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

*View: 3M-FY 24*

Prepared for ACMA

*Strictly private  
and confidential*

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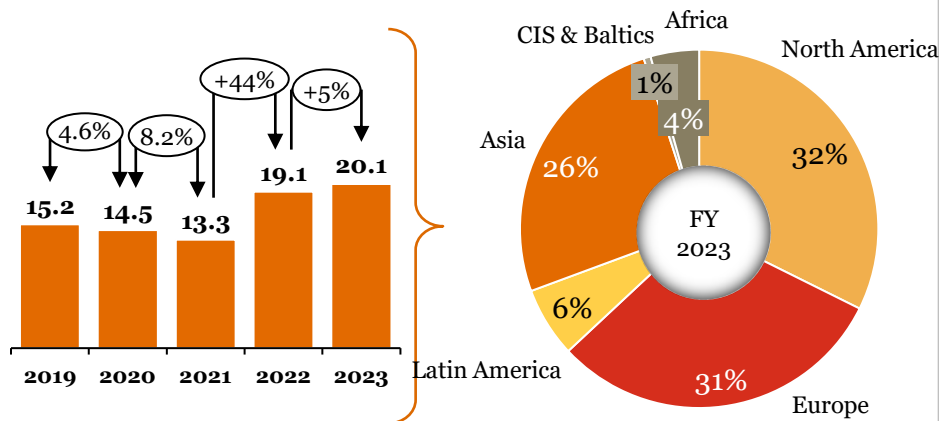
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From the contents listing on any section divider – click on the title of the sub-section

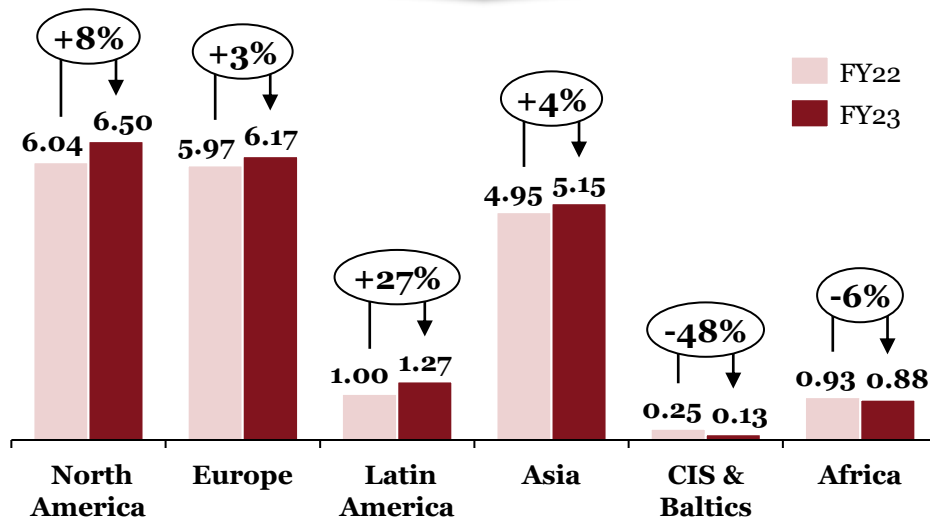
# *Executive Summary FY-23*

## Overview of “Exports” for the Indian auto component industry in FY 23

Total Exports \$ Bn

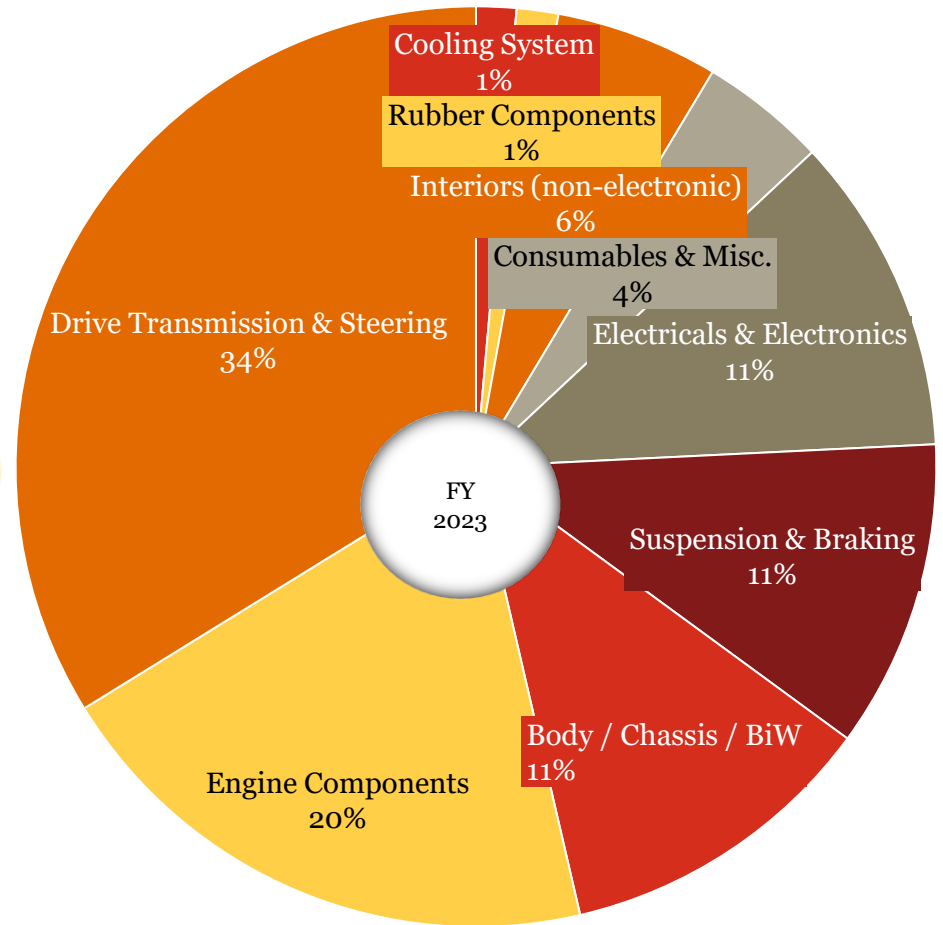
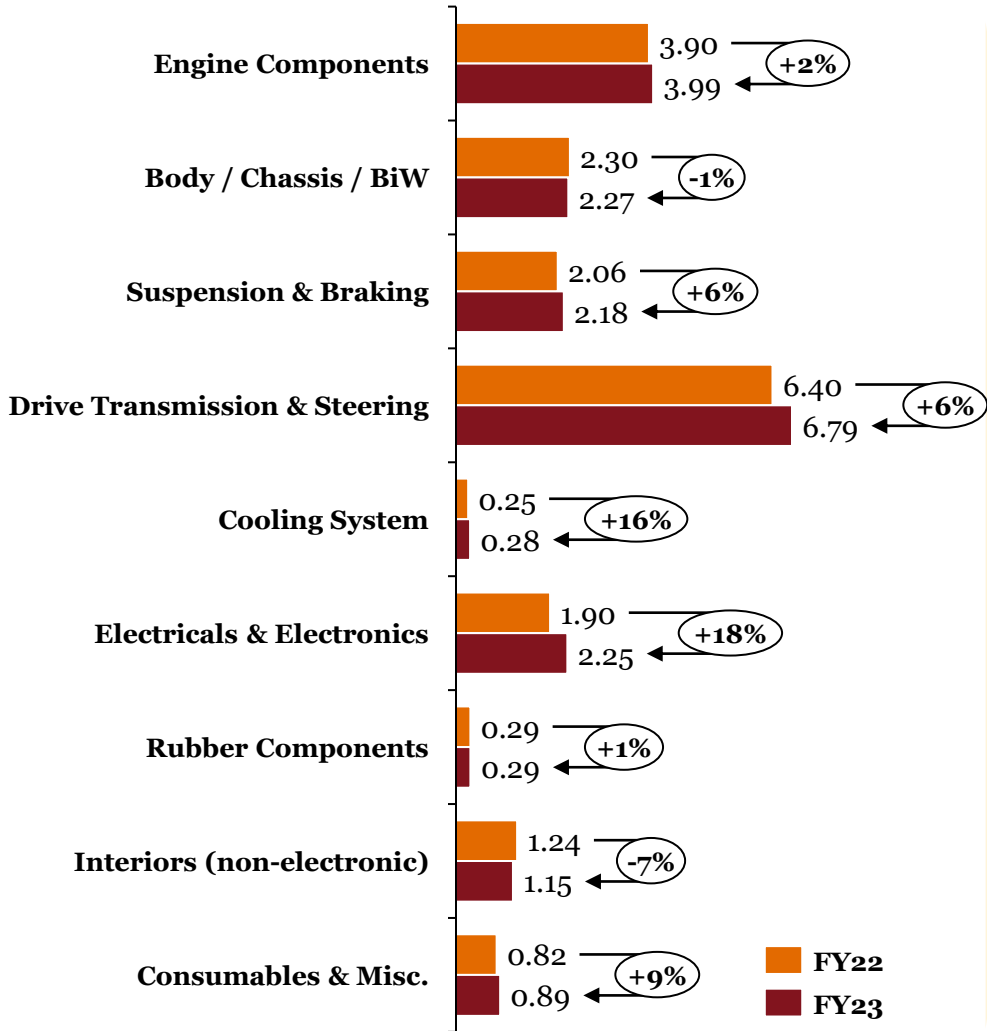


