

APPENDIX TABLES

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APPENDIX TABLE 1: REAL VALUE ADDED FOR MANUFACTURING IN CANADA AND IN NEW BRUNSWICK, 1997-2019

	Canada	New Brunswick	Share of New Brunswick compared to Canada
	Chained (2012) dollars in thousands		
1997	170,555,416	2,633,454	1.54
1998	179,170,014	2,844,703	1.59
1999	193,484,982	2,989,156	1.54
2000	211,013,745	3,149,116	1.49
2001	203,344,472	3,100,575	1.52
2002	207,083,193	3,438,930	1.66
2003	204,431,465	3,629,455	1.78
2004	209,407,736	3,648,822	1.74
2005	213,622,149	3,338,676	1.56
2006	210,182,369	3,169,777	1.51
2007	203,857,258	3,043,602	1.49
2008	192,962,493	2,869,792	1.49
2009	166,348,212	2,849,844	1.71
2010	174,379,509	3,002,746	1.72
2011	180,428,518	2,987,902	1.66
2012	183,059,010	2,909,111	1.59
2013	182,459,456	3,027,839	1.66
2014	187,882,756	2,903,018	1.55
2015	188,944,053	2,968,100	1.57
2016	188,927,177	2,990,753	1.58
2017	195,883,638	3,035,656	1.55
2018	200,820,542	2,901,955	1.45
2019	201,119,526	2,925,144	1.45

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 2: HOURS WORKED FOR ALL JOBS ON MANUFACTURING IN CANADA AND IN NEW BRUNSWICK, 1997-2019

	Canada	New Brunswick	Share of New Brunswick compared to Canada
	Hours in Thousands		
1997	3,795,006	59,254	1.56
1998	3,810,946	59,748	1.57
1999	3,880,016	62,316	1.61
2000	3,959,347	62,252	1.57
2001	3,873,588	58,254	1.50
2002	3,847,562	61,830	1.61
2003	3,854,428	62,833	1.63
2004	3,865,425	61,830	1.60
2005	3,796,960	61,605	1.62
2006	3,670,346	60,647	1.65
2007	3,571,263	58,977	1.65
2008	3,330,559	58,220	1.75
2009	2,965,052	57,173	1.93
2010	3,027,008	56,954	1.88
2011	3,062,320	55,952	1.83
2012	3,055,309	60,774	1.99
2013	3,006,031	60,670	2.02
2014	2,996,635	63,005	2.10
2015	3,019,775	62,176	2.06
2016	3,020,860	58,810	1.95
2017	3,048,023	60,008	1.97
2018	3,099,385	58,767	1.90
2019	3,151,918	60,761	1.93

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 3: LABOUR PRODUCTIVITY FOR MANUFACTURING IN CANADA AND IN NEW BRUNSWICK, 1997-2019

	Canada	New Brunswick	Relative level of New Brunswick compared to Canada	Canada	New Brunswick	Relative level of New Brunswick compared to Canada
	Chained (2012) dollars per hour			Thousands Chained (2012) dollars per job		
1997	44.9	44.4	98.9	89.7	90.6	101.0
1998	47.0	47.6	101.3	93.4	97.3	104.2
1999	49.9	48.0	96.2	98.9	97.6	98.7
2000	53.3	50.6	94.9	105.0	102.0	97.2
2001	52.5	53.2	101.3	103.0	106.6	103.5
2002	53.8	55.6	103.3	105.4	111.7	106.0
2003	53.0	57.8	109.1	103.0	116.8	113.4
2004	54.2	59.0	108.9	105.8	118.1	111.7
2005	56.3	54.2	96.3	109.3	107.4	98.2
2006	57.3	52.3	91.3	111.5	104.8	94.0
2007	57.1	51.6	90.4	111.4	102.3	91.8
2008	57.9	49.3	85.1	112.7	99.4	88.2
2009	56.1	49.8	88.8	107.0	100.0	93.5
2010	57.6	52.7	91.5	111.8	106.2	95.0
2011	58.9	53.4	90.7	114.0	106.9	93.7
2012	59.9	47.9	80.0	116.2	98.0	84.3
2013	60.7	49.9	82.2	117.8	101.0	85.7
2014	62.7	46.1	73.5	121.3	92.0	75.8
2015	62.6	47.7	76.2	121.2	97.8	80.7
2016	62.5	50.9	81.4	120.9	102.7	84.9
2017	64.3	50.6	78.7	123.1	100.7	81.7
2018	64.8	49.4	76.2	125.5	100.6	80.2
2019	63.8	48.1	75.4	122.1	98.9	81.0

Source : Statistics Canada, Table : 36-10-0480-01

APPENDIX TABLE 4: NOMINAL VALUE ADDED FOR MANUFACTURING IN CANADA AND IN NEW BRUNSWICK, 1997-2016

	Canada	New Brunswick	Share of New Brunswick compared to Canada
	Thousands of dollars		
1997	145,439,213	2,087,450	1.44
1998	152,798,253	2,302,552	1.51
1999	172,047,109	2,483,514	1.44
2000	188,221,589	2,869,571	1.52
2001	183,513,283	2,861,183	1.56
2002	187,466,198	2,662,827	1.42
2003	183,938,860	2,889,191	1.57
2004	190,909,327	3,072,831	1.61
2005	190,100,635	2,857,639	1.50
2006	188,293,829	2,710,167	1.44
2007	187,768,744	2,923,290	1.56
2008	175,816,259	2,668,377	1.52
2009	158,071,265	2,531,860	1.60
2010	167,029,564	2,787,113	1.67
2011	176,585,095	2,872,720	1.63
2012	183,059,010	2,909,111	1.59
2013	182,365,652	2,944,328	1.61
2014	188,010,458	2,812,536	1.50
2015	198,519,077	3,277,497	1.65
2016	201,057,846	3,119,386	1.55

Source: Statistics Canada, Table: 36-10-0480-01

**APPENDIX TABLE 5: NOMINAL VALUE ADDED/ TOTAL HOURS WORKED FOR
MANUFACTURING IN CANADA AND IN NEW BRUNSWICK, 1997-2016**

	Canada	New Brunswick	Relative level of New Brunswick compared to Canada
	Dollars per Hour		
1997	38.3	35.2	91.9
1998	40.1	38.5	96.1
1999	44.3	39.9	89.9
2000	47.5	46.1	97.0
2001	47.4	49.1	103.7
2002	48.7	43.1	88.4
2003	47.7	46.0	96.4
2004	49.4	49.7	100.6
2005	50.1	46.4	92.6
2006	51.3	44.7	87.1
2007	52.6	49.6	94.3
2008	52.8	45.8	86.8
2009	53.3	44.3	83.1
2010	55.2	48.9	88.7
2011	57.7	51.3	89.0
2012	59.9	47.9	79.9
2013	60.7	48.5	80.0
2014	62.7	44.6	71.2
2015	65.7	52.7	80.2
2016	66.6	53.0	79.7

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 6: DEFLATOR FOR MANUFACTURING (NOMINAL VALUE ADDED/REAL VALUE ADDED) IN CANADA AND IN NEW BRUNSWICK, 1997-2016

	Canada	New Brunswick	Ratio of New Brunswick's deflator compared to Canada's
1997	85.3	79.3	93.0
1998	85.3	80.9	94.9
1999	88.9	83.1	93.4
2000	89.2	91.1	102.2
2001	90.2	92.3	102.3
2002	90.5	77.4	85.5
2003	90.0	79.6	88.5
2004	91.2	84.2	92.4
2005	89.0	85.6	96.2
2006	89.6	85.5	95.4
2007	92.1	96.0	104.3
2008	91.1	93.0	102.0
2009	95.0	88.8	93.5
2010	95.8	92.8	96.9
2011	97.9	96.1	98.2
2012	100.0	100.0	100.0
2013	99.9	97.2	97.3
2014	100.1	96.9	96.8
2015	105.1	110.4	105.1
2016	106.4	104.3	98.0

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 7: TOTAL NUMBER OF JOBS FOR MANUFACTURING IN CANADA AND IN NEW BRUNSWICK, 1997-2019

	Canada	New Brunswick	Share of New Brunswick compared to Canada
	Jobs		
1997	1,902,155	29,075	1.53
1998	1,918,790	29,235	1.52
1999	1,956,455	30,630	1.57
2000	2,010,240	30,870	1.54
2001	1,973,345	29,075	1.47
2002	1,965,455	30,790	1.57
2003	1,984,360	31,080	1.57
2004	1,979,425	30,890	1.56
2005	1,954,415	31,090	1.59
2006	1,884,455	30,240	1.60
2007	1,830,275	29,765	1.63
2008	1,712,260	28,885	1.69
2009	1,554,700	28,495	1.83
2010	1,559,305	28,270	1.81
2011	1,582,020	27,955	1.77
2012	1,575,000	29,685	1.88
2013	1,549,360	29,990	1.94
2014	1,548,710	31,560	2.04
2015	1,558,710	30,340	1.95
2016	1,562,585	29,135	1.86
2017	1,590,635	30,155	1.90
2018	1,600,450	28,845	1.80
2019	1,647,410	29,565	1.79

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 8: MANUFACTURING JOBS AND THE SHARES OF MANUFACTURING JOBS IN THE TOTAL ECONOMY IN CANADA AND IN THE PROVINCES IN 1997 AND 2019

	Manufacturing Jobs		Per Cent Change Between 1997 and 2019	Shares of Manufacturing Jobs in the Total Economy		Absolute Change in Shares Between 1997 and 2019
	1997	2019		1997	2019	
Canada	1,902,155	1,647,410	-13.4	13.5	8.5	-5.1
Newfoundland and Labrador	9,700	7,655	-21.1	5.3	3.4	-1.9
Prince Edward Island	3,255	5,505	69.1	5.5	7.2	1.6
Nova Scotia	41,450	31,335	-24.4	10.4	6.6	-3.8
New Brunswick	29,075	29,565	1.7	9.2	8.2	-1.0
Quebec	505,885	469,045	-7.28	16.1	10.8	-5.2
Ontario	927,225	731,480	-21.1	17.2	9.6	-7.6
Manitoba	61,920	62,340	0.7	11.0	9.0	-2.0
Saskatchewan	27,995	27,995	0.0	5.7	4.6	-1.0
Alberta	115,845	125,160	8.0	7.6	5.2	-2.5
British Columbia	179,360	156,900	-12.5	9.5	6.1	-3.4

Source: Statistics Canada, Tables: 36-10-0480-01

APPENDIX TABLE 9: ANNUAL AVERAGE NUMBER OF HOURS WORKED FOR ALL JOBS FOR MANUFACTURING IN CANADA AND IN NEW BRUNSWICK, 1997-2019

	Canada	New Brunswick	Relative level of New Brunswick compared to Canada
	Hours		
1997	1,995	2,038	102.2
1998	1,986	2,044	102.9
1999	1,983	2,034	102.6
2000	1,970	2,017	102.4
2001	1,963	2,004	102.1
2002	1,958	2,008	102.6
2003	1,942	2,022	104.1
2004	1,953	2,002	102.5
2005	1,943	1,982	102.0
2006	1,948	2,006	103.0
2007	1,951	1,981	101.5
2008	1,945	2,016	103.7
2009	1,907	2,006	105.2
2010	1,941	2,015	103.8
2011	1,936	2,002	103.4
2012	1,940	2,047	105.5
2013	1,940	2,023	104.3
2014	1,935	1,996	103.2
2015	1,937	2,049	105.8
2016	1,933	2,019	104.4
2017	1,916	1,990	103.9
2018	1,937	2,037	105.2
2019	1,913	2,055	107.4

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 10: TOTAL LABOUR COMPENSATION PER HOUR WORKED FOR MANUFACTURING IN CANADA AND IN NEW BRUNSWICK, 1997-2019

	Canada	New Brunswick	Relative level of New Brunswick compared to Canada
	Dollars per Hour		
1997	22.42	18.64	83.1
1998	23.59	19.56	82.9
1999	24.38	19.8	81.2
2000	25.72	20.28	78.8
2001	26.43	21.06	79.7
2002	27.12	20.84	76.8
2003	27.65	21.89	79.2
2004	28.75	22.92	79.7
2005	30.02	23.51	78.3
2006	31.28	23.71	75.8
2007	32.61	24.73	75.8
2008	33.59	25.57	76.1
2009	34.51	24.95	72.3
2010	34.11	25.88	75.9
2011	34.92	26.58	76.1
2012	36.13	25.61	70.9
2013	37.12	26.25	70.7
2014	38.28	27.06	70.7
2015	39.04	27.05	69.3
2016	38.85	28.18	72.5
2017	39.71	29.16	73.4
2018	40.59	29.85	73.5
2019	42.11	31.12	73.9

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 11: TOTAL LABOUR COMPENSATION PER HOUR WORKED FOR ALL INDUSTRIES IN CANADA AND IN NEW BRUNSWICK, 1997-2019

	Canada	New Brunswick	Relative Level of New Brunswick compared to Canada
	Dollars per Hour		
1997	19.5	16.1	82.3
1998	20.2	16.4	81.5
1999	20.7	17.0	82.4
2000	21.9	17.8	81.0
2001	22.7	18.2	80.3
2002	23.2	18.5	79.5
2003	23.8	19.5	81.8
2004	24.6	20.2	82.2
2005	25.7	21.0	81.8
2006	26.9	21.5	80.1
2007	28.0	22.5	80.5
2008	28.9	23.8	82.4
2009	29.6	24.4	82.5
2010	29.9	25.1	83.8
2011	31.0	26.6	85.9
2012	31.9	26.7	83.9
2013	32.8	27.3	83.3
2014	33.9	28.4	83.7
2015	34.6	28.8	83.3
2016	34.3	29.1	84.8
2017	35.3	29.7	84.2
2018	36.1	30.7	85.0
2019	37.4	32.1	85.8
Compound Annual Growth Rate			
1997-2019	3.00		3.19
1997-2016	3.02		3.19
1997-2000	3.99		3.43
2000-2008	3.49		3.71
2008-2019	2.38		2.76
2008-2014	2.74		3.01
2014-2019	1.94		2.46

Source : Statistics Canada, Table : 36-10-0480-01

APPENDIX TABLE 12: UNIT LABOUR COST FOR MANUFACTURING IN CANADA AND IN NEW BRUNSWICK, 1997-2019

	Canada	New Brunswick	Relative level of New Brunswick compared to Canada
	Nominal Dollar per unit of real GDP		
1997	0.499	0.419	84.0
1998	0.502	0.411	81.9
1999	0.489	0.413	84.5
2000	0.483	0.401	83.0
2001	0.503	0.396	78.7
2002	0.504	0.375	74.4
2003	0.521	0.379	72.7
2004	0.531	0.388	73.1
2005	0.534	0.434	81.3
2006	0.546	0.454	83.2
2007	0.571	0.479	83.9
2008	0.58	0.519	89.5
2009	0.615	0.501	81.5
2010	0.592	0.491	82.9
2011	0.593	0.498	84.0
2012	0.603	0.535	88.7
2013	0.612	0.526	85.9
2014	0.61	0.587	96.2
2015	0.624	0.567	90.9
2016	0.621	0.554	89.2
2017	0.618	0.576	93.2
2018	0.626	0.604	96.5
2019	0.66	0.646	97.9

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 13: RATIO OF TOTAL COMPENSATION FOR ALL JOBS AND NOMINAL VALUE ADDED FOR CANADA AND NEW BRUNSWICK, 1997-2016

	Canada	New Brunswick	Relative level of New Brunswick compared to Canada
	Manufacturing		
1997	0.59	0.53	90.4
1998	0.59	0.51	86.3
1999	0.55	0.50	90.4
2000	0.54	0.44	81.3
2001	0.56	0.43	76.9
2002	0.56	0.48	86.9
2003	0.58	0.48	82.2
2004	0.58	0.46	79.2
2005	0.60	0.51	84.5
2006	0.61	0.53	87.0
2007	0.62	0.50	80.4
2008	0.64	0.56	87.7
2009	0.65	0.56	87.1
2010	0.62	0.53	85.6
2011	0.61	0.52	85.5
2012	0.60	0.54	88.7
2013	0.61	0.54	88.4
2014	0.61	0.61	99.4
2015	0.59	0.51	86.4
2016	0.58	0.53	91.0

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 14: RATIO OF THE SHARES OF TOTAL NUMBER OF JOBS, HOURS WORKED AND REAL VALUE ADDED NEW BRUNSWICK RELATIVE TO CANADA

	Total number of jobs	Hours worked for all jobs	Real value added
1997	0.68	0.67	0.82
1998	0.68	0.68	0.84
1999	0.69	0.69	0.81
2000	0.69	0.68	0.80
2001	0.67	0.67	0.82
2002	0.71	0.70	0.88
2003	0.72	0.72	0.94
2004	0.72	0.72	0.93
2005	0.75	0.74	0.85
2006	0.76	0.75	0.83
2007	0.77	0.76	0.83
2008	0.81	0.81	0.83
2009	0.86	0.87	0.93
2010	0.87	0.86	0.95
2011	0.87	0.87	0.94
2012	0.94	0.96	0.93
2013	0.99	1.00	1.00
2014	1.05	1.06	0.96
2015	1.02	1.05	0.98
2016	0.97	0.98	0.98
2017	1.00	0.99	0.97
2018	0.96	0.97	0.92
2019	0.97	1.00	0.93

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 15: TOTAL NUMBER OF JOBS, HOURS WORKED FOR ALL JOBS (IN THOUSANDS) FOR MANUFACTURING IN NEW BRUNSWICK, 2019, (SHARE OF ALL INDUSTRIES AND MANUFACTURING)

