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# *Export-Import analysis of Indian auto-component industry*

*View: 4M-FY 22*

Prepared for ACMA

*Strictly private  
and confidential*

*October 2021*



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# Contents

<b>Executive Summary FY-21</b>	<b>3</b>
<b>Executive Summary 4M:FY-22</b>	<b>9</b>
<b>Chapter wise detailed analysis</b>	<b>15</b>
1 Chapter 40	16
2 Chapter 73	17
3 Chapter 84	18
4 Chapter 85	19
5 Chapter 87	20
6 Chapter 90	21
7 Chapter 70,72,68,83,91 & 94	22

## ***To navigate this report on-screen (in pdf format)***

From any page – click on the section title in the header navigation bar

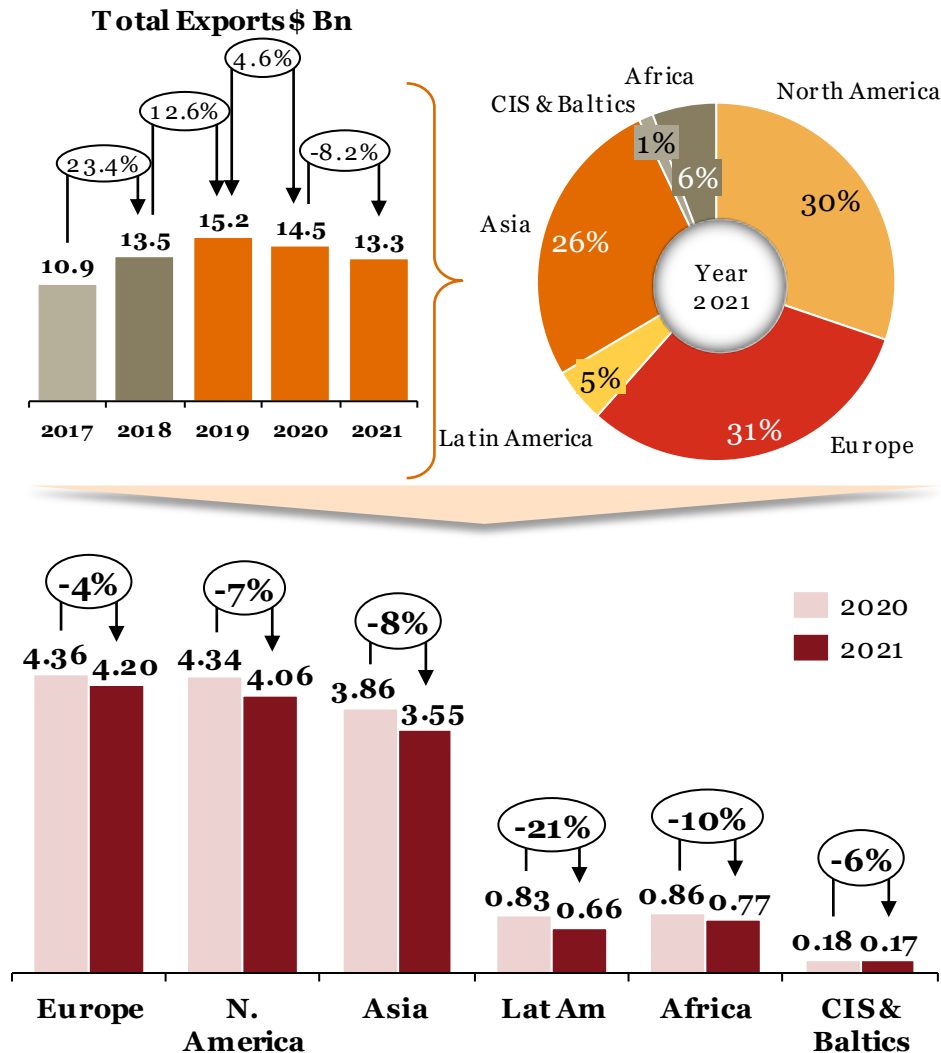
From this Contents page – click on the title of the section or sub-section

From the contents listing on any section divider – click on the title of the sub-section

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# *Executive Summary FY-21*

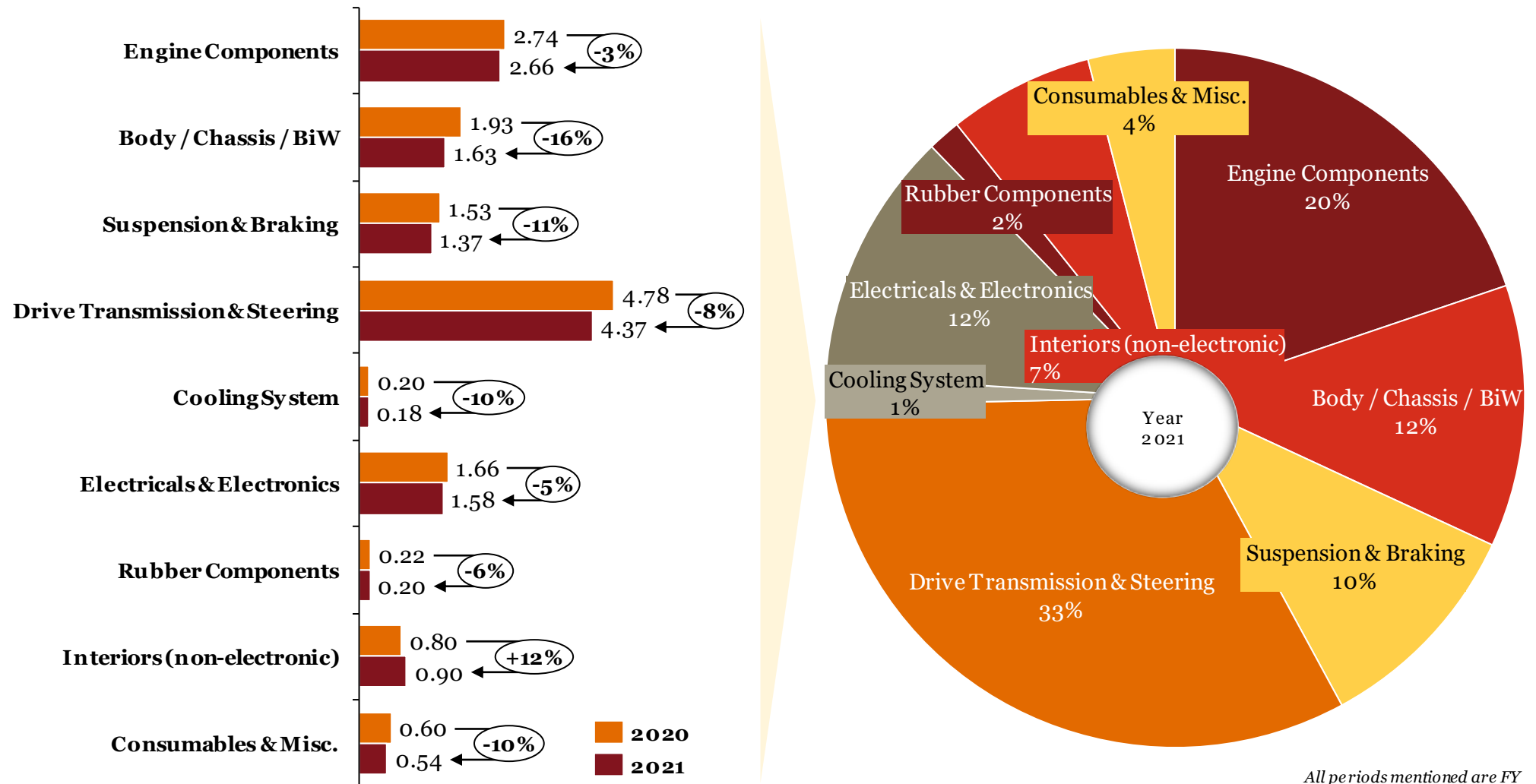
## Overview of “Exports” for Indian auto component industry in FY 21



- The trade deficit decreased to ~\$0.5B for auto components. Exports grew strongly in H2 FY21 (~2.5x of H1)
- **Latin America** saw the biggest drop in export among all regions due to Covid-19 restrictions; **Europe and North America** remain the biggest export regions accounting for 64% of exports.
- ‘**Drive Transmission & Steering**’, alongside ‘**Engine**’, remain the 2 dominant segments, accounting for 53% of exports. ‘**Interiors (non-electronics)**’ is the only segment that delivered growth.

