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Export-Import analysis of the Indian auto-component industry

View: FY 23

Prepared for ACMA

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and confidential*

May 2023



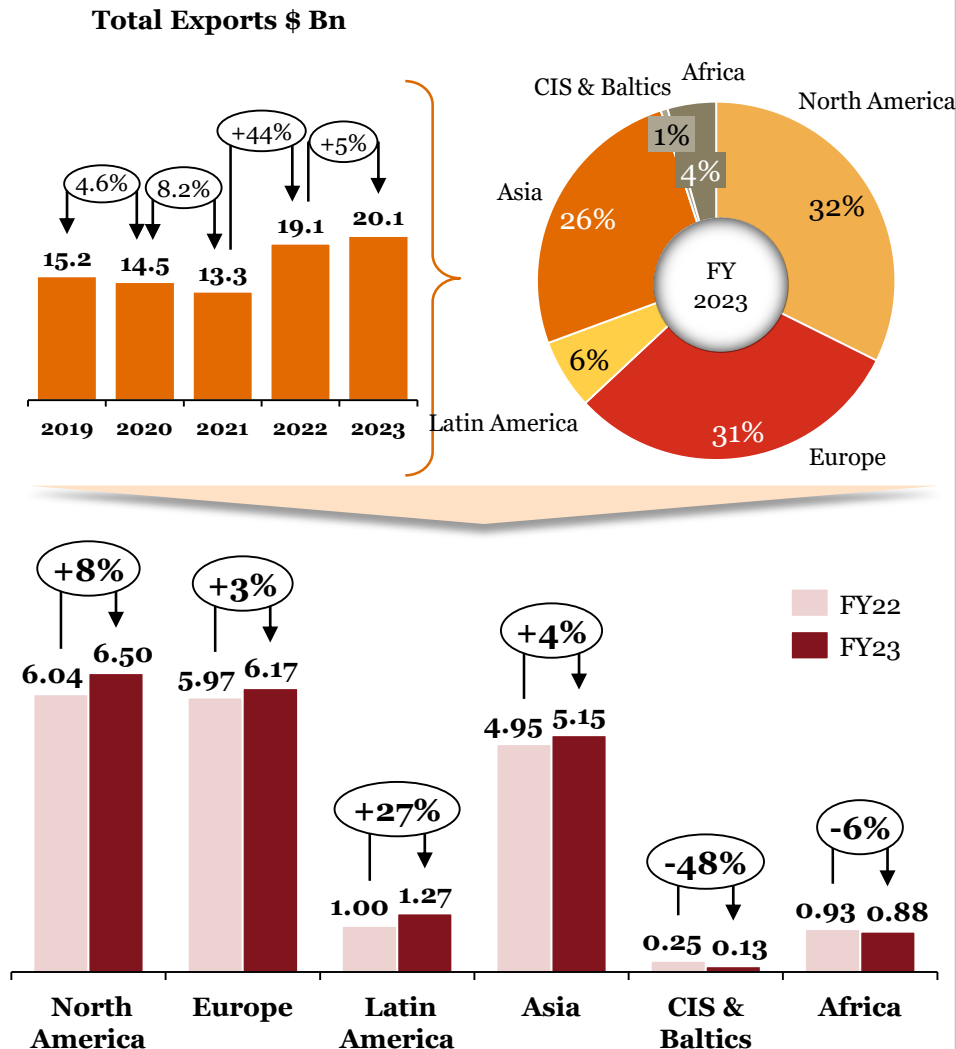
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Executive Summary FY-23

