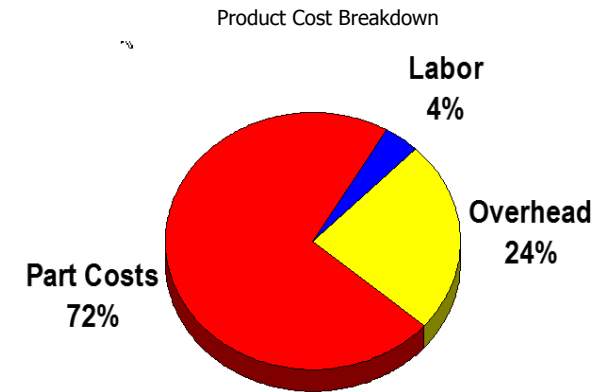


Material Costs 2023

Metals & Assort Material

Alum.	\$ 0.97 /lb
Copper	\$ 3.61 /lb
Lead	\$ 0.95 /lb
Nickel	\$ 8.46/lb
Tin	\$ 11.59 /lb
Zinc	\$ 1.11 /lb
Steel	\$ 1.64 /lb
Gold	\$ 1949.8 troy oz
Silver	\$ 22.87 oz
Oil(wti)	\$ 90.56 /barrel
Gas	\$ 2.94 MMBTU
Rubber	\$ 1.55 /lb
Silicone	\$ 6.40 /lb fully processed
TP"X"	\$ 3.45 /lb fully processed
40 HC China Oakland	\$15 K



Source : The True Cost of Oversea Manufacturing June 2004 N. Dewhurst & D. Meeker

Plastics

ABS	\$ 1.31 /lb
ABS (ext)	\$ 1.01 /lb
Polycarbonite	\$ 2.00 /lb
Nylon	\$ 3.00 /lb
HDPE blowmold	\$ 0.74 /lb
PP	\$ 0.59 /lb
LDPE	\$ 0.87 /lb
HDPE	\$ 0.79/lb
PET	\$ 0.72/lb

Sources of data:

www.indexmundi.com, www.lme.com, eia.gov, www.chemicaldata.com, www.ptonline.com

Labor Rates

Country	Hourly Compensation, Manufacturing Sector
NA	
Argentina	\$20.30
Australia	\$42.47
Austria	\$38.28
Bangladesh	\$1.06
Belgium	\$44.14
Brazil	\$8.75
Bulgaria	\$5.20
Canada	\$31.48
Chile	\$7.30
China	\$5.06
Colombia	\$5.24
Czech Republic	\$11.14
Denmark	\$46.58
Egypt	\$1.28
Finland	\$36.55
France	\$37.14
Germany	\$43.12
Hungary	\$8.83
India	\$3.59
Indonesia	\$1.83
Ireland	\$32.38
Israel	\$22.35
Italy	\$31.76
Japan	\$31.89
Korea, South	\$21.91
Malaysia	\$4.06
Mexico	\$4.03
Morocco	\$2.19
Netherlands	\$36.80
Norway	\$51.86
Pakistan	\$1.54
Peru	\$3.75
Philippines	\$2.65
Poland	\$9.55
Portugal	\$9.76
Romania	\$5.63
Russia	\$4.79

Saudi Arabia	\$7.86
Serbia	\$4.28
Singapore	\$24.98
Slovakia	\$10.82
South Africa	\$7.54
Spain	\$23.16
Sweden	\$40.54
Switzerland	\$57.62
Taiwan	\$10.64
Thailand	\$2.65
Turkey	\$4.76
Ukraine	\$2.63
United Arab Emirates	\$13.13
United Kingdom	\$26.65
United States	\$40.48
Venezuela	\$0.95
Vietnam	\$2.56

