

www.pwc.com

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

*View: 9M-FY 23*

Prepared for ACMA

*Strictly private  
and confidential*

*February 2023*



**pwc**

# Contents

<b>Executive Summary FY-22</b>	<b>3</b>
<b>Executive Summary 9M:FY-23</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

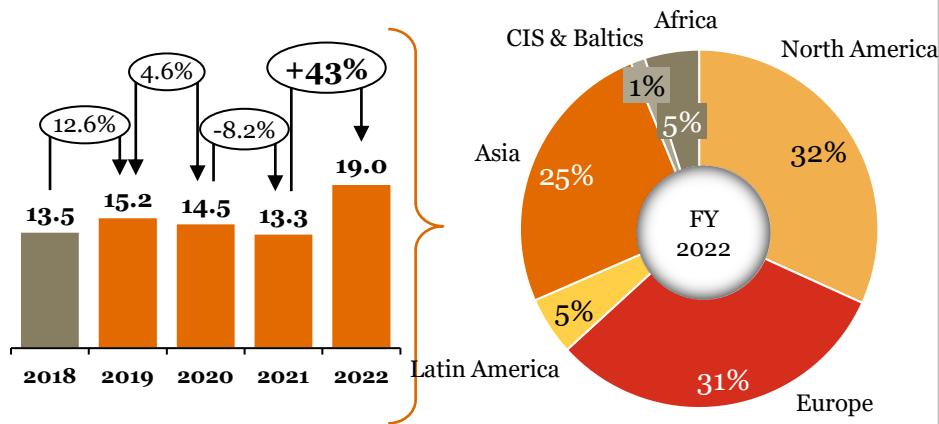
From this Contents page – click on the title of the section or sub-section

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

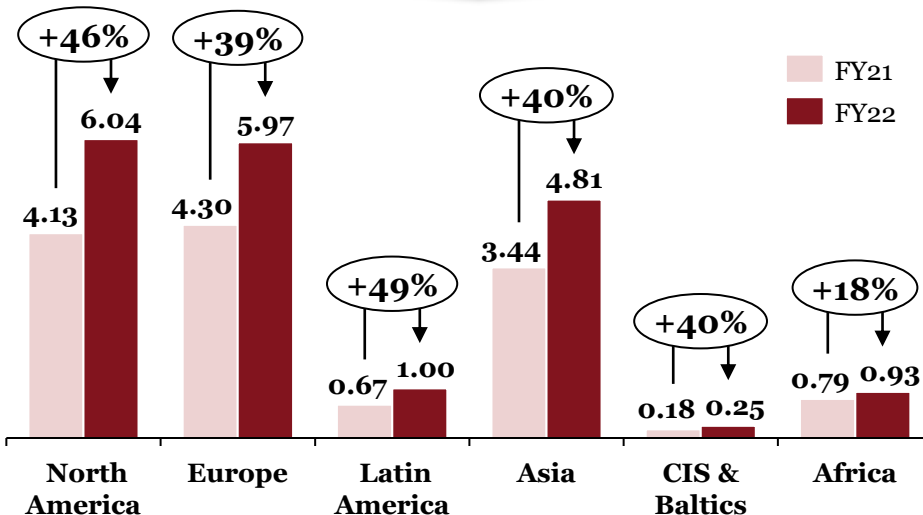
# *Executive Summary FY-22*

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

Total Exports \$ Bn

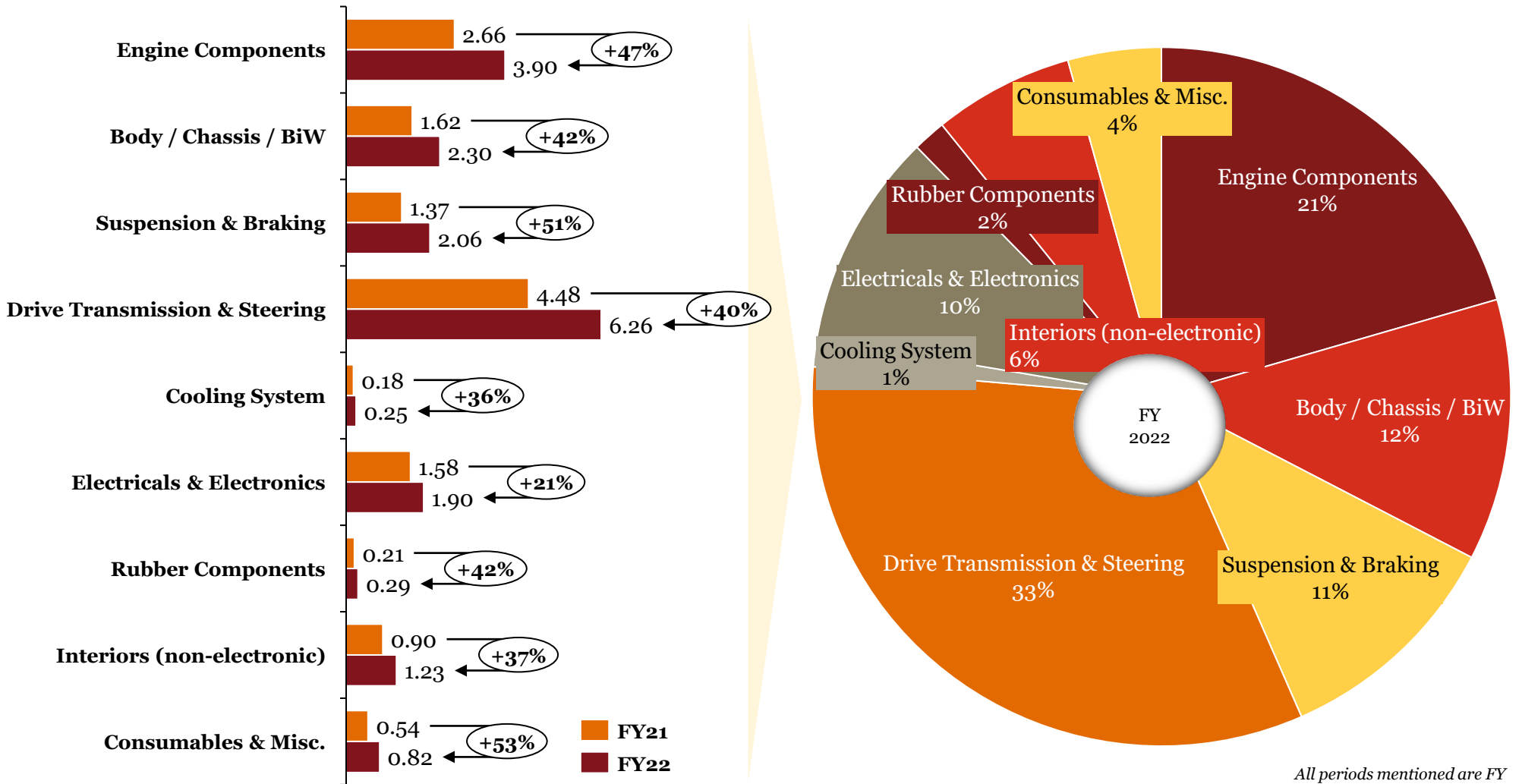


- India had a trade surplus of ~\$0.7B for auto components. Exports grew strongly in FY22 due to sharp recoveries in developed economies.
- **North America** saw the biggest increase in exports (by value) due to demand increase resulting from strong cash incentives; Europe and Asia recorded handsome exports growth (by value) too.
- **‘Drive Transmission & Steering’**, alongside **‘Engine’**, remain the 2 dominant segments, accounting for 54% of exports. All segments recorded exports growth despite supply challenges in H1 FY22.



All periods mentioned are FY  
\*For 217 HS codes

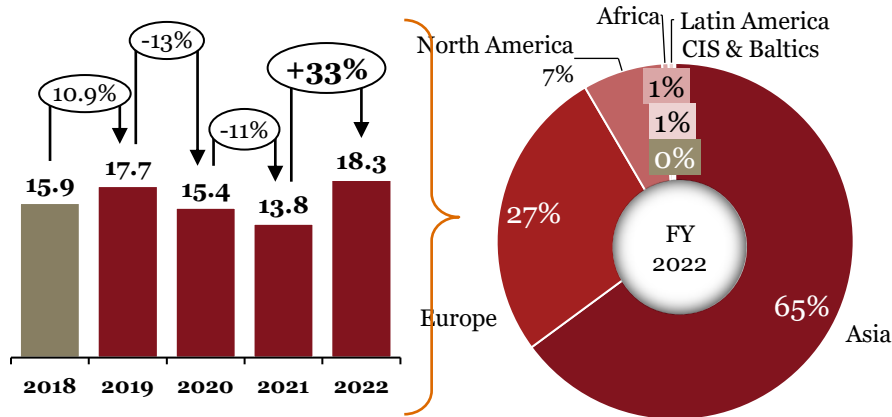
## Segmentation by product type: Exports (FY-o-FY)