- India had a trade deficit of ~\$0.2B for auto components
- **Latin America** saw the biggest increase in exports (by value) due to closer economic relationships with key countries like Mexico, Brazil, and Argentina. India and the MERCOSUR group of Latin American countries made a deal to give tariff concessions ranging from 10% to 100% on 450 and 452 tariff lines respectively, and are in discussion to expand the number of goods included in the agreement
- ‘**Drive Transmission & Steering**’, alongside ‘**Engine**’, remain the 2 dominant segments, accounting for 54% of exports.



All periods mentioned are FY  
\*For 219 HS codes

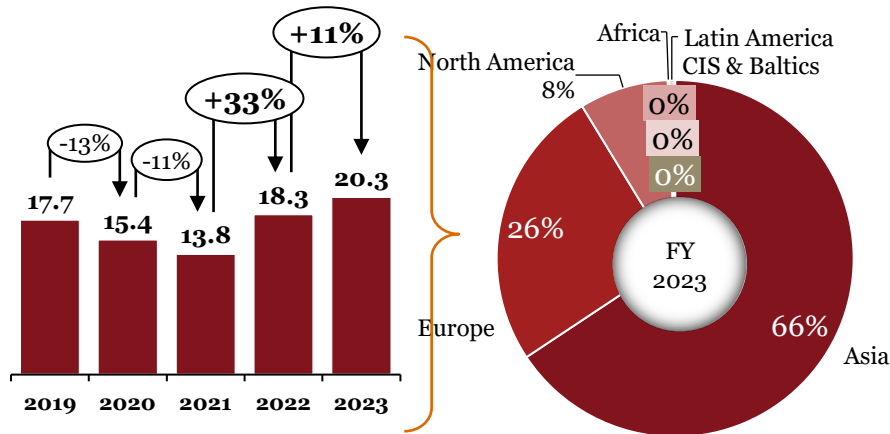
## Segmentation by product type: Exports (FY-o-FY)



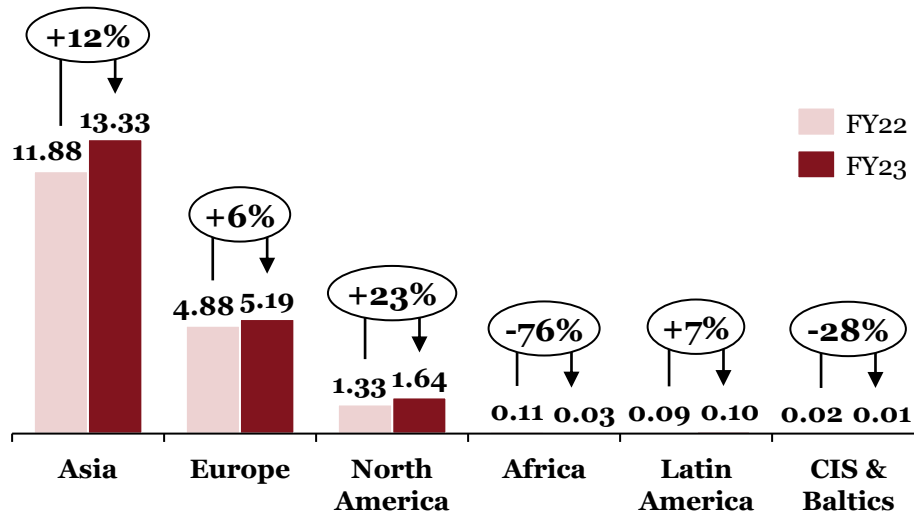
All periods mentioned are FY  
\*For 218 HS codes

## Overview of “Imports” for the Indian auto component industry in FY 23

Total Imports \$ Bn

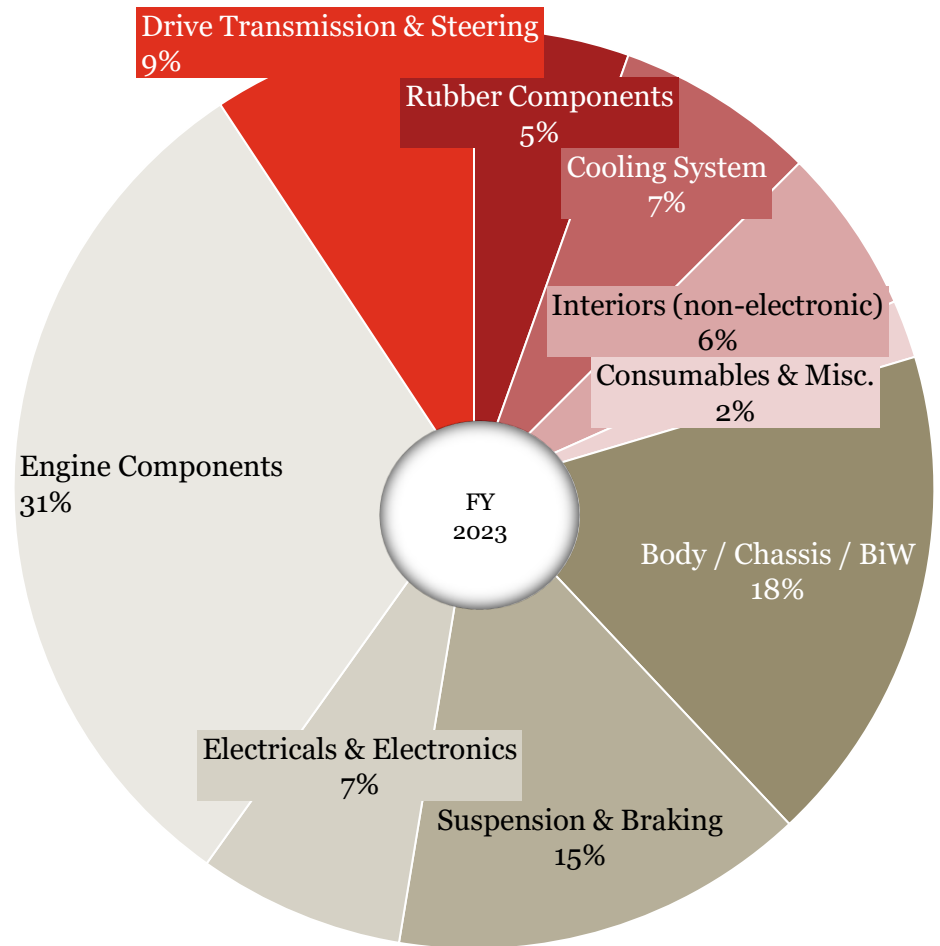
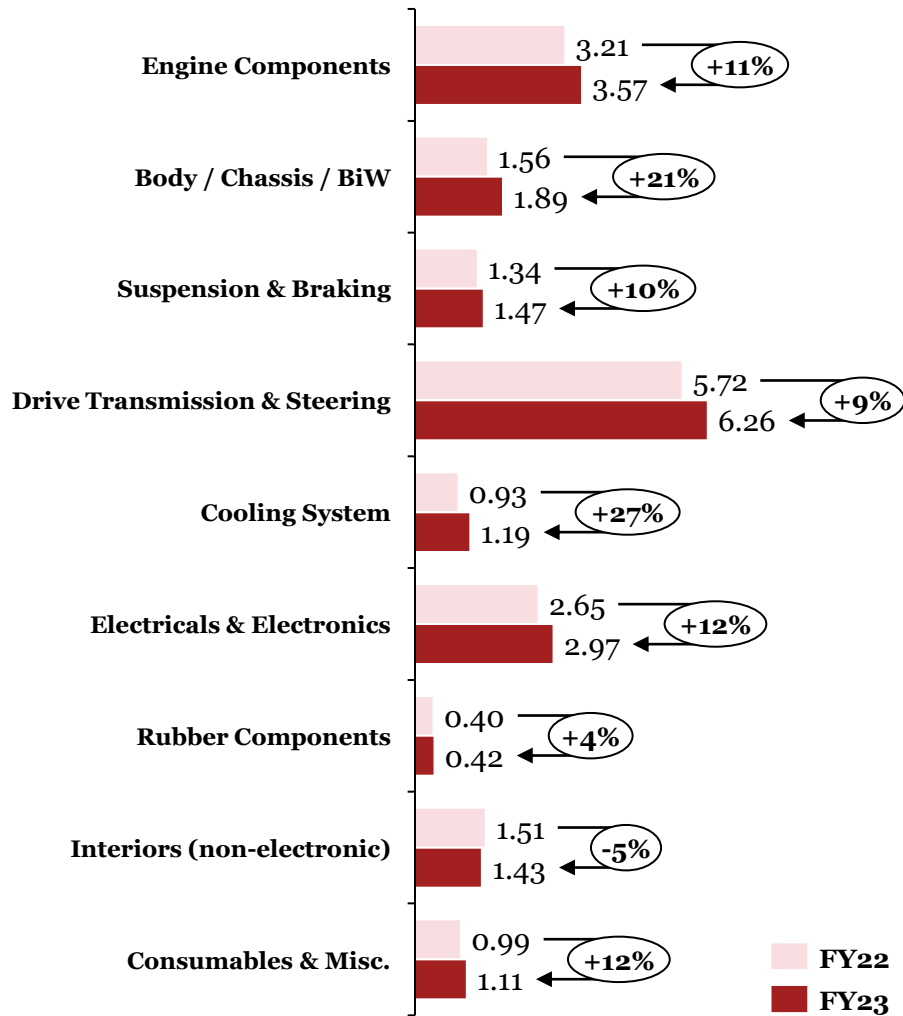