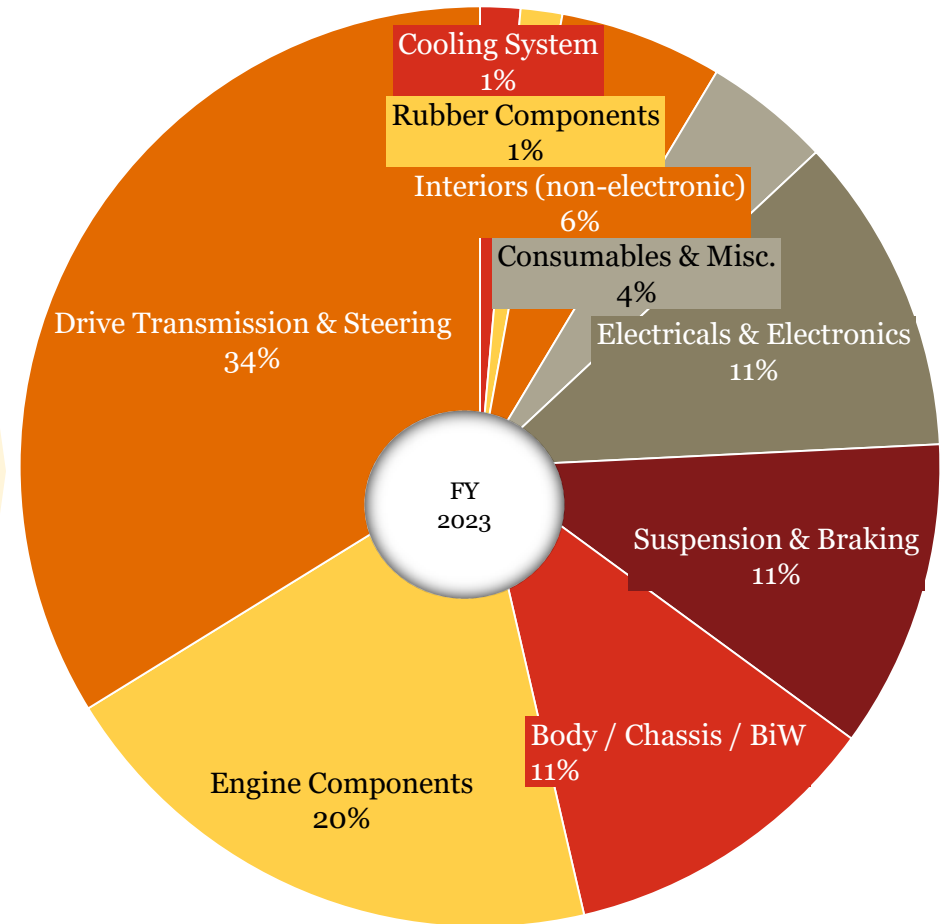
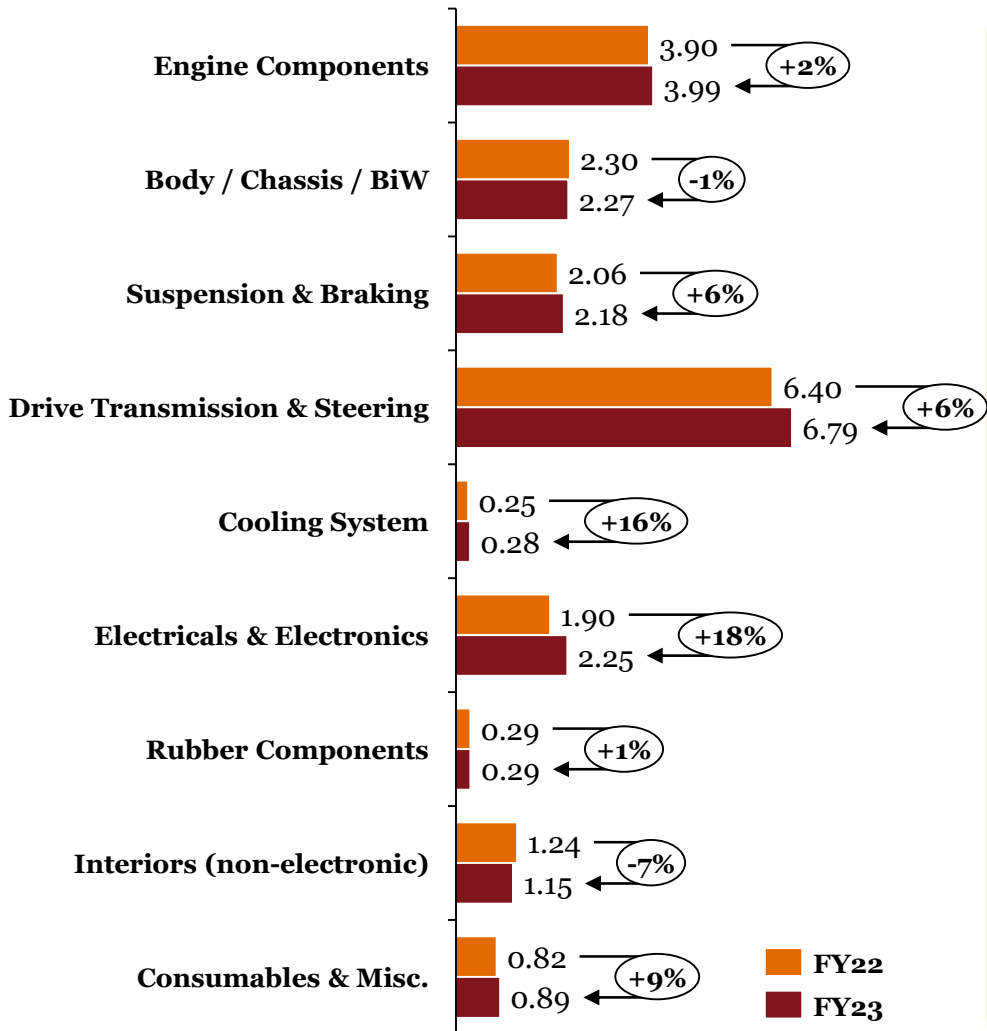
Overview of “Exports” for the Indian auto component industry in FY 23



- 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

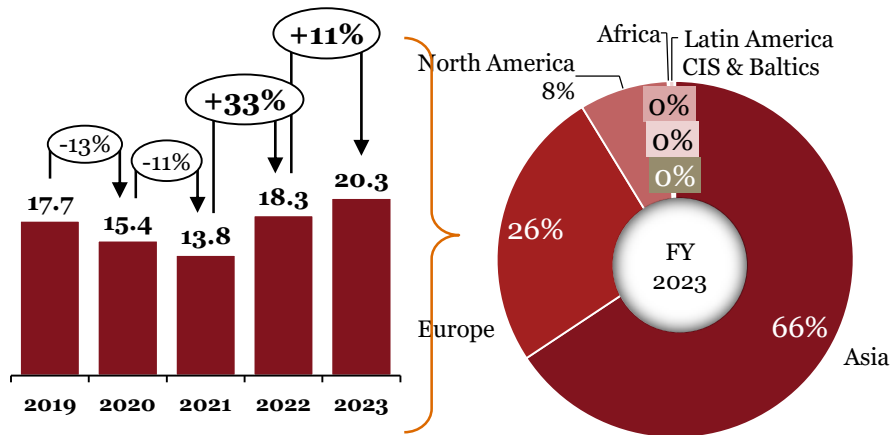
Segmentation by product type: Exports (FY-o-FY)



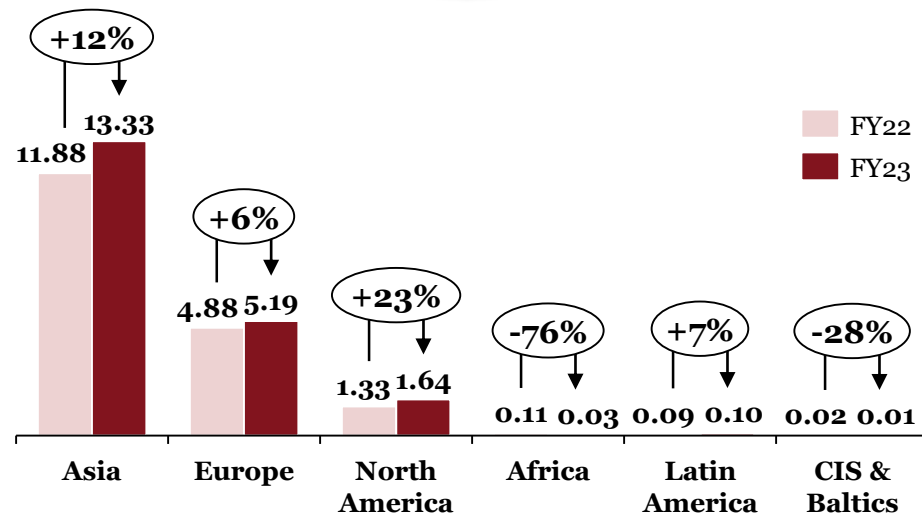
All periods mentioned are FY
*For 219 HS codes

