



# Preliminary Results of Trade by Enterprise Characteristics in 2018

## 1. Enterprises and international trade register

◎ In 2018, the number of export enterprises was 96,236 and their export value stood at 603.6 billion dollars. (Linkage rate: 99.8%)

◎ In 2018, the number of import enterprises was 185,023 and their import value stood at 529.4 billion dollars. (Linkage rate: 98.9%)

### □ (Export )

In 2018, the number of export enterprises was 96,236, increasing by 2.5% from 2017. Their export value recorded 603.6 billion dollars in 2018, rising by 31.0 billion dollars (5.4%) from 2017.

\* As for export enterprises by size, large enterprises amounted to 805, occupying 0.8% of the total export enterprises. Middle standing enterprises amounted to 1,940, occupying 2.0% of the total export enterprises. Small and medium-sized enterprises amounted to 93,491, occupying 97.1% of the total export enterprises.

### □ (Import)

In 2018, the number of import enterprises was 185,023, increasing by 3.9% from 2017. Their import value recorded 529.4 billion dollars in 2018, rising by 56.3 billion dollars (11.9%) from 2017.

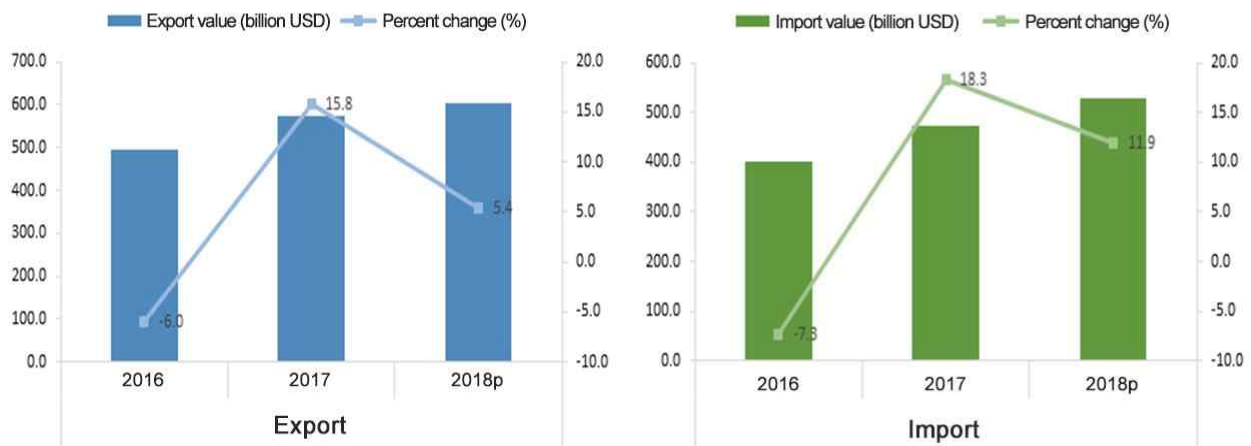
\* As for import enterprises by size, large enterprises amounted to 1,092, occupying 0.6% of the total import enterprises. Middle standing enterprises amounted to 2,405, occupying 1.3% of the total import enterprises. Small and medium-sized enterprises amounted to 181,526, occupying 98.1% of the total import enterprises.

< Enterprises and international trade register >

(Unit: each, billion USD, %)

Classification		Export				Import			
		2016	2017	2018 <sup>P</sup>	Percent change	2016	2017	2018 <sup>P</sup>	Percent change
Number of enterprises	Total establishments (a)	95,291	95,813	97,920	2.2	178,269	183,586	190,408	3.7
	Linked establishments (b)	94,202	95,048	97,306	2.4	174,248	180,269	187,201	3.8
	Linked enterprises (c)	93,045	93,922	96,236	2.5	172,083	178,104	185,023	3.9
	Linkage rate (b/a, %)	(98.9)	(99.2)	(99.4)		(97.7)	(98.2)	(98.3)	
International trade value	Total establishments (a)	495.4	573.7	604.9	5.4	406.2	478.5	535.2	11.9
	Linked establishments (b)	494.3	572.6	603.6	5.4	399.8	473.1	529.4	11.9
	Linked enterprises (c)	494.3	572.6	603.6	5.4	399.8	473.1	529.4	11.9
	Linkage rate (b/a, %)	(99.8)	(99.8)	(99.8)		(98.4)	(98.9)	(98.9)	

< International trade value of linked enterprises and percent change >



## 2. International trade by enterprise size

- ◎ In 2018, the export value of large enterprises occupied 66.6% of the total export value, and increased by 5.9% from 2017.
- ◎ In 2018, the export value of 'Small and medium-sized enterprises' occupied 17.1% of the total export value, and increased by 1.1% from 2017.