- FY23 saw a ~ **11% increase** in auto components imports into India owing to the uptick in the OEM’s domestic market demand caused by moderation in the supply-side issues, such as the availability of semiconductors, high input raw-material costs, and non-availability of containers
- **China** remains the biggest importer of components (~30% of imports) while **Germany** has moved up a position to become the 2<sup>nd</sup> largest parts importer (11% of imports)
- ‘**Body/Chassis**’ & ‘**Steering**’, alongside ‘**Engine**’, remain the 2 dominant segments, accounting for **49%** of imports
- Imports from Africa **plummeted by 76%** due to the low development level of African economies



All periods mentioned are FY  
\*For 218 HS codes

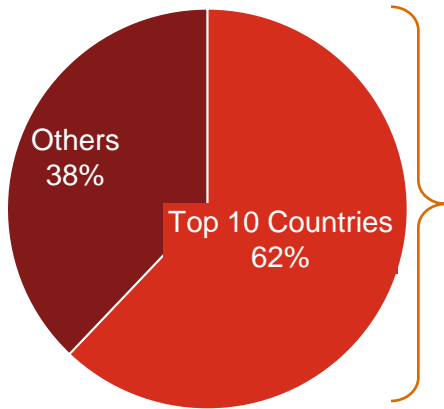
## Segmentation by product type: Imports (FY-o-FY)



All periods mentioned are FY  
\*For 218 HS codes

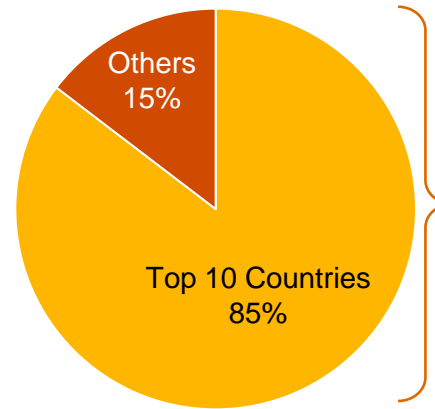
## Key highlights of “Exports” & “Imports” in FY 23

Exports - Top Countries (\$ Mn), 2023\*

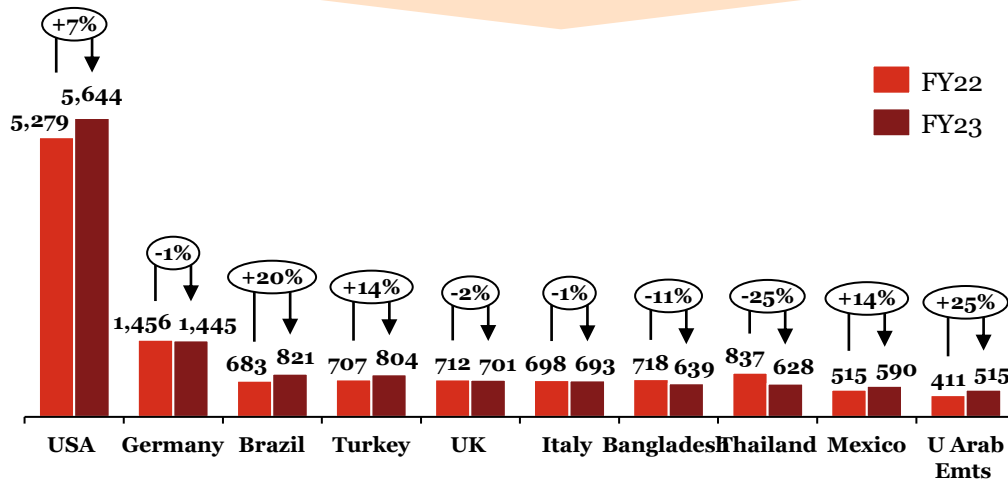


Top 10 Countries	Share of Ex-FY22	Share of Ex-FY23
U S A	28%	28%
Germany	8%	7%
Brazil	4%	4%
Turkey	4%	4%
U K	4%	3%
Italy	4%	3%
Bangladesh Pr	4%	3%
Thailand	4%	3%
Mexico	3%	3%
U Arab Emts	2%	3%

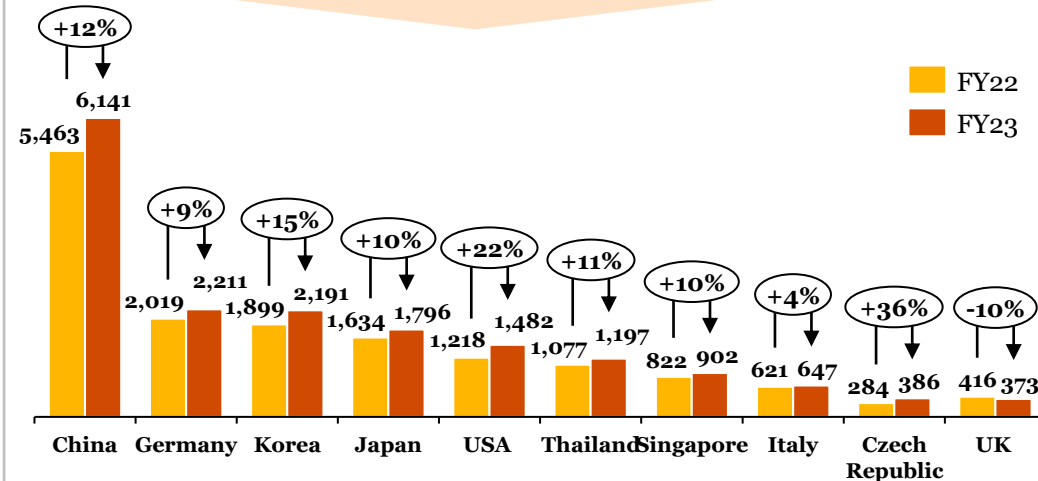
Imports - Top Countries (\$ Mn), 2023\*



Top 10 Countries	Share of Im-FY22	Share of Im-FY23
China P Rp	30%	30%
Germany	11%	11%
Korea Rp	10%	11%
Japan	9%	9%
U S A	7%	7%
Thailand	6%	6%
Singapore	4%	4%
Italy	3%	3%
Czech Republic	2%	2%
U K	2%	2%