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

Total Imports \$ Bn

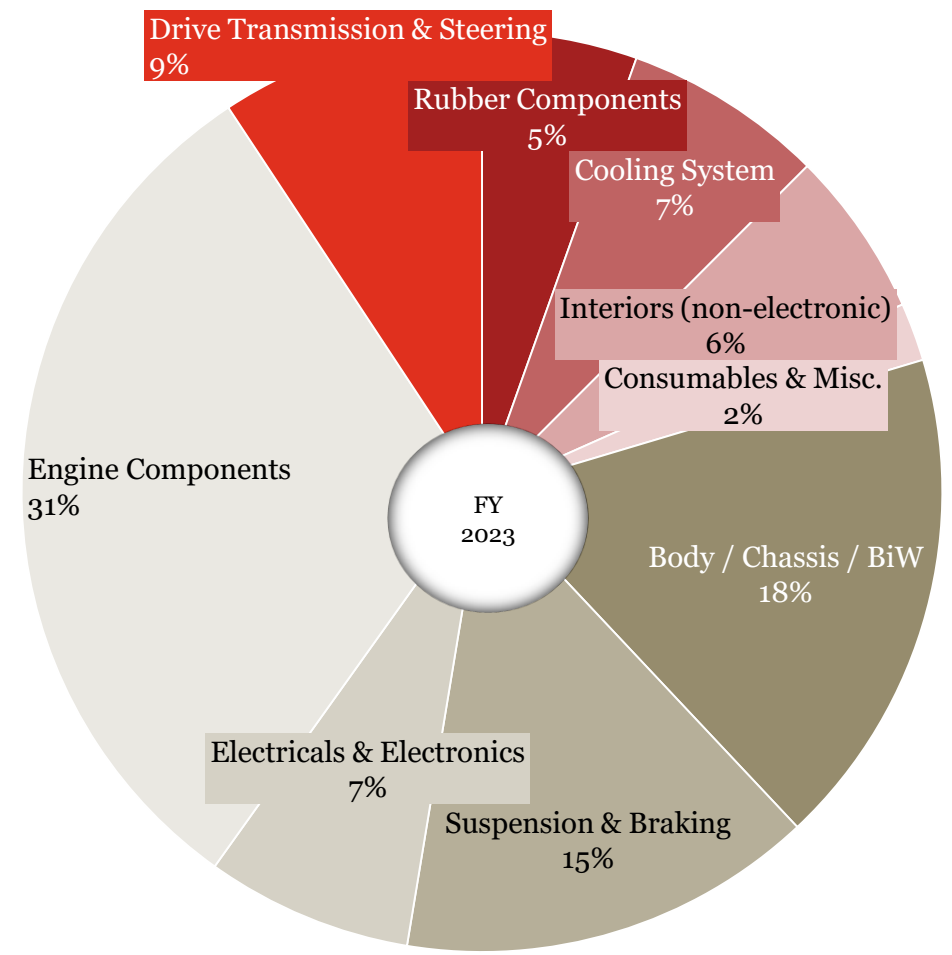
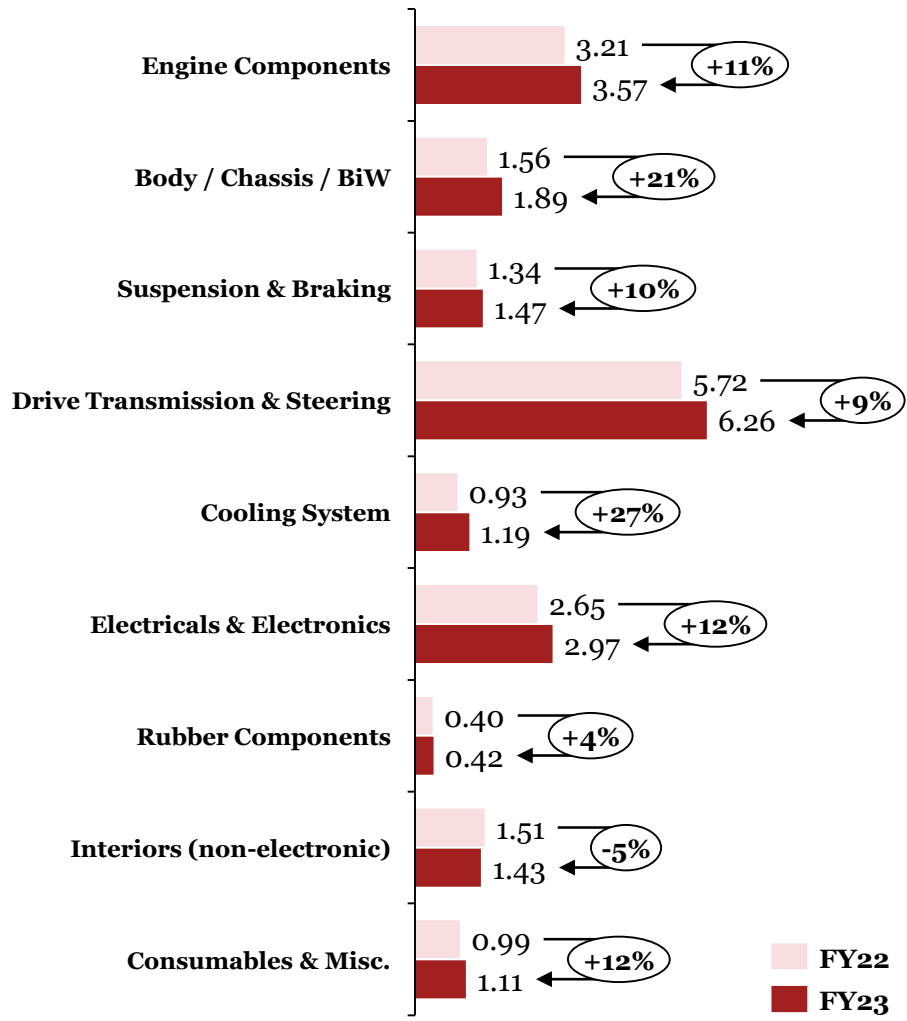


