

regulations of the O&M Company, we used the rules and regulations of Japanese urban railway companies as the base and rearrange them into an easy-to-understand reference guide. It was then translated into Vietnamese.

## 7. Future prospect

Due to the procedure for approving increase to the construction

cost of Urban Railway Line 1 in Ho Chi Minh City, the project was running late. Now that the work is about to restart, activities to set up the PUC will gain momentum.

In Hanoi, the various Urban Railway lines 1, 2a, 2, and 3 are in the phases of preparing bidding documents or under construction. Hanoi has also begun the review for setting up an O&M Company. It is hoped that Ho Chi Minh's experience can be useful for Hanoi.

## FACTS & ANALYSIS

### Change of the proportion of labor costs and capital costs to revenue

Units: %

FY	Category	Proportion of labor costs				Proportion of capital costs	
		JRs	Main private railways	Secondly railways	Public railways	JRs	Main private railways
1993		32.8	40.6	64.2	48.8	35.5	29.7
1994		34.5	38.4	63.2	47.4	34.4	30.4
1995		34.1	40.0	53.0	43.2	32.8	28.8
1996		34.2	38.0	53.4	47.9	30.7	26.8
1997		35.0	41.5	57.7	45.4	30.5	27.2
1998		35.8	39.9	53.7	44.5	31.5	27.1
1999		35.7	40.3	56.9	45.8	31.3	26.2
2000		36.5	39.9	49.3	43.4	30.2	25.9
2001		35.2	38.1	47.3	42.4	28.7	26.3
2002		34.0	37.1	44.6	40.4	27.8	25.1
2003		33.0	34.1	41.5	38.2	26.9	24.9
2004		32.0	31.7	42.3	36.2	26.5	28.1
2005		30.6	31.4	39.8	33.9	24.5	30.3
2006		29.5	32.6	33.0	33.3	23.2	32.2
2007		28.9	29.8	36.3	32.3	21.5	28.2
2008		28.8	30.3	34.3	30.8	22.7	29.8
2009		27.4	28.8	30.9	33.0	20.8	27.7

Notice: Capital costs are composed of depreciation costs and payment interests.

Reference: "Railway facts and figures 2011" Institute for Transport Policy Studies

### Change of productivity

Item	FY	1985	1995	2005	2008
		Transportation revenue	Million ¥	4,248,359	5,850,263
	%	100	138	139	145
Passengers carried	Million person	18,989	22,719	22,042	23,073
	%	100	120	116	122
Vehicle run kilometer	Million km	6,113	7,727	8,164	8,392
	%	100	126	134	137
Number of employees	Thousand person	377	261	209	204
	%	100	69	55	54
Revenue per person	Thousand ¥	11,607.5	22,802.6	29,521.9	30,269.1
	%	100	196	254	261
Passengers carried per person	Thousand person	50.4	87.0	111.6	111.8
	%	100	173	222	222
Vehicle run km per person	Thousand km	16.2	29.6	40.3	41.2
	%	100	183	249	254

Reference: "Railway facts and figures 2011" Institute for Transport Policy Studies