5.17	3.71	5.77	4.68	3.00	1.30	5.15	-1.91	3.05
1990-2000	6.96	1.31	-3.63	2.58	3.08	3.20	0.44	-0.65	4.36	-0.89	3.65	0.86	-3.01	-1.70	4.01
2000-2002	2.20	-11.01	-4.60	-2.41	-22.17	0.59	-2.77	-2.26	0.00	-17.45	1.60	-8.47	-2.39	-2.40	-5.71

Source: Calculated by CSLS from Groningen Growth and Development Centre, 60-Industry Database, February 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Note:

Real Value Added calculated by CSLS from GGDC Nominal Value Added and Value Added Deflators

Table 606: Labour Productivity and Hours Worked, Sweden, Forest Products Sector, 1979-2003

	Millions of Hours Worked					Labour Productivity, Real Value Added per Hour Worked, 1995 Konor				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	6,483	268	93	87	87	181.58	231.38	183.32	169.96	470.71
1980	6,567	265	91	85	88	183.56	235.06	193.57	175.38	474.00
1981	6,552	257	89	82	86	185.35	228.77	197.68	164.02	474.19
1982	6,560	251	89	79	83	188.38	247.34	202.14	179.16	477.25
1983	6,574	255	91	81	83	192.81	277.99	227.23	193.16	541.42
1984	6,699	255	88	82	85	196.66	299.42	230.33	204.52	601.79
1985	6,743	249	86	76	86	199.25	277.60	224.76	197.77	560.02
1986	6,816	247	83	77	87	201.77	276.60	234.11	193.46	549.49
1987	6,874	244	79	77	88	207.85	314.48	251.75	204.79	698.41
1988	7,006	242	77	77	88	208.08	315.26	249.24	211.80	614.46
1989	7,126	243	76	79	89	209.51	317.82	260.74	220.12	593.61
1990	7,169	241	76	80	86	212.71	305.14	261.03	219.04	576.59
1991	7,002	225	70	74	81	215.80	298.41	275.92	206.07	546.63
1992	6,724	205	63	66	77	219.69	311.76	319.02	191.35	531.09
1993	6,452	193	60	60	73	228.61	360.62	325.39	204.63	606.21
1994	6,549	197	60	65	72	232.04	364.86	345.26	206.89	623.10
1995	6,673	190	48	66	75	239.02	426.46	536.87	217.49	540.33
1996	6,651	187	47	66	73	240.11	391.82	445.06	245.63	533.18
1997	6,582	186	45	68	73	249.13	414.50	495.66	247.45	579.88
1998	6,678	180	40	68	72	251.39	421.86	512.80	263.79	575.56
1999	6,857	175	35	68	71	254.47	452.73	590.37	281.51	612.54
2000	6,928	175	35	68	73	261.01	480.69	549.55	298.10	647.02
2001	6,963	173	34	69	70	260.33	487.81	592.35	303.36	639.08
2002	6,877	169	33	67	69	266.44	511.21	619.98	314.56	682.88
2003	6,774	163	32	65	67	275.72	540.70	657.36	335.20	718.13
2004	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate										
1979-2003	0.18	-2.03	-4.39	-1.25	-1.08	1.76	3.60	5.46	2.87	1.78
1979-1990	0.92	-0.93	-1.84	-0.83	-0.14	1.45	2.55	3.26	2.33	1.86
1990-2000	-0.34	-3.14	-7.51	-1.58	-1.64	2.07	4.65	7.73	3.13	1.16
2000-2003	-0.75	-2.33	-2.99	-1.66	-2.64	1.84	4.00	6.15	3.99	3.54

Source: Calculated by CCLS from Groningen Growth and Development Centre, 60-Industry Database, October 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Table 606a: Value Added, Sweden, Forest Products Sector, 1979-2003

	Nominal Value Added, Millions of Konor					Value Added Deflators (1995 = 100)					Real Value Added, Millions of 1995 Konor				
	Forest Products Sector					Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
	Total, All Industries	Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	449,821	25,513	9,590	6,766	9,157	38.2	41.2	56.1	45.6	22.3	1,177,280	61,929	17,094	14,837	41,002
1980	507,578	29,144	11,001	8,115	10,028	42.1	46.9	62.2	54.3	24.1	1,205,385	62,199	17,695	14,955	41,680
1981	554,600	30,485	12,521	7,539	10,425	45.7	51.8	71.1	56.4	25.4	1,214,384	58,819	17,615	13,377	40,997
1982	610,833	32,699	12,956	7,809	11,935	49.4	52.7	72.0	55.1	30.3	1,235,806	62,002	17,996	14,173	39,393
1983	683,027	41,045	16,079	9,782	15,183	53.9	58.0	78.0	62.8	33.7	1,267,517	70,792	20,612	15,574	45,116
1984	762,409	48,818	18,080	11,494	19,244	57.9	64.0	89.0	68.8	37.7	1,317,409	76,255	20,322	16,711	50,994
1985	826,460	47,722	19,246	10,271	18,206	61.5	69.2	99.5	68.3	37.6	1,343,579	68,991	19,345	15,040	48,388
1986	914,276	50,085	20,695	10,269	19,121	66.5	73.3	106.1	69.3	40.0	1,375,193	68,323	19,502	14,827	47,837
1987	986,045	56,353	21,955	11,806	22,593	69.0	73.6	110.6	74.7	36.9	1,428,728	76,618	19,843	15,811	61,187
1988	1,073,669	60,972	22,492	13,048	25,432	73.7	80.0	117.1	79.9	47.2	1,457,699	76,226	19,215	16,324	53,839
1989	1,189,205	67,013	24,556	15,454	27,003	79.7	86.7	124.0	89.3	51.4	1,492,932	77,272	19,808	17,307	52,554
1990	1,303,879	68,561	25,582	17,636	25,343	85.5	93.1	129.0	101.1	51.2	1,524,862	73,655	19,833	17,437	49,468
1991	1,362,174	60,886	24,107	14,560	22,219	90.1	90.8	125.4	95.7	50.1	1,511,122	67,054	19,225	15,216	44,380
1992	1,358,370	55,203	23,146	11,415	20,642	92.0	86.3	116.0	90.3	50.7	1,477,234	63,986	19,955	12,642	40,692
1993	1,385,564	55,467	20,067	11,369	24,031	93.9	79.7	102.8	92.2	54.5	1,475,080	69,567	19,515	12,331	44,056
1994	1,465,023	64,308	23,735	14,071	26,502	96.4	89.4	114.1	104.9	58.9	1,519,690	71,957	20,798	13,409	44,968
1995	1,594,907	80,819	26,027	14,424	40,368	100.0	100.0	100.0	100.0	100.0	1,594,907	80,819	26,027	14,424	40,368
1996	1,635,227	68,826	24,892	14,699	29,235	102.4	94.2	119.3	90.2	74.8	1,596,884	73,095	20,874	16,290	39,100
1997	1,701,889	70,485	25,271	16,892	28,322	103.8	91.4	112.7	100.7	67.0	1,639,648	77,081	22,428	16,770	42,297
1998	1,762,347	70,528	24,529	16,412	29,587	105.0	93.0	120.1	92.0	71.1	1,678,887	75,809	20,417	17,835	41,599
1999	1,855,625	72,472	25,099	16,902	30,471	106.3	91.7	120.7	88.3	69.7	1,745,021	79,017	20,798	19,137	43,691
2000	1,967,235	82,920	23,713	18,582	40,625	108.8	98.3	124.0	91.8	86.3	1,808,365	84,333	19,123	20,244	47,060
2001	2,025,903	85,742	24,352	19,053	42,337	111.8	101.6	122.3	90.4	94.7	1,812,667	84,381	19,914	21,065	44,684
2002	2,097,099	82,603	24,284	20,065	38,254	114.4	95.7	118.6	95.1	81.4	1,832,388	86,335	20,480	21,095	46,976
2003	2,178,187	84,193	24,752	20,451	38,990	116.6	95.2	118.5	94.5	80.9	1,867,756	88,392	20,884	21,647	48,206
2004	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate															
1979-2003	6.79	5.10	4.03	4.72	6.22	4.76	3.55	3.17	3.08	5.51	1.94	1.49	0.84	1.59	0.68
1979-1990	10.16	9.40	9.33	9.10	9.70	7.60	7.69	7.86	7.51	7.84	2.38	1.59	1.36	1.48	1.72
1990-2000	4.20	1.92	-0.76	0.52	4.83	2.44	0.55	-0.39	-0.97	5.36	1.72	1.36	-0.36	1.50	-0.50
2000-2003	3.45	0.51	1.44	3.25	-1.36	2.35	-1.05	-1.49	0.97	-2.15	1.08	1.58	2.98	2.26	0.80

Source: Calculated by from CSLS from Groningen Growth and Development Centre, 60-Industry Database, October 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Note:

Real Value Added calculated by CSLS from GGDC Nominal Value Added and Value Added Deflators

Table 607: Labour Productivity and Hours Worked, United Kingdom, Forest Products Sector, 1979-2003

	Millions of Hours Worked					Labour Productivity, Real Value Added per Hour Worked, 1995 Pounds				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	47,306	578	61	203	313	10.06	9.72	4.22	11.15	10.01
1980	46,656	562	64	190	308	10.00	9.62	4.30	11.16	9.88
1981	44,436	501	62	175	264	10.37	10.43	4.19	11.38	11.39
1982	43,362	473	64	165	244	10.70	10.64	4.03	11.54	12.02
1983	42,913	460	63	166	231	11.01	11.07	4.22	10.69	13.82
1984	43,740	461	65	169	226	11.00	11.33	4.17	10.84	13.82
1985	44,303	460	62	175	223	11.50	11.41	4.72	9.84	14.52
1986	44,035	461	60	180	221	11.91	11.82	4.86	9.93	15.27
1987	44,855	482	60	190	232	12.30	11.80	5.03	10.25	14.87
1988	46,625	497	62	197	238	12.43	12.29	5.58	11.09	15.08
1989	47,572	494	62	195	237	12.56	13.30	5.77	11.30	16.94
1990	47,700	478	60	191	227	12.67	13.97	6.05	11.17	18.45
1991	45,867	436	59	169	208	13.01	14.73	6.48	11.24	19.96
1992	43,912	427	51	169	207	13.58	15.15	7.79	11.09	20.35
1993	43,174	441	47	178	215	14.18	14.98	7.48	10.77	20.13
1994	43,757	448	47	181	221	14.65	15.43	8.13	11.46	20.28
1995	44,625	427	39	171	217	14.84	15.87	8.74	11.17	20.85
1996	44,862	435	42	177	217	15.22	15.12	7.31	10.66	20.26
1997	45,721	431	48	174	209	15.53	14.66	6.91	10.50	20.17
1998	46,258	423	47	172	204	16.01	14.40	7.32	10.50	19.88
1999	46,967	408	49	165	195	16.20	14.59	7.40	10.49	20.43
2000	47,323	391	46	163	181	16.62	14.66	8.49	10.89	20.29
2001	47,759	366	41	155	170	16.80	15.68	9.04	11.48	21.78
2002	47,415	362	36	160	166	17.30	16.01	11.57	11.29	22.48
2003	47,595	346	31	153	162	17.72	15.90	12.18	11.92	21.57
2004	..	..	..	..	..	..	..	..	..	..
Compound Annual Growth Rate										
1979-2003	0.03	-2.11	-2.73	-1.17	-2.71	2.39	2.07	4.51	0.28	3.25
1979-1990	0.08	-1.70	-0.19	-0.54	-2.88	2.12	3.35	3.32	0.01	5.71
1990-2000	-0.08	-2.01	-2.55	-1.59	-2.23	2.75	0.49	3.44	-0.25	0.95
2000-2003	0.19	-3.93	-12.08	-2.09	-3.71	2.16	2.74	12.79	3.06	2.06

Source: Calculated by CCLS from Groningen Growth and Development Centre, 60-Industry Database, October 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Table 607a: Value Added, United Kingdom, Forest Products Sector, 1979-2003

	Nominal Value Added, Millions of Current Pounds					Value Added Deflators (1995 = 100)					Real Value Added, Millions of 1995 Pounds				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	186,957	2,151	123	925	1,103	39.3	38.3	47.5	40.9	35.1	476,074	5,615	258	2,265	3,138
1980	218,866	2,517	135	1,067	1,315	46.9	46.5	48.8	50.4	43.1	466,608	5,408	276	2,116	3,048
1981	242,385	2,695	143	1,117	1,435	52.6	51.6	54.7	56.2	47.7	460,600	5,225	261	1,989	3,009
1982	263,311	2,914	149	1,236	1,529	56.7	57.9	57.6	65.0	52.2	464,182	5,034	259	1,902	2,930
1983	287,022	3,353	156	1,401	1,796	60.8	65.8	58.4	78.7	56.3	472,419	5,097	268	1,779	3,188
1984	307,106	3,241	160	1,207	1,874	63.8	62.0	58.5	65.8	59.9	481,352	5,223	273	1,833	3,129
1985	339,629	3,459	166	1,170	2,122	66.6	65.9	57.1	68.0	65.5	509,617	5,246	291	1,720	3,242
1986	356,448	3,900	183	1,263	2,453	67.9	71.5	62.6	70.7	72.6	524,639	5,455	293	1,786	3,381
1987	384,734	4,422	205	1,568	2,649	69.7	77.7	67.6	80.5	76.8	551,620	5,690	303	1,947	3,448
1988	425,803	4,901	234	1,736	2,931	73.5	80.2	67.7	79.5	81.6	579,501	6,111	346	2,184	3,591
1989	478,343	5,394	266	1,848	3,280	80.1	82.2	74.5	83.9	81.8	597,508	6,566	357	2,204	4,009
1990	519,083	5,602	277	1,860	3,466	85.9	83.8	76.4	87.1	82.7	604,600	6,684	362	2,136	4,192
1991	539,089	5,546	274	1,688	3,583	90.3	86.4	72.2	88.8	86.4	596,708	6,418	380	1,902	4,147
1992	565,228	5,679	290	1,686	3,703	94.8	87.8	73.1	89.7	88.1	596,431	6,467	396	1,879	4,204
1993	594,390	5,662	304	1,582	3,776	97.1	85.7	86.2	82.3	87.1	612,245	6,606	353	1,921	4,335
1994	630,974	6,237	340	1,746	4,151	98.4	90.2	89.8	84.3	92.6	641,190	6,918	378	2,070	4,481
1995	662,327	6,785	339	1,916	4,530	100.0	100.0	100.0	100.0	100.0	662,327	6,785	339	1,916	4,530
1996	703,171	6,829	305	2,006	4,518	103.0	103.8	100.4	106.4	102.9	682,641	6,577	304	1,886	4,390
1997	742,529	6,822	276	2,217	4,330	104.6	107.8	83.4	121.1	102.6	710,145	6,326	330	1,831	4,219
1998	791,308	6,713	261	2,327	4,125	106.9	110.1	75.1	128.7	101.8	740,496	6,098	347	1,808	4,053
1999	826,117	6,650	256	2,248	4,146	108.5	111.6	71.2	130.0	104.2	761,070	5,958	360	1,730	3,981
2000	875,089	6,551	267	2,336	3,948	111.2	114.3	68.0	131.6	107.3	786,640	5,730	392	1,776	3,680
2001	916,926	6,576	269	2,371	3,936	114.3	114.7	72.8	133.1	106.4	802,412	5,734	369	1,781	3,699
2002	971,999	6,813	291	2,517	4,006	118.5	117.4	69.8	139.1	107.3	820,433	5,802	417	1,810	3,733
2003	1,027,657	6,718	298	2,703	3,717	121.8	121.9	78.0	148.1	106.4	843,595	5,510	383	1,825	3,494
2004	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Compound Annual Growth Rate

1979-2003	7.36	4.86	3.78	4.57	5.19	4.83	4.94	2.09	5.51	4.72	2.41	-0.08	1.65	-0.90	0.45
1979-1990	9.73	9.09	7.68	6.55	10.97	7.37	7.38	4.41	7.12	8.09	2.20	1.60	3.13	-0.53	2.67
1990-2000	5.36	1.58	-0.36	2.30	1.31	2.62	3.15	-1.15	4.21	2.64	2.67	-1.53	0.80	-1.83	-1.29
2000-2003	5.50	0.84	3.80	4.98	-1.99	3.07	2.16	4.67	4.04	-0.28	2.36	-1.29	-0.83	0.91	-1.72

Source: Groningen Growth and Development Centre, 60-Industry Database, October 2005, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Note:

Real Value Added calculated by CCLS from GGDC Nominal Value Added and Value Added Deflators

Table 608: Labour Productivity and Hours Worked, United States, Forest Products Sector, 1979-2004

	Millions of Hours Worked					Labour Productivity, Real Value Added per Hour Worked, 1995 US Dollars				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	197,834	3,909	1,094	1,309	1,506	25.99	21.17	11.74	17.24	33.56
1980	197,795	3,717	1,088	1,158	1,471	25.84	22.14	15.46	17.26	31.83
1981	199,312	3,660	1,056	1,127	1,477	26.51	21.85	15.05	16.43	31.61
1982	195,710	3,449	1,047	996	1,406	25.80	23.31	16.78	17.11	33.74
1983	198,277	3,601	1,050	1,129	1,422	25.35	25.58	20.03	19.01	36.99
1984	207,956	3,784	1,103	1,202	1,479	25.23	25.64	21.03	19.97	36.05
1985	211,926	3,694	1,074	1,163	1,456	25.57	26.84	22.22	21.61	37.03
1986	215,191	3,720	1,075	1,194	1,452	25.56	27.76	22.44	23.62	38.11
1987	221,203	3,841	1,100	1,264	1,477	25.73	29.19	26.52	23.93	38.74
1988	226,975	3,827	1,060	1,263	1,504	26.31	28.93	24.01	24.41	38.35
1989	231,865	3,890	1,125	1,244	1,521	26.86	27.51	19.75	24.73	36.74
1990	233,311	3,853	1,071	1,237	1,545	27.26	27.65	19.55	24.54	36.48
1991	230,091	3,659	1,003	1,133	1,523	27.42	28.94	20.08	24.71	38.41
1992	230,422	3,712	1,022	1,160	1,530	27.80	28.61	18.49	21.96	40.65
1993	235,370	3,811	1,063	1,218	1,530	27.75	26.91	14.42	18.79	44.83
1994	240,984	3,803	962	1,311	1,530	28.07	28.00	16.12	18.61	46.79
1995	245,307	3,783	952	1,322	1,509	28.02	26.64	16.53	20.39	38.48
1996	249,553	3,733	903	1,338	1,491	28.51	27.88	17.47	19.75	41.70
1997	255,924	3,802	940	1,361	1,501	28.84	27.37	14.98	19.07	43.89
1998	261,416	3,539	648	1,406	1,485	29.26	28.94	23.10	18.88	41.85
1999	266,228	3,600	715	1,426	1,459	29.91	29.28	24.01	18.93	43.30
2000	271,752	3,561	720	1,418	1,423	30.57	29.01	26.08	19.65	40.41
2001	268,669	3,432	772	1,316	1,343	31.58	27.92	25.16	20.75	37.76
2002	265,277	3,204	705	1,249	1,250	32.40	30.46	28.03	21.49	42.15
2003	264,292	2,993	610	1,209	1,174	33.31	32.26	33.78	22.94	43.14
2004	267,167	3,095	700	1,251	1,145	34.46	32.89	32.15	22.91	48.63
Compound Annual Growth Rate										
1979-2003	1.21	-1.11	-2.41	-0.33	-1.03	1.04	1.77	4.50	1.20	1.05
1979-1990	1.51	-0.13	-0.19	-0.51	0.23	0.44	2.46	4.75	3.26	0.76
1990-2000	1.54	-0.79	-3.90	1.37	-0.82	1.15	0.48	2.93	-2.20	1.03
2000-2003	-0.92	-5.63	-5.39	-5.17	-6.21	2.91	3.61	9.00	5.31	2.20
1979-2004	1.21	-0.93	-1.77	-0.18	-1.09	1.14	1.78	4.11	1.14	1.49
2000-2004	-0.42	-3.44	-0.69	-3.09	-5.30	3.04	3.19	5.37	3.91	4.73

