

Table I: Taiwan imports of certain flat-rolled steel products plated or coated with zinc or zinc-alloys, in absolute terms and relative terms

Items/Years	2016	2017	2018	2019	2020	2021
1. Taiwan imports						
Imports from countries concerned (metric ton)	203,723	42,501	20,282	41,750	18,284	39,364
% change from base year ¹		-79.1	-90.0	-79.5	-91.0	-80.7
% change from previous year		-79.1	-52.3	105.8	-56.2	115.3
China (metric ton)	178,112	42,386	20,129	41,447	18,225	39,339
% change from base year ¹		-76.2	-88.7	-76.7	-89.8	-77.9
% change from previous year		-76.2	-52.5	105.9	-56.0	115.9
Korea (metric ton)	25,611	115	153	303	59	25
% change from base year		-99.6	-99.4	-98.8	-99.8	-99.9
% change from previous year		-99.6	33.0	98.0	-80.5	-57.6
Imports from other countries (metric ton)	155,009	213,518	158,440	159,878	163,740	132,569
% change from base year		37.7	2.2	3.1	5.6	-14.5
% change from previous year		37.7	-25.8	0.9	2.4	-19.0
Total imports(metric ton)	358,732	256,019	178,722	201,628	182,024	171,933
% change from base year		-28.6	-50.2	-43.8	-49.3	-52.1
% change from previous year		-28.6	-30.2	12.8	-9.7	-5.5
2. Domestic sales (metric ton)	1,452,226	1,325,390	1,247,484	1,293,832	1,381,599	1,229,503
% change from base year		-8.7	-14.1	-10.9	-4.9	-15.3
% change from previous year		-8.7	-5.9	3.7	6.8	-11.0
3. Apparent consumption²(metric ton)	1,810,958	1,581,409	1,426,206	1,495,460	1,563,623	1,401,436
% change from base year		-12.7	-21.2	-17.4	-13.7	-22.6
% change from previous year		-12.7	-9.8	4.9	4.6	-10.4
4. Shares of import market (%)						
Imports from countries concerned (%)	56.8	16.6	11.3	20.7	10.0	22.9
% change from base year		-70.8	-80.0	-63.5	-82.3	-59.7
% change from previous year		-70.8	-31.6	82.5	-51.5	127.9
China (%)	49.7	16.6	11.3	20.6	10.0	22.9
% change from base year		-66.7	-77.3	-58.6	-79.8	-53.9
% change from previous year		-66.7	-32.0	82.5	-51.3	128.5
Korea (%)	7.1	0.0	0.1	0.2	0.0	0.0
% change from base year		-99.4	-98.8	-97.9	-99.5	-99.8
% change from previous year		-99.4	90.6	75.5	-78.4	-55.1
Imports from other countries(%)	43.2	83.4	88.7	79.3	90.0	77.1
% change from base year		93.0	105.2	83.5	108.2	78.4
% change from previous year		93.0	6.3	-10.6	13.4	-14.3
5. Market shares(%)						
Domestic producers' sales (%)	80.2	83.8	87.5	86.5	88.4	87.7
% change from base year		4.5	9.1	7.9	10.2	9.4
% change from previous year		4.5	4.4	-1.1	2.1	-0.7
Imports from countries concerned (%)	11.2	2.7	1.4	2.8	1.2	2.8
% change from base year		-76.1	-87.4	-75.2	-89.6	-75.0
% change from previous year		-76.1	-47.1	96.3	-58.1	140.2

Table I: Taiwan imports of certain flat-rolled steel products plated or coated with zinc or zinc-alloys, in absolute terms and relative terms