All periods mentioned are FY  
\*For 218 HS codes

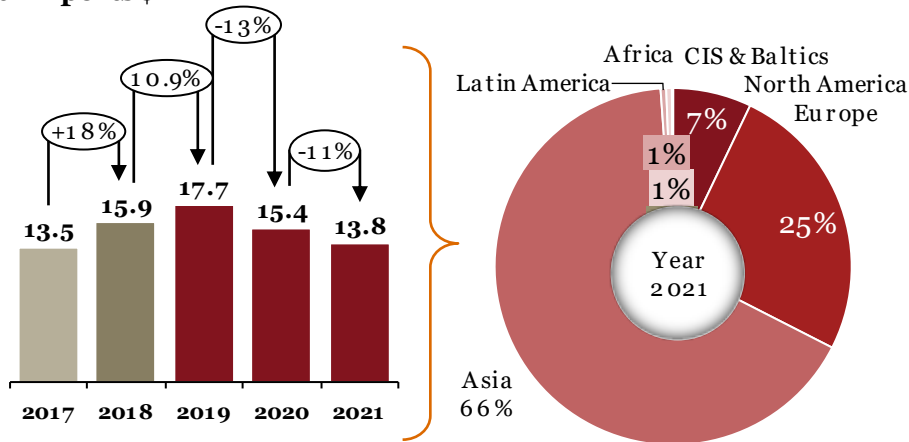
## Segmentation by product type: Exports (FY-o-FY)



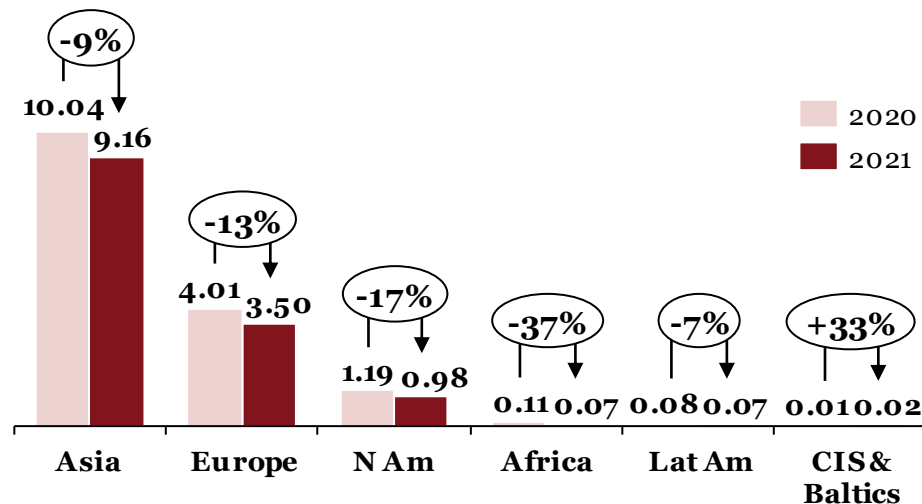
All periods mentioned are FY  
\*For 218 HS codes

## Overview of “Imports” for Indian auto component industry in FY 21

Total Imports \$ Bn

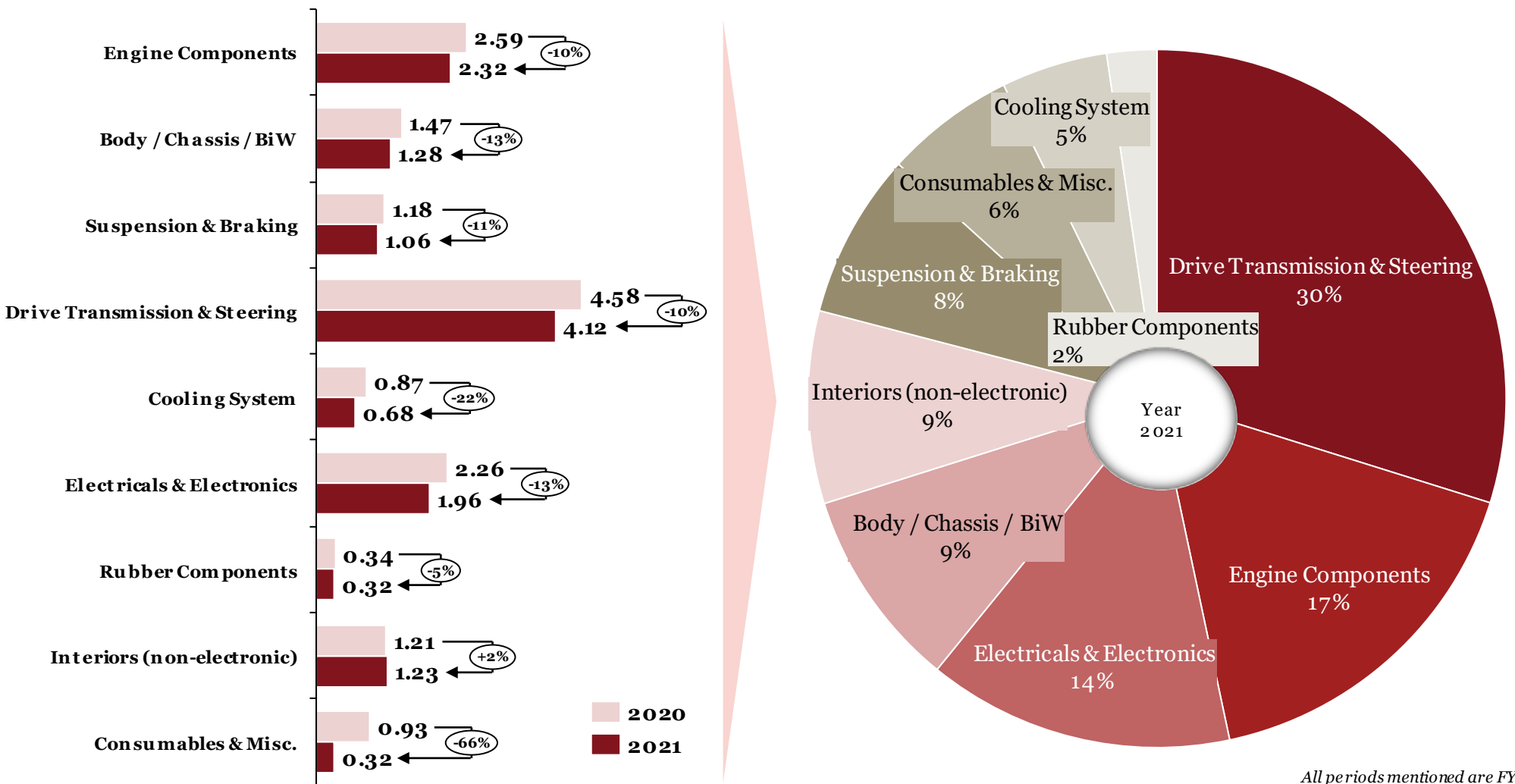


- FY21 saw a ~ **11%** dip in auto components imports into India owing to decreased production, protectionist domestic policies and the pandemic weighing in on domestic demand for foreign components.
- Government’s PLI scheme expected to increase exports; reduce dependency on **China & Korea** (account for ~**42%** of imports)
- **Import share** from **China** increased ~**3%** on the back of higher demand for replacement and low-value products such as gear boxes and other accessories used for motor vehicles.
- The **Asian** market constitutes **66%** of auto component imports; heavily dependent on **China** and **Thailand** for aftermarket due to low-cost advantage.



