



2014
Economy

4.3 World Development Indicators: Structure of manufacturing

	Manufacturing value added		Food, beverages and tobacco		Textiles and clothing		Machinery and transport equipment		Chemicals		Other manufacturing	
	\$ billions		% of total		% of total		% of total		% of total		% of total	
	2000	2011	2000	2009	2000	2009	2000	2009	2000	2009	2000	2009
Afghanistan	0.76	2.45	..	..	..	..	..	..	..	..	..	..
Albania	0.37	1.76	20	17	27	26	3	4	5	11	46	43
Algeria	3.86	..	..	..	..	..	..	..	..	..	..	..
American Samoa	..	..	..	..	..	..	..	..	..	..	..	..
Andorra	..	..	..	..	..	..	..	..	..	..	..	..
Angola	0.26	6.22	..	..	..	..	..	..	..	..	..	..
Antigua and Barbuda	0.01	0.02	..	..	..	..	..	..	..	..	..	..
Argentina	46.88	84.10	29	..	8	..	11	..	15	..	37	..
Armenia	0.32	1.01	..	..	..	..	..	..	..	..	..	..
Aruba	0.07	0.11	..	..	..	..	..	..	..	..	..	..
Australia	48.17	103.15	21	..	4	3	13	10	8	8	55	79
Austria	34.70	69.40	10	12	4	2	25	26	7	7	54	53
Azerbaijan	0.28	2.63	42	26	3	1	11	6	6	3	37	63
Bahamas, The	0.32	0.29	..	..	..	..	..	..	..	..	..	..
Bahrain	..	..	..	..	..	..	..	..	..	..	..	..
Bangladesh	6.92	19.04	24	..	40	..	3	..	11	..	21	..
Barbados	0.24	0.24	..	..	..	..	..	..	..	..	..	..
Belarus	3.44	18.81	..	24	..	7	..	17	..	14	..	38
Belgium	38.71	60.56	12	15	5	3	19	19	20	21	44	42
Belize	0.08	0.21	..	..	..	..	..	..	..	..	..	..
Benin	0.19	0.51	..	..	..	..	..	..	..	..	..	..
Bermuda	0.08	0.07	..	..	..	..	..	..	..	..	..	..
Bhutan	0.04	0.15	..	..	..	..	..	..	..	..	..	..
Bolivia	1.11	2.48	37	..	5	..	0	..	4	..	54	..
Bosnia and Herzegovina	0.47	1.86	..	..	..	..	..	..	..	..	..	..
Botswana	0.33	0.89	20	26	5	5	..	..	..	..	75	68
Brazil	96.17	308.13	17	21	7	6	19	22	12	12	45	40
Brunei Darussalam	0.92	1.93	..	..	..	..	..	..	..	..	..	..
Bulgaria	1.98	7.59	20	21	14	13	14	15	11	7	41	44
Burkina Faso	0.40	0.64	..	..	..	..	..	..	..	..	..	..
Burundi	0.09	0.21	..	..	..	..	..	..	..	..	..	..
Cambodia	0.59	1.95	7	..	87	..	0	..	0	..	7	..
Cameroon	1.79	..	36	..	19	..	1	..	2	..	43	..
Canada	129.47	..	12	17	4	4	32	20	8	9	45	50
Cabo Verde	0.05	0.10	..	..	..	..	..	..	..	..	..	..
Cayman Islands	..	..	..	..	..	..	..	..	..	..	..	..
Central African Republic	0.05	0.14	..	..	..	..	..	..	..	..	..	..
Chad	0.12	0.21	..	..	..	..	..	..	..	..	..	..
Channel Islands	..	..	..	..	..	..	..	..	..	..	..	..
Chile	12.59	26.89	32	13	4	1	4	2	13	17	47	67
China	384.94	1,924.96	14	12	11	10	14	24	12	11	48	43
Hong Kong SAR, China	7.88	3.93	7	23	20	20	12	26	4	7	58	24
Macao SAR, China	0.50	0.16	4	18	80	42	4	..	2	..	10	40
Colombia	13.92	41.65	30	32	11	7	4	5	16	14	39	42
Comoros	0.01	0.02	..	..	..	..	..	..	..	..	..	..
Congo, Dem. Rep.	0.21	0.68	..	..	..	..	..	..	..	..	..	..
Congo, Rep.	0.11	0.52	73	75	3	2	7	8	3	-5	14	21
Costa Rica	3.68	6.43	45	47	6	4	3	3	12	9	33	37
Cote d'Ivoire	2.26	..	..	..	..	..	..	..	..	..	..	..
Croatia	3.62	8.65	..	..	..	..	..	..	..	..	..	..
Cuba	4.57	6.07	..	..	..	..	..	..	..	..	..	..
Curacao	..	..	..	..	..	..	..	..	..	..	..	..
Cyprus	0.85	..	37	37	7	3	4	4	6	7	46	50
Czech Republic	13.86	46.63	12	9	6	3	24	33	7	5	51	51
Denmark	21.14	31.78	18	17	2	1	20	28	10	17	48	37
Djibouti	0.01	..	..	..	..	..	..	..	..	..	..	..
Dominica	0.02	0.01	..	..	..	..	..	..	..	..	..	..
Dominican Republic	5.64	12.81	..	..	..	..	..	..	..	..	..	..
Ecuador	3.36	9.23	0	36	3	3	1	3	5	5	92	54