	New Brunswick					
	Total number of jobs	Per Cent of All Industries	Per Cent of Manufacturing	Hours worked for all jobs	Per Cent of All Industries	Per Cent of Manufacturing
Industry	2019					
All industries	360,110	100	-	636,837	100	-
Manufacturing	29,565	8.21	100.0	60,761	9.54	100
Food manufacturing	9,550	2.65	32.30	20,787	3.26	34.2
Beverage and tobacco product manufacturing	760	0.21	2.57	1,425	0.22	2.35
Textile and textile product mills	240	0.07	0.81	476	0.07	0.78
Clothing and leather and allied product manufacturing	135	0.04	0.46	254	0.04	0.42
Wood product manufacturing	5,350	1.49	18.1	10,898	1.71	17.9
Paper manufacturing	2,995	0.83	10.1	5,933	0.93	9.76
Printing and related support activities	305	0.08	1.03	557	0.09	0.92
Petroleum and coal product manufacturing	1,105	0.31	3.74	2,298	0.36	3.78
Chemical manufacturing	500	0.14	1.69	958	0.15	1.58
Plastics and rubber products manufacturing	1,360	0.38	4.60	2,787	0.44	4.59
Non-metallic mineral product manufacturing	930	0.26	3.15	1,854	0.29	3.05
Primary metal manufacturing	295	0.08	1.00	631	0.10	1.04
Fabricated metal product manufacturing	1,870	0.52	6.33	3,687	0.58	6.07
Machinery manufacturing	1,240	0.34	4.19	2,383	0.37	3.92
Computer and electronic product manufacturing	365	0.10	1.23	687	0.11	1.13
Electrical equipment manufacturing	45	0.01	0.15	92	0.01	0.15
Transportation equipment manufacturing	620	0.17	2.10	1,239	0.19	2.04
Furniture and related product manufacturing	900	0.25	3.04	1,751	0.27	2.88
Miscellaneous manufacturing	1,000	0.28	3.38	2,063	0.32	3.40

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 16: REAL VALUE ADDED (2019), 2012 DOLLARS AND NOMINAL VALUE ADDED (2016) FOR MANUFACTURING IN NEW BRUNSWICK, (SHARE OF ALL INDUSTRIES AND MANUFACTURING)

	New Brunswick					
	Real value added	Per Cent of All Industries	Per Cent of Manufacturing	Nominal value added	Per Cent of All Industries	Per Cent of Manufacturing
Industry	2019			2016		
	Thousand of Dollars					
All industries	30,745,349	100	-	31,222,122	100	-
Manufacturing	2,925,144	9.51	100	3,119,386	9.99	100
Food manufacturing	679,676	2.21	23.2	790,547	2.53	25.3
Beverage and tobacco product manufacturing	116,603	0.38	3.99	138,034	0.44	4.43
Textile and textile product mills	12,892	0.04	0.44	11,162	0.04	0.36
Clothing and leather and allied product manufacturing	4,733	0.02	0.16	4,187	0.01	0.13
Wood product manufacturing	394,227	1.28	13.5	399,508	1.28	12.8
Paper manufacturing	571,584	1.86	19.5	495,691	1.59	15.9
Printing and related support activities	12,280	0.04	0.42	11,047	0.04	0.35
Petroleum and coal product manufacturing	563,366	1.83	19.3	639,010	2.05	20.5
Chemical manufacturing	40,140	0.13	1.37	29,650	0.09	0.95
Plastics and rubber products manufacturing	158,961	0.52	5.43	88,830	0.28	2.85
Non-metallic mineral product manufacturing	66,048	0.21	2.26	73,312	0.23	2.35
Primary metal manufacturing	65,011	0.21	2.22	33,315	0.11	1.07
Fabricated metal product manufacturing	139,556	0.45	4.77	155,416	0.50	4.98
Machinery manufacturing	92,600	0.30	3.17	75,821	0.24	2.43
Computer and electronic product	30,346	0.10	1.04	23,075	0.07	0.74

manufacturing						
Electrical equipment manufacturing	3,903	0.01	0.13	3,811	0.01	0.12
Transportation equipment manufacturing	40,715	0.13	1.39	45,082	0.14	1.45
Furniture and related product manufacturing	43,830	0.14	1.50	39,363	0.13	1.26
Miscellaneous manufacturing	41,261	0.13	1.41	62,525	0.20	2.00

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 17: TOTAL NUMBER OF JOBS, HOURS WORKED, NOMINAL VALUE ADDED, REAL VALUE ADDED FOR MANUFACTURING IN NEW BRUNSWICK, 1997-2019 (FOR ALL VARIABLES EXCEPT NOMINAL VALUE ADDED), (COMPOUND ANNUAL GROWTH RATE)

Compound Annual Growth Rate	Total number of jobs	Hours worked for all jobs (x 1,000,000)	Nominal value added (1997-2016)	Real value added
All industries	0.61	0.38	3.59	1.50
Manufacturing	0.08	0.11	2.14	0.48
Food manufacturing	1.69	2.09	3.06	1.32
Beverage and tobacco product manufacturing	2.62	2.27	6.69	1.17
Textile and textile product mills	-4.62	-4.74	-3.60	-4.86
Clothing and leather and allied product manufacturing	-4.76	-4.99	-3.99	-5.60
Wood product manufacturing	-1.45	-1.64	0.51	0.86
Paper manufacturing	-1.64	-1.64	-0.24	0.30
Printing and related support activities	-3.61	-3.88	-2.78	-4.73
Petroleum and coal product manufacturing	6.27	6.15	7.72	-1.72
Chemical manufacturing	2.43	2.51	-2.40	-3.62
Plastics and rubber products manufacturing	2.77	2.78	3.98	5.54
Non-metallic mineral product manufacturing	0.46	0.32	-0.35	-0.98
Primary metal manufacturing	-2.71	-2.60	-4.24	0.85
Fabricated metal product manufacturing	1.92	1.80	5.32	3.01
Machinery manufacturing	0.87	0.66	2.57	2.67
Computer and electronic product manufacturing	-2.27	-2.59	-1.38	-2.63
Electrical equipment manufacturing	-6.86	-6.72	-3.57	-2.76
Transportation equipment manufacturing	-2.35	-2.46	-1.54	-2.12
Furniture and related product manufacturing	0.92	0.70	1.95	0.70
Miscellaneous manufacturing	-0.13	-0.04	2.35	-2.43

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 18: EMPLOYMENT AND UNEMPLOYMENT RATE IN THE MANUFACTURING SECTOR AND FOR TOTAL ECONOMY FOR NEW BRUNSWICK, 1997-2019

New Brunswick						Canada		
Reference period	Employment		Unemployment rate			Unemployment rate		
	Total, all industries	Manufacturing	Total, all industries	Manufacturing	Manufacturing/All Industries	Total, all industries	Manufacturing	Manufacturing/All Industries
	Both sexes							
	15 years and over (x 1,000)		15 years and over					
	Persons		Percentage					
1997	310.1	35.3	12.6	11.5	0.91	9.10	5.60	0.62
1998	316.1	36.4	12.2	11.2	0.92	8.30	5.90	0.71
1999	325.7	39.0	10.2	10.1	0.99	7.60	5.40	0.71
2000	331.6	40.5	10.0	11.2	1.12	6.80	4.70	0.69
2001	330.0	37.9	11.1	14.1	1.27	7.20	6.10	0.85
2002	341.9	37.4	10.1	11.6	1.15	7.70	6.20	0.81
2003	341.7	39.2	10.2	12.1	1.19	7.60	6.00	0.79
2004	348.1	41.3	9.80	10.4	1.06	7.20	5.60	0.78
2005	346.5	35.3	9.70	13.1	1.35	6.80	5.60	0.82
2006	350.4	36.5	8.70	10.8	1.24	6.30	5.70	0.90
2007	357.6	37.1	7.50	9.10	1.21	6.00	6.00	1.00
2008	360.7	33.2	8.50	12.6	1.48	6.10	6.20	1.02
2009	360.0	31.6	8.70	14.4	1.66	8.30	10.0	1.20
2010	358.1	29.9	9.20	12.1	1.32	8.10	6.80	0.84
2011	355.5	31.4	9.50	11.0	1.16	7.50	5.60	0.75
2012	353.1	28.6	10.2	12.0	1.18	7.30	5.10	0.70
2013	354.5	28.2	10.3	12.7	1.23	7.10	5.20	0.73
2014	353.9	28.0	9.90	10.8	1.09	6.90	4.80	0.70
2015	351.8	29.8	9.80	10.8	1.10	6.90	4.80	0.70
2016	351.5	30.4	9.50	10.6	1.12	7.00	4.90	0.70
2017	352.9	31.7	8.10	7.90	0.98	6.30	3.70	0.59
2018	353.8	31.3	8.00	9.30	1.16	5.80	3.60	0.62
2019	356.7	30.6	7.90	9.70	1.23	5.70	3.60	0.63

Source: Statistics Canada, Labour Force Survey, Table: 14-10-0023-01

APPENDIX TABLE 19: TOTAL NUMBER OF JOBS, HOURS WORKED FOR ALL JOBS (IN THOUSANDS) FOR MANUFACTURING IN CANADA, 2019, (SHARE OF ALL INDUSTRIES AND MANUFACTURING)

Canada						
	Total number of jobs	Per Cent of All Industries	Per Cent of Manufacturing	Hours worked for all jobs	Per Cent of All Industries	Per Cent of Manufacturing
Industry	2019					
All industries	19,442,005	100	-	32,874,922	100	-
Manufacturing	1,647,410	8.47	100	3,151,918	9.6	100
Food manufacturing	252,370	1.30	15.3	475,063	1.45	15.1
Beverage and tobacco product manufacturing	45,455	0.23	2.76	83,886	0.26	2.66
Textile and textile product mills	17,825	0.09	1.08	32,356	0.10	1.03
Clothing and leather and allied product manufacturing	24,685	0.13	1.50	44,482	0.14	1.41
Wood product manufacturing	93,315	0.48	5.66	181,440	0.55	5.76
Paper manufacturing	56,400	0.29	3.42	109,955	0.33	3.49
Printing and related support activities	49,785	0.26	3.02	88,365	0.27	2.80
Petroleum and coal product manufacturing	17,020	0.09	1.03	35,349	0.11	1.12
Chemical manufacturing	90,765	0.47	5.51	172,763	0.53	5.48
Plastics and rubber products manufacturing	108,400	0.56	6.58	208,587	0.63	6.62
Non-metallic mineral product manufacturing	53,315	0.27	3.24	104,972	0.32	3.33
Primary metal manufacturing	62,320	0.32	3.78	123,304	0.38	3.91
Fabricated metal product	173,755	0.89	10.5	331,291	1.01	10.5

manufacturing						
Machinery manufacturing	147,680	0.76	8.96	289,475	0.88	9.18
Computer and electronic product manufacturing	55,035	0.28	3.34	105,928	0.32	3.36
Electrical equipment manufacturing	37,105	0.19	2.25	72,659	0.22	2.31
Transportation equipment manufacturing	223,810	1.15	13.6	434,440	1.32	13.8
Furniture and related product manufacturing	72,465	0.37	4.40	135,957	0.41	4.31
Miscellaneous manufacturing	65,905	0.34	4.00	121,650	0.37	3.86

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 20: REAL VALUE ADDED (2019), 2012 DOLLARS AND NOMINAL VALUE ADDED (2016) FOR MANUFACTURING IN CANADA, (SHARE OF ALL INDUSTRIES AND MANUFACTURING)

	Real value added	Per Cent of All Industries	Per Cent of Manufacturing	Nominal value added 2016	Per Cent of All Industries	Per Cent of Manufacturing
	2019			2016		
	Thousands of dollars					
All industries	1,971,471,189	100	-	1,886,103,351	100	-
Manufacturing	201,119,526	10.2	100	201,057,846	10.7	100
Food manufacturing	27,057,277	1.37	13.5	25,422,416	1.35	12.6
Beverage and tobacco product manufacturing	7,105,123	0.36	3.53	7,117,799	0.38	3.54
Textile and textile product mills	1,286,348	0.07	0.64	1,233,568	0.07	0.61
Clothing and leather and allied product manufacturing	1,522,750	0.08	0.76	1,161,916	0.06	0.58
Wood product manufacturing	8,819,476	0.45	4.39	9,990,461	0.53	4.97
Paper manufacturing	6,994,124	0.35	3.48	8,606,959	0.46	4.28
Printing and related support activities	4,632,357	0.23	2.30	4,375,184	0.23	2.18
Petroleum and coal product manufacturing	11,334,997	0.57	5.64	13,089,980	0.69	6.51
Chemical manufacturing	21,993,426	1.12	10.9	20,368,009	1.08	10.1
Plastics and rubber products manufacturing	10,932,187	0.55	5.44	10,347,206	0.55	5.15
Non-metallic mineral product manufacturing	7,505,034	0.38	3.73	6,147,479	0.33	3.06
Primary metal manufacturing	11,108,895	0.56	5.52	11,130,997	0.59	5.54
Fabricated metal product manufacturing	16,691,441	0.85	8.30	15,273,159	0.81	7.60
Machinery manufacturing	18,029,885	0.91	8.96	14,209,883	0.75	7.07
Computer and electronic product	6,902,726	0.35	3.43	6,242,375	0.33	3.10

manufacturing						
Electrical equipment manufacturing	4,298,668	0.22	2.14	3,980,397	0.21	1.98
Transportation equipment manufacturing	28,044,062	1.42	13.9	32,533,576	1.72	16.2
Furniture and related product manufacturing	5,466,561	0.28	2.72	5,000,739	0.27	2.49
Miscellaneous manufacturing	5,596,408	0.28	2.78	4,825,743	0.26	2.40

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 21: TOTAL NUMBER OF JOBS, HOURS WORKED, NOMINAL VALUE ADDED, REAL VALUE ADDED FOR MANUFACTURING IN CANADA, 1997-2019 (FOR ALL VARIABLES EXCEPT NOMINAL VALUE ADDED), (COMPOUND ANNUAL GROWTH RATE)

Compound Annual Growth Rate	Total number of jobs	Hours worked for all jobs	Nominal value added (1997-2016)	Real value added
All industries	1.49	1.21	4.37	2.40
Manufacturing	-0.65	-0.84	1.72	0.75
Food manufacturing	0.90	0.82	3.17	1.97
Beverage and tobacco product manufacturing	1.93	1.60	2.04	-0.76
Textile and textile product mills	-4.14	-4.59	-2.84	-3.02
Clothing and leather and allied product manufacturing	-6.29	-6.56	-5.74	-3.98
Wood product manufacturing	-2.23	-2.34	0.38	1.46
Paper manufacturing	-2.77	-2.80	-0.76	-1.49
Printing and related support activities	-2.14	-2.48	0.16	-0.79
Petroleum and coal product manufacturing	4.67	4.85	12.04	1.53
Chemical manufacturing	0.12	-0.07	2.48	1.22
Plastics and rubber products manufacturing	0.10	-0.05	2.12	1.65
Non-metallic mineral product manufacturing	0.65	0.50	2.86	2.16
Primary metal manufacturing	-1.43	-1.52	0.49	0.29
Fabricated metal product manufacturing	0.89	0.59	3.02	1.71
Machinery manufacturing	0.04	-0.21	2.05	1.81
Computer and electronic product manufacturing	-3.24	-3.46	-2.10	-0.95
Electrical equipment manufacturing	-1.22	-1.32	0.87	0.38
Transportation equipment manufacturing	-0.54	-0.76	1.29	0.94
Furniture and related product manufacturing	-0.76	-1.12	2.24	0.63
Miscellaneous manufacturing	0.69	0.46	3.51	1.36

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 22: REAL VALUE ADDED FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR NEW BRUNSWICK IN 1997 AND 2004, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	1997		2004		Per Cent Change	Absolute Change	Contribution to Absolute Change (Per cent)
	Chained (2012) dollars in thousands	Per Cent of Average	Chained (2012) dollars in thousands	Per Cent of Average		Chained (2012) dollars in thousands	
Manufacturing	2,633,454	100.0	3,648,822	100.0	38.6	1,015,368	100.0
Food manufacturing	508,827	19.3	496,586	13.6	-2.41	-12,241	-1.2
Beverage and tobacco product manufacturing	90,316	3.43	151,420	4.2	67.7	61,104	6.0
Textile and textile product mills	38,600	1.47	131,992	3.6	242	93,392	9.2
Clothing and leather and allied product manufacturing	16,820	0.64	10,265	0.3	-39.0	-6,555	-0.6
Wood product manufacturing	326,333	12.4	396,558	10.9	21.5	70,225	6.9
Paper manufacturing	534,865	20.3	1,013,976	27.8	89.6	479,111	47.2
Printing and related support activities	35,676	1.35	31,779	0.9	-10.9	-3,897	-0.4
Petroleum and coal product manufacturing	824,863	31.3	707,558	19.4	-14.2	-117,305	-11.6
Chemical manufacturing	90,377	3.43	71,211	2.0	-21.2	-19,166	-1.9
Plastics and rubber products manufacturing	48,583	1.84	95,862	2.6	97.3	47,279	4.7
Non-metallic mineral product manufacturing	82,101	3.12	83,280	2.3	1.44	1,179	0.1
Primary metal manufacturing	53,972	2.05	76,071	2.1	40.9	22,099	2.2
Fabricated metal product manufacturing	72,635	2.76	97,073	2.7	33.6	24,438	2.4
Machinery manufacturing	51,829	1.97	92,121	2.5	77.7	40,292	4.0
Computer and electronic product manufacturing	54,557	2.07	10,526	0.3	-80.7	-44,031	-4.3
Electrical equipment manufacturing	7,217	0.27	6,312	0.2	-12.5	-905	-0.1
Transportation equipment manufacturing	65,298	2.48	26,650	0.7	-59.2	-38,648	-3.8
Furniture and related product manufacturing	37,582	1.43	53,203	1.5	41.6	15,621	1.5
Miscellaneous manufacturing	70,839	2.69	215,963	5.9	205	145,124	14.3