All periods mentioned are FY  
\*For 218 HS codes

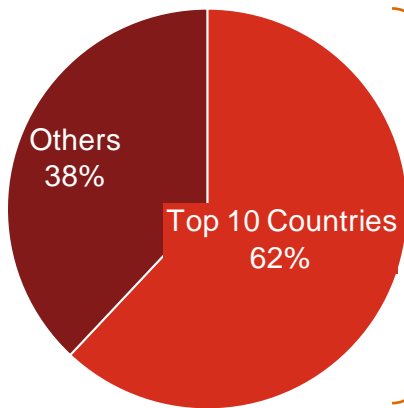
## Segmentation by product type: Imports (FY-o-FY)



All periods mentioned are FY  
\*For 218 HS codes

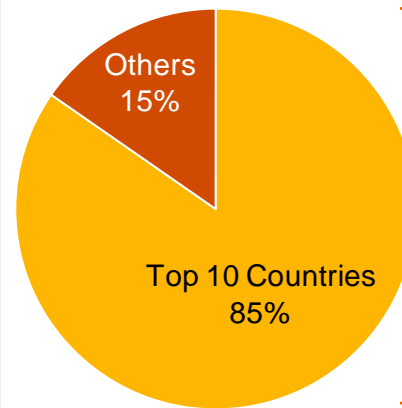
## Key highlights of “Exports” & “Imports” in FY 21

Exports - Top Countries (\$ Mn), 2021\*

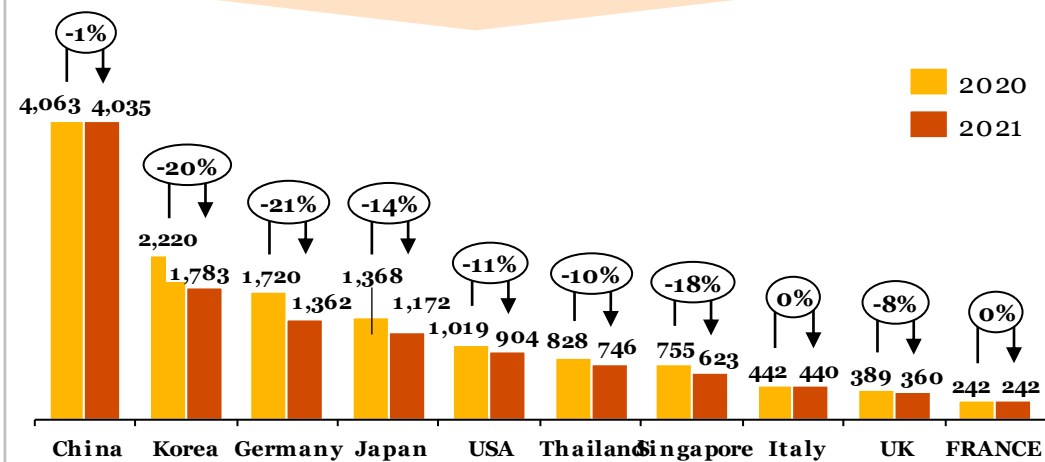
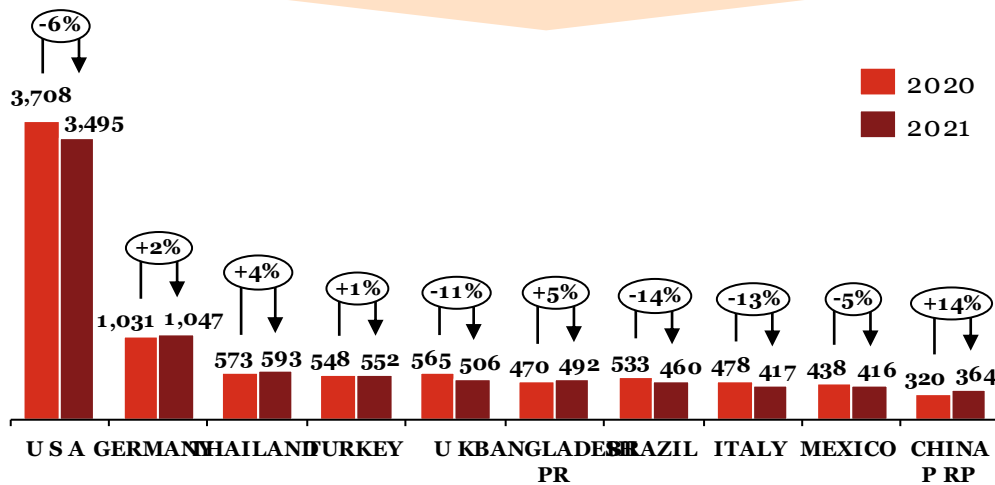


Top 10 Countries	Share of Ex-FY21	Share of Ex-FY20
U S A	26%	26%
GERMANY	8%	7%
THAILAND	4%	4%
TURKEY	4%	4%
U K	4%	4%
BANGLADESH PR	4%	3%
BRAZIL	3%	4%
ITALY	3%	3%
MEXICO	3%	3%
CHINA P RP	3%	2%

Imports - Top Countries (\$ Mn), 2021\*



Top 10 Countries	Share of Im-FY21	Share of Im-FY20
CHINA P RP	29%	26%
KOREA RP	13%	14%
GERMANY	10%	11%
JAPAN	8%	9%
U S A	7%	7%
THAILAND	5%	5%
SINGAPORE	5%	5%
ITALY	3%	3%
U K	3%	3%
FRANCE	2%	2%

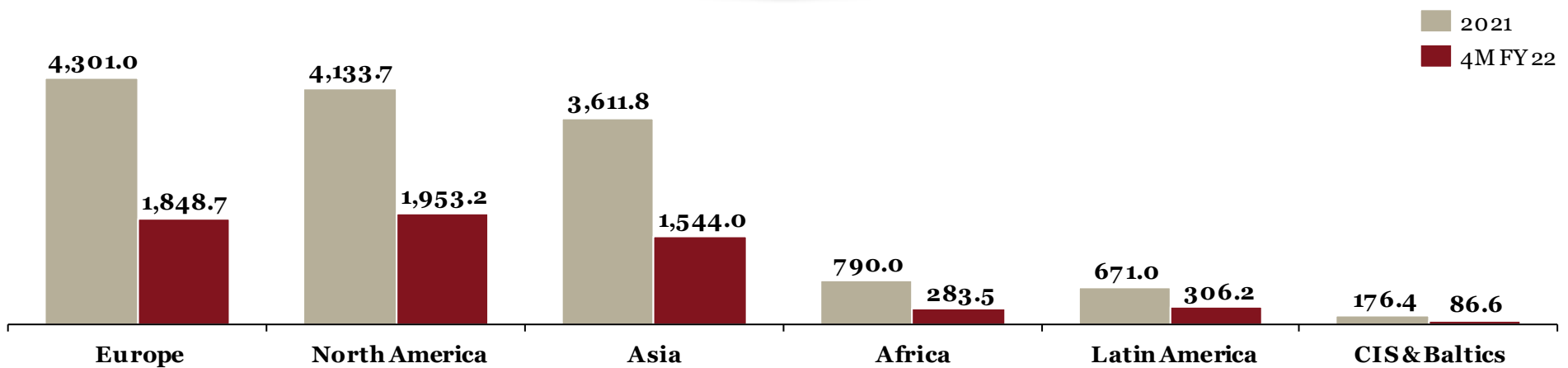
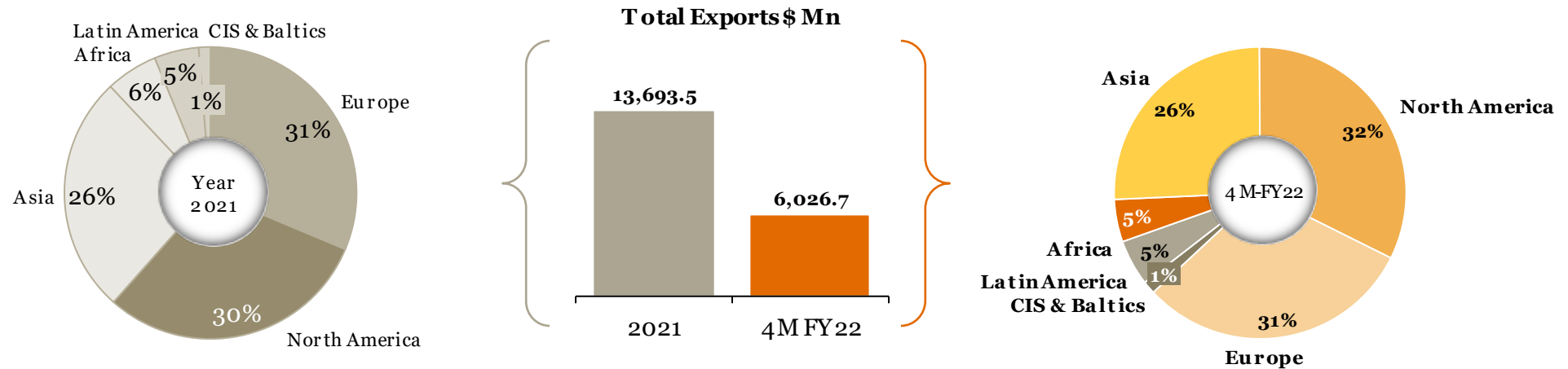


