Trading Details of Short Selling by Industry for 2019/5/13 Tokyo Stock Exchange, Inc.

(Mil. ven)

							(Mil. yen)
Industry	Selling excluding short selling		Short selling with price restrictions		Short selling without price restrictions		Total
	Trading Value	% of Total	Trading Value	% of Total	Trading Value	% of Total	(d)
Fishers Assistation 9 Faceston	(a)	(a)/(d)	(b)	(b)/(d)	(c)	(c)/(d)	2.210
Fishery, Agriculture & Forestry	1,876	56.5%	1,327	40.0%	115	3.5%	3,318
Mining	4,101	53.0%	3,527	45.6%	111	1.4%	7,739
Construction	45,561	53.6%	36,803	43.3%	2,578	3.0%	84,943
Foods	37,158	50.1%	34,066	45.9%	2,956	4.0%	74,180
Textiles & Apparels	6,425	49.5%	5,903	45.5%	645	5.0%	12,973
Pulp & Paper	4,056	48.1%	4,150	49.2%	234	2.8%	8,439
Chemicals	77,464	48.7%	73,733	46.3%	7,904	5.0%	159,101
Pharmaceutical	74,559	57.4%	50,918	39.2%	4,476	3.4%	129,953
Oil & Coal Products	13,278	59.5%	8,480	38.0%	542	2.4%	22,300
Rubber Products	7,940	44.4%	9,166	51.3%	775	4.3%	17,881
Glass & Ceramics Products	18,051	54.3%	13,421	40.3%	1,793	5.4%	33,265
Iron & Steel	9,156	41.1%	12,219	54.9%	882	4.0%	22,256
Nonferrous Metals	9,817	41.9%	12,803	54.7%	786	3.4%	23,406
Metal Products	11,585	46.0%	12,272	48.8%	1,315	5.2%	25,172
Machinery	75,550	48.7%	71,003	45.8%	8,550	5.5%	155,104
Electric Appliances	161,597	46.2%	169,196	48.4%	18,974	5.4%	349,767
Transportation Equipment	57,527	47.5%	56,819	46.9%	6,730	5.6%	121,075
Precision Instruments	28,134	51.6%	24,751	45.4%	1,681	3.1%	54,566
Other Products	33,637	49.6%	25,142	37.1%	9,018	13.3%	67,797
Electric Power & Gas	14,303	47.8%	13,946	46.6%	1,685	5.6%	29,934
Land Transportation	24,583	47.9%	25,031	48.8%	1,678	3.3%	51,292
Marine Transportation	2,883	42.7%	3,368	49.9%	494	7.3%	6,744
Air Transportation	5,001	59.2%	3,107	36.8%	339	4.0%	8,446
Warehousing & Harbor Transportation Services	1,913	46.4%	2,123	51.5%	84	2.0%	4,120
Information & Communication	202,846	57.0%	133,515	37.5%	19,300	5.4%	355,661
Wholesale Trade	50,459	53.4%	40,854	43.2%	3,164	3.3%	94,477
Retail Trade	99,663	49.4%	86,209	42.8%	15,751	7.8%	201,623
Banks	50,609	50.0%	44,518	44.0%	6,045	6.0%	101,172
Securities & Commodity Futures	8,342	49.1%	7,852	46.2%	799	4.7%	16,993
Insurance	15,028	56.6%	10,670	40.2%	848	3.2%	26,545
Other Financing Business	15,634	57.9%	10,421	38.6%	928	3.4%	26,983
Real Estate	26,489	51.3%	23,062	44.7%	2,099	4.1%	51,650
Services	106,760	55.4%	74,644	38.7%	11,437	5.9%	192,840
Others (excluding the above 33 industries)	104,434	51.3%	82,889	40.7%	16,291	8.0%	203,613
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(Note 1) Figures in "Others (excluding the above 33 industries)" indicate the total for ETFs, REITs and preferred equity contribution securities.

(Note 2) Figures represent the total including foreign stocks, etc. (rough calculation).

(Note 3) Short selling includes margin trading.