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

*View: 6M-FY 22*

Prepared for ACMA

*Strictly private  
and confidential*

*November 2021*



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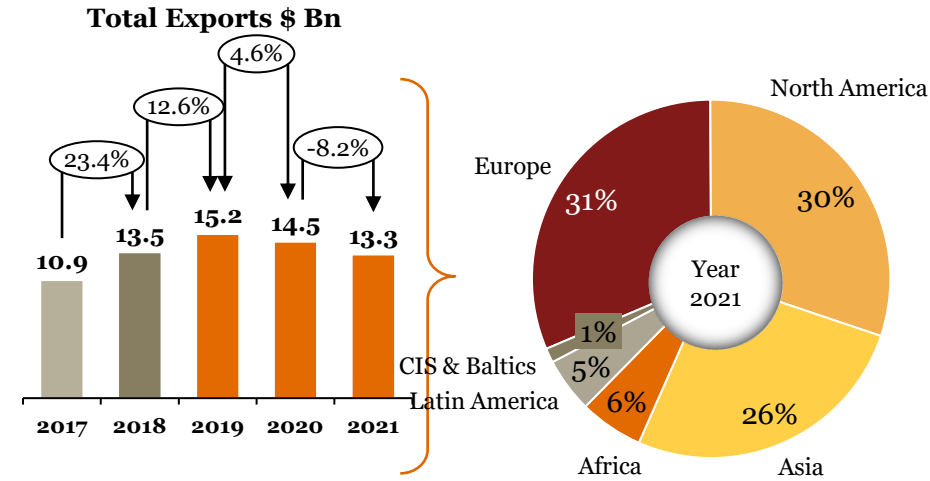
From this Contents page – click on the title of the section or sub-section

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

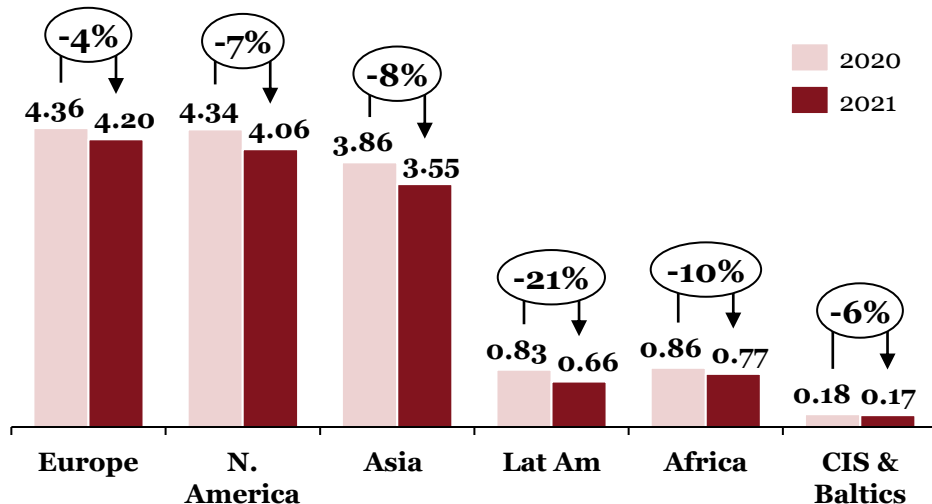
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# *Executive Summary FY-21*

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

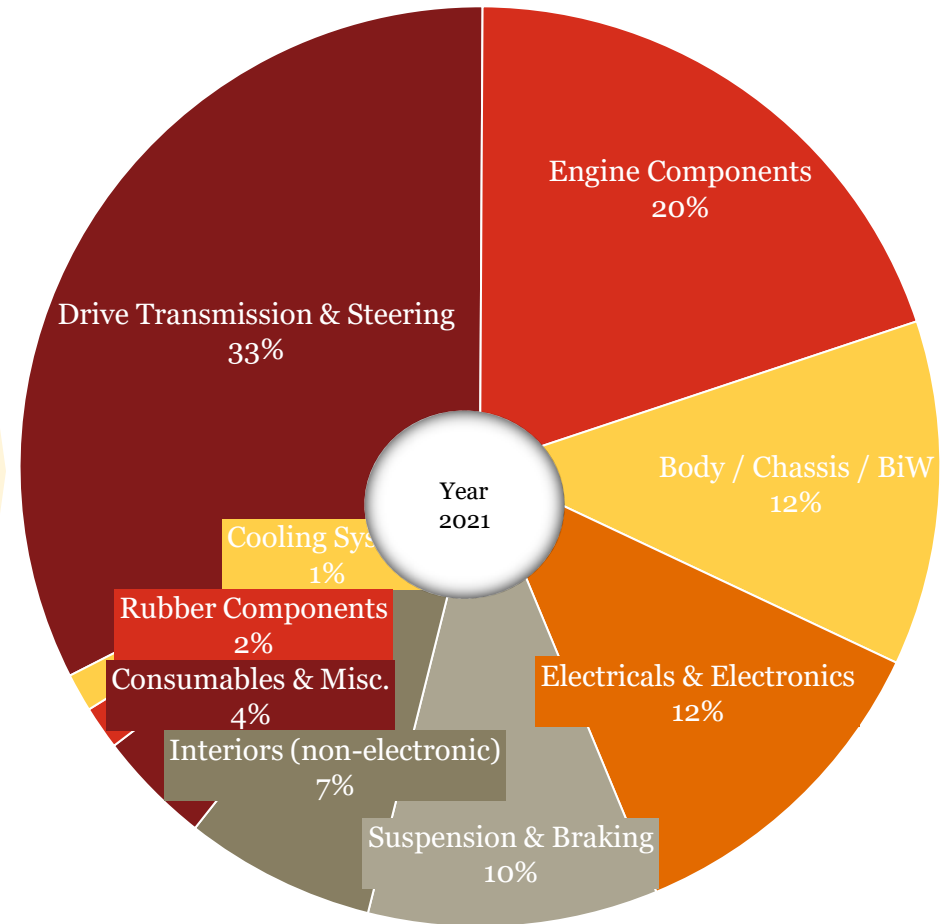
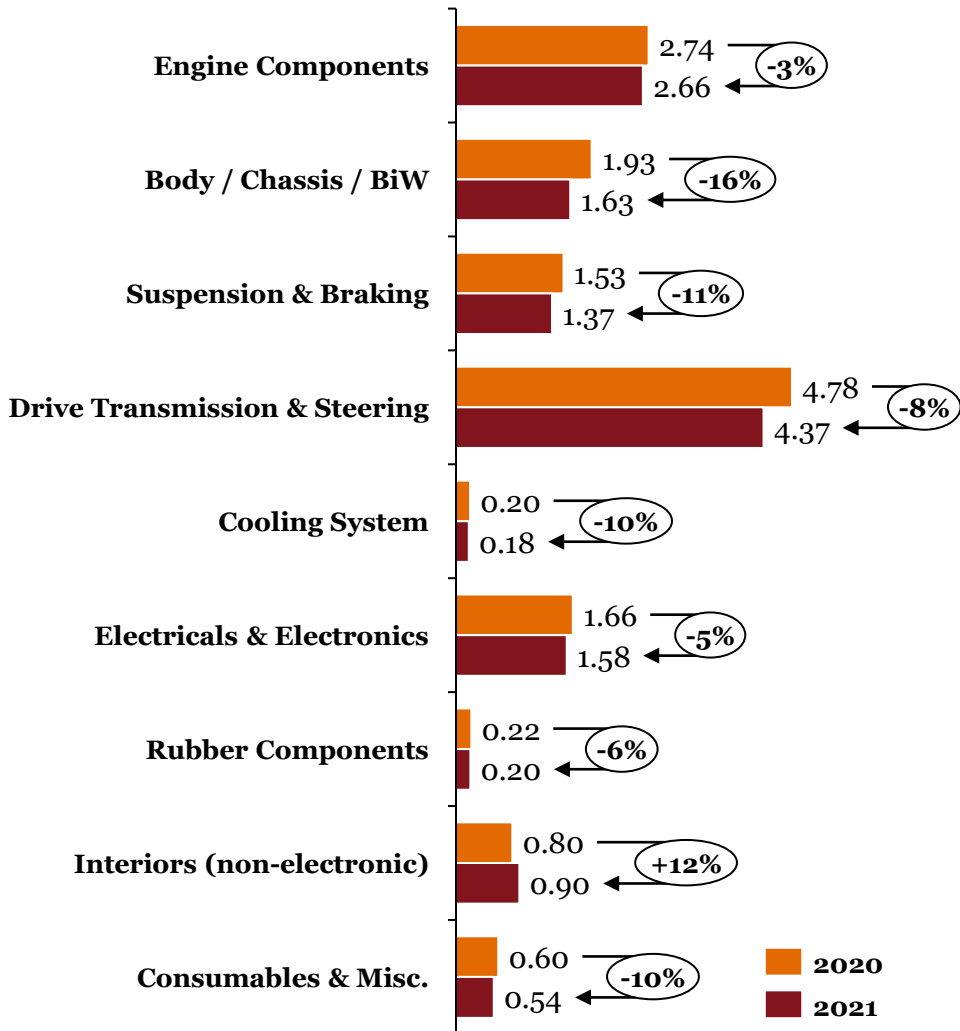


- The trade deficit decreased to ~\$0.5B for auto components. Exports grew strongly in H2 FY21 (~2.5x of H1)
- **Latin America** saw the biggest drop in export among all regions due to Covid-19 restrictions; **Europe and North America** remain the biggest export regions accounting for 64% of exports.
- ‘**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