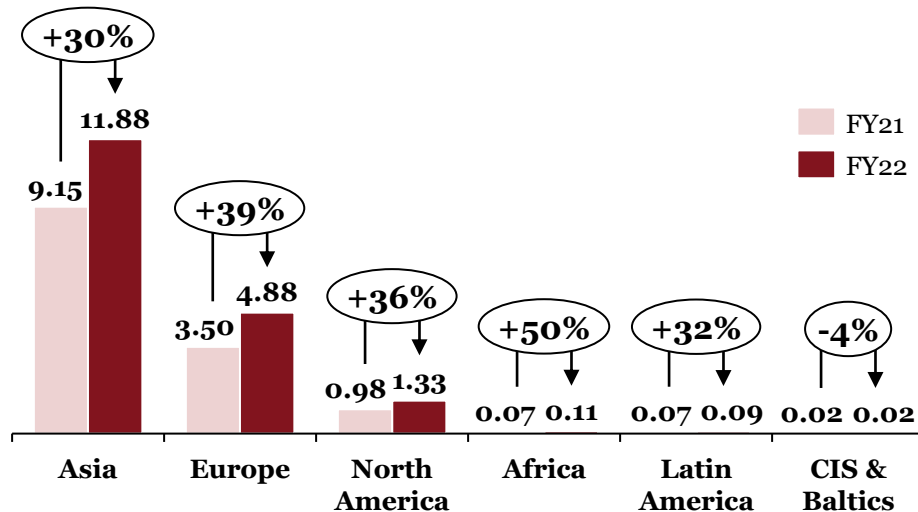
All periods mentioned are FY  
\*For 217 HS codes

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

Total Imports \$ Bn

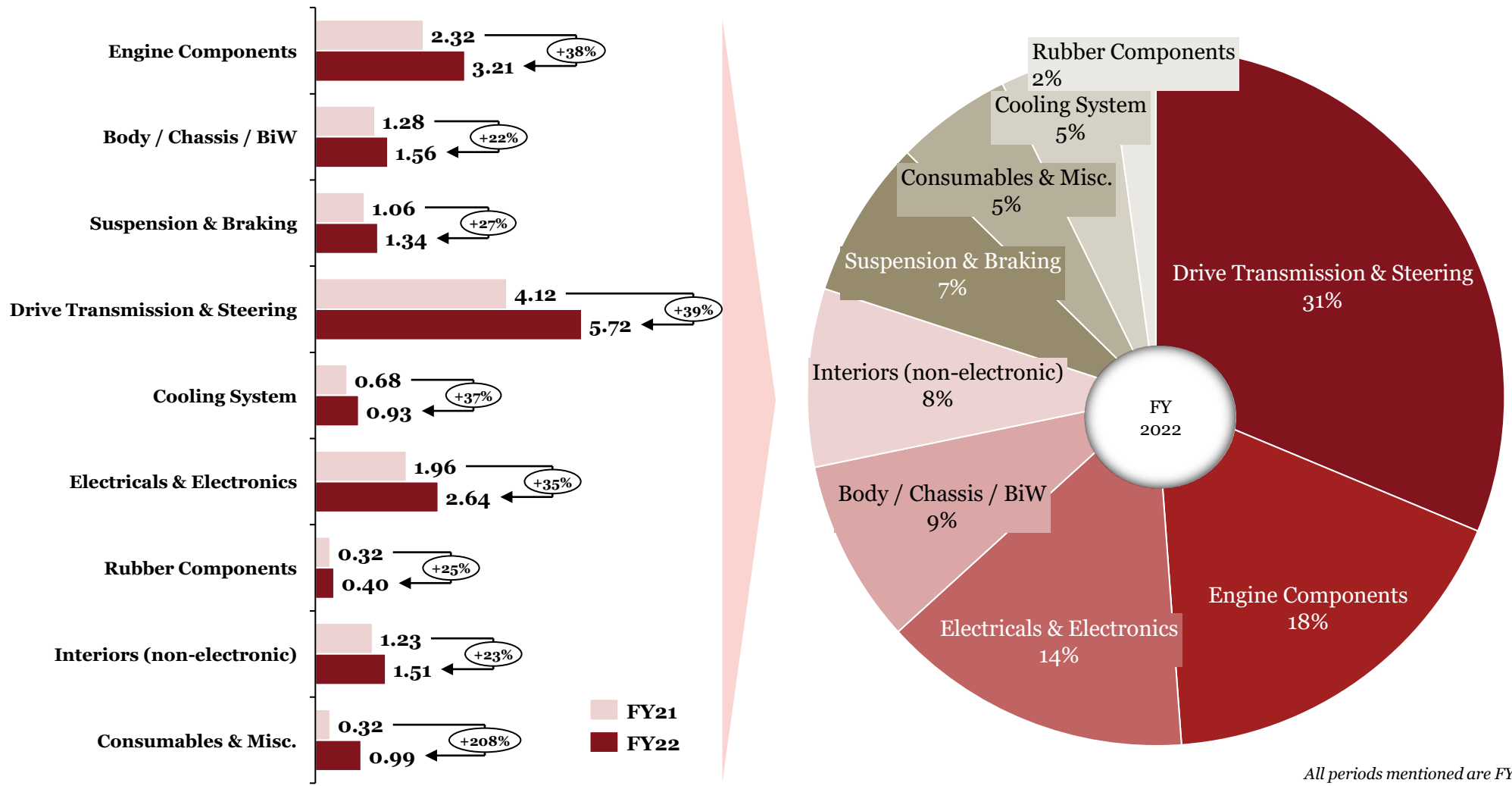


- FY22 saw a ~ **33% increase** in auto components imports into India owing to localised lockdowns, labour unavailability, industrial power cuts & shipping challenges predominantly in H1 FY22.
- **China** remains the biggest importer of components (~30% of imports) while **Germany** has moved up a position to become the 2<sup>nd</sup> largest parts importer (11% of imports).
- ‘**Drive Transmission & Steering**’, alongside ‘**Engine**’, remain the 2 dominant segments, accounting for **49%** of imports.
- Imports from Germany **grew 48%** over the previous year due to competitiveness of German parts, caused by high govt. incentives.



All periods mentioned are FY  
\*For 217 HS codes

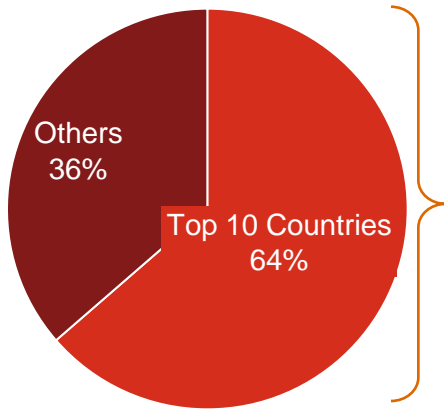
## Segmentation by product type: Imports (FY-o-FY)



All periods mentioned are FY  
\*For 217 HS codes

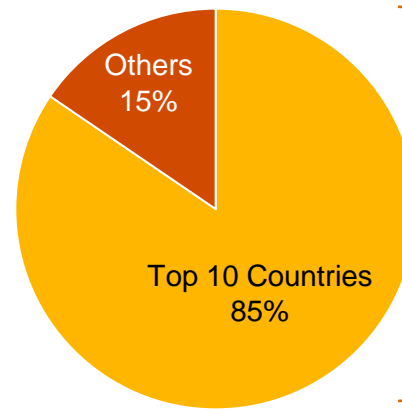
## Key highlights of “Exports” & “Imports” in FY 22

Exports - Top Countries (\$ Mn), 2022\*

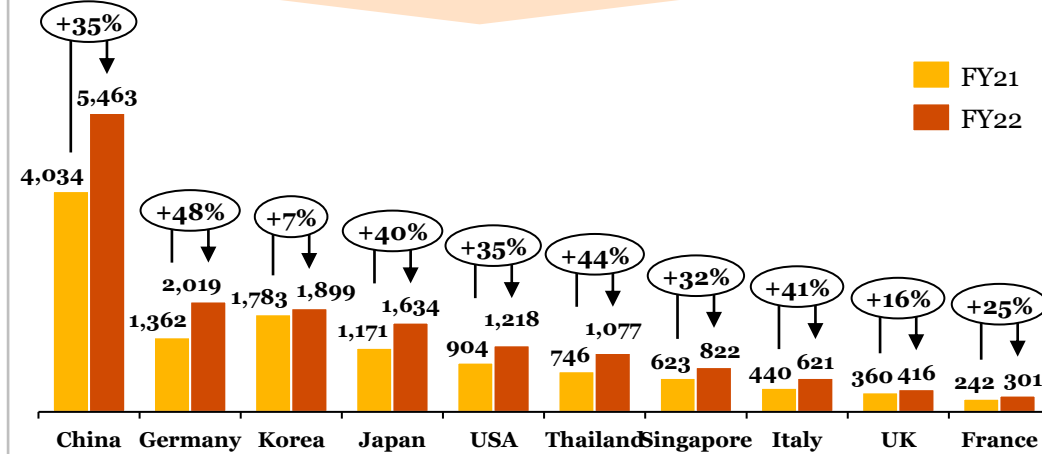
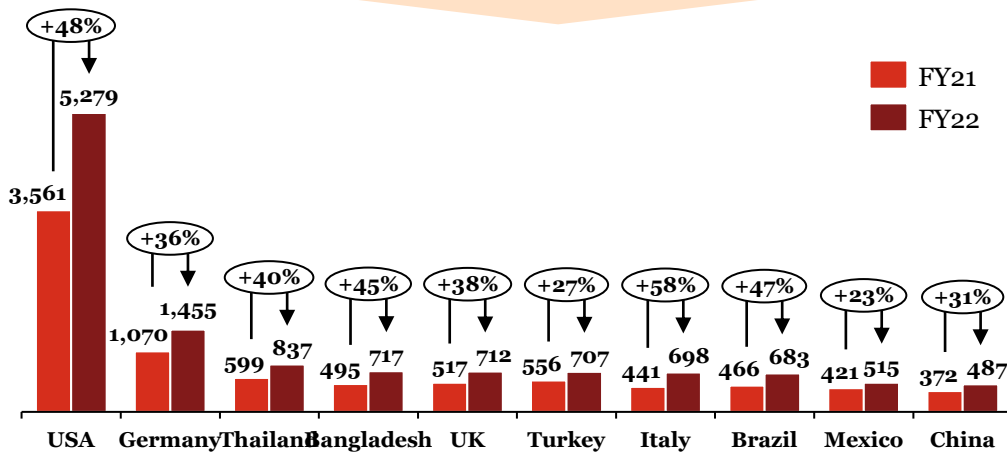