Source: Calculated by CCLS from Groningen Growth and Development Centre, 60-Industry Database, September 2006, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Table 608a: Value Added, United States, Forest Products Sector, 1979-2004

	Nominal Value Added, Millions of Current Dollars					Value Added Deflators (1995 = 100)					Real Value Added, Millions of 1995 US Dollars				
	Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector				Total, All Industries	Forest Products Sector			
		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products		Total, Forest Products Sector	Forestry	Wood & Products of Wood and Cork	Pulp, Paper & Paper Products
1979	2,386,742	42,542	6,758	14,574	21,210	46.4	51.4	52.7	64.6	42.0	5,141,029	82,771	12,835	22,576	50,554
1980	2,593,506	41,509	7,309	12,099	22,101	50.7	50.4	43.4	60.6	47.2	5,111,722	82,302	16,827	19,979	46,817
1981	2,897,947	41,877	6,564	11,145	24,168	54.8	52.4	41.3	60.2	51.8	5,283,803	79,962	15,883	18,513	46,693
1982	3,026,451	41,921	6,568	9,928	25,425	59.9	52.2	37.4	58.2	53.6	5,049,230	80,385	17,567	17,054	47,439
1983	3,289,754	48,310	7,689	13,713	26,908	65.4	52.4	36.6	63.9	51.2	5,026,921	92,107	21,031	21,459	52,603
1984	3,662,204	53,619	8,251	15,209	30,158	69.8	55.3	35.6	63.4	56.6	5,247,735	97,032	23,199	24,008	53,316
1985	3,931,556	55,127	8,318	15,646	31,163	72.6	55.6	34.8	62.2	57.8	5,418,215	99,166	23,874	25,137	53,926
1986	4,161,584	59,787	8,322	18,169	33,296	75.7	57.9	34.5	64.4	60.2	5,500,481	103,258	24,117	28,201	55,322
1987	4,421,785	67,508	11,065	20,217	36,226	77.7	60.2	37.9	66.8	63.3	5,691,530	112,128	29,157	30,247	57,227
1988	4,758,249	73,132	11,272	20,373	41,486	79.7	66.0	44.3	66.1	71.9	5,971,049	110,732	25,460	30,832	57,666
1989	5,112,225	76,781	12,013	21,188	43,580	82.1	71.7	54.1	68.9	78.0	6,227,231	107,020	22,218	30,759	55,867
1990	5,404,348	75,119	12,234	19,949	42,935	85.0	70.5	58.4	65.7	76.2	6,359,570	106,529	20,932	30,355	56,359
1991	5,565,731	72,952	11,533	18,988	42,431	88.2	68.9	57.3	67.8	72.5	6,309,169	105,887	20,138	27,999	58,494
1992	5,883,833	76,290	12,999	20,113	43,178	91.8	71.8	68.8	79.0	69.4	6,406,794	106,213	18,894	25,469	62,206
1993	6,190,369	82,213	14,853	22,594	44,766	94.8	80.2	96.9	98.8	65.3	6,532,561	102,531	15,332	22,880	68,581
1994	6,558,744	89,565	15,639	25,712	48,214	97.0	84.1	100.8	105.4	67.4	6,764,492	106,468	15,513	24,390	71,585
1995	6,873,422	100,752	15,730	26,945	58,077	100.0	100.0	100.0	100.0	100.0	6,873,422	100,752	15,730	26,945	58,077
1996	7,270,029	95,490	14,206	26,510	54,773	102.2	91.8	90.0	100.3	88.1	7,113,557	104,069	15,786	26,439	62,177
1997	7,725,263	94,151	13,280	28,054	52,816	104.7	90.5	94.3	108.1	80.2	7,379,767	104,050	14,078	25,952	65,886
1998	8,142,563	97,373	14,144	29,477	53,752	106.5	95.1	94.5	111.0	86.5	7,647,855	102,392	14,972	26,545	62,127
1999	8,638,570	103,267	15,392	32,049	55,826	108.5	98.0	89.7	118.7	88.4	7,964,093	105,399	17,159	26,997	63,184
2000	9,152,406	104,846	16,044	31,530	57,272	110.2	101.5	85.5	113.2	99.6	8,307,795	103,293	18,772	27,853	57,527
2001	9,454,631	96,857	14,857	31,336	50,664	111.4	101.1	76.5	114.8	99.9	8,483,943	95,800	19,428	27,308	50,723
2002	9,745,247	97,321	14,894	30,489	51,937	113.4	99.7	75.4	113.6	98.5	8,595,699	97,614	19,753	26,848	52,713
2003	10,216,493	96,397	15,435	33,010	47,951	116.0	99.8	75.0	119.0	94.6	8,804,539	96,560	20,590	27,741	50,666
2004	10,924,931	107,800	17,808	39,263	50,729	118.7	105.9	79.1	137.1	91.1	9,206,278	101,812	22,504	28,645	55,663

Compound Annual Growth Rate

1979-2003	6.25	3.47	3.50	3.47	3.46	3.89	2.80	1.48	2.58	3.45	2.27	0.64	1.99	0.86	0.01
1979-1990	7.71	5.30	5.54	2.90	6.62	5.65	2.92	0.95	0.16	5.57	1.95	2.32	4.55	2.73	0.99
1990-2000	5.41	3.39	2.75	4.68	2.92	2.63	3.71	3.87	5.59	2.71	2.71	-0.31	-1.08	-0.86	0.21
2000-2003	3.73	-2.76	-1.28	1.54	-5.75	1.75	-0.55	-4.28	1.68	-1.67	1.95	-2.22	3.13	-0.14	-4.15
1979-2004	6.27	3.79	3.95	4.04	3.55	3.83	2.93	1.64	3.06	3.15	2.36	0.83	2.27	0.96	0.39
2000-2004	4.53	0.70	2.64	5.64	-2.99	1.88	1.06	-1.91	4.90	-2.18	2.60	-0.36	4.64	0.70	-0.82

Source: Calculated by CSLS from Groningen Growth and Development Centre, 60-Industry Database, September 2006, <http://www.ggdc.net/>, updated from O'Mahony and van Ark (2003)

Note:

Real Value Added calculated by CSLS from GGDC Nominal Value Added and Value Added Deflators

Table 610: Composition of the Forest Products Sector, Selected OECD Countries, Nominal Value Added as a Share of Nominal Value Added in the Forest Products Sector, per cent, 1979-2003

	Canada			Finland			France			Germany			Italy			Norway			Sweden			United Kingdom			United States			
	Forestry	Wood & Products	Pulp, Paper &	Forestry	Wood & Products	Pulp, Paper &	Forestry	Wood & Products	Pulp, Paper &	Forestry	Wood & Products	Pulp, Paper &	Forestry	Wood & Products	Pulp, Paper &	Forestry	Wood & Products	Pulp, Paper &	Forestry	Wood & Products	Pulp, Paper &	Forestry	Wood & Products	Pulp, Paper &	Forestry	Wood & Products	Pulp, Paper &	
1979	22.6	32.4	45.1	37.52	21.19	41.28	38.93	26.50	34.57	8.50	51.50	40.00	8.50	51.50	40.00	22.60	45.06	32.35	37.59	26.52	35.89	5.70	43.03	51.28	15.88	34.26	49.86	
1980	22.2	27.5	50.4	38.03	22.76	39.20	38.97	26.48	34.54	8.18	53.76	38.06	8.18	53.76	38.06	23.25	47.27	29.47	37.75	27.85	34.41	5.36	42.40	52.24	17.61	29.15	53.24	
1981	22.1	24.6	53.3	40.14	18.01	41.85	36.51	27.55	35.94	9.62	55.33	35.05	9.62	55.33	35.05	27.19	43.13	29.68	41.07	24.73	34.20	5.30	41.46	53.24	15.67	26.61	57.71	
1982	23.3	22.7	54.1	42.44	16.41	41.15	33.53	28.85	37.63	10.74	52.30	36.96	10.74	52.30	36.96	25.76	44.31	29.93	39.62	23.88	36.50	5.12	42.42	52.46	15.67	23.68	60.65	
1983	24.7	28.8	46.5	38.22	20.70	41.08	33.41	28.90	37.69	11.16	53.74	35.09	11.16	53.74	35.09	23.09	44.17	32.73	39.18	23.83	36.99	4.66	41.78	53.56	15.92	28.39	55.70	
1984	22.8	26.5	50.7	36.11	18.49	45.40	31.35	29.79	38.86	12.37	50.08	37.56	12.37	50.08	37.56	24.93	38.65	36.43	37.04	23.54	39.42	4.93	37.23	57.84	15.39	28.37	56.25	
1985	21.1	29.3	49.6	38.79	16.03	45.18	31.72	29.63	38.65	12.92	49.13	37.95	12.92	49.13	37.95	24.11	40.74	35.15	40.33	21.52	38.15	4.81	33.82	61.37	15.09	28.38	56.53	
1986	18.9	29.8	51.3	36.61	17.33	46.06	31.88	29.56	38.56	12.62	48.97	38.41	12.62	48.97	38.41	25.13	41.42	33.45	41.32	20.50	38.18	4.69	32.40	62.91	13.92	30.39	55.69	
1987	19.7	28.9	51.4	35.56	18.41	46.02	33.45	28.88	37.67	13.41	48.61	37.98	13.41	48.61	37.98	25.72	42.15	32.12	38.96	20.95	40.09	4.63	35.47	59.90	16.39	29.95	53.66	
1988	20.4	25.0	54.6	34.15	16.87	48.98	33.88	28.69	37.43	12.31	49.91	37.78	12.31	49.91	37.78	27.27	37.66	35.07	36.89	21.40	41.71	4.78	35.41	59.81	15.41	27.86	56.73	
1989	21.2	26.0	52.8	34.81	18.50	46.69	33.17	29.00	37.83	11.57	50.28	38.14	11.57	50.28	38.14	27.06	34.45	38.49	36.64	23.06	40.29	4.93	34.26	60.81	15.65	27.60	56.76	
1990	21.2	26.2	52.5	36.81	20.63	42.56	32.07	29.48	38.45	10.88	50.23	38.90	10.88	50.23	38.90	29.23	33.66	37.11	37.31	25.72	36.96	4.94	33.20	61.86	16.29	26.56	57.16	
1991	22.9	27.7	49.4	37.84	18.07	44.09	31.61	29.68	38.71	11.13	51.03	37.84	11.13	51.03	37.84	31.88	32.45	35.67	39.59	23.91	36.49	4.95	30.44	64.61	15.81	26.03	58.16	
1992	24.8	32.3	42.9	32.95	18.18	48.86	28.92	30.85	40.23	11.00	49.34	39.65	11.00	49.34	39.65	31.49	34.51	34.00	41.93	20.68	37.39	5.10	29.69	65.21	17.04	26.36	56.60	
1993	25.3	37.8	36.9	27.58	19.35	53.07	26.02	31.99	41.98	10.73	49.06	40.20	10.73	49.06	40.20	27.11	35.12	37.77	36.18	20.50	43.32	5.38	27.94	66.68	18.07	27.48	54.45	
1994	22.0	40.1	37.9	27.99	20.21	51.80	32.88	28.98	38.14	10.17	48.54	41.29	10.17	48.54	41.29	23.18	37.34	39.48	36.91	21.88	41.21	5.45	28.00	66.56	17.46	28.71	53.83	
1995	20.1	27.2	52.6	26.66	15.25	58.08	31.26	28.12	40.61	8.84	46.81	44.35	8.84	46.81	44.35	25.11	27.71	47.17	32.20	17.85	49.95	4.99	28.24	66.77	15.61	26.74	57.64	
1996	21.3	31.0	47.6	29.72	14.43	55.85	28.67	29.82	41.51	8.73	48.87	42.40	8.73	48.87	42.40	22.67	31.52	45.81	36.17	21.36	42.48	4.47	29.37	66.16	14.88	27.76	57.36	
1997	21.5	36.1	42.5	31.86	18.68	49.46	29.52	28.55	41.94	8.36	49.80	41.84	8.36	49.80	41.84	21.03	38.56	40.41	35.85	23.97	40.18	4.04	32.50	63.46	14.11	29.80	56.10	
1998	21.7	34.8	43.5	29.33	16.54	54.13	29.34	29.27	41.39	7.89	49.80	42.31	7.89	49.80	42.31	20.16	37.95	41.89	34.78	23.27	41.95	3.89	34.66	61.45	14.53	30.27	55.20	
1999	19.0	41.5	39.5	29.65	16.15	54.20	30.01	28.93	41.06	7.57	50.88	41.54	7.57	50.88	41.54	19.74	37.09	43.17	34.63	23.32	42.05	3.85	33.80	62.34	14.91	31.03	54.06	
2000	17.3	37.7	45.0	27.65	14.51	57.84	25.25	30.11	44.64	8.25	51.12	40.63	8.25	51.12	40.63	17.73	38.12	44.15	28.60	22.41	48.99	4.07	35.66	60.27	15.30	30.07	54.62	
2001	17.2	37.8	45.0	27.72	13.85	58.43	29.56	26.44	43.99	8.68	48.59	42.73	8.68	48.59	42.73	18.31	38.50	43.20	28.40	22.22	49.38	4.09	36.05	59.86	15.34	32.35	52.31	
2002	16.4	40.9	42.7	31.17	14.84	53.99	28.05	28.13	43.82	8.46	49.77	41.76	8.46	49.77	41.76	20.37	45.85	33.78	29.40	24.29	46.31	4.27	36.94	58.79	15.30	31.33	53.37	
2003	17.6	40.6	41.7	33.48	16.94	49.58	26.19	29.56	44.26	9.36	50.10	40.54	9.36	50.10	40.54	20.37	45.85	33.78	29.40	24.29	46.31	4.44	40.23	55.32	16.01	34.24	49.74	
Total Growth Rate																												
1979-2003	-21.87	25.59	-7.43	-10.77	-20.06	20.08	-32.73	11.52	28.02	10.14	-2.71	1.33	10.14	-2.71	1.33	-9.85	1.76	4.42	-21.79	-8.41	29.02	-22.05	-6.49	7.90	0.80	-0.04	-0.23	

Source: Tables 600-608

Note: Figures for Norway for 2003 are from 2002.

Table 801: Gross Domestic Product, Newfoundland and Labrador, Forest Products Sector, millions of dollars, 1984-2007

	Current dollars						Chained 2002 dollars						
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1984	5,991	59	8	x	x	x	9,813	x	114	16	x	x	x
1985	6,193	49	7	x	x	x	9,833	x	98	14	x	x	x
1986	6,636	40	6	x	x	x	10,030	x	77	9	x	x	x
1987	7,146	43	7	x	x	x	10,216	x	78	10	x	x	x
1988	7,873	61	7	x	x	5	10,893	x	98	11	x	x	10
1989	8,269	64	5	x	x	5	11,010	x	105	9	x	x	9
1990	8,599	61	6	x	x	4	10,976	x	92	10	x	x	6
1991	8,732	55	12	x	x	3	10,626	x	82	17	x	x	5
1992	8,666	55	10	x	x	5	10,393	x	73	14	x	x	7
1993	8,823	68	12	x	x	8	10,485	x	78	14	x	x	10
1994	9,311	79	10	x	x	x	10,862	x	87	8	x	x	x
1995	9,644	89	9	x	x	x	11,000	x	88	8	x	x	x
1996	9,488	90	12	x	x	8	10,637	x	76	9	x	x	8
1997	9,407	93	x	x	x	6	10,858	x	94	x	x	x	8
1998	9,986	92	21	x	x	x	11,429	x	84	17	x	x	x
1999	10,890	101	22	x	x	x	12,163	x	100	19	x	x	x
2000	12,575	84	33	x	x	x	12,883	x	95	32	x	x	x
2001	12,790	90	x	x	x	x	12,959	x	85	x	x	x	x
2002	14,976	90	42	x	x	x	14,976	x	90	42	x	x	x
2003	16,543	107	40	x	x	x	15,929	x	101	44	x	x	x
2004	17,683	118	27	x	x	x	15,684	x	86	30	x	x	x
2005	..	..	..	..	..	..	15,751	x	89	x	x	x	x
2006	..	..	..	..	..	..	16,246	x	74	x	x	x	x
2007	..	..	..	..	..	..	17,763	x	63	x	x	x	x
Compound Annual Growth Rate													
1984-2007	..	..	..	..	..	..	2.61	..	-2.56	x	x	x	x
1984-1989	6.66	1.91	-7.06	x	x	x	2.33	..	-1.56	-9.75	x	x	x
1989-2000	3.88	2.49	18.29	x	x	x	1.44	..	-0.94	11.86	x	x	x
2000-2007	..	..	..	..	..	..	4.70	..	-5.75	x	x	x	x
1984-2004	5.56	3.55	6.69	x	x	x	2.37	..	-1.41	3.33	x	x	x
2000-2004	8.90	8.68	-4.54	x	x	x	5.04	..	-2.49	-1.61	x	x	x
1986-2006	..	..	..	..	..	..	2.44	..	-0.26	..	..	..	..
1989-2000	3.88	2.49	18.29	..	..	..	1.44	..	-0.94	11.86	..	..	..
2000-2006	..	..	..	..	..	..	3.94	..	-4.17	..	..	..	..

Source: Statistics Canada CANSIM Table 379-0025.

Note:

1. "x" means that data were not released by Statistics Canada for reasons of confidentiality.

2. Chained 2002 Fisher dollar series are available 1997-2007. These series were extended into the past (starting in 1996) using the growth rates of the corresponding constant-dollar series from the same CANSIM table.