Items/Years	2016	2017	2018	2019	2020	2021
China (%)	9.8	2.7	1.4	2.8	1.2	2.8
% change from base year		-72.7	-85.6	-71.8	-88.1	-71.5
% change from previous year		-72.7	-47.3	96.4	-57.9	140.8
Korea (%)	1.4	0.0	0.0	0.0	0.0	0.0
% change from base year		-99.5	-99.2	-98.6	-99.7	-99.9
% change from previous year		-99.5	47.5	88.9	-81.4	-52.7
Imports from other countries (%)	8.6	13.5	11.1	10.7	10.5	9.5
% change from base year		57.7	29.8	24.9	22.3	10.5
% change from previous year		57.7	-17.7	-3.8	-2.0	-9.7
6. Imports relative to the Taiwan production						
Taiwan production(mertic ton)	3,448,235	3,498,207	3,305,480	2,881,290	2,929,127	3,239,338
Imports from countries concerned (%)	5.9	1.2	0.6	1.4	0.6	1.2
% change from base year		-79.4	-89.6	-75.5	-89.4	-79.4
% change from previous year		-79.4	-49.5	136.2	-56.9	94.7
China (%)	5.2	1.2	0.6	1.4	0.6	1.2
% change from base year		-76.5	-88.2	-72.2	-88.0	-76.5
% change from previous year		-76.5	-49.7	136.2	-56.7	95.2
Korea (%)	0.7	0.0	0.0	0.0	0.0	0.0
% change from base year		-99.6	-99.4	-98.6	-99.7	-99.9
% change from previous year		-99.6	40.8	127.2	-80.8	-61.7
Imports from other countries (%)	4.5	6.1	4.8	5.5	5.6	4.1
% change from base year		35.8	6.6	23.4	24.4	-9.0
% change from previous year		35.8	-21.5	15.8	0.7	-26.8

Source:

1.Import data were compiled from 'Trade Statistics Search' dated April 21, 2022, the official website of the Customs Administration, Ministry of Finance, using reference CCC Codes except the followings:

(1) presumably alloy steel: 72259100005, 72259200004, 72259910005, 72269910004, 72269920002;

(2) excluded subject products: 72104900611, 72104900620, 72104900639.

2. Data concerning the domestic industry is based on questionnaire responses from the six domestic producers.

Note:

1.The base year is the first year the data is available.

2.Apparent consumption=Domestic sales+Total imports.

Table II: Weighted-average prices of domestic and imported certain certain flat-rolled steel products plated or coated with zinc or zinc-alloys

Unit:NT\$/metric ton

Items/Years	2016	2017	2018	2019	2020	2021
1. Price of domestic sales	17,929	21,312	22,860	21,366	19,698	29,732
% change from the base year		18.9	27.5	19.2	9.9	65.8
% change from the previous year		18.9	7.3	-6.5	-7.8	50.9
2. Manufacturing cost of domestic sales	***	***	***	***	***	***
% change from the base year		24.0	34.9	31.5	16.8	62.8
% change from the previous year		24.0	8.8	-2.6	-11.2	39.4
3. Price of export sales	19,979	22,817	24,107	22,611	20,441	31,504
% change from the base year		14.2	20.7	13.2	2.3	57.7
% change from the previous year		14.2	5.7	-6.2	-9.6	54.1
4. Import prices (weighted-average CIF)						
Imports from countries concerned	14,397	21,378	23,269	21,018	20,186	28,935
% change from base year		48.5	61.6	46.0	40.2	101.0
% change from previous year		48.5	8.8	-9.7	-4.0	43.3
China	14,027	21,141	22,961	20,418	19,908	28,850
% change from base year		50.7	63.7	45.6	41.9	105.7
% change from previous year		50.7	8.6	-11.1	-2.5	44.9
Korea	16,972	108,643	63,817	103,198	105,983	161,320
% change from base year		540.1	276.0	508.1	524.5	850.5
% change from previous year		540.1	-41.3	61.7	2.7	52.2
Imports from other countries	20,756	22,112	23,909	23,033	20,783	27,357
% change from the base year		6.5	15.2	11.0	0.1	31.8
% change from the previous year		6.5	8.1	-3.7	-9.8	31.6
Total Imports	17,145	21,990	23,837	22,616	20,723	27,719
% change from the base year		28.3	39.0	31.9	20.9	61.7
% change from the previous year		28.3	8.4	-5.1	-8.4	33.8
5. Price undercutting² by						
Imports from countries concerned	3,532	-66	-409	348	-488	797
ratio (%)	19.7	-0.3	-1.8	1.6	-2.5	2.7
China	3,902	171	-101	949	-211	881
ratio (%)	21.8	0.8	-0.4	4.4	-1.1	3.0
Korea	957	-87,332	-40,957	-81,832	-86,285	-131,588
ratio (%)	5.3	-409.8	-179.2	-383.0	-438.0	-442.6
Imports from other countries	-2,827	-800	-1,050	-1,667	-1,085	2,374
ratio (%)	-15.8	-3.8	-4.6	-7.8	-5.5	8.0

Source:

1.Import data were compiled from 'Trade Statistics Search' dated April 21, 2022, the official website of the Customs Administration, Ministry of Finance, using reference CCC Codes except the followings:

(1) presumably alloy steel: 72259100005, 72259200004, 72259910005, 72269910004, 72269920002;

(2) excluded subject products: 72104900611, 72104900620, 72104900639.

