

CHAPTER SEVEN

TRANSPORTATION

The year 1383 experienced a rise of investment in transportation sector, in a way that gross fixed capital formation grew by 19.7 percent (at constant 1376 prices) as compared with the previous year. A large portion of this investment was used for machinery, which accounted for 86.5 percent.

Utilization of external finance to provide machinery and railway equipment, encouragement of the private sector participation for the construction of free ways in the northern area of Mashhad, approval of Articles of Agreement and bilateral and multilateral memorandums of understanding in international transportation, and introduction of new special economic zones to perform external transit operations are among the measures taken by the government in this sector during the review year. These initiatives are expected to promote service rendering and create new opportunities for investment in this sector.

Macro-variables in the Transportation Sector

Based on the preliminary data, the value-added of transportation sector, at constant 1376 prices, grew by 3.3 percent in 1383 compared to the previous year and amounted to Rls. 29,308 billion. This was basically attributable to the growth in the value-added of road and air transportation sectors. The marked share of land transportation (road and rail) in the total value-added of transportation sector reached 89.8 percent. Moreover, the share of transportation sector in GDP fell from 6.4 percent in 1382 to 6.0 percent (at current prices) in 1383.

VALUE-ADDED OF TRANSPORTATION SECTOR
(at constant 1376 prices)

				Percentage change		Share (percent)	
	1381	1382	1383□	1382	1383	1382	1383
Air transportation	1,021	1,585	1,860	55.2	17.4	5.6	6.3
Sea transportation	945	1,121	1,125	18.6	0.4	3.9	3.8
Land transportation	25,146	25,675	26,323	2.1	2.5	90.5	89.8
Total	27,112	28,381	29,308	4.7	3.3	100.0	100.0

Transportation sector, with a share of 20.7 percent in total gross fixed capital formation at current prices, grew by 19.7 percent (at constant 1376 prices), which exceeded 15 percent growth of the previous year.

Reviewing the figures of capital formation in the transportation sector by construction and machinery in 1383 shows that, of the total Rls. 83.2 trillion investment at current prices, 83.9 percent was allocated to machinery, which grew by 21.0 percent at constant 1376 prices as compared to the previous year.

GROSS DOMESTIC FIXED CAPITAL FORMATION IN TRANSPORTATION SECTOR

(at constant 1376 prices)

(billion rials)

	1381	1382	1383□	Percentage change		Share (percent)	
				1382	1383	1382	1383
Machinery	22,361	25,711	31,104	15.0	21.0	85.6	86.5
Construction	3,776	4,341	4,871	15.0	12.2	14.4	13.5
Total	26,137	30,052	35,975	15.0	19.7	100.0	100.0

Government Investment

Based on the data released by the Treasury General, Rls. 9,411.4 billion was allocated to the road and transportation sector, showing 3.9 percent excess realization compared to the approved figure. The government payments to this sector indicated a decrease of 0.8 percent compared to that of the previous year.

GOVERNMENT ACQUISITION OF NON-FINANCIAL – NATIONAL ASSETS (DEVELOPMENT EXPENDITURES) IN ROAD AND TRANSPORTATION SECTOR AND TRANSPORTATION RESEARCH PROGRAM

(billion rials)

1381	1382	1383	Percentage change	
			1382	1383
3,779.7	9,491.3	9,411.4	151.1	-0.8

Source: Treasury General, Ministry of Economic Affairs and Finance

Goods and Passenger Transportation

Road Transportation

In 1383, road transportation, with respective shares of 92.0 percent of passengers and 76.0 percent of goods carried, constituted 5.4 percent of GDP at current prices. Review of the data related to road transportation shows that a total of 388.9 million tons of goods have been carried through roads in 1383. The goods carried per ton-kilometer was 110,618 million tons-kilometer in the review year, which shows 10.7 percent growth compared to the previous year. Meanwhile, about 9.1 million tons of goods have been transited ⁽¹⁾ through roads, showing 12.3 percent growth compared to the previous year.

In the review year, 409.3 million passengers were transported through roads, showing 1.2 percent growth compared to the previous year. The number of passengers per person-kilometer fell by 2.0 percent to 54.8 billion persons-kilometer, when compared to the previous year.

ROAD TRANSPORTATION

	1381▲	1382▲	1383	Percentage change	
				1382	1383
Goods transported (billion tons/km)	83.6	99.9	110.6	19.5	10.7
Goods transited (million tons) (1)	4.8	8.1	9.1	68.8	12.3
Passengers carried (billion persons/km)	52.0	55.9	54.8	7.5	-2.0

Source: Transportation and Terminals Organization

(1) Includes transit by road and swap.

(1) Includes land transit and swap.

According to the statistics released by the Police Department, 2,274 thousand vehicles were numbered, up by 18.0 percent, compared with the previous year. Reviewing the performance of road transportation fleet in 1383 shows that 231.9 thousand trucks for transporting goods and 69.0 thousand buses, minibuses and shuttles for transporting passengers were active in this sector.

ROAD TRANSPORTATION FLEET				(thousands)	
	1381	1382	1383	Percentage change	
				1382	1383
Truck	203.6	214.5	231.9	5.4	8.1
Bus (1)	18.1	16.7	16.8	-7.7	0.6
Minibus	40.3	41.2	41.9	2.2	1.7
Shuttle	8.1	8.7	10.3	7.4	18.4

Source: Transportation and Terminals Organization

(1) Excludes outdated buses.