All periods mentioned are FY \*For 218 HS codes



# ***Executive Summary 4M:FY-22***

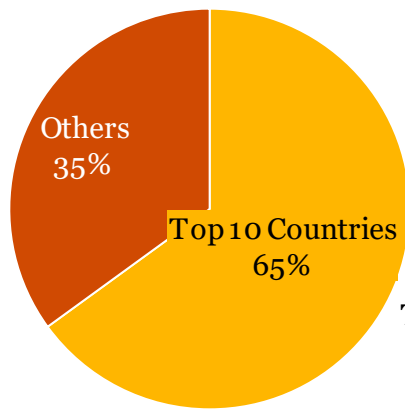
## Overview of “Exports” for Indian auto component industry in 4M-FY 22



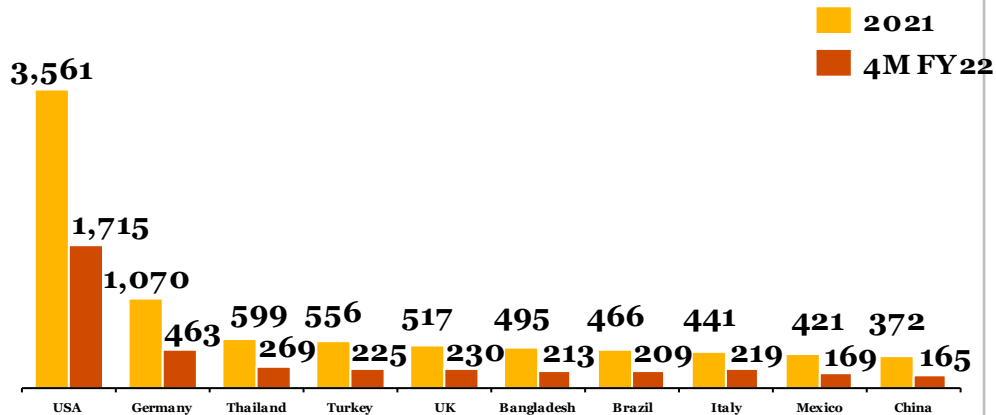
For 219 HS codes

## Key highlights of “Exports” in 4M-FY 22

**Top Countries (\$ Mn), 4M-FY 22**



Top 10 Countries	Share of Ex 4M-FY22
USA	28%
Germany	8%
Thailand	4%
Turkey	4%
UK	4%
Bangladesh Pr	4%
Brazil	3%
Italy	4%
Mexico	3%
China P Rp	3%

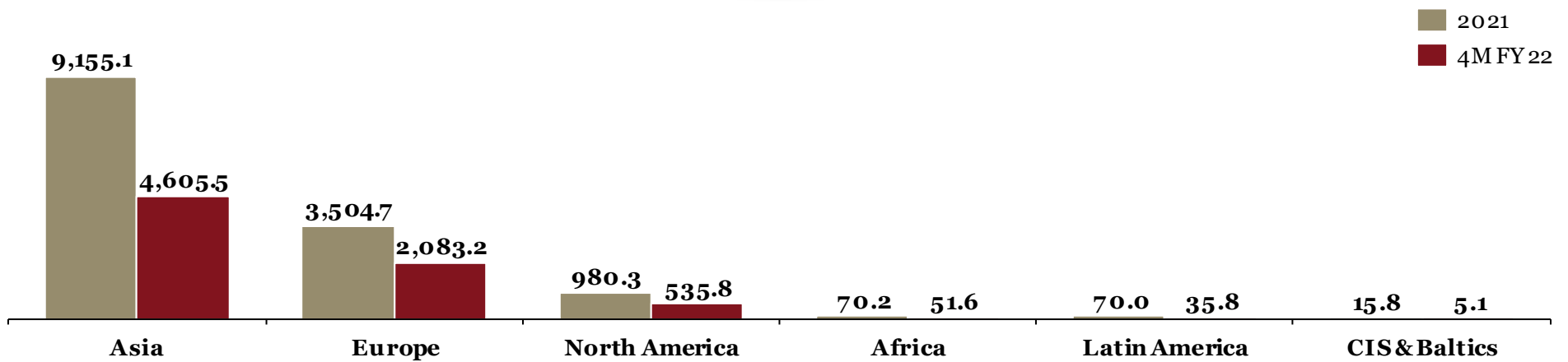
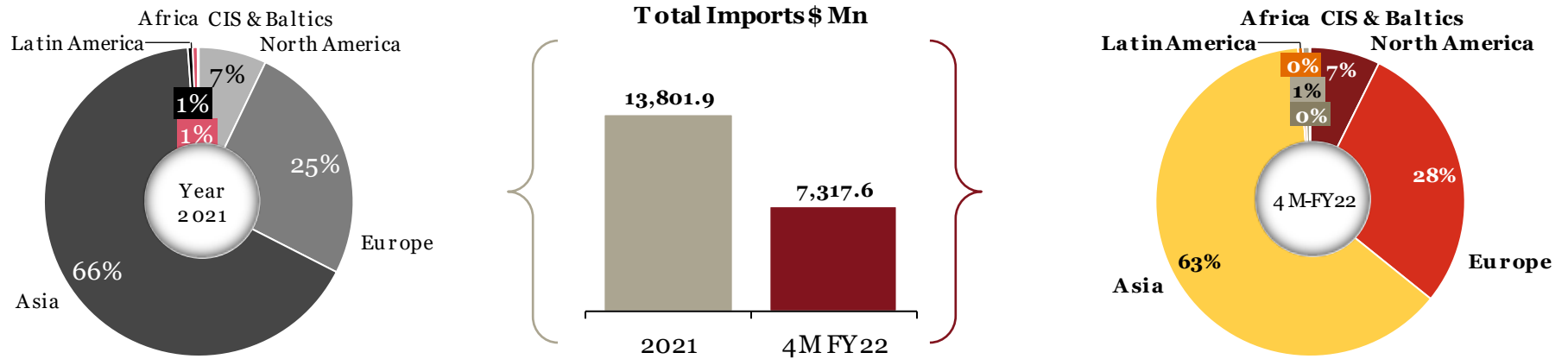