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	\$ billions		% of total		% of total		% of total		% of total		% of total	
	2000	2011	2000	2009	2000	2009	2000	2009	2000	2009	2000	2009
Egypt, Arab Rep.	17.97	34.66	20	16	10	6	7	4	22	15	41	59
El Salvador	3.03	4.29	29	..	28	..	2	..	16	..	25	..
Equatorial Guinea	0.02	3.70	..	..	..	..	..	..	..	..	..	..
Eritrea	0.07	0.10	60	40	12	20	1	0	6	7	21	33
Estonia	0.86	3.23	17	18	15	8	10	17	4	4	53	54
Ethiopia	0.44	1.07	54	45	12	8	7	1	5	8	22	37
Faeroe Islands	..	..	..	..	..	..	..	..	..	..	..	..
Fiji	0.21	0.44	53	46	20	14	1	1	7	6	19	33
Finland	27.21	37.61	6	10	2	2	33	33	5	6	54	48
France	180.74	254.84	13	18	4	3	26	30	12	12	45	38
French Polynesia	..	..	..	..	..	..	..	..	..	..	..	..
Gabon	0.19	..	..	..	..	..	..	..	..	..	..	..
Gambia, The	0.05	0.05	..	..	..	..	..	..	..	..	..	..
Georgia	0.26	1.64	37	34	1	2	12	15	7	6	43	42
Germany	377.85	735.82	8	9	2	2	33	37	10	12	47	41
Ghana	0.45	2.54	..	..	..	..	..	..	..	..	..	..
Greece	..	23.34	24	22	12	8	11	10	10	6	43	54
Greenland	..	..	..	..	..	..	..	..	..	..	..	..
Grenada	0.02	0.03	..	..	..	..	..	..	..	..	..	..
Guam	..	..	..	..	..	..	..	..	..	..	..	..
Guatemala	2.54	8.89	..	..	..	..	..	..	..	..	..	..
Guinea	0.11	0.34	..	..	..	..	..	..	..	..	..	..
Guinea-Bissau	0.02	..	..	..	..	..	..	..	..	..	..	..
Guyana	0.05	0.08	..	..	..	..	..	..	..	..	..	..
Haiti	..	..	..	..	..	..	..	..	..	..	..	..
Honduras	1.46	3.02	..	..	..	..	..	..	..	..	..	..
Hungary	9.28	25.26	15	13	5	2	27	40	10	9	43	36
Iceland	0.96	1.79	37	..	3	..	8	..	4	..	49	..
India	67.04	257.96	13	9	13	8	16	20	21	16	38	48
Indonesia	45.79	205.94	18	23	17	11	20	18	11	17	35	31
Iran, Islamic Rep.	13.24	..	10	9	6	3	20	23	19	20	45	46
Iraq	..	4.11	..	..	..	..	..	..	..	..	..	..
Ireland	22.49	48.27	14	17	1	0	20	15	36	49	29	19
Isle of Man	..	..	..	..	..	..	..	..	..	..	..	..
Israel	..	..	12	12	5	2	32	28	10	18	41	41
Italy	198.32	323.77	9	12	12	9	23	27	8	8	48	44
Jamaica	0.85	1.12	..	..	..	..	..	..	..	..	..	..
Japan	1,011.39	1,091.18	11	14	3	2	34	35	10	12	41	36
Jordan	1.14	4.91	30	19	7	12	3	4	18	19	43	46
Kazakhstan	3.02	23.74	..	..	..	..	..	..	..	..	..	..
Kenya	1.31	3.22	29	30	8	4	2	3	5	6	55	57
Kiribati	0.00	0.01	..	..	..	..	..	..	..	..	..	..
Korea, Dem. Rep.	..	..	..	..	..	..	..	..	..	..	..	..
Korea, Rep.	134.56	314.18	8	6	8	4	41	47	10	9	33	35
Kosovo	..	0.84	..	..	..	..	..	..	..	..	..	..
Kuwait	0.97	..	8	7	4	4	2	3	3	12	82	74
Kyrgyz Republic	0.25	1.14	33	19	2	7	1	2	1	1	63	72
Lao PDR	0.11	0.59	46	..	22	..	8	..	3	..	22	..
Latvia	0.96	2.62	27	26	11	6	8	16	3	3	51	50
Lebanon	1.97	2.93	26	27	10	5	3	2	6	8	55	58
Lesotho	0.10	0.28	..	..	..	..	..	..	..	..	..	..
Liberia	0.02	0.05	..	..	..	..	..	..	..	..	..	..
Libya	0.64	..	..	..	..	..	..	..	..	..	..	..
Liechtenstein	..	..	..	..	..	..	..	..	..	..	..	..
Lithuania	1.96	5.43	27	30	18	9	12	12	3	7	40	42
Luxembourg	1.97	2.91	8	13	9	0	9	5	6	1	68	82
Macedonia, FYR	0.62	1.27	32	27	15	17	9	4	6	7	38	45
Madagascar	0.43	1.11	0	..	35	..	0	..	2	..	62	..
Malawi	0.20	0.61	71	61	5	5	0	1	9	12	15	21
Malaysia	28.95	70.36	8	12	4	2	38	29	8	12	42	45
Maldives	0.05	0.12	..	..	..	..	..	..	..	..	..	..
Mali	0.09	..	..	..	..	..	..	..	..	..	..	..
Malta	0.77	0.96	14	13	10	4	37	19	2	18	36	46



