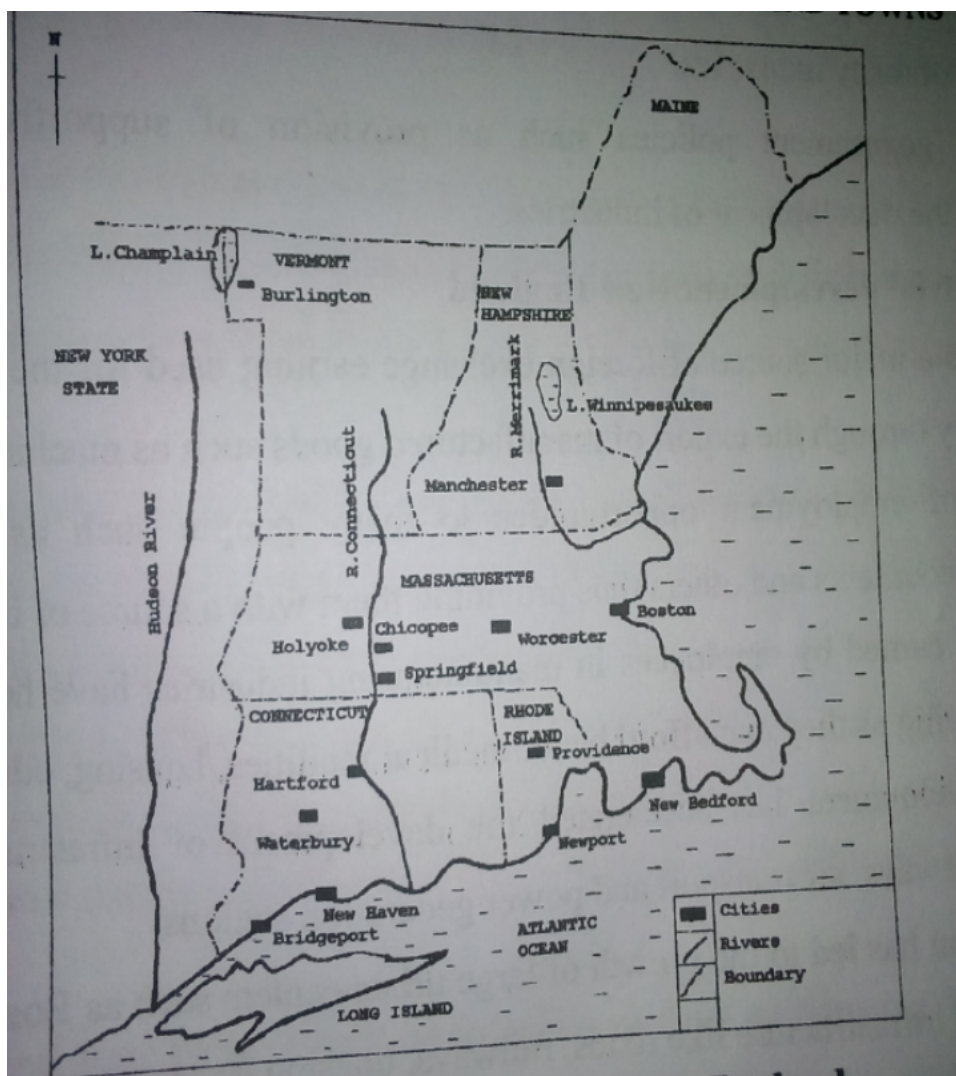


INDUSTRIAL/MANUFACTURING SECTOR IN NEW ENGLAND.

NEW England is highly developed with major industries like food processing industries, textile industries, engineering industries, chemical industries, oil refinery industries, auto mobile industries etc .

Major industrial areas include Boston, New Bedford, Hartford, Holyoke.

A SKETCH MAP OF NEW ENGLAND SHOWING MAJOR INDUSTRIAL CENTRES.



FACTORS OR CONDITIONS WHICH HAVE FAVOURED THE DEVELOPMENT AND GROWTH OF MANUFACTURING INDUSTRIES IN NEW ENGLAND.

Physical factors.

* presence of large water bodies around New England e.g Atlantic ocean,R.connecticut which provides water used to cool the industrial machines.

* Presence of favourable climatic conditions in New England e.g ice free seasons that favours smooth running of industrial activities e.g oil drilling throughout the year

* Presence of numerous rivers in New England eg r.connecticut which are used to generate HEP to run mining machines in industrial centres e.g Boston, New Bedford etc.

The example
should be o
river not ind

* Variety of valuable and commercial mineral deposits e.g coal,iron ore, natural gas which has helped manufacturing industry to compete on world market.

* Large extensive land in New England e.g in Boston which is used to set up industrial park centres and to expand industries.

* Presence of raw material in industrial centres in New England eg iron ore, agricultural products which are used in industries to manufacture other products .

numerous/
adequate
raw
materials

Human factors.

* Skilled labour in New England eg industrial managers, machine operators, marketing manager who have helped to do work in industries.

* Sufficient capital in New England e.g from government and investors which has been used to pay workers,taxes and buying machines used in manufacturing industries.