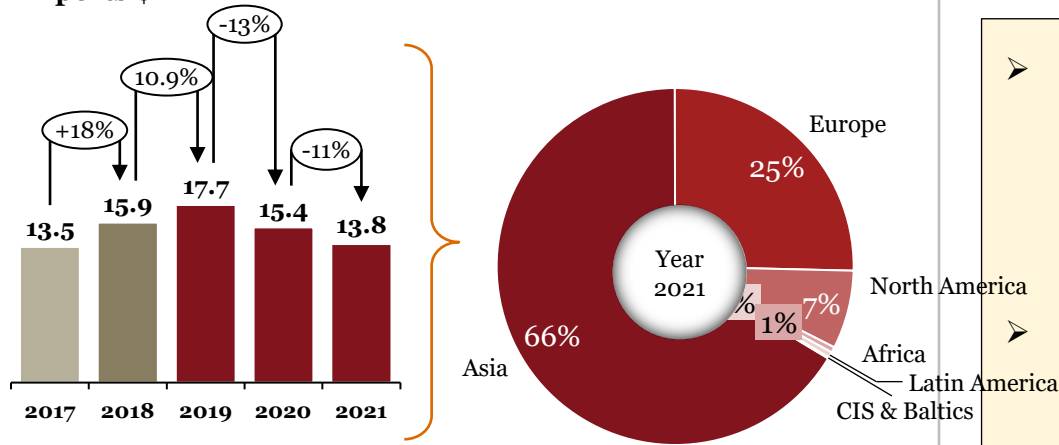
## Segmentation by product type: Exports (FY-o-FY)



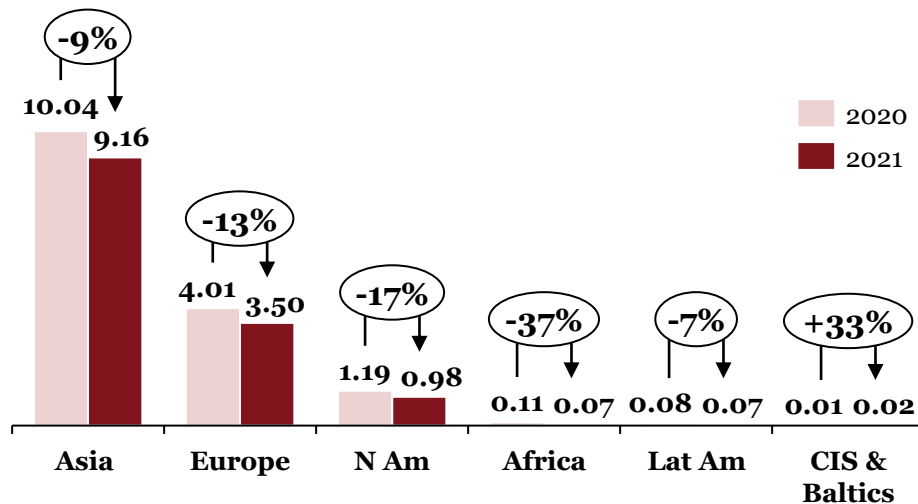
All periods mentioned are FY  
\*For 218 HS codes

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

Total Imports \$ Bn

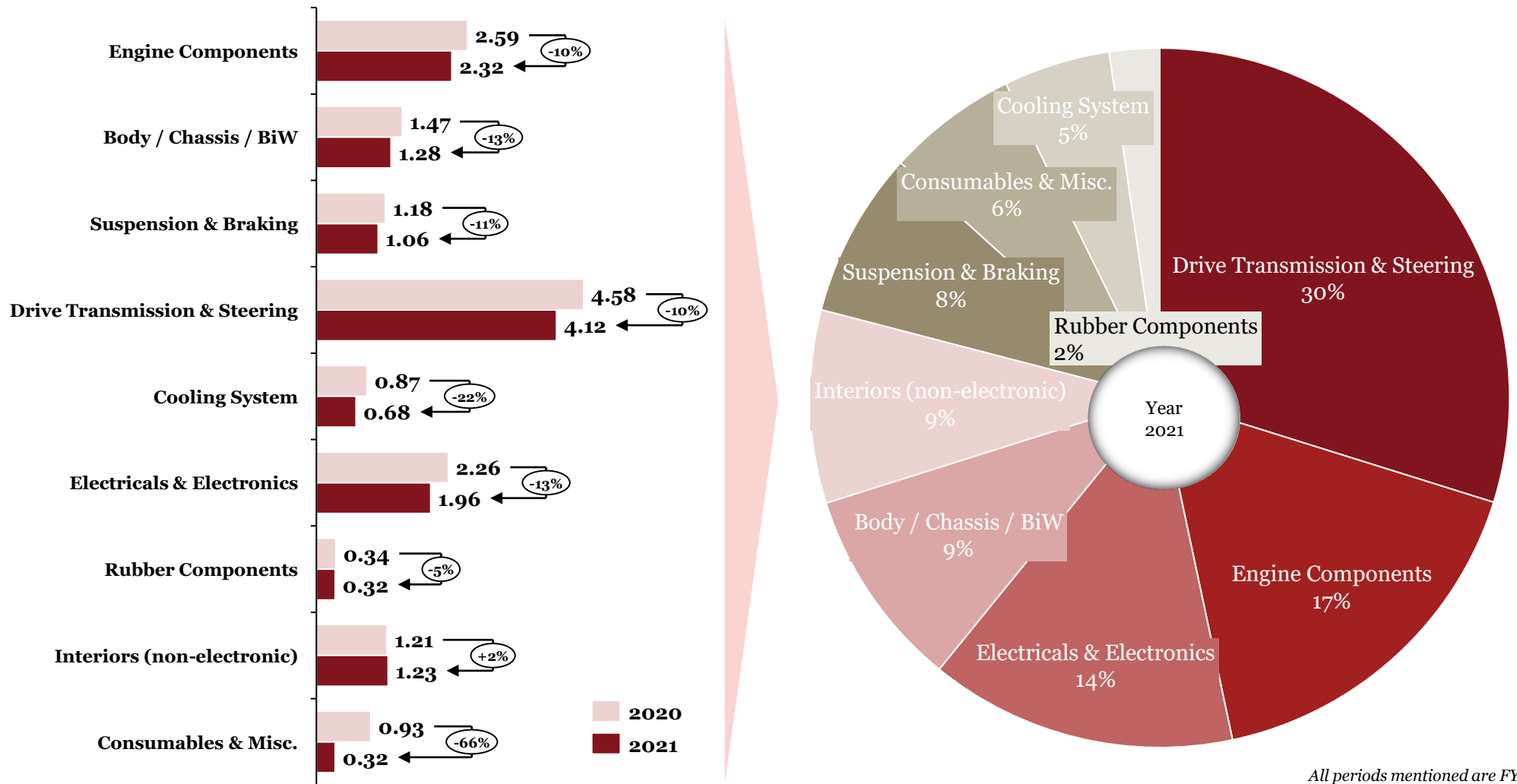


- FY21 saw a ~ **11%** dip in auto components imports into India owing to decreased production, protectionist domestic policies and the pandemic weighing in on domestic demand for foreign components.
- Government’s PLI scheme expected to increase exports; reduce dependency on **China & Korea** (account 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

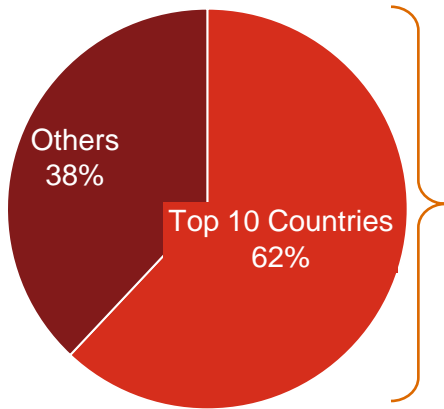
## Segmentation by product type: Imports (FY-o-FY)



All periods mentioned are FY  
\*For 218 HS codes

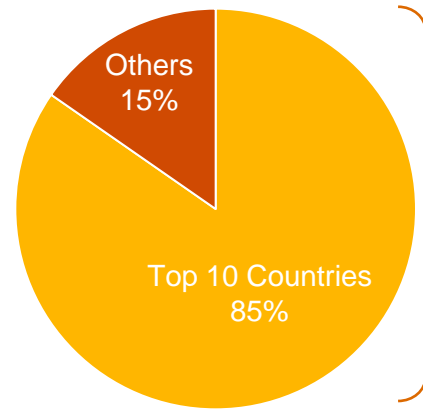
## Key highlights of “Exports” & “Imports” in FY 21