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 23: REAL VALUE ADDED FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR NEW BRUNSWICK IN 2004 AND 2019, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	2004		2019		Per Cent Change	Absolute Change	Contribution to Absolute Change (Per cent)
	Chained (2012) dollars in thousands	Per Cent of Average	Chained (2012) dollars in thousands	Per Cent of Average		Chained (2012) dollars in thousands	
Manufacturing	3,648,822	100.0	2,925,144	100.0	-19.8	-723,678	100.0
Food manufacturing	496,586	13.6	679,676	23.2	36.9	183,090	-25.3
Beverage and tobacco product manufacturing	151,420	4.15	116,603	4.0	-23.0	-34,817	4.8
Textile and textile product mills	131,992	3.62	12,892	0.4	-90.2	-119,100	16.5
Clothing and leather and allied product manufacturing	10,265	0.28	4,733	0.2	-53.9	-5,532	0.8
Wood product manufacturing	396,558	10.9	394,227	13.5	-0.59	-2,331	0.3
Paper manufacturing	1,013,976	27.8	571,584	19.5	-43.6	-442,392	61.1
Printing and related support activities	31,779	0.87	12,280	0.4	-61.4	-19,499	2.7
Petroleum and coal product manufacturing	707,558	19.4	563,366	19.3	-20.4	-144,192	19.9
Chemical manufacturing	71,211	1.95	40,140	1.4	-43.6	-31,071	4.3
Plastics and rubber products manufacturing	95,862	2.63	158,961	5.4	65.8	63,099	-8.7
Non-metallic mineral product manufacturing	83,280	2.28	66,048	2.3	-20.7	-17,232	2.4
Primary metal manufacturing	76,071	2.08	65,011	2.2	-14.5	-11,060	1.5
Fabricated metal product manufacturing	97,073	2.66	139,556	4.8	43.8	42,483	-5.9
Machinery manufacturing	92,121	2.52	92,600	3.2	0.52	479	-0.1
Computer and electronic product manufacturing	10,526	0.29	30,346	1.0	188.3	19,820	-2.7
Electrical equipment manufacturing	6,312	0.17	3,903	0.1	-38.2	-2,409	0.3
Transportation equipment manufacturing	26,650	0.73	40,715	1.4	52.8	14,065	-1.9
Furniture and related product manufacturing	53,203	1.46	43,830	1.5	-17.6	-9,373	1.3
Miscellaneous manufacturing	215,963	5.92	41,261	1.4	-80.9	-174,702	24.1

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 24: REAL VALUE ADDED FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR CANADA IN 1997 AND 2004, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	1997		2004		Per Cent Change	Absolute Change	Contribution to Absolute Change (Per cent)
	Chained (2012) dollars in thousands	Per Cent of Average	Chained (2012) dollars in thousands	Per Cent of Average		Chained (2012) dollars in thousands	
Manufacturing	170,555,416	100.0	209,407,736	100.0	22.8	38,852,320	100.0
Food manufacturing	17,612,715	10.3	20,353,217	9.7	15.6	2,740,502	7.1
Beverage and tobacco product manufacturing	8,408,424	4.9	7,774,123	3.7	-7.5	-634,301	-1.6
Textile and textile product mills	2,523,464	1.5	2,650,037	1.3	5.0	126,573	0.3
Clothing and leather and allied product manufacturing	3,719,883	2.2	3,005,453	1.4	-19.2	-714,430	-1.8
Wood product manufacturing	6,417,309	3.8	9,026,046	4.3	40.7	2,608,737	6.7
Paper manufacturing	9,739,060	5.7	11,287,409	5.4	15.9	1,548,349	4.0
Printing and related support activities	5,518,009	3.2	6,606,771	3.2	19.7	1,088,762	2.8
Petroleum and coal product manufacturing	8,114,061	4.8	13,205,888	6.3	62.8	5,091,827	13.1
Chemical manufacturing	16,835,564	9.9	21,603,849	10.3	28.3	4,768,285	12.3
Plastics and rubber products manufacturing	7,630,871	4.5	10,611,494	5.1	39.1	2,980,623	7.7
Non-metallic mineral product manufacturing	4,692,829	2.8	6,623,028	3.2	41.1	1,930,199	5.0
Primary metal manufacturing	10,417,163	6.1	12,799,473	6.1	22.9	2,382,310	6.1
Fabricated metal product manufacturing	11,489,426	6.7	15,037,182	7.2	30.9	3,547,756	9.1
Machinery manufacturing	12,156,925	7.1	14,156,817	6.8	16.5	1,999,892	5.1
Computer and electronic product manufacturing	8,521,508	5.0	9,608,548	4.6	12.8	1,087,040	2.8
Electrical equipment manufacturing	3,958,198	2.3	4,103,991	2.0	3.7	145,793	0.4
Transportation equipment manufacturing	22,812,291	13.4	28,216,894	13.5	23.7	5,404,603	13.9
Furniture and related product manufacturing	4,758,546	2.8	7,013,012	3.3	47.4	2,254,466	5.8
Miscellaneous manufacturing	4,157,914	2.4	5,610,533	2.7	34.9	1,452,619	3.7

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 25: REAL VALUE ADDED FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR CANADA IN 2004 AND 2019, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	2004		2019		Per Cent Change	Absolute Change	Contribution to Absolute Change (Per cent)
	Chained (2012) dollars in thousands	Per Cent of Average	Chained (2012) dollars in thousands	Per Cent of Average		Chained (2012) dollars in thousands	
Manufacturing	209,407,736	100.0	201,119,526	100.0	-4.0	-8,288,210	100.0
Food manufacturing	20,353,217	9.7	27,057,277	13.5	32.9	6,704,060	-80.9
Beverage and tobacco product manufacturing	7,774,123	3.7	7,105,123	3.5	-8.6	-669,000	8.1
Textile and textile product mills	2,650,037	1.3	1,286,348	0.6	-51.5	-1,363,689	16.5
Clothing and leather and allied product manufacturing	3,005,453	1.4	1,522,750	0.8	-49.3	-1,482,703	17.9
Wood product manufacturing	9,026,046	4.3	8,819,476	4.4	-2.3	-206,570	2.5
Paper manufacturing	11,287,409	5.4	6,994,124	3.5	-38.0	-4,293,285	51.8
Printing and related support activities	6,606,771	3.2	4,632,357	2.3	-29.9	-1,974,414	23.8
Petroleum and coal product manufacturing	13,205,888	6.3	11,334,997	5.6	-14.2	-1,870,891	22.6
Chemical manufacturing	21,603,849	10.3	21,993,426	10.9	1.8	389,577	-4.7
Plastics and rubber products manufacturing	10,611,494	5.1	10,932,187	5.4	3.0	320,693	-3.9
Non-metallic mineral product manufacturing	6,623,028	3.2	7,505,034	3.7	13.3	882,006	-10.6
Primary metal manufacturing	12,799,473	6.1	11,108,895	5.5	-13.2	-1,690,578	20.4
Fabricated metal product manufacturing	15,037,182	7.2	16,691,441	8.3	11.0	1,654,259	-20.0
Machinery manufacturing	14,156,817	6.8	18,029,885	9.0	27.4	3,873,068	-46.7
Computer and electronic product manufacturing	9,608,548	4.6	6,902,726	3.4	-28.2	-2,705,822	32.6
Electrical equipment manufacturing	4,103,991	2.0	4,298,668	2.1	4.7	194,677	-2.3
Transportation equipment manufacturing	28,216,894	13.5	28,044,062	13.9	-0.61	-172,832	2.1
Furniture and related product manufacturing	7,013,012	3.3	5,466,561	2.7	-22.1	-1,546,451	18.7
Miscellaneous manufacturing	5,610,533	2.7	5,596,408	2.8	-0.25	-14,125	0.2

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 26: HOURS WORKED FOR ALL JOBS FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR NEW BRUNSWICK, IN 1997 AND 2004, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	1997		2004		Per Cent Change	Absolute Change	Contribution to Absolute Change (Per cent)
	Hours in thousands	Per Cent of Average	Hours in thousands	Per Cent of Average		Hours in thousands	
Manufacturing	59,254	100.0	61,830	100.0	4.3	2,576	100.0
Food manufacturing	13,189	22.3	11,018	17.8	-16.5	-2,171	-84.3
Beverage and tobacco product manufacturing	869	1.5	1,086	1.8	25.0	217	8.4
Textile and textile product mills	1,384	2.3	3,604	5.8	160.4	2,220	86.2
Clothing and leather and allied product manufacturing	784	1.3	608	1.0	-22.5	-176	-6.8
Wood product manufacturing	15,685	26.5	14,104	22.8	-10.1	-1,581	-61.4
Paper manufacturing	8,532	14.4	10,724	17.3	25.7	2,191	85.1
Printing and related support activities	1,332	2.2	1,150	1.9	-13.7	-182	-7.1
Petroleum and coal product manufacturing	618	1.0	930	1.5	50.4	312	12.1
Chemical manufacturing	556	0.94	427	0.7	-23.1	-129	-5.0
Plastics and rubber products manufacturing	1,524	2.6	2,498	4.0	63.9	974	37.8
Non-metallic mineral product manufacturing	1,728	2.9	1,992	3.2	15.2	263	10.2
Primary metal manufacturing	1,126	1.9	506	0.8	-55.1	-620	-24.1
Fabricated metal product manufacturing	2,492	4.2	3,341	5.4	34.1	849	33.0
Machinery manufacturing	2,061	3.5	2,882	4.7	39.9	822	31.9
Computer and electronic product manufacturing	1,222	2.1	241	0.4	-80.3	-982	-38.1
Electrical equipment manufacturing	427	0.7	192	0.31	-55.0	-235	-9.1
Transportation equipment manufacturing	2,145	3.6	881	1.4	-58.9	-1,264	-49.1
Furniture and related product manufacturing	1,502	2.5	2,139	3.5	42.4	637	24.7
Miscellaneous manufacturing	2,079	3.5	3,509	5.7	68.8	1,430	55.5

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 27: HOURS WORKED FOR ALL JOBS FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR NEW BRUNSWICK, IN 2004 AND 2019, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	2004		2019		Per Cent Change	Absolute Change	Contribution to Absolute Change (Per cent)
	Hours in thousands	Per Cent of Average	Hours in thousands	Per Cent of Average		Hours in thousands	
Manufacturing	61,830	100.0	60,761	100.0	-1.7	-1,069	100.0
Food manufacturing	11,018	17.8	20,787	34.2	88.7	9,769	-914.0
Beverage and tobacco product manufacturing	1,086	1.8	1,425	2.3	31.2	339	-31.7
Textile and textile product mills	3,604	5.8	476	0.78	-86.8	-3,128	292.6
Clothing and leather and allied product manufacturing	608	1.0	254	0.42	-58.2	-354	33.1
Wood product manufacturing	14,104	22.8	10,898	17.9	-22.7	-3,205	299.9
Paper manufacturing	10,724	17.3	5,933	9.8	-44.7	-4,791	448.2
Printing and related support activities	1,150	1.9	557	0.92	-51.5	-592	55.4
Petroleum and coal product manufacturing	930	1.5	2,298	3.8	147.2	1,368	-128.0
Chemical manufacturing	427	0.69	958	1.6	124.2	531	-49.6
Plastics and rubber products manufacturing	2,498	4.0	2,787	4.6	11.6	289	-27.0
Non-metallic mineral product manufacturing	1,992	3.2	1,854	3.1	-6.9	-137	12.8
Primary metal manufacturing	506	0.82	631	1.0	24.8	125	-11.7
Fabricated metal product manufacturing	3,341	5.4	3,687	6.1	10.4	346	-32.4
Machinery manufacturing	2,882	4.7	2,383	3.9	-17.3	-500	46.8
Computer and electronic product manufacturing	241	0.39	687	1.1	185.6	446	-41.8
Electrical equipment manufacturing	192	0.31	92	0.15	-51.9	-100	9.3
Transportation equipment manufacturing	881	1.4	1,239	2.0	40.7	358	-33.5
Furniture and related product manufacturing	2,139	3.5	1,751	2.9	-18.1	-388	36.3
Miscellaneous manufacturing	3,509	5.7	2,063	3.4	-41.2	-1,446	135.3

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 28: HOURS WORKED FOR ALL JOBS FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR CANADA, IN 1997 AND 2004, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	1997		2004		Per Cent Change	Absolute Change	Contribution to Absolute Change (Per cent)
	Hours in thousands	Per Cent of Average	Hours in thousands	Per Cent of Average		Hours in thousands	
Manufacturing	3,795,006	100.0	3,865,425	100.0	1.9	70,419	100.0
Food manufacturing	397,300	10.5	407,019	10.5	2.4	9,719	13.8
Beverage and tobacco product manufacturing	59,193	1.6	59,345	1.5	0.26	152	0.2
Textile and textile product mills	90,983	2.4	82,170	2.1	-9.7	-8,813	-12.5
Clothing and leather and allied product manufacturing	198,086	5.2	153,844	4.0	-22.3	-44,243	-62.8
Wood product manufacturing	305,327	8.0	311,360	8.1	2.0	6,034	8.6
Paper manufacturing	205,560	5.4	177,912	4.6	-13.5	-27,648	-39.3
Printing and related support activities	153,513	4.0	166,163	4.3	8.2	12,650	18.0
Petroleum and coal product manufacturing	12,475	0.33	22,828	0.59	83.0	10,354	14.7
Chemical manufacturing	175,277	4.6	175,854	4.5	0.33	577	0.8
Plastics and rubber products manufacturing	211,101	5.6	251,737	6.5	19.2	40,636	57.7
Non-metallic mineral product manufacturing	94,016	2.5	107,432	2.8	14.3	13,416	19.1
Primary metal manufacturing	172,666	4.5	160,644	4.2	-7.0	-12,022	-17.1
Fabricated metal product manufacturing	290,891	7.7	361,087	9.3	24.1	70,195	99.7
Machinery manufacturing	303,457	8.0	306,011	7.9	0.84	2,554	3.63
Computer and electronic product manufacturing	229,992	6.1	199,708	5.2	-13.2	-30,283	-43.0
Electrical equipment manufacturing	97,238	2.6	86,766	2.2	-10.8	-10,471	-14.9
Transportation equipment manufacturing	513,666	13.5	486,656	12.6	-5.3	-27,010	-38.4
Furniture and related product manufacturing	174,289	4.6	221,490	5.7	27.1	47,201	67.0
Miscellaneous manufacturing	109,980	2.9	127,400	3.3	15.8	17,420	24.7

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 29: HOURS WORKED FOR ALL JOBS FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR CANADA, IN 2004 AND 2019, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	2004		2019		Per Cent Change	Absolute Change	Contribution to Absolute Change (Per cent)
	Hours in thousands	Per Cent of Average	Hours in thousands	Per Cent of Average		Hours in thousands	
Manufacturing	3,865,425	100.0	3,151,918	100.0	-18.5	-713,507	100.0
Food manufacturing	407,019	10.5	475,063	15.1	16.7	68,044	-9.5
Beverage and tobacco product manufacturing	59,345	1.5	83,886	2.7	41.4	24,542	-3.4
Textile and textile product mills	82,170	2.1	32,356	1.03	-60.6	-49,814	7.0
Clothing and leather and allied product manufacturing	153,844	4.0	44,482	1.4	-71.1	-109,362	15.3
Wood product manufacturing	311,360	8.1	181,440	5.8	-41.7	-129,921	18.2
Paper manufacturing	177,912	4.6	109,955	3.5	-38.2	-67,957	9.5
Printing and related support activities	166,163	4.3	88,365	2.8	-46.8	-77,798	10.9
Petroleum and coal product manufacturing	22,828	0.59	35,349	1.1	54.8	12,521	-1.8
Chemical manufacturing	175,854	4.5	172,763	5.5	-1.8	-3,091	0.4
Plastics and rubber products manufacturing	251,737	6.5	208,587	6.6	-17.1	-43,150	6.0
Non-metallic mineral product manufacturing	107,432	2.8	104,972	3.3	-2.3	-2,460	0.3
Primary metal manufacturing	160,644	4.2	123,304	3.9	-23.2	-37,340	5.2
Fabricated metal product manufacturing	361,087	9.3	331,291	10.5	-8.3	-29,796	4.2
Machinery manufacturing	306,011	7.9	289,475	9.2	-5.4	-16,536	2.3
Computer and electronic product manufacturing	199,708	5.2	105,928	3.4	-47.0	-93,781	13.1
Electrical equipment manufacturing	86,766	2.2	72,659	2.3	-16.3	-14,107	2.0
Transportation equipment manufacturing	486,656	12.6	434,440	13.8	-10.7	-52,217	7.3
Furniture and related product manufacturing	221,490	5.7	135,957	4.3	-38.6	-85,533	12.0
Miscellaneous manufacturing	127,400	3.3	121,650	3.9	-4.5	-5,751	0.8

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 30: LABOUR PRODUCTIVITY, CHAINED (2012) DOLLARS PER HOUR FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR NEW BRUNSWICK, IN 1997 AND 2004, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	1997		2004		Per Cent Change	Absolute Change	Absolute Change Hours Weighted*	Contribution to Absolute Change -Weighted (Per cent)
	Chained (2012) dollars per hour	Per Cent of Average	Chained (2012) dollars per hour	Per Cent of Average		Chained (2012) dollars per hour		
Manufacturing	44.4	100.0	59.0	100.0	32.9	14.6	14.6	100.0
Food manufacturing	38.6	86.9	45.1	76.4	16.8	6.5	1.30	8.9
Beverage and tobacco product manufacturing	103.9	234.0	139.4	236.3	34.2	35.5	0.57	3.9
Textile and textile product mills	27.9	62.8	36.6	62.0	31.2	8.7	0.36	2.4
Clothing and leather and allied product manufacturing	21.5	48.4	16.9	28.6	-21.4	-4.6	-0.05	-0.4
Wood product manufacturing	20.8	46.8	28.1	47.6	35.1	7.3	1.8	12.3
Paper manufacturing	62.7	141.2	94.6	160.3	50.9	31.9	5.1	34.7
Printing and related support activities	26.8	60.4	27.6	46.8	3.0	0.80	0.02	0.1
Petroleum and coal product manufacturing	1,334	3,005.2	761.1	1290.0	-43.0	-573.2	-7.3	-50.0
Chemical manufacturing	162.7	366.4	166.7	282.5	2.5	4.0	0.03	0.2
Plastics and rubber products manufacturing	31.9	71.8	38.4	65.1	20.4	6.5	0.21	1.5
Non-metallic mineral product manufacturing	47.5	107.0	41.8	70.8	-12.0	-5.7	-0.17	-1.2
Primary metal manufacturing	47.9	107.9	150.4	254.9	214.0	102.5	1.4	9.5
Fabricated metal product manufacturing	29.1	65.5	29.1	49.3	0.00	0.00	0.00	0.00
Machinery manufacturing	25.2	56.8	32.0	54.2	27.0	6.8	0.28	1.9
Computer and electronic product manufacturing	44.6	100.5	43.8	74.2	-1.8	-0.80	-0.01	-0.07
Electrical equipment manufacturing	16.9	38.1	32.9	55.8	94.7	16.0	0.08	0.6
Transportation equipment manufacturing	30.4	68.5	30.3	51.4	-0.3	-0.10	0.00	0.0
Furniture and related product manufacturing	25.0	56.3	24.9	42.2	-0.4	-0.10	0.00	-0.0
Miscellaneous manufacturing	34.1	76.8	61.5	104.2	80.4	27.4	1.26	8.6

Source: Statistics Canada, Table: 36-10-0480-01

*calculated by multiplying the absolute change by the average percentage of each industry's hours relative to manufacturing hours for the respective years.

