



Transportation

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1 Transportation

Transportation is a system for moving passengers or goods from one place to another.

Now a day's transportation has become an essential thing. It helps to connect the people around the world. This is also a fundamental feature that has led to the development of trade.

1.1. Main Components of Transportation System

- Way – Highways, railways, airways, Cables
- Mode- Motor Vehicles, carts, trains, boats, ships, airplane
- Power – people power, animal power, wind, fuel, electricity
- Terminals – bus stands, railway stations, airports.

1.2. Features of a good transportation system.

- Speed
- Safety
- Cost effective
- Sufficient capacity
- Good standard in the procedures
- Legal aspect- license, road rules, regulations etc.

Following table shows the advantages and disadvantages of main four modes (Rail, road, maritime and air) of transportation. Good features of transportation are analyzed for these modes in the following table.

Rank	Cost effective	Speed	Safety	Capacity	Availability and easy access
1 best	Maritime	Air	Air	Maritime	Road
2	Rail	Road	Road	Rail	Rail
3	Road	Rail	Rail	Air	Air
4 least useful	Air	Maritime	Maritime	Road	Maritime