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

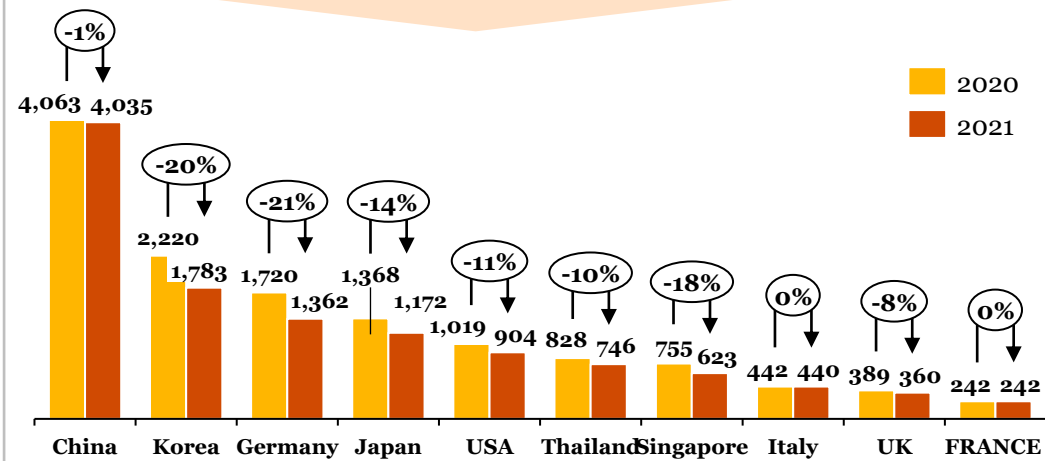
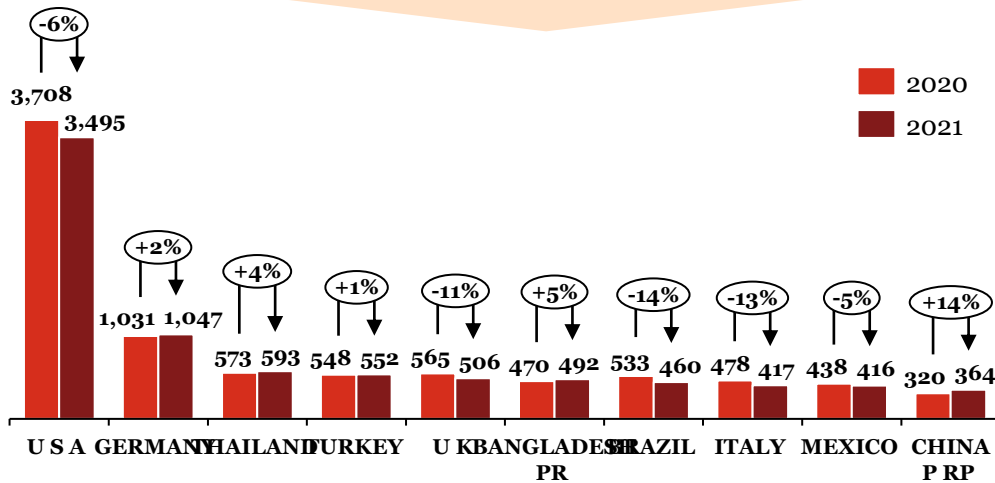


Top 10 Countries	Share of Ex-FY21	Share of Ex-FY20
U S A	26%	26%
GERMANY	8%	7%
THAILAND	4%	4%
TURKEY	4%	4%
U K	4%	4%
BANGLADESH PR	4%	3%
BRAZIL	3%	4%
ITALY	3%	3%
MEXICO	3%	3%
CHINA P RP	3%	2%

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%



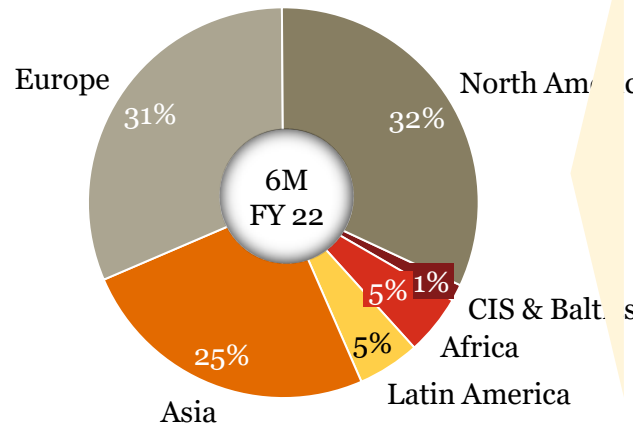
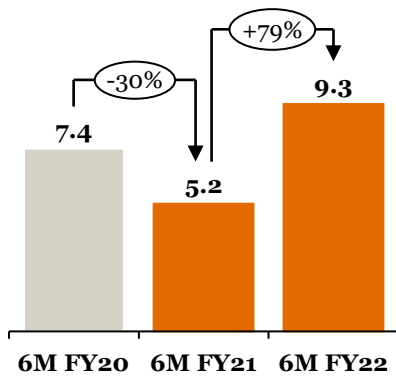
All periods mentioned are FY \*For 218 HS codes



# ***Executive Summary 6M:FY-22***

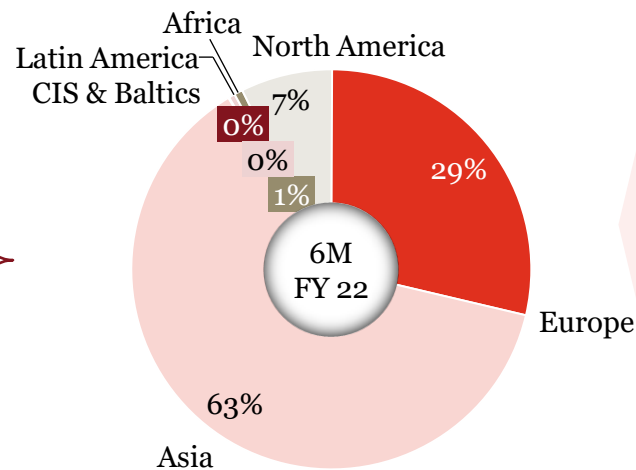
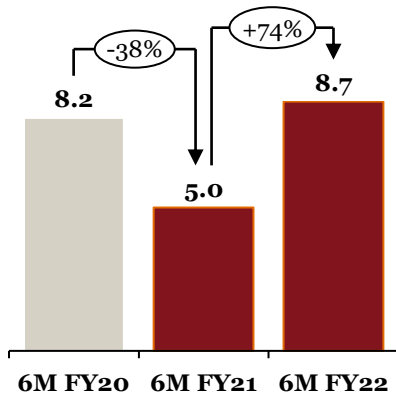
## 6M-FY 22 : Summary of 6M performance y-o-y for “Exports” and “Imports”

### Exports (\$ Bn)



- Europe and North America remain the two primary export destinations, together accounting for ~63% of exports and both having outperformed the market average.
- African exports underperformed over the last fiscal year, as Africa was amongst the hardest hit regions by the second wave.

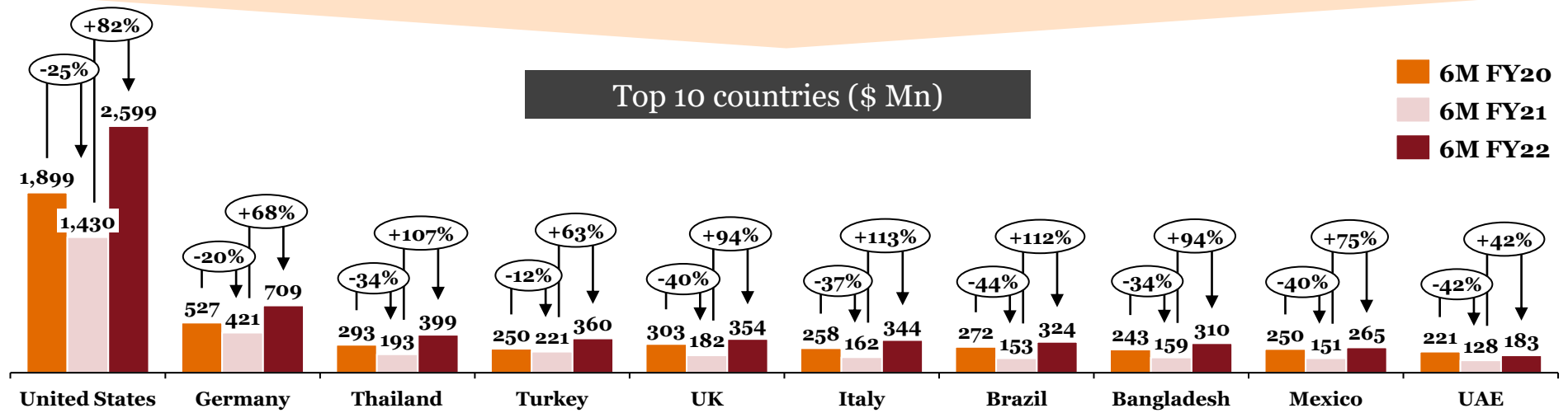
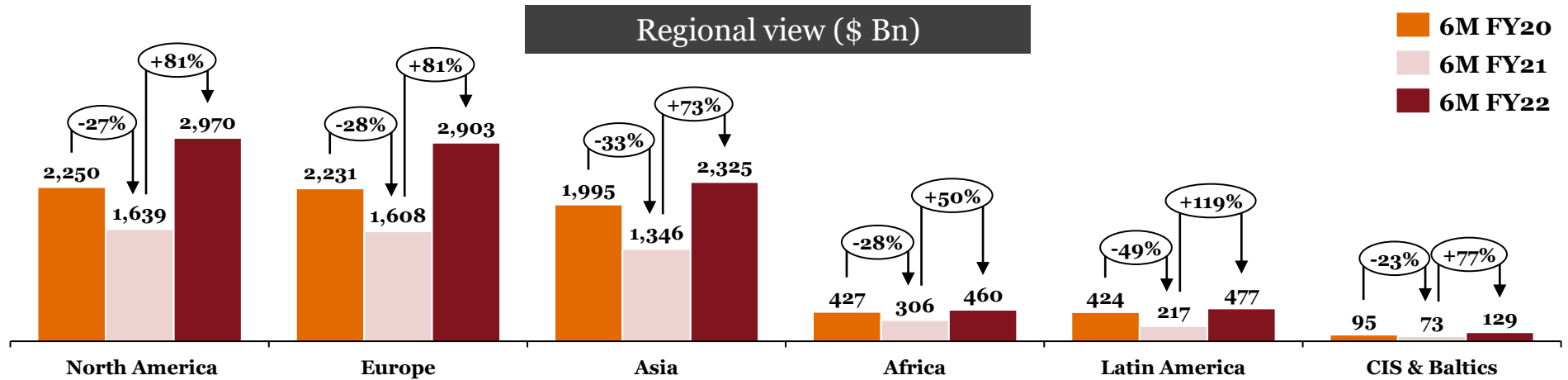
### Imports (\$ Bn)