APPENDIX TABLE 31: LABOUR PRODUCTIVITY, CHAINED (2012) DOLLARS PER HOUR FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR NEW BRUNSWICK, IN 2004 AND 2019, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	2004		2019		Per Cent Change	Absolute Change	Absolute Change Hours Weighted*	Contribution to Absolute Change - Weighted (Per cent)
	Chained (2012) dollars per hour	Per Cent of Average	Chained (2012) dollars per hour	Per Cent of Average		Chained (2012) dollars per hour		
Manufacturing	59.0	100.0	48.1	100.0	-18.5	-10.9	-10.9	100.0
Food manufacturing	45.1	76.4	32.7	68.0	-27.5	-12.4	-3.2	29.6
Beverage and tobacco product manufacturing	139.4	236.3	81.8	170.1	-41.3	-57.6	-1.2	10.8
Textile and textile product mills	36.6	62.0	27.1	56.3	-26.0	-9.5	-0.31	2.9
Clothing and leather and allied product manufacturing	16.9	28.6	18.6	38.7	10.1	1.7	0.01	-0.1
Wood product manufacturing	28.1	47.6	36.2	75.3	28.8	8.1	1.7	-15.1
Paper manufacturing	94.6	160.3	96.3	200.2	1.8	1.7	0.23	-2.1
Printing and related support activities	27.6	46.8	22.0	45.7	-20.3	-5.6	-0.08	0.7
Petroleum and coal product manufacturing	761.1	1,290.0	245.1	509.6	-67.8	-516.0	-13.6	125.1
Chemical manufacturing	166.7	282.5	41.9	87.1	-74.9	-124.8	-1.4	13.0
Plastics and rubber products manufacturing	38.4	65.1	57.0	118.5	48.4	18.6	0.80	-7.4
Non-metallic mineral product manufacturing	41.8	70.8	35.6	74.0	-14.8	-6.2	-0.19	1.8
Primary metal manufacturing	150.4	254.9	103.0	214.1	-31.5	-47.4	-0.44	4.0
Fabricated metal product manufacturing	29.1	49.3	37.8	78.6	29.9	8.7	0.50	-4.6
Machinery manufacturing	32.0	54.2	38.9	80.9	21.6	6.9	0.30	-2.7
Computer and electronic product manufacturing	43.8	74.2	44.2	91.9	0.9	0.4	0.00	0.0
Electrical equipment manufacturing	32.9	55.8	42.3	87.9	28.6	9.4	0.02	-0.2
Transportation equipment manufacturing	30.3	51.4	32.9	68.4	8.6	2.6	0.05	-0.4
Furniture and related product manufacturing	24.9	42.2	25.0	52.0	0.4	0.1	0.00	0.0
Miscellaneous manufacturing	61.5	104.2	20.0	41.6	-67.5	-41.5	-1.9	17.3

Source: Statistics Canada, Table: 36-10-0480-01

*calculated by multiplying the absolute change by the average percentage of each industry's hours relative to manufacturing hours for the respective years.

APPENDIX TABLE 32: LABOUR PRODUCTIVITY, CHAINED (2012) DOLLARS PER HOUR FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR CANADA, IN 1997 AND 2004, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	1997		2004		Per Cent Change	Absolute Change	Absolute Change Hours Weighted*	Contribution to Absolute Change -Weighted (Per cent)
	Chained (2012) dollars per hour	Per Cent of Average	Chained (2012) dollars per hour	Per Cent of Average		Chained (2012) dollars per hour		
Manufacturing	44.9	100.0	54.2	100.0	20.7	9.3	9.3	100.0
Food manufacturing	44.3	98.7	50.0	92.3	12.9	5.7	0.60	6.4
Beverage and tobacco product manufacturing	142.1	316.5	131.0	241.7	-7.8	-11.1	-0.17	-1.8
Textile and textile product mills	27.7	61.7	32.3	59.6	16.6	4.6	0.10	1.1
Clothing and leather and allied product manufacturing	18.8	41.9	19.5	36.0	3.7	0.70	0.03	0.4
Wood product manufacturing	21.0	46.8	29.0	53.5	38.1	8.0	0.64	6.9
Paper manufacturing	47.4	105.6	63.4	117.0	33.8	16.0	0.80	8.6
Printing and related support activities	35.9	80.0	39.8	73.4	10.9	3.9	0.16	1.7
Petroleum and coal product manufacturing	650.5	1,448.8	578.5	1,067.3	-11.1	-72.0	-0.33	-3.6
Chemical manufacturing	96.1	214.0	122.9	226.8	27.9	26.8	1.23	13.2
Plastics and rubber products manufacturing	36.1	80.4	42.2	77.9	16.9	6.1	0.37	4.0
Non-metallic mineral product manufacturing	49.9	111.1	61.6	113.7	23.4	11.7	0.31	3.3
Primary metal manufacturing	60.3	134.3	79.7	147.0	32.2	19.4	0.84	9.1
Fabricated metal product manufacturing	39.5	88.0	41.6	76.8	5.3	2.1	0.18	1.9
Machinery manufacturing	40.1	89.3	46.3	85.4	15.5	6.2	0.49	5.3
Computer and electronic product manufacturing	37.1	82.6	48.1	88.7	29.6	11.0	0.62	6.6
Electrical equipment manufacturing	40.7	90.6	47.3	87.3	16.2	6.6	0.16	1.7
Transportation equipment manufacturing	44.4	98.9	58.0	107.0	30.6	13.6	1.8	19.1
Furniture and related product manufacturing	27.3	60.8	31.7	58.5	16.1	4.4	0.23	2.4
Miscellaneous manufacturing	37.8	84.2	44.0	81.2	16.4	6.2	0.19	2.1

Source: Statistics Canada, Table: 36-10-0480-01

*calculated by multiplying the absolute change by the average percentage of each industry's hours relative to manufacturing hours for the respective years.

APPENDIX TABLE 33: LABOUR PRODUCTIVITY, CHAINED (2012) DOLLARS PER HOUR FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR CANADA, IN 2004 AND 2019, (PER CENT CHANGE, ABSOLUTE CHANGE, AND THE CONTRIBUTION TO ABSOLUTE CHANGE IN PER CENT)

Reference period	2004		2019		Per Cent Change	Absolute Change	Absolute Change Hours Weighted*	Contribution to Absolute Change -Weighted (Per cent)
	Chained (2012) dollars per hour	Per Cent of Average	Chained (2012) dollars per hour	Per Cent of Average		Chained (2012) dollars per hour		
Manufacturing	54.2	100.0	63.8	100.0	17.7	9.6	9.6	100.0
Food manufacturing	50.0	92.3	57.0	89.3	14.0	7.0	0.90	9.3
Beverage and tobacco product manufacturing	131.0	241.7	84.7	132.8	-35.3	-46.3	-0.97	-10.1
Textile and textile product mills	32.3	59.6	39.8	62.4	23.2	7.5	0.12	1.2
Clothing and leather and allied product manufacturing	19.5	36.0	34.2	53.6	75.4	14.7	0.40	4.1
Wood product manufacturing	29.0	53.5	48.6	76.2	67.6	19.6	1.35	14.1
Paper manufacturing	63.4	117.0	63.6	99.7	0.3	0.2	0.01	0.1
Printing and related support activities	39.8	73.4	52.4	82.1	31.7	12.6	0.45	4.7
Petroleum and coal product manufacturing	578.5	1,067	320.7	502.7	-44.6	-257.8	-2.2	-23.0
Chemical manufacturing	122.9	226.8	127.3	199.5	3.6	4.4	0.22	2.3
Plastics and rubber products manufacturing	42.2	77.9	52.4	82.1	24.2	10.2	0.67	7.0
Non-metallic mineral product manufacturing	61.6	113.7	71.5	112.1	16.1	9.9	0.30	3.2
Primary metal manufacturing	79.7	147.0	90.1	141.2	13.0	10.4	0.42	4.4
Fabricated metal product manufacturing	41.6	76.8	50.4	79.0	21.2	8.8	0.87	9.1
Machinery manufacturing	46.3	85.4	62.3	97.6	34.6	16.0	1.4	14.3
Computer and electronic product manufacturing	48.1	88.7	65.2	102.2	35.6	17.1	0.73	7.6
Electrical equipment manufacturing	47.3	87.3	59.2	92.8	25.2	11.9	0.27	2.8
Transportation equipment manufacturing	58.0	107.0	64.6	101.3	11.4	6.6	0.87	9.1
Furniture and related product manufacturing	31.7	58.5	40.2	63.0	26.8	8.5	0.43	4.4
Miscellaneous manufacturing	44.0	81.2	46.0	72.1	4.5	2.0	0.07	0.8

Source: Statistics Canada, Table: 36-10-0480-01

*calculated by multiplying the absolute change by the average percentage of each industry's hours relative to manufacturing hours for the respective years.

APPENDIX TABLE 34: CONTRIBUTION TO LABOUR PRODUCTIVITY GROWTH, CHAINED (2012 DOLLARS PER HOUR) FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES, FOR NEW BRUNSWICK, 1997-2004, (ABSOLUTE CHANGE)

New Brunswick, 1997-2004							
	Absolute Change (\$)	Average of Output Share (x100)	Average of Hours Share (x100)	Absolute Change Output Weighted	Contribution to Absolute Change Output Weighted (Per cent)	Absolute Change Hours Weighted	Contribution to Absolute Change Hours Weighted (Per cent)
Manufacturing	14.6	1.000	1.000	14.6	100.0	14.6	100.0
Food manufacturing	6.5	0.165	0.200	1.1	7.3	1.3	8.9
Beverage and tobacco product manufacturing	35.5	0.038	0.016	1.3	9.2	0.57	3.9
Textile and textile product mills	8.7	0.025	0.041	0.22	1.5	0.36	2.4
Clothing and leather and allied product manufacturing	-4.6	0.005	0.012	-0.02	-0.1	-0.05	-0.4
Wood product manufacturing	7.3	0.116	0.246	0.85	5.8	1.8	12.3
Paper manufacturing	31.9	0.240	0.159	7.7	52.5	5.1	34.7
Printing and related support activities	0.8	0.011	0.021	0.01	0.1	0.02	0.1
Petroleum and coal product manufacturing	-573.2	0.254	0.013	-145.3	-995.5	-7.3	-50.0
Chemical manufacturing	4.0	0.027	0.008	0.11	0.7	0.03	0.2
Plastics and rubber products manufacturing	6.5	0.022	0.033	0.15	1.0	0.21	1.5
Non-metallic mineral product manufacturing	-5.7	0.027	0.031	-0.15	-1.1	-0.17	-1.2
Primary metal manufacturing	102.5	0.021	0.014	2.1	14.5	1.4	9.5
Fabricated metal product manufacturing	0.00	0.027	0.048	0.00	0.00	0.00	0.00
Machinery manufacturing	6.8	0.022	0.041	0.15	1.05	0.28	1.9
Computer and electronic product manufacturing	-0.80	0.012	0.012	-0.01	-0.1	-0.01	-0.1
Electrical equipment manufacturing	16.0	0.002	0.005	0.04	0.2	0.08	0.6
Transportation equipment manufacturing	-0.10	0.016	0.025	0.00	0.0	0.00	0.0
Furniture and related product manufacturing	-0.10	0.014	0.030	0.00	0.0	0.00	0.0
Miscellaneous manufacturing	27.4	0.043	0.046	1.2	8.1	1.3	8.6

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 35: CONTRIBUTION TO LABOUR PRODUCTIVITY GROWTH, CHAINED (2012 DOLLARS PER HOUR) FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES, FOR NEW BRUNSWICK, 2004-2019 (ABSOLUTE CHANGE)

New Brunswick, 2004-2019							
	Absolute Change (\$)	Average of Output Share (x100)	Average of Hours Share (x100)	Absolute Change Output Weighted	Contribution to Absolute Change Output Weighted (Per cent)	Absolute Change Hours Weighted	Contribution to Absolute Change Hours Weighted (Per cent)
Manufacturing	-10.9	1.000	1.000	-10.9	100.0	-10.9	100.0
Food manufacturing	-12.4	0.184	0.260	-2.3	21.0	-3.2	29.6
Beverage and tobacco product manufacturing	-57.6	0.041	0.021	-2.3	21.5	-1.2	10.8
Textile and textile product mills	-9.5	0.020	0.033	-0.19	1.8	-0.31	2.9
Clothing and leather and allied product manufacturing	1.7	0.002	0.007	0.00	0.0	0.01	-0.1
Wood product manufacturing	8.1	0.122	0.204	0.99	-9.0	1.7	-15.1
Paper manufacturing	1.7	0.237	0.136	0.40	-3.7	0.23	-2.1
Printing and related support activities	-5.6	0.006	0.014	-0.04	0.3	-0.08	0.7
Petroleum and coal product manufacturing	-516.0	0.193	0.026	-99.7	914.9	-13.6	125.1
Chemical manufacturing	-124.8	0.017	0.011	-2.1	19.0	-1.4	13.0
Plastics and rubber products manufacturing	18.6	0.040	0.043	0.75	-6.9	0.80	-7.4
Non-metallic mineral product manufacturing	-6.2	0.023	0.031	-0.14	1.3	-0.19	1.8
Primary metal manufacturing	-47.4	0.022	0.009	-1.02	9.4	-0.44	4.0
Fabricated metal product manufacturing	8.7	0.037	0.057	0.32	-3.0	0.50	-4.6
Machinery manufacturing	6.9	0.028	0.043	0.20	-1.8	0.30	-2.7
Computer and electronic product manufacturing	0.4	0.007	0.008	0.0	0.0	0.0	0.0
Electrical equipment manufacturing	9.4	0.002	0.002	0.0	-0.1	0.0	-0.2
Transportation equipment manufacturing	2.6	0.011	0.017	0.0	-0.3	0.0	-0.4
Furniture and related product manufacturing	0.1	0.015	0.032	0.0	0.0	0.0	0.0
Miscellaneous manufacturing	-41.5	0.037	0.045	-1.5	14.0	-1.9	17.3

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 36: CONTRIBUTION TO LABOUR PRODUCTIVITY GROWTH, CHAINED (2012 DOLLARS PER HOUR) FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES, FOR NEW BRUNSWICK, 1997-2004, (PER CENT CHANGE)

New Brunswick, 1997-2004							
	Per Cent Change	Average of Output Share (x100)	Average of Hours Share (x100)	Per Cent Change Output Weighted	Contribution to Per Cent Change Output Weighted (Per cent)	Per Cent Change Hours Weighted	Contribution to Per Cent Change Hours Weighted (Per cent)
Manufacturing	32.9	1.000	1.000	32.9	100.0	32.9	100.0
Food manufacturing	16.8	0.165	0.200	2.8	8.4	3.4	10.3
Beverage and tobacco product manufacturing	34.2	0.038	0.016	1.3	3.9	0.55	1.7
Textile and textile product mills	31.2	0.025	0.041	0.79	2.4	1.3	3.9
Clothing and leather and allied product manufacturing	-21.4	0.005	0.012	-0.10	-0.3	-0.25	-0.8
Wood product manufacturing	35.1	0.116	0.246	4.1	12.4	8.6	26.3
Paper manufacturing	50.9	0.240	0.159	12.2	37.2	8.1	24.6
Printing and related support activities	3.0	0.011	0.021	0.03	0.10	0.06	0.2
Petroleum and coal product manufacturing	-43.0	0.254	0.013	-10.9	-33.1	-0.55	-1.7
Chemical manufacturing	2.5	0.027	0.008	0.07	0.2	0.02	0.1
Plastics and rubber products manufacturing	20.4	0.022	0.033	0.46	1.4	0.67	2.1
Non-metallic mineral product manufacturing	-12.0	0.027	0.031	-0.32	-1.0	-0.37	-1.1
Primary metal manufacturing	214.0	0.021	0.014	4.4	13.5	2.9	8.8
Fabricated metal product manufacturing	0.00	0.027	0.048	0.00	0.00	0.00	0.00
Machinery manufacturing	27.0	0.022	0.041	0.61	1.8	1.1	3.3
Computer and electronic product manufacturing	-1.8	0.012	0.012	-0.02	-0.1	-0.02	-0.1
Electrical equipment manufacturing	94.7	0.002	0.005	0.21	0.6	0.49	1.5
Transportation equipment manufacturing	-0.33	0.016	0.025	-0.01	0.0	-0.01	0.0
Furniture and related product manufacturing	-0.40	0.014	0.030	-0.01	0.0	-0.01	0.0
Miscellaneous manufacturing	80.4	0.043	0.046	3.5	10.5	3.7	11.2