- FY23 saw a ~ **11% increase** in auto components imports into India. Supply-side issues, such as the availability of semiconductors, high input raw-material costs, and non-availability of containers can be linked to the increase in imports value
- **China** remains the biggest importer of components (~30% of imports) while **Germany** has moved up a position to become the 2nd largest parts importer (11% of imports)
- ‘**Body/Chassis**’ and ‘**Engine**’, remain the 2 dominant segments, accounting for **49%** of imports
- Imports from Africa **plummeted by 76%** due to a premiumization focus in Indian markets



All periods mentioned are FY
*For 218 HS codes

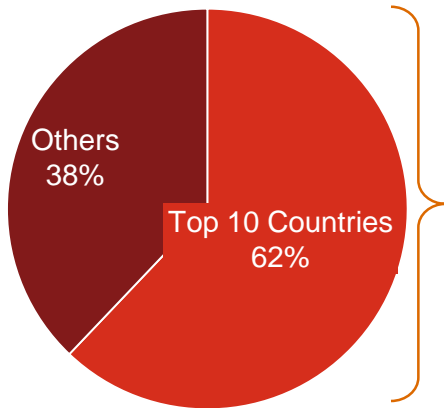
Segmentation by product type: Imports (FY-o-FY)



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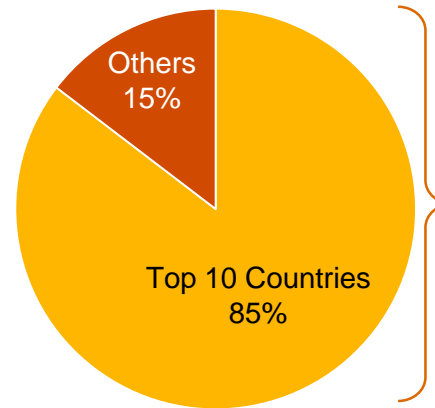
Key highlights of “Exports” & “Imports” in FY 23

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

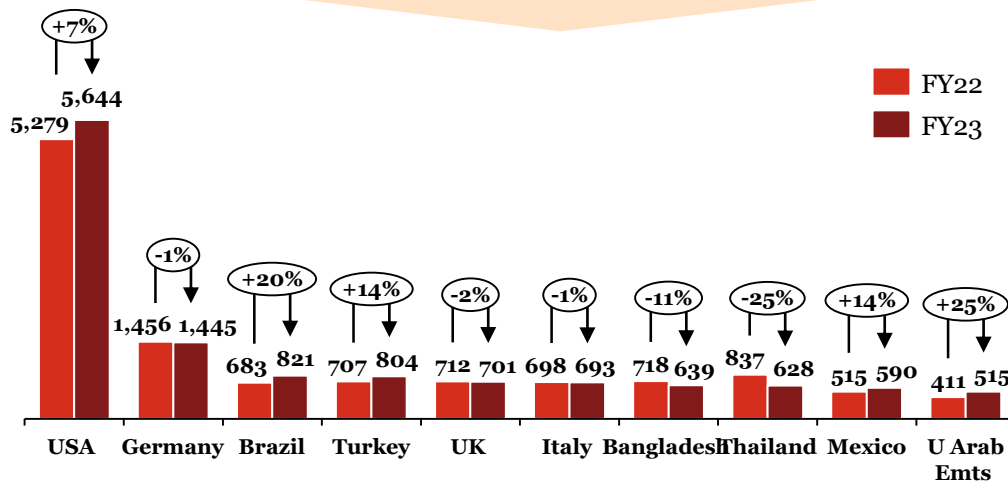


Top 10 Countries	Share of Ex-FY22	Share of Ex-FY23
U S A	28%	28%
Germany	8%	7%
Brazil	4%	4%
Turkey	4%	4%
U K	4%	3%
Italy	4%	3%
Bangladesh Pr	4%	3%
Thailand	4%	3%
Mexico	3%	3%
U Arab Emts	2%	3%

