

# Type of Trains

rail-riding vehicles

## I . Passenger trains

- Long distance trains

Usually cover up to 500 miles ( some routes include several countries )

Type of Trains.jpeg

- High Speed Rail ( AKA. High Rail , Bullet Train )

These can go at speed above 200 k/h

Type of Trains\_1.jpeg

- Inter-City Trains

These are generally long distance and sometimes provide international services as well .

Type of Trains\_2.jpeg

- Regional trains

These trains connect stops between nearby cities . They usually make more stops over a shorter distance than inter-city trains .

Type of Trains\_3.jpeg

- Short distance trains

They are designed to carry more passengers . They are often equipped with hand rails and hanging handles for standing passengers .

Type of Trains\_4.jpeg

- Commuter , Suburban trains

The main purpose is to take passengers to and from work .  
They connect a city area with the suburbs where most employees live .

Type of Trains\_5.jpeg

- Within City , City train , Urban train

Urban trains are used for mass-transporting people within megapolis areas .

Type of Trains\_6.jpeg

Tram / Street car

A one or two car rail vehicle that usually runs on public streets preferably but not always in historical parts of the city center .

Type of Trains\_7.jpeg

- Light Rail

Light rail is a mixture of a tram and train . They are more likely to contain 3-4 cars and have separated paths similar to heavy-line railways .

Type of Trains\_8.jpeg

- Monorail

These trains have one single track or beam which is mostly set pretty high overhead .

Type of Trains\_9.jpeg

- Maglev ( Magnetic Levitation )

Maglev is train system that uses frictionless magnetic pad for supporting the cars and moving magnetic field to propel the train . This isn't a common type due to high cost of production and that the benefits of these trains don't overcome cost and risk they pose .

Type of Trains\_10.jpeg

- Railcar , Motorcar , rail-motor coach

A single car , self-propelled vehicle that is also sometimes capable of towing other cars . They are usually fitted with diesel engines as the main means of traction.

Type of Trains\_11.jpeg

- Named trains

Prestigious trains that were given names by railway companies . Some of the most famous are The Flying Scotsman , The Deccan Queen , Orient Express .

Type of Trains\_12.jpeg

- Automated People Mover ( APM ) trains

A small scale guide-way transit system used in small areas like airports , theme park etc .

Type of Trains\_13.jpeg

## II. Freight Trains

AKA. Goods trains , cargo trains

Many types of freight trains are used to carry goods and materials .

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