Top 10 Countries	Share of Ex-FY21	Share of Ex-FY22
U S A	26%	28%
GERMANY	8%	8%
THAILAND	4%	4%
BANGLADESH	4%	4%
U K	4%	4%
TURKEY	4%	4%
ITALY	3%	4%
BRAZIL	3%	4%
MEXICO	3%	3%
CHINA P RP	3%	3%

Imports - Top Countries (\$ Mn), 2022\*



Top 10 Countries	Share of Im-FY21	Share of Im-FY22
CHINA P RP	29%	30%
GERMANY	10%	11%
KOREA RP	13%	10%
JAPAN	8%	9%
U S A	7%	7%
THAILAND	5%	6%
SINGAPORE	5%	4%
ITALY	3%	3%
U K	3%	2%
FRANCE	2%	2%

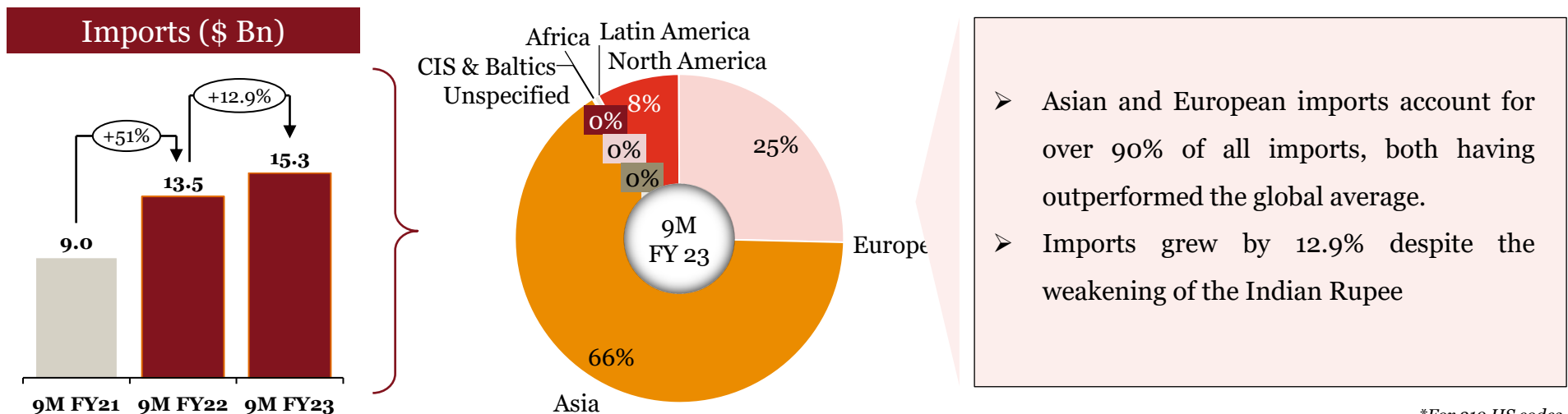
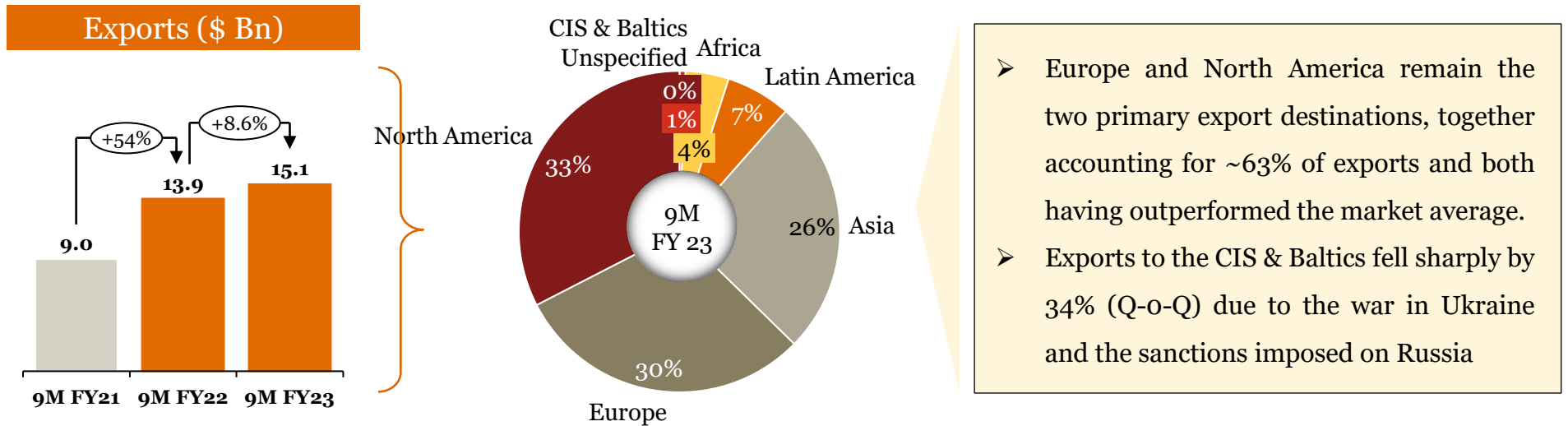


All periods mentioned are FY \*For 217 HS codes



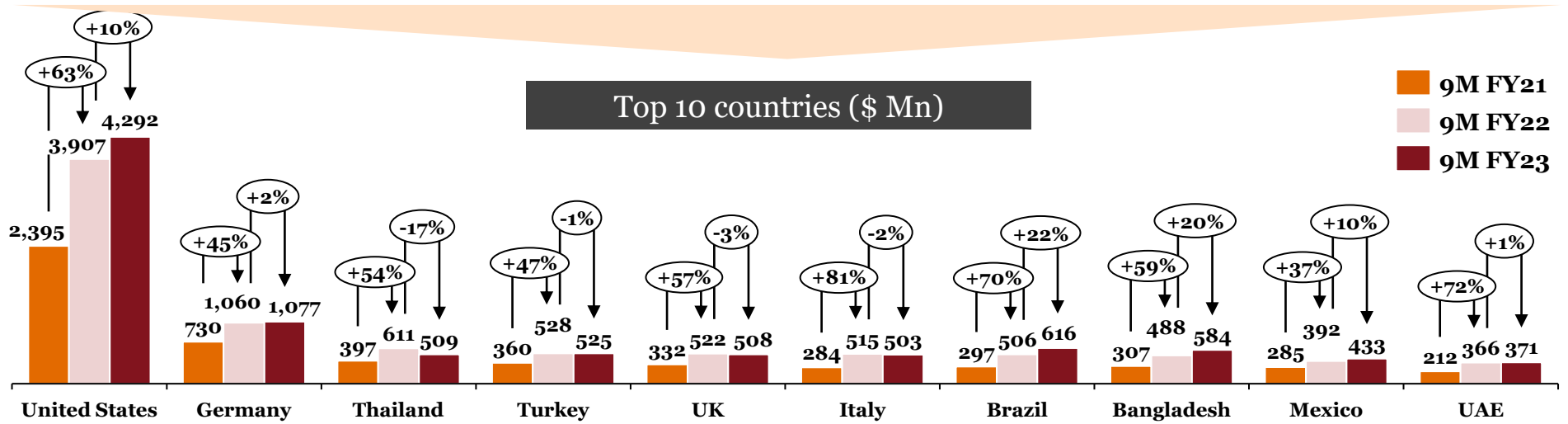
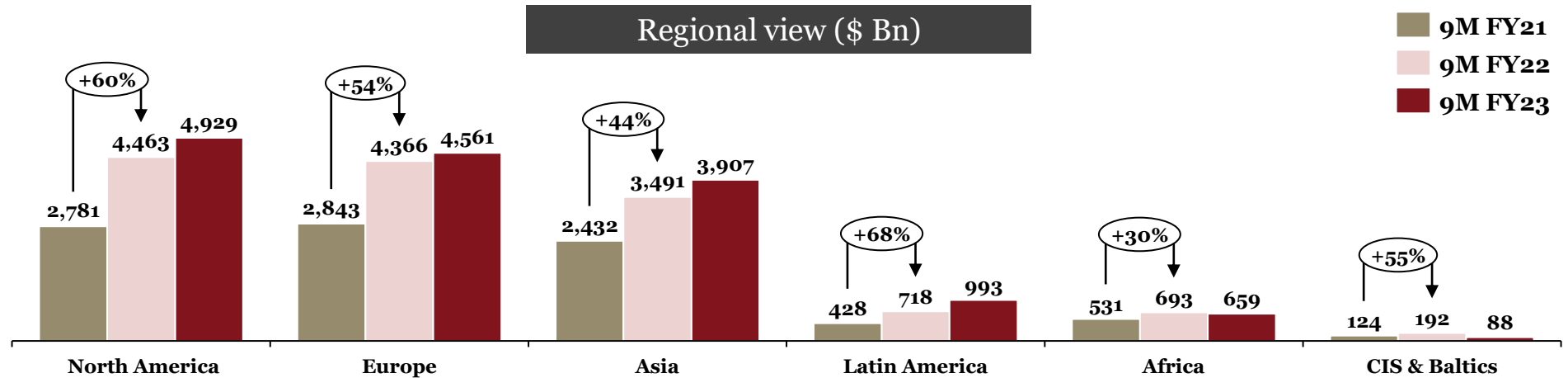
# *Executive Summary 9M FY-23*

