



## On Track for World No. 1

Annual Report 2004 For the year ended March 31, 2004



### Profile

- >> JR East is the largest passenger railway company in the world, serving about 16 million passengers daily.
- >> JR East alone provides nearly half of the huge volume of railway transportation in the Tokyo metropolitan area.
- >> JR East operates a five-route Shinkansen network between Tokyo and major cities in eastern Honshu (mainland).
- >> JR East's strong and stable core transportation business contributes more than 70% of operating revenues.
- >> JR East has the ability to leverage passenger traffic and railway assets to develop non-transportation businesses.
- >> JR East has abundant and stable cash flow.





JR EAST RAILWAY NETWORK AROUND TOKYO



2 stations: More than 1,000,000 passengers / day
4 stations: More than 500,000 passengers / day
3 stations: More than 400,000 passengers / day
24 stations: More than 200,000 passengers / day

Forward-Looking Statements

Statements contained in this report with respect to JR East's plans, strategies, and beliefs that are not historical facts are forward-looking statements about the future performance of JR East which are based on management's assumptions and beliefs in light of the information currently available to it. These forward-look ing statements involve known and unknown risks, uncertainties and other factors that may cause JR East's actual results, performance or achievements to differ

materially from the expectations expressed herein. These factors include, without limitation, (i) JR East's ability to successfully maintain or increase current passenge levels on railway services, (ii) JR East's ability to improve the profitability of railway and other operations, (iii) JR East's ability to expand non-transportation operations and (iv) general changes in economic conditions and laws, regulations and government policies in Japan.

#### Position



#### 🖊 International Railway Comparisons 🚄

Annual Number of Passengers (Millions)



#### Annual Passenger Kilometers (Millions) JR East's Tokyo Metropolitan Area Network 76,278 Tobu Other 12,747 Tokyo Metro 16,043 Seibu 8,699 Toei 4,999 Odakyu 10,454 Keisei 3,483 -/ Tokyu 9,290 Keihin 6,151 Keio 7,031

#### 🛛 Tokyo Area Comparisons 🖌

Population Density (Per Square Kilometer)





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#### Contents

Sagami **2,645** 

> Financial Highlights	2
> JR East at a Glance	3
> Message from the Management	4
> Group Policies	5
> An Interview with the President	6
>> New Frontier 21	8
> Corporate Governance	14
> Board of Directors and Corporate Auditors	16
> Organization	17
> Operational and Other Risk Information	18
> Corporate Social Responsibility	26
> On Track for World No. 1	29
» Suica	
>>> Technology Development	32
rener of operations	34
>> Transportation	
>>>> Shinkansen Network	
>>>> Tokyo Metropolitan Area Network	
>>>> Intercity and Regional Networks	40
>>>> Travel Agency Services	40
>> Non-Transportation	
>>>> Station Space Utilization	
>>>> Shopping Centers & Office Buildings	
>>>> Other Services	46

>	Financial Section	
	>>> Eleven-Year Summary	48
	>> Management's Discussion and Analysis of	
	Financial Condition and Results of Operations	50
	>> Consolidated Balance Sheets	56
	>> Consolidated Statements of Income	58
	>>> Consolidated Statements of Shareholders' Equity	59
	>> Consolidated Statements of Cash Flows	60
	>> Notes to Consolidated Financial Statements	61
	>> Independent Auditors' Report	74
>	Corporate Section	
	Consolidated Subsidiaries and Equity Method	
	Affiliated Companies	75
	>>> JR East Background	78
	>>> JR East in Perspective	80
	>>> Glossary	93
	>> Stock Information	94
	>> Corporate Data, For Inquiries	95

#### **Financial Highlights**

East Japan Railway Company and Subsidiaries Years ended March 31, 2002, 2003, and 2004

