

CHAPTER SEVEN

TRANSPORTATION

Based on preliminary data, the value-added of transportation sector in 1382 at constant 1376 prices, increased to Rls. 28,381 billion, showing a growth of 4.7 percent compared with the previous year. Land transportation with a share of 89 percent in the total value-added of this sector contributed greatly to the growth of the value-added. Moreover, the share of this sector out of gross domestic product is equal to 6.4 percent at current prices which remained unchanged as compared to the previous year.

VALUE-ADDED OF TRANSPORTATION SECTOR

(at current prices)

(billion rials)

	1380	1381	1382□	Percentage change		Share (percent)	
				1381	1382	1381	1382
Air transportation	2,384	2,966	3,719	24.4	25.4	5.3	5.3
Sea transportation	3,536	3,297	4,134	-6.8	25.4	5.9	5.9
Land transportation	42,576	49,862	62,527	17.1	25.4	88.8	88.8
Total	48,496	56,125	70,380	15.7	25.4	100.0	100.0

Data related to gross fixed capital formation by economic sectors shows that transportation sector by absorption of 16.2 percent of total capital formation at current prices, enjoyed 10 percent growth at constant 1376 prices.

Review of the data of transportation sector's capital formation by construction and machinery shows that the highest amount of investment has been made in machinery, so that out of total Rls. 51.7 trillion investment at current prices, about 84.5 percent was allocated to machinery.

GROSS DOMESTIC FIXED CAPITAL FORMATION IN TRANSPORTATION SECTOR

(at current prices)

(billion rials)

	1380	1381	1382□	Percentage change		Share (percent)	
				1381	1382	1381	1382
Machinery	26,019	36,022	43,719	38.4	21.4	83.4	84.5
Construction	3,891	7,158	8,029	84.0	12.2	16.6	15.5
Total	29,910	43,180	51,748	44.4	19.8	100.0	100.0

Government Investment

Based on the Treasury data in 1382, a total of Rls. 9,491.3 billion was allocated to road and transportation sector, which compared to the approved figure was realized by 96 percent. The facilities extended to this sector show 151.1 percent growth compared with the previous year.

Road Transportation

In 1382, road transportation with respective shares of 92.4 percent of passengers and 75.3 percent of goods carried, constituted 5.5 percent of gross domestic product at current prices. Review of the data related to road transportation shows that a total of 348.1 million tons of goods have been carried through in 1382. The cargo carried per ton-kilometer was 99,914 million tons-kilometer in the review year which showed 19.5 percent growth compared to the previous year. About 3 million tons of goods have been transited through roads, which shows 11.1 percent growth compared to the previous year. With the inclusion of goods transited to Afghanistan and Iraq and also swap transactions, total goods transited through roads are estimated at 6,896.3 million tons which shows a rise of 72.4 percent compared to the previous year.

In the review year, 404.3 million passengers were transported through roads, showing 3.9 percent growth compared to the previous year. The number of passengers per person-kilometer, in this year, equaled 55.9 billion persons-kilometer, showing a rise of 7.5 percent compared to the previous year.

ROAD TRANSPORTATION

	1380	1381	1382	Percentage change	
				1381	1382
Goods transported (billion tons/km)	78.7	83.6	99.9	6.2	19.5
Goods transited (million tons)	2.1	2.7	3.0	28.6	11.1
Passengers carried (billion persons/km)	51.5	52.0	55.9	1.0	7.5

Source: Transportation and Terminals Organization

Reviewing performance of road transportation fleet in 1382 shows that 214.5 thousand trucks for transporting goods and 66.6 thousand buses, minibuses and shuttles for transporting the passengers were active in this sector.

ROAD TRANSPORTATION FLEET

(thousands)

	1380	1381	1382	Percentage change	
				1381	1382
Truck	196.2	203.6	214.5	3.8	5.4
Bus	19.0	18.1	16.7	-4.7	-7.7
Mini bus	39.1	40.3	41.2	3.0	2.2
Shuttle	7.0	8.1	8.7	15.7	7.4

Source: Transportation and Terminals Organization

Rail Transportation

According to the data released by the Railway Corporation of Islamic Republic of Iran, a total of 28.8 million tons of goods were transported via railways in 1382 which compared to the previous year, showed 8.7 percent growth. The performance per ton-kilometer of transported cargo indicated that 18.1 billion tons-kilometer were transported through railway, indicating a growth of 14.5 percent compared with the previous year. The share of rail transportation out of total goods transported in the country in review year was 6 percent which shows a 0.6 percent reduction.

Data related to transited goods denotes that about 1.2 million tons of goods were transited via rail in the review year which registered 48.1 percent growth compared with the previous year. The ton-kilometer goods transited in this year was 2.5 billion tons, which grew by 38.9 percent compared to the previous year. According to the Raja Passenger Trains Corporation⁽¹⁾, the number of passengers carried through rail grew by 13.3 percent as compared with the previous year to reach 16.2 million passengers.

(1) This corporation was established in 1370 and has been active in carrying passengers through railway since then.

RAIL TRANSPORTATION

	1380	1381	1382	Percentage change	
				1381	1382
Goods transported (billion tons/km)	14.6	15.8	18.1	8.2	14.5
Goods transited (billion tons/km)	1.1	1.8	2.5	63.6	38.9
Passengers transported (billion persons/km)	8.0	8.6	9.3	7.5	8.1

Source: Ministry of Road and Transportation

Air Transportation

In 1382, total passengers carried by air reached 13.2 million, showing 10.9 percent growth compared with the previous year. The share of air transportation out of total passengers carried in 1382 was 3 percent, indicating 0.2 percentage point decline compared with the previous year.