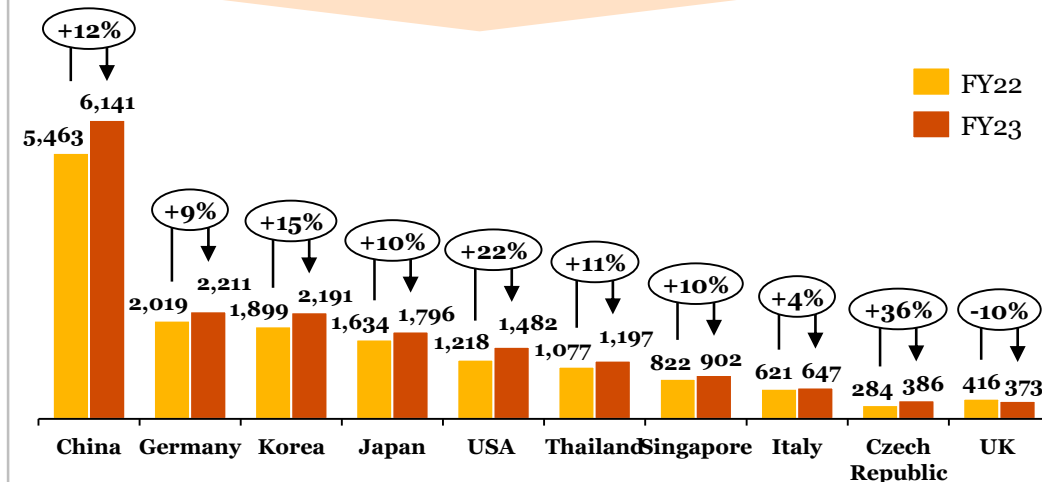
Imports - Top Countries (\$ Mn), 2023*



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



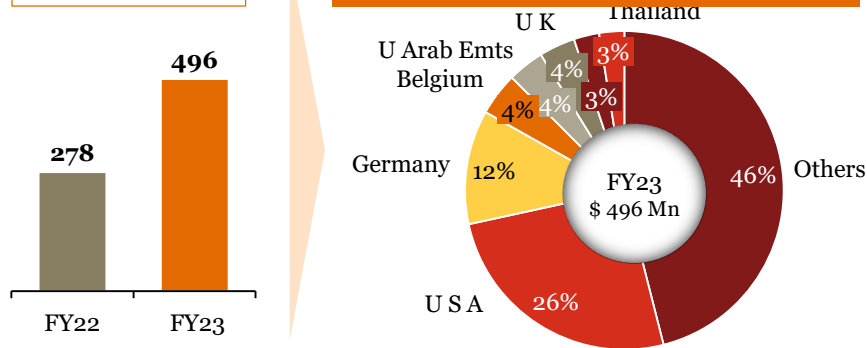
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Chapter wise detailed analysis

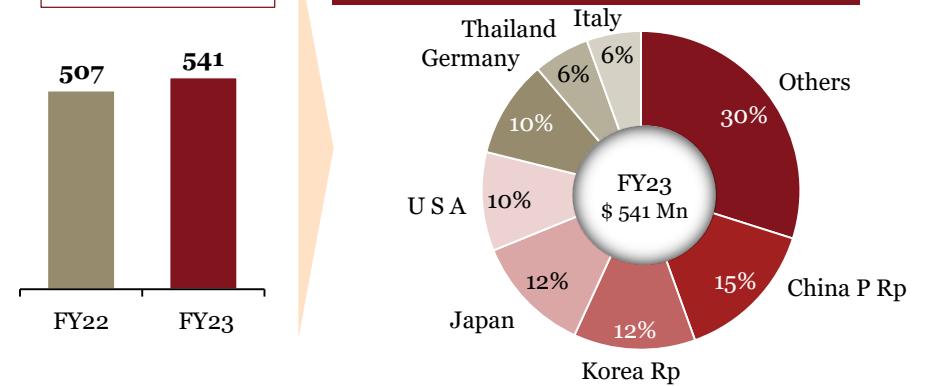
Chapter 40

Rubber and articles

Exports (\$ Mn)



Imports (\$ Mn)



Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
40169990	Others : Arcticles of Vulcanized Rubber other than hard rubber	190	U S A	40
			Germany	36
			Belgium	7
40093100	Tubes, Pipes and hoses of vulcnised rubber other than hard rubber: Without fitting	70	U S A	27
			Germany	6
			Vietnam Soc Rep	5
40092100	Reinforced or otherwise combined only with metal: without fittings	79	U S A	22
			Belgium	8
			Germany	7

Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
40169990	Others : Arcticles of Vulcanized Rubber other than hard rubber	183	Korea Rp	31
			China P Rp	29
			Germany	20
40169330	Rubber seals (Oil seals and the like)	86	Japan	18
			Korea Rp	11
			China P Rp	10
40169320	Rubber rings (O-ring)	61	Japan	8
			U S A	8
			France	7

*For 219 HS codes

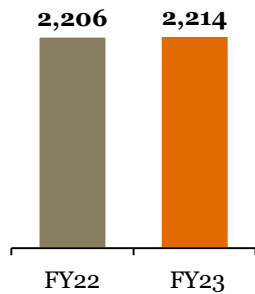
All periods mentioned are FY

*For 218 HS codes

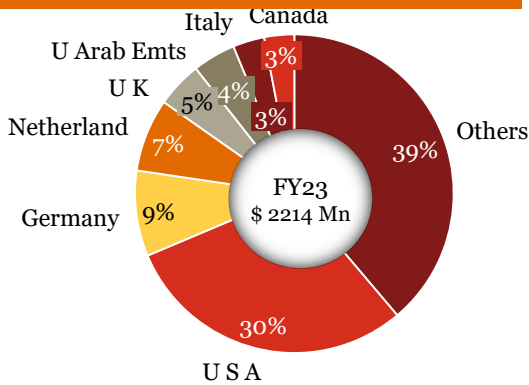
Chapter 73

Articles of iron or steel

Exports (\$ Mn)



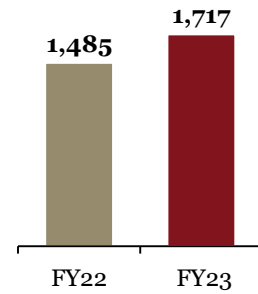
Exports-Top Countries (\$ Mn, %)



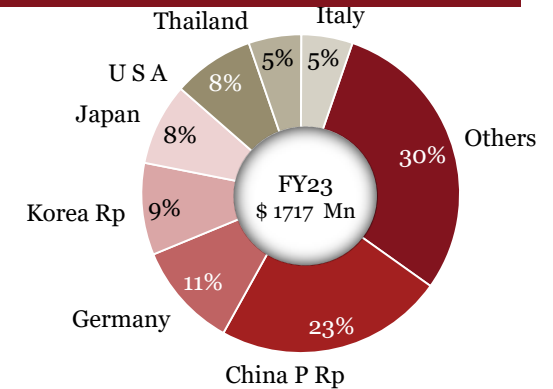
Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
73269099	All Other Articles Of Iron/Steel Nes Forged or stamped but not further worked	813	USA	297
			Thailand	50
			Germany	43
73181500	Threaded articles : Other screws and bolts, whether or not with their nuts or washers	438	USA	70
			Netherland	65
			Germany	58
73072100	Other, of stainless steel : Flanges	265	USA	77
			Netherland	43
			Germany	24