**Top HS codes (\$ Mn), 4M-FY 22**

HS codes	Value \$ Mn	Description
<b>87089900</b>		Other: motor vehicle parts (reservoir for hydraulic power steering systems steering gear systems and parts)
USA	274.74	
Mexico	71.39	
Germany	68.06	
<b>85030090</b>		Parts of other rotating electric plants
USA	156.76	
Germany	11.28	
<b>73269099</b>		All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked
USA	119.65	
Thailand	17.34	
<b>84834000</b>		Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements presented separately; ball or roller screws; gear boxes and other speed changers, including torque converters
USA	104.04	
Germany	22.44	
<b>84082020</b>		Engines of cylinder capacity exceeding 250 cc
China	20.48	
Thailand	114.71	
<b>87083000</b>		Drive-axles with differential, whether or not provided with other transmission components, non-driving axles; and parts
Turkey	7.46	
Italy	6.97	
<b>87085000</b>		Drive-axles with differential, whether or not provided with other transmission components, non-driving axles; parts thereof
USA	92.45	
Germany	14.57	
Russia	12.48	
<b>87085000</b>		Drive-axles with differential, whether or not provided with other transmission components, non-driving axles; parts thereof
USA	85.1	
China	17.93	
Italy	13.43	

For 219 HS codes

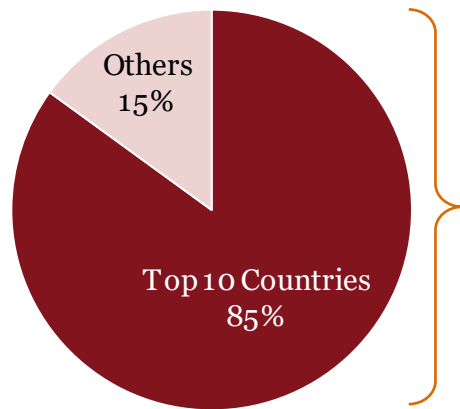
## Overview of “Imports” for Indian auto component industry in 4M-FY 22



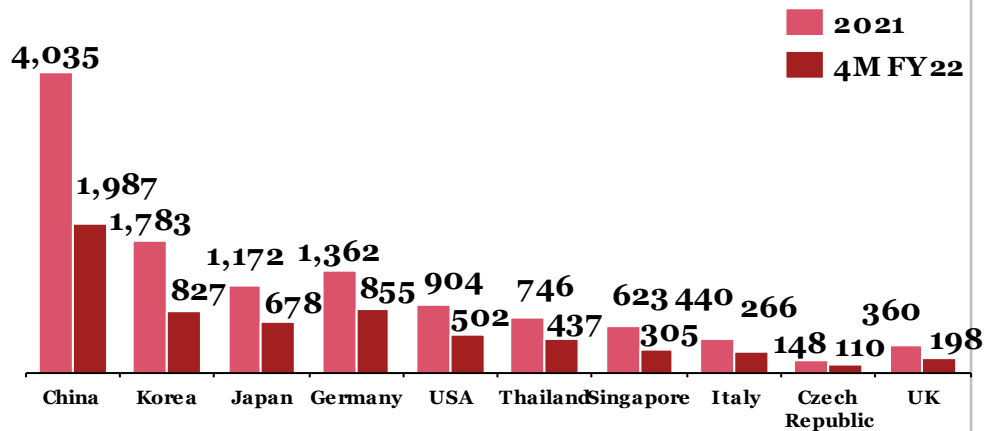
For 219 HS codes

## Key highlights of “Imports” in 4M-FY 22

**Top Countries (\$ Mn), 4M-FY 22**



Top 10 Countries	Share of Im 4M-FY22
China P Rp	27%
Korea Rp	11%
Japan	9%
Germany	12%
USA	7%
Thailand	6%
Singapore	4%
Italy	4%
Czech Republic	2%
UK	3%