		Millions of Yen (except for per share data)		Percent Change	Millions of U.S. Dollars (except for per share data)
	2002	2003	2004	2004/2003	2004
For the Year					
Operating revenues	¥2,543,378	¥2,565,671	¥2,542,297	-0.9%	\$23,984
Operating income	316,340	343,095	351,420	+2.4	3,315
Net income	47,551	97,986	119,866	+22.3	1,131
Depreciation	321,995	322,564	322,300	-0.1	3,041
Cash flows from operating activities	455,045	433,304	387,061	-10.7	3,651
Free cash flows*	349,400	236,882	152,470	-35.6	1,438
Amount per share of common stock (yen and U.S. dollars):					
Earnings	¥ 11,888	¥ 24,453	¥29,928	+22.4%	\$282
Cash flows from operating activities	113,761	108,347	96,784	-10.7	913
At Year-End					
Total assets	¥7,022,271	¥6,853,403	¥6,781,692	-1.0%	\$63,978
Long-term debt					
(including current portion)	2,060,838	1,942,983	1,940,321	-0.1	18,305
Long-term liabilities incurred for purchase of					
railway facilities** (including current portion)	2,318,997	2,174,581	2,034,203	-6.5	19,191
Total long-term debt (sum of two items above)	4,379,835	4,117,564	3,974,524	-3.5	37,496
Total shareholders' equity	930,746	981,856	1,100,176	+12.1	10,379
		Percent			
Financial Ratios					
Net income as a percentage of revenues	1.9%	3.8%	4.7%		
Return on average equity (ROE)	5.1	10.2	11.5		
Ratio of operating income to average assets (ROA)	4.4	4.9	5.2		
Equity ratio	13.3	14.3	16.2		
Debt-to-equity ratio	650.7	594.6	513.7		

\* Net of cash flows from operating activities and cash flows from investing activities

\*\* Long-term liabilities incurred for purchase of the Tohoku and Joetsu Shinkansen facilities, the Akita hybrid Shinkansen facilities, and the Tokyo Monorail facilities



Notes: 1. Yen figures have been translated to U.S. dollars at the rate of ¥106 to US\$1 as of March 31, 2004, solely as a convenience to readers. 2. There were 96 consolidated subsidiaries as of March 31, 2000, 96 in 2001, 101 in 2002, 101 in 2003, and 98 in 2004.





TRANSPORTATION

JR East's 7,526.8-kilometer rail network (excluding Tokyo Monorail) covers the eastern half of Honshu (mainland), including the Tokyo metropolitan area. JR East operates a transportation business whose mainstay is passenger transportation by railway through the use of this very profitable network. In fiscal 2004, ended March 31, 2004, transportation operating revenues were ¥1,798.1 billion (\$16,963 million) and operating income was ¥262.8 billion (\$2,479 million).





STATION SPACE UTILIZATION

**SHOPPING CENTERS & OFFICE BUILDINGS** 

About 16 million passengers embark at JR East's stations every day. Station space utilization offers retailing and restaurant services to these customers through outlets at stations and sales inside trains. Station space utilization operating revenues were ¥366.4 billion (\$3,457 million) and operating income was ¥27.2 billion (\$256 million) in fiscal 2004.





JR East leases space to retailers and other tenants in shopping centers and office buildings developed on property already owned by JR East within or near station premises throughout its service area. Shopping centers & office buildings operating revenues were ¥175.2 billion (\$1,653 million) and operating income was ¥46.3 billion (\$437 million) in fiscal 2004.





#### OTHER SERVICES

JR East conducts a number of other business activities, most of which are aimed at leveraging the customer base at railway station and other facilities of its core passenger railway business. Major businesses in the other services segment include advertising and publicity, hotel operations, information services, housing development and sales, credit card business, and other services. Additional activities include construction and car rentals. In fiscal 2004, other services operating revenues were ¥202.5 billion (\$1,911 million) and operating income was ¥17.9 billion (\$169 million).



Notes: 1. Operating revenues mean operating revenues from outside customers.

2. Yen figures have been translated to U.S. dollars at the rate of ¥106 to US\$1 as of March 31, 2004, solely as a convenience to readers.