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	731	China P Rp	164
			USA	69
			Germany	59
73181500	Threaded articles : Other screws and bolts, whether or not with their nuts or washers	448	China P Rp	100
			Korea Rp	63
			Japan	56
73181900	Threaded articles : Other	98	China P Rp	33
			Germany	21
			Japan	8

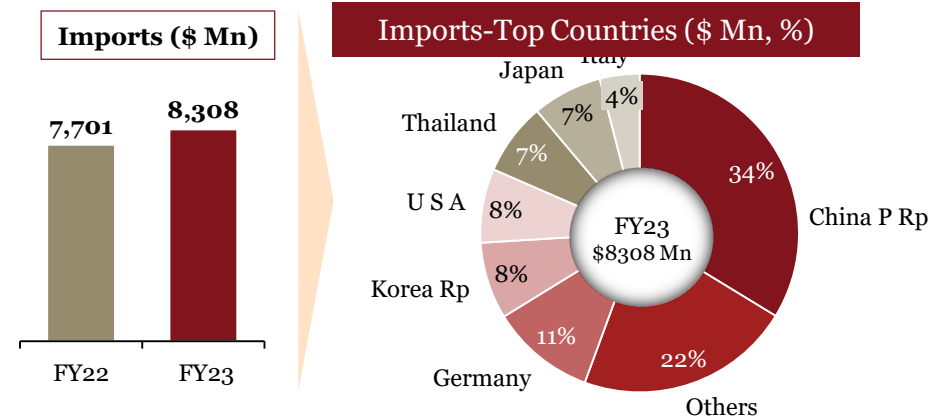
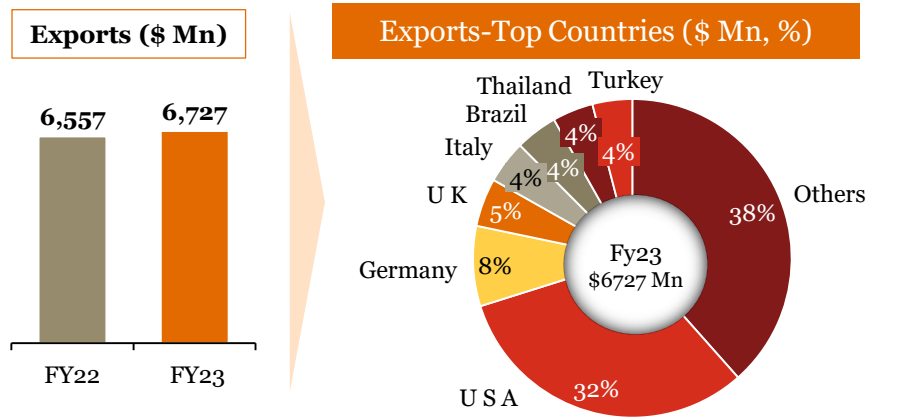
*For 219 HS codes

All periods mentioned are FY

*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	849	U S A	442
			Germany	79
			Brazil	64
84139190	Others (Parts of Steering Pump Assembly)	480	U S A	259
			Germany	47
			Italy	21
84099990	Other parts of diesel engine: Other	433	U S A	175
			Italy	35
			U K	35

Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
84148011	Of a kind used in air-conditioning equipment	569	China P Rp	395
			Thailand	90
			Korea Rp	41
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	582	China P Rp	312
			Germany	76
			Italy	33
84314990	Other : Wheels and Components for Construction and Earthmoving Equipments	496	China P Rp	246
			Korea Rp	66
			Germany	29

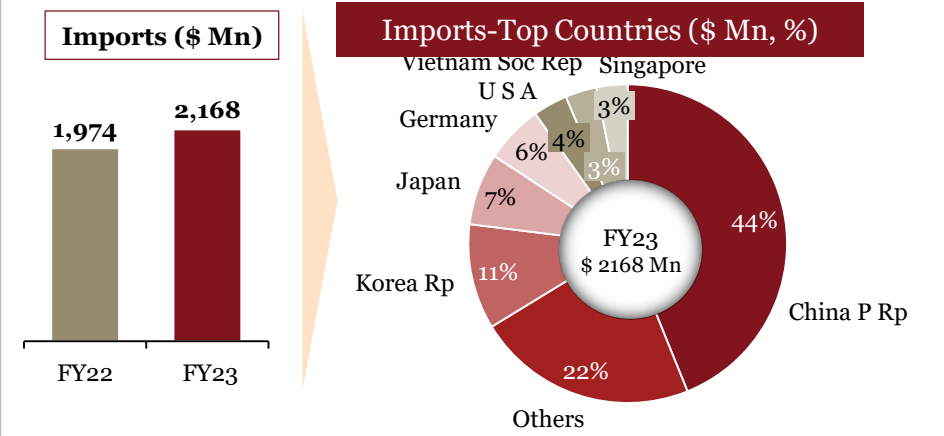
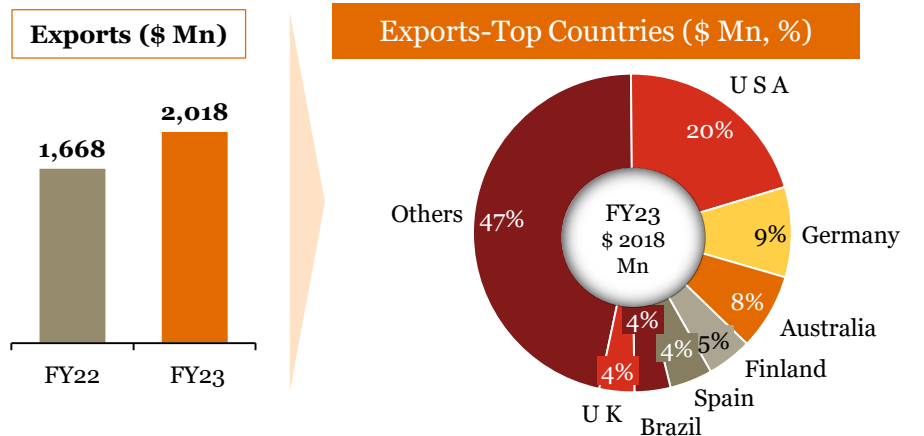
*For 219 HS codes