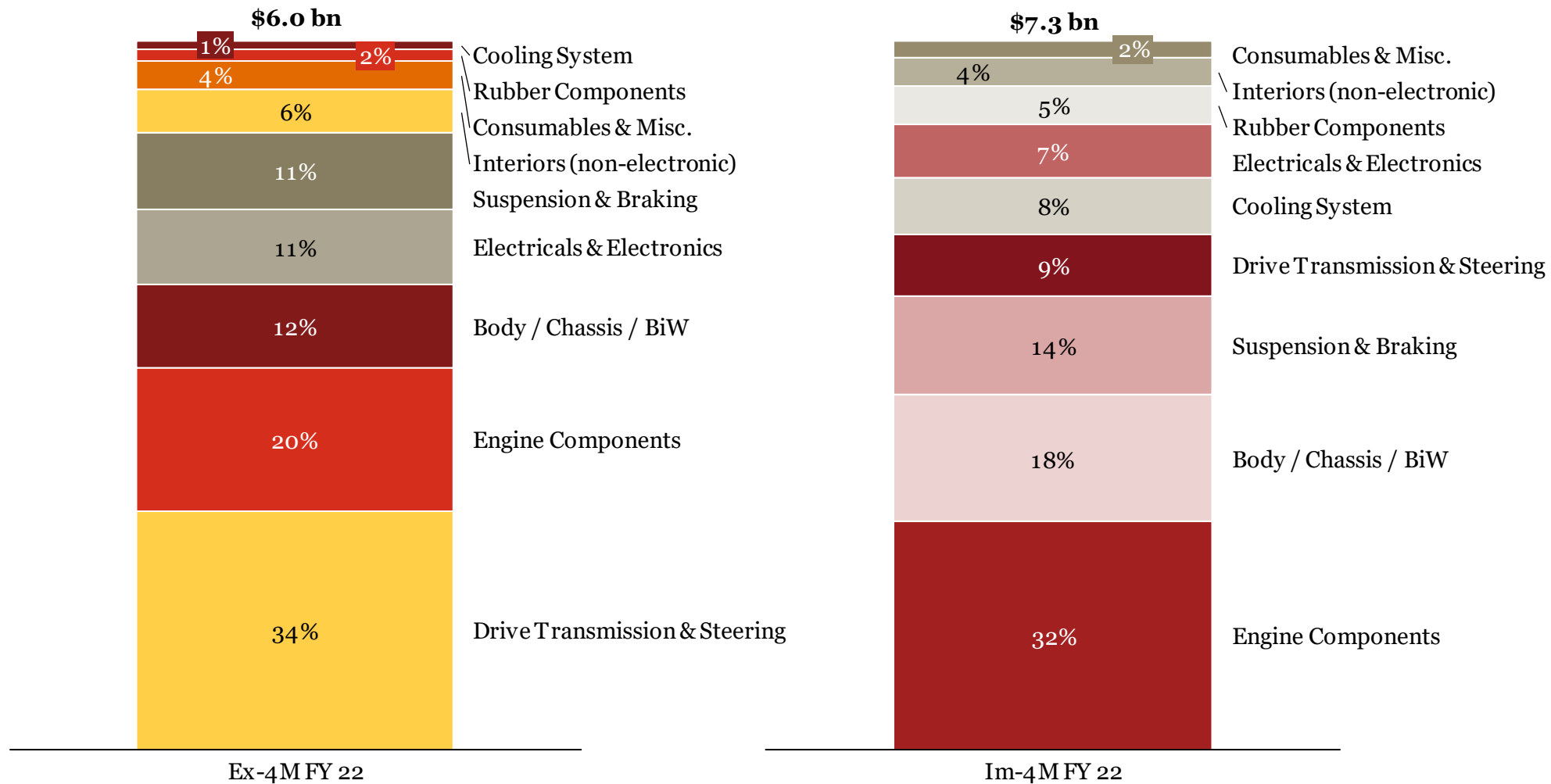


**Top HS codes (\$ Mn), 4M-FY 22**

HS codes	Value \$ Mn	Description
<b>87089900</b>		Others: motor vehicle parts (reservoir for hydraulic power steering systems & steering gear systems and parts)
China	166.82	
Germany	121.22	
S. Korea	103.25	
<b>87084000</b>		Gear boxes and parts
Japan	135.13	
S. Korea	111.34	
Germany	57.33	
<b>87141090</b>		Parts and accessories of motorcycle excluding saddle
China	125.12	
Japan	10.12	
Indonesia	8.04	
<b>85030090</b>		Parts of other rotating electric plants
China	119.79	
Germany	14.63	
Spain	7.47	
<b>84314990</b>		Other : Wheels and Components for Construction and Earthmoving Equipments
China	96.52	
S. Korea	27.98	
Sweden	12.87	
<b>84073410</b>		Spark Ignition Reciprocating Piston Engine of a Cylinder for motor cars
China	81.03	
South Africa	29.36	
S. Korea	26.36	
<b>87082900</b>		Other parts and accessories of bodies (including cabs) :Other
S. Korea	58.08	
China	46.73	
Thailand	28.99	

For 219 HS codes

## Segmentation by product type: Exports and Imports (Q-o-Q)



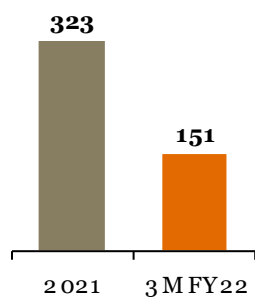
# *Chapter wise detailed analysis*

<b>Chapter wise detailed analysis</b>		<b>18</b>
1	Chapter 40	19
2	Chapter 73	20
3	Chapter 84	21
4	Chapter 85	22
5	Chapter 87	23
6	Chapter 90	24
7	Chapter 70,72,68,83,91 & 94	25

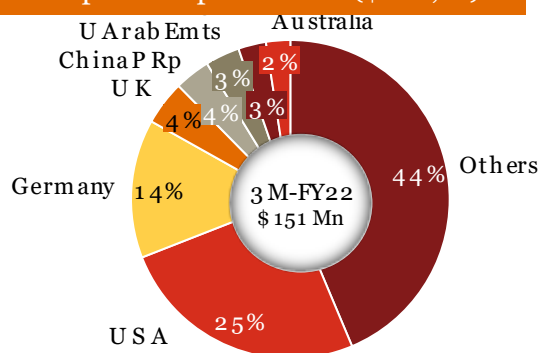
## Chapter 40

### Rubber and articles

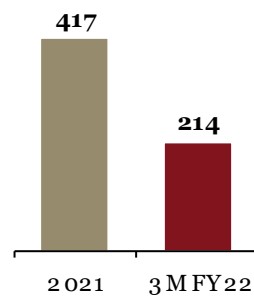
#### Exports (\$ Mn)



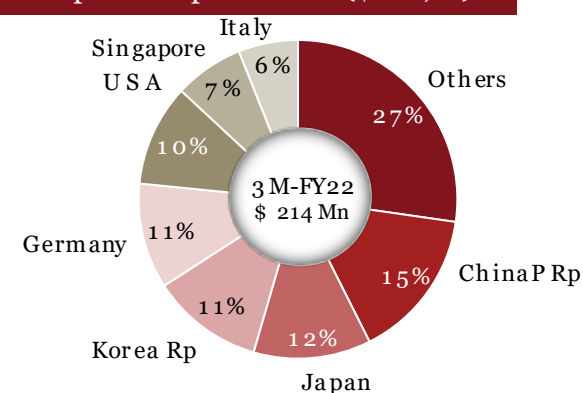
#### Exports-Top Countries (\$ Mn, %)



#### Imports (\$ Mn)



#### Imports-Top Countries (\$ Mn, %)



#### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
4 0169990	Others : Articles of Vulcanized Rubber other than hard rubber	64	USA	17
			Germany	12
			UK	3
4 0093100	Tubes, Pipes and hoses of vulcanised rubber other than hard rubber: Without fitting	17	USA	8
			Germany	2
			UK	1
4 0092100	Reinforced or otherwise combined only with metal: without fittings	22	USA	4
			China P Rp	3
			Germany	3

#### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
4 0169990	Others : Articles of Vulcanized Rubber other than hard rubber	79	China P Rp	12
			Korea Rp	11
			USA	9
4 0169330	Rubber seals (Oil seals and the like)	38	Japan	7
			Korea Rp	5
			USA	4
4 0169320	Rubber rings (O-ring)	23	Japan	4
			Germany	4
			USA	3

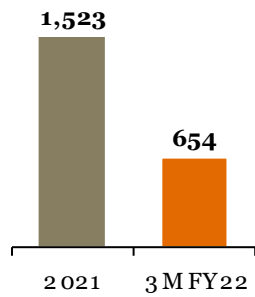
For 219 HS codes



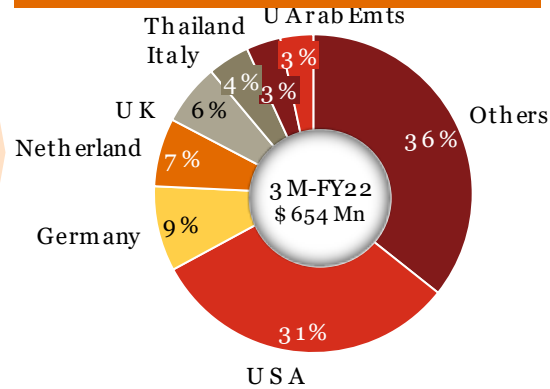
## Chapter 73

### Articles of iron or steel

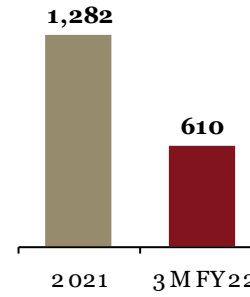
#### Exports (\$ Mn)



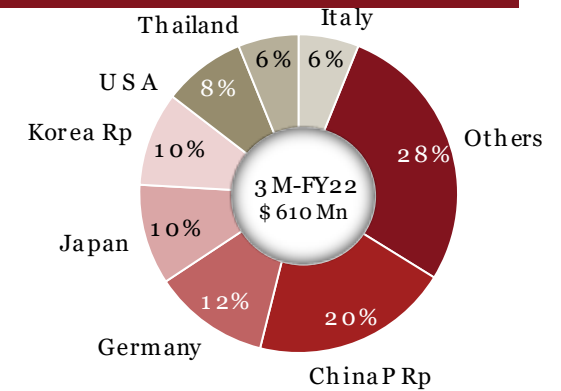
#### Exports-Top Countries (\$ Mn, %)



#### Imports (\$ Mn)



#### Imports-Top Countries (\$ Mn, %)



#### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
73181500	Th readed articles : Other screws and bolts, whether or not with their nuts or washers	115	Netherland	19
			USA	16
			Germany	15
73261910	For a automobiles and earth moving equipments	57	Germany	9
			USA	9
			Mexico	8
73269099	All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked	279	USA	120
			Thailand	17
			UK	17