- Asian and European imports account for over 90% of all imports, both having outperformed the global average.
- North America, the third largest import destination, experienced a fall in market share, as North American imports increased by only 50% Y-o-Y, whereas the market average stands at 74%

\*For 219 HS codes

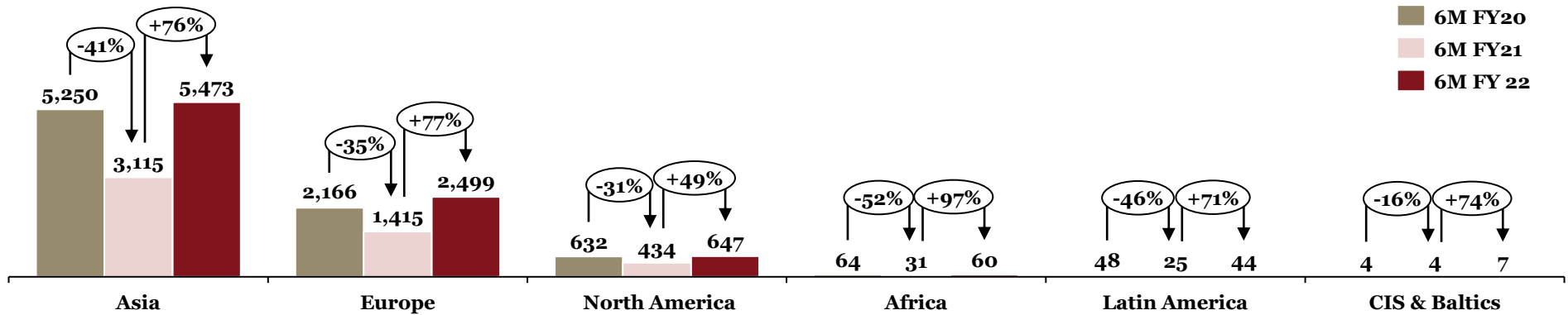
## 6M-FY 20 vs. 6M-FY 21 vs. 6M-FY 22 Exports



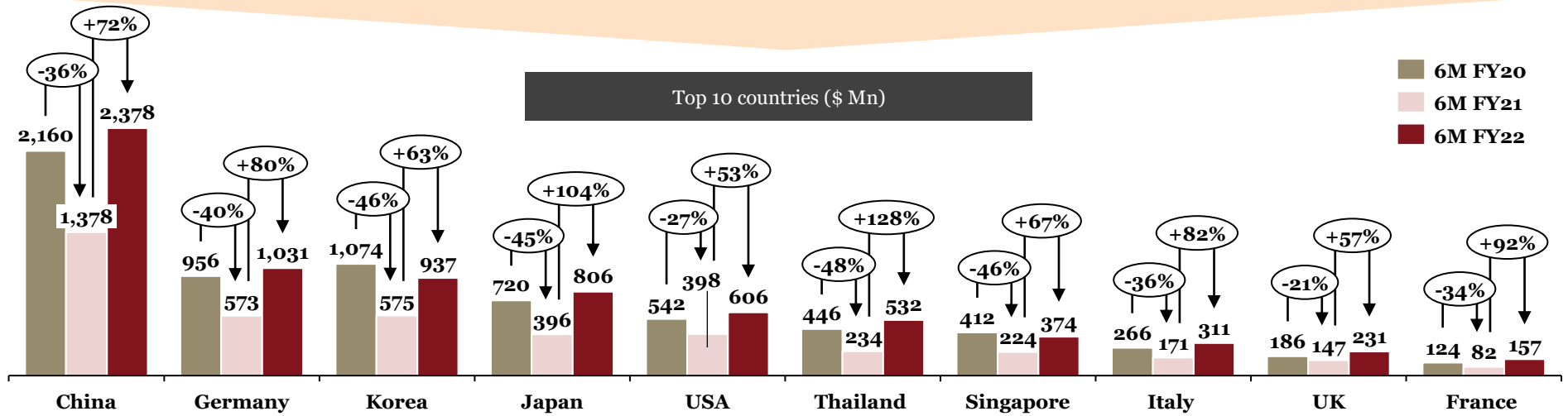
\*For 219 HS codes

## 6M-FY 20 vs. 6M-FY 21 vs. 6M-FY 22 Imports

Regional view (\$ Bn)

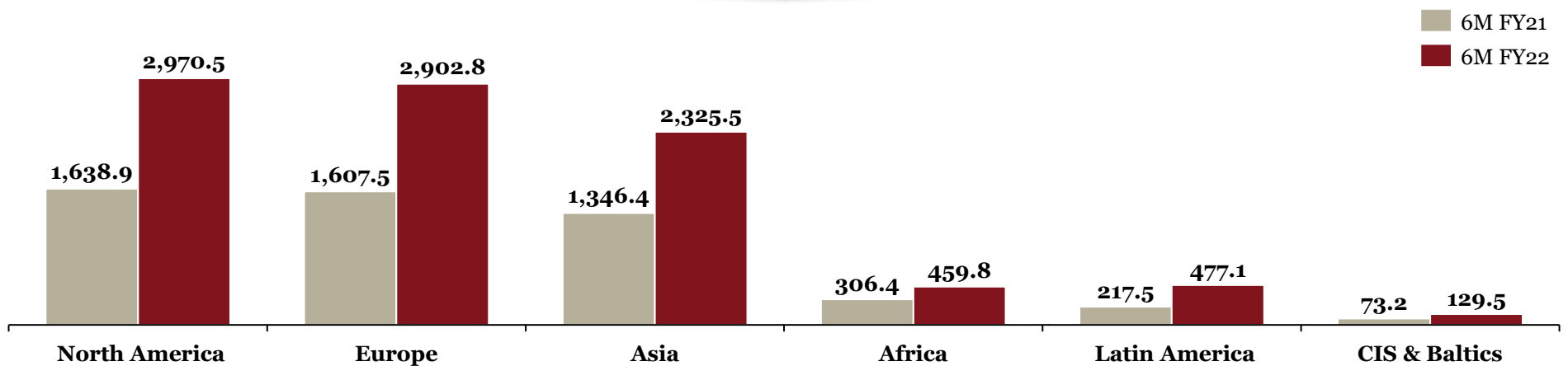
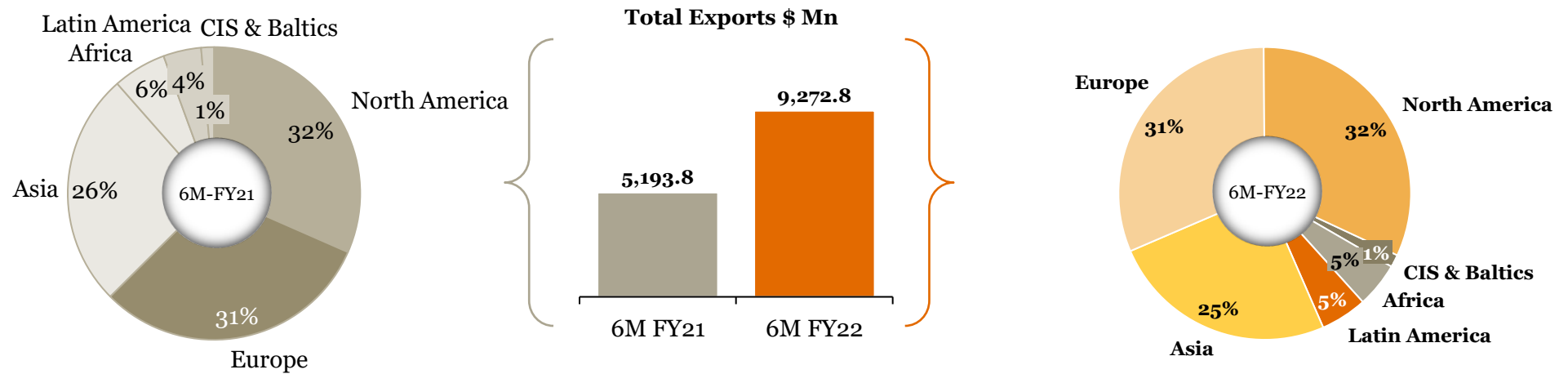


Top 10 countries (\$ Mn)



\*For 219 HS codes

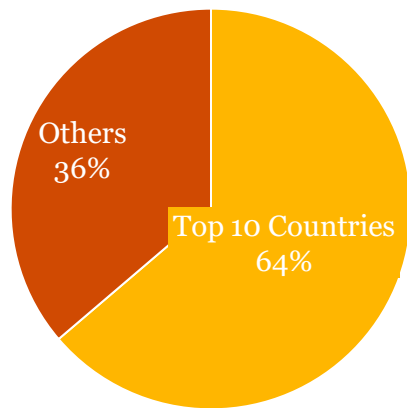
## Overview of “Exports” for Indian auto component industry in 6M-FY 22