All periods mentioned are FY

*For 218 HS codes

Chapter 85

Electrical machinery and equipment and parts thereof



Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
85030090	Other	951	U S A	245
			Finland	91
			Australia	151
85443000	Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships	266	U S A	39
			U K	45
			Japan	31
85114000	Starter motors and dual purpose starter-generators	166	U S A	28
			U K	17
			Germany	21

Top 3 Import Items

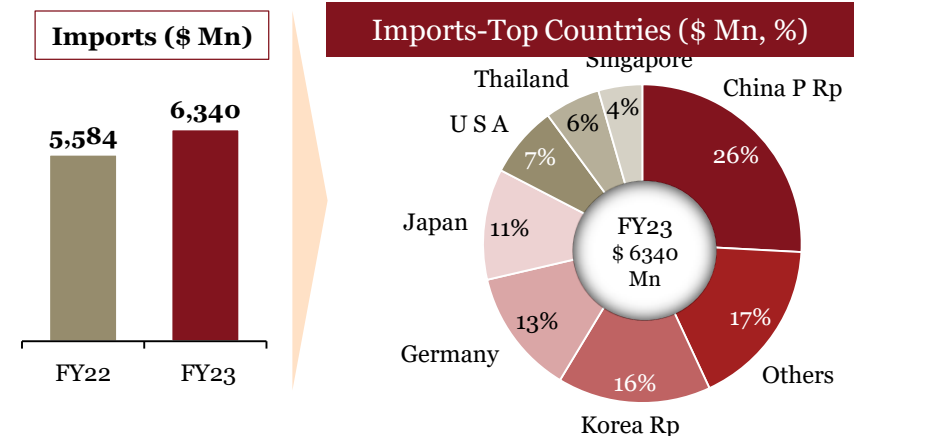
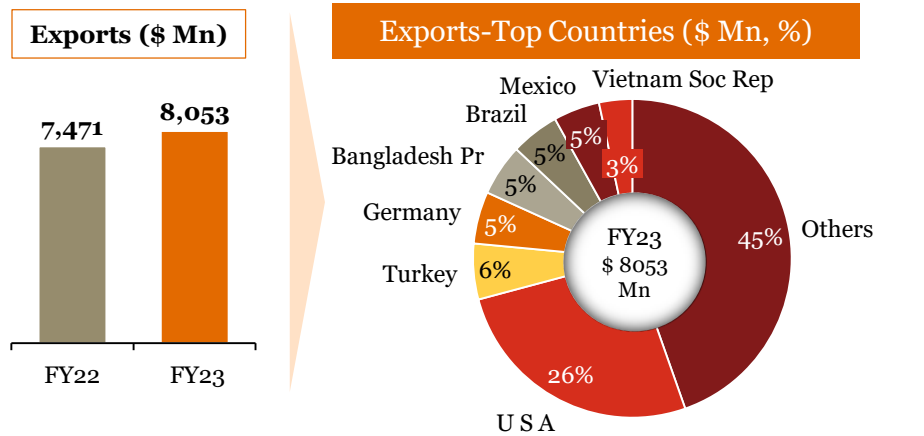
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
85030090	Other	566	China P Rp	434
			Germany	26
			Spain	13
85013119	DC motors :Other	251	China P Rp	137
			Japan	20
			Germany	13
85011019	DC motor :Other	199	China P Rp	83
			Korea Rp	20
			Hong Kong	16

*For 219 HS codes

All periods mentioned are FY
*For 218 HS codes

Chapter 87

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



Top 3 Export Items

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)	3185	USA	873
			Mexico	219
			Germany	207
87083000	Brakes and servo-brakes; parts thereof	697	USA	335
			Germany	50
			Mexico	36
87085000	Drive-axles with differential, whether or not provided with other transmission components, non-driving axles; parts thereof	691	USA	285
			Italy	50
			Germany	42

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
87089900	Other: Motor vehicle parts (Reservoir for Hydraulic Power Steering Systems+Steering Gear Systems and Parts)	2011	China P Rp	512
			Germany	302
			Korea Rp	259
87084000	Gear boxes and parts thereof	1297	Japan	368
			Korea Rp	366
			China P Rp	86
87082900	Other parts and accessories of bodies (including cabs) :Other	617	Korea Rp	163
			China P Rp	158
			Germany	89