3. Chained-dollar series for "Paper Manufacturing [322]" is the sum of the chained-dollar series for "Pulp, Paper and Paperboard Mills [3221]" and "Converted Paper Product Manufacturing [3222]," both of which were constructed as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

4. Chained-dollar series for "Forest Products Sector" is the sum of the chained-dollar series for "Forestry and Logging," "Wood Product Manufacturing," and "Paper Manufacturing," all of which were constructed as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

Table 802: Gross Domestic Product, Prince Edward Island, Forest Products Sector, millions of dollars, 1984-2007

	Current dollars						Chained 2002 dollars						
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1984	1,397	3	6	..	..	..	2,113	..	10	..	0	0	0
1985	1,480	4	x	..	..	..	2,146	..	11	..	0	0	0
1986	1,606	4	6	..	..	..	2,233	31	11	21	0	0	0
1987	1,727	4	7	..	..	..	2,297	32	13	20	0	0	0
1988	1,910	5	9	x	..	x	2,466	39	13	26	0	0	0
1989	2,042	6	8	x	..	x	2,481	37	12	25	0	0	0
1990	2,129	7	6	x	..	x	2,468	32	13	19	0	0	0
1991	2,204	7	5	x	..	x	2,457	29	14	15	0	0	0
1992	2,271	6	6	x	..	x	2,489	27	11	16	0	0	0
1993	2,280	9	5	..	..	3	2,512	30	16	10	4	0	4
1994	2,444	9	5	..	..	3	2,626	26	15	8	3	0	3
1995	2,673	10	6	..	..	3	2,795	30	17	11	2	0	2
1996	2,679	15	6	..	..	3	2,876	22	10	10	2	0	2
1997	2,521	18	x	..	..	2	2,871	..	11	..	2	0	2
1998	2,694	16	11	x	..	x	3,022	..	9	19	..	0	..
1999	2,849	13	13	x	..	x	3,137	..	7	16	..	0	..
2000	3,035	8	x	x	x	x	3,199	..	8	..	..	0	..
2001	3,133	6	16	x	..	x	3,192	..	7	14	..	0	..
2002	3,339	7	x	x	x	x	3,339	..	7	..	..	0	..
2003	3,421	9	15	..	..	5	3,412	..	9	17	4	0	4
2004	3,615	11	17	..	..	9	3,514	..	9	17	7	0	7
2005	..	..	..	..	..	..	3,564	..	9	..	..	0	..
2006	..	..	..	..	..	..	3,645	..	9	..	..	0	..
2007	..	..	..	..	..	..	3,730	..	7	..	..	0	..
Compound Annual Growth Rate													
1984-2007	..	..	..	..	..	..	2.50	..	-1.82	..	..	0.00	..
1984-1989	7.88	11.84	5.08	x	..	x	3.26	..	3.55	..	0.00	0.00	0.00
1989-2000	3.67	3.64	x	x	x	x	2.34	..	-3.77	..	..	0.00	..
2000-2007	..	..	..	..	..	..	2.22	..	-2.47	..	..	0.00	..
1984-2004	4.87	6.42	5.04	..	..	..	2.58	..	-0.60	..	..	0.00	..
2000-2004	4.47	7.54	x	x	x	x	2.37	..	3.23	..	..	0.00	..
1986-2006	..	..	..	..	..	..	2.48	..	-1.03	..	..	..	..
1989-2000	3.67	3.64	..	..	..	..	2.34	..	-3.77	..	..	..	..
2000-2006	..	..	..	..	..	..	2.20	..	1.39	..	..	..	..

Source: Statistics Canada CANSIM Table 379-0025.

Note:

1. "x" means that data were not released by Statistics Canada for reasons of confidentiality.

2. Chained 2002 Fisher dollar series are available 1997-2007. These series were extended into the past (starting in 1996) using the growth rates of the corresponding constant-dollar series from the same CANSIM table.

3. Chained-dollar series for "Paper Manufacturing [322]" is the sum of the chained-dollar series for "Pulp, Paper and Paperboard Mills [3221]" and "Converted Paper Product Manufacturing [3222]," both of which were construct as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

4. Chained-dollar series for "Forest Products Sector" is the sum of the chained-dollar series for "Forestry and Logging," "Wood Product Manufacturing," and "Paper Manufacturing," all of which were constructed as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

Table 803: Gross Domestic Product, Nova Scotia, Forest Products Sector, millions of dollars, 1984-2007

	Current dollars						Chained 2002 dollars						
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1984	11,064	53	x	181	160	22	16,243	..	76	x	..	..	31
1985	11,859	66	45	190	168	22	16,944	..	93	144	..	..	30
1986	12,966	55	49	223	202	21	17,473	..	74	139	..	..	28
1987	13,673	71	56	279	260	19	17,824	..	88	151	..	..	24
1988	14,475	98	45	309	287	22	18,308	..	109	133	..	..	27
1989	15,241	90	46	340	307	34	18,535	..	101	127	..	..	40
1990	16,089	87	40	257	233	24	18,760	..	91	120	..	..	26
1991	16,540	81	30	164	134	30	18,716	..	83	89	..	..	29
1992	16,790	90	34	169	143	27	18,800	..	82	90	..	..	29
1993	16,968	90	x	153	126	27	18,871	..	69	x	..	..	30
1994	17,292	96	67	215	186	29	19,084	..	71	95	..	..	32
1995	17,967	135	57	439	411	28	19,467	..	91	91	..	..	36
1996	17,995	101	72	x	x	32	19,504	..	65	106	..	..	31
1997	18,380	79	127	x	x	32	20,027	..	66	135	x	x	34
1998	19,380	59	143	x	x	x	20,772	..	45	171	x	x	x
1999	20,942	108	165	x	x	x	21,971	..	111	145	x	x	x
2000	22,482	134	179	x	x	x	22,729	..	119	151	x	x	x
2001	23,593	141	162	x	x	x	23,531	..	138	146	x	x	x
2002	24,509	150	198	x	x	x	24,509	..	150	198	x	x	x
2003	26,131	137	222	x	x	x	24,955	..	138	203	x	x	x
2004	27,199	137	219	x	x	x	25,337	..	127	211	x	x	x
2005	..	..	..	..	..	..	25,706	..	118	x	x	x	x
2006	..	..	..	..	..	..	25,959	..	84	x	x	x	x
2007	..	..	..	..	..	..	26,413	..	99	x	x	x	x
Compound Annual Growth Rate													
1984-2007	..	..	..	..	..	..	2.14	..	1.13	x	x	x	x
1984-1989	6.62	10.93	x	13.43	13.93	9.37	2.67	..	5.93	x	..	..	5.79
1989-2000	3.60	3.71	13.23	x	x	x	1.87	..	1.47	1.61	x	x	x
2000-2007	..	..	..	..	..	..	2.17	..	-2.69	x	x	x	x
1984-2004	4.60	4.82	x	x	x	x	2.25	..	2.60	x	x	x	x
2000-2004	4.88	0.57	5.20	x	x	x	2.75	..	1.64	8.63	x	x	x
1986-2006	..	..	..	..	..	..	2.00	..	0.66	..	..	..	..
1989-2000	3.60	3.71	13.23	..	..	..	1.87	..	1.47	1.61	..	..	..
2000-2006	..	..	..	..	..	..	2.24	..	-5.65	..	..	..	..

Source: Statistics Canada CANSIM Table 379-0025

Note:

1. "x" means that data were not released by Statistics Canada for reasons of confidentiality.

2. Chained 2002 Fisher dollar series are available 1997-2007. These series were extended into the past (starting in 1996) using the growth rates of the corresponding constant-dollar series from the same CANSIM table.

3. Chained-dollar series for "Paper Manufacturing [322]" is the sum of the chained-dollar series for "Pulp, Paper and Paperboard Mills [3221]" and "Converted Paper Product Manufacturing [3222]," both of which were construct as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

4. Chained-dollar series for "Forest Products Sector" is the sum of the chained-dollar series for "Forestry and Logging," "Wood Product Manufacturing," and "Paper Manufacturing," all of which were constructed as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

Table 804: Gross Domestic Product, New Brunswick, Forest Products Sector, millions of dollars, 1984-2007

	Current dollars						Chained 2002 dollars						
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1984	8,370	227	x	236	227	10	12,167	..	468	x	271	243	28
1985	8,866	166	98	251	241	10	12,699	890	378	196	316	289	27
1986	9,717	159	124	363	353	10	13,310	912	352	229	331	307	24
1987	10,758	193	154	582	570	11	13,953	1,051	396	261	393	368	25
1988	11,562	259	168	613	598	14	14,265	1,142	473	314	354	323	31
1989	12,110	272	x	516	500	16	14,523	..	507	x	319	288	31
1990	12,513	242	x	391	374	16	14,510	..	424	x	261	233	28
1991	12,658	185	137	247	225	21	14,469	869	316	265	288	254	34
1992	12,866	179	148	220	199	22	14,493	845	270	251	324	287	36
1993	13,080	181	195	244	221	24	14,636	844	225	235	384	344	40
1994	14,037	254	278	363	335	28	15,018	928	308	251	369	321	48
1995	15,079	297	216	1,083	1,051	32	15,492	1,046	315	230	501	444	56
1996	15,301	345	336	719	689	30	15,808	1,147	301	319	527	477	50
1997	15,270	292	419	584	550	34	15,937	1,146	242	406	499	458	41
1998	16,044	231	411	751	712	39	16,586	1,220	238	439	543	498	45
1999	17,356	310	589	733	689	44	17,612	1,362	268	472	623	577	45
2000	18,306	286	553	910	873	37	18,074	1,460	258	474	727	689	38
2001	18,813	309	507	745	700	45	18,376	1,381	301	471	610	569	41
2002	19,115	336	495	666	619	47	19,115	1,497	336	495	666	619	47
2003	20,167	292	481	698	647	51	19,610	1,553	299	498	757	708	49
2004	21,313	338	540	889	816	73	19,921	1,756	336	503	917	860	57
2005	..	..	..	..	..	..	19,959	1,491	304	497	689	626	63
2006	..	..	..	..	..	..	20,580	1,683	360	487	836	768	69
2007	..	..	..	..	..	..	20,863	1,552	328	429	795	725	69
Compound Annual Growth Rate													
1984-2007	..	..	..	..	..	..	2.37	..	-1.53	x	4.79	4.87	4.04
1984-1989	7.67	3.70	x	16.92	17.16	10.76	3.60	..	1.63	x	3.31	3.45	2.01
1989-2000	3.83	0.47	x	5.29	5.19	8.02	2.01	..	-5.97	x	7.79	8.26	1.99
2000-2007	..	..	..	..	..	..	2.07	0.88	3.52	-1.44	1.27	0.73	8.86
1984-2004	4.78	2.02	x	6.85	6.62	10.64	2.50	..	-1.65	x	6.29	6.53	3.63
2000-2004	3.88	4.22	-0.58	-0.58	-1.65	18.00	2.46	4.72	6.81	1.47	5.97	5.70	10.40
1986-2006	..	..	..	..	..	..	2.20	3.11	0.11	3.84	4.74	4.68	5.43
1989-2000	3.83	0.47	..	5.29	5.19	8.02	2.01	2.06	-5.97	..	7.79	8.26	1.99
2000-2006	..	..	..	..	..	..	2.19	2.40	5.71	0.44	2.35	1.81	10.23

Source: Statistics Canada CANSIM Table 379-0025

Note:

- "x" means that data were not released by Statistics Canada for reasons of confidentiality.
- Chained 2002 Fisher dollar series are available 1997-2007. These series were extended into the past (starting in 1996) using the growth rates of the corresponding constant-dollar series from the same CANSIM table.
- Chained-dollar series for "Paper Manufacturing [322]" is the sum of the chained-dollar series for "Pulp, Paper and Paperboard Mills [3221]" and "Converted Paper Product Manufacturing [3222]," both of which were construct as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."
- Chained-dollar series for "Forest Products Sector" is the sum of the chained-dollar series for "Forestry and Logging," "Wood Product Manufacturing," and "Paper Manufacturing," all of which were constructed as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

Table 805: Gross Domestic Product, Quebec, Forest Products Sector, millions of dollars, 1984-2007

	Current dollars						Chained 2002 dollars						
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1984	92,089	487	813	2,115	1,793	321	144,835	5,784	791	1,547	3,446	2,690	756
1985	98,748	510	839	2,264	1,894	370	150,541	5,756	820	1,602	3,334	2,530	805
1986	105,251	517	931	2,522	2,170	352	155,042	5,784	792	1,614	3,378	2,663	714
1987	116,118	684	1,088	2,775	2,381	394	162,282	6,010	972	1,725	3,314	2,572	742
1988	126,982	772	1,121	3,097	2,674	424	169,129	6,284	1,000	1,929	3,355	2,583	772
1989	134,611	855	1,066	2,750	2,275	475	171,825	5,924	1,014	1,736	3,173	2,375	798
1990	140,125	722	967	2,474	2,014	460	172,657	5,949	864	1,638	3,447	2,653	794
1991	141,299	624	912	2,239	1,704	534	168,250	5,709	726	1,569	3,414	2,549	865
1992	143,199	657	1,003	x	1,307	x	169,425	..	693	1,591	x	2,585	x
1993	148,175	730	1,397	x	1,618	x	173,491	..	656	1,711	x	2,835	x
1994	155,823	733	x	x	1,966	x	179,494	..	633	x	x	3,093	x
1995	161,967	956	1,815	x	4,019	x	181,301	..	707	1,865	x	3,026	x
1996	164,652	790	2,089	x	3,477	x	181,988	..	703	2,130	x	2,644	x
1997	175,118	798	2,415	3,912	3,178	734	187,599	7,175	710	2,451	4,014	2,986	1,029
1998	182,252	993	2,482	4,514	3,493	1,021	193,826	7,626	816	2,637	4,173	2,908	1,266
1999	195,765	966	3,118	4,154	3,006	1,148	206,257	7,998	908	2,738	4,352	2,978	1,374
2000	209,301	1,185	3,239	4,872	3,825	1,047	215,608	8,413	1,154	2,959	4,301	3,184	1,117
2001	215,711	1,101	3,307	5,101	3,912	1,189	218,322	8,613	1,190	3,198	4,226	3,081	1,145
2002	223,850	1,209	3,493	4,409	3,147	1,262	223,850	9,112	1,209	3,493	4,409	3,147	1,262
2003	232,980	1,099	3,272	3,693	2,532	1,161	226,805	8,751	1,126	3,385	4,240	3,027	1,213
2004	244,172	1,311	3,406	3,554	2,332	1,222	232,823	8,475	1,302	3,073	4,100	2,855	1,245
2005	..	..	..	..	..	..	237,725	8,161	1,233	2,894	4,034	2,780	1,254
2006	..	..	..	..	..	..	242,137	7,684	1,085	2,685	3,915	2,821	1,094
2007	..	..	..	..	..	..	248,542	7,073	879	2,520	3,674	2,603	1,071

Compound Annual Growth Rate

1984-2007	..	..	..	..	..	..	2.38	0.88	0.46	2.14	0.28	-0.14	1.52
1984-1989	7.89	11.94	5.56	5.39	4.87	8.12	3.48	0.48	5.10	2.34	-1.64	-2.46	1.10
1989-2000	4.09	3.01	10.63	5.34	4.84	7.45	2.08	3.24	1.18	4.97	2.80	2.70	3.10
2000-2007	..	..	..	..	..	..	2.05	-2.45	-3.81	-2.27	-2.23	-2.84	-0.60
1984-2004	5.00	5.08	7.42	2.63	1.32	6.90	2.40	1.93	2.52	3.49	0.87	0.30	2.53
2000-2004	3.93	2.57	1.27	-7.58	-11.63	3.93	1.94	0.18	3.05	0.95	-1.19	-2.69	2.75
1986-2006	..	..	..	..	..	..	2.25	1.43	1.58	2.58	0.74	0.29	2.15
1989-2000	4.09	3.01	10.63	5.34	4.84	7.45	2.08	3.24	1.18	4.97	2.80	2.70	3.10
2000-2006	..	..	..	..	..	..	1.95	-1.50	-1.03	-1.60	-1.56	-2.00	-0.35

Source: Statistics Canada CANSIM Table 379-0025

Note:

1. "x" means that data were not released by Statistics Canada for reasons of confidentiality.

2. Chained 2002 Fisher dollar series are available 1997-2007. These series were extended into the past (starting in 1996) using the growth rates of the corresponding constant-dollar series from the same CANSIM table.

3. Chained-dollar series for "Paper Manufacturing [322]" is the sum of the chained-dollar series for "Pulp, Paper and Paperboard Mills [3221]" and "Converted Paper Product Manufacturing [3222]," both of which were construct as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

4. Chained-dollar series for "Forest Products Sector" is the sum of the chained-dollar series for "Forestry and Logging," "Wood Product Manufacturing," and "Paper Manufacturing," all of which were constructed as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

Table 806: Gross Domestic Product, Ontario, Forest Products Sector, millions of dollars, 1984-2007

	Current dollars						Chained 2002 dollars						
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1984	157,992	501	570	2,024	1,316	708	249,600	5,840	1,116	1,019	3,704	2,303	1,401
1985	172,224	473	664	2,029	1,276	753	263,022	5,762	1,062	1,182	3,517	2,159	1,358
1986	189,143	521	x	2,247	1,482	765	274,945	..	1,097	x	3,614	2,260	1,354
1987	208,965	538	784	2,639	1,820	819	289,154	5,980	1,058	1,177	3,746	2,389	1,357
1988	233,096	577	x	2,927	2,062	864	304,669	..	1,044	x	3,776	2,391	1,384
1989	252,247	579	x	3,001	2,029	972	314,047	..	948	x	3,987	2,562	1,425
1990	256,335	490	x	2,712	1,798	914	310,051	..	797	x	3,879	2,505	1,374
1991	257,917	421	570	x	1,108	x	302,463	..	665	899	x	1,992	x
1992	263,462	484	x	2,166	1,237	929	304,432	..	688	x	3,551	2,154	1,397
1993	269,549	514	x	2,127	1,226	901	308,060	..	619	x	3,527	2,119	1,408
1994	284,289	583	x	x	1,430	x	322,427	..	670	x	x	2,110	x
1995	301,731	691	x	x	2,653	x	334,902	..	694	x	x	1,965	x
1996	310,920	594	x	x	2,327	x	338,879	..	570	x	x	1,893	x
1997	331,339	745	1,499	3,459	1,970	1,489	353,607	5,982	691	1,613	3,678	1,891	1,787
1998	348,261	783	1,702	3,414	2,070	1,344	370,329	5,990	689	1,766	3,535	1,851	1,684
1999	376,877	786	1,957	3,189	1,789	1,400	398,744	5,934	737	1,754	3,443	1,889	1,554
2000	406,239	924	2,289	4,297	2,679	1,618	423,169	6,856	911	2,094	3,852	2,158	1,695
2001	417,913	779	2,170	4,359	2,343	2,017	429,278	6,792	841	2,102	3,850	1,859	1,990
2002	440,221	862	2,301	4,018	1,979	2,039	440,221	7,180	862	2,301	4,018	1,979	2,039
2003	457,026	790	2,390	3,871	1,695	2,175	447,367	7,271	812	2,352	4,107	1,916	2,191
2004	477,648	851	2,441	3,758	1,583	2,175	460,425	7,187	804	2,328	4,056	1,988	2,067
2005	..	..	..	..	..	..	472,586	7,165	849	2,401	3,915	1,986	1,929
2006	..	..	..	..	..	..	483,505	6,409	752	2,309	3,348	1,671	1,676
2007	..	..	..	..	..	..	494,026	5,947	644	2,042	3,262	1,631	1,631

Compound Annual Growth Rate

1984-2007	..	..	..	..	..	..	3.01	0.08	-2.37	3.07	-0.55	-1.49	0.66
1984-1989	9.81	2.91	x	8.20	9.04	6.55	4.70	..	-3.22	x	1.48	2.16	0.33
1989-2000	4.43	4.34	x	3.32	2.56	4.74	2.75	..	-0.37	x	-0.31	-1.55	1.59
2000-2007	..	..	..	..	..	..	2.24	-2.01	-4.84	-0.36	-2.35	-3.92	-0.55
1984-2004	5.69	2.68	7.55	3.14	0.93	5.77	3.11	1.04	-1.63	4.22	0.45	-0.73	1.96
2000-2004	4.13	-2.04	1.63	-3.29	-12.33	7.68	2.13	1.18	-3.08	2.69	1.30	-2.02	5.10
1986-2006	..	..	..	..	..	..	2.86	..	-1.87	..	-0.38	-1.50	1.07
1989-2000	4.43	4.34	#VALUE!	3.32	2.56	4.74	2.75	..	-0.37	..	-0.31	-1.55	1.59
2000-2006	..	..	..	..	..	..	2.25	-1.12	-3.13	1.64	-2.31	-4.17	-0.18

Source: Statistics Canada CANSIM Table 379-0025

Note:

1. "x" means that data were not released by Statistics Canada for reasons of confidentiality.

