

Productivity Forecasts

for North America

By Garrett Wasny

CANADA

Economic Benchmarks

GDP (\$US B)	\$667
Population (M)	27
GDP per capita (\$U.S.)	\$24,704
Manufacturing share of GDP	17%
Exports (\$US B)	\$135
Imports (\$US B)	\$135
Exports as a share of GDP	20%
Imports as a share of GDP	20%

MEXICO

Economic Benchmarks

GDP (\$US B)	\$294
Population (M)	86
GDP per capita (\$U.S.)	\$3,419
Manufacturing share of GDP	25%
Exports (\$US B)	\$26
Imports (\$US B)	\$33
Exports as a share of GDP	9%
Imports as a share of GDP	11%

U.S.

Economic Benchmarks

GDP (\$US B)	\$6,259
Population (M)	258
GDP per capita (\$U.S.)	\$24,260
Manufacturing share of GDP	19%
Exports (\$US B)	\$454
Imports (\$US B)	\$555
Exports as a share of GDP	7%
Imports as a share of GDP	9%

NOTES

Figures are 1993 forecasts based on United Nations data.

Manufacturing Data

■ **Manufacturing output.** The value of manufacturing goods and services produced. →

	AGRIBUSINESS			PLASTICS		
	Canada	Mexico	U.S.	Canada	Mexico	U.S.
Manufacturing output (\$US M)	\$55,878	\$20,437	\$427,197	\$8,984	\$1,618	\$89,214
Manufacturing value added (\$US M)	\$18,902	\$8,929	\$160,254	\$3,587	\$761	\$43,673
Number of manufacturing employees (000s)	203	350	1,277	56	50	589
Share of production workers	69%	69%	72%	81%	73%	78%
Yearly wage per manufacturing employee (\$US K)	\$26.1	\$3.1	\$23.0	\$22.2	\$3.1	\$22.1
Output per manufacturing employee (\$US K)	\$275	\$58	\$335	\$160	\$32	\$151
Value added per manufacturing employee (\$US K)	\$93	\$26	\$126	\$64	\$15	\$74
Intermediate inputs (% of manufacturing output)	67%	59%	64%	61%	56%	53%
Wages and salaries (% of manufacturing output)	12%	6%	9%	18%	11%	19%
Operating surplus (% of manufacturing output)	21%	35%	27%	21%	33%	29%

	APPAREL			MEDICAL EQUIPMENT		
	Canada	Mexico	U.S.	Canada	Mexico	U.S.
Manufacturing output (\$US M)	\$7,319	\$951	\$55,334	\$2,147	\$268	\$130,949
Manufacturing value added (\$US M)	\$3,465	\$474	\$30,692	\$1,122	\$154	\$90,135
Number of manufacturing employees (000s)	92	63	728	17	5	810
Share of production workers	89%	81%	86%	68%	59%	51%
Yearly wage per manufacturing employee (\$US K)	\$16.1	\$2.3	\$13.6	\$26.2	\$4.6	\$33.0
Output per manufacturing employee (\$US K)	\$80	\$15	\$76	\$129	\$59	\$162
Value added per manufacturing employee (\$US K)	\$38	\$7	\$42	\$67	\$34	\$111
Intermediate inputs (% of manufacturing output)	53%	54%	46%	48%	46%	33%
Wages and salaries (% of manufacturing output)	27%	17%	23%	27%	9%	26%
Operating surplus (% of manufacturing output)	20%	29%	31%	25%	45%	40%

	AUTOMOTIVE			NON-COMPUTER ELECTRONICS		
	Canada	Mexico	U.S.	Canada	Mexico	U.S.
Manufacturing output (\$US M)	\$66,583	\$18,226	\$292,027	\$9,247	\$3,753	\$105,861
Manufacturing value added (\$US M)	\$13,471	\$5,684	\$104,814	\$4,198	\$2,184	\$55,561
Number of manufacturing employees (000s)	120	176	796	54	101	608
Share of production workers	82%	74%	82%	71%	70%	71%
Yearly wage per manufacturing employee (\$US K)	\$33.8	\$4.1	\$34.9	\$25.9	\$3.7	\$26.3
Output per manufacturing employee (\$US K)	\$555	\$104	\$367	\$170	\$37	\$174
Value added per manufacturing employee (\$US K)	\$112	\$32	\$132	\$77	\$22	\$91
Intermediate inputs (% of manufacturing output)	80%	71%	65%	55%	46%	49%
Wages and salaries (% of manufacturing output)	8%	4%	12%	20%	11%	19%
Operating surplus (% of manufacturing output)	12%	25%	22%	25%	43%	31%

	COMPUTERS			TELECOMMUNICATIONS		
	Canada	Mexico	U.S.	Canada	Mexico	U.S.
Manufacturing output (\$US M)	\$3,879	\$1,129	\$77,491	\$8,973	\$2,051	\$130,363
Manufacturing value added (\$US M)	\$1,755	\$473	\$40,640	\$4,820	\$859	\$79,096
Number of manufacturing employees (000s)	16	9	272	59	91	781
Share of production workers	50%	63%	38%	70%	72%	58%
Yearly wage per manufacturing employee (\$US K)	\$28.0	\$5.9	\$37.3	\$29.6	\$3.1	\$30.4
Output per manufacturing employee (\$US K)	\$246	\$121	\$285	\$153	\$23	\$167
Value added per manufacturing employee (\$US K)	\$111	\$51	\$149	\$82	\$9	\$101
Intermediate inputs (% of manufacturing output)	55%	61%	49%	47%	61%	41%
Wages and salaries (% of manufacturing output)	15%	5%	17%	25%	15%	23%
Operating surplus (% of manufacturing output)	30%	34%	34%	28%	24%	35%

	DRUGS AND MEDICINES			TEXTILES		
	Canada	Mexico	U.S.	Canada	Mexico	U.S.
Manufacturing output (\$US M)	\$4,372	\$2,807	\$57,561	\$9,477	\$3,597	\$99,765
Manufacturing value added (\$US M)	\$2,776	\$1,602	\$41,732	\$4,009	\$1,931	\$43,066
Number of manufacturing employees (000s)	17	52	161	69	151	742
Share of production workers	42%	42%	45%	82%	80%	86%
Yearly wage per manufacturing employee (\$US K)	\$32.6	\$5.5	\$36.7	\$22.0	\$3.2	\$18.8
Output per manufacturing employee (\$US K)	\$263	\$54	\$358	\$137	\$24	\$134
Value added per manufacturing employee (\$US K)	\$167	\$31	\$259	\$58	\$13	\$58
Intermediate inputs (% of manufacturing output)	37%	47%	30%	58%	50%	58%
Wages and salaries (% of manufacturing output)	16%	11%	13%	21%	15%	18%
Operating surplus (% of manufacturing output)	46%	42%	57%	21%	35%	24%