## 9M-FY 23 : Summary of 9M performance y-o-y for “Exports” and “Imports”



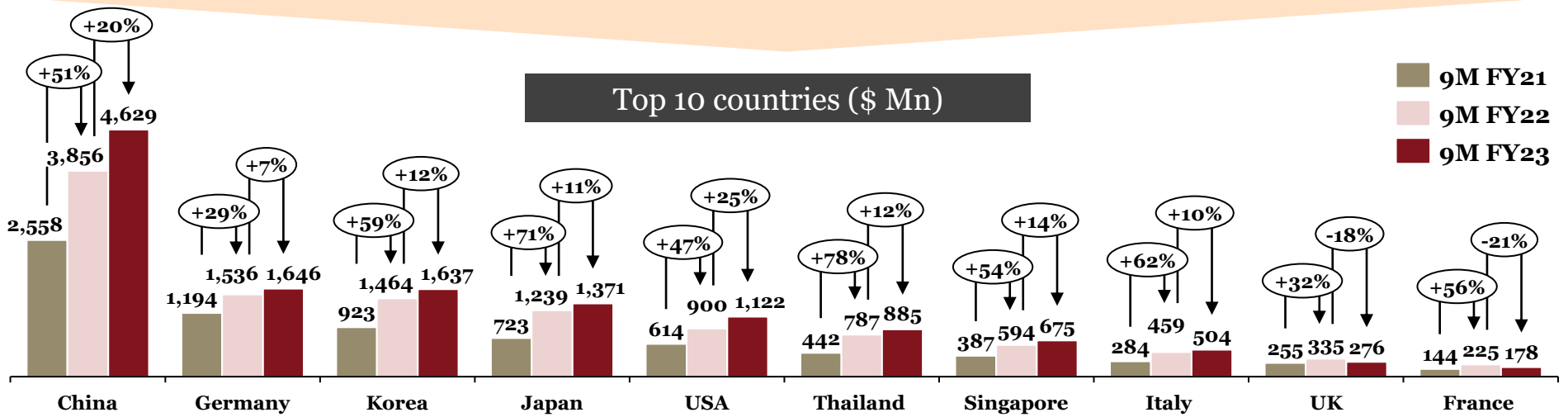
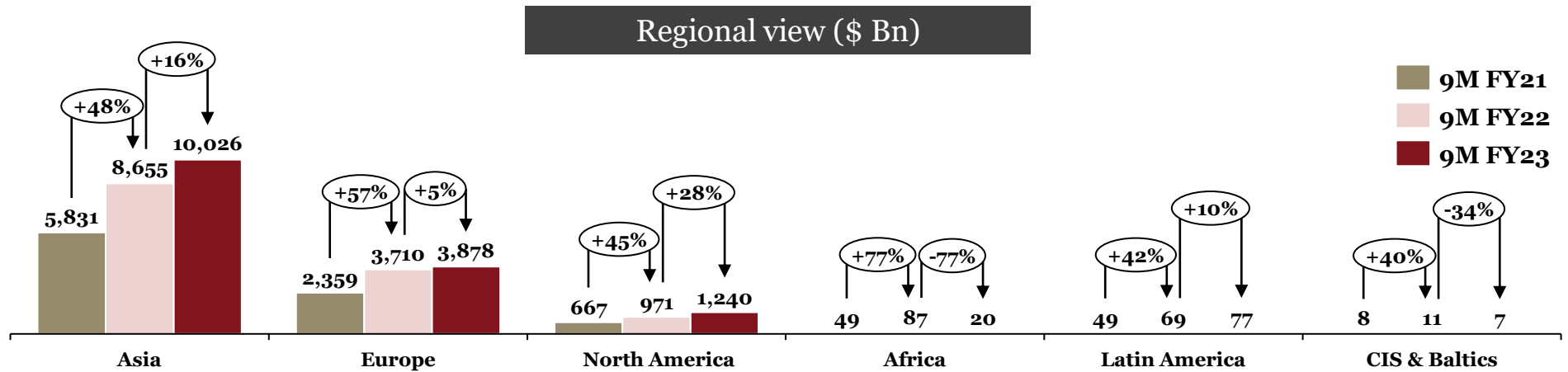
\*For 219 HS codes

## 9M-FY 21 vs. 9M-FY 22 vs. 9M-FY 23 Exports



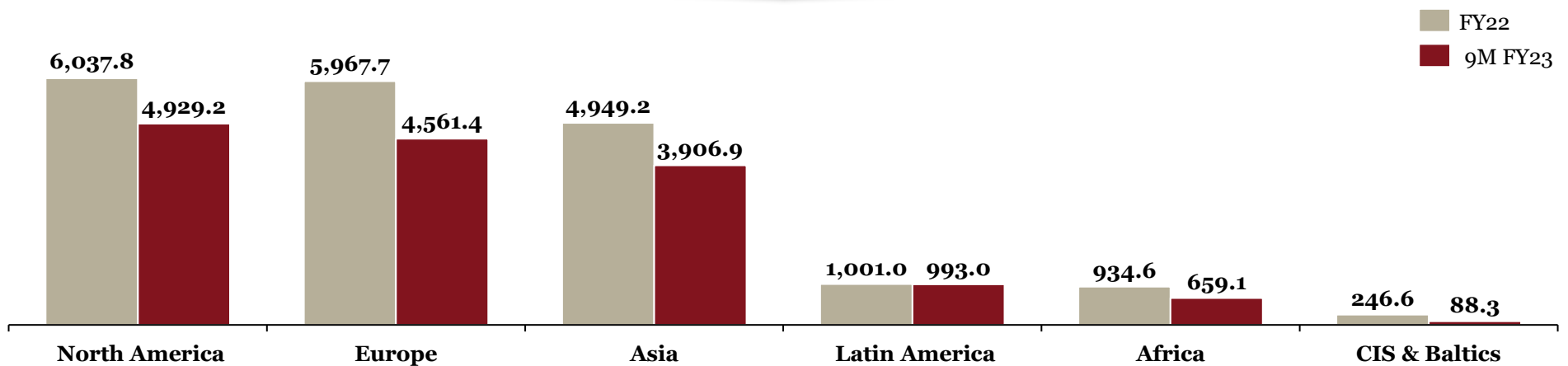
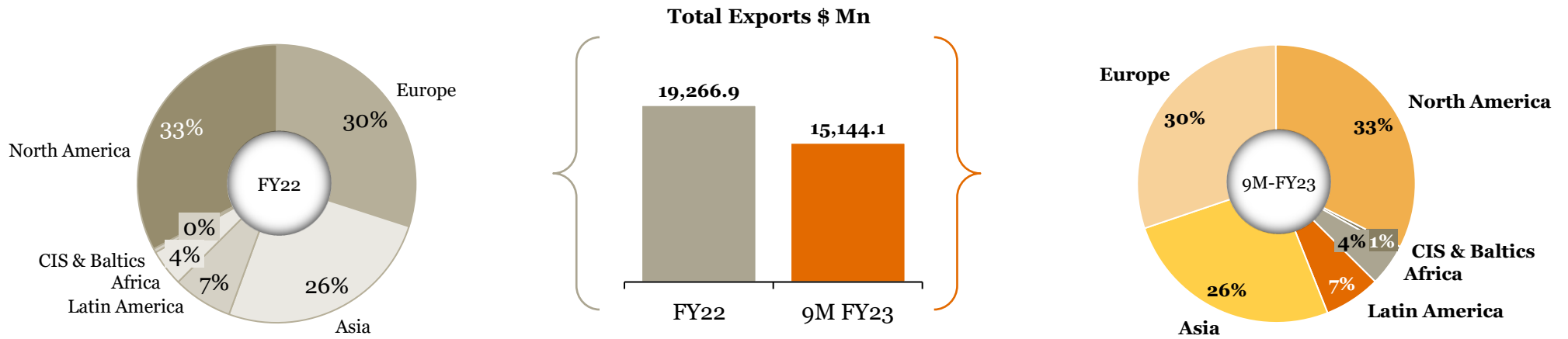
\*For 219 HS codes

## 9M-FY 21 vs. 9M-FY 22 vs. 9M-FY 23 Imports



\*For 218 HS codes

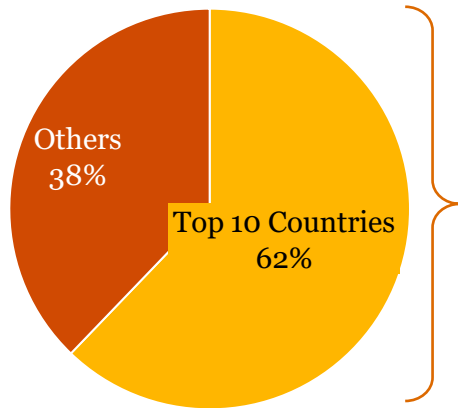
# Overview of “Exports” for Indian auto component industry in 9M-FY 23