2. Chained 2002 Fisher dollar series are available 1997-2007. These series were extended into the past (starting in 1996) using the growth rates of the corresponding constant-dollar series from the same CANSIM table.

3. Chained-dollar series for "Paper Manufacturing [322]" is the sum of the chained-dollar series for "Pulp, Paper and Paperboard Mills [3221]" and "Converted Paper Product Manufacturing [3222]," both of which were construct as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

4. Chained-dollar series for "Forest Products Sector" is the sum of the chained-dollar series for "Forestry and Logging," "Wood Product Manufacturing," and "Paper Manufacturing," all of which were constructed as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

Table 807: Gross Domestic Product, Manitoba, Forest Products Sector, millions of dollars, 1984-2007

	Current dollars						Chained 2002 dollars						
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1984	16,563	25	x	x	x	33	24,122	..	77	x	..	..	..
1985	18,220	24	x	x	x	x	25,902	..	74	x	..	..	..
1986	18,906	22	x	x	x	x	26,151	..	63	x	..	..	..
1987	20,006	33	64	x	x	33	26,550	..	89	92	..	..	..
1988	21,307	34	x	x	x	35	26,532	..	83	x	..	..	..
1989	22,416	27	x	x	x	39	26,783	..	61	x	..	..	..
1990	23,325	31	x	x	x	38	27,406	..	69	x	..	..	..
1991	22,753	22	50	x	x	x	26,107	..	48	71	..	..	..
1992	23,123	28	x	x	x	33	26,542	..	55	x	..	..	..
1993	23,273	32	68	x	x	31	26,623	..	52	92	..	..	..
1994	24,251	31	x	x	x	x	27,319	..	49	x	..	..	..
1995	25,185	45	x	x	x	58	27,588	..	62	x	..	..	..
1996	26,351	38	x	x	x	x	28,528	..	64	x	..	..	..
1997	27,479	48	122	x	x	x	29,673	..	47	137	x	x	x
1998	28,617	27	170	x	x	x	30,952	..	25	184	x	x	x
1999	29,692	51	286	x	x	x	31,383	..	53	238	x	x	x
2000	31,575	57	269	x	x	x	32,796	..	59	242	x	x	x
2001	32,528	57	233	x	x	x	33,047	..	60	223	x	x	x
2002	33,614	66	229	x	x	x	33,614	..	66	229	x	x	x
2003	34,563	64	304	x	x	x	34,031	..	63	284	x	x	x
2004	36,983	73	337	x	x	x	34,937	..	61	275	x	x	x
2005	..	..	..	..	..	..	35,872	..	60	295	x	x	x
2006	..	..	..	..	..	..	37,108	..	51	266	x	x	x
2007	..	..	..	..	..	..	38,407	..	53	270	x	x	x
Compound Annual Growth Rate													
1984-2007	..	..	..	..	..	..	2.04	..	-1.59	x	x	x	x
1984-1989	6.24	1.88	x	x	x	3.16	2.11	..	-4.61	x	x	x	x
1989-2000	3.16	6.94	x	x	x	x	1.86	..	-0.24	x	x	x	x
2000-2007	..	..	..	..	..	..	2.28	..	-1.49	1.58	x	x	x
1984-2004	4.10	5.60	x	x	x	x	1.87	..	-1.11	x	x	x	x
2000-2004	4.03	6.69	5.83	x	x	x	1.59	..	0.96	3.32	x	x	x
1986-2006	..	..	..	..	..	..	1.77	..	-1.07	..	..	..	..
1989-2000	3.16	6.94	..	..	..	..	1.86	..	-0.24	..	..	..	..
2000-2006	..	..	..	..	..	..	2.08	..	-2.37	1.62	..	..	..

Source: Statistics Canada CANSIM Table 379-0025

Note:

1. "x" means that data were not released by Statistics Canada for reasons of confidentiality.

2. Chained 2002 Fisher dollar series are available 1997-2007. These series were extended into the past (starting in 1996) using the growth rates of the corresponding constant-dollar series from the same CANSIM table.

3. Chained-dollar series for "Paper Manufacturing [322]" is the sum of the chained-dollar series for "Pulp, Paper and Paperboard Mills [3221]" and "Converted Paper Product Manufacturing [3222]," both of which were construct as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

4. Chained-dollar series for "Forest Products Sector" is the sum of the chained-dollar series for "Forestry and Logging," "Wood Product Manufacturing," and "Paper Manufacturing," all of which were constructed as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

Table 808: Gross Domestic Product, Saskatchewan, Forest Products Sector, millions of dollars, 1984-2007

	Current dollars						Chained 2002 dollars						
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1984	17,615	30	34	x	x	8	23,499	..	69	97	x	x	..
1985	19,047	33	42	x	x	8	24,389	..	73	115	x	x	..
1986	19,160	42	46	x	x	9	26,106	..	87	104	x	x	..
1987	19,041	48	50	x	x	8	25,623	..	94	113	x	x	..
1988	19,416	45	51	x	x	7	24,186	..	75	135	x	x	..
1989	20,077	45	57	x	x	6	25,122	..	71	141	x	x	..
1990	21,489	38	37	x	x	6	26,836	..	61	99	x	x	..
1991	20,872	26	34	x	x	6	26,900	..	41	82	x	x	..
1992	20,662	37	50	x	x	4	25,777	..	50	107	x	x	..
1993	21,430	44	81	x	x	5	27,096	..	49	117	x	x	..
1994	23,325	73	117	x	x	8	28,511	..	83	131	x	x	..
1995	24,879	73	105	x	x	9	28,543	..	72	133	x	x	..
1996	27,182	87	116	x	x	13	29,576	..	88	121	x	x	..
1997	26,907	67	146	x	x	x	31,199	..	65	154	x	x	x
1998	27,409	106	131	x	x	x	32,399	..	94	137	x	x	x
1999	28,747	108	156	x	x	x	32,722	..	129	126	x	x	x
2000	31,941	88	140	x	x	x	33,499	..	97	140	x	x	x
2001	31,278	95	110	x	x	x	33,006	..	101	109	x	x	x
2002	32,732	116	121	x	x	x	32,732	..	116	121	x	x	x
2003	34,961	109	174	x	x	x	34,215	..	104	166	x	x	x
2004	38,551	78	352	x	x	x	35,521	..	40	261	x	x	x
2005	..	..	..	..	..	..	36,695	..	33	339	x	x	x
2006	..	..	..	..	..	..	36,573	..	12	267	x	x	x
2007	..	..	..	..	..	..	37,501	..	9	209	x	x	x
Compound Annual Growth Rate													
1984-2007	..	..	..	..	..	..	2.05	..	-8.55	3.37	x	x	x
1984-1989	2.65	8.64	11.29	x	x	-4.97	1.34	..	0.78	7.71	x	x	x
1989-2000	4.31	6.37	8.44	x	x	x	2.65	..	2.82	-0.12	x	x	x
2000-2007	..	..	..	..	..	..	1.63	..	-29.02	5.93	x	x	x
1984-2004	3.99	4.93	12.47	x	x	x	2.09	..	-2.63	5.05	x	x	x
2000-2004	4.81	-3.24	25.99	x	x	x	1.48	..	-19.69	16.97	x	x	x
1986-2006	..	..	..	..	..	..	1.70	..	-9.28	4.80	..	..	..
1989-2000	4.31	6.37	8.44	..	..	..	2.65	..	2.82	-0.12	..	..	..
2000-2006	..	..	..	..	..	..	1.47	..	-29.01	11.40	..	..	..

Source: Statistics Canada CANSIM Table 379-0025

Note:

1. "x" means that data were not released by Statistics Canada for reasons of confidentiality.

2. Chained 2002 Fisher dollar series are available 1997-2007. These series were extended into the past (starting in 1996) using the growth rates of the corresponding constant-dollar series from the same CANSIM table.

3. Chained-dollar series for "Paper Manufacturing [322]" is the sum of the chained-dollar series for "Pulp, Paper and Paperboard Mills [3221]" and "Converted Paper Product Manufacturing [3222]," both of which were construct as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

4. Chained-dollar series for "Forest Products Sector" is the sum of the chained-dollar series for "Forestry and Logging," "Wood Product Manufacturing," and "Paper Manufacturing," all of which were constructed as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

Table 809: Gross Domestic Product, Alberta, Forest Products Sector, millions of dollars, 1984-2007

	Current dollars						Chained 2002 dollars						
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1984	63,974	41	x	x	x	x	79,860	..	71	..	..	..	..
1985	68,031	41	181	x	x	x	85,188	..	72	325	..	..	..
1986	59,152	56	233	x	x	x	83,163	..	85	356	..	..	..
1987	60,726	69	263	x	x	x	83,613	..	101	399	..	..	..
1988	63,292	80	259	x	x	x	88,972	..	105	457	..	..	..
1989	65,961	90	291	x	206	x	89,496	..	113	471	..	..	..
1990	72,350	91	298	x	289	x	92,085	..	113	508	..	..	..
1991	71,665	117	267	268	220	49	93,370	..	143	445	..	..	..
1992	72,470	121	334	279	234	45	94,551	..	132	467	..	..	..
1993	78,186	139	591	287	236	51	100,511	..	128	597	..	..	..
1994	85,153	189	749	534	459	74	107,810	..	168	588	..	..	..
1995	88,765	270	734	973	973	x	110,453	..	215	656	..	..	..
1996	95,513	224	830	555	555	x	113,189	..	206	739	..	..	..
1997	101,936	231	811	x	x	x	122,299	..	205	817	x	x	x
1998	102,139	218	873	x	x	x	128,001	..	188	906	x	x	x
1999	111,506	224	1,211	721	628	93	130,698	1,694	221	967	507	404	103
2000	139,045	321	1,222	905	819	86	139,172	1,919	300	1,096	523	435	89
2001	148,393	302	1,120	590	499	91	141,905	1,874	306	1,102	466	382	84
2002	144,266	341	1,206	494	393	100	144,266	2,040	341	1,206	494	393	100
2003	163,676	336	1,235	475	380	95	148,953	2,056	345	1,207	504	413	92
2004	182,752	374	1,732	524	420	104	157,365	2,284	375	1,400	508	417	92
2005	..	..	..	..	..	..	165,689	2,363	355	1,467	540	441	99
2006	..	..	..	..	..	..	176,775	2,276	322	1,420	534	435	99
2007	..	..	..	..	..	..	182,299	2,230	302	1,447	481	394	88
Compound Annual Growth Rate													
1984-2007	..	..	..	..	..	..	3.65	..	6.48	..	..	..	..
1984-1989	0.61	17.06	..	..	..	..	2.30	..	9.59	..	..	..	..
1989-2000	7.01	12.26	13.93	..	13.39	..	4.10	..	9.29	7.98	..	..	..
2000-2007	..	..	..	..	..	..	3.93	2.17	0.14	4.04	-1.19	-1.41	-0.15
1984-2004	5.39	11.70	..	..	..	..	3.45	..	8.65	..	..	..	..
2000-2004	7.07	3.87	9.12	-12.78	-15.40	4.88	3.12	4.45	5.78	6.31	-0.72	-1.05	0.84
1986-2006	..	..	..	..	..	..	3.84	..	6.88	7.16	..	..	..
1989-2000	7.01	12.26	13.93	..	13.39	..	4.10	..	9.29	7.98	..	..	..
2000-2006	..	..	..	..	..	..	4.07	2.88	1.21	4.40	0.34	0.01	1.88

Source: Statistics Canada CANSIM Table 379-0025

Note:

1. "x" means that data were not released by Statistics Canada for reasons of confidentiality.

2. Chained 2002 Fisher dollar series are available 1997-2007. These series were extended into the past (starting in 1996) using the growth rates of the corresponding constant-dollar series from the same CANSIM table.

3. Chained-dollar series for "Paper Manufacturing [322]" is the sum of the chained-dollar series for "Pulp, Paper and Paperboard Mills [3221]" and "Converted Paper Product Manufacturing [3222]," both of which were construct as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

4. Chained-dollar series for "Forest Products Sector" is the sum of the chained-dollar series for "Forestry and Logging," "Wood Product Manufacturing," and "Paper Manufacturing," all of which were constructed as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

Table 810: Gross Domestic Product, British Columbia, Forest Products Sector, millions of dollars, 1984-2007

	Current dollars						Chained 2002 dollars						
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1984	47,708	1,333	1,444	x	1,106	x	71,777	..	3,075	3,042	x	1,246	x
1985	50,979	1,279	1,742	x	1,045	x	75,256	..	2,985	3,620	x	1,347	x
1986	54,014	1,271	2,033	1,534	1,455	79	76,391	7,956	2,775	3,522	1,659	1,495	165
1987	59,354	1,766	2,603	2,159	2,068	91	80,537	9,799	3,603	4,449	1,747	1,575	172
1988	65,196	1,921	2,207	2,707	2,610	98	84,318	9,545	3,377	4,323	1,845	1,675	170
1989	70,583	1,905	2,304	2,613	2,502	111	87,734	9,274	3,227	4,285	1,761	1,576	185
1990	74,133	1,644	2,026	x	1,815	x	89,539	..	2,792	4,096	x	1,291	x
1991	77,389	1,476	1,658	x	1,266	x	90,792	..	2,445	3,503	x	1,285	x
1992	81,452	1,751	2,212	x	981	x	93,714	..	2,594	3,793	x	1,227	x
1993	87,648	2,506	3,280	x	946	x	98,277	..	3,157	3,784	x	1,353	x
1994	94,701	2,626	3,948	x	1,511	x	103,012	..	3,164	3,433	x	1,445	x
1995	98,987	2,947	3,352	x	2,429	x	105,766	..	3,110	3,471	x	1,272	x
1996	101,769	3,161	3,250	x	1,836	x	108,089	..	2,822	3,144	x	1,288	x
1997	104,554	3,185	3,634	1,599	1,481	118	111,554	7,782	2,935	3,425	1,422	1,266	156
1998	105,907	3,272	3,189	1,374	1,263	112	112,913	7,516	2,952	3,373	1,191	1,049	142
1999	110,806	2,919	4,459	1,723	1,597	126	116,307	8,250	2,789	3,792	1,670	1,528	142
2000	120,756	2,584	4,225	2,517	2,383	134	121,546	8,441	2,638	4,182	1,620	1,484	137
2001	122,773	2,344	3,623	1,727	1,601	125	122,848	7,441	2,647	3,432	1,362	1,241	121
2002	126,761	2,713	3,979	1,453	1,316	137	126,761	8,145	2,713	3,979	1,453	1,316	137
2003	133,213	2,487	3,465	1,233	1,100	133	130,026	8,298	2,761	4,074	1,463	1,334	129
2004	144,180	2,767	5,024	1,652	1,494	158	135,396	9,386	3,102	4,743	1,542	1,413	130
2005	..	..	..	..	..	..	141,216	9,640	3,191	4,918	1,531	1,399	132
2006	..	..	..	..	..	..	146,284	9,578	3,272	4,902	1,404	1,280	124
2007	..	..	..	..	..	..	150,442	8,826	3,018	4,426	1,382	1,270	113

Compound Annual Growth Rate

1984-2007	..	..	..	..	..	..	3.27	..	-0.08	1.64	x	0.08	x
1984-1989	8.15	7.41	9.80	x	17.74	x	4.10	..	0.98	7.09	x	4.81	x
1989-2000	5.00	2.81	5.67	-0.34	-0.44	1.68	3.01	-0.85	-1.82	-0.22	-0.76	-0.55	-2.73
2000-2007	..	..	..	..	..	..	3.09	0.64	1.94	0.81	-2.25	-2.20	-2.72
1984-2004	5.69	3.72	6.43	x	1.52	x	3.22	..	0.04	2.25	x	0.63	x
2000-2004	4.53	1.73	4.43	-9.98	-11.01	4.29	2.73	2.69	4.13	3.20	-1.23	-1.22	-1.31
1986-2006	..	..	..	..	..	..	3.30	0.93	0.83	1.67	-0.83	-0.77	-1.40
1989-2000	5.00	2.81	5.67	-0.34	-0.44	1.68	3.01	-0.85	-1.82	-0.22	-0.76	-0.55	-2.73
2000-2006	..	..	..	..	..	..	3.14	2.13	3.65	2.68	-2.36	-2.44	-1.56

Source: Statistics Canada CANSIM Table 379-0025

Note:

1. "x" means that data were not released by Statistics Canada for reasons of confidentiality.

2. Chained 2002 Fisher dollar series are available 1997-2007. These series were extended into the past (starting in 1996) using the growth rates of the corresponding constant-dollar series from the same CANSIM table.

3. Chained-dollar series for "Paper Manufacturing [322]" is the sum of the chained-dollar series for "Pulp, Paper and Paperboard Mills [3221]" and "Converted Paper Product Manufacturing [3222]," both of which were construct as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

4. Chained-dollar series for "Forest Products Sector" is the sum of the chained-dollar series for "Forestry and Logging," "Wood Product Manufacturing," and "Paper Manufacturing," all of which were constructed as outlined in Note 2. Since chained-dollar series should not be added, caution should be used interpreting the series "Paper Manufacturing [322]."

Table 811: Hours Worked, Newfoundland and Labrador, Forest Products Sector, thousands of hours, 1997-2007

	All industries, total economy	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	331,472	x	3,075	x	x	x	166
1998	339,958	x	3,191	1,079	x	x	x
1999	360,749	x	2,747	1,470	x	x	x
2000	352,266	x	2,398	1,399	x	x	x
2001	360,704	x	2,421	x	x	x	x
2002	363,412	x	2,219	1,558	x	x	x
2003	367,534	8,224	2,078	1,166	4,980	x	x
2004	373,068	7,376	1,785	1,399	4,192	x	x
2005	374,727	x	1,799	1,525	x	x	x
2006	382,753	x	1,570	1,241	x	x	x
2007	383,091	x	1,344	1,362	x	x	x
CAGR							
1997-2007	1.46	..	-7.94	..	..	..	..
1997-2000	2.05	..	-7.95	..	..	..	..
2000-2007	1.21	..	-7.94	..	..	..	..

Source:

1. Calculated from Statistics Canada CANSIM Table 383-0010

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Hours worked for all jobs, total economy

Table 812: Hours Worked, Prince Edward Island, Forest Products Sector, thousands of hours, 1997-2007

	All industries, total economy	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	109,389	x	279	x	100	0	100
1998	110,733	x	349	542	x	0	x
1999	111,488	x	356	683	x	0	x
2000	114,408	x	261	x	x	x	x
2001	115,744	x	180	712	x	40	x
2002	117,224	x	163	x	x	x	x
2003	118,402	954	190	646	118	0	118
2004	117,398	995	130	657	208	0	208
2005	120,579	x	109	747	x	0	x
2006	123,426	x	94	755	x	0	x
2007	121,734	x	55	546	x	0	x
CAGR							
1997-2007	1.08	x	-14.99	..	..	..	..
1997-2000	1.51	x	-2.20	..	..	..	..
2000-2007	0.89	x	-19.94	..	..	..	..