For 219 HS codes

## Key highlights of “Exports” in 6M-FY 22

**Top Countries (\$ Mn), 6M-FY 22**



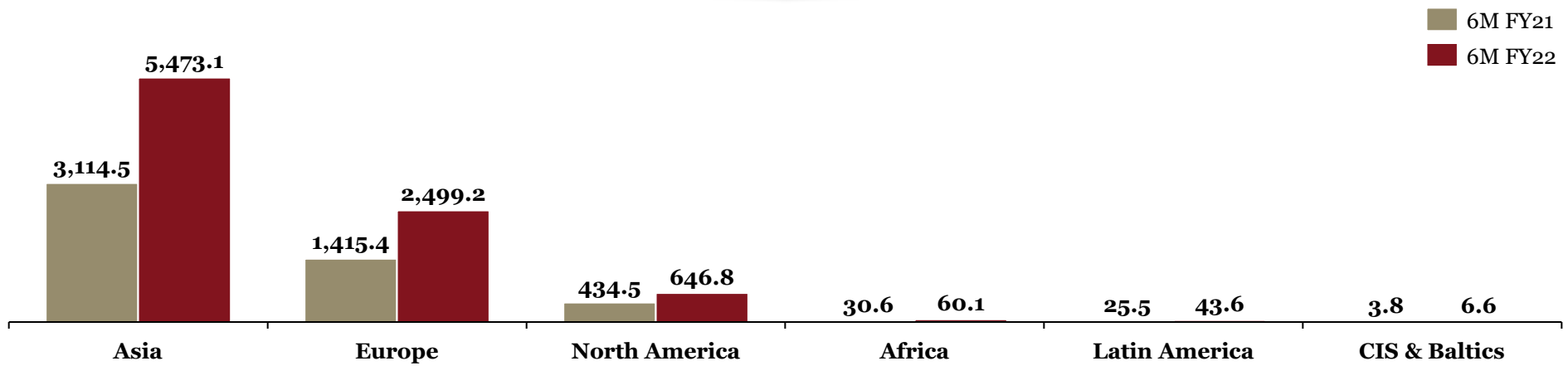
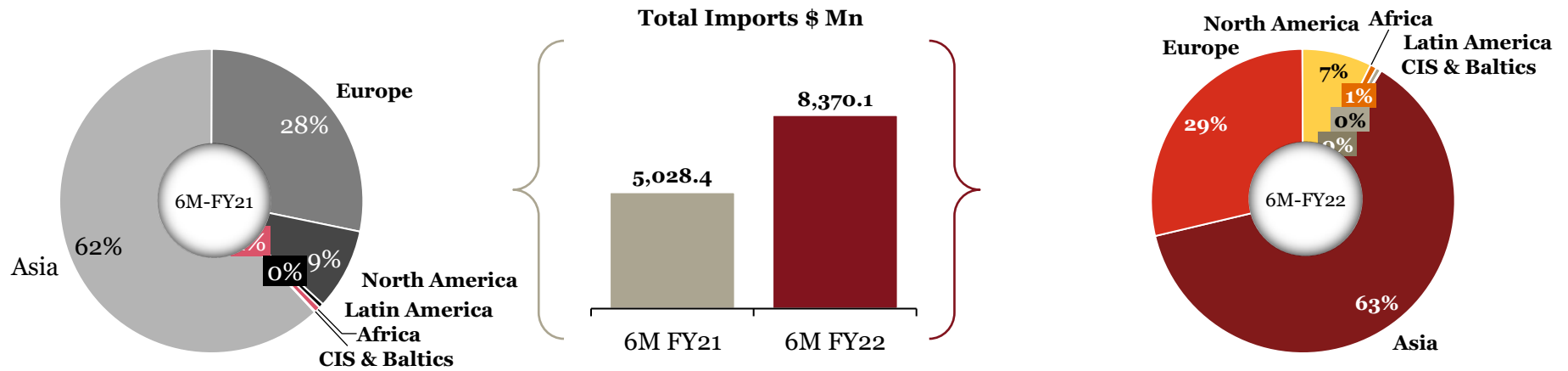
Top 10 Countries	Share of Ex 6M-FY22	Share of Ex 6M-FY21
U S A	28%	28%
Germany	8%	8%
Thailand	4%	4%
Turkey	4%	4%
U K	4%	4%
Italy	4%	3%
Brazil	3%	3%
Bangladesh Pr	3%	3%
Mexico	3%	3%
China P Rp	3%	3%

**Top HS codes (\$ Mn), 6M-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)
U S A	416.58	
MEXICO	111.03	
GERMANY	104.42	
<b>73269099</b>		All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked
U S A	186.34	
U K	26.75	
THAILAND	26.13	
<b>85030090</b>		Other
U S A	202.97	
GERMANY	18.07	
FINLAND	9.55	
<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
U S A	152.19	
BRAZIL	41.49	
CHINA P RP	35.91	
<b>84082020</b>		Engines of cylinder capacity exceeding 250 cc
THAILAND	165.23	
TURKEY	12.54	
ITALY	12.4	
<b>87083000</b>		Brakes and servo-brakes; parts thereof
U S A	141.38	
GERMANY	23.98	
RUSSIA	17.8	
<b>87085000</b>		Drive-axles with differential, whether or not provided with other transmission components, non-driving axles; parts thereof
U S A	127.74	
CHINA P RP	21.59	
ITALY	20.79	

For 219 HS codes

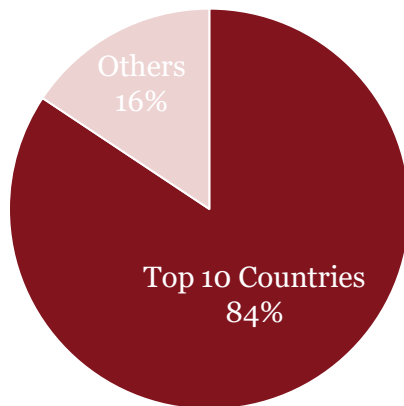
## Overview of “Imports” for Indian auto component industry in 6M-FY 22



For 219 HS codes

## Key highlights of “Imports” in 6M-FY 22

**Top Countries (\$ Mn), 6M-FY 22**



Top 10 Countries	Share of Im 6M-FY22	Share of Im 6M-FY21
China P Rp	27%	27%
Germany	12%	11%
Korea Rp	11%	11%
Japan	9%	8%
U S A	7%	8%
Thailand	6%	5%
Singapore	4%	4%
Italy	4%	3%
U K	3%	3%
France	2%	2%

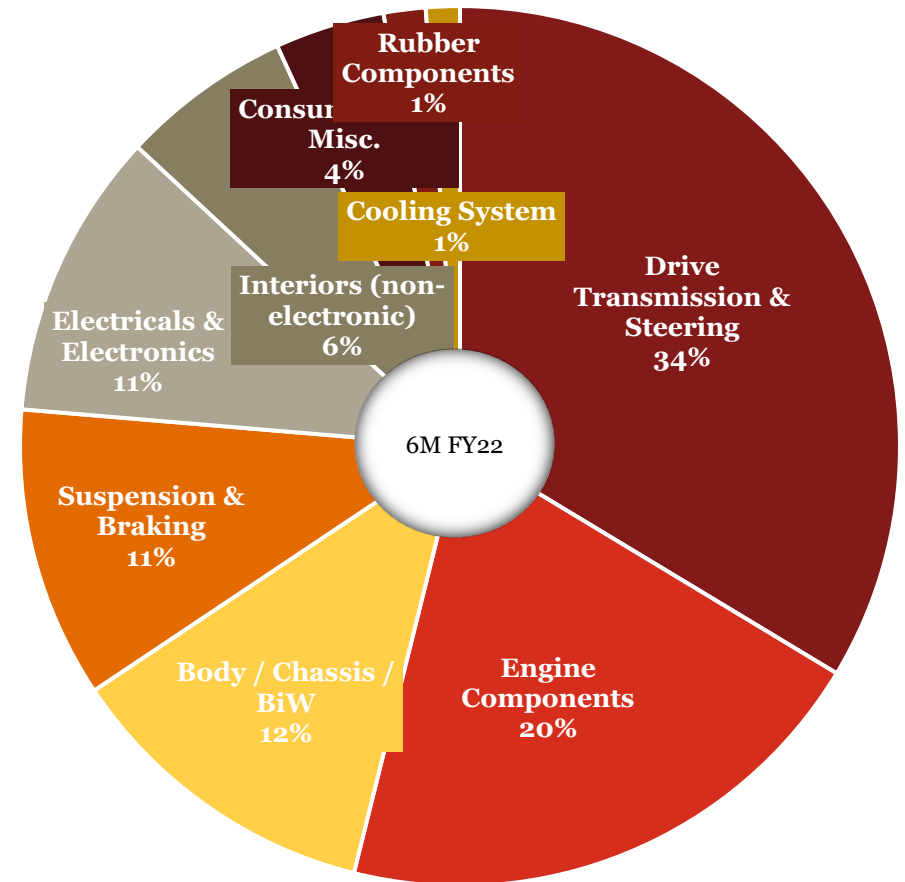
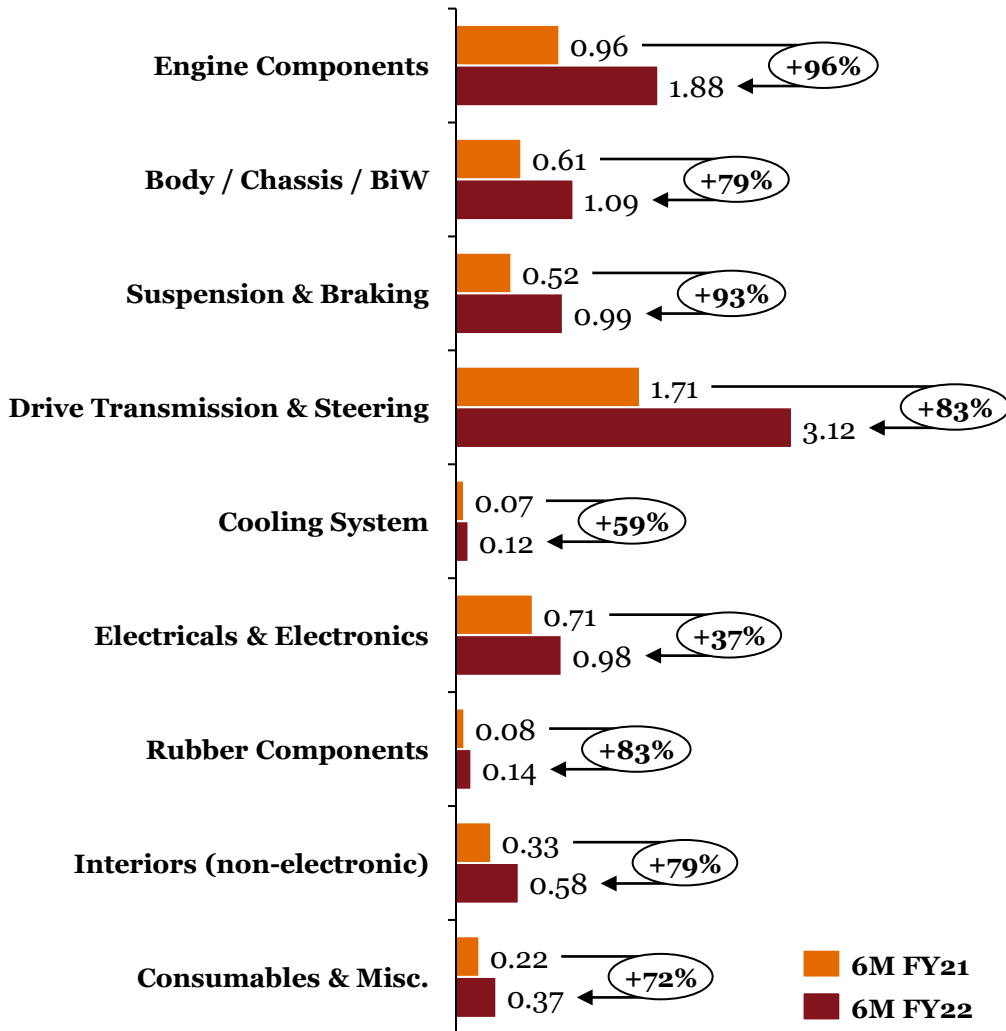
**Top HS codes (\$ Mn), 6M-FY 22**