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 37: CONTRIBUTION TO LABOUR PRODUCTIVITY GROWTH, CHAINED (2012 DOLLARS PER HOUR) FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES, FOR NEW BRUNSWICK, 2004-2019, (PER CENT CHANGE)

New Brunswick, 2004-2019							
	Per Cent Change	Average of Output Share (x100)	Average of Hours Share (x100)	Per Cent Change Output Weighted	Contribution to Per Cent Change Output Weighted (Per cent)	Per Cent Change Hours Weighted	Contribution to Per Cent Change Hours Weighted (Per cent)
Manufacturing	-18.5	1.000	1.000	-18.5	100.0	-18.5	100.0
Food manufacturing	-27.5	0.184	0.260	-5.1	27.4	-7.2	38.7
Beverage and tobacco product manufacturing	-41.3	0.041	0.021	-1.7	9.1	-0.85	4.6
Textile and textile product mills	-26.0	0.020	0.033	-0.53	2.9	-0.86	4.6
Clothing and leather and allied product manufacturing	10.1	0.002	0.007	0.02	-0.1	0.07	-0.4
Wood product manufacturing	28.8	0.122	0.204	3.5	-19.0	5.9	-31.8
Paper manufacturing	1.8	0.237	0.136	0.43	-2.3	0.24	-1.3
Printing and related support activities	-20.3	0.006	0.014	-0.13	0.7	-0.28	1.5
Petroleum and coal product manufacturing	-67.8	0.193	0.026	-13.1	70.9	-1.8	9.7
Chemical manufacturing	-74.9	0.017	0.011	-1.2	6.7	-0.85	4.6
Plastics and rubber products manufacturing	48.4	0.040	0.043	2.0	-10.6	2.1	-11.3
Non-metallic mineral product manufacturing	-14.8	0.023	0.031	-0.34	1.8	-0.47	2.5
Primary metal manufacturing	-31.5	0.022	0.009	-0.68	3.7	-0.29	1.6
Fabricated metal product manufacturing	29.9	0.037	0.057	1.1	-6.0	1.7	-9.3
Machinery manufacturing	21.6	0.028	0.043	0.61	-3.3	0.93	-5.0
Computer and electronic product manufacturing	0.91	0.007	0.008	0.01	0.0	0.01	0.0
Electrical equipment manufacturing	28.6	0.002	0.002	0.04	-0.2	0.07	-0.4
Transportation equipment manufacturing	8.6	0.011	0.017	0.09	-0.5	0.15	-0.8
Furniture and related product manufacturing	0.40	0.015	0.032	0.01	0.0	0.01	-0.1
Miscellaneous manufacturing	-67.5	0.037	0.045	-2.5	13.4	-3.1	16.6

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 38: CONTRIBUTION TO LABOUR PRODUCTIVITY GROWTH, CHAINED (2012 DOLLARS PER HOUR) FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES, FOR NEW BRUNSWICK, BETWEEN PERIODS (1997-2004 AND 2004-2019), (ABSOLUTE CHANGE)

New Brunswick, Between 1997-2004 and 2004-2019							
	Absolute Change (\$ (1))	Average of Output Share* (x100) (2)	Average of Hours Share* (x100) (3)	Absolute Change Output Weighted (4)	Contribution to Absolute Change Output Weighted (Per cent) (5)	Absolute Change Hours Weighted (6)	Contribution to Absolute Change Hours Weighted (Per cent) (7)
Manufacturing	-25.5	1.0	1.0	-25.5	100.0	-25.5	100.0
Food manufacturing	-18.9	0.213	0.282	-4.0	15.8	-5.3	20.9
Beverage and tobacco product manufacturing	-93.1	0.037	0.019	-3.5	13.5	-1.8	7.0
Textile and textile product mills	-18.2	0.010	0.016	-0.17	0.7	-0.28	1.1
Clothing and leather and allied product manufacturing	6.3	0.004	0.009	0.03	-0.1	0.05	-0.2
Wood product manufacturing	0.80	0.129	0.222	0.10	-0.4	0.18	-0.7
Paper manufacturing	-30.2	0.199	0.121	-6.0	23.6	-3.6	14.3
Printing and related support activities	-6.4	0.009	0.016	-0.06	0.22	-0.10	0.4
Petroleum and coal product manufacturing	57.2	0.253	0.024	14.5	-56.7	1.4	-5.4
Chemical manufacturing	-128.8	0.024	0.013	-3.1	12.1	-1.6	6.3
Plastics and rubber products manufacturing	12.1	0.036	0.036	0.44	-1.7	0.43	-1.7
Non-metallic mineral product manufacturing	-0.5	0.027	0.030	-0.01	0.1	-0.01	0.1
Primary metal manufacturing	-149.9	0.021	0.015	-3.2	12.6	-2.2	8.6
Fabricated metal product manufacturing	8.7	0.038	0.051	0.33	-1.3	0.45	-1.8
Machinery manufacturing	0.10	0.026	0.037	0.00	-0.0	0.00	0.0
Computer and electronic product manufacturing	1.2	0.016	0.016	0.02	-0.1	0.02	-0.1
Electrical equipment manufacturing	-6.6	0.002	0.004	-0.01	0.1	-0.03	0.1
Transportation equipment manufacturing	2.7	0.019	0.028	0.05	-0.2	0.08	-0.3
Furniture and related product manufacturing	0.20	0.015	0.027	0.00	0.0	0.01	0.0
Miscellaneous manufacturing	-68.9	0.021	0.035	-1.4	5.5	-2.4	9.3

Source: Statistics Canada, Table: 36-10-0480-01

(4) = (1) * (2); (5) = $\frac{(4)}{(-25.5)}$; (6) = (1) * (3); and (7) = $\frac{(6)}{(-25.5)}$; *Based on the years 1997 and 2019

APPENDIX TABLE 39: CONTRIBUTION TO LABOUR PRODUCTIVITY GROWTH, CHAINED (2012 DOLLARS PER HOUR) FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES, FOR NEW BRUNSWICK, BETWEEN PERIODS (1997-2004 AND 2004-2019), (PER CENT CHANGE)

New Brunswick, Between 1997-2004 and 2004-2019							
	Per Cent Change (1)	Average of Output Share* (x100) (2)	Average of Hours Share* (x100) (3)	Per Cent Change Output Weighted (4)	Contribution to Per Cent Change Output Weighted (Per cent) (5)	Per Cent Change Hours Weighted (6)	Contribution to Per Cent Change Hours Weighted (Per cent) (7)
Manufacturing	-51.4	1.0	1.0	-51.4	100.0	-51.4	100.0
Food manufacturing	-44.3	0.213	0.282	-9.4	18.4	-12.5	24.4
Beverage and tobacco product manufacturing	-75.5	0.037	0.019	-2.8	5.5	-1.4	2.8
Textile and textile product mills	-57.1	0.010	0.016	-0.54	1.1	-0.89	1.7
Clothing and leather and allied product manufacturing	31.5	0.004	0.009	0.13	-0.3	0.27	-0.5
Wood product manufacturing	-6.3	0.129	0.222	-0.81	1.6	-1.4	2.7
Paper manufacturing	-49.1	0.199	0.121	-9.8	19.0	-5.9	11.5
Printing and related support activities	-23.3	0.009	0.016	-0.21	0.4	-0.37	0.7
Petroleum and coal product manufacturing	-24.8	0.253	0.024	-6.3	12.2	-0.60	1.2
Chemical manufacturing	-77.3	0.024	0.013	-1.9	3.6	-0.97	1.9
Plastics and rubber products manufacturing	28.1	0.036	0.036	1.0	-2.0	1.00	-2.0
Non-metallic mineral product manufacturing	-2.8	0.027	0.030	-0.08	0.2	-0.08	0.2
Primary metal manufacturing	-245.5	0.021	0.015	-5.2	10.2	-3.6	7.0
Fabricated metal product manufacturing	29.9	0.038	0.051	1.1	-2.2	1.5	-3.0
Machinery manufacturing	-5.4	0.026	0.037	-0.14	0.3	-0.20	0.4
Computer and electronic product manufacturing	2.7	0.016	0.016	0.04	-0.1	0.04	-0.1
Electrical equipment manufacturing	-66.1	0.002	0.004	-0.13	0.3	-0.29	0.6
Transportation equipment manufacturing	8.9	0.019	0.028	0.17	-0.3	0.25	-0.5
Furniture and related product manufacturing	0.80	0.015	0.027	0.01	0.0	0.02	0.0
Miscellaneous manufacturing	-147.8	0.021	0.035	-3.0	5.9	-5.1	9.9

Source: Statistics Canada, Table: 36-10-0480-01

(4) = (1) * (2); (5) = $\frac{(4)}{(-51.4)}$; (6) = (1) * (3); and (7) = $\frac{(6)}{(-51.4)}$; * Based on the years 1997 and 2019

APPENDIX TABLE 40: LABOUR PRODUCTIVITY, CHAINED (2012 DOLLARS), FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES FOR NEW BRUNSWICK, 1997-2019, (CHANGE IN THE COMPOUND ANNUAL GROWTH RATE AND CONTRIBUTION TO COMPOUND ANNUAL GROWTH RATE HOURS WEIGHTED BETWEEN 1997-2004 AND 2004-2019)

New Brunswick, 1997-2019				
	Change in the Annual Compound Growth Rate (2004-2019) - (1997-2004) (1)	Average of the Hours Share , 1997 and 2019 (x100) (2)	Annual Growth Hours Weighted (3)	Contribution to Compound Annual Growth Rate Hours Weighted (4)
Manufacturing	-5.5	1.00	-5.5	100.0
Food manufacturing	-4.4	0.282	-1.2	22.4
Beverage and tobacco product manufacturing	-7.8	0.019	-0.15	2.7
Textile and textile product mills	-5.9	0.016	-0.09	1.7
Clothing and leather and allied product manufacturing	4.0	0.009	0.04	-0.6
Wood product manufacturing	-2.7	0.222	-0.60	10.9
Paper manufacturing	-5.9	0.121	-0.72	13.0
Printing and related support activities	-1.9	0.016	-0.03	0.55
Petroleum and coal product manufacturing	0.43	0.024	0.01	-0.2
Chemical manufacturing	-9.1	0.013	-0.11	2.1
Plastics and rubber products manufacturing	-0.02	0.036	0.00	0.01
Non-metallic mineral product manufacturing	0.74	0.030	0.02	-0.4
Primary metal manufacturing	-20.2	0.015	-0.30	5.4
Fabricated metal product manufacturing	1.8	0.051	0.09	-1.6
Machinery manufacturing	-2.2	0.037	-0.08	1.5
Computer and electronic product manufacturing	0.32	0.016	0.01	-0.1
Electrical equipment manufacturing	-8.3	0.004	-0.04	0.7
Transportation equipment manufacturing	0.60	0.028	0.02	-0.3
Furniture and related product manufacturing	0.08	0.027	0.00	0.0
Miscellaneous manufacturing	-16.0	0.035	-0.55	10.1

Source: Statistics Canada, Table: 36-10-0480-01; (3) = (1) * (2); (4) = $\frac{(3)}{(-5.5)}$

APPENDIX TABLE 41: LABOUR PRODUCTIVITY, CHAINED (2012 DOLLARS) PER HOUR FOR MANUFACTURING AND ITS THREE-DIGIT INDUSTRIES, FOR NEW BRUNSWICK, 1997-2019, (CHANGE IN THE COMPOUND ANNUAL GROWTH RATE AND CONTRIBUTION TO COMPOUND ANNUAL GROWTH RATE OUTPUT WEIGHTED BETWEEN 1997-2004 AND 2004-2019)

New Brunswick, 1997-2019				
	Change in the Compound Annual Growth Rate (2004-2019) - (2004-1997) (1)	Average of the Output Share , 1997 and 2019 (x100) (2)	Compound Annual Growth Rate Output Weighted (3)	Contribution to Compound Annual Growth Rate Output Weighted (4)
Manufacturing	-5.5	1.00	-5.5	100
Food manufacturing	-4.4	0.213	-0.93	16.9
Beverage and tobacco product manufacturing	-7.8	0.037	-0.29	5.2
Textile and textile product mills	-5.9	0.010	-0.06	1.0
Clothing and leather and allied product manufacturing	4.0	0.004	0.02	-0.3
Wood product manufacturing	-2.7	0.129	-0.35	6.3
Paper manufacturing	-5.9	0.199	-1.2	21.5
Printing and related support activities	-1.9	0.009	-0.02	0.3
Petroleum and coal product manufacturing	0.43	0.253	0.11	-2.0
Chemical manufacturing	-9.1	0.024	-0.22	4.0
Plastics and rubber products manufacturing	-0.02	0.036	0.00	0.0
Non-metallic mineral product manufacturing	0.74	0.027	0.02	-0.4
Primary metal manufacturing	-20.2	0.021	-0.43	7.9
Fabricated metal product manufacturing	1.8	0.038	0.07	-1.2
Machinery manufacturing	-2.2	0.026	-0.06	1.0
Computer and electronic product manufacturing	0.32	0.016	0.00	-0.1
Electrical equipment manufacturing	-8.3	0.002	-0.02	0.3
Transportation equipment manufacturing	0.60	0.019	0.01	-0.2
Furniture and related product manufacturing	0.08	0.015	0.00	0.0
Miscellaneous manufacturing	-16.0	0.021	-0.33	6.0

Source: Statistics Canada, Table: 36-10-0480-01; (3) = (1) * (2); (4) = $\frac{(3)}{(-5.5)}$

APPENDIX TABLE 42: MULTIFACTOR PRODUCTIVITY AND RELATED VARIABLES IN THE MANUFACTURING SECTOR FOR NEW BRUNSWICK, 1997-2018

New Brunswick									
Reference period	Multifactor productivity	Labour productivity	Capital productivity	Real gross domestic product	Labour input	Hours worked (x 1,000,000)	Labour composition	Capital input	Combined labour and capital inputs
	Index, 2012=100					Hours	Index, 2012=100		
1997	115.823	92.789	131.818	90.524	87.208	59.859	89.389	68.674	78.158
1998	117.415	98.095	132.491	97.786	92.241	61.163	92.532	73.806	83.282
1999	114.524	99.603	122.928	102.752	94.543	63.296	91.646	83.587	89.721
2000	113.987	105.426	116.967	108.25	94.962	63.000	92.485	92.547	94.967
2001	118.589	111.045	120.974	106.582	89.234	58.891	92.971	88.103	89.874
2002	129.541	116.521	140.093	118.212	96.817	62.247	95.432	84.381	91.255
2003	134.812	120.178	148.465	124.762	100.099	63.697	96.421	84.034	92.545
2004	135.846	122.65	147.034	125.427	98.158	62.746	95.984	85.305	92.331
2005	118.469	110.963	124.662	114.766	100.362	63.46	97.036	92.062	96.875
2006	110.497	107.223	111.835	108.96	98.931	62.351	97.353	97.429	98.610
2007	102.213	103.642	100.602	104.623	100.622	61.938	99.679	103.997	102.358
2008	98.776	102.36	93.64	98.648	95.787	59.132	99.391	105.349	99.871
2009	98.208	102.373	94.082	97.963	96.342	58.714	100.679	104.124	99.750
2010	104.533	109.011	99.807	103.219	95.132	58.096	100.470	103.418	98.743
2011	105.779	110.625	98.358	102.708	91.558	56.966	98.615	104.423	97.097
2012	100	100	100	100	100	61.357	100	100	100
2013	104.996	104.195	107.315	104.081	100.744	61.290	100.854	96.987	99.129
2014	100.301	96.307	107.192	99.791	104.196	63.576	100.559	93.095	99.491
2015	103.244	101.167	109.184	102.028	102.759	61.879	101.892	93.446	98.822
2016	106.832	104.902	112.659	102.806	99.858	60.131	101.893	91.254	96.232
2017	106.644	104.526	113.827	104.350	102.444	61.253	102.616	91.674	97.849
2018	102.471	102.172	107.178	99.754	100.452	59.904	102.887	93.073	97.348
Compound Annual Growth Rate									
1997-2018	-0.58	0.46	-0.98	0.46	0.68	0.00	0.67	1.46	1.05
1997-2000	-0.53	4.35	-3.91	6.14	2.88	1.72	1.14	10.46	6.71
1997-2004	2.30	4.07	1.57	4.77	1.70	0.68	1.02	3.15	2.41
2004-2018	-1.99	-1.30	-2.23	-1.62	0.17	-0.33	0.50	0.62	0.38
2000-2008	-1.77	-0.37	-2.74	-1.15	0.11	-0.79	0.90	1.63	0.63
2008-2018	0.37	-0.02	1.36	0.11	0.48	0.13	0.35	-1.23	-0.26
2008-2014	0.26	-1.01	2.28	0.19	1.41	1.22	0.19	-2.04	-0.06
2014-2018	0.54	1.49	0.00	-0.01	-0.91	-1.48	0.57	-0.01	-0.54