Source:

1. Calculated from Statistics Canada CANSIM Table 383-0010

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Hours worked for all jobs, total economy

Table 813: Hours Worked, Nova Scotia, Forest Products Sector, thousands of hours, 1997-2007

	All industries, total economy	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	705,814	x	4,541	6,437	x	x	1,318
1998	726,120	17,365	4,962	6,188	6,215	x	x
1999	740,023	17,999	5,395	6,382	6,222	x	x
2000	743,491	18,881	5,431	7,692	5,758	x	x
2001	752,628	17,299	4,727	7,131	5,441	x	x
2002	759,699	15,255	4,447	6,246	4,562	x	x
2003	767,664	15,731	5,044	6,105	4,582	x	x
2004	771,660	x	4,918	5,968	x	x	x
2005	781,974	x	4,262	6,616	x	x	x
2006	776,453	x	3,765	6,183	x	x	x
2007	788,914	x	4,029	6,042	x	x	x
CAGR							
1997-2007	1.12	x	-1.19	-0.63	..	..	..
1997-2000	1.75	x	6.15	6.12	..	..	..
2000-2007	0.85	x	-4.18	-3.39	..	..	..

Source:

1. Calculated from Statistics Canada CANSIM Table 383-0010

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Hours worked for all jobs, total economy

Table 814: Hours Worked, New Brunswick, Forest Products Sector, thousands of hours, 1997-2007

	All industries, total economy	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	575,104	33,580	10,650	12,845	10,085	8,861	1,224
1998	584,251	34,338	10,405	13,050	10,883	9,730	1,152
1999	606,095	37,519	10,733	14,293	12,493	11,253	1,239
2000	612,741	36,981	10,934	13,466	12,581	11,385	1,196
2001	606,505	36,608	9,291	14,091	13,226	11,967	1,259
2002	631,261	37,274	9,496	13,467	14,311	13,187	1,123
2003	626,768	36,876	8,699	12,961	15,216	14,120	1,097
2004	631,945	x	7,150	12,929	x	x	x
2005	630,728	x	7,083	9,897	x	x	x
2006	642,509	x	6,293	10,156	x	x	x
2007	648,361	x	6,279	9,957	x	x	x
CAGR							
1997-2007	1.21	..	-5.15	-2.51	..	..	..
1997-2000	2.14	3.27	0.88	1.59	7.65	8.71	-0.77
2000-2007	0.81	..	-7.62	-4.22	..	..	..

Source:

1. Calculated from Statistics Canada CANSIM Table 383-0010

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Hours worked for all jobs, total economy

Table 815: Hours Worked, Quebec, Forest Products Sector, thousands of hours, 1997-2007

	All industries, total economy	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	5,442,888	170,974	27,986	67,409	75,579	52,066	23,513
1998	5,587,894	174,042	31,942	70,840	71,260	45,255	26,005
1999	5,802,442	182,548	34,793	79,117	68,638	42,241	26,397
2000	5,902,486	182,925	31,095	84,850	66,980	40,987	25,993
2001	5,873,484	170,915	26,546	78,820	65,549	40,281	25,268
2002	6,033,468	174,609	30,025	79,047	65,537	41,364	24,174
2003	6,019,371	169,469	28,644	75,611	65,214	41,375	23,838
2004	6,175,843	166,014	26,585	71,724	67,705	43,152	24,553
2005	6,183,258	170,198	27,232	70,653	72,313	48,228	24,085
2006	6,239,461	168,691	26,445	69,239	73,007	48,200	24,807
2007	6,290,263	156,720	24,023	64,507	68,190	44,394	23,796
CAGR							
1997-2007	1.46	-0.87	-1.52	-0.44	-1.02	-1.58	0.12
1997-2000	2.74	2.28	3.57	7.97	-3.95	-7.67	3.40
2000-2007	0.91	-2.18	-3.62	-3.84	0.26	1.15	-1.25

Source:

1. Calculated from Statistics Canada CANSIM Table 383-0010

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Hours worked for all jobs, total economy

Table 816: Hours Worked, Ontario, Forest Products Sector, thousands of hours, 1997-2007

	All industries, total economy	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	9,651,835	140,608	20,633	51,191	68,784	32,448	36,336
1998	9,975,489	134,517	19,285	51,938	63,294	28,278	35,016
1999	10,313,534	141,494	20,137	54,814	66,543	30,297	36,246
2000	10,595,550	144,426	21,813	56,661	65,952	28,559	37,393
2001	10,767,015	145,862	17,109	58,238	70,515	27,994	42,521
2002	10,866,542	147,298	16,310	57,633	73,355	28,236	45,119
2003	11,091,993	143,721	16,102	54,533	73,086	26,598	46,488
2004	11,373,250	148,109	16,666	55,430	76,013	27,374	48,639
2005	11,444,238	141,096	17,966	52,582	70,548	23,468	47,080
2006	11,601,217	139,715	16,751	52,398	70,566	23,956	46,610
2007	11,749,409	129,055	15,253	48,459	65,343	20,656	44,688
CAGR							
1997-2007	1.99	-0.85	-2.98	-0.55	-0.51	-4.42	2.09
1997-2000	3.16	0.90	1.87	3.44	-1.39	-4.17	0.96
2000-2007	1.49	-1.59	-4.98	-2.21	-0.13	-4.52	2.58

Source:

1. Calculated from Statistics Canada CANSIM Table 383-0010

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Hours worked for all jobs, total economy

Table 817: Hours Worked, Manitoba, Forest Products Sector, thousands of hours, 1997-2007

	All industries, total economy	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	975,515	x	1,684	6,451	x	x	x
1998	983,611	x	1,851	6,512	x	x	x
1999	987,310	13,017	1,594	6,882	4,541	x	x
2000	995,995	15,961	1,589	9,102	5,270	x	x
2001	998,799	15,694	1,313	8,858	5,523	x	x
2002	1,006,507	15,016	1,517	8,847	4,652	x	x
2003	1,020,352	15,021	1,639	9,256	4,126	x	x
2004	1,038,810	15,888	1,292	10,660	3,936	x	x
2005	1,036,424	x	1,576	x	3,707	x	x
2006	1,047,506	14,071	1,244	9,512	3,315	x	x
2007	1,065,155	14,279	1,152	9,697	3,430	x	x
CAGR							
1997-2007	0.88	..	-3.73	4.16	..	..	..
1997-2000	0.69	..	-1.92	12.16	..	..	..
2000-2007	0.96	-1.58	-4.49	0.91	-5.95	..	..

Source:

1. Calculated from Statistics Canada CANSIM Table 383-0010

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Hours worked for all jobs, total economy

Table 818: Hours Worked, Saskatchewan, Forest Products Sector, thousands of hours, 1997-2007

	All industries, total economy	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	891,112	x	2,108	3,046	x	x	x
1998	894,212	x	2,366	3,211	x	x	x
1999	882,364	8,816	2,633	3,598	2,585	x	x
2000	879,323	8,962	2,191	3,923	2,848	x	x
2001	854,620	9,270	2,196	4,065	3,009	x	x
2002	852,646	8,585	1,739	4,391	2,455	x	x
2003	866,024	8,553	1,986	3,741	2,826	x	x
2004	878,075	9,092	1,985	3,970	3,137	x	x
2005	883,750	7,890	1,483	3,926	2,481	x	x
2006	898,871	x	1,921	x	539	x	x
2007	915,630	x	1,405	x	531	x	x
CAGR							
1997-2007	0.27	..	-3.98	..	..	..	..
1997-2000	-0.44	..	1.30	8.80	..	..	..
2000-2007	0.58	..	-6.15	..	-21.33	..	..

Source:

1. Calculated from Statistics Canada CANSIM Table 383-0010

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Hours worked for all jobs, total economy

Table 819: Hours Worked, Alberta, Forest Products Sector, thousands of hours, 1997-2007

	All industries, total economy	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	2,779,280	36,141	7,755	21,330	7,056	x	x
1998	2,847,365	37,205	7,381	22,190	7,634	x	x
1999	2,893,512	39,576	6,318	25,399	7,859	5,760	2,099
2000	2,989,786	37,321	6,226	23,121	7,974	5,848	2,126
2001	3,114,287	35,385	6,283	22,167	6,935	4,982	1,953
2002	3,123,915	36,815	5,699	24,225	6,891	4,666	2,225
2003	3,212,156	34,835	6,093	22,486	6,256	3,982	2,274
2004	3,324,683	33,362	6,088	21,392	5,882	3,946	1,936
2005	3,370,592	32,559	5,613	20,858	6,088	4,051	2,037
2006	3,527,814	36,386	5,871	23,398	7,117	x	x
2007	3,715,197	35,900	5,443	23,827	6,630	x	x
CAGR							
1997-2007	2.94	-0.07	-3.48	1.11	-0.62	..	..
1997-2000	2.46	1.08	-7.06	2.72	4.16	..	..
2000-2007	3.15	-0.55	-1.90	0.43	-2.60	..	..

Source:

1. Calculated from Statistics Canada CANSIM Table 383-0010

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Hours worked for all jobs, total economy

Table 820: Hours Worked, British Columbia, Forest Products Sector, thousands of hours, 1997-2007

	All industries, total economy	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	3,223,467	193,683	60,807	91,454	41,422	38,155	3,268
1998	3,187,399	162,704	50,609	76,232	35,863	33,164	2,699
1999	3,244,706	181,792	57,540	83,370	40,882	37,609	3,273
2000	3,324,645	171,016	53,304	78,992	38,720	35,710	3,010
2001	3,251,263	158,912	50,011	73,615	35,286	32,389	2,898
2002	3,330,495	152,391	50,399	71,607	30,385	27,721	2,664
2003	3,406,313	158,733	53,549	71,629	33,555	30,191	3,364
2004	3,578,099	166,646	56,070	74,314	36,262	32,479	3,783
2005	3,669,114	169,522	54,572	76,755	38,195	34,551	3,644
2006	3,767,699	161,782	50,775	74,052	36,955	33,447	3,508
2007	3,896,475	160,041	48,230	74,522	37,289	33,940	3,349
CAGR							
1997-2007	1.91	-1.89	-2.29	-2.03	-1.05	-1.16	0.25
1997-2000	1.04	-4.06	-4.29	-4.77	-2.22	-2.18	-2.70
2000-2007	2.29	-0.94	-1.42	-0.83	-0.54	-0.72	1.54

Source:

1. Calculated from Statistics Canada CANSIM Table 383-0010

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Hours worked for all jobs, total economy

Table 821: Labour Productivity, Newfoundland and Labrador, Forest Products Sector, chained 2002 dollars per hour worked, 1997-2007

	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	32.76	x	30.57	x	x	x	48.19
1998	33.62	x	26.20	16.03	x	x	x
1999	33.72	x	36.55	12.99	x	x	x
2000	36.57	x	39.57	22.80	x	x	x
2001	35.93	x	35.03	x	x	x	x
2002	41.21	x	40.56	26.89	x	x	x
2003	43.34	x	48.51	37.74	x	x	x
2004	42.04	x	48.07	21.37	x	x	x
2005	42.03	x	49.19	x	x	x	x
2006	42.45	x	46.82	x	x	x	x
2007	46.37	x	46.65	x	x	x	x
Compound Annual Growth Rate							
1997-2007	3.54	..	4.32	..	..	..	..
2000-2007	3.45	..	2.38	..	..	..	..

Source:

Tables 801 and 811

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Table 822: Labour Productivity, Prince Edward Island, Forest Products Sector, chained 2002 dollars per hour worked, 1997-2007

	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	26.25	x	39.43	x	22.00	..	22.00
1998	27.29	x	26.07	34.13	x	..	x
1999	28.14	x	20.51	23.72	x	..	x
2000	27.96	x	31.03	x	x	x	x
2001	27.58	x	37.22	20.22	x	10.00	x
2002	28.49	x	44.17	x	x	x	x
2003	28.82	x	47.37	26.16	35.59	..	35.59
2004	29.93	x	70.77	26.33	35.58	..	35.58
2005	29.56	x	80.73	x	x	..	x
2006	29.54	x	93.62	x	x	..	x
2007	30.64	x	123.64	x	x	..	x
Compound Annual Growth Rate							
1997-2007	1.56	..	12.11	..	..	..	..
2000-2007	1.31	..	21.83	..	..	..	..

Source:

Tables 802 and 812

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

".." means that data were not available

Table 823: Labour Productivity, Nova Scotia, Forest Products Sector, chained 2002 dollars per hour worked, 1997-2007

	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	28.37	x	14.51	20.96	x	x	25.57
1998	28.61	x	9.09	27.65	x	x	x
1999	29.69	x	20.56	22.74	x	x	x
2000	30.57	x	21.95	19.68	x	x	x
2001	31.26	x	29.13	20.42	x	x	x
2002	32.26	x	33.75	31.76	x	x	x
2003	32.51	x	27.40	33.30	x	x	x
2004	32.83	x	25.86	35.32	x	x	x
2005	32.87	x	27.78	x	x	x	x
2006	33.43	x	22.34	x	x	x	x
2007	33.48	x	24.45	x	x	x	x
Compound Annual Growth Rate							
1997-2007	1.67	..	5.35	..	..	..	..
2000-2007	1.31	..	1.55	..	..	..	..

Source:

Tables 803 and 813

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Table 824: Labour Productivity, New Brunswick, Forest Products Sector, chained 2002 dollars per hour worked, 1997-2007

	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	27.71	34.14	22.71	31.58	49.46	51.63	33.74
1998	28.39	35.53	22.87	33.65	49.89	51.18	39.06
1999	29.06	36.30	24.94	33.01	49.83	51.28	36.64
2000	29.50	39.47	23.58	35.23	57.82	60.53	32.02
2001	30.30	37.73	32.39	33.41	46.10	47.51	32.72
2002	30.28	40.16	35.43	36.73	46.52	46.90	42.12
2003	31.29	42.12	34.35	38.38	49.76	50.16	44.48
2004	31.52	x	46.92	38.90	x	x	x
2005	31.64	x	42.98	50.24	x	x	x
2006	32.03	x	57.16	47.95	x	x	x
2007	32.18	x	52.30	43.06	x	x	x

Compound Annual Growth Rate

1997-2007	1.51	..	8.70	3.15	..	..	..
2000-2007	1.25	..	12.05	2.91	..	..	..

Source:

Tables 804 and 814

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Table 825: Labour Productivity, Quebec, Forest Products Sector, chained 2002 dollars per hour worked, 1997-2007

	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	34.47	41.97	25.37	36.36	53.12	57.35	43.74
1998	34.69	43.82	25.55	37.22	58.57	64.26	48.66
1999	35.55	43.81	26.10	34.61	63.40	70.51	52.04
2000	36.53	45.99	37.12	34.87	64.21	77.68	42.97
2001	37.17	50.40	44.82	40.57	64.47	76.49	45.29
2002	37.10	52.18	40.27	44.19	67.28	76.08	52.20
2003	37.68	51.64	39.30	44.77	65.02	73.16	50.89
2004	37.70	51.05	48.96	42.85	60.56	66.17	50.71
2005	38.45	47.95	45.27	40.96	55.78	57.64	52.07
2006	38.81	45.55	41.01	38.78	53.62	58.52	44.10
2007	39.51	45.13	36.61	39.06	53.87	58.63	44.99
Compound Annual Growth Rate							
1997-2007	1.38	0.73	3.73	0.72	0.14	0.22	0.28
2000-2007	1.13	-0.27	-0.20	1.64	-2.48	-3.94	0.66

Source:

Tables 805 and 815

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Table 826: Labour Productivity, Ontario, Forest Products Sector, chained 2002 dollars per hour worked, 1997-2007

	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	36.64	42.55	33.49	31.51	53.47	58.29	49.18
1998	37.12	44.53	35.74	34.00	55.85	65.46	48.10
1999	38.66	41.94	36.59	32.00	51.73	62.34	42.87
2000	39.94	47.47	41.75	36.95	58.41	75.55	45.32
2001	39.87	46.57	49.15	36.08	54.59	66.42	46.81
2002	40.51	48.75	52.83	39.92	54.77	70.09	45.19
2003	40.33	50.59	50.42	43.14	56.19	72.05	47.12
2004	40.48	48.53	48.22	42.00	53.35	72.63	42.50
2005	41.29	50.78	47.26	45.67	55.49	84.63	40.97
2006	41.68	45.87	44.90	44.07	47.44	69.77	35.96
2007	42.05	46.08	42.19	42.14	49.92	78.96	36.50
Compound Annual Growth Rate							
1997-2007	1.39	0.80	2.33	2.95	-0.69	3.08	-2.94
2000-2007	0.74	-0.42	0.15	1.89	-2.22	0.63	-3.05

Source:

Tables 806 and 816

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Table 827: Labour Productivity, Manitoba, Forest Products Sector, chained 2002 dollars per hour worked, 1997-2007

	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	30.42	..	28.09	21.21	..	x	x
1998	31.47	..	13.29	28.27	..	x	x
1999	31.79	..	33.19	34.58	..	x	x
2000	32.93	..	37.13	26.53	..	x	x
2001	33.09	..	45.93	25.12	..	x	x
2002	33.40	..	43.70	25.87	..	x	x
2003	33.35	..	38.68	30.69	..	x	x
2004	33.63	..	47.45	25.82	..	x	x
2005	34.61	..	38.20	x	..	x	x
2006	35.42	..	41.08	27.96	..	x	x
2007	36.06		46.09	27.80	..	x	x

Compound Annual Growth Rate

1997-2007	1.72	..	5.08	2.75	..	x	x
2000-2007	1.31	..	3.14	0.67	..	x	x

Source:

Tables 807 and 817

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Table 828: Labour Productivity, Saskatchewan, Forest Products Sector, chained 2002 dollars per hour worked, 1997-2007

	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	35.01	..	30.74	50.53	..	x	x
1998	36.23	..	39.73	42.63	..	x	x
1999	37.08	..	48.96	34.94	..	x	x
2000	38.10	..	44.23	35.56	..	x	x
2001	38.62	..	45.81	26.89	..	x	x
2002	38.39	..	66.47	27.65	..	x	x
2003	39.51	..	52.17	44.48	..	x	x
2004	40.45	..	20.30	65.77	..	x	x
2005	41.52	..	22.39	86.45	..	x	x
2006	40.69	..	6.45	x	..	x	x
2007	40.96		6.26	x			
Compound Annual Growth Rate							
1997-2007	1.58	..	-15.92	#VALUE!	..	x	x
2000-2007	1.04	..	-27.44	#VALUE!	..	x	x

Source:

Tables 808 and 818

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Table 829: Labour Productivity, Alberta, Forest Products Sector, chained 2002 dollars per hour worked, 1997-2007

	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	44.00	..	26.37	38.28	..	x	x
1998	44.95	..	25.42	40.84	..	x	x
1999	45.17	42.81	34.95	38.06	64.51	70.09	49.21
2000	46.55	51.41	48.10	47.41	65.61	74.32	41.67
2001	45.57	52.95	48.75	49.69	67.20	76.60	43.22
2002	46.18	55.42	59.87	49.77	71.63	84.29	45.08
2003	46.37	59.03	56.67	53.67	80.59	103.64	40.24
2004	47.33	68.45	61.60	65.45	86.42	105.60	47.31
2005	49.16	72.56	63.28	70.34	88.72	108.96	48.45
2006	50.11	62.54	54.83	60.67	75.03	x	x
2007	49.07	62.12	55.56	60.71	72.58	x	x

Compound Annual Growth Rate

1997-2007	1.10	..	7.74	4.72	..	..	..
2000-2007	0.76	2.74	2.08	3.60	1.45	..	..