### □ (Export)

In 2018, the export value of large enterprises stood at 402.0 billion dollars, which occupied 66.6% of the total export value. The export value of middle standing enterprises stood at 98.2 billion dollars, which occupied 16.3% of the total export value. The export value of small and medium-sized enterprises stood at 103.4 billion dollars, which occupied 17.1% of the total export value.

- Compared to 2017, the export value of large enterprises rose by 22.5 billion dollars (5.9%). The export value of middle standing enterprises rose by 7.4 billion dollars (8.1%). The export value of small and medium-sized enterprises rose by 1.2 billion dollars (1.1%).

### □ (Import)

In 2018, the import value of large enterprises stood at 323.0 billion dollars, which occupied 61.0% of the total import value. The import value of middle standing enterprises stood at 78.4 billion dollars, which occupied 14.8% of the total import value. The import value of small and medium-sized enterprises stood at 128.1 billion dollars, which occupied 24.2% of the total import value.

- Compared to 2017, the import value of large enterprises rose by 40.1 billion dollars (14.2%). The import value of middle standing enterprises rose by 8.8 billion dollars (12.6%). The import value of small and medium-sized enterprises rose by 7.5 billion dollars (6.2%).

< Number of enterprises and international trade value by enterprise size >

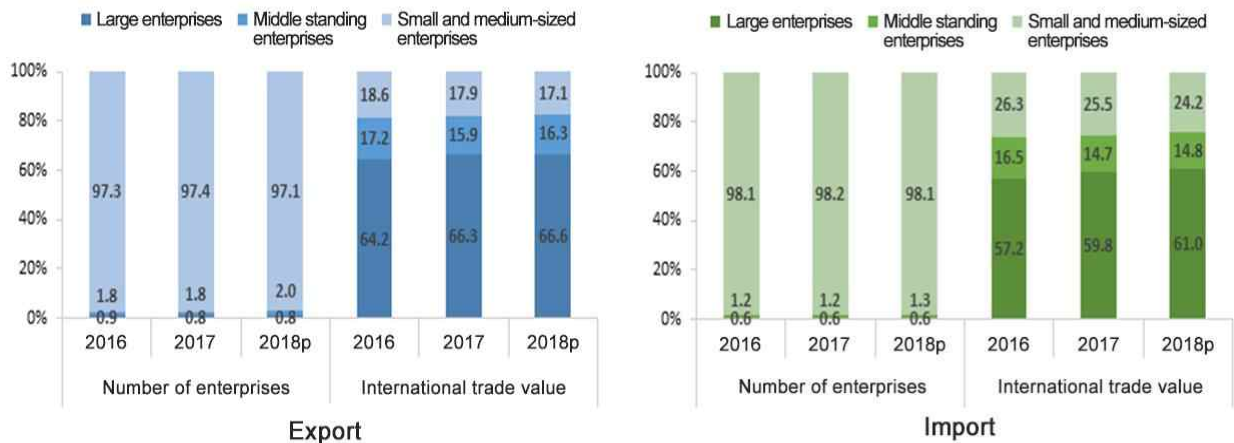
(Unit: each, billion USD, %)

Classification		Export				
		2016	2017	2018 <sup>p</sup>	Compo- sition	Percent change
Number of enterprises	Total	93,045	93,922	96,236	100.0	2.5
	Large enterprises	796	789	805	0.8	2.0
	Middle standing enterprises	1,690	1,650	1,940	2.0	17.6
	Small and medium-sized enterprises	90,559	91,483	93,491	97.1	2.2
International trade value	Total	494.3	572.6	603.6	100.0	5.4
	Large enterprises	317.2	379.5	402.0	66.6	5.9
	Middle standing enterprises	85.1	90.8	98.2	16.3	8.1
	Small and medium-sized enterprises	92.0	102.3	103.4	17.1	1.1

Classification		Import				
		2016	2017	2018 <sup>p</sup>	Compo- sition	Percent change
Number of enterprises	Total	172,083	178,104	185,023	100.0	3.9
	Large enterprises	1,087	1,090	1,092	0.6	0.2
	Middle standing enterprises	2,128	2,093	2,405	1.3	14.9
	Small and medium-sized enterprises	168,868	174,921	181,526	98.1	3.8
International trade value	Total	399.8	473.1	529.4	100.0	11.9
	Large enterprises	228.8	282.9	323.0	61.0	14.2
	Middle standing enterprises	65.9	69.7	78.4	14.8	12.6
	Small and medium-sized enterprises	105.0	120.6	128.1	24.2	6.2

< Share of enterprises and international trade value by enterprise size >



### 3. International trade by industry

◎ In 2018, the export value of 'Mining and Manufacturing' occupied 84.0% of the total export value, and increased by 5.2% compared to 2017.