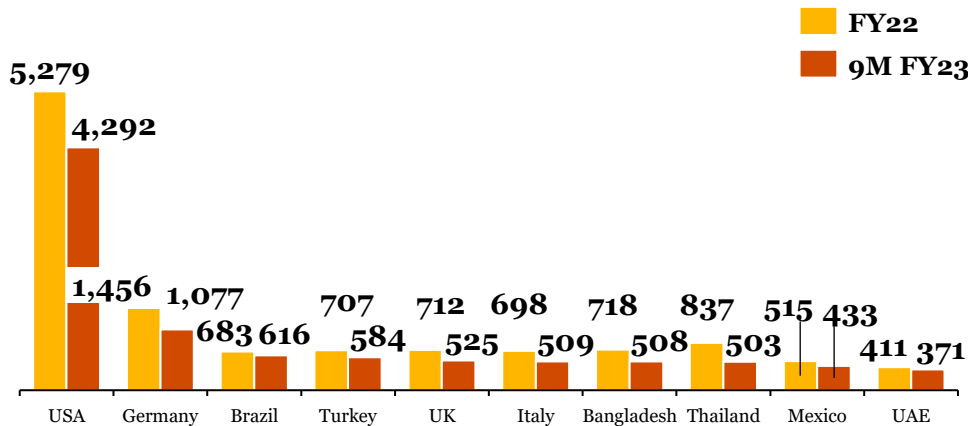
For 219 HS codes

## Key highlights of “Exports” in 9M-FY 23

**Top Countries (\$ Mn), 9M-FY 23**



Top 10 Countries	Share of Ex-9M-FY23
U S A	28%
Germany	7%
Brazil	4%
Turkey	4%
U K	3%
Italy	3%
Bangladesh Pr	3%
Thailand	3%
Mexico	3%
U Arab Emts	2%

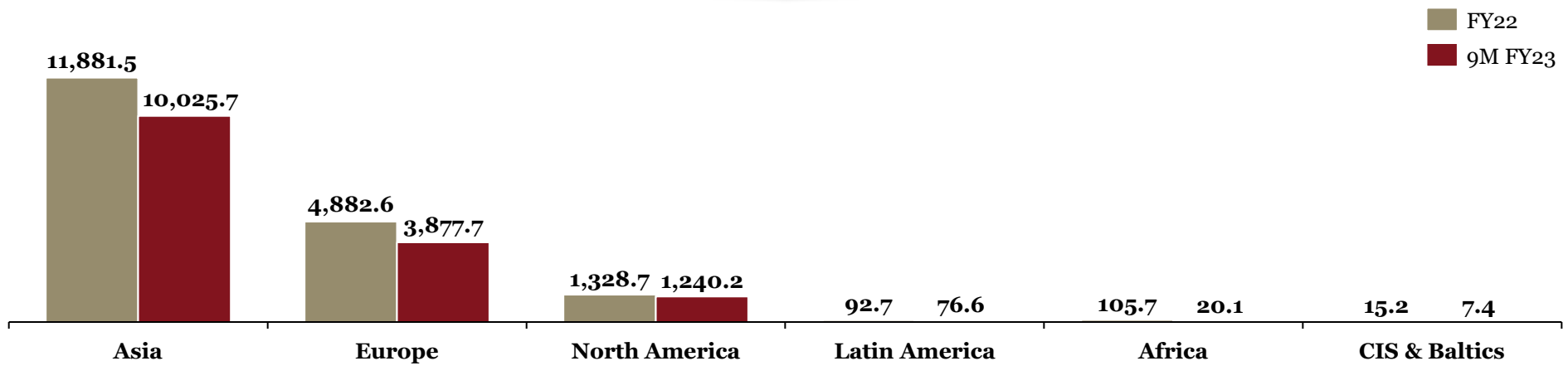
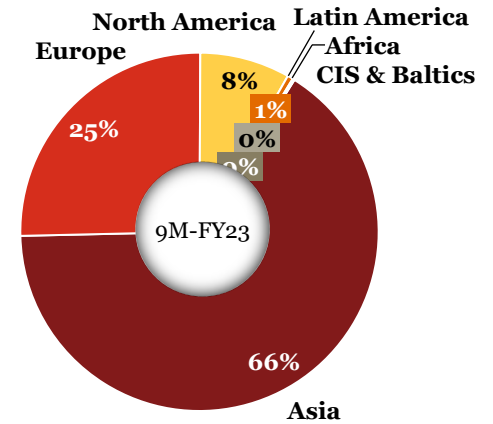
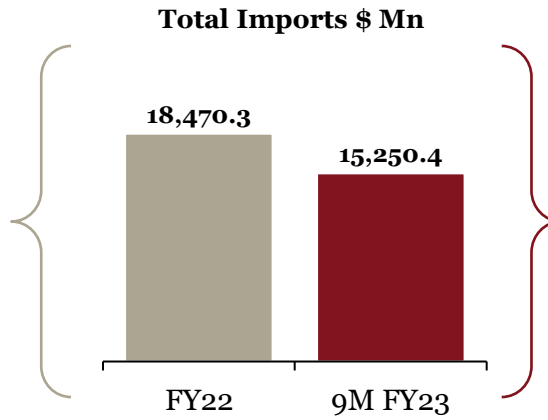
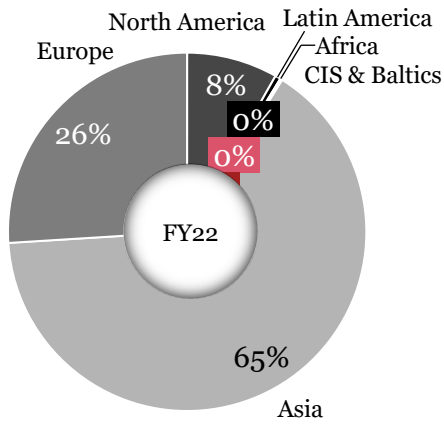


**Top HS codes (\$ Mn), 9M-FY 23**

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	658	
MEXICO	161.41	
GERMANY	148.54	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	331.3	
GERMANY	62.86	
BRAZIL	50.92	Other
<b>85030090</b>		
U S A	208.78	
AUSTRALIA	124.94	
GERMANY	64.74	Brakes and servo-brakes; parts thereof
<b>87083000</b>		
U S A	256	
GERMANY	37	
MEXICO	26.22	All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked
<b>73269099</b>		
U S A	234	
THAILAND	38.11	
GERMANY	33.75	Other
<b>87141090</b>		
BANGLADESH PR	208.26	
BRAZIL	51.12	
COLOMBIA	37.38	Drive-axles with differential, whether or not provided with other transmission components, non-driving axles; parts thereof
<b>87085000</b>		
U S A	212	
ITALY	36.37	
GERMANY	33.14	

For 219 HS codes

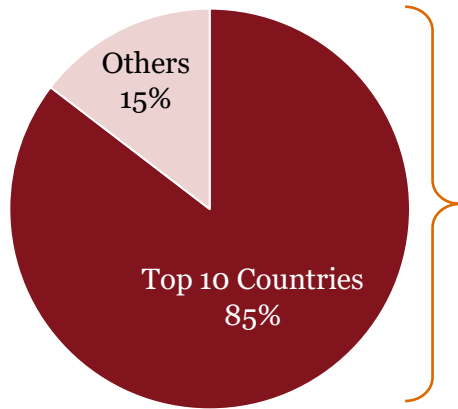
## Overview of “Imports” for Indian auto component industry in 9M-FY 23