Source:

Tables 809 and 819

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Table 830: Labour Productivity, British Columbia, Forest Products Sector, chained 2002 dollars per hour worked, 1997-2007

	All industries	Forest Products Sector	Forestry and logging [113]	Wood product manufacturing [321]	Paper Manufacturing [322]	Pulp, paper and paperboard mills [3221]	Converted paper product manufacturing [3222]
1997	34.61	40.18	48.27	37.45	34.32	33.18	47.61
1998	35.42	46.19	58.33	44.24	33.21	31.62	52.69
1999	35.85	45.38	48.47	45.48	40.84	40.63	43.26
2000	36.56	49.36	49.49	52.94	41.85	41.55	45.35
2001	37.78	46.82	52.93	46.63	38.59	38.32	41.65
2002	38.06	53.45	53.83	55.57	47.81	47.46	51.43
2003	38.17	52.28	51.56	56.88	43.59	44.18	38.26
2004	37.84	56.32	55.31	63.82	42.52	43.49	34.23
2005	38.49	56.87	58.48	64.07	40.08	40.48	36.33
2006	38.83	59.20	64.45	66.20	37.99	38.26	35.40
2007	38.61	55.15	62.58	59.39	37.06	37.41	33.59
Compound Annual Growth Rate							
1997-2007	1.10	3.22	2.63	4.72	0.77	1.21	-3.43
2000-2007	0.78	1.60	3.41	1.66	-1.72	-1.49	-4.20

Source:

Tables 810 and 820

Note:

"x" means that data were not released by Statistics Canada for reasons of confidentiality.

Table 831: Capital Stock and Capital Productivity, Newfoundland and Labrador, Forest Products Sector, 1984-2007

	Millions of Constant 2002 Dollars				Real GDP per \$1000 of Capital Stock			
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]
1984	18,443	..	..	..	532	..	..	..
1985	18,770	..	..	..	524	..	..	..
1986	19,053	..	..	..	526	..	..	..
1987	18,989	..	..	..	538	..	..	..
1988	18,982	..	..	..	574	..	..	..
1989	18,954	..	..	..	581	..	..	..
1990	18,807	..	..	..	584	..	..	..
1991	18,789	..	..	..	566	..	..	..
1992	18,823	..	..	..	552	..	..	..
1993	19,191	..	..	..	546	..	..	..
1994	19,866	..	..	..	547	..	..	..
1995	20,509	..	..	..	536	..	..	..
1996	20,354	..	..	..	523	..	..	..
1997	20,484	..	..	..	530	..	..	..
1998	20,509	..	..	..	557	..	..	..
1999	21,339	..	..	..	570	..	..	..
2000	21,612	..	..	..	596	..	..	..
2001	21,690	..	..	..	597	..	..	..
2002	21,683	..	..	..	691	..	..	..
2003	21,788	..	..	..	731	..	..	..
2004	22,146	..	..	..	708	..	..	..
2005	22,705	..	..	..	694	..	..	..
2006	23,102	..	..	..	703	..	..	..
2007	23,070	..	..	..	770	..	..	..
Compound Annual Growth Rate								
1984-2007	0.98	..	..	..	1.62	..	..	..
1984-1989	0.55	..	..	..	1.77	..	..	..
1989-2000	1.20	..	..	..	0.24	..	..	..
2000-2007	0.94	..	..	..	3.72	..	..	..

Source:

Capital stock from unpublished Statistics Canada data.

Real GDP from Table 801.

Note:

Capital stock includes all components: structures and machinery and equipment

Geometric (infinite) net stock at year end.

".." means that data is unavailable

Table 832: Capital Stock and Capital Productivity, Prince Edward Island, Forest Products Sector, 1984-2007

	Millions of Constant 2002 Dollars				Real GDP per \$1000 of Capital Stock			
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]
1984	2,314	..	..	..	913	..	..	..
1985	2,340	..	..	..	917	..	..	..
1986	2,370	..	..	..	942	..	..	..
1987	2,416	..	..	..	951	..	..	..
1988	2,511	..	..	..	982	..	..	..
1989	2,602	..	..	..	954	..	..	..
1990	2,656	..	..	..	929	..	..	..
1991	2,795	..	..	..	879	..	..	..
1992	2,844	..	..	..	875	..	..	..
1993	2,876	..	..	..	873	..	..	..
1994	3,001	..	..	..	875	..	..	..
1995	3,153	..	..	..	886	..	..	..
1996	3,315	..	..	..	868	..	..	..
1997	3,323	..	..	..	864	..	..	..
1998	3,338	..	..	..	905	..	..	..
1999	3,391	..	..	..	925	..	..	..
2000	3,425	..	..	..	934	..	..	..
2001	3,465	..	..	..	921	..	..	..
2002	3,514	..	..	..	950	..	..	..
2003	3,568	..	..	..	956	..	..	..
2004	3,607	..	..	..	974	..	..	..
2005	3,665	..	..	..	972	..	..	..
2006	3,760	..	..	..	970	..	..	..
2007	3,889	..	..	..	959	..	..	..

Compound Annual Growth Rate

1984-2007	2.28	..	..	..	0.21	..	..	..
1984-1989	2.37	..	..	..	0.87	..	..	..
1989-2000	2.53	..	..	..	-0.19	..	..	..
2000-2007	1.83	..	..	..	0.38	..	..	..

Source:

Capital stock from unpublished Statistics Canada data.

Real GDP from Table 802.

Note:

Capital stock includes all components: structures and machinery and equipment

Geometric (infinite) net stock at year end.

".." means that data is unavailable

Table 833: Capital Stock and Capital Productivity, Nova Scotia, Forest Products Sector, 1984-2007

	Millions of Constant 2002 Dollars				Real GDP per \$1000 of Capital Stock			
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]
1984	23,388	33	..	..	695	2,276	..	..
1985	23,653	32	..	..	716	2,893	..	..
1986	23,774	32	..	..	735	2,277	..	..
1987	23,690	31	..	..	752	2,838	..	..
1988	24,111	31	..	..	759	3,481	..	..
1989	24,785	31	..	..	748	3,258	..	..
1990	25,158	29	..	..	746	3,097	..	..
1991	25,364	26	..	..	738	3,156	..	..
1992	25,039	23	..	..	751	3,604	..	..
1993	24,699	28	..	..	764	2,443	..	..
1994	24,426	24	..	..	781	2,940	..	..
1995	24,034	28	..	..	810	3,254	..	..
1996	23,632	36	..	..	825	1,798	..	..
1997	24,113	40	..	..	831	1,642	..	..
1998	24,752	63	..	..	839	714	..	..
1999	26,067	53	..	..	843	2,082	..	..
2000	26,426	45	..	..	860	2,666	..	..
2001	26,834	37	..	..	877	3,711	..	..
2002	27,437	33	..	..	893	4,489	..	..
2003	27,800	38	..	..	898	3,611	..	..
2004	27,928	40	..	..	907	3,182	..	..
2005	28,259	41	..	..	910	2,898	..	..
2006	28,756	41	..	..	903	2,039	..	..
2007	29,255	41	..	..	903	2,381	..	..

Compound Annual Growth Rate

1984-2007	0.98	0.93	..	..	1.15	0.20	..	..
1984-1989	1.17	-1.40	..	..	1.49	7.44	..	..
1989-2000	0.58	3.34	..	..	1.28	-1.80	..	..
2000-2007	1.46	-1.10	..	..	0.70	-1.60	..	..

Source:

Capital stock from unpublished Statistics Canada data.

Real GDP from Table 803.

Note:

Capital stock includes all components: structures and machinery and equipment

Geometric (infinite) net stock at year end.

".." means that data is unavailable

Table 834: Capital Stock and Capital Productivity, New Brunswick, Forest Products Sector, 1984-2007

	Millions of Constant 2002 Dollars				Real GDP per \$1000 of Capital Stock			
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]
1984	20,642	93	..	..	589	5,007	..	..
1985	20,640	90	..	..	615	4,193	..	..
1986	20,456	86	..	..	651	4,091	..	..
1987	20,376	85	..	..	685	4,649	..	..
1988	20,628	84	..	..	692	5,648	..	..
1989	21,241	80	..	..	684	6,312	..	..
1990	21,618	75	..	..	671	5,662	..	..
1991	21,919	67	..	..	660	4,691	..	..
1992	22,000	61	..	..	659	4,451	..	..
1993	21,786	57	..	..	672	3,958	..	..
1994	21,563	63	..	..	696	4,923	..	..
1995	21,677	73	..	..	715	4,336	..	..
1996	21,878	90	..	..	723	3,346	..	..
1997	21,754	100	..	..	733	2,423	..	..
1998	21,955	116	..	..	755	2,057	..	..
1999	22,906	118	..	..	769	2,274	..	..
2000	23,584	123	..	..	766	2,102	..	..
2001	23,387	114	..	..	786	2,634	..	..
2002	23,123	114	..	..	827	2,943	..	..
2003	23,193	128	..	..	846	2,332	..	..
2004	23,506	136	..	..	847	2,465	..	..
2005	24,014	130	..	..	831	2,334	..	..
2006	24,576	122	..	..	837	2,944	..	..
2007	25,610	110	..	..	815	2,995	..	..

Compound Annual Growth Rate

1984-2007	0.94	0.70	..	..	1.42	-2.21	..	..
1984-1989	0.57	-2.97	..	..	3.01	4.74	..	..
1989-2000	0.96	3.91	..	..	1.04	-9.51	..	..
2000-2007	1.18	-1.58	..	..	0.88	5.18	..	..

Source:

Capital stock from unpublished Statistics Canada data.

Real GDP from Table 804.

Note:

Capital stock includes all components: structures and machinery and equipment

Geometric (infinite) net stock at year end.

".." means that data is unavailable

Table 835: Capital Stock and Capital Productivity, Quebec, Forest Products Sector, 1984-2007

	Millions of Constant 2002 Dollars				Real GDP per \$1000 of Capital Stock			
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]
1984	178,735	586	1,079	4,663	810	1,349	1,434	739
1985	181,229	555	1,100	4,970	831	1,477	1,457	671
1986	183,287	528	1,118	5,641	846	1,499	1,444	599
1987	186,879	502	1,157	6,369	868	1,935	1,491	520
1988	192,045	489	1,291	6,780	881	2,044	1,495	495
1989	198,741	484	1,374	7,657	865	2,095	1,264	414
1990	204,536	471	1,366	8,065	844	1,832	1,199	427
1991	208,322	446	1,351	7,957	808	1,626	1,161	429
1992	209,756	426	1,289	7,358	808	1,626	1,234	..
1993	210,515	423	1,244	6,742	824	1,551	1,375	..
1994	211,702	493	1,387	6,623	848	1,282	..	..
1995	211,876	471	1,584	6,794	856	1,502	1,177	..
1996	211,812	464	1,742	6,866	859	1,513	1,223	..
1997	212,702	464	2,019	6,732	882	1,530	1,214	596
1998	214,530	442	2,048	6,595	903	1,848	1,288	633
1999	217,612	475	2,168	6,344	948	1,910	1,263	686
2000	220,005	539	2,364	6,255	980	2,140	1,252	688
2001	220,309	541	2,190	5,841	991	2,197	1,460	723
2002	220,486	578	2,007	5,470	1,015	2,093	1,740	806
2003	222,197	528	1,901	5,664	1,021	2,133	1,781	749
2004	226,603	485	1,923	5,081	1,027	2,681	1,598	807
2005	230,082	466	1,918	4,592	1,033	2,647	1,509	878
2006	234,371	438	1,956	4,132	1,033	2,476	1,372	947
2007	241,220	422	2,204	3,808	1,030	2,086	1,143	965

Compound Annual Growth Rate

1984-2007	1.31	-1.42	3.16	-0.88	1.05	1.91	-0.98	1.17
1984-1989	2.14	-3.76	4.96	10.43	1.30	9.21	-2.50	-10.92
1989-2000	0.93	0.99	5.06	-1.82	1.15	0.19	-0.09	4.71
2000-2007	1.32	-3.46	-0.99	-6.84	0.72	-0.36	-1.29	4.96

Source:

Capital stock from unpublished Statistics Canada data.

Real GDP from Table 805.

Note:

Capital stock includes all components: structures and machinery and equipment

Geometric (infinite) net stock at year end.

Table 836: Capital Stock and Capital Productivity, Ontario, Forest Products Sector, 1984-2007

	Millions of Constant 2002 Dollars				Real GDP per \$1000 of Capital Stock			
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]
1984	264,992	386	897	4,361	942	2,889	1,137	849
1985	270,701	385	859	4,589	972	2,763	1,376	766
1986	279,850	384	832	4,420	982	2,855	..	818
1987	290,425	375	906	4,344	996	2,822	1,299	862
1988	304,920	367	1,056	4,567	999	2,846	..	827
1989	318,820	355	1,123	5,260	985	2,670	..	758
1990	328,793	349	1,084	5,492	943	2,280	..	706
1991	336,861	312	1,011	5,309	898	2,132	889	..
1992	339,538	312	928	5,065	897	2,203	..	701
1993	338,495	317	870	4,843	910	1,953	..	728
1994	339,614	308	901	4,655	949	2,178	..	..
1995	341,479	348	1,060	5,313	981	1,997	..	..
1996	344,281	354	1,062	5,515	984	1,610	..	..
1997	350,513	349	1,152	5,231	1,009	1,978	1,401	703
1998	355,831	346	1,143	4,937	1,041	1,992	1,544	716
1999	363,236	325	1,126	4,679	1,098	2,269	1,559	736
2000	368,565	304	1,132	4,609	1,148	2,999	1,849	836
2001	371,719	288	1,063	4,342	1,155	2,916	1,978	887
2002	373,236	291	1,010	4,006	1,179	2,962	2,279	1,003
2003	377,430	292	956	3,794	1,185	2,784	2,461	1,082
2004	382,829	279	975	3,527	1,203	2,882	2,387	1,150
2005	390,929	270	1,008	3,275	1,209	3,139	2,383	1,196
2006	402,536	263	1,005	3,052	1,201	2,861	2,297	1,097
2007	417,421	252	1,002	2,899	1,184	2,553	2,038	1,125

Compound Annual Growth Rate

1984-2007	2.00	-1.84	0.48	-1.76	1.00	-0.54	2.57	1.23
1984-1989	3.77	-1.68	4.60	3.82	0.90	-1.56	..	-2.25
1989-2000	1.33	-1.41	0.08	-1.19	1.40	1.06	..	0.89
2000-2007	1.79	-2.63	-1.74	-6.41	0.43	-2.27	1.40	4.34

Source:

Capital stock from unpublished Statistics Canada data.

Real GDP from Table 806.

Note:

Capital stock includes all components: structures and machinery and equipment

Geometric (infinite) net stock at year end.

Table 837: Capital Stock and Capital Productivity, Manitoba, Forest Products Sector, 1984-2007

	Millions of Constant 2002 Dollars				Real GDP per \$1000 of Capital Stock			
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]
1984	31,720	25	..	..	760	3,115	..	..
1985	32,035	24	..	..	809	3,103	..	..
1986	32,582	23	..	..	803	2,747	..	..
1987	32,786	24	..	..	810	3,739	..	..
1988	33,222	27	..	..	799	3,124	..	..
1989	33,696	28	..	..	795	2,170	..	..
1990	34,184	30	..	..	802	2,299	..	..
1991	34,413	28	..	..	759	1,755	..	..
1992	34,540	30	..	..	768	1,848	..	..
1993	34,566	31	..	..	770	1,689	..	..
1994	34,450	30	..	..	793	1,601	..	..
1995	34,536	29	..	..	799	2,109	..	..
1996	34,687	32	..	..	822	1,972	..	..
1997	35,495	35	..	..	836	1,361	..	..
1998	36,036	41	..	..	859	595	..	..
1999	36,744	43	..	..	854	1,229	..	..
2000	37,070	42	..	..	885	1,400	..	..
2001	37,334	38	..	..	885	1,605	..	..
2002	37,488	35	..	..	897	1,899	..	..
2003	37,840	34	..	..	899	1,856	..	..
2004	38,339	35	..	..	911	1,768	..	..
2005	38,657	32	..	..	928	1,868	..	..
2006	39,587	30	..	..	937	1,691	..	..
2007	41,038	29	..	..	936	1,823	..	..

Compound Annual Growth Rate

1984-2007	1.13	0.73	..	..	0.91	-2.30	..	..
1984-1989	1.22	2.54	..	..	0.89	-6.98	..	..
1989-2000	0.87	3.82	..	..	0.98	-3.91	..	..
2000-2007	1.46	-5.15	..	..	0.81	3.85	..	..

Source:

Capital stock from unpublished Statistics Canada data.

Real GDP from Table 807.

Note:

Capital stock includes all components: structures and machinery and equipment

Geometric (infinite) net stock at year end.

".." means that data is unavailable

Table 838: Capital Stock and Capital Productivity, Saskatchewan, Forest Products Sector, 1984-2007

	Millions of Constant 2002 Dollars				Real GDP per \$1000 of Capital Stock			
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]
1984	37,654	45	..	..	624	1,543	..	..
1985	38,232	40	..	..	638	1,815	..	..
1986	38,321	37	..	..	681	2,360	..	..
1987	38,767	35	..	..	661	2,677	..	..
1988	39,443	32	..	..	613	2,348	..	..
1989	39,622	29	..	..	634	2,480	..	..
1990	40,224	26	..	..	667	2,331	..	..
1991	41,034	23	..	..	656	1,732	..	..
1992	41,030	22	..	..	628	2,300	..	..
1993	40,891	22	..	..	663	2,249	..	..
1994	41,099	28	..	..	694	2,924	..	..
1995	41,310	39	..	..	691	1,856	..	..
1996	41,943	39	..	..	705	2,282	..	..
1997	44,333	44	..	..	704	1,486	..	..
1998	45,154	42	..	..	718	2,237	..	..
1999	45,851	59	..	..	714	2,169	..	..
2000	46,359	52	..	..	723	1,868	..	..
2001	46,633	47	..	..	708	2,154	..	..
2002	46,406	44	..	..	705	2,629	..	..
2003	46,677	46	..	..	733	2,250	..	..
2004	46,853	49	..	..	758	819	..	..
2005	47,972	51	..	..	765	646	..	..
2006	49,477	51	..	..	739	241	..	..
2007	50,596	51	..	..	741	171	..	..

Compound Annual Growth Rate

1984-2007	1.29	0.62	..	..	0.75	-9.11	..	..
1984-1989	1.02	-8.35	..	..	0.32	9.96	..	..
1989-2000	1.44	5.50	..	..	1.20	-2.54	..	..
2000-2007	1.26	-0.15	..	..	0.36	-28.91	..	..

Source:

Capital stock from unpublished Statistics Canada data.

Real GDP from Table 808.