\*For 219 HS codes

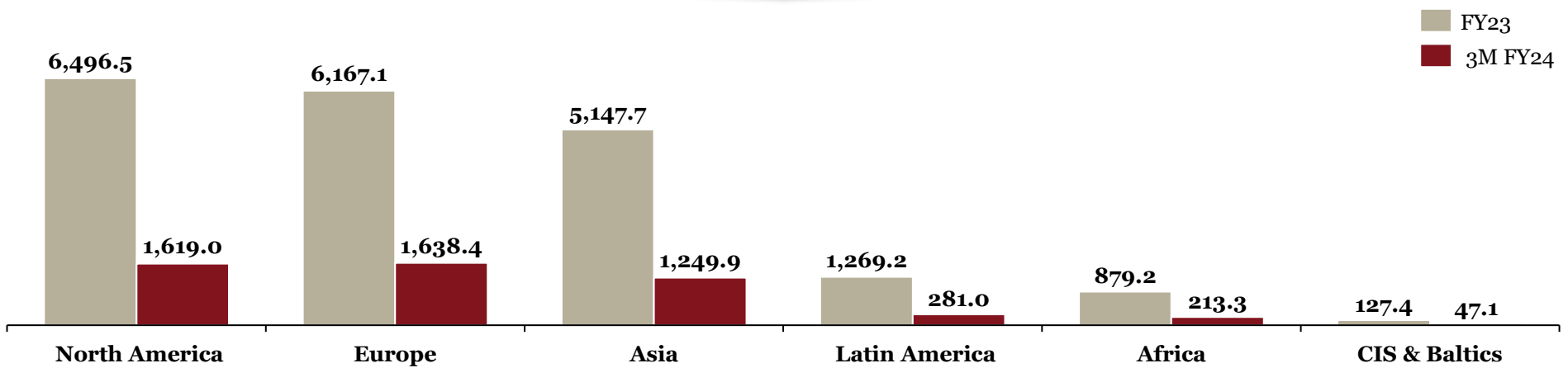
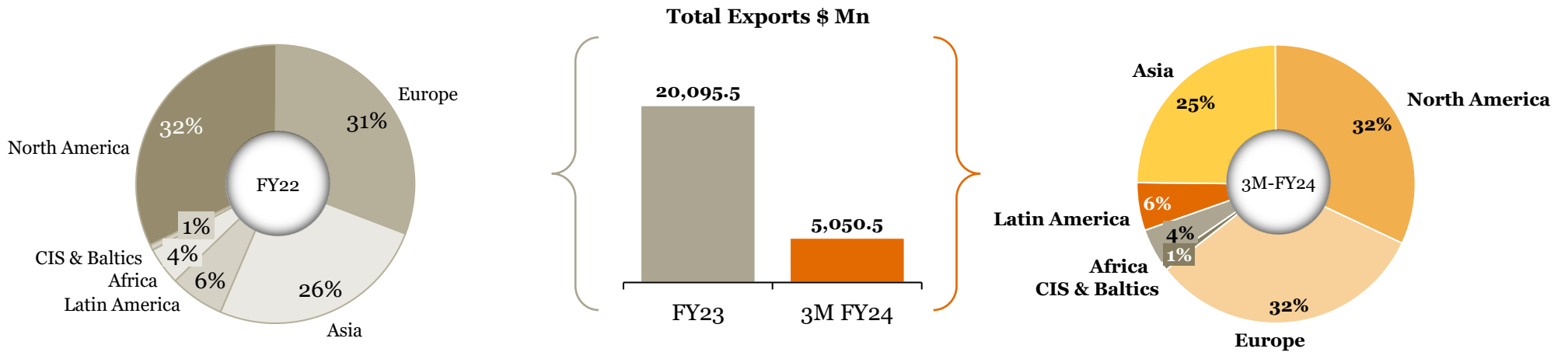


\*For 218 HS codes



# *Executive Summary 3M FY-24*

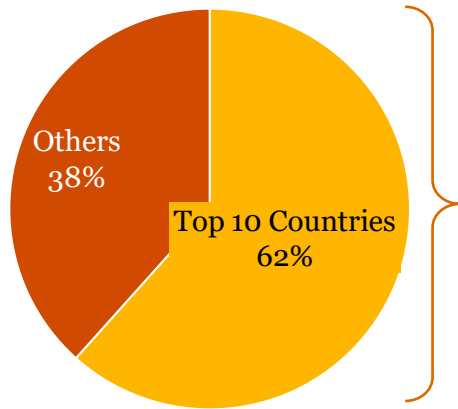
# Overview of “Exports” for Indian auto component industry in 3M-FY 24



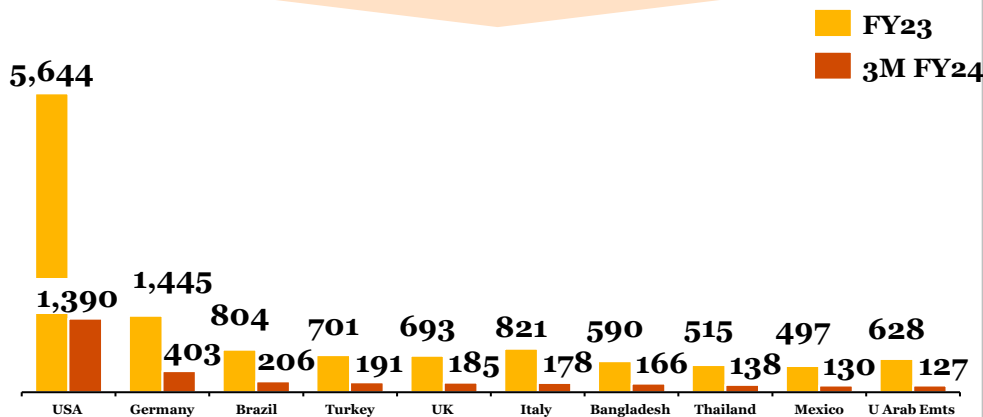
For 217 HS codes

## Key highlights of “Exports” in 3M-FY 24

**Top Countries (\$ Mn), 3M-FY 24**



Top 10 Countries	Share of Ex-3M-FY24
U S A	28%
Germany	8%
Turkey	4%
U K	4%
Italy	4%
Brazil	4%
Mexico	3%
U Arab Emts	3%
Japan	3%
Thailand	3%