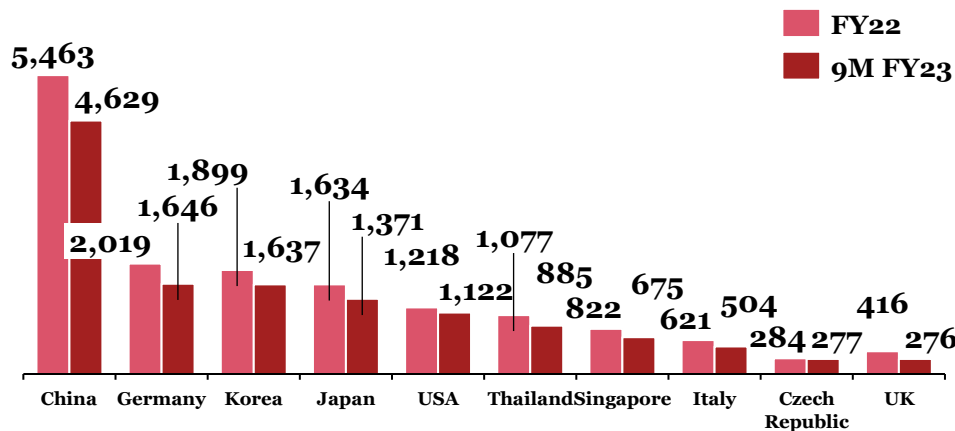
For 218 HS codes

## Key highlights of “Imports” in 9M-FY 23

**Top Countries (\$ Mn), 9M-FY 23**



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



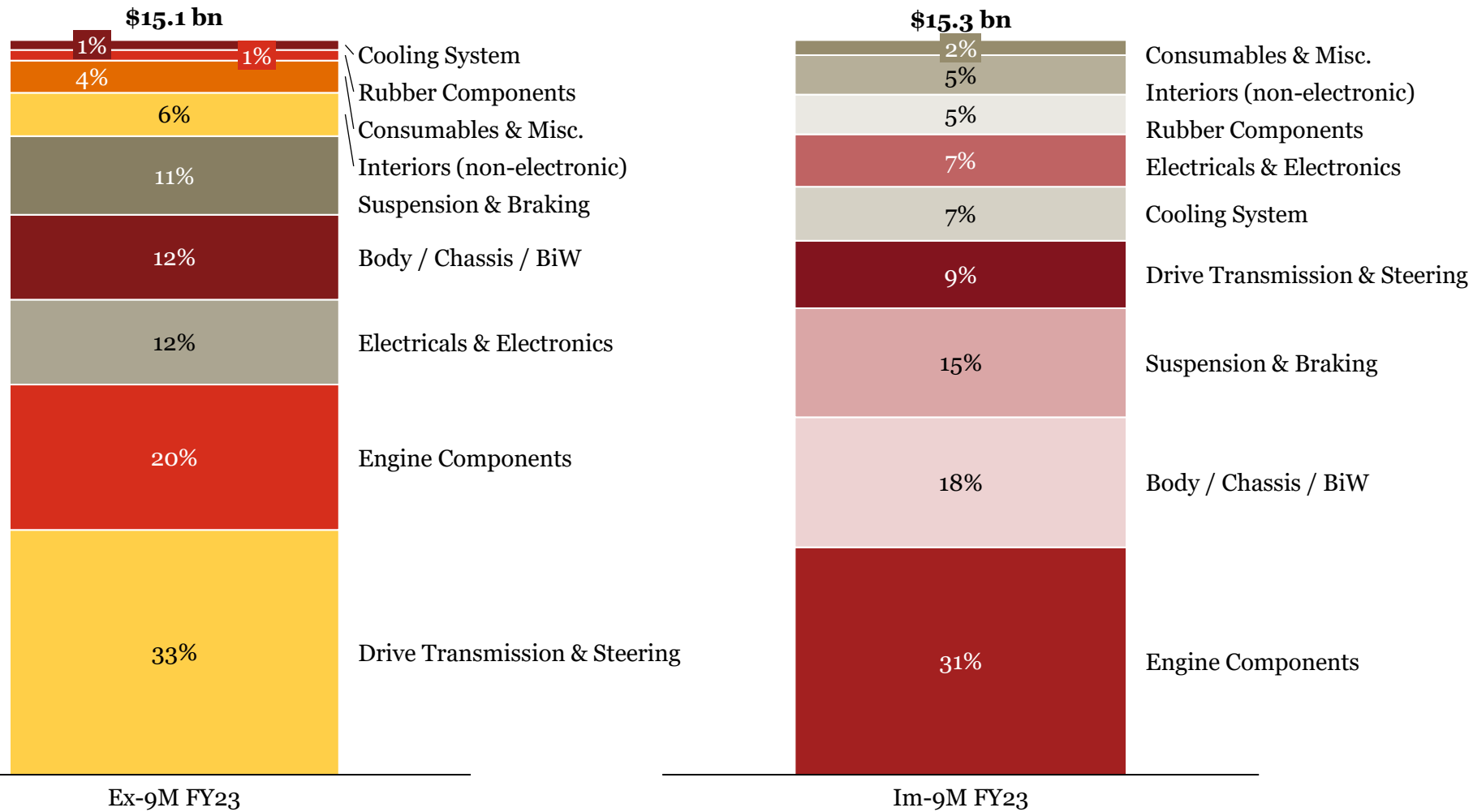
**Top HS codes (\$ Mn), 9M-FY 23**

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	386.48	
GERMANY	223.98	
KOREA RP	181.40	
<b>87084000</b>		Gear boxes and parts thereof
JAPAN	285.31	
KOREA RP	270.63	
U S A	71.23	
<b>85030090</b>		Other
CHINA P RP	362.94	
GERMANY	17.88	
SPAIN	10.00	
<b>84148011</b>		Of a kind used in air-conditioning equipment
CHINA P RP	253.22	
THAILAND	57.08	
KOREA RP	30.79	
<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
CHINA P RP	252.39	
GERMANY	54.87	
ITALY	24.54	
<b>87141090</b>		Other
CHINA P RP	283.58	
THAILAND	16.36	
INDONESIA	15.60	
<b>87082900</b>		Other parts and accessories of bodies (including cabs) :Other
KOREA RP	127.05	
CHINA P RP	115.24	
GERMANY	65.77	

For 218 HS codes



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

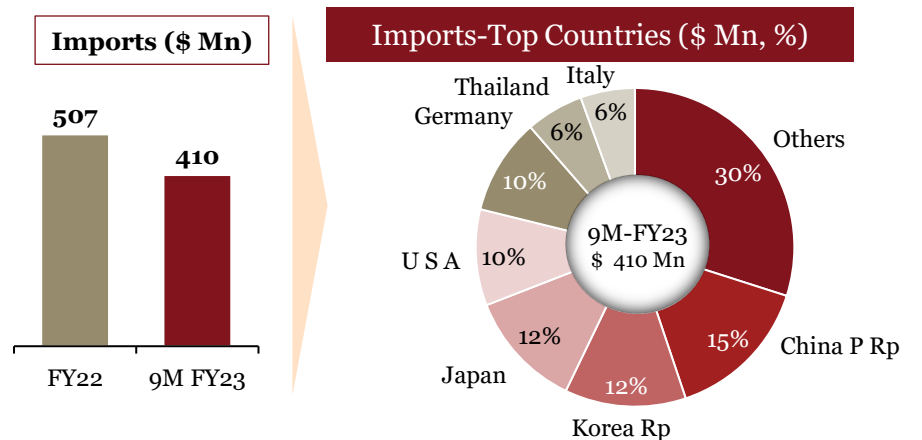
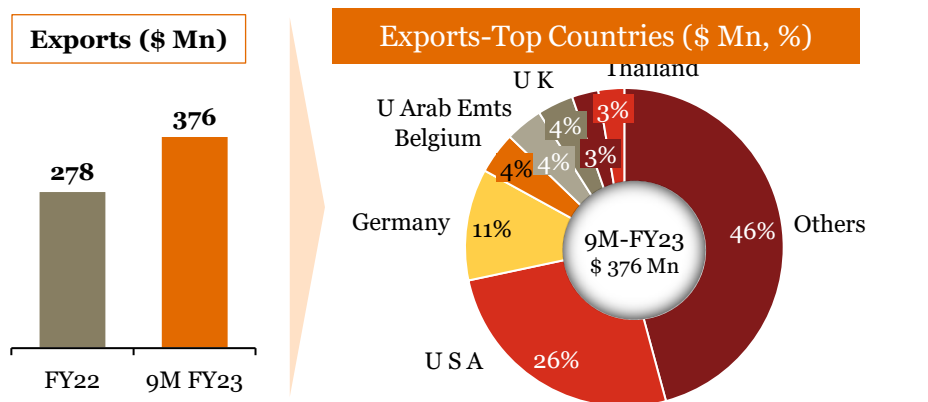


# *Chapter wise detailed analysis*

<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



#### Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
40169990	Others : Arcticles of Vulcanized Rubber other than hard rubber	142	U S A	32
			Germany	26
			Thailand	5
40092100	Reinforced or otherwise combined only with metal: without fittings	62	U S A	17
			Belgium	6
			Germany	5
40093100	Tubes, Pipes and hoses of vulcnised rubber other than hard rubber: Without fitting	52	U S A	20
			Germany	4
			Vietnam Soc Rep	3

#### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
40169990	Others : Arcticles of Vulcanized Rubber other than hard rubber	141	Korea Rp	24
			China P Rp	23
			Germany	15
			Japan	13
40169330	Rubber seals (Oil seals and the like)	65	China P Rp	8
			Korea Rp	8
			Japan	6
40169320	Rubber rings (O-ring)	46	U S A	6
			France	6
			Japan	6

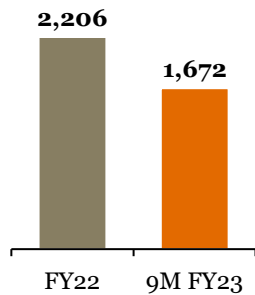
For 219 HS codes

For 218 HS codes

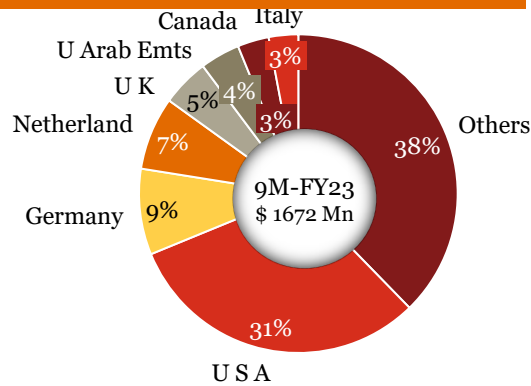
## Chapter 73

### Articles of iron or steel

#### Exports (\$ Mn)



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

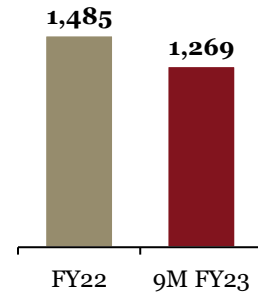


#### Top 3 Export Items

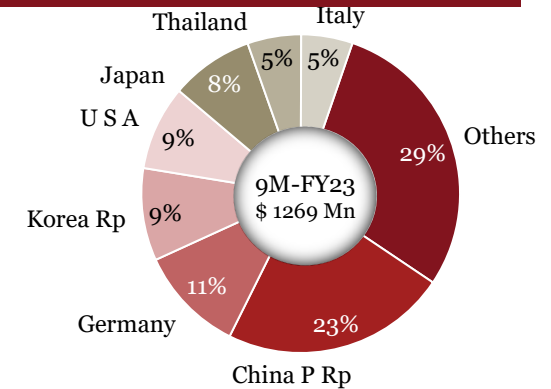
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
73269099	All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked	626	U S A	234
			Thailand	38
			Germany	34
			U S A	55
73181500	Threaded articles : Other screws and bolts, whether or not with their nuts or washers	327	Netherland	50
			Germany	43
			U S A	59
73072100	Other, of stainless steel : Flanges	197	Netherland	31
			Germany	19