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	\$ billions		% of total		% of total		% of total		% of total		% of total	
	2000	2011	2000	2009	2000	2009	2000	2009	2000	2009	2000	2009
Marshall Islands	..	..	..	..	..	..	..	..	..	..	..	..
Mauritania	0.16	0.13	..	..	..	..	..	..	..	..	..	..
Mauritius	0.94	1.68	20	39	52	32	1	1	..	..	26	28
Mexico	132.13	191.36	25	26	4	3	24	20	15	12	31	40
Micronesia, Fed. Sts.	0.00	0.00	..	..	..	..	..	..	..	..	..	..
Moldova	0.18	0.78	65	41	9	16	5	4	..	..	22	40
Monaco	..	..	..	..	..	..	..	..	..	..	..	..
Mongolia	0.08	0.53	49	43	40	17	0	0	2	5	9	35
Montenegro	0.09	0.23	..	..	..	..	..	..	..	..	..	..
Morocco	5.74	14.13	34	34	18	11	4	5	12	12	32	38
Mozambique	0.46	1.57	..	..	..	..	..	..	..	..	..	..
Myanmar	..	..	..	..	..	..	..	..	..	..	..	..
Namibia	0.46	1.44	..	..	..	..	..	..	..	..	..	..
Nepal	0.49	1.12	45	29	19	21	1	1	10	1	24	48
Netherlands	50.35	94.51	17	18	2	1	21	21	14	15	46	45
New Caledonia	..	..	..	..	..	..	..	..	..	..	..	..
New Zealand	8.06	13.58	33	36	..	3	..	12	..	3	67	46
Nicaragua	0.64	1.46	..	..	..	..	..	..	..	..	..	..
Niger	0.12	0.31	16	..	..	..	..	..	51	..	34	..
Nigeria	1.65	4.49	..	..	..	..	..	..	..	..	..	..
Northern Mariana Islands	..	..	..	..	..	..	..	..	..	..	..	..
Norway	14.56	32.23	16	15	1	1	23	30	13	9	47	54
Oman	1.08	..	12	9	5	0	1	1	5	24	76	66
Pakistan	10.10	29.56	21	..	33	..	5	..	17	..	25	..
Palau	0.00	0.00	..	..	..	..	..	..	..	..	..	..
Panama	1.10	1.63	56	..	5	..	3	..	7	..	32	..
Papua New Guinea	0.25	..	..	..	..	..	..	..	..	..	..	..
Paraguay	1.12	2.76	66	..	6	..	0	..	10	..	18	..
Peru	7.69	24.57	33	32	16	8	3	2	11	11	37	46
Philippines	19.83	47.28	29	25	7	3	27	5	9	6	28	61
Poland	28.21	76.42	23	20	6	4	15	24	8	7	48	45
Portugal	17.54	28.61	13	17	18	14	16	15	5	4	48	51
Puerto Rico	24.27	47.99	8	..	3	..	9	..	60	..	20	..
Qatar	..	..	4	2	8	1	0	11	21	21	67	65
Romania	5.17	..	32	18	12	12	13	26	5	6	38	38
Russian Federation	52.13	251.36	19	20	2	2	19	9	8	10	51	59
Rwanda	0.12	0.42	75	..	2	..	..	..	6	..	17	..
Samoa	0.04	0.05	..	..	..	..	..	..	..	..	..	..
San Marino	..	..	..	..	..	..	..	..	..	..	..	..
Sao Tome and Principe	0.00	..	..	..	..	..	..	..	..	..	..	..
Saudi Arabia	18.21	67.20	..	..	..	..	..	..	..	..	..	..
Senegal	0.60	1.86	22	34	4	2	2	2	29	18	43	45
Serbia	1.32	6.00	..	34	..	6	..	10	..	8	..	43
Seychelles	0.12	0.08	..	..	..	..	..	..	..	..	..	..
Sierra Leone	0.02	0.07	..	..	..	..	..	..	..	..	..	..
Singapore	24.01	47.94	3	4	1	0	57	52	14	26	25	18
Sint Maarten (Dutch part)	..	..	..	..	..	..	..	..	..	..	..	..
Slovak Republic	6.32	16.44	10	10	4	5	20	36	7	2	59	47
Slovenia	4.48	8.60	10	9	10	5	17	20	11	16	52	51
Solomon Islands	0.03	0.03	..	..	..	..	..	..	..	..	..	..
Somalia	..	..	..	..	..	..	..	..	..	..	..	..
South Africa	22.93	46.23	15	20	5	3	14	14	7	7	59	56
South Sudan	..	..	..	..	..	..	..	..	..	..	..	..
Spain	94.05	177.85	14	20	7	4	19	21	10	10	51	45
Sri Lanka	2.46	10.78	39	38	31	33	4	2	4	5	22	23
St. Kitts and Nevis	0.03	0.04	..	..	..	..	..	..	..	..	..	..
St. Lucia	0.03	0.04	..	..	..	..	..	..	..	..	..	..
St. Martin (French part)	..	..	..	..	..	..	..	..	..	..	..	..
St. Vincent and the Grenadines	0.02	0.03	..	..	..	..	..	..	..	..	..	..
Sudan	1.02	4.25	66	..	4	..	4	..	4	..	21	..