Masatake Matsuda Chairman



Mutsutake Otsuka President and CEO

During fiscal 2004, ended March 31, 2004, JR East worked to maximize revenues by making optimal use of its management resources, including the Shinkansen and other railway networks as well as stations. At the same time, JR East took steps to increase its operational efficiency, such as conducting thorough overall expense reviews and implementing asset streamlining measures. Operating revenues decreased 0.9%, to ¥2,542.3 billion (\$23,984 million), due to a decline in revenues from the station space utilization segment and to a restructuring of the other services segment. However, operating income rose 2.4%, to ¥351.4 billion (\$3,315 million), as a result of reduced personnel expenses and other factors. Net income increased 22.3%, to ¥119.9 billion (\$1,131 million), attributable to lower interest expense stemming from a reduction in interest-bearing debt and a decrease in loss on sales of fixed assets.

Fiscal 2005, ending March 31, 2005, is the fourth year of JR East's *New Frontier 21* medium-term business plan. To the greatest extent possible, JR East will strive to achieve the plan's goals ahead of schedule and will formulate a new medium-term business plan that will come into effect from fiscal 2006. JR East's operating environment continues to be difficult, with challenges including intensifying competition in the transportation market and declines in the working-age population. In this setting, JR East must thoroughly pursue customer satisfaction and increase revenues. Specifically, in railway operations, JR East will enhance its Tokyo metropolitan area network and step up its Shinkansen sales efforts by boosting product attractiveness and promoting the strengthened Shinkansen network. In non-transportation businesses, JR East will actively develop its operations by drawing on its biggest resource, its stations, while moving ahead with new large-scale projects that contribute to urban revitalization, such as a Tokyo station district development plan. For *Suica*, JR East will take steps to enhance convenience and services.

JR East will endeavor to fulfill the entrustment of the shareholders and investors, adhering to its group policies. As in the past, we respectfully ask for your support and cooperation for the management team of JR East.

June 2004

Masatake Matsuda

Masatake Matsuda, Chairman

Mutsutake atsuka

Mutsutake Otsuka, President and CEO

### **GROUP POLICIES**

The JR East Group will aim to function as a corporate group providing high quality and advanced services with railway businesses at its core while achieving sound management.

For this purpose, every individual employee of the group will endeavor to support safe and punctual transportation and supply convenient and high-quality products. Every employee will take on the challenge of improving the standard of services and raising the level of technology in order to further gain the confidence and trust of customers.

As a "trusted life-style service creating group," we will go forward with our customers to contribute to the achievement of a better living, the cultural development of local communities, and the protection of the global environment.

#### An Interview with the President



Mutsutake Otsuka President and CEO

#### FISCAL 2004

### Q. Looking back over fiscal 2004, ended March 31, 2004, how do you evaluate JR East's performance and operational developments?

**A.** Fiscal 2004 was extremely significant as the pivotal year of JR East's *New Frontier 21* medium-term business plan. We began the year thinking our performance in the year ahead would enable us to determine how quickly we would be able to reach the targets of *New Frontier 21*, which is scheduled to end in fiscal 2006.

Unfortunately, the outbreak of SARS (severe acute respiratory syndrome) and geopolitical instability associated with the war in Iraq had a serious impact on revenues in April and May 2003. Recovering from that initial setback was a major challenge. However, through a concerted effort we attained revenues only marginally lower than in fiscal 2003. Moreover, given our second-half momentum, I think we performed solidly in fiscal 2004.

Meanwhile, we progressed with cost reductions by reforming cost structures, particularly those related to personnel, maintenance, and interest payments.

As a result of those initiatives, we recorded a year-on-year increase in operating income and a new high for net income. Considering the factors I just mentioned and the strategic importance of the year, I am satisfied with our results for fiscal 2004.

In operational developments in fiscal 2004, we enhanced passenger convenience, focusing on the Shinkansen and Tokyo metropolitan area networks. In the Shinkansen network, growing numbers of tourists to the northern Tohoku region ensured continued demand for the *Hayate* service—launched to coincide with the extension of the Tohoku Shinkansen line to Hachinohe in December 2002. In the Tokyo metropolitan area network, "We recorded a year-on-year increase in operating income and a new high for net income. Considering the strategic importance of the year, I am satisfied with our results for fiscal 2004."

short-distance passengers rose steadily on the back of *Suica's* growing popularity.