HS codes	Value \$ Mn	Description
<b>87089900</b>		Other: Motor vehicle parts (Reservoir for Hydraulic Power Steering Systems+Steering Gear Systems and Parts)
CHINA P RP	196.89	
GERMANY	145.03	
KOREA RP	115.84	
<b>87084000</b>		Gear boxes and parts thereof
KOREA RP	149.94	
JAPAN	136.9	
U S A	65.3	
<b>87141090</b>		Other
CHINA P RP	162.01	
JAPAN	11.88	
INDONESIA	10.62	
<b>85030090</b>		Other
CHINA P RP	145.56	
GERMANY	16.95	
SPAIN	9.66	
<b>84314990</b>		Other : Wheels and Components for Construction and Earthmoving Equipments
CHINA P RP	115.73	
KOREA RP	31.77	
SWEDEN	14.59	
<b>87082900</b>		Other parts and accessories of bodies (including cabs) :Other
KOREA RP	66.35	
CHINA P RP	53.17	
GERMANY	37.3	
<b>84073410</b>		Spark Ignition Reciprocating Piston Engine of a Cylinder for motor cars
CHINA P RP	90.31	
SOUTH AFRICA	30.79	
KOREA RP	29.12	

For 219 HS codes

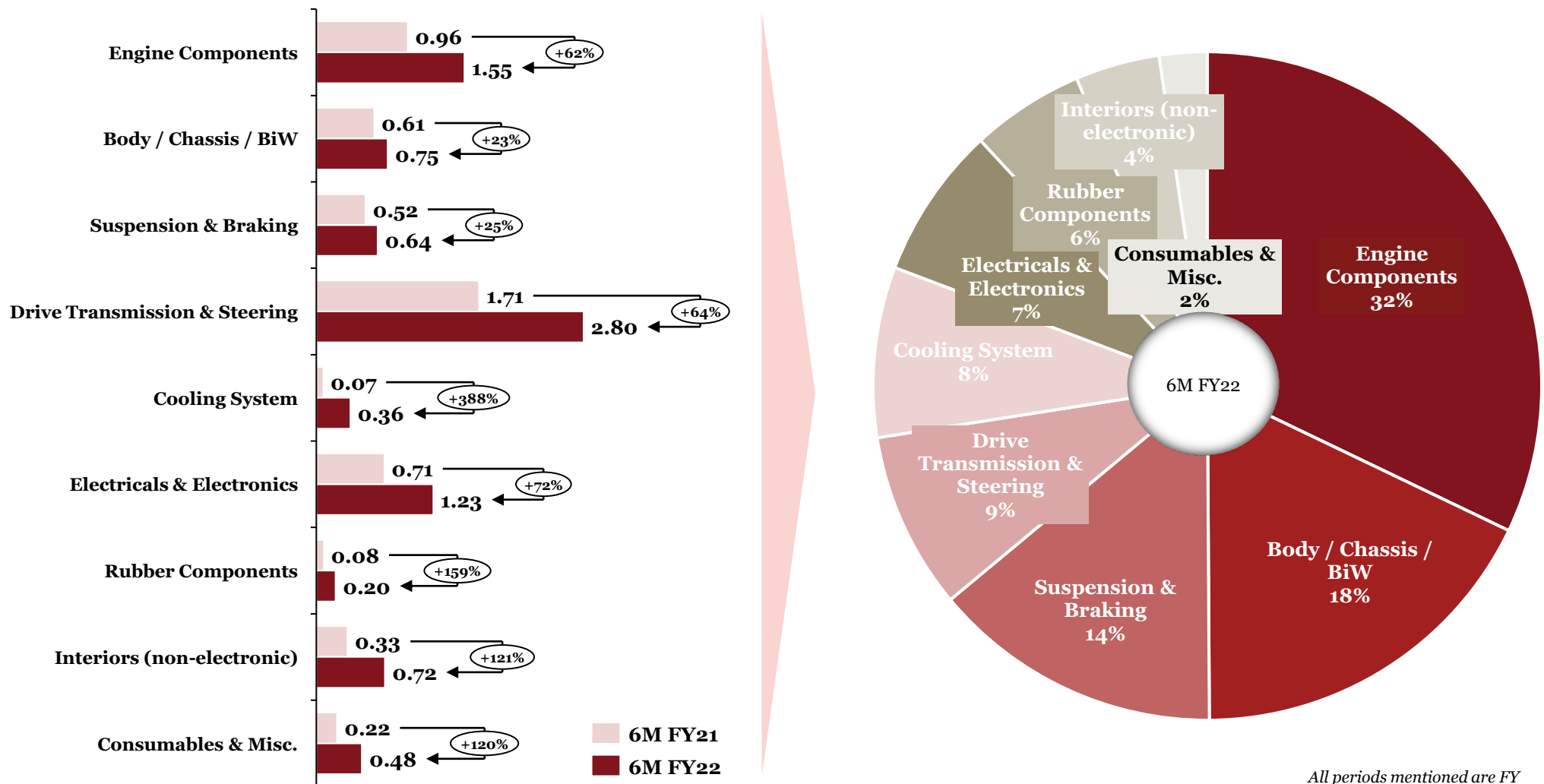


## Segmentation by product type: Exports (6M FY21 vs 6M FY22)



All periods mentioned are FY  
\*For 218 HS codes

## Segmentation by product type: Imports (6M FY21 vs 6M FY22)



All periods mentioned are FY  
\*For 218 HS codes

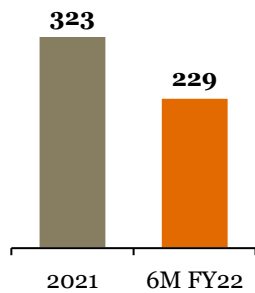
# *Chapter wise detailed analysis*

<b>Chapter wise detailed analysis</b>		<b>18</b>
1	Chapter 40	19
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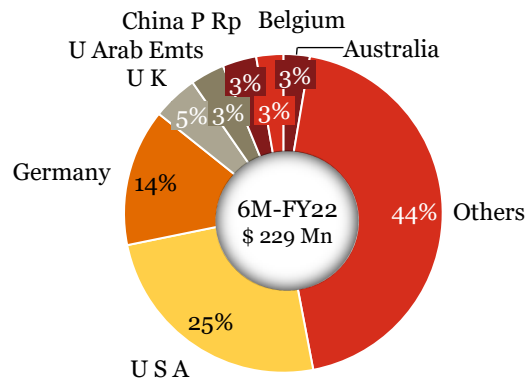
## Chapter 40

### Rubber and articles

#### Exports (\$ Mn)



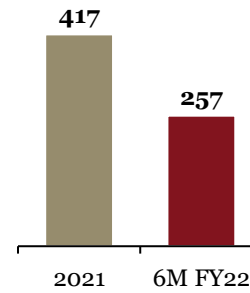
#### Exports-Top Countries (\$ Mn, %)



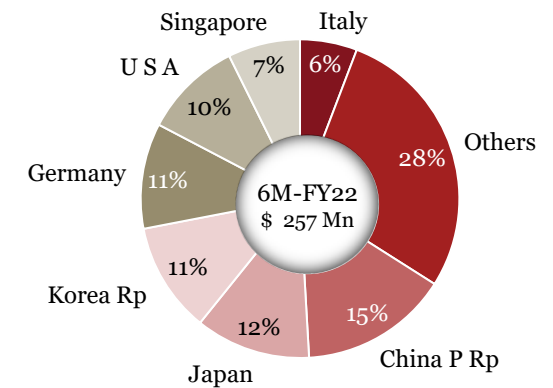
#### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
40169990	Others : Arcticles of Vulcanized Rubber other than hard rubber	96	USA	24
			Germany	18
			U K	4
40093100	Tubes, Pipes and hoses of vulcnised rubber other than hard rubber: Without fitting	26	USA	12
			Germany	3
			U K	2
40092100	Reinforced or otherwise combined only with metal: without fittings	35	USA	8
			Germany	5
			China P Rp	4