Source: Statistics Canada, Table: 36-10-0211-01

New Brunswick					
Reference period	Gross domestic product (GDP)	Labour compensation	Capital cost	Contribution of capital intensity to labour productivity growth	Contribution of labour composition to labour productivity growth
	Millions of Dollars			Index, 2012=100	
1997	2,087.45	1,103.80	922.391	84.949	94.307
1998	2,302.55	1,168.61	1,045.27	86.962	96.071
1999	2,483.51	1,231.82	1,368.09	90.966	95.609
2000	2,869.57	1,261.77	1,539.31	96.330	96.013
2001	2,861.18	1,226.22	1,459.60	97.295	96.241
2002	2,662.83	1,286.17	1,393.68	92.326	97.426
2003	2,889.19	1,373.64	1,430.00	91.044	97.914
2004	3,072.83	1,414.05	1,347.99	92.419	97.691
2005	2,857.64	1,444.42	1,272.77	95.334	98.249
2006	2,710.17	1,431.62	1,106.09	98.591	98.424
2007	2,923.29	1,457.33	1,000.45	101.623	99.778
2008	2,668.38	1,478.97	929.632	104.040	99.604
2009	2,531.86	1,424.01	1,002.52	103.849	100.377
2010	2,787.11	1,473.64	1,154.79	104.016	100.258
2011	2,872.72	1,485.12	1,247.78	105.391	99.231
2012	2,909.11	1,552.24	1,204.52	100	100
2013	2,944.33	1,588.94	1,119.80	98.753	100.49
2014	2,812.54	1,702.18	1,096.68	95.717	100.314
2015	3,277.50	1,674.61	1,199.54	96.918	101.104
2016	3,119.39	1,655.32	1,268.00	97.121	101.105
2017	..	1,728.88	1,226.06	96.549	101.517
2018	..	1,763.22	1,271.12	98.067	101.673
Compound Annual Growth Rate					
1997-2018	2.14*	2.26	1.54	0.69	0.36
1997-2000	11.2	4.56	18.6	4.28	0.60
1997-2004	2.41	3.60	5.57	1.21	0.50
2004-2018	0.38*	1.59	-0.42	0.42	0.29
2000-2008	-0.90	2.01	-6.11	0.97	0.46
2008-2018	1.97*	1.77	3.18	-0.59	0.21
2008-2014	0.88	2.37	2.79	-1.38	0.12
2014-2018	5.31*	0.88	3.76	0.61	0.34

Source: Statistics Canada, Table: 36-10-0211-01; *It is the Compound Annual Growth Rate until 2016

APPENDIX TABLE 43: MULTIFACTOR PRODUCTIVITY AND RELATED VARIABLES IN THE MANUFACTURING SECTOR FOR CANADA, 1997-2018

Canada									
Reference period	Multifactor productivity	Labour productivity	Capital productivity	Real gross domestic product	Labour input	Hours worked (x 1,000,000)	Labour composition	Capital input	Combined labour and capital inputs
	Index, 2012=100					Hours	Index, 2012=100		
1997	87.983	75.405	101.657	93.267	115.503	3,771.28	93.383	91.747	106.006
1998	90.176	78.546	102.287	98.232	117.261	3,813.22	93.761	96.035	108.934
1999	95.321	83.896	106.698	106.823	119.514	3,882.27	93.863	100.117	112.067
2000	101.432	90.062	112.978	116.985	122.548	3,960.53	94.344	103.547	115.334
2001	98.696	88.537	109.111	112.319	120.261	3,868.05	94.797	102.94	113.802
2002	100.247	89.895	112.068	113.489	120.582	3,849.28	95.513	101.267	113.209
2003	98.372	88.874	110.280	112.432	121.973	3,857.27	96.415	101.952	114.293
2004	99.885	90.385	112.166	114.637	122.621	3,867.14	96.68	102.203	114.769
2005	101.592	93.509	112.227	116.537	121.284	3,799.91	97.318	103.840	114.711
2006	101.421	95.320	109.952	114.901	118.38	3,675.36	98.206	104.501	113.292
2007	99.178	94.900	105.238	111.361	115.84	3,577.89	98.718	105.818	112.284
2008	97.872	96.299	98.718	105.409	108.068	3,337.49	98.728	106.778	107.701
2009	91.605	93.042	88.530	90.871	97.249	2,977.87	99.573	102.644	99.199
2010	95.423	96.341	94.129	95.258	99.014	3,014.77	100.14	101.199	99.827
2011	98.073	98.69	97.316	98.563	100.032	3,045.09	100.162	101.282	100.500
2012	100	100	100	100	100	3,049.03	100	100	100
2013	100.749	101.293	100.681	99.673	98.892	3,000.25	100.5	98.999	98.932
2014	103.889	104.778	103.147	102.635	98.371	2,986.67	100.425	99.504	98.793
2015	103.824	104.359	104.073	103.215	99.561	3,015.59	100.665	99.176	99.413
2016	104.262	104.351	105.908	103.205	99.948	3,015.55	101.058	97.448	98.987
2017	107.406	106.939	110.035	107.010	101.124	3,051.04	101.057	97.250	99.631
2018	108.729	107.933	112.522	109.702	103.022	3,098.99	101.361	97.494	100.895
	Compound Annual Growth Rate								
1997-2018	1.01	1.72	0.48	0.78	-0.54	-0.93	0.39	0.29	-0.24
1997-2000	4.86	6.10	3.58	7.85	1.99	1.65	0.34	4.12	2.85
1997-2004	1.83	2.62	1.42	2.99	0.86	0.36	0.50	1.55	1.14
2004-2018	0.61	1.28	0.02	-0.31	-1.24	-1.57	0.34	-0.34	-0.92
2000-2008	-0.45	0.84	-1.67	-1.29	-1.56	-2.12	0.57	0.38	-0.85
2008-2018	1.06	1.15	1.32	0.40	-0.48	-0.74	0.26	-0.91	-0.65
2008-2014	1.00	1.42	0.73	-0.44	-1.55	-1.83	0.28	-1.17	-1.43
2014-2018	1.14	0.74	2.20	1.68	1.16	0.93	0.23	-0.51	0.53

Source: Statistics Canada, Table: 36-10-0208-01

Canada					
Reference period	Gross domestic product (GDP)	Labour compensation	Capital cost	Contribution of capital intensity to labour productivity growth	Contribution of labour composition to labour productivity growth
	Millions of Dollars			Index, 2012=100	
1997	145,433.57	85,098.77	55,033.99	89.341	95.929
1998	154,065.13	89,899.86	60,402.33	90.579	96.163
1999	175,188.81	94,594.31	69,467.85	91.468	96.225
2000	192,293.46	101,849.63	76,018.29	92.003	96.507
2001	185,029.99	102,363.89	73,251.30	92.696	96.775
2002	188,265.55	104,334.52	73,082.50	92.254	97.202
2003	185,614.49	106,589.32	73,614.04	92.431	97.743
2004	191,444.06	111,128.70	72,446.65	92.427	97.903
2005	189,963.09	113,982.17	71,091.63	93.638	98.297
2006	189,173.91	114,813.72	72,369.50	95.081	98.848
2007	187,768.74	116,473.81	65,213.13	96.488	99.170
2008	175,816.26	111,865.59	59,965.97	99.209	99.177
2009	158,071.27	102,314.20	56,460.60	101.848	99.726
2010	167,030.02	103,247.57	60,765.67	100.874	100.087
2011	176,585.71	106,942.74	64,323.21	100.528	100.101
2012	183,059.96	110,394.34	66,373.62	100	100
2013	182,366.95	111,578.89	66,470.84	100.227	100.313
2014	188,010.46	114,701.16	68,638.51	100.589	100.266
2015	198,519.08	117,883.42	71,809.91	100.100	100.415
2016	201,057.85	117,356.46	73,070.98	99.432	100.657
2017	..	121,582.94	72,757.43	98.916	100.657
2018	..	126,062.66	74,159.85	98.435	100.847
Compound Annual Growth Rate					
1997-2018	1.72*	1.89	1.43	0.46	0.24
1997-2000	9.76	6.17	11.4	0.98	0.20
1997-2004	4.00	3.89	4.01	0.49	0.29
2004-2018	0.41*	0.90	0.17	0.45	0.21
2000-2008	-1.11	1.18	-2.92	0.95	0.34
2008-2018	1.69*	1.20	2.15	-0.08	0.17
2008-2014	1.12	0.42	2.28	0.23	0.18
2014-2018	3.41*	2.39	1.95	-0.54	0.14

Source: Statistics Canada, Table: 36-10-0208-01

*It is the Compound Annual Growth Rate until 2016

APPENDIX TABLE 44: MULTIFACTOR PRODUCTIVITY AND RELATED VARIABLES FOR MANUFACTURING IN CANADA AND IN NEW BRUNSWICK, 1997-2018 AND SUB-PERIODS (COMPOUND ANNUAL GROWTH RATE)

		Labour Productivity	Capital Input	Hours	Capital Deepening	Contribution of Capital Intensity to Labour Productivity Growth (Percentage Points)	Labour Composition	Contribution of Labour Composition to Labour Productivity Growth (Percentage Points)	Total Factor Productivity
1997-2018	Canada	1.71	0.29	-0.93	1.22	0.46	0.39	0.24	1.01
	New Brunswick	0.46	1.46	0.00	1.45	0.69	0.67	0.36	-0.58
1997-2000	Canada	6.04	4.12	1.65	2.47	0.98	0.34	0.20	4.86
	New Brunswick	4.35	10.5	1.72	8.74	4.28	1.14	0.60	-0.53
1997-2004	Canada	2.61	1.55	0.36	1.19	0.49	0.50	0.29	1.83
	New Brunswick	4.02	3.15	0.68	2.47	1.21	1.02	0.50	2.30
2004-2018	Canada	1.27	-0.34	-1.57	1.23	0.45	0.34	0.21	0.61
	New Brunswick	-1.28	0.62	-0.33	0.95	0.42	0.50	0.29	-1.99
2000-2008	Canada	0.84	0.38	-2.12	2.50	0.95	0.57	0.34	-0.45
	New Brunswick	-0.35	1.63	-0.79	2.42	0.97	0.90	0.46	-1.77
2008-2018	Canada	1.15	-0.91	-0.74	-0.17	-0.08	0.26	0.17	1.06
	New Brunswick	-0.02	-1.23	0.13	-1.36	-0.59	0.35	0.21	0.37
2008-2014	Canada	1.41	-1.17	-1.83	0.66	0.23	0.28	0.18	1.00
	New Brunswick	-1.01	-2.04	1.22	-3.25	-1.38	0.19	0.12	0.26
2014-2018	Canada	0.75	-0.51	0.93	-1.44	-0.54	0.23	0.14	1.14
	New Brunswick	1.48	-0.01	-1.48	1.47	0.61	0.57	0.34	0.54

Source: Statistics Canada, Tables: 36-10-0211-01 and 36-10-0208-01

Note: In order to find the capital share, we divide the percentage points growth of the contribution of capital intensity to labour productivity growth by the per cent per year growth of capital deepening: for Canada over the 1997-2018 period: $0.46/1.22=0.38$ per cent; for New Brunswick over the same period: $0.69/1.45=0.48$ per cent. Therefore, the labour share for Canada over this period is: $1-0.38=0.62$ per cent and for New Brunswick: $1-0.48=0.52$ per cent.

APPENDIX TABLE 45:A COMPARISON OF SUB-SECTOR CONTRIBUTIONS TO LABOUR PRODUCTIVITY (2012 DOLLARS) IN MANUFACTURING IN NEW BRUNSWICK BETWEEN 1997-2004 AND 2004-2019, DECOMPOSED INTO WITHIN-SECTOR, REALLOCATION LEVEL EFFECT, AND REALLOCATION GROWTH EFFECT

Contribution to Manufacturing Labour Productivity (Output per Hour in 2012 dollars) by Sub-Sector													
	1997-2004				2004-2019				Difference Between Periods				Per Cent Contribution to the Slowdown in Labour Productivity
	Within-Sector Effect	Reallocation Level Effect	Reallocation Growth Effect	Total	Within-Sector Effect	Reallocation Level Effect	Reallocation Growth Effect	Total	Within-Sector Effect	Reallocation Level Effect	Reallocation Growth Effect	Total	
Food manufacturing	1.4	0.26	0.36	2.1	-2.2	-2.3	-0.25	-4.7	-3.7	-2.5	-0.61	-6.8	33.2
Beverage and tobacco product manufacturing	0.52	0.17	0.06	0.75	-1.0	0.47	-0.27	-0.81	-1.5	0.3	-0.34	-1.6	7.7
Textile and textile product mills	0.20	-0.58	-0.21	-0.58	-0.55	1.1	-0.07	0.51	-0.8	1.7	0.14	1.1	-5.3
Clothing and leather and allied product manufacturing	-0.06	0.08	0.07	0.08	0.02	0.24	-0.07	0.18	0.1	0.2	-0.14	0.1	-0.49
Wood product manufacturing	1.9	0.86	0.27	3.1	1.8	1.5	-0.93	2.4	-0.1	0.6	-1.19	-0.6	3.1
Paper manufacturing	4.6	0.54	0.51	5.6	0.29	-2.7	-0.95	-3.4	-4.3	-3.2	-1.46	-9.0	44.0
Printing and related support activities	0.02	0.07	0.05	0.14	-0.10	0.30	-0.05	0.14	-0.1	0.2	-0.10	0.0	-0.01
Petroleum and coal product manufacturing	-6.0	5.9	-2.7	-2.7	-7.8	16.0	-11.5	-3.3	-1.8	10.1	-8.80	-0.5	2.6
Chemical manufacturing	0.04	-0.29	0.03	-0.23	-0.86	0.95	-1.01	-0.92	-0.9	1.2	-1.03	-0.7	3.4
Plastics and rubber products manufacturing	0.17	-0.18	-0.12	-0.14	0.75	-0.11	0.16	0.80	0.6	0.1	0.28	0.9	-4.6
Non-metallic mineral product manufacturing	-0.17	0.01	-0.06	-0.22	-0.20	0.03	-0.01	-0.18	0.0	0.0	0.05	0.0	-0.20
Primary metal manufacturing	1.9	-0.04	-0.95	0.96	-0.39	0.20	-0.08	-0.27	-2.3	0.2	0.87	-1.2	6.0
Fabricated metal product manufacturing	0.00	-0.18	-0.17	-0.36	0.47	-0.20	0.13	0.40	0.5	0.0	0.31	0.8	-3.7
Machinery manufacturing	0.24	-0.23	-0.09	-0.08	0.32	0.20	-0.13	0.39	0.1	0.4	-0.04	0.5	-2.3
Computer and electronic product manufacturing	-0.02	-0.00	0.26	0.24	0.00	-0.11	0.08	-0.03	0.0	-0.1	-0.17	-0.3	1.3
Electrical equipment manufacturing	0.12	0.11	-0.01	0.22	0.03	0.04	-0.03	0.04	-0.1	-0.1	-0.03	-0.2	0.90
Transportation equipment manufacturing	-0.00	0.31	0.32	0.63	0.04	-0.18	0.08	-0.06	0.0	-0.5	-0.24	-0.7	3.3
Furniture and related product manufacturing	-0.00	-0.18	-0.14	-0.32	0.00	0.20	-0.06	0.14	0.0	0.4	0.07	0.5	-2.2
Miscellaneous manufacturing	0.96	-0.22	0.28	1.0	-2.36	-0.06	0.70	-1.7	-3.3	0.2	0.42	-2.7	13.4
SUM TOTAL	5.9	6.4	-2.3	10.1	-11.7	15.6	-14.3	-10.3	-17.6	9.2	-12.0	-20.4	100.00

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 46: A COMPARISON OF SUB-SECTOR CONTRIBUTIONS TO LABOUR PRODUCTIVITY (2012 DOLLARS) IN MANUFACTURING IN CANADA BETWEEN 1997-2004 AND 2004-2019, DECOMPOSED INTO WITHIN-SECTOR, REALLOCATION LEVEL EFFECT, AND REALLOCATION GROWTH EFFECT

Contribution to Manufacturing Labour Productivity (Output per Hour in 2012 Dollars) by Sub-Sector													
	1997-2004				2004-2019				Difference Between Periods				Per Cent Contribution to the Increase in Labour Productivity
	Within-Sector Effect	Reallocation Level Effect	Reallocation Growth Effect	Total	Within-Sector Effect	Reallocation Level Effect	Reallocation Growth Effect	Total	Within-Sector Effect	Reallocation Level Effect	Reallocation Growth Effect	Total	
Food manufacturing	0.60	0.00	0.00	0.59	0.74	-0.19	-0.12	0.43	0.14	-0.19	-0.12	-0.17	-10.96
Beverage and tobacco product manufacturing	-0.17	-0.02	0.00	-0.19	-0.71	0.86	-0.63	-0.48	-0.54	0.89	-0.63	-0.28	-18.73
Textile and textile product mills	0.11	0.05	0.01	0.17	0.16	0.24	0.02	0.42	0.05	0.19	0.01	0.25	16.74
Clothing and leather and allied product manufacturing	0.04	0.32	0.11	0.47	0.59	0.89	-0.13	1.35	0.55	0.57	-0.24	0.88	58.04
Wood product manufacturing	0.64	0.00	0.00	0.64	1.58	0.58	-0.23	1.93	0.94	0.58	-0.23	1.29	85.01
Paper manufacturing	0.87	-0.02	-0.05	0.79	0.01	-0.10	0.10	0.01	-0.86	-0.08	0.16	-0.78	-51.55
Printing and related support activities	0.16	-0.02	-0.01	0.12	0.54	0.22	-0.04	0.71	0.38	0.24	-0.03	0.59	39.03
Petroleum and coal product manufacturing	-0.24	1.59	-0.21	1.14	-1.52	2.78	-1.42	-0.16	-1.29	1.20	-1.21	-1.29	-85.53
Chemical manufacturing	1.24	-0.04	-0.01	1.19	0.20	0.64	-0.05	0.79	-1.04	0.68	-0.04	-0.40	-26.32
Plastics and rubber products manufacturing	0.34	-0.08	-0.03	0.23	0.66	-0.01	0.00	0.65	0.32	0.07	0.03	0.43	28.20
Non-metallic mineral product manufacturing	0.29	0.02	0.01	0.31	0.28	0.04	0.00	0.32	-0.01	0.03	-0.01	0.01	0.36
Primary metal manufacturing	0.88	-0.06	-0.04	0.78	0.43	-0.06	0.00	0.37	-0.45	0.00	0.04	-0.41	-27.36
Fabricated metal product manufacturing	0.16	-0.09	-0.12	-0.05	0.82	-0.15	-0.01	0.67	0.66	-0.06	0.11	0.72	47.27
Machinery manufacturing	0.50	0.00	0.00	0.50	1.27	-0.10	0.08	1.25	0.77	-0.10	0.08	0.75	49.25
Computer and electronic product manufacturing	0.67	0.07	-0.02	0.72	0.88	0.11	-0.14	0.86	0.22	0.04	-0.12	0.14	9.05
Electrical equipment manufacturing	0.17	0.01	0.01	0.19	0.27	0.00	0.00	0.26	0.10	-0.02	-0.01	0.07	4.84
Transportation equipment manufacturing	1.84	0.00	-0.04	1.80	0.83	0.05	-0.04	0.84	-1.01	0.04	0.00	-0.96	-63.70
Furniture and related product manufacturing	0.20	-0.20	-0.06	-0.05	0.49	0.32	0.02	0.82	0.28	0.52	0.07	0.88	57.81
Miscellaneous manufacturing	0.18	-0.03	-0.01	0.14	0.07	-0.06	-0.04	-0.03	-0.11	-0.03	-0.03	-0.17	-11.46
SUM TOTAL	8.5	1.5	-0.5	9.5	7.6	6.1	-2.6	11.0	-0.9	4.6	-2.2	1.5	100.00