Note:

Capital stock includes all components: structures and machinery and equipment

Geometric (infinite) net stock at year end.

".." means that data is unavailable

Table 839: Capital Stock and Capital Productivity, Alberta, Forest Products Sector, 1984-2007

	Millions of Constant 2002 Dollars				Real GDP per \$1000 of Capital Stock			
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]
1984	136,042	64	441	301	587	1,108	..	..
1985	138,314	60	419	307	616	1,200	776	..
1986	138,501	58	488	300	600	1,467	729	..
1987	138,985	59	532	382	602	1,722	751	..
1988	142,050	56	723	850	626	1,863	632	..
1989	143,289	57	941	1,600	625	1,964	501	..
1990	145,102	55	1,049	1,883	635	2,065	484	..
1991	145,668	54	1,043	1,922	641	2,651	427	..
1992	145,150	66	1,151	2,292	651	1,996	406	..
1993	146,434	89	1,271	2,419	686	1,427	470	..
1994	149,558	88	1,352	2,261	721	1,902	435	..
1995	152,409	119	1,708	2,099	725	1,815	384	..
1996	154,583	139	1,609	1,911	732	1,483	459	..
1997	161,827	156	1,502	1,722	756	1,315	544	..
1998	170,207	155	1,445	1,590	752	1,210	627	..
1999	175,999	172	1,295	1,440	743	1,286	746	352
2000	185,663	168	1,453	1,340	750	1,780	754	391
2001	196,420	165	1,393	1,359	722	1,856	791	343
2002	203,378	161	1,270	1,271	709	2,121	949	388
2003	212,684	174	1,196	1,165	700	1,984	1,009	433
2004	224,532	191	1,197	1,089	701	1,961	1,170	467
2005	243,083	204	1,249	1,068	682	1,737	1,174	506
2006	261,604	224	1,371	1,115	676	1,436	1,035	479
2007	278,071	229	1,506	1,154	656	1,322	960	417

Compound Annual Growth Rate

1984-2007	3.16	5.67	5.48	6.02	0.48	0.77	..	..
1984-1989	1.04	-2.26	16.36	39.68	1.25	12.12	..	..
1989-2000	2.38	10.27	4.03	-1.60	1.67	-0.89	3.80	..
2000-2007	5.94	4.48	0.51	-2.11	-1.90	-4.15	3.51	0.94

Source:

Capital stock from unpublished Statistics Canada data.

Real GDP from Table 809.

Note:

Capital stock includes all components: structures and machinery and equipment

Geometric (infinite) net stock at year end.

Table 840: Capital Stock and Capital Productivity, British Columbia, Forest Products Sector, 1984-2007

	Millions of Constant 2002 Dollars				Real GDP per \$1000 of Capital Stock			
	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]	All industries	Forestry and logging [113]	Wood product manufacturing [321]	Paper manufacturing [322]
1984	103,165	2,069	2,460	4,412	696	1,486	1,237	..
1985	104,153	2,008	2,328	4,228	723	1,487	1,555	..
1986	103,568	1,980	2,309	3,957	738	1,401	1,525	419
1987	103,881	1,991	2,551	4,115	775	1,810	1,744	425
1988	105,848	1,993	2,898	4,742	797	1,694	1,492	389
1989	109,375	1,992	2,931	6,039	802	1,620	1,462	292
1990	112,452	1,945	2,945	7,139	796	1,435	1,391	..
1991	115,435	1,798	2,716	7,644	787	1,360	1,290	..
1992	116,384	1,754	2,515	7,422	805	1,479	1,508	..
1993	116,885	1,819	2,456	7,004	841	1,736	1,541	..
1994	119,517	1,883	2,683	6,580	862	1,681	1,279	..
1995	121,203	1,818	2,881	6,323	873	1,711	1,205	..
1996	121,742	1,733	2,884	5,957	888	1,628	1,090	..
1997	123,997	1,633	2,791	5,517	900	1,797	1,227	258
1998	124,481	1,601	2,586	4,895	907	1,844	1,304	243
1999	125,618	1,566	2,385	4,407	926	1,781	1,590	379
2000	126,754	1,531	2,244	4,068	959	1,723	1,864	398
2001	128,269	1,450	2,093	3,701	958	1,825	1,640	368
2002	128,707	1,401	1,964	3,302	985	1,936	2,026	440
2003	129,945	1,386	1,978	3,016	1,001	1,991	2,060	485
2004	132,484	1,385	2,104	2,830	1,022	2,239	2,254	545
2005	136,578	1,373	2,399	2,677	1,034	2,325	2,050	572
2006	141,746	1,349	2,499	2,592	1,032	2,426	1,961	542
2007	146,738	1,335	2,450	2,498	1,025	2,261	1,807	553

Compound Annual Growth Rate

1984-2007	1.54	-1.89	-0.02	-2.44	1.70	1.84	1.66	..
1984-1989	1.18	-0.76	3.57	6.48	2.89	1.74	3.40	..
1989-2000	1.35	-2.36	-2.40	-3.53	1.64	0.56	2.23	2.87
2000-2007	2.11	-1.94	1.26	-6.73	0.96	3.96	-0.44	4.81

Source:

Capital stock from unpublished Statistics Canada data.

Real GDP from Table 810.

Note:

1. "x" means that data were not released by Statistics Canada for reasons of confidentiality.
2. Capital stock includes all components: structures and machinery and equipment
3. Geometric (infinite) net stock at year end.

Table 901: Nominal GDP, Forest Products Sector, United States, Billions of current dollars, 1977-2007

	Total Economy	Forest Products Sector			
		Total, Forest Products Sector	Forestry, fishing, and related activities*	Wood products	Paper products
1977	2,031	35.7	7.8	10.9	17.0
1978	2,295	40.9	9.1	13.3	18.5
1979	2,563	45.9	10.5	14.6	20.8
1980	2,790	44.5	10.7	12.1	21.7
1981	3,128	45.3	10.5	11.1	23.7
1982	3,255	45.6	10.8	9.9	24.9
1983	3,537	52.2	12.1	13.7	26.4
1984	3,933	57.7	13.0	15.2	29.5
1985	4,220	59.8	13.7	15.6	30.5
1986	4,463	65.5	14.8	18.1	32.6
1987	4,740	73.9	18.2	20.2	35.5
1988	5,104	79.9	18.9	20.3	40.7
1989	5,484	83.1	19.2	21.1	42.8
1990	5,803	82.2	20.1	19.9	42.2
1991	5,996	79.9	19.3	18.9	41.7
1992	6,338	83.2	20.8	20.0	42.4
1993	6,657	88.9	22.5	22.5	43.9
1994	7,072	96.7	23.9	25.6	47.2
1995	7,398	108.3	24.5	26.8	57.0
1996	7,817	103.1	23.1	26.4	53.6
1997	8,304	102.0	22.6	27.9	51.5
1998	8,747	105.1	23.5	29.4	52.2
1999	9,268	111.1	25.0	31.9	54.2
2000	9,817	113.5	26.5	31.4	55.6
2001	10,128	105.0	24.8	31.3	48.9
2002	10,470	105.3	24.6	30.4	50.3
2003	10,961	108.5	26.1	32.1	50.3
2004	11,686	115.7	27.5	37.5	50.7
2005	12,434	117.5	27.9	37.1	52.5
2006	13,195	119.6	29.7	37.4	52.5
2007	13,841	..	..	..	..

Source: US Bureau of Economic Analysis, Gross-Domestic-Product-by-Industry Accounts, Value Added by Industry, Release date: April 29, 2008

Note:

*BEA does not publish a separate series for forestry and logging.

Table 901a: Real GDP, Forest Products Sector, United States, Billions of chained (2000) dollars, 1987-2007

	Total Economy	Forest Products Sector			
		Total, Forest Products Sector ¹	Forestry, fishing, and related activities ²	Wood Product Manufacturing	Paper Manufacturing
1987	6,475	..	29.2	34.1	55.8
1988	6,743	..	27.0	34.8	56.4
1989	6,981	..	26.7	34.7	54.7
1990	7,113	..	26.9	34.2	55.2
1991	7,101	..	26.6	31.6	57.2
1992	7,337	..	25.2	28.7	60.8
1993	7,533	..	21.6	25.8	66.9
1994	7,836	..	22.5	27.5	69.8
1995	8,032	..	23.3	30.4	56.8
1996	8,329	..	22.9	29.8	60.6
1997	8,704	..	21.7	29.3	63.9
1998	9,067	..	22.9	29.9	60.0
1999	9,470	..	24.5	30.4	61.0
2000	9,817	..	26.5	31.4	55.6
2001	9,891	..	26.3	30.9	48.8
2002	10,049	..	26.7	30.3	50.8
2003	10,301	..	28.0	30.4	52.1
2004	10,676	..	28.4	30.7	54.0
2005	11,004	..	28.8	30.9	55.5
2006	11,319	..	29.3	32.8	52.4
2007	11,567	..	...	...	...

Compound Annual Growth Rate

1987-2006	2.98	..	0.02	-0.20	-0.33
1987-2000	3.25	..	-0.74	-0.63	-0.03
2000-2006	2.40	..	1.69	0.73	-0.98

Source: US Bureau of Economic Analysis, Gross-Domestic-Product-by-Industry Accounts, Real Value Added by Industry, Release date: April 29, 2008

Note:

1. Because the series are in chained dollars they are not additive, therefore an aggregate real GDP estimate for the forest products sector cannot be obtained.
2. BEA does not publish a separate series for forestry and logging.

Table 901: Nominal GDP, Forest Products Sector, United States, Billions of current dollars, 1977-2007

	Total Economy	Forest Products Sector			
		Total, Forest Products Sector	Forestry, fishing, and related activities*	Wood Product Manufacturing	Paper Manufacturing
1977	100.0	1.8	0.4	0.5	0.8
1978	100.0	1.8	0.4	0.6	0.8
1979	100.0	1.8	0.4	0.6	0.8
1980	100.0	1.6	0.4	0.4	0.8
1981	100.0	1.4	0.3	0.4	0.8
1982	100.0	1.4	0.3	0.3	0.8
1983	100.0	1.5	0.3	0.4	0.7
1984	100.0	1.5	0.3	0.4	0.8
1985	100.0	1.4	0.3	0.4	0.7
1986	100.0	1.5	0.3	0.4	0.7
1987	100.0	1.6	0.4	0.4	0.7
1988	100.0	1.6	0.4	0.4	0.8
1989	100.0	1.5	0.4	0.4	0.8
1990	100.0	1.4	0.3	0.3	0.7
1991	100.0	1.3	0.3	0.3	0.7
1992	100.0	1.3	0.3	0.3	0.7
1993	100.0	1.3	0.3	0.3	0.7
1994	100.0	1.4	0.3	0.4	0.7
1995	100.0	1.5	0.3	0.4	0.8
1996	100.0	1.3	0.3	0.3	0.7
1997	100.0	1.2	0.3	0.3	0.6
1998	100.0	1.2	0.3	0.3	0.6
1999	100.0	1.2	0.3	0.3	0.6
2000	100.0	1.2	0.3	0.3	0.6
2001	100.0	1.0	0.2	0.3	0.5
2002	100.0	1.0	0.2	0.3	0.5
2003	100.0	1.0	0.2	0.3	0.5
2004	100.0	1.0	0.2	0.3	0.4
2005	100.0	0.9	0.2	0.3	0.4
2006	100.0	0.9	0.2	0.3	0.4
2007	100.0	..	..	..	..

Source: Calculated from the US Bureau of Economic Analysis, Gross-Domestic-Product-by-Industry Accounts, Value Added by Industry, Release date: April 29, 2008

Note:

*BEA does not publish a separate series for forestry and logging.

Table 905: Labour Productivity in the Wood Products Subsector, United States, Index 1987 = 100, 1987-2006

Business Sector	Wood product manufacturing [321]											
	Total, Wood product manufacturing [321]	Sawmills and wood preservation [3211]	Veneer, plywood and engineered wood product manufacturing [3212]				Other wood product manufacturing [3219]					
			Total, Veneer, plywood and engineered wood product manufacturing [3212]	Reconstituted Wood Product Manufacturing [321219]	Veneer and Plywood Manufacturing [32121N]	Engineered Wood Product Manufacturing [32121P]	Total, Other wood product manufacturing [3219]	Millwork [32191]	Wood Container and Pallet Manufacturing [32192]	All Other Wood Product Manufacturing [32199]	Manufactured Home (Mobile Home) Manufacturing [321991]	
1987	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1988	101.5	99.5	101.2	101.1	101.2	100.2	102.8	97.6	99.1	102.4	95.3	100.4
1989	102.5	100.4	99.8	102.1	100.3	101.4	103.9	99.7	98.7	111.1	99.8	98.8
1990	104.7	102.6	102.4	103.1	93.0	103.3	107.7	102.2	99.0	116.5	105.7	104.0
1991	106.4	103.3	104.8	107.4	99.6	105.3	110.5	100.7	97.1	117.6	104.8	104.9
1992	110.9	106.1	110.6	114.6	116.7	105.4	126.0	100.1	97.2	113.3	103.1	104.0
1993	111.4	102.7	106.1	109.0	116.5	101.1	113.3	99.2	95.8	105.0	105.2	105.2
1994	112.5	100.9	109.0	105.6	114.7	94.7	120.8	95.3	92.6	104.9	99.4	98.8
1995	112.6	102.7	116.5	101.7	106.6	91.5	121.5	96.9	92.1	111.8	102.3	100.9
1996	115.9	104.4	123.7	101.3	106.6	90.2	123.7	97.5	92.7	112.4	102.9	101.9
1997	118.1	105.2	128.9	100.3	115.1	86.8	118.6	97.1	89.3	111.5	106.4	109.8
1998	121.5	106.5	129.3	105.4	126.6	90.3	125.1	98.1	90.0	112.2	107.0	107.3
1999	125.2	108.3	134.9	99.0	123.5	82.5	117.5	101.5	94.7	110.9	111.2	108.8
2000	128.8	108.1	135.9	99.1	118.6	86.6	114.9	100.0	96.4	111.9	106.6	103.3
2001	132.1	111.7	140.3	105.5	119.9	93.7	123.9	101.7	99.2	110.0	109.2	109.8
2002	137.5	119.5	147.5	110.6	129.5	95.7	130.7	110.6	105.3	132.3	117.8	108.3
2003	142.8	120.7	156.4	107.3	116.1	100.7	127.3	110.7	107.7	126.4	116.5	108.3
2004	146.9	121.6	152.4	103.2	114.7	100.0	120.1	116.1	113.1	138.8	118.7	104.1
2005	149.6	129.5	164.1	110.5	132.5	112.2	119.8	122.6	119.5	151.6	122.5	100.8
2006	151.0	131.4	167.2	117.7	149.7	116.7	126.3	121.7	126.4	157.2	109.1	85.5
Compound Annual Growth Rate												
1987-2006	2.19	1.45	2.74	0.86	2.15	0.82	1.24	1.04	1.24	2.41	0.46	-0.82
1987-2000	1.97	0.60	2.39	-0.07	1.32	-1.10	1.07	0.00	-0.28	0.87	0.49	0.25
1989-2000	2.10	0.68	2.84	-0.28	1.53	-1.42	0.91	0.02	-0.22	0.07	0.60	0.40
2000-2006	2.68	3.30	3.51	2.92	3.96	5.09	1.60	3.32	4.61	5.82	0.39	-3.09
Total Growth												
1987-2006	151.0	131.4	167.2	117.7	149.7	116.7	126.3	121.7	126.4	157.2	109.1	85.5
1987-2000	128.8	108.1	135.9	99.1	118.6	86.6	114.9	100.0	96.4	111.9	106.6	103.3
2000-2006	117.2	121.5	123.0	118.8	126.2	134.7	110.0	121.7	131.1	140.4	102.3	82.8

Source: Calculated from US Bureau of Labour Statistics, Industry Productivity and Costs Database

Note: Output per hour

Table 905a: Labour Productivity in the Paper Manufacturing Subsector, United States, Index 1987 = 100, 1987-2006

Business Sector	Paper manufacturing [322]										
	Total, Paper manufacturing [322]	Pulp, paper and paperboard		Converted paper product manufacturing [3222]							
		Total, Pulp, paper and paperboard mills [3221]	Paperboard mills [32213]	Total, Converted paper product manufacturing [3222]	Paperboard container manufacturing [32221]	Paper bag and coated and treated paper manufacturing [32222]	Coated and Laminated Paper and Packaging Manufacturing [32222N]	Coated, Uncoated, and Multiwall Bag and Packaging Manufacturing [32222P]	Stationery Product Manufacturing [32223]	Other Converted Paper Product Manufacturing [32229]	
1987	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1988	101.5	102.3	104.3	106.3	100.9	99.1	104.5	107.8	99.5	100.2	102.0
1989	102.5	101.9	103.9	101.7	101.1	101.0	97.0	101.9	89.7	97.2	108.9
1990	104.7	101.6	102.9	100.4	101.3	100.6	94.4	99.0	87.2	101.6	112.4
1991	106.4	103.5	102.4	100.8	105.3	103.6	98.4	103.9	90.0	110.2	117.0
1992	110.9	105.7	107.5	105.4	105.6	105.9	99.1	104.9	90.1	114.1	108.1
1993	111.4	108.2	109.4	110.0	108.4	107.8	101.7	109.5	89.6	114.5	115.4
1994	112.5	111.5	115.2	114.0	109.6	107.8	104.8	114.8	89.0	113.2	119.2
1995	112.6	114.1	120.5	116.1	109.2	104.0	104.5	115.7	86.7	111.0	132.6
1996	115.9	112.6	116.8	115.9	109.8	104.0	107.8	118.6	90.8	111.7	131.8
1997	118.1	116.6	122.4	124.8	112.4	108.4	112.4	126.3	90.2	128.4	115.5
1998	121.5	119.3	125.4	125.2	115.2	112.3	111.0	122.8	91.9	128.6	122.0
1999	125.2	121.4	136.0	133.0	112.5	109.1	110.7	127.2	84.1	128.5	117.1
2000	128.8	123.9	142.3	135.3	113.7	110.6	110.3	127.7	82.3	137.2	114.6
2001	132.1	124.6	146.8	140.5	113.0	110.6	109.5	122.8	86.2	142.2	109.2
2002	137.5	133.1	162.9	151.3	118.7	109.9	115.0	131.7	86.3	151.2	138.5
2003	142.8	138.7	173.1	139.3	123.1	113.1	122.7	137.2	96.5	160.0	140.0
2004	146.9	143.9	181.1	142.9	126.9	119.4	122.8	135.8	98.4	153.4	145.0
2005	149.6	145.2	180.8	140.8	129.1	118.4	128.4	137.6	110.2	153.3	156.5
2006	151.0	148.4	185.0	145.4	131.1	120.9	125.8	134.3	108.5	166.9	157.4
Compound Annual Growth Rate											
1987-2006	2.19	2.10	3.29	1.99	1.44	1.00	1.21	1.56	0.43	2.73	2.42
1987-2000	1.97	1.66	2.75	2.35	0.99	0.78	0.76	1.90	-1.49	2.46	1.05
1989-2000	2.10	1.79	2.90	2.63	1.07	0.83	1.18	2.08	-0.78	3.18	0.47
2000-2006	2.68	3.05	4.46	1.21	2.41	1.49	2.20	0.84	4.71	3.32	5.43
Total Growth Rate											
1987-2006	151.0	148.4	185.0	145.4	131.1	120.9	125.8	134.3	108.5	166.9	157.4
1987-2000	128.8	123.9	142.3	135.3	113.7	110.6	110.3	127.7	82.3	137.2	114.6
2000-2006	117.2	119.8	129.9	107.5	115.3	109.3	114.0	105.1	131.8	121.6	137.4

