

MATERIALS INDUSTRY FINANCIAL TRANSACTION VALUATION (PREMIUMS)

Chemicals Sector Premiums					
	United States and Canada (22 transactions)	Europe (38 transactions)	Asia and Pacific (145 transactions)	Africa and Middle East (15 transactions)	Latin America (6 transactions)
Min	-29.0%	-17.9%	-97.7%		
Average	42.9%	21.3%	32.1%	47.9%	85.3%
Median	43.2%	8.4%	15.4%		
Max	132.7%	184.8%	337.5%		
Standard Deviation	37.4%	42.5%	67.3%		

Construction Materials Sector Premiums					
	United States and Canada (5 transactions)	Europe (16 transactions)	Asia and Pacific (38 transactions)	Africa and Middle East (9 transactions)	Latin America (5 transactions)
Min	-24.3%	-8.9%	-57.7%		
Average	-1.2%	9.4%	16.3%	7.1%	1.2%
Median	-12.7%	6.7%	11.6%		
Max	56.7%	39.2%	98.9%		
Standard Deviation	29.3%	14.0%	29.9%		

Note: Due to low number of recorded transactions in Africa, Middle East and Latin America we are providing only the average premiums

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Containers and Packaging Sector Premiums

	United States and Canada (12 transactions)	Europe (16 transactions)	Asia and Pacific (40 transactions)	Africa and Middle East (3 transactions)	Latin America (2 transactions)
Min	-98.2%	-67.3%	-87.6%		
Average	40.9%	25.0%	19.8%	11.5%	38.8%
Median	34.3%	7.8%	21.2%		
Max	203.5%	247.9%	227.3%		
Standard Deviation	67.7%	71.2%	54.4%		

Metal and Mining Sector Premiums

	United States and Canada (341 transactions)	Europe (94 transactions)	Asia and Pacific (265 transactions)	Africa and Middle East (22 transactions)	Latin America (22 transactions)
Min	-99.9%	-100.0%	-98.5%		
Average	33.4%	28.9%	27.4%	7.1%	12.4%
Median	21.4%	8.0%	16.3%		
Max	628.3%	818.3%	324.3%		
Standard Deviation	85.4%	100.6%	59.8%		

Note: Due to low number of recorded transactions in Africa, Middle East and Latin America we are providing only the average premiums

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Paper and Forest Products Sector Premiums

	United States and Canada (8 transactions)	Europe (12 transactions)	Asia and Pacific (36 transactions)	Africa and Middle East (2 transactions)	Latin America (6 transactions)
Min	-40.5%	-94.4%	-80.1%		
Average	18.2%	-6.5%	15.3%	28.1%	-33.3%
Median	13.6%	2.6%	-2.7%		
Max	72.7%	30.5%	256.3%		
Standard Deviation	34.4%	35.1%	66.1%		

Note: Due to low number of recorded transactions in Africa, Middle East and Latin America we are providing only the average premiums