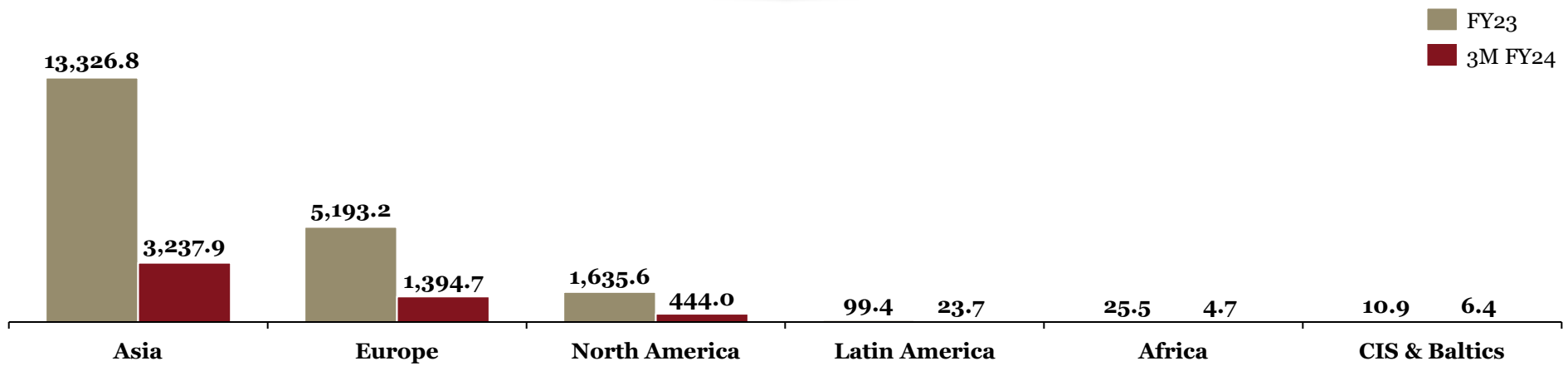
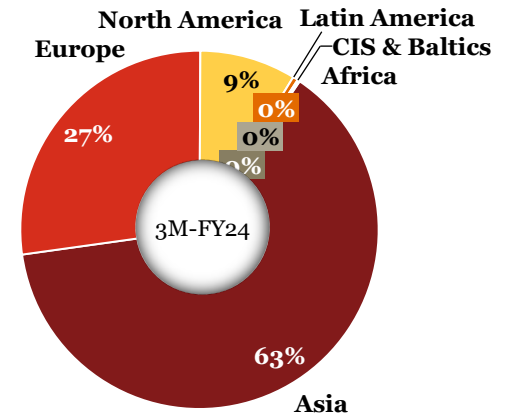
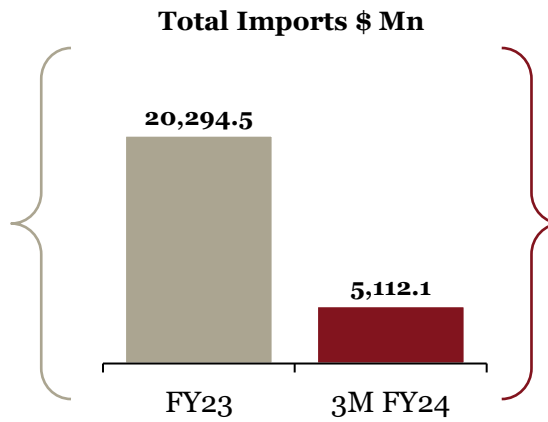
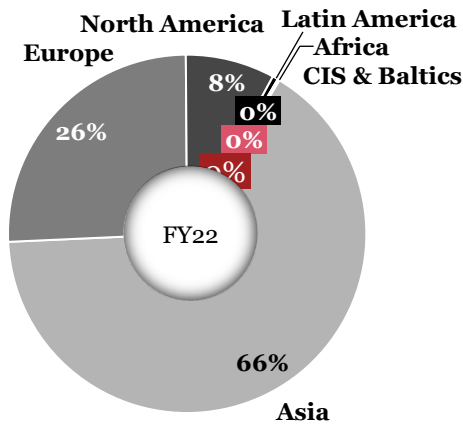


**Top HS codes (\$ Mn), 3M-FY 24**

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	217	
MEXICO	63.2	
GERMANY	56.53	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
<b>84834000</b>		
U S A	106.79	
GERMANY	24.32	IT
ITALY	13.58	
<b>85030090</b>		Other
U S A	71.25	
GERMANY	43.41	
FINLAND	22.5	Brakes and servo-brakes; parts thereof
<b>87083000</b>		
U S A	88	
GERMANY	13	All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked
U K	11	
<b>73269099</b>		
U S A	71	Drive-axes with differential, whether or not provided with other transmission components, non-driving axles; parts thereof
GERMANY	11.54	
THAILAND	11.49	
<b>87085000</b>		Gear boxes and parts thereof
U S A	72	
ITALY	11.93	
MEXICO	10.22	
<b>87084000</b>		
U S A	32	
JAPAN	31.8	
SPAIN	19.08	

For 217 HS codes

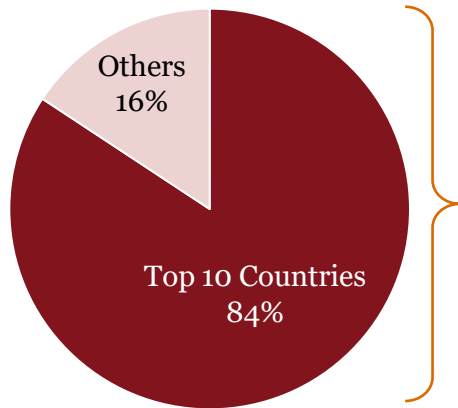
# Overview of “Imports” for Indian auto component industry in 3M-FY 24



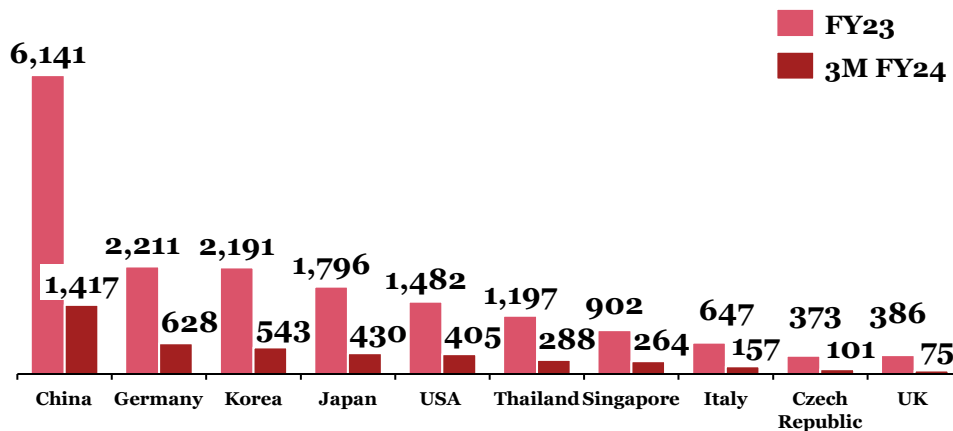
For 211 HS codes

## Key highlights of “Imports” in 3M-FY 24

**Top Countries (\$ Mn), 3M-FY 24**



Top 10 Countries	Share of Im-5M FY23
China	29%
S. Korea	13%
Germany	10%
Japan	8%
U S A	7%
Singapore	5%
Thailand	5%
Italy	4%
U K	3%
France	1%