2. Data concerning the domestic industry is based on questionnaire responses from the six domestic producers

Note:

1.The base year is the first year the data is available.

2.Price undercutting = price of domestic sales - the CIF price of subject import. Ratio: price undercutting ÷ price of domestic sales × 100%.

Table III: Summary data on the domestic industry of certain flat-rolled steel products plated or coated with zinc or zinc-alloys

Items/Years	2016	2017	2018	2019	2020	2021
1. Production (metric ton)	3,448,235	3,498,207	3,305,480	2,881,290	2,929,127	3,239,338
% change from base year ¹		1.4	-4.1	-16.4	-15.1	-6.1
% change from previous year		1.4	-5.5	-12.8	1.7	10.6
2. Productivity(metric ton/1000 working hours)	2,755	2,655	2,564	2,303	2,381	2,645
% change from base year		-3.6	-6.9	-16.4	-13.6	-4.0
% change from previous year		-3.6	-3.4	-10.2	3.4	11.1
3. Utilization of capacity(%)	82.2	84.0	80.9	70.5	71.7	79.2
% change from base year		2.1	-1.7	-14.3	-12.9	-3.6
% change from previous year		2.1	-3.7	-12.8	1.7	10.6
4. Inventories (metric ton)	225,459	258,970	212,963	177,145	206,617	254,150
% change from base year		14.9	-5.5	-21.4	-8.4	12.7
% change from previous year		14.9	-17.8	-16.8	16.6	23.0
The proportion of inventories to production (%)	6.5	7.4	6.4	6.1	7.1	7.8
% change from base year		13.2	-1.5	-6.0	7.9	20.0
% change from previous year		13.2	-13.0	-4.6	14.7	11.2
5. Domestic Sales (metric ton)	1,452,226	1,325,390	1,247,484	1,293,832	1,381,599	1,229,503
% change from base year		-8.7	-14.1	-10.9	-4.9	-15.3
% change from previous year		-8.7	-5.9	3.7	6.8	-11.0
6. Export sales (metric ton)	1,389,452	1,602,274	1,601,743	1,154,279	1,048,789	1,395,766
% change from base year		15.3	15.3	-16.9	-24.5	0.5
% change from previous year		15.3	0.0	-27.9	-9.1	33.1
7. Market share (%)	80.2	83.8	87.5	86.5	88.4	88
% change from base year		4.5	9.1	7.9	10.2	9.4
% change from previous year		4.5	4.4	-1.1	2.1	-0.7
8. Price of domestic sales(NT\$/metric ton)	17,929	21,312	22,860	21,366	19,698	29,732
% change from base year		18.9	27.5	19.2	9.9	65.8
% change from previous year		18.9	7.3	-6.5	-7.8	50.9
9. Price of export sales (NT\$/metric ton)	19,979	22,817	24,107	22,611	20,441	31,504
% change from base year		14.2	20.7	13.2	2.3	57.7
% change from previous year		14.2	5.7	-6.2	-9.6	54.1
10. Operating Profit (1,000 NTS)	4,363,204	2,030,434	1,055,506	-1,912,279	-731,517	8,146,011
% change from base year		-53.5	-75.8	-143.8	-116.8	86.7
% change from previous year		-53.5	-48.0	-281.2	61.7	1,213.6
Operating Profit for domestic sales	1,672,215	672,351	160,875	-1,074,057	-70,977	3,656,079
Operating Profit for export sales	2,690,990	1,358,084	894,631	-838,221	-660,540	4,489,931
11. Incomes before income taxes (1,000NT\$)	4,512,449	1,600,080	37,378	-2,621,776	-615,232	10,159,027
% change from base year		-64.5	-99.2	-158.1	-113.6	125.1
% change from previous year		-64.5	-97.7	-7,114.2	76.5	1,751.3
12. Return of Investment (%)	3.23	0.90	-0.75	-3.34	-0.30	6.56
% change from base year		-72.3	-123.3	-203.4	-109.3	102.8
% change from previous year		-72.3	-184.0	-344.1	91.0	2,274.3
13. Cash Flow (1,000 NTS)	3,451,352	1,521,436	3,150,401	859,630	2,714,228	4,082,568
% change from base year		-55.9	-8.7	-75.1	-21.4	18.3
% change from previous year		-55.9	107.1	-72.7	215.7	50.4