#### Imports (\$ Mn)



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



#### Top 3 Import Items

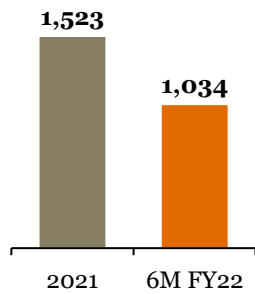
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
40169990	Others : Arcticles of Vulcanized Rubber other than hard rubber	96	China P Rp	15
			Korea Rp	13
			Germany	11
40169330	Rubber seals (Oil seals and the like)	45	Japan	9
			Korea Rp	6
			USA	5
40169320	Rubber rings (O-ring)	27	Japan	5
			Germany	4
			USA	3

For 219 HS codes

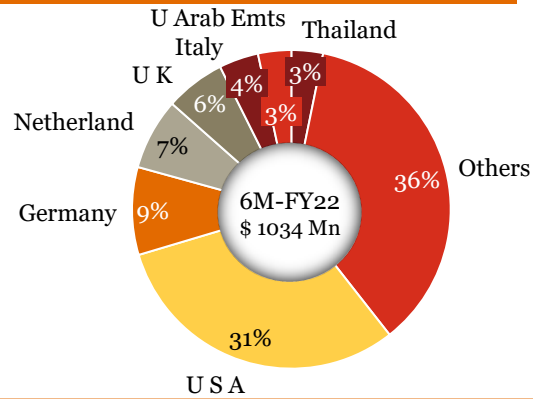
## Chapter 73

### Articles of iron or steel

#### Exports (\$ Mn)



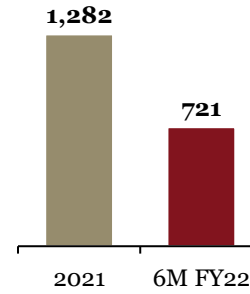
#### Exports-Top Countries (\$ Mn, %)



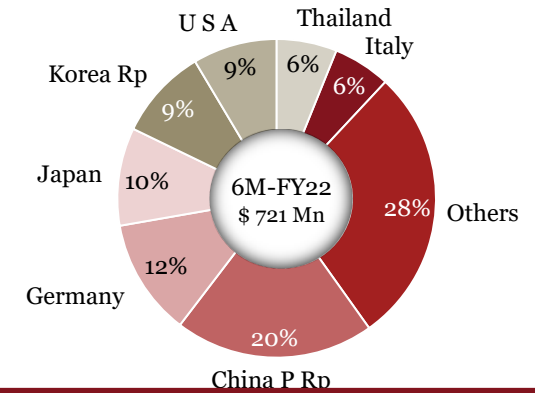
#### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
73072100	Other, of stainless steel : Flanges	89	Netherland	17
			U S A	12
			Germany	10
73181500	Threaded articles : Other screws and bolts, whether or not with their nuts or washers	185	Netherland	32
			U S A	26
			Germany	24
73269099	All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked	440	U S A	186
			U K	27
			Thailand	26

#### Imports (\$ Mn)



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



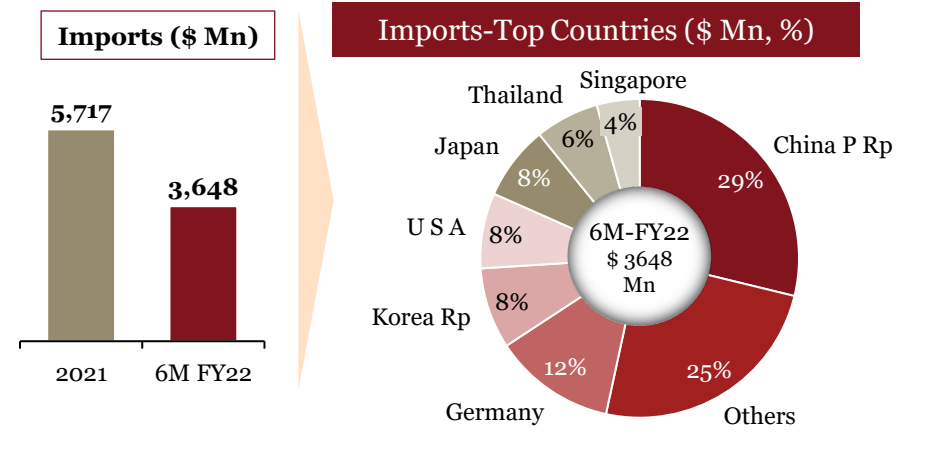
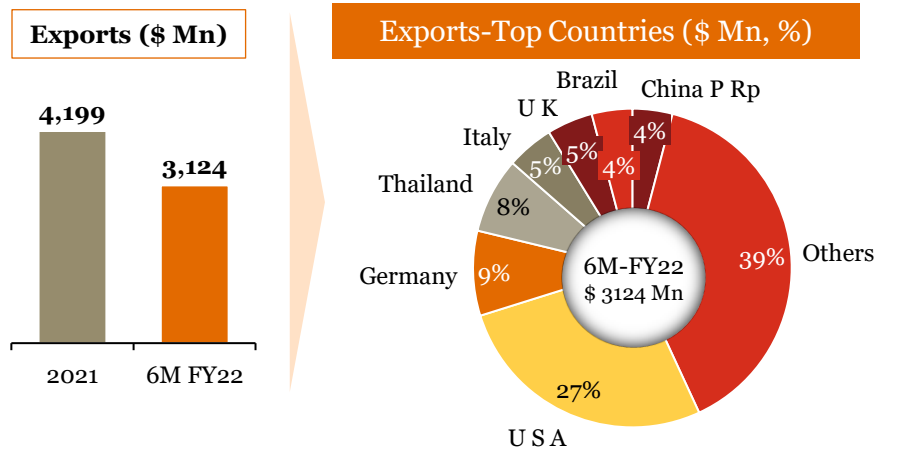
#### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
73269099	All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked	302	China P Rp	65
			U S A	32
			Germany	25
73181500	Threaded articles : Other screws and bolts, whether or not with their nuts or washers	178	China P Rp	34
			Korea Rp	25
			Germany	19
			Japan	15
73181900	Threaded articles : Other	52	China P Rp	13
			Germany	9

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	212	Thailand	165
			Turkey	13
			Italy	12
84099990	Other parts of diesel engine: Other	233	U S A	92
			U K	26
			Italy	20
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	372	U S A	152
			Brazil	41
			China P Rp	36

### Top 3 Import Items

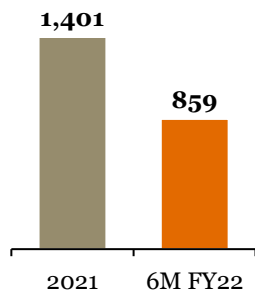
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
84314990	Other : Wheels and Components for Construction and Earthmoving Equipments	228	China P Rp	116
			Korea Rp	32
			Sweden	15
84834000	Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements presented separately; ball or roller screws; gear boxes and other speed changers, including torque converters	213	China P Rp	88
			Germany	39
84219900	Other: Parts of Machinery and apparatus for filtering	248	Italy	19
			Germany	66
			U S A	43
			China P Rp	36

For 219 HS codes

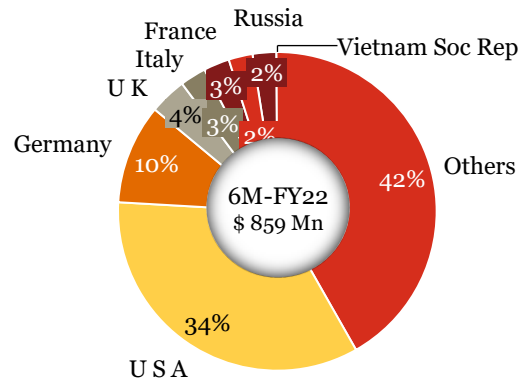
## Chapter 85

### Electrical machinery and equipment and parts thereof

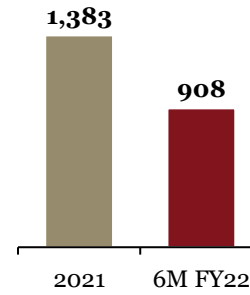
**Exports (\$ Mn)**



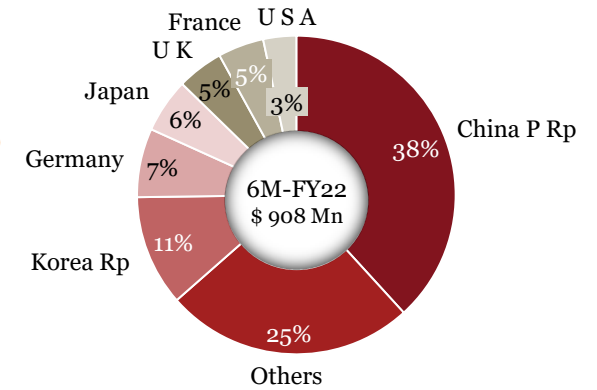
**Exports-Top Countries (\$ Mn, %)**



**Imports (\$ Mn)**



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



**Top 3 Export Items**

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
85030090	Other	311	U S A	203
			Germany	18
			Finland	10
85114000	Starter motors and dual purpose starter-generators	109	Germany	27
			U S A	23
			U K	10
85443000	Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships	125	U K	17
			U S A	17
			France	12