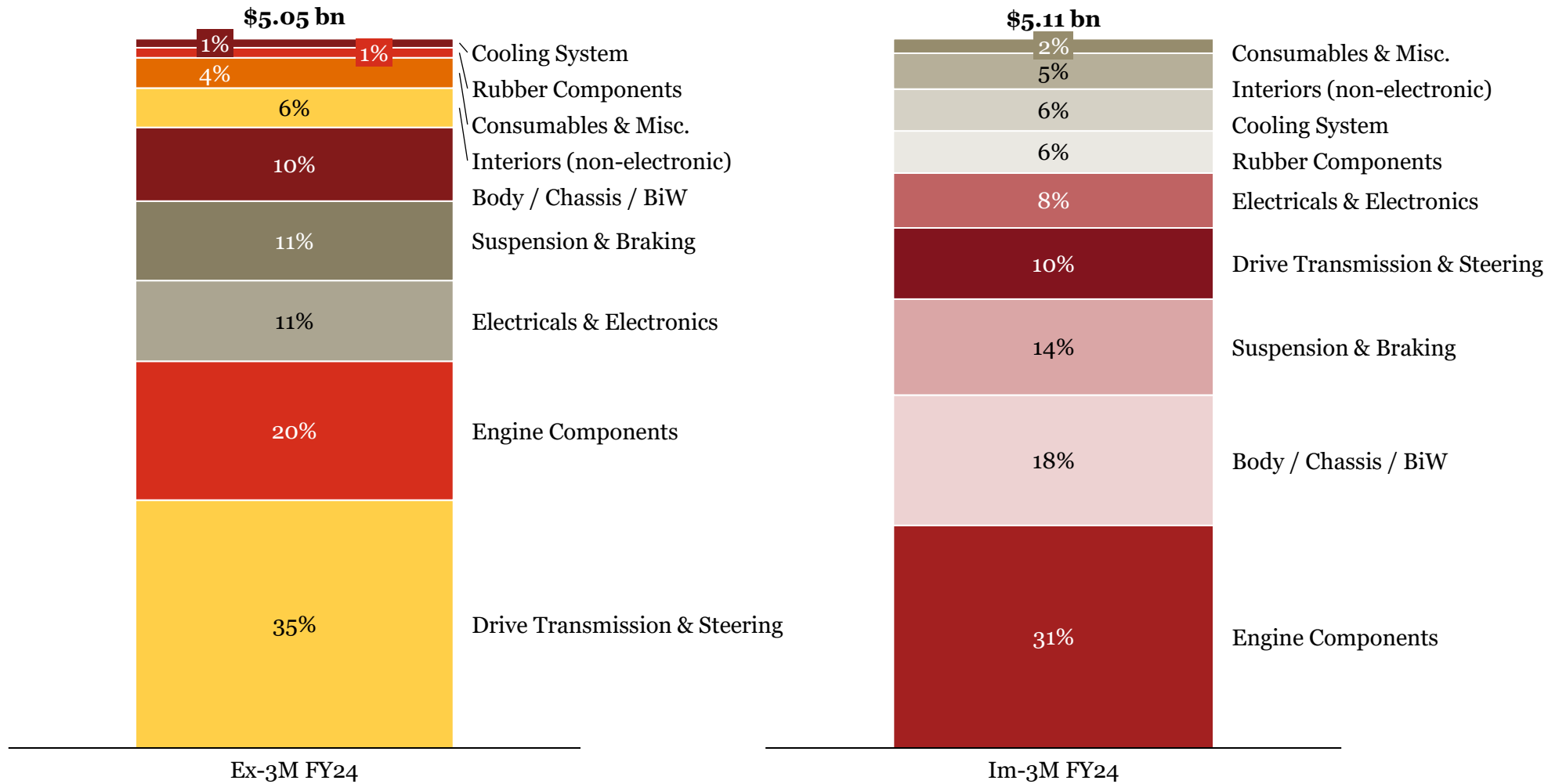


**Top HS codes (\$ Mn), 3M-FY 24**

HS codes	Value \$ Mn	Description
87089900		Other: Motor vehicle parts (Reservoir for Hydraulic Power Steering Systems+Steering Gear Systems and Parts)
CHINA P RP	136.40	
GERMANY	84.78	
KOREA RP	82.68	
87084000		Gear boxes and parts thereof
KOREA RP	97.69	
JAPAN	83.69	
CHINA P RP	36.21	
84148011		Of a kind used in air-conditioning equipment
CHINA P RP	79.43	
THAILAND	15.37	
KOREA RP	6.05	
87082900		Other parts and accessories of bodies (including cabs) :Other
KOREA RP	40.86	
CHINA P RP	32.72	
GERMANY	26.03	
84314990		Other : Wheels and Components for Construction and Earthmoving Equipments
CHINA P RP	74.67	
KOREA RP	14.35	
SINGAPORE	7.25	
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
CHINA P RP	53.30	
GERMANY	24.25	
ITALY	9.73	
73269099		All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked
CHINA P RP	47.96	
ITALY	21.95	
U S A	16.12	

For 211 HS codes

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

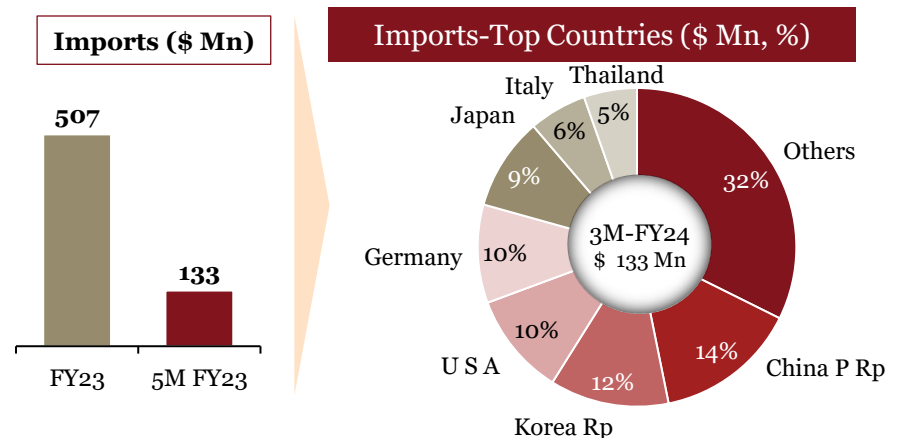
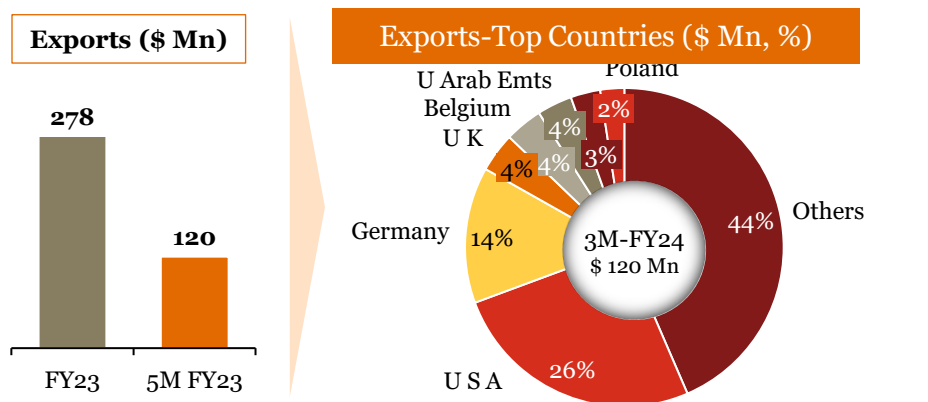


# *Chapter wise detailed analysis*

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## Chapter 40

### Rubber and articles



#### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
40169990	Others : Arcticles of Vulcanized Rubber other than hard rubber	48	Germany	11
			U S A	9
			U K	2
40093100	Tubes, Pipes and hoses of vulcnised rubber other than hard rubber: Without fitting	19	U S A	8
			Germany	2
			South Africa	1
40092100	Reinforced or otherwise combined only with metal: without fittings	17	U S A	5
			Belgium	2
			Germany	1

#### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
40169990	Others : Arcticles of Vulcanized Rubber other than hard rubber	44	Korea Rp	7
			China P Rp	6
			U S A	5
			Japan	4
40169330	Rubber seals (Oil seals and the like)	21	Korea Rp	3
			China P Rp	3
			France	2
40169320	Rubber rings (O-ring)	16	Germany	2
			Italy	2

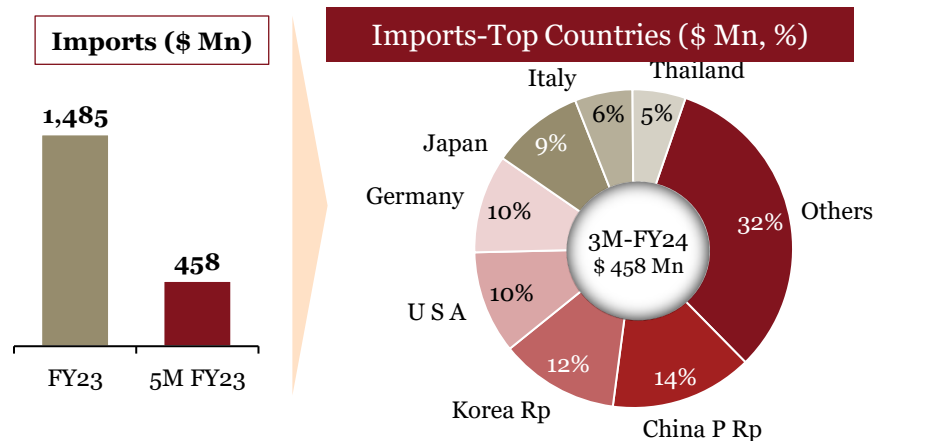
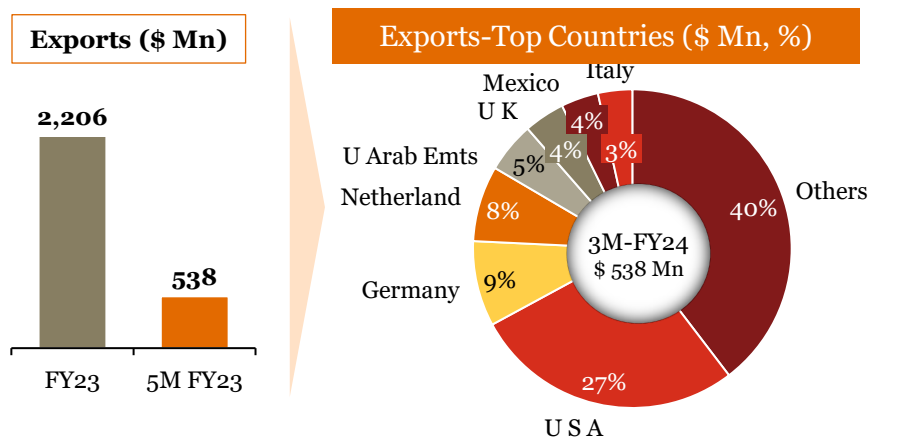
For 217 HS codes

