

1. Appendix to Exchange Rates and Jobs: What Do We Learn From Job Flows?

SIC codes for tradable and nontradable industries.

This appendix reports the 4-digit SIC codes of the traded and non-traded industries. For each four digit industry, Tables 12 and 13 report the average import penetration and export share (last two columns). The table also reports the average employment share of the nontradable, exporters and import competing industries at the one and two digit levels (odd numbers in the labor share column) as well as the decomposition of the total labor force in each sector by industry. For instance, 28% of Instruments (SIC 38) employment is in export industries and 4.06% in import competing industries. Conversely, Instruments represents about 2.06% of Import competing employment and 8% of Exporters' employment. This last number is obtained by summing the appropriate 4 digit labor shares (1.43% + 4.17% + 2.31%).

Table 12: || ondurables SIC codes, sector classification, exposure and labor share
Source: I R D , || B E R T trade database and author's calculations

Code	Sector	NonTraded	Export <i>Labor Share</i>	Import Comp.	Import Pen.	Export Share
	NONDURABLE GOODS	22.94%	2.14%	5.41%		
	Food and Kindred Products	52.05%	2.63%	2.51%		
2016	Poultry dressing plants	7.02%			0.18%	2.97%
2017	Poultry and egg processing	1.18%			0.19%	2.97%
2022	Cheese, natural and processed	1.87%			3.50%	0.23%
2024	Ice cream and frozen desserts	0.97%			0.01%	0.11%
2026	Fluid milk	3.12%			0.05%	0.11%
2032	Canned specialties	1.68%			0.47%	0.97%
2034	Dried and dehydrated fruits, vegetables and soup mixes		1.00%		5.13%	16.25%
2038	Frozen specialties	2.69%			0.74%	0.42%
2044	Rice milling		0.36%		1.65%	52.40%
2048	Prepared feeds and feed ingredients for animals and fowls, not elsewhere classified	1.68%			0.41%	2.34%
2051	Bread and other bakery products, except cookies and crackers	7.51%			0.74%	0.26%
2052	Cookies and crackers	2.68%			0.75%	0.26%
2075	Soybean oil mills		0.57%		0.08%	18.09%
2076	Vegetable oil mills, except corn, cottonseed, and soybean		0.08%		9.66%	34.44%
2077	Animal and marine fats and oils		0.76%		3.40%	33.10%
2082	Malt beverages	2.38%			4.36%	0.48%
2084	Wines, brandy, and brandy spirits			0.78%	26.89%	1.55%
2085	Distilled, rectified, and blended liquors			1.26%	24.39%	3.69%
2086	Bottled and canned soft drinks and carbonated waters				0.47%	0.32%
2091	Canned and cured fish and seafoods			1.32%	30.34%	22.45%
2092	Fresh or frozen packaged fish and seafoods	1.99%			0.00%	19.24%
2097	Manufactured ice	0.23%			0.68%	0.20%
2098	Macaroni, spaghetti, vermicelli, and noodles	0.42%			5.20%	0.41%
	Tobacco Manufactures	16.45%				
2141	Tobacco stemming and redrying	0.55%			0.00%	0.80%
	Textile mill products			2.13%		
2279	Carpets and rugs, not elsewhere classified			0.20%	53.29%	3.60%
2298	Cordage and twine			0.74%	22.62%	4.37%
2299	Textile goods, not elsewhere classified			0.52%	48.40%	16.78%
	Apparel and other textile product	2.34%		2.02%		
2381	Dress and work gloves, except knit and all-leather			0.96%	35.07%	5.01%
2385	Raincoats and other waterproof outer garments			1.19%	44.31%	5.82%
2386	Leather and sheep lined clothing			0.65%	60.55%	9.77%
2396	Automotive trimmings, apparel findings, and related products machine embroideries	1.79%			0.52%	0.41%
	Paper and allied products	29.12%	2.38%	23.04%		
2611	Pulp mills		1.09%	1.42%	35.07%	50.69%
2621	Paper mills, except building paper mills			12.47%	15.83%	4.65%
2642	Envelopes	1.54%			0.14%	0.34%
2651	Folding paperboard boxes	2.68%			0.28%	0.69%
2652	Set-up paperboard boxes	0.88%			0.28%	2.68%
2653	Corrugated and solid fiber boxes	5.86%			0.28%	0.79%
	Print and publishing	54.17%				
2711	Newspapers: publishing, publishing and printing	12.17%			0.24%	0.06%
2721	Periodicals: publishing, publishing and printing	1.11%			0.60%	2.85%
2741	Miscellaneous publishing	1.45%			0.97%	0.54%
2761	Manifold business forms	3.09%			1.52%	0.11%
	Chemicals and allied products		11.83%	1.65%		
2819	Industrial inorganic chemicals, not elsewhere classified		4.09%		13.54%	19.57%
2822	Synthetic rubber (vulcanizable elastomers)		0.67%		8.39%	21.50%
2833	Medicinal chemicals and botanical products		0.72%	0.95%	29.42%	49.95%
	Petroleum and coal products		1.10%			
2999	Products of petroleum and coal, not elsewhere classified		0.08%		4.62%	53.58%
	Rubber and misc. plastic products			2.75%		
3021	Rubber and plastics footwear			1.99%	42.81%	4.11%
	Leather and leather goods			67.28%		
3143	Men's footwear, except athletic			5.09%	26.52%	2.59%
3144	Women's footwear, except athletic			5.48%	46.69%	1.50%
3149	Footwear, except rubber, not elsewhere classified			2.18%	65.24%	8.59%
3151	Leather gloves and mittens			0.50%	29.99%	5.65%
3171	Women's handbags and purses			1.73%	45.83%	2.41%