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	\$ billions		% of total		% of total		% of total		% of total		% of total	
	2000	2011	2000	2009	2000	2009	2000	2009	2000	2009	2000	2009
Suriname	0.07	0.92	..	..	..	..	..	..	..	..	..	..
Swaziland	0.48	1.36	..	..	..	..	..	..	..	..	..	..
Sweden	46.25	77.23	7	19	1	1	35	27	9	16	48	37
Switzerland	43.11	118.90	..	..	..	..	..	..	..	..	..	..
Syrian Arab Republic	1.29	..	..	..	..	..	..	..	..	..	..	..
Tajikistan	0.27	0.71	..	..	..	..	..	..	..	..	..	..
Tanzania	0.89	2.21	45	62	0	8	2	1	7	..	46	29
Thailand	41.23	117.51	18	..	12	..	26	..	6	..	38	..
Timor-Leste	0.01	0.03	..	..	..	..	..	..	..	..	..	..
Togo	0.11	0.30	..	..	..	..	..	..	..	..	..	..
Tonga	0.02	0.03	..	..	..	..	..	..	..	..	..	..
Trinidad and Tobago	0.58	1.34	21	..	1	..	0	..	27	..	51	..
Tunisia	3.50	7.76	19	..	35	..	3	..	10	..	33	..
Turkey	53.51	125.78	18	15	16	16	15	18	10	8	42	43
Turkmenistan	0.29	..	..	..	..	..	..	..	..	..	..	..
Turks and Caicos Islands	..	..	..	..	..	..	..	..	..	..	..	..
Tuvalu	0.00	0.00	..	..	..	..	..	..	..	..	..	..
Uganda	0.44	1.33	64	..	4	..	..	..	11	..	21	..
Ukraine	5.10	20.88	..	..	..	..	..	..	..	..	..	..
United Arab Emirates	9.47	30.76	..	..	..	..	..	..	..	..	..	..
United Kingdom	206.50	226.68	14	19	4	2	25	27	10	13	47	39
United States	1,468.08	1,800.50	13	15	3	2	30	26	12	16	42	42
Uruguay	2.86	5.35	39	48	9	6	3	3	8	10	41	33
Uzbekistan	1.14	5.35	..	..	..	..	..	..	..	..	..	..
Vanuatu	0.01	0.03	..	..	..	..	..	..	..	..	..	..
Venezuela, RB	21.71	50.89	22	..	2	..	..	..	34	..	41	..
Vietnam	5.75	24.42	30	23	21	14	12	15	6	8	31	40
Virgin Islands (U.S.)	..	..	..	..	..	..	..	..	..	..	..	..
West Bank and Gaza	..	..	32	29	21	12	1	1	4	6	41	51
Yemen, Rep.	0.55	1.93	43	..	4	..	1	..	5	..	48	..
Zambia	0.33	1.60	..	..	..	..	..	..	..	..	..	..
Zimbabwe	0.90	1.41	..	..	..	..	..	..	..	..	..	..
World	5,676.63	10,874.83	..	..	..	..	..	..	..	..	..	..
Low income	19.23	52.10	..	..	..	..	..	..	..	..	..	..
Middle income	1,134.72	3,796.63	..	..	..	..	..	..	..	..	..	..
Lower middle income	204.33	718.93	..	..	..	..	..	..	..	..	..	..
Upper middle income	930.52	3,159.50	..	..	..	..	..	..	..	..	..	..
Low & middle income	1,153.68	3,845.04	..	..	..	..	..	..	..	..	..	..
East Asia & Pacific	530.09	2,352.70	..	..	..	..	..	..	..	..	..	..
Europe & Central Asia	93.22	287.23	..	..	..	..	..	..	..	..	..	..
Latin America & Caribbean	348.19	767.38	..	..	..	..	..	..	..	..	..	..
Middle East & North Africa	52.66	..	..	..	..	..	..	..	..	..	..	..
South Asia	87.82	321.18	..	..	..	..	..	..	..	..	..	..
Sub-Saharan Africa	41.15	100.42	..	..	..	..	..	..	..	..	..	..
High income	4,521.56	6,680.06	..	..	..	..	..	..	..	..	..	..
Euro area	1,072.18	1,893.90	..	..	..	..	..	..	..	..	..	..