For 211 HS codes



## Chapter 73

### Articles of iron or steel



**Top 3 Export Items**

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
73269099	All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked	193	USA	71
			Germany	12
			Thailand	11
73181500	Threaded articles : Other screws and bolts, whether or not with their nuts or washers	105	Netherland	18
			USA	13
			Germany	12
73072100	Other, of stainless steel : Flanges	66	USA	14
			Netherland	10
			Germany	7

**Top 3 Import Items**

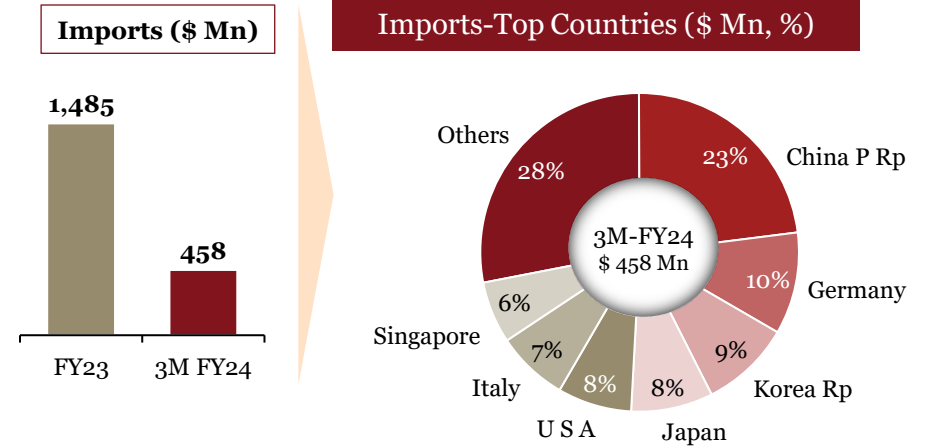
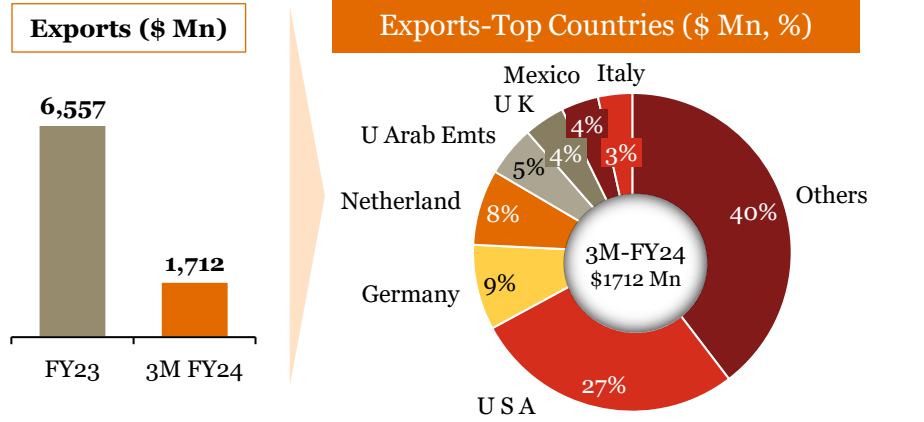
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
73269099	All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked	194	China P Rp	48
			Italy	22
			U S A	16
73181500	Threaded articles : Other screws and bolts, whether or not with their nuts or washers	116	China P Rp	24
			Japan	15
			Korea Rp	14
73182990	Other	27	France	7
			China P Rp	4
			Germany	3

For 217 HS codes

For 211 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)
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	208	U S A	107
			Germany	24
			Italy	14
84139190	Others (Parts of Steering Pump Assembly)	116	U S A	56
			Germany	9
			Saudi Arab	5
84314990	Other : Wheels and Components for Construction and Earthmoving Equipments	104	U S A	48
			U K	6
			Italy	5

### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
84314990	Other : Wheels and Components for Construction and Earthmoving Equipments	140	China P Rp	75
			Korea Rp	14
			Singapore	7
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	128	China P Rp	53
			Germany	24
			Italy	10
84099990	Other parts of diesel engine: Other	120	Germany	26
			China P Rp	22
			Korea Rp	14

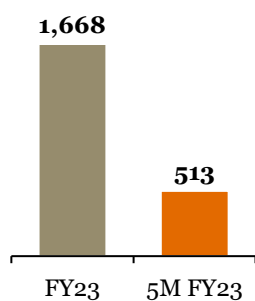
For 217 HS codes

For 211 HS codes

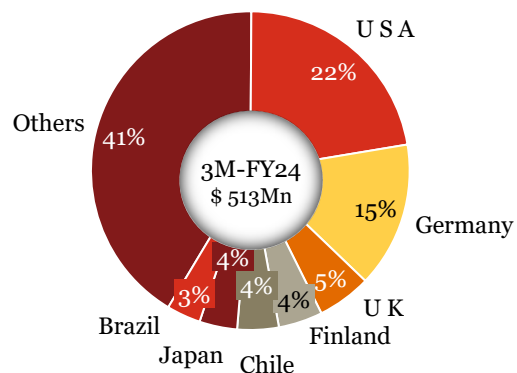
## Chapter 85

### Electrical machinery and equipment and parts thereof

#### Exports (\$ Mn)



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

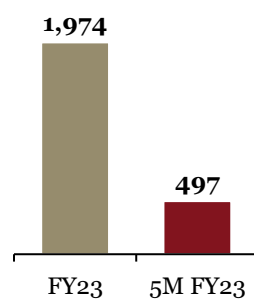


#### Top 3 Export Items

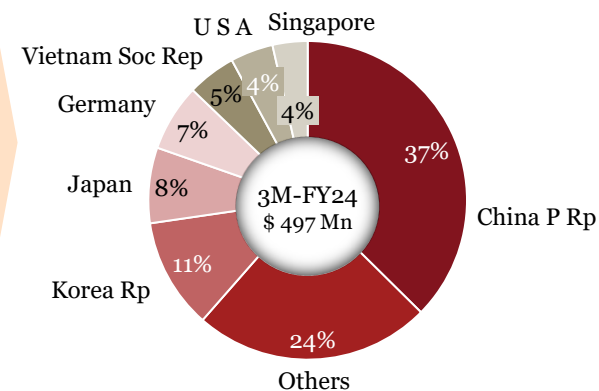
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
85030090	Other	233	U S A	71
			Germany	43
			Finland	23
85443000	Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships	74	U S A	10
			U K	13
			Japan	9
85114000	Starter motors and dual purpose starter-generators	42	U S A	9
			U K	4
			Germany	7