Source: Calculated from US Bureau of Labour Statistics, Industry Productivity and Costs Database

Note: Output per hour

Table 905b: Labour Productivity in the Business Sector, United States, Index 1987 = 100, 1987-2007

	Employment	Average Weekly Hours	Hours	Output	Current \$ Output	Compensation	Non-Labor Payments	Output Per Hour	Hourly Compensation	Unit Labor Costs	Unit Nonlabor Payments	Implicit Price Deflator	Real Hourly Compensation	Output Per Person	Labor Share
1987	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1988	103.1	99.7	102.7	104.3	107.6	108.0	106.9	101.5	105.1	103.5	102.5	103.1	101.4	101.2	100.4
1989	105.3	100.2	105.5	108.1	115.6	113.8	118.9	102.5	107.9	105.3	109.9	106.9	99.8	102.7	98.4
1990	106.0	98.9	104.9	109.8	121.6	120.3	123.9	104.7	114.7	109.6	112.9	110.8	101.1	103.6	98.9
1991	104.3	98.1	102.4	108.9	124.5	123.2	126.7	106.4	120.4	113.1	116.4	114.3	102.4	104.4	99.0
1992	103.7	98.5	102.1	113.3	131.9	129.4	136.4	110.9	126.7	114.2	120.4	116.4	105.0	109.2	98.1
1993	105.9	99.0	104.9	116.8	138.9	135.8	144.3	111.4	129.5	116.3	123.5	118.9	104.8	110.3	97.8
1994	109.5	99.6	109.0	122.6	148.3	143.2	157.6	112.5	131.3	116.7	128.5	121.0	104.0	112.0	96.5
1995	112.6	99.6	112.1	126.2	155.3	150.1	164.6	112.6	134.0	119.0	130.4	123.1	103.7	112.1	96.7
1996	115.0	99.0	113.9	132.0	165.0	157.8	177.8	115.9	138.6	119.6	134.7	125.0	104.5	114.7	95.6
1997	118.1	99.6	117.7	139.0	176.3	168.4	190.5	118.1	143.1	121.1	137.0	126.9	105.6	117.7	95.5
1998	120.6	99.5	120.0	145.7	186.0	182.2	192.9	121.5	151.8	125.0	132.4	127.7	110.5	120.9	97.9
1999	122.5	99.9	122.4	153.2	197.4	194.9	201.7	125.2	159.3	127.3	131.7	128.8	113.5	125.0	98.8
2000	124.6	99.2	123.6	159.2	208.9	210.8	205.5	128.8	170.6	132.4	129.1	131.2	117.6	127.8	100.9
2001	123.5	97.9	120.9	159.7	213.7	214.9	211.4	132.1	177.8	134.6	132.4	133.8	119.2	129.3	100.6
2002	120.7	97.7	117.9	162.1	219.1	217.0	222.8	137.5	184.1	133.9	137.4	135.1	121.5	134.3	99.1
2003	120.4	97.2	117.1	167.2	229.2	224.3	238.0	142.8	191.5	134.1	142.4	137.1	123.7	138.8	97.8
2004	122.0	97.2	118.6	174.2	244.9	235.6	261.3	146.9	198.7	135.3	150.1	140.6	124.9	142.7	96.2
2005	124.2	97.0	120.5	180.3	261.4	249.1	283.2	149.6	206.7	138.2	157.1	145.0	125.7	145.1	95.3
2006	126.5	97.2	123.0	185.8	277.5	264.0	301.5	151.0	214.6	142.1	162.3	149.4	126.4	146.8	95.1
2007	127.5	97.0	123.6	189.6	290.0	276.4	314.2	153.4	223.6	145.8	165.7	153.0	128.1	148.7	95.3
Compound Annual Growth Rate															
1987-2006	1.25	-0.15	1.10	3.31	5.52	5.24	5.98	2.19	4.10	1.87	2.58	2.13	1.24	2.04	-0.26
1987-2000	1.71	-0.06	1.64	3.64	5.83	5.90	5.70	1.97	4.19	2.18	1.98	2.11	1.26	1.90	0.07
2000-2006	0.25	-0.33	-0.08	2.60	4.85	3.82	6.59	2.68	3.90	1.18	3.89	2.18	1.21	2.35	-0.98

Source: Calculated by CSLS from US Bureau of Labor Statistics, Major Sector Multifactor Productivity Index

Table 910: Multifactor Productivity in the Wood Products Subsector, United States, 1987-2006

	Value of Production	Capital Payments	Cost of Labor	Cost of Energy	Cost of Materials	Cost of Purchased Services	Materials	Purchased Services	Gross Output, constant 2000 dollars	Capital Services	Labor Hours, Hours worked, all employees and proprietors	Combined Inputs, Combined K, L, E, M, S, cost share weights	Multifactor Productivity, Sectoral output per unit of combined K, L, E, M, S	Output per unit of Capital (Q/K)	Output per unit of Labor (Q/L)	Output per unit of Capital (Q/K)	Multifactor Productivity, Sectoral output per unit of combined K, L, E, M, S	Capital Services	Labor Hours, Hours worked, all employees and proprietors
	Billions of Current Dollars						Index, 2000 = 100.0						Index = 1987 = 100						
1987	49.0	6.7	13.1	1.4	24.8	2.8	80.4	55.8	84.5	87.3	93.8	82.3	102.6	96.8	90.1	100.0	100.0	100.0	100.0
1988	50.4	6.1	14.0	1.5	25.9	3.0	77.5	54.2	84.5	86.2	95.6	81.1	104.2	98.0	88.4	101.3	101.6	98.7	101.9
1989	52.0	6.6	14.1	1.5	26.6	3.1	73.5	58.6	83.1	85.2	94.2	78.8	105.5	97.5	88.2	100.7	102.8	97.7	100.5
1990	51.6	5.8	13.6	1.5	27.6	3.2	72.6	58.5	81.8	85.0	90.8	77.5	105.6	96.2	90.1	99.4	102.9	97.4	96.8
1991	49.0	5.4	13.1	1.5	26.0	3.1	66.7	56.2	76.2	84.1	82.2	71.9	106.0	90.6	92.8	93.6	103.4	96.4	87.6
1992	56.3	5.8	14.0	1.6	31.1	3.9	74.2	65.0	80.0	83.1	85.3	77.4	103.3	96.2	93.8	99.4	100.8	95.3	91.0
1993	65.9	6.9	15.1	1.7	36.4	5.7	77.8	93.4	81.3	83.0	90.6	83.1	97.9	98.0	89.8	101.3	95.4	95.1	96.6
1994	72.9	8.2	16.8	1.8	39.8	6.3	84.0	95.5	86.5	84.4	97.0	88.5	97.7	102.4	89.1	105.8	95.2	96.8	103.5
1995	74.1	9.0	17.2	1.8	39.9	6.2	84.9	91.2	88.6	87.1	96.3	89.0	99.6	101.8	92.0	105.2	97.1	99.8	102.7
1996	76.2	7.6	18.4	1.9	41.9	6.5	90.9	93.3	91.7	90.4	100.3	93.7	97.9	101.4	91.4	104.8	95.4	103.6	107.0
1997	81.4	7.9	20.1	1.8	44.7	7.0	94.3	98.5	94.5	93.2	100.7	96.2	98.2	101.5	93.8	104.8	95.8	106.7	107.4
1998	83.4	7.9	21.4	1.8	45.1	7.3	99.6	101.7	98.4	95.3	104.5	100.5	97.8	103.3	94.1	106.7	95.4	109.2	111.5
1999	89.2	9.4	22.5	1.9	47.9	7.6	104.6	102.8	101.7	97.7	105.4	104.0	97.8	104.2	96.5	107.6	95.4	111.9	112.4
2000	85.5	8.5	22.8	1.9	44.8	7.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	103.3	97.5	114.6	106.6
2001	79.0	9.2	22.0	1.6	39.1	7.1	90.8	92.6	93.8	100.7	92.3	92.1	101.8	93.1	101.6	96.2	99.2	115.3	98.4
2002	80.9	8.4	22.3	1.5	40.8	7.8	94.8	100.5	96.7	100.2	87.3	93.4	103.6	96.5	110.8	99.7	101.0	114.9	93.1
2003	83.3	10.0	22.6	1.5	41.2	7.9	93.5	99.1	96.8	98.7	85.0	91.7	105.5	98.0	113.8	101.3	102.9	113.1	90.7
2004	94.8	13.7	24.4	1.7	46.7	8.3	96.6	99.1	99.2	98.7	87.8	94.0	105.5	100.5	113.0	103.8	102.9	113.1	93.6
2005	102.2	11.7	25.8	2.0	53.3	9.5	108.5	110.5	105.8	99.6	89.0	101.3	104.4	106.2	118.9	109.7	101.8	114.2	94.9
2006	102.1	12.2	26.0	2.0	51.8	10.1	105.3	112.9	106.8	99.4	87.1	99.3	107.5	107.4	122.5	111.0	104.9	113.9	92.9
Compound Annual Growth Rate																			
1987-2006	3.94	3.17	3.66	1.92	3.94	6.91	1.43	3.78	1.24	0.69	-0.39	0.99	0.25	0.55	1.63	0.55	0.25	0.69	-0.39
1987-2000	4.38	1.78	4.33	2.17	4.64	7.84	1.69	4.59	1.31	1.05	0.50	1.51	-0.19	0.25	0.81	0.25	-0.19	1.05	0.50
2000-2006	3.00	6.25	2.22	1.38	2.45	4.92	0.86	2.05	1.10	-0.10	-2.27	-0.12	1.22	1.20	3.44	1.20	1.22	-0.10	-2.27

Source: US Bureau of Labor Statistics, Major Sector Multifactor Productivity Index

Table 910a: Multifactor Productivity in the Paper Manufacturing Subsector, United States, 1987-2006

	Value of Production	Capital Payments	Cost of Labor	Cost of Energy	Cost of Materials	Cost of Purchased Services	Energy	Materials	Purchased Services	Gross Output, constant 2000 dollars	Capital Services	Labor Hours, Hours worked, all employees and proprietors	Combined Inputs, Combined K, L, E, M, S, cost share weights	Multifactor Productivity, Sectoral output per unit of combined K, L, E, M, S	Output per unit of Capital (Q/K)	Output per unit of Labor (Q/L)	Output per unit of Capital (Q/K)	Multifactor Productivity, Sectoral output per unit of combined K, L, E, M, S	Capital Services	Labor Hours, Hours worked, all employees and proprietors
	(Billions of Current Dollars)						(Index, 2000 = 100)						(Index = 1987 = 100)							
1987	95.5	12.4	24.2	6.6	42.6	9.7	84.1	78.5	72.4	84.5	77.0	105.7	83.5	101.2	109.8	79.9	100.0	100.0	100.0	100.0
1988	107.7	16.2	26.2	6.5	47.4	11.5	86.0	78.9	83.3	87.9	78.5	107.6	85.7	102.6	112.0	81.7	102.0	101.4	102.0	101.8
1989	114.8	17.2	27.0	6.8	50.8	12.9	88.0	80.1	93.1	88.6	81.5	109.2	88.2	100.4	108.7	81.1	99.0	99.3	106.0	103.3
1990	115.2	16.5	27.0	7.2	51.1	13.4	93.3	79.6	93.2	88.8	85.3	108.8	88.8	100.0	104.1	81.6	94.9	98.9	110.8	102.9
1991	114.0	15.2	27.8	7.0	50.3	13.7	93.9	79.4	93.7	89.0	88.6	106.6	88.9	100.2	100.5	83.5	91.5	99.0	115.2	100.8
1992	116.7	14.4	28.8	7.3	51.7	14.6	95.2	81.8	97.9	91.3	91.1	107.9	91.2	100.2	100.3	84.6	91.3	99.0	118.3	102.1
1993	118.0	15.3	29.1	7.4	51.9	14.3	97.1	80.7	92.7	93.5	92.5	108.3	90.4	103.5	101.0	86.4	92.0	102.3	120.3	102.4
1994	127.3	17.6	30.2	7.5	56.6	15.4	99.3	85.1	96.3	97.2	93.8	108.9	93.4	104.1	103.7	89.3	94.4	102.9	121.9	103.0
1995	155.2	26.3	32.3	7.6	69.7	19.4	103.2	91.5	116.5	98.2	94.7	108.0	98.9	99.3	103.7	91.0	94.4	98.2	123.1	102.1
1996	142.7	22.4	31.5	7.8	63.5	17.4	97.7	89.0	101.7	96.2	96.7	106.7	95.9	100.3	99.4	90.2	90.6	99.2	125.7	100.9
1997	142.0	19.6	32.5	8.3	64.0	17.7	96.3	91.4	98.3	99.6	98.0	107.5	96.9	102.8	101.6	92.7	92.6	101.6	127.3	101.7
1998	146.9	20.6	32.4	8.0	67.0	18.8	94.2	97.3	101.4	100.8	99.7	105.0	99.7	101.1	101.1	96.0	92.1	99.9	129.5	99.3
1999	148.5	20.9	33.9	8.3	66.5	18.9	99.2	98.4	99.8	101.7	100.2	105.8	100.5	101.2	101.5	96.1	92.5	100.1	130.2	100.1
2000	156.8	21.8	34.8	9.2	71.3	19.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91.1	98.9	130.0	94.6
2001	148.0	14.7	34.9	9.1	68.7	20.6	93.9	98.3	104.4	94.3	98.7	93.7	97.8	96.5	95.5	100.7	87.0	95.4	128.3	88.6
2002	146.2	15.4	35.7	7.4	67.4	20.3	82.4	99.1	101.0	95.0	97.6	87.2	95.2	99.7	97.3	108.9	88.7	98.6	126.8	82.5
2003	143.3	12.1	39.1	7.7	65.0	19.4	76.3	93.2	94.3	92.6	95.6	81.7	89.6	103.3	96.9	113.4	88.3	102.2	124.2	77.2
2004	147.7	17.6	34.2	8.0	68.7	19.2	74.2	92.9	89.1	93.3	92.7	80.0	88.0	106.0	100.6	116.6	91.6	104.8	120.5	75.7
2005	153.9	18.0	35.7	9.1	71.6	19.5	73.2	90.8	86.9	93.2	90.2	78.8	86.1	108.2	103.2	118.2	94.0	107.0	117.3	74.5
2006	162.0	17.3	36.3	9.9	77.6	21.0	75.3	93.1	90.4	93.1	88.0	77.4	87.1	106.9	105.9	120.4	96.4	105.7	114.3	73.2
Compound Annual Growth Rate																				
1987-2006	2.82	1.76	2.15	2.14	3.21	4.16	-0.58	0.90	1.18	0.51	0.71	-1.63	0.22	0.29	-0.19	2.18	-0.19	0.29	0.71	-1.63
1987-2000	3.89	4.44	2.83	2.53	4.05	5.63	1.34	1.88	2.52	1.31	2.04	-0.43	1.40	-0.09	-0.72	1.74	-0.72	-0.09	2.04	-0.43
2000-2006	0.54	-3.83	0.69	1.29	1.41	1.04	-4.61	-1.19	-1.67	-1.18	-2.11	-4.18	-2.27	1.12	0.95	3.14	0.95	1.12	-2.11	-4.18

Source: US Bureau of Labor Statistics, Major Sector Multifactor Productivity Index

Table 910b: Multifactor Productivity in the Private Business Sector, United States, 1987-2007

	Real Value-Added Output, constant 2000 dollars	Labor Input ¹	Capital Services ²	Output per Hour	Output per unit Capital Services	Capital Hours Ratio	Combined Input Quantity ³	Multifactor Productivity ⁴	Labor Composition ⁵	Output	Labor Compensation	Capital Income
	Index 1987 = 100									Billions of Current Dollars		
1987	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1988	104.4	103.6	103.8	101.6	100.6	101.0	103.6	100.7	100.8	107.6	108.1	106.1
1989	108.2	106.8	107.8	102.6	100.4	102.2	107.1	101.0	101.2	115.6	114.8	116.3
1990	109.9	106.6	111.1	104.8	98.9	106.0	108.1	101.7	101.8	121.6	121.0	121.3
1991	109.1	105.3	114.2	106.7	95.5	111.7	108.1	101.0	102.9	124.3	123.0	122.2
1992	113.5	106.3	116.7	111.2	97.3	114.4	109.6	103.6	104.2	131.7	130.0	129.9
1993	117.2	109.5	120.4	111.8	97.4	114.8	112.9	103.8	104.4	138.7	136.8	138.4
1994	123.1	114.4	124.6	112.9	98.8	114.3	117.6	104.6	105.0	148.2	144.4	150.6
1995	126.7	117.7	129.8	113.1	97.6	115.9	121.5	104.3	105.1	155.2	151.8	156.3
1996	132.6	120.1	135.6	116.4	97.8	119.1	124.9	106.1	105.5	165.0	160.1	169.3
1997	139.7	124.9	142.6	118.6	97.9	121.2	130.4	107.1	106.1	176.3	171.2	178.6
1998	146.5	127.7	151.6	122.0	96.7	126.2	135.0	108.5	106.4	186.1	185.1	179.4
1999	154.1	131.2	161.4	125.8	95.5	131.7	140.2	109.9	107.1	197.5	198.3	188.6
2000	160.1	132.5	171.5	129.4	93.4	138.6	143.9	111.3	107.1	209.2	213.7	192.6
2001	160.9	130.7	179.4	133.0	89.7	148.3	144.4	111.4	108.0	214.0	218.2	198.5
2002	163.4	128.9	184.5	138.6	88.5	156.5	144.2	113.3	109.3	219.4	220.8	204.8
2003	168.5	128.5	188.7	143.9	89.3	161.2	144.9	116.3	109.8	229.7	229.0	218.8
2004	175.7	130.4	193.0	148.2	91.0	162.8	147.4	119.1	110.0	245.5	241.7	241.2
2005	182.2	132.8	197.9	151.1	92.1	164.1	150.5	121.1	110.1	262.5	256.0	263.9
2006	188.0	136.3	203.2	152.7	92.5	165.1	154.5	121.7	110.7	279.2	271.9	278.5
2007	192.3	137.5	209.7	155.5	91.6	169.6	157.1	122.5	111.2	..	..	..

Compound Annual Growth Rate

1987-2006	3.38	1.64	3.80	2.25	-0.41	2.67	2.31	1.04	0.54	5.55	5.41	5.54
1987-2000	3.69	2.19	4.24	2.00	-0.53	2.54	2.84	0.83	0.53	5.84	6.01	5.17
2000-2006	2.71	0.47	2.87	2.80	-0.15	2.96	1.19	1.50	0.55	4.93	4.10	6.34

Source: Calculated by CSLS from US Bureau of Labor Statistics, Major Sector Multifactor Productivity Index

Notes:

1. Tornquist agg. of hrs by educ., work, exp. & sex
2. Tornquist (rental price wts.) aggregate K inputs
3. Tornquist (cost share wts.) aggregate K and L
4. Real Value-Added Output div by combined inputs
5. Ratio of Labor Input to Hours