Table III: Summary data on the domestic industry of certain flat-rolled steel products plated or coated with zinc or zinc-alloys

Items/Years	2016	2017	2018	2019	2020	2021
14. Employment (person)	560	582	569	555	542	536
% change from base year		3.9	1.6	-0.9	-3.2	-4.3
% change from previous year		3.9	-2.3	-2.4	-2.4	-1.1
15. Hourly wages (NT\$)	474	464	494	469	435	642
% change from base year		-2.1	4.3	-1.0	-8.1	35.5
% change from previous year		-2.1	6.5	-5.0	-7.2	47.4

Source: Data concerning the domestic industry is based on questionnaire responses from the six domestic producers

Note:

1. The base year is the first year the data is available.

Table IV: Summary data on the industry of certain flat-rolled steel products plated or coated with zinc or zinc-alloys in the countries concerned

Items/Years	105	106	107	108	109	110
1. Production (mertic ton)						
China	23,198,546	24,605,245	23,954,341	22,774,466	22,683,945	24,432,417
% change from base year ¹		6.1	3.3	-1.8	-2.2	5.3
% change from previous year		6.1	-2.6	-4.9	-0.4	7.7
Korea	9,867,495	10,289,942	9,877,061	9,798,280	8,863,603	9,279,752
% change from base year		4.3	0.1	-0.7	-10.2	-6.0
% change from previous year		4.3	-4.0	-0.8	-9.5	4.7
2. Capacity(mertic ton)						
China	59,950,000	61,320,000	62,720,000	63,120,000	64,130,000	64,130,000
% change from base year		2.3	4.6	5.3	7.0	7.0
% change from previous year		2.3	2.3	0.6	1.6	0.0
Korea	16,035,000	16,035,000	16,035,000	16,035,000	16,035,000	16,035,000
% change from base year		0.0	0.0	0.0	0.0	0.0
% change from previous year		0.0	0.0	0.0	0.0	0.0
3. Utilization of capacity(%)						
China	38.7	40.1	38.2	36.1	35.4	38.1
% change from base year		3.7	-1.3	-6.8	-8.6	-1.5
% change from previous year		3.7	-4.8	-5.5	-2.0	7.7
Korea	61.5	64.2	61.6	61.1	55.3	57.9
% change from base year		4.3	0.1	-0.7	-10.2	-6.0
% change from previous year		4.3	-4.0	-0.8	-9.5	4.7
4. Inventories (mertic ton)						
China	655,745	552,800	466,184	346,292	380,876	513,882
% change from base year		-15.7	-28.9	-47.2	-41.9	-21.6
% change from previous year		-15.7	-15.7	-25.7	10.0	34.9
Korea	326,286	445,969	423,922	525,760	450,875	507,766
% change from base year		36.7	29.9	61.1	38.2	55.6
% change from previous year		36.7	-4.9	24.0	-14.2	12.6
5. Export sales (mertic ton)						
China	11,026,252	10,712,946	10,602,576	10,493,724	9,260,536	13,011,564
% change from base year		-2.8	-3.8	-4.8	-16.0	18.0
% change from previous year		-2.8	-1.0	-1.0	-11.8	40.5
Korea	4,520,464	4,732,535	5,014,611	4,896,688	4,215,118	4,174,567
% change from base year		4.7	10.9	8.3	-6.8	-7.7
% change from previous year		4.7	6.0	-2.4	-13.9	-1.0
6. Price of export sales (US\$/mertic ton)						
China	514	652	745	672	683	1,088
% change from base year		26.9	44.9	30.7	32.9	111.7
% change from previous year		26.9	14.2	-9.8	1.7	59.3
Korea	700	797	844	780	729	1,042
% change from base year		13.9	20.5	11.4	4.2	48.8
% change from previous year		13.9	5.8	-7.6	-6.4	42.8

Source: The data on the industry of China and Korea is provided by the petitioner compiled or estimated from the database of FastMarkets · World Steel Dynamics · Mysteel.com · SEAIISI Yearbook · KOSA Bulletin · IHS Markit.

