

## Material Procurement Forecast

The following are lists of the annual average performance in the procurement of items, being purchased on a regular basis, for a time period spanning the past 3 years. We will continue to procure the listed items(except some parts) in fiscal 2023.

Category	Item	The Annual average procurement (unit:Million Yen)
Facilities-related goods	Rails	854
	Rail appurtenances	1,463
	Sleepers	487
	Turnout items	422
	Other railroad facility stock items	282
Rolling stock-related goods	Rail cars(Shinkansen)	1,765
	Bogies	337
	Internal combustion car items	666
	Axle items	408
	Electrical parts for cars	1,630
	Car brake items	298
	Other rolling stock items	988
	steam locomotive items	0
	Rail cars	8,597
Signaling and communication-related goods	Mechanical signal equipments	17
	Electric signal equipments	2,500
	Communication systems	1,456
Electric-related-goods	Power stations and substations	511
	Transformers	117
	Electric light and power items	76
	Power poles, pylons, and steel structures	7
	Electric line items	141
	Electric lines and cables	134
	Other electric items	272
Metal industrial goods	Steel materials	4
	Special steel	0
	Non-ferrous metal	4
	Metal pipings	1
	Secondary wire-rod product	41
Fuel,timber,and chemical products	Coal	5
	Fuel oil	1,008
	Lubricating oils	52
	Timber	1
	Paints	83
	Glass products	22
	Rubber and plastic products	1
	Industrial chemicals	223
Manufacturing machinery	Motor machinery	4
	Machine tools	2
	Production machinery	24
	Cargo handling machinery	2
	Civil engineering machinery	695
	Testing machinery	653
	Office and stationery supplies	100
	Test measurement devices	69
	Working tools	209
Various supplies	Uniforms	54
	Welfare items	4
	Sales operations items	3
	Securities and paper records	243
	Stationery supplies	2
	Working tools	27
	Other items	21