Source: Statistics Canada, Table: 36-10-0480-01

Appendix Table 47: A Comparison of Sub-Sector Contributions to Labour Productivity (2012 Dollars) in Manufacturing in New Brunswick and Canada, between 1997-2019, Decomposed into Within-Sector, Reallocation Level Effect, and Reallocation Growth Effect

Contribution to Manufacturing Labour Productivity (Output per Hour in 2012 Dollars) by Sub-Sector for New Brunswick and Canada, 1997-2019										
	New Brunswick 1997-2019					Canada 1997-2019				
	Within-Sector Effect	Reallocation Level Effect	Reallocation Growth Effect	Total	Per Cent Contribution to the Slowdown in Labour Productivity	Within-Sector Effect	Reallocation Level Effect	Reallocation Growth Effect	Total	Per Cent Contribution to the Increase in Labour Productivity
Food manufacturing	-1.31	-0.69	-1.15	-3.15	1,806.0	1.33	-0.03	-0.29	1.02	4.96
Beverage and tobacco product manufacturing	-0.32	0.52	-0.23	-0.03	16.0	-0.90	1.07	-0.84	-0.67	-3.24
Textile and textile product mills	-0.02	0.26	0.07	0.31	-175.9	0.29	0.24	0.09	0.62	3.02
Clothing and leather and allied product manufacturing	-0.04	0.21	0.06	0.23	-130.9	0.80	0.99	0.13	1.93	9.42
Wood product manufacturing	4.08	2.01	-1.00	5.09	-2,915.8	2.22	0.55	-0.20	2.57	12.5
Paper manufacturing	4.84	-0.85	-1.39	2.60	-1,491.2	0.88	-0.05	0.05	0.88	4.30
Printing and related support activities	-0.11	0.23	0.11	0.24	-137.1	0.67	0.11	0.03	0.81	3.95
Petroleum and coal product manufacturing	-11.36	35.33	-29.93	-5.97	3,417.4	-1.08	4.80	-2.76	0.95	4.65
Chemical manufacturing	-1.13	0.76	-0.79	-1.17	671.3	1.44	0.44	0.11	1.99	9.70
Plastics and rubber products manufacturing	0.65	-0.25	0.43	0.82	-472.3	0.91	-0.09	-0.03	0.79	3.84
Non-metallic mineral product manufacturing	-0.35	0.00	-0.02	-0.36	208.4	0.54	0.04	0.02	0.60	2.93
Primary metal manufacturing	1.05	-0.03	-0.44	0.57	-328.7	1.36	-0.10	-0.07	1.19	5.80
Fabricated metal product manufacturing	0.37	-0.28	0.09	0.17	-99.7	0.84	-0.15	-0.23	0.45	2.22
Machinery manufacturing	0.48	-0.09	0.04	0.44	-249.4	1.78	-0.06	0.04	1.76	8.57
Computer and electronic product manufacturing	-0.01	0.00	0.04	0.03	-16.1	1.70	0.21	-0.25	1.67	8.12
Electrical equipment manufacturing	0.18	0.16	-0.12	0.22	-123.6	0.47	0.01	0.00	0.49	2.37
Transportation equipment manufacturing	0.09	0.22	0.02	0.33	-189.4	2.73	0.00	0.00	2.74	13.3
Furniture and related product manufacturing	0.00	-0.07	-0.01	-0.08	46.0	0.59	0.05	0.02	0.66	3.21
Miscellaneous manufacturing	-0.49	0.01	0.02	-0.46	265.0	0.24	-0.07	-0.10	0.07	0.32
SUM TOTAL	-3.43	37.4	-34.2	-0.17	100.0	16.8	8.0	-4.3	20.5	100.0

Source: Statistics Canada, Table: 36-10-0480-01

**APPENDIX TABLE 48: REAL GDP, NOMINAL GDP FOR ALL INDUSTRIES IN CANADA AND IN NEW BRUNSWICK, 1997-2019,
(MANUFACTURING SHARE OF TOTAL ECONOMY)**

	Canada				New Brunswick			
	Real value added	Nominal value added	Real value added	Nominal value added	Real value added	Nominal value added	Real value added	Nominal value added
	All industries		Manufacturing Share of Total Economy	All industries		Manufacturing Share of Total Economy		
Chained (2012) dollars in thousands	Thousands of dollars	Chained (2012) dollars in thousands		Thousands of dollars				
1997	1,170,662,312	837,504,977	14.6	17.4	22,165,371	15,973,990	11.9	13.1
1998	1,214,469,891	867,549,873	14.8	17.6	22,980,453	16,695,999	12.4	13.8
1999	1,277,350,902	930,263,747	15.1	18.5	24,481,308	18,099,001	12.2	13.7
2000	1,345,339,414	1,023,768,017	15.7	18.4	25,012,420	19,138,015	12.6	15.0
2001	1,366,589,255	1,061,611,048	14.9	17.3	25,392,888	19,679,990	12.2	14.5
2002	1,411,065,560	1,100,838,895	14.7	17.0	26,600,035	20,083,987	12.9	13.3
2003	1,437,776,742	1,161,030,967	14.2	15.8	27,185,501	21,019,004	13.4	13.7
2004	1,485,280,242	1,237,188,029	14.1	15.4	27,950,475	22,319,016	13.1	13.8
2005	1,532,147,073	1,319,320,004	13.9	14.4	28,222,844	23,457,012	11.8	12.2
2006	1,575,073,271	1,391,514,020	13.3	13.5	28,729,267	24,642,009	11.0	11.0
2007	1,606,281,630	1,468,929,334	12.7	12.8	28,905,339	25,878,969	10.5	11.3
2008	1,618,165,217	1,550,931,203	11.9	11.3	29,157,418	26,386,748	9.8	10.1
2009	1,565,706,530	1,465,151,830	10.6	10.8	28,746,296	26,529,280	9.9	9.5
2010	1,620,667,840	1,555,132,149	10.8	10.7	29,344,927	27,695,442	10.2	10.1
2011	1,674,111,985	1,658,212,296	10.8	10.6	29,405,741	28,847,737	10.2	10.0
2012	1,706,035,017	1,706,035,017	10.7	10.7	29,048,898	29,048,898	10.0	10.0
2013	1,749,143,732	1,777,211,767	10.4	10.3	28,942,609	29,092,326	10.5	10.1
2014	1,804,169,486	1,867,752,193	10.4	10.1	29,039,578	29,650,003	10.0	9.5
2015	1,819,020,111	1,856,814,378	10.4	10.7	29,275,663	30,602,565	10.1	10.7
2016	1,838,406,059	1,886,103,351	10.3	10.7	29,546,038	31,222,122	10.1	10.0
2017	1,897,293,299	..	10.3	..	30,223,889	..	10.0	..
2018	1,939,238,662	..	10.4	..	30,446,621	..	9.5	..
2019	1,971,471,189	..	10.2	..	30,745,349	..	9.5	..

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 49: TOTAL NUMBER OF JOBS, HOURS WORKED FOR ALL JOBS IN THE TOTAL ECONOMY IN CANADA AND IN NEW BRUNSWICK, 1997-2019, (MANUFACTURING SHARE OF TOTAL ECONOMY)

	Canada				New Brunswick			
	Total number of jobs	Hours worked for all jobs	Total number of jobs	Hours worked for all jobs	Total number of jobs	Hours worked for all jobs	Total number of jobs	Hours worked for all jobs
	All industries		Manufacturing Share of Total Economy	All industries		Manufacturing Share of Total Economy		
Jobs	Hours in thousands	Jobs		Hours in thousands				
1997	14,039,440	25,236,966	13.5	15.0	314,725	585,816	9.2	10.1
1998	14,353,405	25,741,385	13.4	14.8	321,660	596,135	9.1	10.0
1999	14,729,045	26,403,279	13.3	14.7	331,935	611,952	9.2	10.2
2000	15,068,085	26,924,817	13.3	14.7	337,485	623,276	9.1	10.0
2001	15,207,665	26,976,416	13.0	14.4	333,390	608,946	8.7	9.6
2002	15,580,815	27,346,905	12.6	14.1	344,305	627,008	8.9	9.9
2003	15,917,895	27,770,532	12.5	13.9	344,495	624,836	9.0	10.1
2004	16,179,200	28,388,780	12.2	13.6	349,700	630,402	8.8	9.8
2005	16,427,045	28,661,967	11.9	13.2	349,610	625,273	8.9	9.9
2006	16,686,930	29,106,527	11.3	12.6	353,395	637,062	8.6	9.5
2007	17,038,855	29,711,442	10.7	12.0	359,605	644,379	8.3	9.2
2008	17,284,825	30,095,509	9.9	11.1	362,110	649,533	8.0	9.0
2009	16,986,905	29,075,275	9.2	10.2	362,365	646,489	7.9	8.8
2010	17,299,985	29,671,692	9.0	10.2	360,235	648,507	7.8	8.8
2011	17,572,655	30,113,165	9.0	10.2	357,365	629,943	7.8	8.9
2012	17,759,995	30,576,664	8.9	10.0	354,275	632,468	8.4	9.6
2013	17,994,075	30,878,712	8.6	9.7	352,280	622,877	8.5	9.7
2014	18,092,385	30,953,120	8.6	9.7	351,135	614,628	9.0	10.3
2015	18,249,525	31,239,967	8.5	9.7	347,695	614,685	8.7	10.1
2016	18,436,475	31,453,666	8.5	9.6	352,580	625,626	8.3	9.4
2017	18,789,140	31,840,278	8.5	9.6	357,355	632,468	8.4	9.5
2018	19,036,405	32,508,755	8.4	9.5	357,950	637,174	8.1	9.2
2019	19,442,005	32,874,922	8.5	9.6	360,110	636,837	8.2	9.5

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 50: CAPITAL STOCK (MILLIONS OF 2012 DOLLARS) FOR MANUFACTURING INDUSTRIES IN CANADA AND IN NEW BRUNSWICK, 1997, 2004 AND 2019

	Absolute Values						Compound Annual Growth Rate					
	Canada	New Brunswick	Canada	New Brunswick	Canada	New Brunswick	Canada			New Brunswick		
	1997		2004		2019		1997-2019	1997-2004	2004-2019	1997-2019	1997-2004	2004-2019
Manufacturing	152,355	3,249	153,656	3,891	133,335	3,419	-0.60	0.12	-0.94	0.23	2.61	-0.86
Food manufacturing	10,276	315	10,650	361	13,002	537	1.08	0.51	1.34	2.45	1.97	2.68
Beverage and tobacco products manufacturing	2,833	50	2,966	55	3,199	84	0.55	0.66	0.51	2.39	1.37	2.86
Textile and textile product mills	2,496	53	1,906	167	731	30	-5.43	-3.78	-6.19	-2.55	17.8	-10.8
Clothing and leather and allied product manufacturing	1,135	6.0	903	5.0	525	3.0	-3.44	-3.21	-3.55	-3.10	-2.57	-3.35
Wood product manufacturing	8,780	330	8,176	372	5,799	298	-1.87	-1.01	-2.26	-0.46	1.73	-1.47
Paper manufacturing	23,738	1,549	17,126	1,079	7,244	706	-5.25	-4.56	-5.57	-3.51	-5.03	-2.79
Printing and related support activities	1,792	17	1,891	13	1,522	5	-0.74	0.77	-1.44	-5.41	-3.76	-6.17
Petroleum and coal products manufacturing	10,758	343	13,051	1,313	13,609	1,364	1.07	2.80	0.28	6.48	21.1	0.25
Chemical manufacturing	20,784	101	22,192	60	18,699	35	-0.48	0.94	-1.14	-4.70	-7.17	-3.53
Plastics and rubber products manufacturing	4,615	53	5,341	72	4,174	45	-0.46	2.11	-1.63	-0.74	4.47	-3.08
Non-metallic mineral product manufacturing	3,476	60	3,930	73	4,853	74	1.53	1.77	1.42	0.96	2.84	0.09
Primary metal manufacturing	16,571	99	15,346	86	18,563	71	0.52	-1.09	1.28	-1.50	-1.99	-1.27
Fabricated metal product manufacturing	4,402	36	5,106	51	4,959	48	0.54	2.14	-0.19	1.32	5.10	-0.40
Machinery manufacturing	5,258	23	5,649	39	5,413	30	0.13	1.03	-0.28	1.22	7.84	-1.73

Computer and electronic product manufacturing	5,606	16	8,506	11	4,381	10	-1.11	6.14	-4.33	-2.11	-5.21	-0.63
Electrical equipment, appliance and component manufacturing	1,887	2.0	2,394	3.0	1,894	2.0	0.02	3.46	-1.55	0.00	5.96	-2.67
Transportation equipment manufacturing	25,040	124	25,427	69	21,877	33	-0.61	0.22	-1.00	-5.84	-8.03	-4.80
Furniture and related product manufacturing	1,157	6.0	1,667	18	1,205	16	0.18	5.36	-2.14	4.56	17.0	-0.78
Miscellaneous manufacturing	1,300	17	1,359	46	1,720	25	1.28	0.64	1.58	1.77	15.3	-3.98

Source: Statistics Canada, Table: 36-10-0096-01

APPENDIX TABLE 51: CAPITAL STOCK PER TOTAL HOURS WORKED FOR MANUFACTURING INDUSTRIES IN CANADA AND NEW BRUNSWICK, 1997, 2004 AND 2019

	Capital Stock per Total Hours Worked						Compound Annual Growth Rate					
	Canada			New Brunswick			Canada			New Brunswick		
	1997	2004	2019	1997	2004	2019	1997-2019	1997-2004	2004-2019	1997-2019	1997-2004	2004-2019
Manufacturing	40.1	39.8	42.3	54.8	62.9	56.3	0.24	-0.14	0.42	0.12	1.99	-0.74
Food manufacturing	25.9	26.2	27.4	23.9	32.8	25.8	0.26	0.17	0.30	0.36	4.62	-1.57
Beverage and tobacco products manufacturing	47.9	50.0	38.1	57.5	50.6	59.0	-1.03	0.62	-1.79	0.11	-1.81	1.02
Textile and textile product mills	27.4	23.2	22.6	38.3	46.3	63.0	-0.88	-2.37	-0.18	2.29	2.76	2.07
Clothing and leather and allied product manufacturing	5.7	5.9	11.8	7.7	8.2	11.8	3.34	0.34	4.77	1.99	1.04	2.44
Wood product manufacturing	28.8	26.3	32.0	21.0	26.4	27.3	0.48	-1.29	1.32	1.20	3.28	0.24
Paper manufacturing	115.5	96.3	65.9	181.5	100.6	119.0	-2.52	-2.57	-2.50	-1.90	-8.09	1.12
Printing and related support activities	11.7	11.4	17.2	12.8	11.3	9.0	1.78	-0.36	2.80	-1.59	-1.71	-1.53
Petroleum and coal products manufacturing	862.4	571.7	385.0	554.8	1,412.3	593.5	-3.60	-5.70	-2.60	0.31	14.28	-5.62
Chemical manufacturing	118.6	126.2	108.2	181.8	140.5	36.5	-0.41	0.89	-1.02	-7.03	-3.62	-8.58
Plastics and rubber products manufacturing	21.9	21.2	20.0	34.8	28.8	16.1	-0.40	-0.43	-0.39	-3.43	-2.64	-3.79
Non-metallic mineral product manufacturing	37.0	36.6	46.2	34.7	36.7	39.9	1.02	-0.15	1.57	0.63	0.78	0.57

Primary metal manufacturing	96.0	95.5	150.5	88.0	170.0	112.5	2.07	-0.07	3.08	1.12	9.87	-2.72
Fabricated metal product manufacturing	15.1	14.1	15.0	14.4	15.3	13.0	-0.05	-0.96	0.38	-0.47	0.79	-1.06
Machinery manufacturing	17.3	18.5	18.7	11.2	13.5	12.6	0.35	0.91	0.09	0.55	2.79	-0.48
Computer and electronic product manufacturing	24.4	42.6	41.4	13.1	45.7	14.6	2.43	8.30	-0.20	0.48	19.6	-7.35
Electrical equipment, appliance and component manufacturing	19.4	27.6	26.1	4.7	15.6	21.7	1.35	5.16	-0.38	7.21	18.8	2.20
Transportation equipment manufacturing	48.7	52.2	50.4	57.8	78.3	26.6	0.15	1.00	-0.25	-3.46	4.43	-6.94
Furniture and related product manufacturing	6.6	7.5	8.9	4.0	8.4	9.1	1.32	1.81	1.10	3.83	11.2	0.55
Miscellaneous manufacturing	11.8	10.7	14.1	8.2	13.1	12.1	0.82	-1.46	1.90	1.80	6.98	-0.52