Most Recent Value (MRV) if data for the specified year or full period are not available; or growth rate is calculated for less than the full period.

About the Data

Manufacturing, value added (current US\$)



Long definition

Manufacturing refers to industries belonging to ISIC divisions 15-37. Value added is the net output of a sector after adding up all outputs and subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. The origin of value added is determined by the International Standard Industrial Classification (ISIC), revision 3. Data are in current U.S. dollars.

Source

World Bank national accounts data, and OECD National Accounts data files.

Food, beverages and tobacco (% of value added in manufacturing)

Long definition

Value added in manufacturing is the sum of gross output less the value of intermediate inputs used in production for industries classified in ISIC major division 3. Food, beverages, and tobacco comprise ISIC division 31.

Source

United Nations Industrial Development Organization, International Yearbook of Industrial Statistics.

Textiles and clothing (% of value added in manufacturing)

Long definition

Value added in manufacturing is the sum of gross output less the value of intermediate inputs used in production for industries classified in ISIC major division 3. Textiles and clothing comprise ISIC division 32.

Source

United Nations Industrial Development Organization, International Yearbook of Industrial Statistics.

Machinery and transport equipment (% of value added in manufacturing)

Long definition

Value added in manufacturing is the sum of gross output less the value of intermediate inputs used in production for industries classified in ISIC major division 3. Machinery and transport equipment comprise ISIC groups 382-84.

Source

United Nations Industrial Development Organization, International Yearbook of Industrial Statistics.

Chemicals (% of value added in manufacturing)

Long definition

Value added in manufacturing is the sum of gross output less the value of intermediate inputs used in production for industries classified in ISIC major division 3. Chemicals comprise ISIC groups 351 and 352.

Source

United Nations Industrial Development Organization, International Yearbook of Industrial Statistics.

Other manufacturing (% of value added in manufacturing)

Long definition

Value added in manufacturing is the sum of gross output less the value of intermediate inputs used in production for industries classified in ISIC major division 3. Other manufacturing includes wood and related products (division 33), paper and paper-related products (division 34), petroleum and related products (groups 353-56), basic metals and mineral products (divisions 36 and 37), fabricated metal products and professional goods (groups 381 and 385), and other industries (group 390). Includes unallocated data. When data for textiles, machinery, or chemicals are shown as not available, they are included in other manufacturing.

Source

United Nations Industrial Development Organization, International Yearbook of Industrial Statistics.

Please see the online table at <http://wdi.worldbank.org/table/4.3> for observation-level metadata, which can be downloaded in Excel.