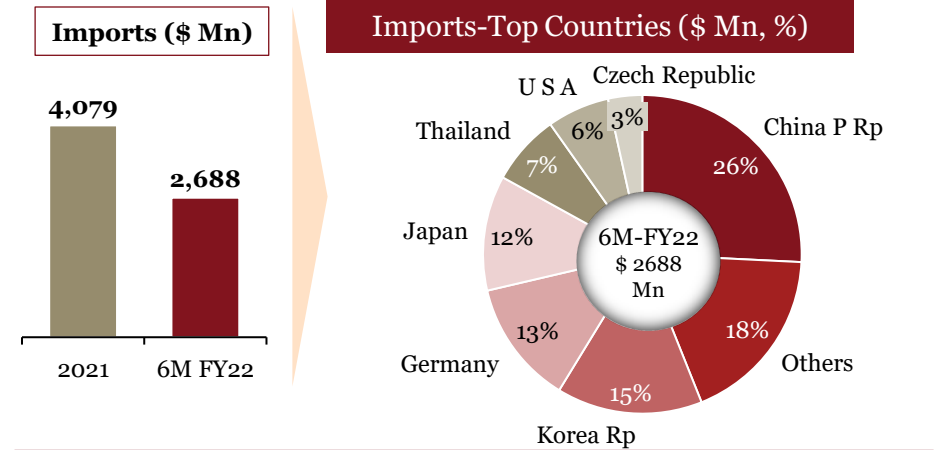
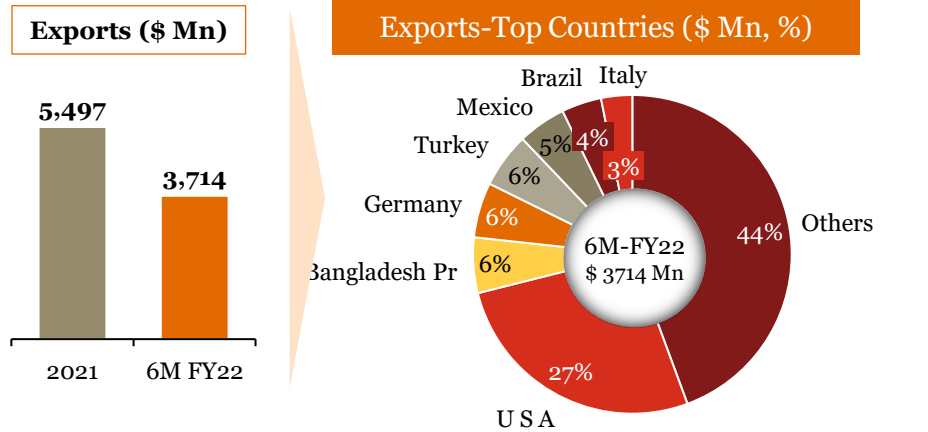
**Top 3 Import Items**

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
85030090	Other	222	China P Rp	146
			Germany	17
			Spain	10
85129000	Parts	100	China P Rp	44
			Korea Rp	23
			Taiwan	7
85013119	DC motors :Other	86	China P Rp	47
			Japan	8
			Germany	6

For 219 HS codes

## Chapter 87

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



#### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
87083000	Brakes and servo-brakes; parts thereof	307	U S A	141
			Germany	24
			Russia	18
87089900	Other: Motor vehicle parts (Reservoir for Hydraulic Power Steering Systems+Steering Gear Systems and Parts)	1526	U S A	417
			Mexico	111
			Germany	104
87141090	Other	318	Bangladesh Pr	128
			Indonesia	19
			Brazil	17

#### 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)	909	China P Rp	197
			Germany	145
			Korea Rp	116
87084000	Gear boxes and parts thereof	559	Korea Rp	150
			Japan	137
			U S A	65
87082900	Other parts and accessories of bodies (including cabs) :Other	252	Korea Rp	66
			China P Rp	53
			Germany	37

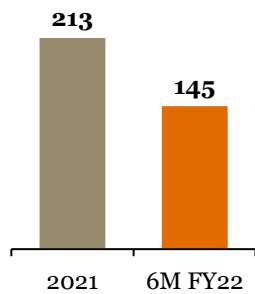
For 219 HS codes



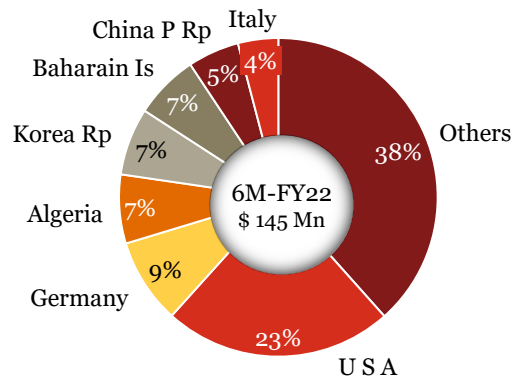
## Chapter 90

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

#### Exports (\$ Mn)



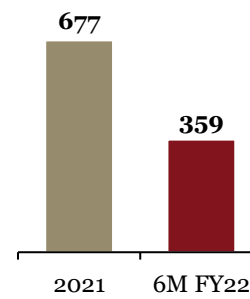
#### Exports-Top Countries (\$ Mn, %)



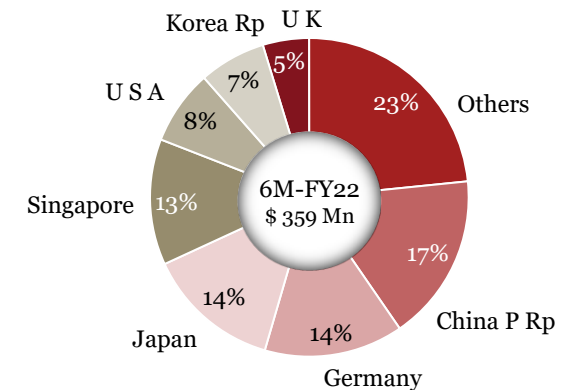
#### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
90292020	Speedometers, non-electrical	6	Korea Rp	4
			Vietnam Soc Rep	0.37
			Bangladesh Pr	0.26
90319000	Other optical instruments and appliances :Parts and accessories ( Measuring & Checking Insturments - Sensors)	33	USA	14
			Germany	9
			Ireland	1
90328990	Other	102	USA	19
			Algeria	10
			Baharain Is	9

#### Imports (\$ Mn)



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



#### Top 3 Import Items

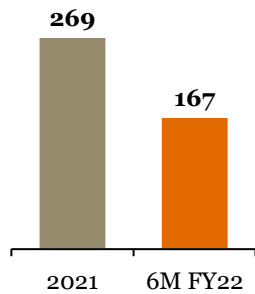
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
90328990	Other	249	China P Rp	49
			Singapore	42
			Germany	32
90319000	Other optical instruments and appliances :Parts and accessories ( Measuring & Checking Insturments -Sensors)	103	Japan	24
			Germany	18
			China P Rp	12
90158030	Geophysical instruments	3	Switzerland	1
			Australia	1
			Singapore	1

For 219 HS codes

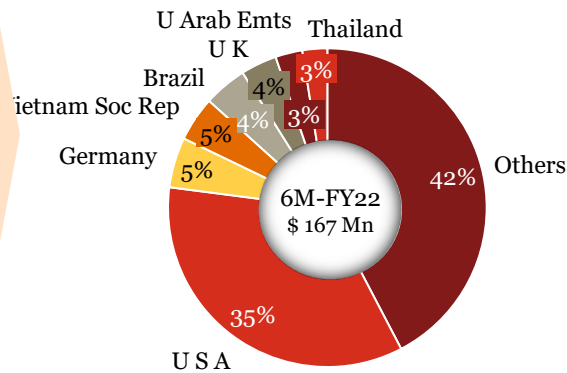
## Chapter 70, 72, 68, 83, 91 & 94

### Multiple Chapters

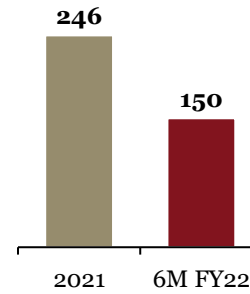
#### Exports (\$ Mn)



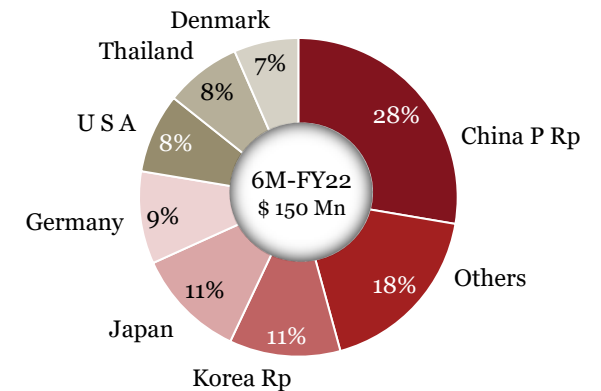
#### Exports-Top Countries (\$ Mn, %)



#### Imports (\$ Mn)



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



#### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
68138100	Brake linings and pads (Not containing Asbestos)	32	U S A	14
			Canada	1
			Egypt A Rp	1
70099200	Other : Framed	33	U S A	22
			U K	2
			France	1
83012000	Locks of a kind used for motor vehicles	35	U S A	9
			U K	3
			Thailand	3

#### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
94012000	Seats of a kind used for motor vehicles	28	China P Rp	9
			Thailand	7
			U K	3
68138900	Not containing asbestos - Other	17	Japan	9
			Denmark	4
			U S A	1
83023090	Other	18	Korea Rp	7
			China P Rp	3
			Germany	3

For 219 HS codes



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