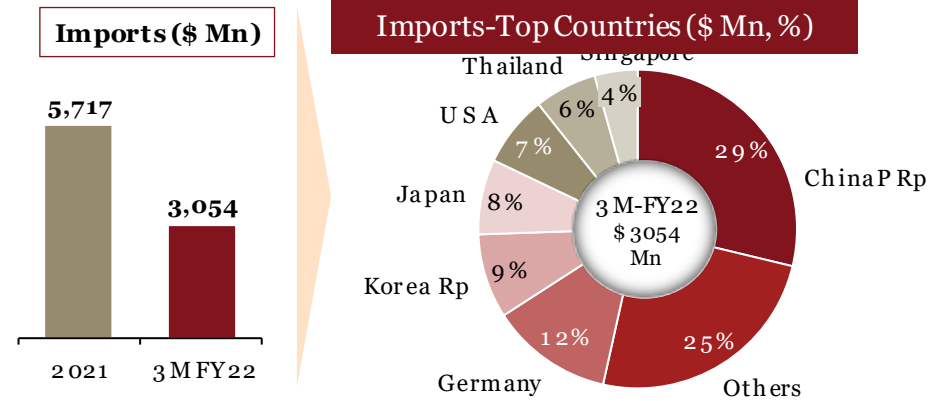
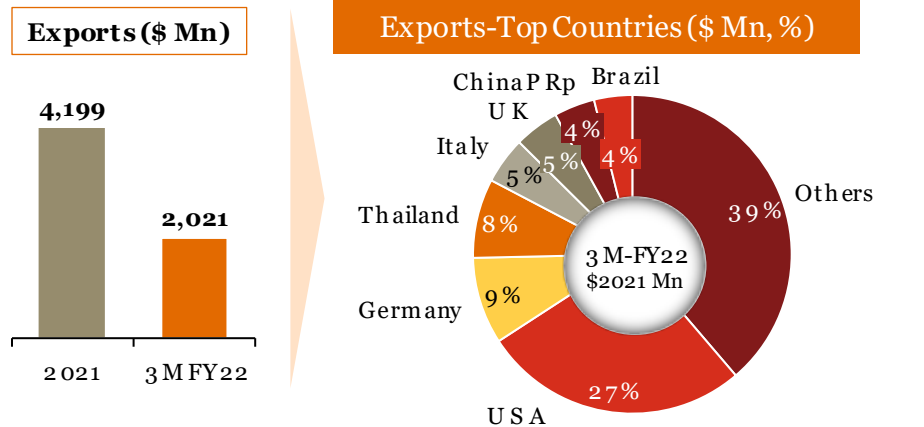
#### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
73269099	All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked	257	China P Rp	55
			USA	28
			Germany	21
73181500	Th readed articles : Other screws and bolts, whether or not with their nuts or washers	147	China P Rp	27
			Korea Rp	22
			Germany	15
73181900	Th readed articles : Other	45	Japan	14
			China P Rp	10
			Germany	8

For 219 HS codes

## Chapter 84

Machinery and mechanical appliances, electrical equipment, sound recorders and reproducers, television image and sound recorders. and reproducers, and parts



### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
84082020	Engines of cylinder capacity exceeding 250 cc	144	Thailand	115
			Turkey	7
			Italy	7
84099990	Other parts of diesel engine: Other	156	USA	62
			UK	18
			Italy	13
84834000	Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements presented separately; ball or roller screws; gear boxes and other speed changers, including torque converters	232	USA	104
			Germany	22
			China P Rp	20

### Top 3 Import Items

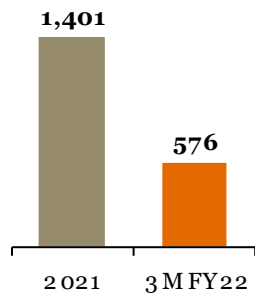
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
84314990	Other : Wheels and Components for Construction and Earthmoving Equipments	194	China P Rp	97
			Korea Rp	28
			Sweden	13
			Germany	13
84834000	Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements presented separately; ball or roller screws; gear boxes and other speed changers, including torque converters	180	China P Rp	73
			Germany	34
			Italy	16
84219900	Other: Parts of Machinery and apparatus for filtering	201	Germany	53
			USA	36
			China P Rp	27

For 219 HS codes

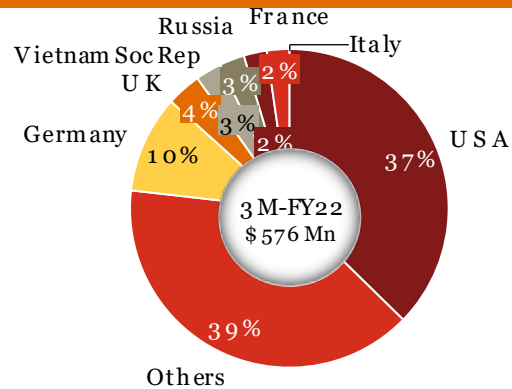
## Chapter 85

### Electrical machinery and equipment and parts thereof

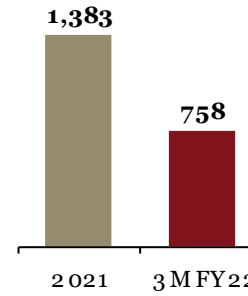
#### Exports (\$ Mn)



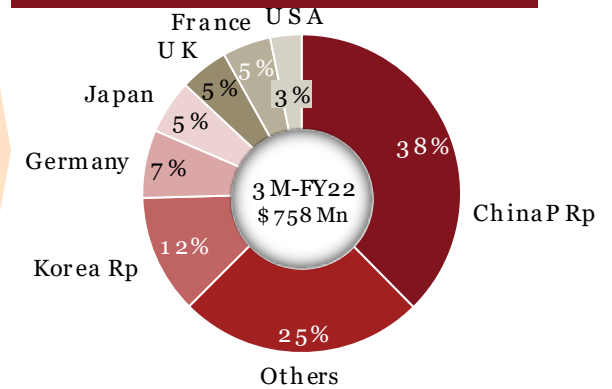
#### Exports-Top Countries (\$ Mn, %)



#### Imports (\$ Mn)



#### Imports-Top Countries (\$ Mn, %)



#### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
85 030090	Other	224	USA	157
			Germany	11
			Finland	7
85114000	Starter motors and dual-purpose starter-generators	72	Germany	20
			USA	14
			UK	7
85443000	Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships	77	USA	11
			UK	10
			France	7

#### Top 3 Import Items

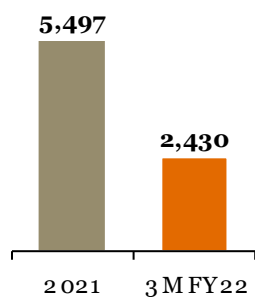
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
85 030090	Other	182	China P Rp	120
			Germany	15
			Spain	7
85129000	Parts	86	China P Rp	38
			Korea Rp	21
			Taiwan	6
85 013119	DC motors :Other	69	China P Rp	38
			Japan	6
			Germany	5

For 219 HS codes

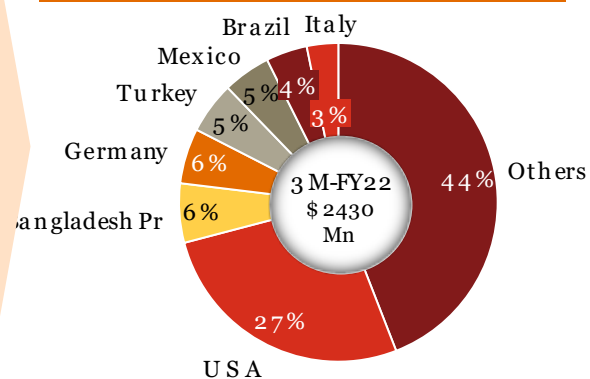
## Chapter 87

### Vehicles other than railway or tramway rolling - stock, and parts and accessories

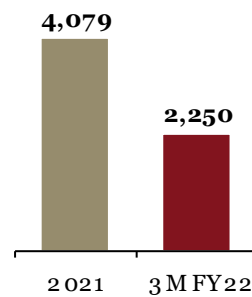
**Exports (\$ Mn)**



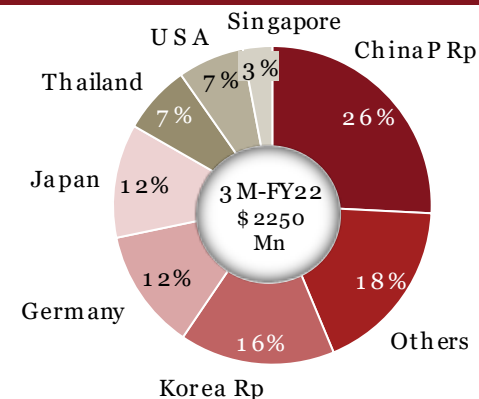
**Exports-Top Countries (\$ Mn, %)**



**Imports (\$ Mn)**



**Imports-Top Countries (\$ Mn, %)**



**Top 3 Export Items**

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
87083000	Brakes and servo-brakes; parts thereof	201	USA	92
			Germany	15
			Russia	12
87089900	Other: Motor vehicle parts (Reservoir for Hydraulic Power Steering Systems+Steering Gear Systems and Parts)	996	USA	275
			Mexico	71
			Germany	68
87141090	Other	211	Bangladesh Pr	90
			Indonesia	13
			Brazil	11