For 219 HS codes

#### Imports (\$ Mn)



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



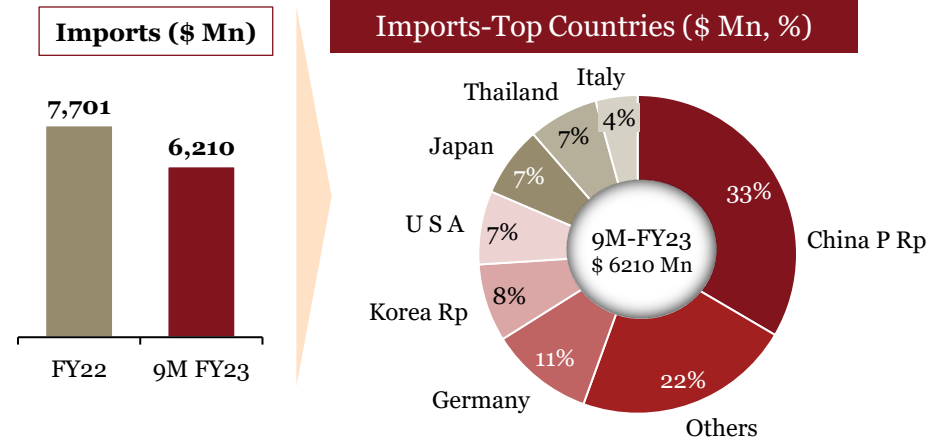
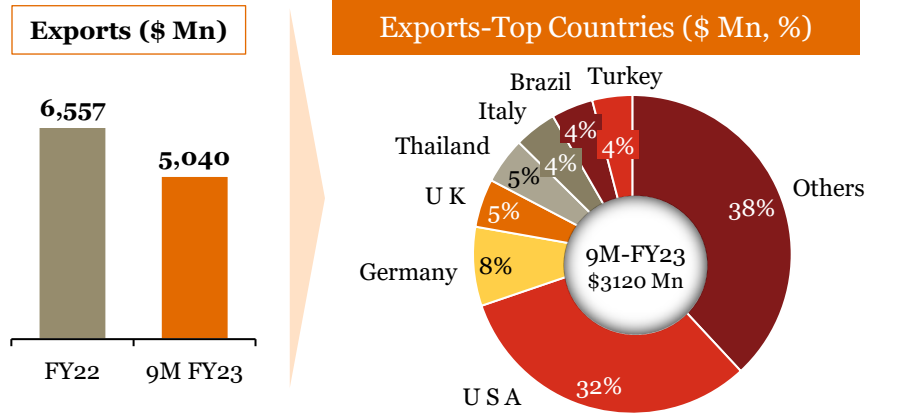
#### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
73269099	All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked	533	China P Rp	114
			U S A	53
			Germany	45
73181500	Threaded articles : Other screws and bolts, whether or not with their nuts or washers	333	China P Rp	75
			Korea Rp	48
			Japan	40
73181900	Threaded articles : Other	73	China P Rp	25
			Germany	14
			Japan	6

For 218 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	637	U S A	331
			Germany	63
			Brazil	51
			U S A	51
84139190	Others (Parts of Steering Pump Assembly)	367	U S A	203
			Germany	35
			Italy	15
84099990	Other parts of diesel engine: Other	319	U S A	129
			Italy	27
			U K	26

### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
84148011	Of a kind used in air-conditioning equipment	371	China P Rp	253
			Thailand	57
			Korea Rp	31
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	449	China P Rp	252
			Germany	55
			Italy	25
84219900	Other: Parts of Machinery and apparatus for filtering	381	China P Rp	83
			Germany	70
			U S A	52

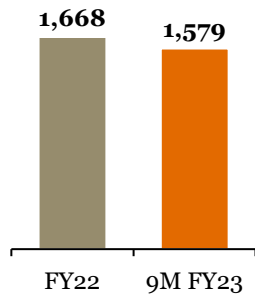
For 219 HS codes

For 218 HS codes

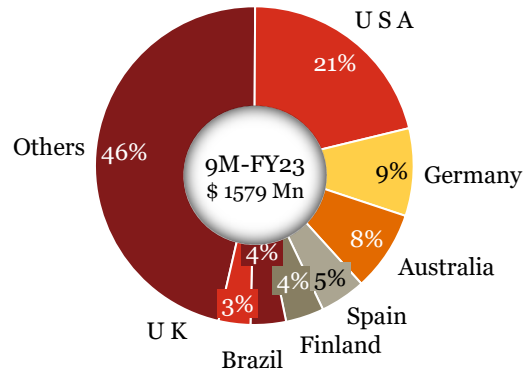
## Chapter 85

### Electrical machinery and equipment and parts thereof

#### Exports (\$ Mn)



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

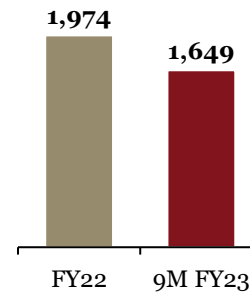


#### Top 3 Export Items

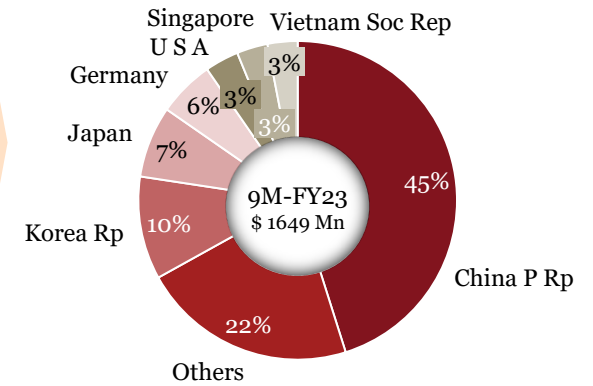
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
85030090	Other	791	USA	209
			Germany	65
			Australia	125
85443000	Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships	195	USA	30
			UK	31
			Japan	22
85114000	Starter motors and dual purpose starter-generators	119	USA	19
			UK	12
			Germany	15

For 219 HS codes

#### Imports (\$ Mn)



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



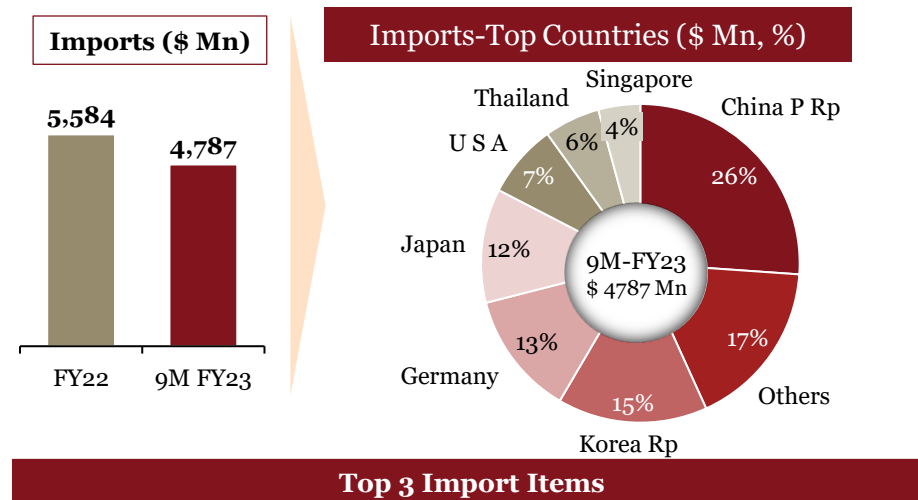
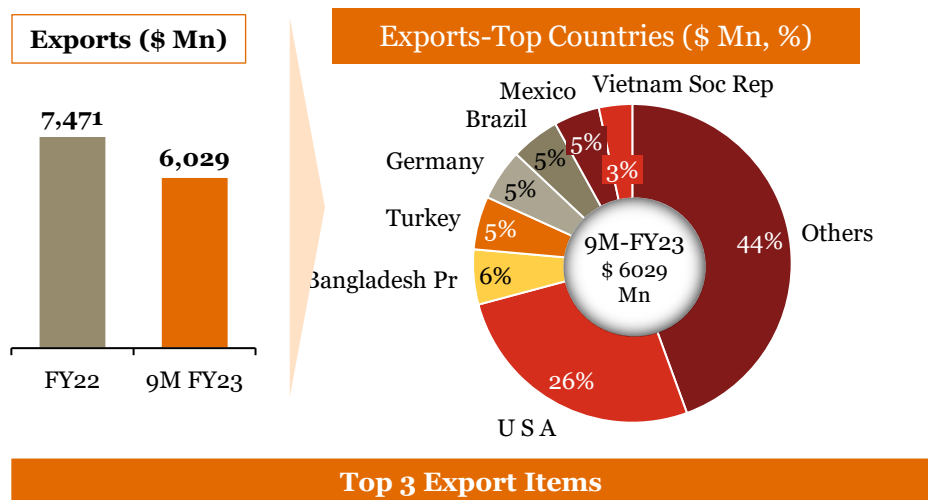
#### Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
85030090	Other	461	China P Rp	363
			Germany	18
			Spain	10
85013119	DC motors :Other	177	China P Rp	98
			Japan	14
			Germany	10
85011019	DC motor :Other	147	China P Rp	61
			Korea Rp	15
			Hong Kong	12