For 217 HS codes

#### Imports (\$ Mn)



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



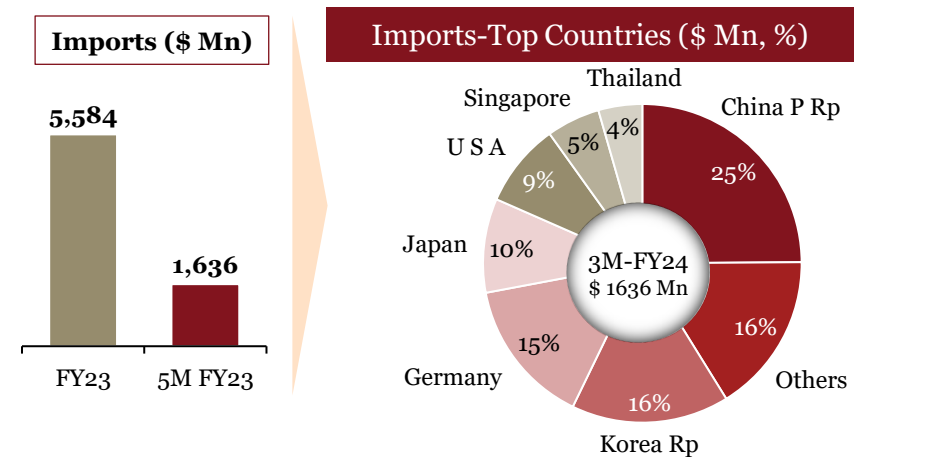
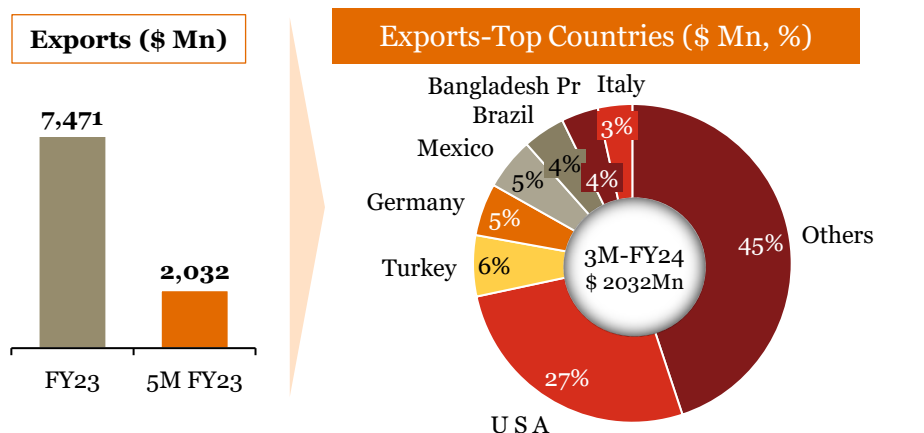
#### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
85030090	Other	101	China P Rp	64
			Germany	6
			Slovenia	6
			U S A	6
85013119	DC motors :Other	56	China P Rp	28
			Japan	5
			Korea Rp	3
85011019	DC motor :Other	48	China P Rp	18
			Korea Rp	6
			Hong Kong	4
			U S A	4

For 211 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)
87089900	Other: Motor vehicle parts (Reservoir for Hydraulic Power Steering Systems+Steering Gear Systems and Parts)	817	U S A	217
			Mexico	63
			Germany	57
87083000	Brakes and servo-brakes; parts thereof	192	U S A	88
			Germany	13
			U K	11
87085000	Drive-axles with differential, whether or not provided with other transmission components, non-driving axles; parts thereof	175	U S A	72
			Italy	12
			Mexico	10

**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)	527	China P Rp	136
			Germany	85
			Korea Rp	83
87084000	Gear boxes and parts thereof	343	Korea Rp	98
			Japan	84
			China P Rp	36
87082900	Other parts and accessories of bodies (including cabs) :Other	157	Korea Rp	41
			China P Rp	33
			Germany	26

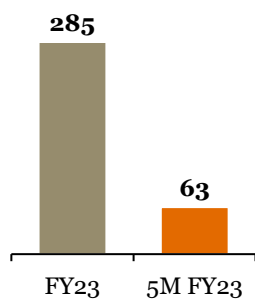
For 217 HS codes

For 211 HS codes

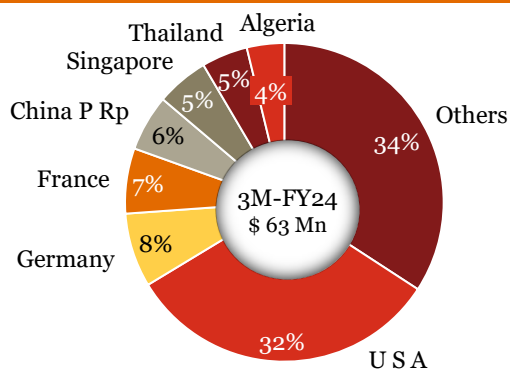
## Chapter 90

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

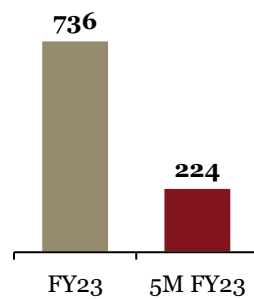
#### Exports (\$ Mn)



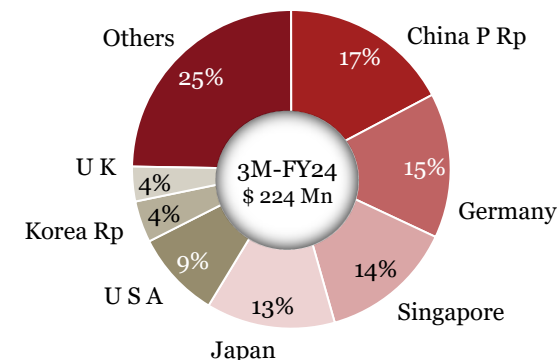
#### Exports-Top Countries (\$ Mn, %)



#### Imports (\$ Mn)



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



#### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
90328990	Other	46	U S A	15
			China P Rp	3
			Germany	3.00
			U S A	5
90319000	Other optical instruments and appliances :Parts and accessories ( Measuring & Checking Insturments -Sensors)	16	France	2
			Germany	2
			U S A	5
90292020	Speedometers, non-electrical	1	Italy	0.09
			Germany	0.09
			Netherland	0.07

For 217 HS codes

#### Top 3 Import Items

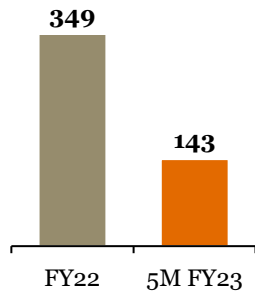
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
90328990	Other	148	Singapore	29
			China P Rp	26
			Germany	23
90319000	Other optical instruments and appliances :Parts and accessories ( Measuring & Checking Insturments - Sensors)	70	Japan	17
			China P Rp	12
			Germany	10
90291090	Other	3	Hong Kong	1
			Germany	0.42
			Italy	0.38

For 211 HS codes

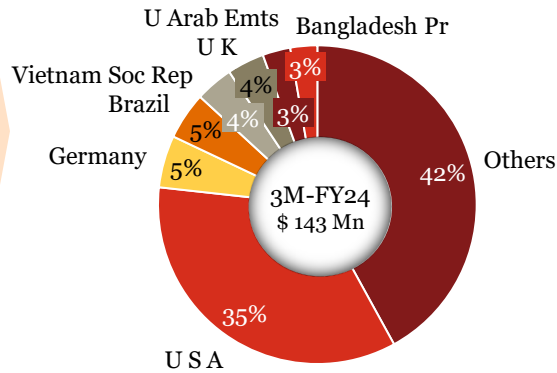
## Chapter 70,72,68,83,91 & 94

### Multiple Chapters

#### Exports (\$ Mn)



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

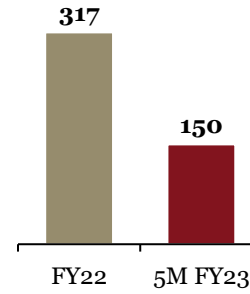


#### Top 3 Export Items

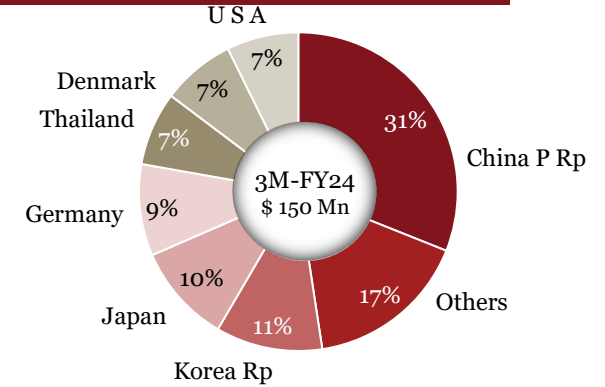
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
70099200	Other : Framed	13	USA	9
			UK	1
			France	1
68138100	Brake linings and pads (Not containing Asbestos)	17	USA	6
			Saudi Arab	1
			Canada	1
83012000	Locks of a kind used for motor vehicles	15	USA	4
			Thailand	1
			Germany	1

For 217 HS codes

#### Imports (\$ Mn)



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



#### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
94012000	Seats of a kind used for motor vehicles	20	USA	6
			Germany	4
			Singapore	3
83023090	Other	11	Korea Rp	5
			China P Rp	1
			USA	1
72125090	Other	9	Denmark	3
			Japan	3
			China P Rp	1

For 211 HS codes



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