◎ In 2018, the export value of 'Wholesale and Retail Trade' occupied 12.5% of the total export value, and increased by 7.2% compared to 2017.

#### □ (Export)

In 2018, the export value of 'Mining and Manufacturing' showed the highest figure of 507.2 billion dollars (84.0%), which was followed by 'Wholesale and Retail Trade' (75.2 billion dollars, 12.5%) and 'Other industries' (21.3 billion dollars, 3.5%).

- Compared to 2017, the export value of 'Mining and Manufacturing' rose by 25.0 billion dollars (5.2%). The export value of 'Wholesale and Retail Trade' rose by 5.1 billion dollars (7.2%). The export value of 'Other industries' rose by 1.0 billion dollars (5.0%).

#### □ (Import)

In 2018, the import value of 'Mining and Manufacturing' showed the highest figure of 344.6 billion dollars (65.1%), which was followed by 'Wholesale and Retail Trade' (122.6 billion dollars, 23.2%) and 'Other industries' (62.1 billion dollars, 11.7%).

- Compared to 2017, the import value of 'Mining and Manufacturing' rose by 35.2 billion dollars (11.4%). The import value of 'Wholesale and Retail Trade' rose by 8.8 billion dollars (7.7%). The import value of 'Other industries' rose by 12.3 billion dollars (24.7%).

< Number of enterprises and international trade value by industry >

(Unit: each, billion USD, %)

Classification		Export				
		2016	2017	2018 <sup>p</sup>	Compo- sition	Percent change
Number of enterprises	Total	93,045	93,922	96,236	100.0	2.5
	Mining and Manufacturing	40,424	40,966	41,860	43.5	2.2
	Wholesale and Retail Trade	44,433	44,511	45,568	47.4	2.4
	Other industries	8,188	8,445	8,808	9.2	4.3
International trade value	Total	494.3	572.6	603.6	100.0	5.4
	Mining and Manufacturing	418.6	482.2	507.2	84.0	5.2
	Wholesale and Retail Trade	55.1	70.1	75.2	12.5	7.2
	Other industries	20.6	20.2	21.3	3.5	5.0
Classification		Import				
		2016	2017	2018 <sup>p</sup>	Compo- sition	Percent change
Number of enterprises	Total	172,083	178,104	185,023	100.0	3.9
	Mining and Manufacturing	55,275	56,635	58,397	31.6	3.1
	Wholesale and Retail Trade	94,246	97,617	101,504	54.9	4.0
	Other industries	22,562	23,852	25,122	13.6	5.3
International trade value	Total	399.8	473.1	529.4	100.0	11.9
	Mining and Manufacturing	257.5	309.5	344.6	65.1	11.4
	Wholesale and Retail Trade	100.5	113.8	122.6	23.2	7.7
	Other industries	41.7	49.8	62.1	11.7	24.7

< Share of enterprises and international trade value by industry >



#### 4. International trade by country and region

- ◎ The export to Southeast Asia occupied the highest share of the total export value. The import from China occupied the highest share of the total import value.
- ◎ Compared to 2017, as for exports, China, Japan and Southeast Asia showed a sharp increase. As for imports, the Middle East, the U.S.A and China showed a sharp increase.

(Export)

In 2018, the export to Southeast Asia showed the highest figure of 166.7 billion dollars (27.6%), which was followed by China (162.1 billion dollars, 26.8%) and the U.S.A (72.3 billion dollars, 12.0%).

- Compared to 2017, the export to China rose by 20.0 billion dollars (14.1%). The export to Japan rose by 3.7 billion dollars (13.9%). The export to Southeast Asia rose by 17.7 billion dollars (11.9%).

(Import)

In 2018, the import from China showed the highest figure of 106.0 billion dollars (20.0%), which was followed by the Middle East (86.0 billion dollars, 16.2%) and Southeast Asia (78.0 billion dollars, 14.7%).

- Compared to 2017, the import from the Middle East rose by 15.9 billion dollars (22.7%). The import from the U.S.A rose by 8.1 billion dollars (16.8%). The import from China rose by 8.5 billion dollars (8.7%).