Table 13: Durable SIC codes, sector classification, exposure and labor share

Source: L R D, II B E R Trade database and author's calculations

Code	Sector	NonTraded	Export <i>Labor Share</i>	Import Comp.	Import Pen.	Export Share
	DURABLE GOODS	6.61%	15.94%	5.84%		
	Lumber and Wood Products	4.23%	12.34%	3.22%		
2411	Logging camps and logging contractors		5.14%		0.89%	18.73%
2435	Hardwood veneer and plywood			2.11%	29.30%	6.45%
2441	Nailed and lock corner wood boxes and shook	0.54%			0.94%	0.49%
2448	Wood pallets and skids	1.54%			0.94%	0.77%
	Furniture and fixtures	7.72%				
2515	Mattresses and bedsprings	1.54%			6.75%	0.65%
	Stone, clay and glass products	32.12%		4.27%		
3251	Brick and structural clay tile	1.20%			1.62%	0.71%
3253	Ceramic wall and floor tile			0.81%	32.35%	1.73%
3262	Vitreous china table and kitchen articles			0.64%	43.79%	5.92%
3269	Pottery products, not elsewhere classified			0.99%	51.93%	12.22%
3271	Concrete block and brick	0.96%			0.46%	0.10%
3272	Concrete products, except block and brick	3.55%			0.46%	0.34%
3273	Ready-mixed concrete	4.75%			0.01%	0.00%
	Primary metal industries			3.81%		
3313	Electrometallurgical products			0.65%	37.33%	6.85%
3333	Primary smelting and refining of zinc			0.32%	48.08%	1.04%
3339	Primary smelting and refining of nonferrous metals, not elsewhere classified			0.79%	56.58%	67.42%
3341	Secondary smelting and refining of nonferrous metals			1.49%	27.79%	15.21%
	Fabricated metal products	14.78%				
3411	Metal cans	3.55%			0.91%	0.49%
	Machinery, except electrical		37.14%	1.90%		
3519	Internal combustion engines, not elsewhere classified		5.22%		11.60%	20.84%
3531	Construction machinery and equipment		8.23%		8.07%	32.06%
3532	Mining machinery and equipment, except oil field machinery and equipment		1.31%		8.07%	22.99%
3533	Oil field machinery and equipment		3.22%		8.07%	55.07%
3542	Machine tools, metal forming types		1.31%		9.91%	27.04%
3547	Rolling mill machinery and equipment		0.42%		11.78%	24.95%
3551	Food products machinery		1.87%		14.01%	18.89%
3552	Textile machinery		1.48%	1.93%	38.89%	27.77%
3554	Paper Industries machinery		0.92%		17.80%	21.17%
3555	Printing trades machinery and equipment		1.42%		17.45%	24.48%
3561	Pumps and pumping equipment		3.51%		5.66%	16.83%
3563	Air and gas compressors		1.58%		10.53%	23.27%
3573	Electronic computing equipment		10.22%		14.09%	28.09%
3574	Calculating and accounting machines, except electronic computing equipment			1.05%	31.34%	17.77%
	Electrical and electronic equipment		10.08%	3.61%		
3636	Sewing machines		0.35%	0.46%	53.79%	46.11%
3651	Radio and television receiving except communication			5.62%	47.80%	13.38%
3674	Semiconductors and related devices		7.41%		24.87%	30.71%
3693	X-Ray Equipment		1.56%		15.88%	27.31%
	Transportation equipment	8.77%	30.08%	20.41%		
3711	Motor vehicles and passenger car bodies			30.87%	23.38%	7.82%
3713	Truck and bus bodies			4.17%	23.38%	7.82%
3721	Aircraft		12.60%		3.56%	30.84%
3724	Aircraft engines and engine parts		6.73%		6.43%	18.90%
3728	Aircraft parts and auxiliary equipment, not elsewhere classified		7.73%		9.10%	39.09%
3731	Ship building and repairing	9.59%			0.00%	4.77%
3751	Motorcycles, bicycles, and parts			1.27%	52.75%	10.85%
	Instruments and related products		28.00%	4.06%		
3823	Industrial instruments for measurement, display, and control of process variables		2.31%		8.51%	20.24%
3825	Instruments for measuring and testing of electricity and electrical signals		4.17%		8.50%	25.16%
3829	Measuring and controlling devices, not elsewhere classified		1.43%		8.50%	47.84%
3873	Watches, clocks, clockwork operated devices, and parts			2.06%	43.37%	8.71%
	Misc. manufacturing industries	17.83%	1.81%	16.23%		
3911	Jewelry, precious metal			2.87%	42.68%	6.58%
3914	Silverware, plated ware, and stainless steel ware			0.84%	22.95%	7.39%
3915	Jewelers' findings and materials, and lapidary work		0.43%	0.57%	43.11%	66.05%
3942	Dolls			0.65%	57.03%	6.40%
3962	Feathers, plumes, and artificial trees and flowers			0.40%	37.35%	4.22%
3993	Signs and advertising displays	2.87%			0.33%	1.04%