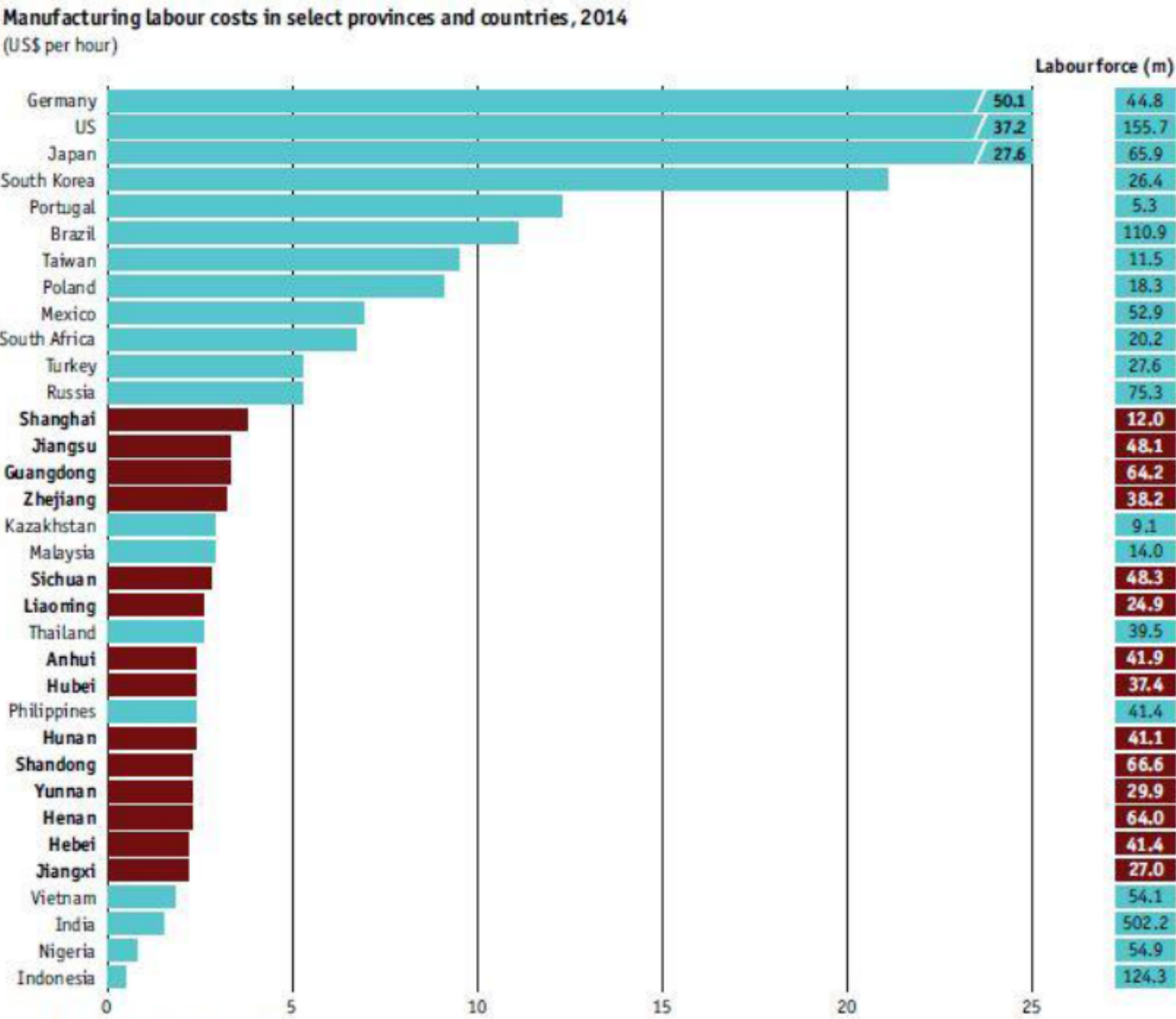
Labor rates with benefits Jan 2022

Manufacturing Hourly Wage by Chinese Province

	Hourly Compensation, Manufacturing Sector
National Total	\$ 5.06
Beijing Municipality	\$ 9.16
Shanghai Municipality	\$ 9.41
Tianjin Municipality	\$ 7.51
Fujian Province	\$ 4.78
Guangdong Province	\$ 5.49
Hebei Province	\$ 4.66
Jiangsu Province	\$ 5.86
Liaoning Province	\$ 4.74
Shandong Province	\$ 5.02
Zhejiang Province	\$ 4.78
Chongqing Municipality	\$ 5.57
Anhui Province	\$ 5.83
Hainan Province	\$ 5.15
Heilongjiang Province	\$ 3.99
Henan Province	\$ 4.38
Hubei Province	\$ 5.21
Hunan Province	\$ 4.36
Jiangxi Province	\$ 4.64
Jilin Province	\$ 4.51
Sichuan Province	\$ 5.39
Gansu Province	\$ 4.60
Guizhou Province	\$ 5.20
Qinghai Province	\$ 5.29
Shaanxi Province	\$ 4.84
Shanxi Province	\$ 4.41
Yunnan Province	\$ 4.49



Manufacturing Labor Cost



Source: The Economist Intelligence Unit.