AIR TRANSPORTATION

	1380	1381	1382	Percentage change	
				1381	1382
Passengers carried (million persons)	11.6	11.9	13.2	2.6	10.9
Domestic flights	8.6	8.4	8.9	-2.3	6.0
International flights	3.0	3.5	4.3	16.7	22.9
Goods carried (thousand tons)	83.0	85.5	117.4	3.0	37.3

Source: Ministry of Road and Transportation

Sea Transportation

In 1382, the nominal capacity of ports due to utilization of improved operational methods and modern equipments rose by 2.2 percent to 55 million tons compared to the previous year. The capacity of sea transportation fleet was about 3 million tons, which declined by 7.1 percent compared with the previous year. The container operations in commercial ports due to increase in imports grew by 42.2 percent from 810 thousand twenty-foot equivalent units (TEU) in 1381 to 1,152 thousand TEU in 1382.

During the review year, sea transportation in 14 ports showed that 7,433 buoys with over 1,000 tons capacity were entered these ports, among them 2,120 buoys were Iranian and the remainder were foreign buoys. The figure indicates 24 percent growth compared to the previous year. Data related to the activity of buoys in 1382 shows that in total 85.5 million tons of oil and non-oil commodities were loaded and unloaded in ports, up by 12.3 percent compared to the last year.

PORTS CONTAINER TRAFFIC

	1380	1381	1382	(million tons) Percentage change	
				1381	1382
Non-oil goods	39.0	36.9	44.2	-5.4	19.8
Unloading	28.8	26.9	31.7	-6.6	17.8
Loading	10.2	10.0	12.5	-2.0	25.0
Oil products	36.3	39.2	42.3	8.0	5.4
Unloading	18.1	19.7	22.9	8.8	16.2
Loading	18.2	19.5	18.4	7.1	-5.6
Total	75.3	76.1	85.5	1.1	12.3

Source: Ports and Shipping Organization

Review of data related to the performance of ports on imports, exports and transit in 1382 shows that total goods imported by oil and non-oil buoys via the ports were 4.2 and 30.5 million tons, showing 31.2 and 17.3 percent growth, respectively compared to the previous year. Based on the mentioned data, total exports of commodities via ports, by oil and non-oil buoys, were 16.5 and 10.7 million tons, respectively indicating a reduction of 5.2 and an increase of 21.6 percent, respectively. Moreover, total commodities transited by buoys surged by 77.4 percent to 5.5 million tons. The growth of transited goods by oil buoys put a significant impact on growth of total commodities transited via ports.

PERFORMANCE OF PORTS				(million tons)	
	1380	1381	1382	Percentage change	
				1381	1382
Oil buoys					
Import	2.3	3.2	4.2	39.1	31.2
Export	15.7	17.4	16.5	10.8	-5.2
Transit	0.6	1.5	4.4	150.0	193.3
Cabotage (1)	17.7	17.1	16.4	-3.4	-4.1
Non-oil buoys					
Import	27.8	26.0	30.5	-6.5	17.3
Export	9.3	8.8	10.7	-5.4	21.6
Transit	1.3	1.6	1.1	23.1	-31.2
Cabotage	0.6	1.0	1.9	66.7	90.0

Source: Ports and Shipping Organization

(1) Cross ports operations in goods transportation from one point to another via sea or border river in the same country

Review of passenger traffics in 8 ports of the country in 1382 indicates that 3.7 million passengers were shipped via the ports, which compared to the previous year shows 46.9 percent growth.

PERFORMANCE OF PORTS BY PASSENGER TRAFFIC				(thousand persons)	
	1380	1381	1382	Percentage change	
				1381	1382
Entering	1,247	1,341	1,938	7.5	44.5
Exiting	1,113	1,187	1,775	6.6	49.5
Total	2,360	2,528	3,713	7.1	46.9

Source: Ports and Shipping Organization

Price Indices

Consumer Price Index (CPI) of Transportation Sector in Urban Areas

Based on the data of CPI in urban areas, transportation index reached 215.9 (at constant 1376 prices) in 1382, showing 13.9 percent growth compared to the previous year.

CONSUMER PRICE INDEX OF TRANSPORTATION SECTOR IN URBAN AREAS				(1376=100)	
	1380	1381	1382	Percentage change	
				1381	1382
Transportation	172.1	189.6	215.9	10.2	13.9
Private transportation	160.2	172.4	189.6	7.6	10.0
Public transportation	205.1	237.5	288.6	15.8	21.5

Producer Price Index (PPI) of Transportation Sector in Urban Areas

In 1382, the producer price index (at constant 1376 prices) in land transportation group which had the highest share (9.383 percent) reached 268.8, showing 20.9 percent growth compared to the previous year. The growth of this index is higher than 15.7 percent growth of the general producer price index.

PRODUCER PRICE INDEX OF TRANSPORTATION SECTOR IN URBAN AREAS

(1376=100)

	1380	1381	1382	Percentage change	
				1381	1382
Land transportation	185.7	222.3	268.8	19.7	20.9
Rail transportation	176.0	186.9	228.1	6.2	22.0
Road transportation	182.0	220.5	264.3	21.2	19.9
Sea transportation	264.5	263.3	264.1	-0.5	3.0
Air transportation	271.4	304.7	336.7	12.3	10.5