Source: Statistics Canada, Tables: 36-10-0096-01, 36-10-0480-01

APPENDIX TABLE 52: MULTIFACTOR PRODUCTIVITY AND RELATED VARIABLES IN THE MANUFACTURING SECTOR FOR CANADA AND NEW BRUNSWICK, 1997-018, 1997-2004 AND 2004-2019, AND DIFFERENCE BETWEEN PERIODS (1997-2004 AND 2004-2018), (COMPOUND ANNUAL GROWTH RATE)

	1997-2018		1997-2004		2004-2018		Difference Between Periods (1997-2004 and 2004-2018)	
	New Brunswick	Canada	New Brunswick	Canada	New Brunswick	Canada	New Brunswick	Canada
Real Gross Domestic Product	0.46	0.78	4.77	2.99	-1.62	-0.31	-6.39	-3.30
Labour Productivity	0.46	1.72	4.07	2.62	-1.30	1.28	-5.37	-1.34
Labour Composition	0.67	0.39	1.02	0.50	0.50	0.34	-0.52	-0.16
Contribution of Labour Composition to Labour Productivity Growth	0.36	0.24	0.50	0.29	0.29	0.21	-0.21	-0.08
Capital Input	1.46	0.29	3.15	1.55	0.62	-0.34	-2.53	-1.89
Hours	0.00	-0.93	0.68	0.36	-0.33	-1.57	-1.01	-1.93
Capital Deepening	1.46	1.22	2.47	1.19	0.95	1.23	-1.52	0.04
Contribution of Capital Intensity to Labour Productivity Growth	0.69	0.46	1.21	0.49	0.42	0.45	-0.79	-0.04
Total Factor Productivity	-0.58	1.01	2.30	1.83	-1.99	0.61	-4.29	-1.22
	Percentage of Labour Productivity							
Labour Productivity	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Labour Composition	145.7	22.7	25.1	19.1	-38.5	26.6	9.7	11.9
Contribution of Labour Composition to Labour Productivity Growth	78.3	14.0	12.3	11.1	-22.3	16.4	3.9	6.0
Capital Input	317.4	16.9	77.4	59.2	-47.7	-26.6	47.1	141.0
Capital Deepening	317.4	70.9	60.7	45.4	-73.1	96.1	28.3	-3.0
Contribution of Capital Intensity to Labour Productivity Growth	150.0	26.7	29.7	18.7	-32.3	35.2	14.7	3.0
Total Factor Productivity	-126.1	58.7	56.5	69.8	153.1	47.7	79.9	91.0

Source: Source: Statistics Canada, Tables: 36-10-0211-01, 36-10-0208-01

APPENDIX TABLE 53: NUMBER OF UNEMPLOYED, NUMBER OF JOBS VACANCIES AND THE RATIO OF THESE TWO VARIABLES FOR ALL INDUSTRIES IN CANADA AND IN NEW BRUNSWICK, 2011-2018

	New Brunswick			Canada		
	All Industries			All Industries		
	Number of Unemployed (x1000)	Number of Jobs Vacancies (x1000)	Unemployed /Jobs Vacancies	Number of Unemployed (x1000)	Number of Jobs Vacancies (x1000)	Unemployed /Jobs Vacancies
2011	37.4	3.70	10.1	1,404	237	5.92
2012	40.1	3.90	10.3	1,377	255	5.41
2013	40.6	3.60	11.3	1,352	221	6.12
2014	39.1	3.80	10.3	1,327	230	5.77
2015	38.4	3.30	11.6	1,337	231	5.79
2016	37.1	3.50	10.6	1,366	211	6.46
2017	31.0	3.90	7.95	1,251	272	4.59
2018	30.7	6.30	4.87	1,160	341	3.40

Source: Statistics Canada, Table: 14-10-0227-01

APPENDIX TABLE 54: NUMBER OF UNEMPLOYED, NUMBER OF JOBS VACANCIES AND THE RATIO OF THESE TWO VARIABLES FOR MANUFACTURING IN CANADA AND IN NEW BRUNSWICK, 2011-2019

	New Brunswick			Canada		
	Manufacturing			Manufacturing		
	Number of Unemployed	Number of Jobs Vacancies (x1000)	Unemployed/ Jobs Vacancies	Number of Unemployed (x1000)	Number of Jobs Vacancies (x1000)	Unemployed/ Jobs Vacancies
2011	3,900	N/A	N/A	102	21	4.76
2012	3,900	N/A	N/A	95	20	4.80
2013	4,100	N/A	N/A	94	17	5.68
2014	3,400	N/A	N/A	87	17	5.19
2015	3,600	N/A	N/A	86	17	5.13
2016	3,600	N/A	N/A	88	18	4.89
2017	2,700	N/A	N/A	66	27	2.46
2018	3,200	N/A	N/A	64	32	2.03

Source: Statistics Canada, Tables: 14-10-0227-01

APPENDIX TABLE 55: LABOUR PRODUCTIVITY (2012 DOLLARS) IN MANUFACTURING FOR CANADA AND THE PROVINCES, 1997-2019

	Canada	Newfoundland and Labrador	Relative to the National Level	Prince Edward Island	Relative to the National Level	Nova Scotia	Relative to the National Level	New Brunswick	Relative to the National Level	Quebec	Relative to the National Level
	Labour productivity Manufacturing Chained (2012) dollars per hour										
1997	44.9	33.7	75.1	39.2	87.3	26.2	58.4	44.4	98.9	43.3	96.4
1998	47	32.4	68.9	50	106.4	27.8	59.1	47.6	101.3	45.3	96.4
1999	49.9	29.4	58.9	50.2	100.6	30.8	61.7	48.0	96.2	49.4	99.0
2000	53.3	31	58.2	50.6	94.9	29.5	55.3	50.6	94.9	51.3	96.2
2001	52.5	25.8	49.1	47.3	90.1	31.1	59.2	53.2	101.3	51.6	98.3
2002	53.8	33.6	62.5	46.8	87.0	33.3	61.9	55.6	103.3	51.1	95.0
2003	53	33.9	64.0	44.2	83.4	34.5	65.1	57.8	109.1	50.5	95.3
2004	54.2	31.1	57.4	41.8	77.1	36.3	67.0	59.0	108.9	51.6	95.2
2005	56.3	32.2	57.2	36.8	65.4	34.9	62.0	54.2	96.3	53.5	95.0
2006	57.3	34.2	59.7	38.3	66.8	32.1	56.0	52.3	91.3	54.1	94.4
2007	57.1	33.3	58.3	39.1	68.5	32.4	56.7	51.6	90.4	54.9	96.1
2008	57.9	36.7	63.4	40.1	69.3	33.3	57.5	49.3	85.1	57	98.4
2009	56.1	37.6	67.0	40.8	72.7	34.5	61.5	49.8	88.8	56.3	100.4
2010	57.6	37.7	65.5	42.9	74.5	36.5	63.4	52.7	91.5	54.6	94.8
2011	58.9	36.4	61.8	40.4	68.6	39.3	66.7	53.4	90.7	55.2	93.7
2012	59.9	45.9	76.6	41	68.4	39.2	65.4	47.9	80.0	55.7	93.0
2013	60.7	46.8	77.1	44.1	72.7	40.7	67.1	49.9	82.2	55	90.6
2014	62.7	49.7	79.3	43.3	69.1	40.8	65.1	46.1	73.5	56.6	90.3
2015	62.6	47.6	76.0	47.3	75.6	41.4	66.1	47.7	76.2	55.9	89.3
2016	62.5	48.5	77.6	53.8	86.1	41.9	67.0	50.9	81.4	54.9	87.8
2017	64.3	58.2	90.5	54.9	85.4	44.4	69.1	50.6	78.7	55.6	86.5
2018	64.8	60.9	94.0	51.9	80.1	44	67.9	49.4	76.2	56.3	86.9
2019	63.8	58.1	91.1	56.1	87.9	45.2	70.8	48.1	75.4	58.1	91.1

	Canada	Ontario	Relative to the National Level	Manitoba	Relative to the National Level	Saskatchewan	Relative to the National Level	Alberta	Relative to the National Level	British Columbia	Relative to the National Level
Labour productivity Manufacturing Chained (2012) dollars per hour											
1997	44.9	45	100.2	42.5	94.7	55.7	124.1	73.4	163.5	32.4	72.2
1998	47	46.9	99.8	44	93.6	59.5	126.6	76	161.7	33.9	72.1
1999	49.9	50.3	100.8	41.9	84.0	55.2	110.6	73.1	146.5	36.2	72.5
2000	53.3	53.8	100.9	44.5	83.5	56.6	106.2	83.3	156.3	41.3	77.5
2001	52.5	52.3	99.6	43.9	83.6	60.1	114.5	80.1	152.6	41	78.1
2002	53.8	54.6	101.5	45.2	84.0	55.8	103.7	78.5	145.9	43.2	80.3
2003	53	53.6	101.1	44.7	84.3	56.8	107.2	74.9	141.3	42.7	80.6
2004	54.2	54.1	99.8	47.3	87.3	63	116.2	79.7	147.0	44.8	82.7
2005	56.3	56.5	100.4	48.5	86.1	65.2	115.8	87.2	154.9	45.4	80.6
2006	57.3	57.7	100.7	47.4	82.7	64.7	112.9	84.9	148.2	50	87.3
2007	57.1	57	99.8	48.3	84.6	68.7	120.3	84.2	147.5	49.2	86.2
2008	57.9	56.9	98.3	49.1	84.8	73.6	127.1	87.9	151.8	49.8	86.0
2009	56.1	54.5	97.1	48.1	85.7	75.3	134.2	81.9	146.0	49	87.3
2010	57.6	57.2	99.3	48.4	84.0	79.7	138.4	84.6	146.9	51.1	88.7
2011	58.9	58.4	99.2	50.7	86.1	80.6	136.8	84.8	144.0	53.8	91.3
2012	59.9	59.9	100.0	52.5	87.6	83.8	139.9	86.8	144.9	53	88.5
2013	60.7	59.5	98.0	55.1	90.8	89.4	147.3	97.5	160.6	54.5	89.8
2014	62.7	62.2	99.2	55.3	88.2	93.1	148.5	97.1	154.9	57.7	92.0
2015	62.6	62.8	100.3	53.3	85.1	92.3	147.4	95.7	152.9	59	94.2
2016	62.5	63.1	101.0	53.6	85.8	90.4	144.6	99.5	159.2	58.2	93.1
2017	64.3	64.6	100.5	54	84.0	97.1	151.0	103.4	160.8	61.4	95.5
2018	64.8	65	100.3	54.4	84.0	97.8	150.9	103.7	160.0	62.3	96.1
2019	63.8	63.1	98.9	51.6	80.9	91.9	144.0	100.9	158.2	58.6	91.8

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 56: SHARE OF MANUFACTURING GDP IN TOTAL ECONOMY (GDP BY PROVINCE), IN 1997 AND 2016, AND 1977 AND 2019

	Nominal				Real			
	Manufacturing GDP as a Per Cent of Total Economy GDP		<i>Relative to Canadian Average</i>		Manufacturing GDP as a Per Cent of Total Economy GDP		<i>Relative to Canadian Average</i>	
	1997	2016	1997	2016	1997	2019	1997	2019
Canada	17.4	10.7	100.0	100.0	14.6	10.2	100.0	100.0
Newfoundland and Labrador	6.0	4.3	34.3	40.5	3.5	2.8	23.7	27.4
Prince Edward Island	8.1	11.1	46.6	104.3	7.1	10.2	48.4	100.3
Nova Scotia	10.1	7.2	58.0	67.3	8.3	7.3	57.1	71.8
New Brunswick	13.1	10.0	75.3	93.7	11.9	9.5	81.5	93.3
Quebec	21.0	13.8	121.1	129.1	18.6	13.4	127.7	131.7
Ontario	21.7	12.5	125.2	117.1	18.8	12.0	129.1	117.6
Manitoba	13.9	9.7	79.9	91.2	13.4	9.7	91.8	94.8
Saskatchewan	7.5	5.7	42.9	53.5	5.5	6.1	38.0	59.6
Alberta	11.0	8.1	63.2	75.7	9.5	7.5	65.2	73.2
British Columbia	10.7	7.1	61.8	66.3	8.0	6.9	54.8	67.3

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 57: SHARE OF MANUFACTURING JOBS AND HOURS IN TOTAL ECONOMY'S JOBS AND HOURS, IN CANADA AND IN THE PROVINCES, 1997 AND 2019

	Total number of jobs				Hours Worked			
	Manufacturing Jobs as a Per Cent of Total Jobs in Economy		<i>Relative to the Canadian Average</i>		Manufacturing Jobs as a Per Cent of Total Jobs in Economy		<i>Relative to the Canadian Average</i>	
	1997	2019	1997	2019	1997	2019	1997	2019
Canada	13.5	8.5	100.0	100.0	15.0	9.6	100.0	100.0
Newfoundland and Labrador	5.3	3.4	38.9	40.2	5.6	3.8	37.2	39.3
Prince Edward Island	5.5	7.2	40.9	84.8	6.2	8.1	41.1	84.8
Nova Scotia	10.4	6.6	77.1	78.1	11.6	7.5	77.2	78.7
New Brunswick	9.2	8.2	68.2	96.9	10.1	9.5	67.3	99.5
Quebec	16.1	10.8	118.5	127.9	18.0	12.3	119.8	127.8
Ontario	17.2	9.6	126.7	113.4	19.0	10.9	126.6	113.7
Manitoba	11.0	9.0	81.5	106.7	12.1	10.3	80.7	107.2
Saskatchewan	5.7	4.6	41.7	54.8	6.0	5.2	39.6	54.0
Alberta	7.6	5.2	56.4	61.2	8.4	5.9	56.0	61.4
British Columbia	9.5	6.1	69.8	71.8	10.6	7.0	70.3	72.7

Source: Statistics Canada, Table: 36-10-0480-01

APPENDIX TABLE 58: MULTIFACTOR PRODUCTIVITY AND RELATED VARIABLES IN THE MANUFACTURING SECTOR FOR CANADA AND NEW BRUNSWICK, FOR SELECTED PERIODS, (COMPOUND ANNUAL GROWTH RATE)

	1997-2000		2000-2008		2008-2018		2008-2014		2014-2018		1997-2010		2010-2018	
	New Brunswick	Canada	New Brunswick	Canada	New Brunswick	Canada	New Brunswick	Canada	New Brunswick	Canada	New Brunswick	Canada	New Brunswick	Canada
Real Gross Domestic Product	6.14	7.85	-1.15	-1.29	0.11	0.40	0.19	-0.44	-0.01	1.68	1.01	0.16	-0.43	1.78
Labour Productivity	4.35	6.10	-0.37	0.84	-0.02	1.15	-1.01	1.42	1.49	0.74	1.25	1.90	-0.81	1.43
Labour Composition	1.14	0.34	0.90	0.57	0.35	0.26	0.19	0.28	0.57	0.23	0.90	0.54	0.30	0.15
Contribution of Labour Composition to Labour Productivity Growth	0.60	0.20	0.46	0.34	0.21	0.17	0.12	0.18	0.34	0.14	0.47	0.33	0.18	0.09
Capital Input	10.46	4.12	1.63	0.38	-1.23	-0.91	-2.04	-1.17	-0.01	-0.51	3.20	0.76	-1.31	-0.47
Hours	1.72	1.65	-0.79	-2.12	0.13	-0.74	1.22	-1.83	-1.48	0.93	-0.23	-1.71	0.38	0.35
Capital Deepening	8.74	2.47	2.42	2.50	-1.36	-0.17	-3.25	0.66	1.47	-1.44	3.43	2.46	-1.69	-0.81
Contribution of Capital Intensity to Labour Productivity Growth	4.28	0.98	0.97	0.95	-0.59	-0.08	-1.38	0.23	0.61	-0.54	1.57	0.94	-0.73	-0.31
Total Factor Productivity	-0.53	4.86	-1.77	-0.45	0.37	1.06	0.26	1.00	0.54	1.14	-0.79	0.63	-0.25	1.65
Per Cent Contribution to Labour Productivity Growth														
Labour Productivity	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
Labour Composition	26.3	5.6	-245.6	67.7	-1,883.9	23.0	-19.3	20.1	38.5	31.2	72.4	28.3	-36.9	10.6
Contribution of Labour Composition to Labour Productivity Growth	13.8	3.3	-124.9	40.7	-1,119.6	14.6	-11.7	12.9	22.6	19.4	37.8	17.2	-21.7	6.6
Capital Input	240.5	67.5	-443.4	45.8	6,698.5	-78.9	201.8	-82.5	-0.4	-68.4	256.5	39.8	162.3	-32.5
Capital Deepening	200.9	40.5	-657.6	297.6	7404.6	-14.5	322.0	46.9	98.8	-192.9	275.0	129.5	209.8	-56.6
Contribution of Capital Intensity to Labour Productivity Growth	98.4	16.1	-262.6	112.7	3207.0	-6.8	136.5	16.3	40.9	-72.5	125.9	49.3	90.9	-21.4
Total Factor Productivity	-12.2	79.6	481.9	-53.0	-2001.6	92.2	-25.3	70.6	36.0	153.8	-63.0	32.9	30.8	115.0

Source: Source: Statistics Canada, Tables: 36-10-0211-01, 36-10-0208-01