**Top 3 Import Items**

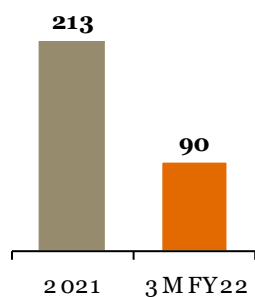
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
87089900	Other: Motor vehicle parts (Reservoir for Hydraulic Power Steering Systems+Steering Gear Systems and Parts)	762	China P Rp	167
			Germany	121
			Korea Rp	103
87084000	Gear boxes and parts thereof	471	Korea Rp	135
			Japan	111
			USA	57
87082900	Other parts and accessories of bodies (including cabs):Other	214	Korea Rp	58
			China P Rp	47
			Thailand	29

For 219 HS codes

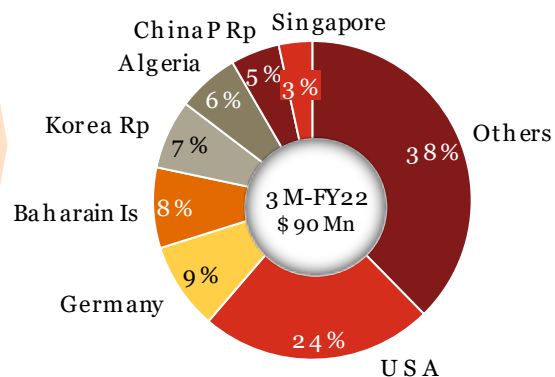
## Chapter 90

### Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories

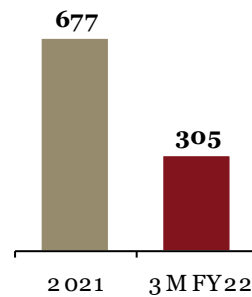
#### Exports (\$ Mn)



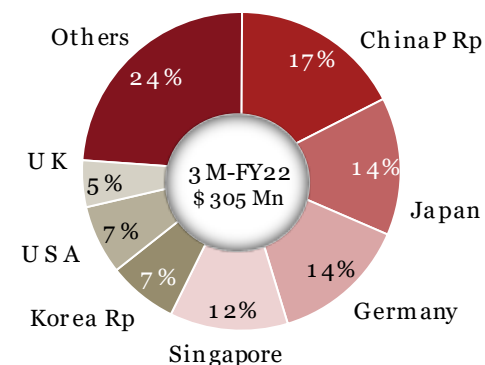
#### Exports-Top Countries (\$ Mn, %)



#### Imports (\$ Mn)



#### Imports-Top Countries (\$ Mn, %)



#### Top 3 Export Items

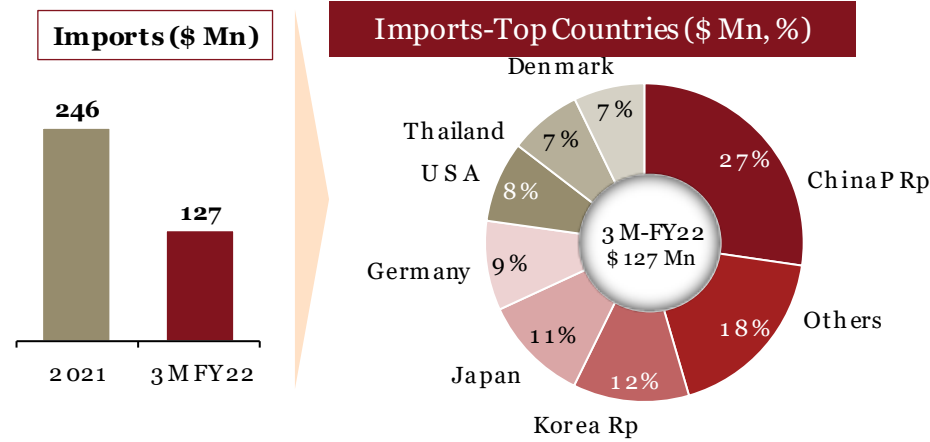
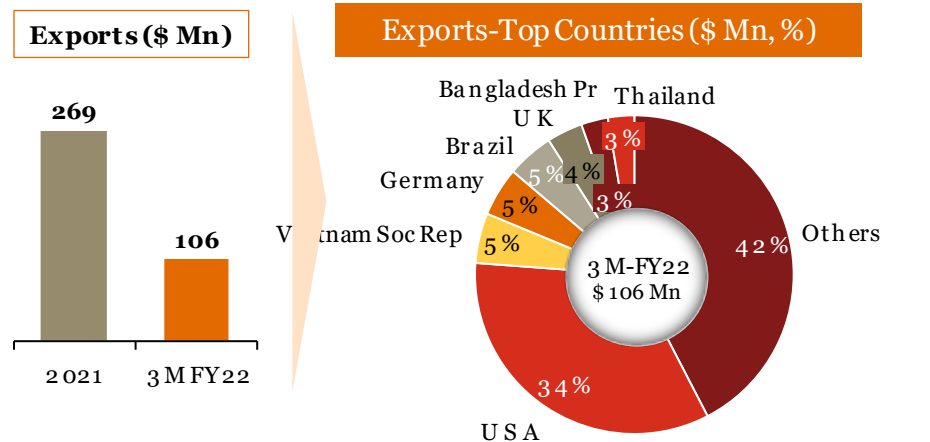
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
90292020	Speedometers, non-electrical	5	Korea Rp	3
			Vietnam Soc Rep	0.26
			Bangladesh Pr	0.16
90319000	Other optical instruments and appliances :Parts and accessories ( Measuring & Checking Instrumnts - Sensors)	20	Germany	0.16
			USA	8
			Germany	6
90328990	Other	63	Ireland	1
			USA	12
			Bah arain Is	7

#### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
90328990	Other	210	China P Rp	43
			Singapore	33
			Germany	26
90319000	Other optical instruments and appliances :Parts and accessories ( Measuring & Checking Instrumnts - Sensors)	88	Japan	20
			Germany	15
			China P Rp	10
90158030	Geophysical instruments	3	Switzerland	1
			Singapore	1
			Australia	1

For 219 HS codes

## Chapter 70,72,68,83,91 & 94 Multiple Chapters



### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
68138100	Brake linings and pads (Not containing Asbestos)	20	USA	9
			Egypt A Rp	1
			U Arab Emts	1
70099200	Other : Framed	21	USA	14
			UK	1
			France	1
83012000	Locks of a kind used for motor vehicles	23	USA	5
			UK	2
			Thailand	2

### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
94012000	Seats of a kind used for motor vehicles	24	China P Rp	9
			Thailand	5
			UK	3
68138900	Not containing asbestos - Other	15	Japan	8
			Denmark	4
			USA	1
83023090	Other	16	Korea Rp	6
			China P Rp	2
			Germany	2

For 219 HS codes



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