< Number of enterprises and international trade value by country and region >

(Unit: each, billion USD, %)

Classification		Export				
		2016	2017	2018 <sup>P</sup>	Compo- sition	Percent change
Number of enterprises	Total	93,045	93,922	96,236	100.0	2.5
	U.S.A	20,281	20,775	21,361	22.2	2.8
	China	34,029	32,829	33,370	34.7	1.6
	Japan	20,116	20,461	21,031	21.9	2.8
	EU	18,129	18,501	19,090	19.8	3.2
	Southeast Asia	45,556	47,101	48,125	50.0	2.2
	Middle East	12,987	12,890	12,616	13.1	-2.1
International trade value	Total	494.3	572.6	603.6	100.0	5.4
	U.S.A	66.1	68.2	72.3	12.0	6.0
	China	124.4	142.1	162.1	26.8	14.1
	Japan	24.3	26.8	30.5	5.0	13.9
	EU	46.5	53.9	57.4	9.5	6.4
	Southeast Asia	119.3	149.0	166.7	27.6	11.9
	Middle East	26.2	24.3	21.6	3.6	-11.4
Classification		Import				
		2016	2017	2018 <sup>P</sup>	Compo- sition	Percent change
Number of enterprises	Total	172,083	178,104	185,023	100.0	3.9
	U.S.A	39,288	40,146	40,568	21.9	1.1
	China	111,881	117,163	124,075	67.1	5.9
	Japan	35,852	36,552	36,217	19.6	-0.9
	EU	45,846	47,552	47,975	25.9	0.9
	Southeast Asia	50,985	52,924	54,232	29.3	2.5
	Middle East	5,639	6,056	6,130	3.3	1.2
International trade value	Total	399.8	473.1	529.4	100.0	11.9
	U.S.A	39.8	48.1	56.2	10.6	16.8
	China	86.6	97.5	106.0	20.0	8.7
	Japan	47.3	54.9	54.4	10.3	-0.9
	EU	50.4	56.0	60.8	11.5	8.7
	Southeast Asia	62.0	73.5	78.0	14.7	6.1
	Middle East	54.0	70.1	86.0	16.2	22.7

## 5. International trade concentration

In both export and import, the international trade concentration of top 10 enterprises showed a year-on-year increase.

(Export)

In 2018, top 10 export enterprises occupied 37.9% of the total export value. Top 100 export enterprises occupied 66.5% of the total export value. Top 1,000 export enterprises occupied 83.8% of the total export value.

□ (Import)

In 2018, top 10 import enterprises occupied 31.2% of the total import value. Top 100 import enterprises occupied 56.2% of the total import value. Top 1,000 import enterprises occupied 76.8% of the total import value.

< International trade value of top enterprises >

(Unit: billion USD, %, %p)

Classification	Export				
	2016	2017	Percent change	2018 <sup>p</sup>	Percent change
Total	494.3 (100.0)	572.6 (100.0)	15.8	603.6 (100.0)	5.4
Top 10 enterprises	167.6 (33.9)	207.3 (36.2)	23.7 [2.3]	228.8 (37.9)	10.4 [1.7]
Top 100 enterprises	320.1 (64.8)	381.0 (66.5)	19.0 [1.8]	401.3 (66.5)	5.3 [0.0]
Top 1,000 enterprises	409.4 (82.8)	481.5 (84.1)	17.6 [1.3]	505.5 (83.8)	5.0 [-0.3]
Classification	Import				
	2016	2017	Percent change	2018 <sup>p</sup>	Percent change
Total	399.8 (100.0)	473.1 (100.0)	18.3	529.4 (100.0)	11.9
Top 10 enterprises	99.7 (24.9)	134.1 (28.3)	34.6 [3.4]	165.1 (31.2)	23.1 [2.8]
Top 100 enterprises	206.8 (51.7)	256.4 (54.2)	24.0 [2.5]	297.3 (56.2)	15.9 [2.0]
Top 1,000 enterprises	295.9 (74.0)	358.3 (75.7)	21.1 [1.7]	406.5 (76.8)	13.4 [1.0]

\* The figures in parentheses represent international trade concentration expressed as a percentage (%). The figures in brackets represent the change in international trade concentration expressed as a change (%p).

## 6. Average number of export and import items

◎ The average number of export items marked 5.6 items per enterprise in 2018. The average number of import items marked 8.0 items in 2018.

□ (Export)

In 2018, the average number of export items stood at 5.6 items per enterprise. As for large enterprises, the average number of export items stood at 49.8 items per enterprise. As for middle standing enterprises, the average number of export items stood at 29.5 items per enterprise. As for small and medium-sized enterprises, the average number of export items stood at 4.8 items per enterprise.