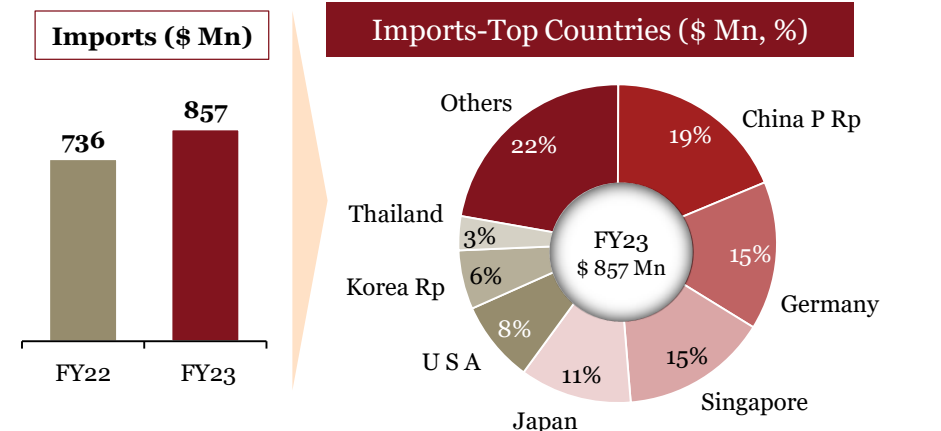
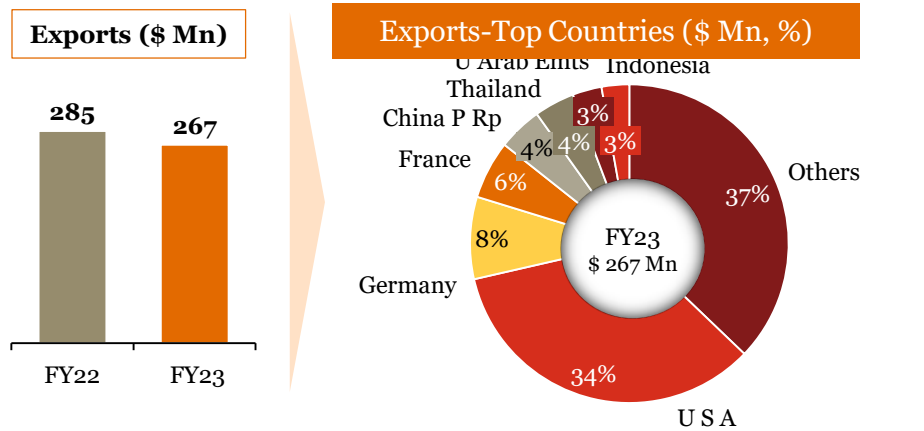
All periods mentioned are FY

*For 218 HS codes

*For 219 HS codes

Chapter 90

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



Top 3 Export Items

Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
90328990	Other	171	USA	61
			Thailand	11
			China P Rp	10.00
90319000	Other optical instruments and appliances :Parts and accessories (Measuring & Checking Insturments -Sensors)	79	USA	28
			Germany	14
			France	8
			Korea Rp	4
90292020	Speedometers, non-electrical	10	Turkey	3
			Italy	0.38

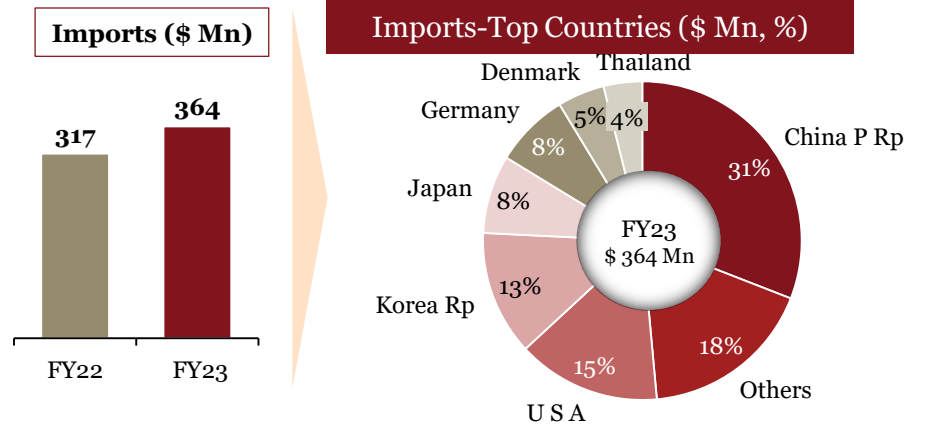
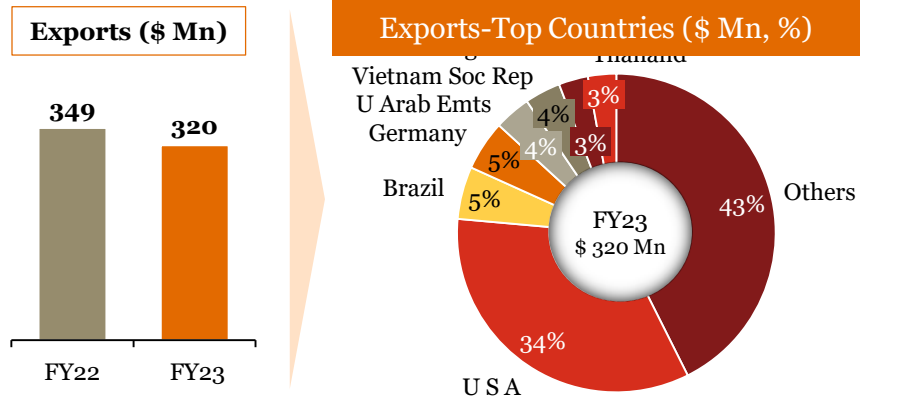
HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
90328990	Other	613	China P Rp	127
			Singapore	121
			Germany	89
			Japan	50
90319000	Other optical instruments and appliances :Parts and accessories (Measuring & Checking Insturments -Sensors)	225	Germany	37
			China P Rp	32
			Canada	2
90158030	Geophysical instruments	8	Australia	1
			Switzerland	1

*For 219 HS codes

All periods mentioned are FY
*For 218 HS codes

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

Multiple Chapters



Top 3 Export Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
70099200	Other : Framed	59	USA	41
			U K	3
			France	3
68138100	Brake linings and pads (Not containing Asbestos)	59	USA	25
			Saudi Arab	3
			U Arab Emts	2
83012000	Locks of a kind used for motor vehicles	68	USA	16
			Thailand	6
			Brazil	6

Top 3 Import Items

HS Codes	Description	Value (\$ Mn)	Country	Value (\$ Mn)
94012000	Seats of a kind used for motor vehicles	89	USA	27
			China P Rp	24
			Germany	12
83023090	Other	43	Korea Rp	19
			China P Rp	8
			USA	4
72125090	Other	42	Japan	11
			Denmark	11
			China P Rp	5

*For 219 HS codes

All periods mentioned are FY
*For 218 HS codes



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