* Efficient and reliable transport networks in New England e.g railway lines,roads which are used to connect centres e.g Boston Holyoke to market areas.

* Favourable and supportive government policy in New England e.g tax holiday, issuing of manufacturing license to companies which have helped to attract investors and market to industries.

* Presence of wide and ready market in New England e.g domestic and international levels eg Europe, Asia which has helped to buy industrial products.

* Advanced and modern technology in New England e.g use of machinery which have simplified work and production in industries.

* Sufficient power supply in New England e.g HEP generated from rivers like r.connecticut which is used to run machines in industries.

* Intensive industrial research in New England e.g on market control which has helped to improve on quality of industrial production.

* Political stability in New England e.g police that keep law and order which has attracted investors and market to industries.

CONTRIBUTIONS/IMPORTANCE/BENEFITS OF INDUSTRIAL SECTOR TO THE DEVELOPMENT OF NEW ENGLAND.

* It has provided employment opportunities to the people of New England e.g industrial Managers, drivers which has earned them income.

leading to improved standard of living

* Industrial sector has provided raw materials to industries e.g mineral processing industries e.g iron and steel industries which has been used to manufacture other products e.g metals.

* It has generated revenue to the government of New England which has been used to development infrastructures like roads, schools and hospitals.

* industrial sector has promoted infrastructural developments in New England e.g school roads which have improved standards of living in New England.

* It promoted diversification of the economy in New England e.g setting up of industrial centres national wide which has reduced on over depending on few sectors in New England.

*Industrial sector has promoted urbanisation in New England e.g through infrastructural developments like roads this has led to development in the country like in Boston, Holyoke

* It has promoted foreign exchange and currency in New England e.g with Europe, Asia which has helped to settle international debts and infrastructural developments.

* industrial sector has promoted international relations between New England with others like Europe Asia which has helped to promote peace and unity in the region.

* It has provided market to others sectors in New England e.g agricultural industry which has helped others sectors earn income for development.

* industrial sector has promoted the development of others sectors within the economy in New England e.g tourism which has encouraged development in New England.

* It has promoted education and research e.g Universities and colleges in New England which has helped students to acquire knowledge and skills about industrial Field.

PROBLEMS AND CHALLENGES FACED BY THE INDUSTRIAL SECTOR IN NEW England.

* Exhaustion of some valuable mineral deposits e.g iron ore which leads to their extinction ...exhaustion of r/m which disrupts production or leads to importing expensive raw materials

* Unfavorable climatic conditions e.g winter which interrupts industrial activities hence limiting production.

* Competition from other countries dealing in industrial products e.g Europe Asia which leads industrial sector to losses and limits production.

* High costs of transport in New England e.g railway lines which is expensive to construct and maintain hence high spending industrial companies.

* Limited skilled labour in industrial sector this has made work and production difficult in New England industrial sector.

* Unsupportive government policy e.g high taxation in New England which has discouraged investors and market to industrial sector.

* Occurrence of accidents while carrying out industrial activities in New England which has caused injuries and death hence discouraging production.

* Political instability especially from strikes among industrial workers discourage investors and market.

* Labour migration to other sectors e.g fishing which has slowed and discouraged the industrial activities.

* Low levels of technology e.g duplicated machinery which make work and production difficult in industrial sector.

* Competition within the economy with other sectors e.g fishing which leads to underfunding of industrial sector by the government and labor migration hence limiting production.

WAYS OF IMPROVING OR SOLUTIONS TO THE PROBLEMS FACED BY INDUSTRIAL SECTOR IN NEW England.

*Mechanisation such as use of machines should be used to solve the problem of shortage of skilled labour.

*Use of protective equipments like helmets,coloured clothes to minimize the occurrence of accidents on waters.

*Use of other sources of energy e.g solar HEP to solve the problem of over production and mineral exhaustion.

*Construction of modern transport networks to easy the transportation of mineral products to market centres e.g pipe lines.

*Modern advertisements to compete on the world market with other countries.

*Use of advanced technology to solve the problem of low levels of technology.

*Intensive research on mineral issues to improve on the quality of production and getting of market.

* Improvement on workers conditions in mining to solve the problem of labor migration.

PROBLEM RESULTING OR CAUSED BY THE INDUSTRIAL SECTOR TO THE HUMAN AND PHYSICAL ENVIRONMENT IN NEW ENGLAND.

Problems on the Human environment.

- ✓ Accidents occurrence during industrial activities leading to injuries and loss of lives.
- ✓ Labour migration in other sectors leading to labor shortage in other sectors eg fishing.
- ✓ rural urban migration which leads to over population in the mining towns.
- ✓ Displacement of people leading to creation of unplanned settlements eg slums.
- ✓ Regional imbalance in the country which leaves industrial towns more developed than other town without industries.

✓ urban related problems like prostitution which increase high crime rates in industrial towns.

✓ profit repatriation by foreigners which leaves the country underdeveloped.

Effects on the Physical environment

Problems on the Physical environment.

✓ Pollution by industries in form of air, water, sound and land pollution which cause diseases to the living organisms in the environment.

✓ Exhaustion of mineral deposits due to over production.

✓ Destruction of natural vegetation that leads to increased soil erosion, global warming.