Rail Transportation

According to the data released by the Railway Corporation of the Islamic Republic of Iran, a total of 29.5 million tons of goods were transported via railways in 1383, which grew by 2.4 percent compared to the previous year. The performance per ton-kilometer of transported goods indicated that 18.2 billion tons-kilometer were transported through railway, showing a growth of 0.6 percent compared with the previous year. The share of rail transportation out of total goods transported in the country was 5.8 percent in the review year.

The data related to transited goods indicate that, approximately 1.5 million tons of goods were transited via railways in 1383, registering 25.0 percent growth compared with the previous year. The ton-kilometer goods transited in this year was 2.7 billion tons, which grew by 8.0 percent compared to the previous year. According to the Raja Passenger Trains Corporation, the number of passengers carried through rail grew by 8.1 percent as compared with the previous year to reach 17.4 million passengers.

RAIL TRANSPORTATION					
	1381	1382	1383	Percentage change	
				1382	1383
Goods transported (billion tons/km)	15.8	18.1	18.2	14.6	0.6
Goods transited (billion tons/km)	1.8	2.5	2.7	38.9	8.0
Passengers transported (billion persons/km)	8.6	9.3	10.0	8.1	7.5

Source: Railway Corporation of the Islamic Republic of Iran

Air Transportation

In 1383, the total number of passengers carried by air reached 13.5 million persons, showing 2.3 percent growth compared with the previous year. The share of air transportation out of total passengers carried in 1383 remained almost unchanged at 3.0 percent as previous year.

AIR TRANSPORTATION					
	1381	1382	1383	Percentage change	
				1382	1383
Passengers carried (million persons)	11.9	13.2	13.5	10.9	2.3
Domestic flights	8.4	8.9	8.9	6.0	0.0
International flights	3.5	4.3	4.6	22.9	7.0
Goods carried (thousand tons)	85.5	117.4	120.3	37.3	2.5

Source: Ministry of Road and Transportation

Sea Transportation

With the expansion of infrastructures, anchoring and support installations, and the utilization of high-tech instruments, the nominal capacity of trade (non-oil) ports reached 60.0 million tons, showing 9.1 percent increase compared to the previous year. In this year, the capacity of sea transportation fleet amounted to 3.4 million tons, up by 13.2 percent compared to the year before.

Review of sea transportation in 13 ports showed that 7,782 cargo ships (with over 1,000 tons capacity), holding a total capacity of 86.8 million tons, entered the mentioned ports in 1383, of which, 2,240 were the Iranian and the remainder foreign. The figure indicates 4.4 percent traffic growth compared to the previous year. Cargo ships data show that, in total, 93.4 million tons of oil and non-oil commodities were loaded and unloaded in ports in 1383, up by 9.1 percent compared to the previous year. Reduction of transportation tariffs largely alleviated performance of sea transportation through meeting objectives such as preventing diversion of the Iranian cargo ships, expanding routes for shipping liners, encouraging the private sector participation to invest in port operations, reducing amount of traffic, avoiding additional expenses incurred upon cargo owners and combating hoarding of goods.

It is worth mentioning that the transportation of oil products is largely performed by the National Iranian Tanker Company, hence the statistics provided by the Ports and Shipping Organization cover only about 60 percent of sea transportation.

	PORTS CONTAINER TRAFFIC			(million tons)	
	1381	1382▲	1383	Percentage change	
				1382	1383
Non-oil goods	36.9	44.3	49.9	20.0	12.7
Unloading	26.9	31.8	33.7	18.2	6.2
Loading	10.0	12.5	16.2	25.0	29.2
Oil products	39.2	41.3	43.5	5.4	5.3
Unloading	19.7	22.9	25.4	16.2	10.8
Loading	19.5	18.3	18.1	-6.1	-1.6
Total	76.1	85.6	93.4	12.5	9.1

Source: Ports and Shipping Organization

	PERFORMANCE OF PORTS			(million tons)	
	1381	1382	1383	Percentage change ○	
				1382	1383
Oil tankers					
Import	3.2	4.2	6.4	31.2	52.3
Export	17.4	16.5	16.0	-5.2	-2.9
Transit	1.5	4.2	4.7	193.3	13.6
Cabotage	17.1	16.4	16.3	-4.1	-0.7
Non-oil cargo ships					
Import	26.0	30.5	31.4	17.3	3.0
Export	8.8	10.7	13.7	21.6	28.3
Transit	1.6	1.1	1.1	-31.2	1.8
Cabotage	1.0	1.9	3.7	90.0	81.8

Source: Ports and Shipping Organization

Review of the number of passengers embarking and landing at ports during the course of 1383 indicates a growth of 22.8 percent, bringing the total number to 4.6 million persons. Of this figure, 2.4 million were embarking passengers and the remainder were landing ones. The share of sea transportation out of total transportation reached one percent, up by 0.2 percentage points when compared with the previous year.

PERFORMANCE OF PORTS BY PASSENGER TRAFFIC				(thousand persons)	
	1381	1382	1383	Percentage change	
				1382	1383
Embarking	1,341	1,938	2,403	44.5	24.0
Landing	1,187	1,775	2,155	49.5	21.4
Total	2,528	3,713	4,558	46.9	22.8

Source: Ports and Shipping Organization