Note:

1. The base year is the first year the data is available.

Table IV-1: Export of certain flat-rolled steel products plated or coated with zinc or zinc-alloys from the countries concerned, by destination, 2016-2021

A. China

Units: metric ton, US\$/metric ton

year rank	2016		
	country	export quantity	FOB export price
1	Korea	1,280,846	499
2	Vietnam	1,120,727	415
3	Belgium	1,046,978	476
4	Thailand	785,040	518
5	Philippines	610,735	510
6	Chile	397,527	540
7	United Kingdom	357,648	473
8	Italy	355,939	480
9	Spain	332,968	498
10	Brazil	309,444	504

2017		
country	export quantity	FOB export price
Korea	1,344,694	633
Thailand	764,877	654
Vietnam	697,693	573
Philippines	617,884	637
Belgium	539,718	616
Brazil	438,131	642
Italy	382,827	568
Chile	365,294	686
Spain	345,926	637
Canada	318,811	671

2018		
country	export quantity	FOB export price
Korea	1,068,244	691
Thailand	984,257	714
Philippines	780,138	711
Vietnam	624,546	692
Brazil	581,209	718
Chile	432,640	781
Belgium	418,586	691
Italy	372,530	692
Indonesia	337,025	828
Spain	292,250	716

year rank	2019		
	country	export quantity	FOB export price
1	Thailand	1,314,439	620
2	Korea	1,243,468	592
3	Philippines	830,168	723
4	Vietnam	629,877	629
5	Indonesia	478,592	721
6	Brazil	329,906	649
7	Chile	319,750	681
8	Italy	291,996	653
9	Japan	280,304	660
10	Myanmar	279,848	638

2020		
country	export quantity	FOB export price
Thailand	1,528,024	582
Philippines	909,352	921
Korea	844,431	571
Vietnam	493,291	661
Brazil	470,826	629
Indonesia	335,413	708
Chile	300,548	666
Peru	266,323	644
Myanmar	226,773	609
Honduras	198,778	607

2021		
country	export quantity	FOB export price
Thailand	1,487,989	952
Korea	1,382,842	945
Brazil	1,178,339	935
Philippines	1,074,630	2,117
Vietnam	601,817	949
Chile	567,297	1,011
Indonesia	506,352	984
Israel	338,127	896
Peru	301,211	886
Honduras	284,028	876

B.Korea

Units:metric ton, US\$/metric ton

rank	year country	2016	
		export quantity	FOB export price
1	China	1,096,849	811
2	Japan	504,662	607
3	United States	398,678	742
4	Mexico	374,476	743
5	India	227,228	763
6	Thailand	219,689	658
7	Slovenia	206,732	713
8	Turkey	198,418	687
9	Italy	106,243	603
10	Belgium	103,483	577

rank	year country	2017	
		export quantity	FOB export price
	China	1,005,394	858
	Mexico	583,626	831
	Japan	556,206	720
	India	273,835	804
	United States	265,369	884
	Slovenia	264,577	792
	Turkey	247,336	749
	Thailand	194,299	777
	Belgium	179,894	751
	Italy	112,867	671

rank	year country	2018	
		export quantity	FOB export price
	China	898,390	897
	Mexico	674,571	881
	Japan	596,445	730
	India	371,667	787
	Slovenia	290,549	865
	Belgium	266,122	798
	United States	247,575	992
	Turkey	200,527	841
	Italy	184,201	739
	Thailand	156,974	837

rank	year country	2019	
		export quantity	FOB export price
1	China	826,693	788
2	Japan	668,444	751
3	Mexico	553,370	859
4	India	307,077	756
5	Slovenia	274,300	799
6	United States	269,386	898
7	Turkey	199,379	778
8	Thailand	174,555	770
9	Belgium	162,661	689
10	Italy	134,364	709

rank	year country	2020	
		export quantity	FOB export price
	China	762,305	706
	Japan	531,838	671
	Mexico	494,058	783
	India	220,931	670
	United States	212,042	863
	Thailand	190,692	676
	Slovenia	177,185	761
	Turkey	162,579	728
	Belgium	130,389	622
	Italy	126,260	651

rank	year country	2021	
		export quantity	FOB export price
	China	644,433	971
	Mexico	586,957	1,005
	Japan	569,130	802
	Slovenia	253,350	935
	United States	246,680	1,361
	India	205,838	863
	Turkey	190,024	868
	Thailand	143,142	963
	Australia	119,656	1,125
	Belgium	112,394	989

Source : Data inquired from IHS Markit database using Harmonized Commodity Description and Coding Systems (HS) six-digit code including certain flat-rolled steel products plated or coated with zinc or zinc-alloys from the countries concerned.