(Import)

In 2018, the average number of import items stood at 8.0 items per enterprise. As for large enterprises, the average number of import items stood at 84.2 items per enterprise. As for middle standing enterprises, the average number of import items stood at 40.1 items per enterprise. As for small and medium-sized enterprises, the average number of import items stood at 7.1 items per enterprise.

< Average number of export and import items by enterprise size >

(Unit: each, %)

Classification		Export			
		2016	2017	2018 <sup>p</sup>	Percent change
Number of items	Total	5.6	5.6	5.6	-0.1
	Large enterprises	49.0	50.1	49.8	-0.7
	Middle standing enterprises	29.0	30.4	29.5	-3.0
	Small and medium-sized enterprises	4.8	4.8	4.8	-1.1
Classification		Import			
		2016	2017	2018 <sup>p</sup>	Percent change
Number of items	Total	7.6	7.9	8.0	1.3
	Large enterprises	78.7	82.0	84.2	2.6
	Middle standing enterprises	40.7	41.3	40.1	-2.9
	Small and medium-sized enterprises	6.8	7.0	7.1	1.1

\* Based on 10-digit unit of HS codes

## 7. International trade by export intensity

**⊙ Compared to 2017, the export value of enterprises recording less than 50% of export intensity increased by 13.4%, while that of enterprises recording 50% of export intensity or more increased by 1.0%.**

\* Export intensity: Share of the export value among the total sales

(Export)

In 2018, the export value of enterprises recording 50% of export intensity or more totaled 371.2 billion dollars, which occupied 61.5% of the total export value. The export value of enterprises recording less than 50% of export intensity totaled 232.4 billion dollars, which occupied 38.5% of the total export value.

- Compared to 2017, the export value of enterprises recording less than 50% of export intensity rose by 27.5 billion dollars (13.4%). The export value of enterprises recording 50% of export intensity or more rose by 3.5 billion dollars (1.0%).



□ (Import)

In 2018, the import value of enterprises recording less than 50% of export intensity totaled 405.4 billion dollars, which occupied 76.6% of the total import value. The import value of enterprises recording 50% of export intensity or more totaled 124.1 billion dollars, which occupied 23.4% of the total import value.

- Compared to 2017, the import value of enterprises recording less than 50% of export intensity rose by 55.8 billion dollars (16.0%). The import value of enterprises recording 50% of export intensity or more rose by 0.5 billion dollars (0.4%).

< Number of enterprises and international trade value by export intensity >

(Unit: each, billion USD, %)

Classification		Export				
		2016	2017	2018 <sup>P</sup>	Compo- sition	Percent change
Number of enterprises	Total	93,045	93,922	96,236	100.0	2.5
	Less than 50%	67,539	68,775	70,877	73.6	3.1
	Less than 25%	57,847	59,022	60,808	63.2	3.0
	25% ~ less than 50%	9,692	9,753	10,069	10.5	3.2
	50% or more	25,506	25,147	25,359	26.4	0.8
	50% ~ less than 75%	6,767	6,831	6,986	7.3	2.3
	75% or more	18,739	18,316	18,373	19.1	0.3
International trade value	Total	494.3	572.6	603.6	100.0	5.4
	Less than 50%	247.8	204.9	232.4	38.5	13.4
	Less than 25%	65.3	72.7	76.4	12.7	5.0
	25% ~ less than 50%	182.5	132.2	156.0	25.9	18.0
	50% or more	246.5	367.6	371.2	61.5	1.0
	50% ~ less than 75%	140.4	224.9	240.9	39.9	7.1
	75% or more	106.1	142.7	130.3	21.6	-8.7
Classification		Import				
		2016	2017	2018 <sup>P</sup>	Compo- sition	Percent change
Number of enterprises	Total	172,083	178,104	185,023	100.0	3.9
	Less than 50%	161,502	167,608	174,412	94.3	4.1
	Less than 25%	155,200	161,285	167,806	90.7	4.0
	25% ~ less than 50%	6,302	6,323	6,606	3.6	4.5
	50% or more	10,581	10,496	10,611	5.7	1.1
	50% ~ less than 75%	4,133	4,203	4,211	2.3	0.2
	75% or more	6,448	6,293	6,400	3.5	1.7
International trade value	Total	399.8	473.1	529.4	100.0	11.9
	Less than 50%	320.8	349.6	405.4	76.6	16.0
	Less than 25%	214.7	268.8	301.8	57.0	12.3
	25% ~ less than 50%	106.1	80.8	103.5	19.6	28.2
	50% or more	79.0	123.5	124.1	23.4	0.4
	50% ~ less than 75%	47.5	87.8	86.1	16.3	-2.0
	75% or more	31.5	35.7	38.0	7.2	6.4