For 218 HS codes

## Chapter 87

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



HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
87089900	Other: Motor vehicle parts (Reservoir for Hydraulic Power Steering Systems+Steering Gear Systems and Parts)	2356	U S A	658
			Mexico	161
			Germany	149
87083000	Brakes and servo-brakes; parts thereof	523	U S A	256
			Germany	37
			Mexico	26
87085000	Drive-axles with differential, whether or not provided with other transmission components, non-driving axles; parts thereof	510	U S A	212
			Italy	36
			Germany	33

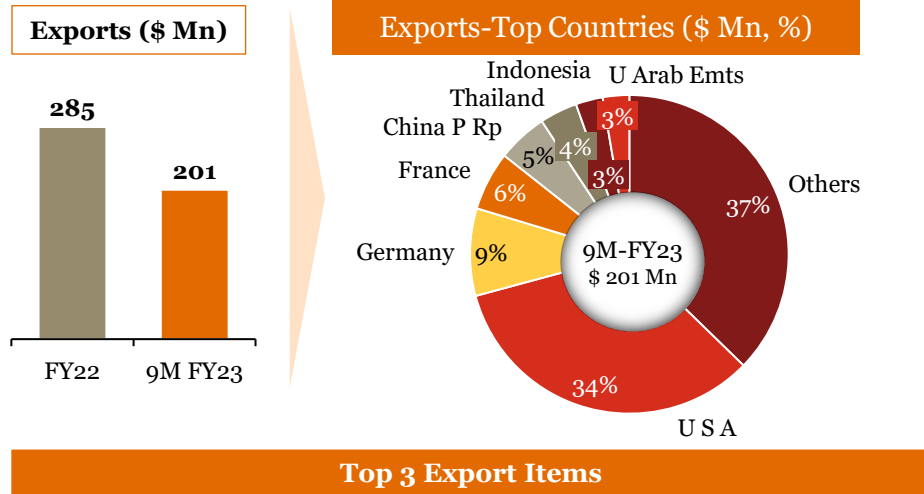
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
87089900	Other: Motor vehicle parts (Reservoir for Hydraulic Power Steering Systems+Steering Gear Systems and Parts)	1524	China P Rp	386
			Germany	224
			Korea Rp	181
87084000	Gear boxes and parts thereof	965	Japan	285
			Korea Rp	271
			U S A	71
87082900	Other parts and accessories of bodies (including cabs) :Other	464	Korea Rp	127
			China P Rp	115
			Germany	66

For 219 HS codes

For 218 HS codes

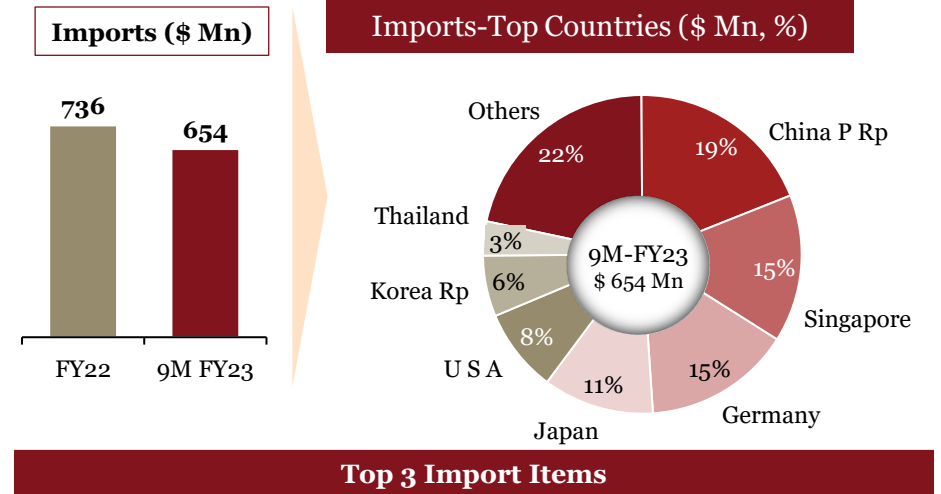
## Chapter 90

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



HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
90328990	Other	128	USA	44
			China P Rp	9
			Thailand	7.00
90319000	Other optical instruments and appliances :Parts and accessories ( Measuring & Checking Insturments -Sensors)	59	USA	22
			Germany	11
			France	6
90292020	Speedometers, non-electrical	9	Korea Rp	4
			Turkey	3
			Italy	0.34

For 219 HS codes



HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
90328990	Other	472	China P Rp	99
			Singapore	93
			Germany	69
90319000	Other optical instruments and appliances :Parts and accessories ( Measuring & Checking Insturments - Sensors)	168	Japan	37
			Germany	27
			China P Rp	25
90158030	Geophysical instruments	7	Canada	2
			Switzerland	1
			Australia	1

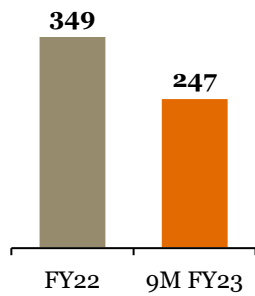
For 218 HS codes



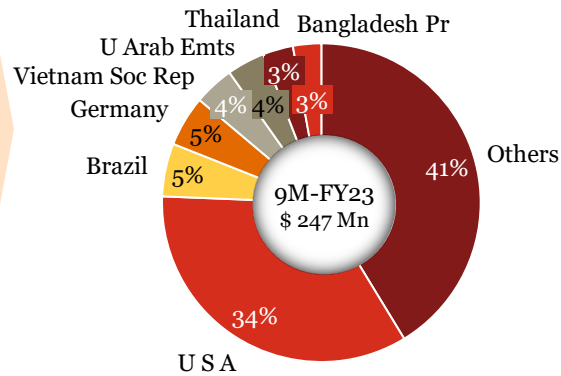
# Chapter 70,72,68,83,91 & 94

## Multiple Chapters

### Exports (\$ Mn)



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

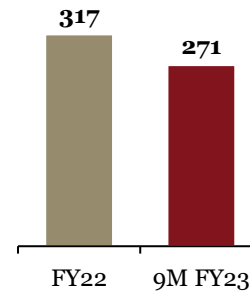


### Top 3 Export Items

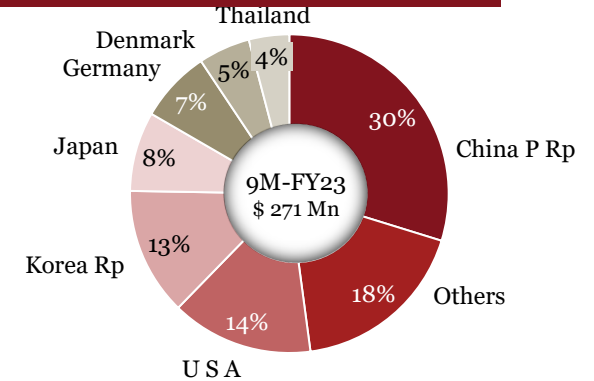
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
70099200	Other : Framed	47	U S A	33
			U K	3
			France	2
68138100	Brake linings and pads (Not containing Asbestos)	44	U S A	19
			Saudi Arab	2
			U Arab Emts	2
83012000	Locks of a kind used for motor vehicles	52	U S A	13
			Thailand	5
			Germany	4

For 219 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	66	U S A	20
			China P Rp	17
			Germany	9
83023090	Other	33	Korea Rp	14
			China P Rp	6
			U S A	3
72125090	Other	31	Denmark	10
			Japan	7
			Korea Rp	3

For 218 HS codes



## *Disclaimer*

This document has been prepared solely for [ACMA] *Automotive Component Manufacturers Association of India*, being the express addressee to this document. PwC does not accept or assume any liability, responsibility or duty of care for any use of or reliance on this document by anyone, other than (i) ACMA, to the extent agreed in the relevant contract for the matter to which this document relates (if any), or (ii) as expressly agreed by PwC in writing in advance.

This publication has been prepared for general guidance on matters of interest only, and does not constitute professional advice. You should not act upon the information contained in this publication without obtaining specific professional advice. No representation or warranty (express or implied) is given as to the accuracy or completeness of the information contained in this publication, and, to the extent permitted by law, PwC, its members, employees and agents accept no liability, and disclaim all responsibility, for the consequences of you or anyone else acting, or refraining to act, in reliance on the information contained in this publication or for any decision based on it.

This publication contains certain examples extracted from third party documentation and so being out of context from the original third party documents; readers should bear this in mind when reading the publication. The copyright in such third party material remains owned by the third parties concerned, and PwC expresses its appreciation to these companies for having allowed it to include their information in this publication. For a more comprehensive view on each company's communication, please read the entire document from which the extracts have been taken. Please note that the inclusion of a company in this publication does not imply any endorsement of that company by PwC nor any verification of the accuracy of the information contained in any of the examples.

This publication contains various companies' forward looking statements, which by their nature involve numerous assumptions, inherent risks and uncertainties, both general and specific, and risks that predictions, forecasts, projections and other forward looking statements will not be achieved. We caution readers of this publication not to place undue reliance on these forward looking statements, as a number of important factors could cause actual future results to differ materially from the plans, objectives, expectations, estimates, and intentions expressed in such forward looking statements.

PwC contacts for ACMA Knowledge Partnership

- Kavan Mukhtyar, Partner & Leader-Automotive, PwC India – [kavan.mukhtyar@in.pwc.com](mailto:kavan.mukhtyar@in.pwc.com) / +912261198735
- Akhilesh Oberoi, ACMA Knowledge Partnership Manager – [akhilesh.oberoi@in.pwc.com](mailto:akhilesh.oberoi@in.pwc.com) / +91124620724