

NAFTA Competitiveness

Ranking

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 NAFTA Competitiveness Score
 (Total Score out of 100)

 Operating surplus
 (%)

 Value added per Manufacturing Employee
 (\$US K)

 Output per Manufacturing Employee
 (\$US K)

Rank	Country	Industry	Value added per Manufacturing Employee (\$US K)	Score	Output per Manufacturing Employee (\$US K)	Score	Operating surplus (%)	Score	NAFTA Competitiveness Score
1	U.S.	Drugs and Medicines	\$358	30.0	\$259	32.6	57%	33.3	95.93
2	U.S.	Paint and Cleaning Products	333	29.7	186	31.1	43	30.4	91.21
3	U.S.	Industrial Chemicals	538	31.5	257	32.2	37	26.8	90.48
4	Canada	Drugs and Medicines	263	26.0	167	30.8	46	31.9	88.67
5	U.S.	Beverages	427	30.8	204	31.5	37	26.0	88.31
6	Canada	Industrial Chemicals	567	32.2	243	31.9	33	23.1	87.22
7	Canada	Beverages	280	27.1	153	30.0	38	27.5	84.68
8	U.S.	Computers	285	27.5	149	29.7	34	24.6	81.77
9	U.S.	Pulp and Paper Products	285	27.9	137	28.6	33	22.8	79.23
10	Canada	Non-Ferrous Metals	311	28.2	146	29.3	31	21.0	78.50
11	U.S.	Medical Equipment	162	21.0	111	26.0	40	29.3	76.33
12	U.S.	Petroleum and Coal Products	429	31.1	160	30.4	26	13.7	75.24
13	Canada	Pulp and Paper Products	277	26.8	131	27.9	30	19.9	74.51
14	U.S.	Telecommunication Equipment	167	21.7	101	24.6	35	25.3	71.61
15	Canada	Non-Metal Products	212	24.2	106	25.3	31	21.3	70.88
16	Canada	Computers	246	25.3	111	26.4	30	19.2	70.88
17	U.S.	Glass	162	21.3	97	23.1	36	25.7	70.16
18	Canada	Petroleum and Coal Products	330	29.0	127	27.5	26	13.0	69.43
19	U.S.	Electrical Machinery/Appliances	174	23.9	91	22.8	31	22.1	68.70
20	U.S.	Food Products	325	28.6	117	27.1	26	12.6	68.34
21	U.S.	Petroleum Refineries	2,441	33.3	416	33.3	14	1.7	68.34
22	Canada	Petroleum Refineries	1,349	32.9	259	32.9	15	2.1	67.98
23	U.S.	Automotive	367	30.4	132	28.2	22	9.0	67.61
24	Canada	Paint and Cleaning Products	225	24.6	104	25.0	29	17.3	66.89
25	U.S.	Printing and Publishing	134	15.2	90	22.1	41	29.7	66.89
26	U.S.	Non-Metal Products	167	22.1	90	22.4	33	22.4	66.89
27	Mexico	Petroleum Refineries	620	32.6	140	29.0	20	5.0	66.53
28	U.S.	Iron and Steel	249	25.7	110	25.7	25	12.3	63.62
29	Mexico	Non-Ferrous Metals	144	17.3	67	16.6	40	29.0	62.90
30	U.S.	Aircraft, Ship and Rail Equipment	174	23.5	100	23.5	28	15.2	62.17
31	U.S.	Industrial Machinery	158	19.9	88	21.7	30	20.2	61.81
32	U.S.	Rubber Products	160	20.2	85	21.3	29	18.4	59.99
33	Canada	Automotive	555	31.9	112	26.8	12	1.0	59.63
34	Canada	Glass	153	19.2	85	21.0	29	16.6	56.72
35	U.S.	Non-Ferrous Metals	332	29.3	100	23.9	17	3.2	56.36
36	Canada	Iron and Steel	245	25.0	101	24.2	21	6.8	56.00
37	Mexico	Iron and Steel	111	13.0	53	13.7	40	28.6	55.27
38	U.S.	Miscellaneous Manufacturing	121	13.7	69	17.7	33	23.9	55.27
39	Canada	Electrical Machinery/Appliances	170	22.8	77	19.9	25	11.2	53.82
40	Mexico	Pulp and Paper Products	81	9.7	46	11.9	47	32.2	53.82
41	Canada	Telecommunication Equipment	153	18.8	82	20.2	28	14.4	53.46
42	U.S.	Plastics	151	18.4	74	18.8	29	16.2	53.46
43	Mexico	Computers	121	14.1	51	13.0	34	24.2	51.28
44	Canada	Printing and Publishing	123	14.4	74	19.2	29	17.7	51.28
45	Canada	Food Products	274	26.4	84	20.6	18	3.5	50.55
46	U.S.	Metal Products	145	18.1	74	18.4	27	14.1	50.55
47	Mexico	Non-Metal Products	59	6.8	39	10.1	52	32.9	49.83
48	Canada	Rubber Products	173	23.1	75	19.5	21	6.1	48.74
49	U.S.	Leather	142	16.6	66	16.2	28	15.5	48.38
50	Mexico	Paint and Cleaning Products	73	8.3	36	9.3	38	28.2	45.83

■ **Manufacturing value added.** The value of manufacturing goods and services produced minus the value of inputs purchased.

■ **Number of manufacturing employees.** The number of persons who worked in or for manufacturing establishments other than working proprietors, active business partners, and unpaid family workers.

■ **Yearly wage per manufacturing employee.** Average wage paid to a manufacturing employee in one year.

Productivity Measures

■ **Output per manufacturing employee.**

Manufacturing output divided by number of manufacturing employees.

■ **Value added per manufacturing employee.**

Manufacturing value added divided by number of manufacturing employees.

Profitability Measures

■ **Intermediate inputs.**

(Manufacturing output minus manufacturing value added) divided by manufacturing output.

■ **Wages and salaries.**

Manufacturing wages and salaries divided by manufacturing output.

■ **Operating surplus.**

(Manufacturing value added minus manufacturing wages and salaries) divided by manufacturing output.

The total of the three profitability measures equals 100%.