In non-transportation businesses, major developments included the opening of the *JR Shinagawa East Building* in March 2004. Despite the current over-supply of office space in downtown Tokyo, tenants quickly filled the new building thanks to the convenience afforded by its prime location abutting Shinagawa station and other features, such as state-of-the-art office facilities. The building's lower floors are devoted to shops and restaurants, which are outperforming initial expectations.

In February 2004, we unveiled *Hotel Dream Gate Maihama*, which has been built under elevated railway tracks at Maihama station, the entrance to Tokyo Disney Resort. In collaboration with Takenaka Corporation, we have developed new construction technology that enables the creation of a quiet environment on a par with conventional hotels under elevated railway tracks, an area normally regarded as unsuitable for such facilities. I believe this new technology will broaden the scope of our business development.

Also, the number of *Suica* holders is growing steadily. At the outset, we estimated there would be around five million holders after three years. Today, in only two and a half years since we launched the system, more than nine million passengers use *Suica*. From August 2004, it will be possible to use *Suica* on West Japan Railway Company's network and vice versa. Furthermore, transportation companies in the Kanto region, which includes metropolitan Tokyo, plan the staged introduction of mutually usable IC cards in fiscal 2007. Therefore, I think that reaching 20 million users of such cards is no longer a dream.

Given those successes, I think the development of our operations during the fiscal year was favorable overall.

Unfortunately, however, a few incidents considerably

inconvenienced our customers in fiscal 2004. Errors during engineering work to replace railway tracks on the Chuo line, in the Tokyo metropolitan area, forced JR East to halt trains on the line for several hours.

We thoroughly analyzed the causes of the incidents and immediately took appropriate countermeasures. Since then, all major engineering works for railway track replacement have been carried out according to plan as a result.

#### TOWARD ENHANCED RELIABILITY

**Q**. Could you talk in more detail about the backdrop of the Chuo line incident?

A. First, let me explain why we undertook such a large-scale engineering project. Normally, we split such large engineering works for railway track replacement into several parts. Admittedly, the resulting small-scale engineering projects are comparatively easy to manage and implement. On the other hand, numerous small projects increase the frequency of train stoppages, which leads to greater inconvenience for passengers.

With that in mind, we prepared and implemented a plan designed to lessen the burden placed on passengers and local communities by undertaking a one-time, large-scale engineering project. We deeply regret the considerable inconvenience that this incident caused.

To upgrade operations based on the lessons learned from this experience, we are leaving no stone unturned in our efforts to identify and deal with problem areas.

We operate more than 12,000 trains a day. Our basic mindset is that all of those trains must run without a second's delay every day. To regain the trust of our customers, each one of our employees is committed to going back to operational basics and starting afresh.

### New Frontier 21 Medium-Term Business Plan of JR East

#### Overview

In November 2000, JR East announced a medium-term business plan called *New Frontier 21*, which will cover the five-year period extending from fiscal 2002 to fiscal 2006. The plan targets a critical point in JR East's development, setting forth a vision and a concrete action plan. All actions are aimed at withstanding the dramatic changes in the group's highly competitive operating environment.



#### **Group Vision**

In this plan, our vision is to become a *Trusted Life-Style Service Creating Group*. We will strengthen our management base and push ahead with reforms to realize this vision. In particular, we will steer our operations to meet the following five criteria:

#### I. Creating Customer Value and Pursuing Customer Satisfaction

(Building a corporate group for providing customers with "trust," "comfort" and "excitement.")

The starting point for the development of JR East is our customers. Based on this awareness, we will commit ourselves thoroughly to a customer orientation, unite the creation of new customer value and seek to gain a higher level of appreciation from our customers.

### II. Innovation of Business through the Creation of Technologies

(Building a corporate group for the integration of advanced technologies.)

JR East will integrate advanced technologies in order to create new added value and thereby refine our railway businesses. Our goal shall be to become the "World's Number-one Railway" in terms of safety, convenience, promotion of advanced technologies, comfort and efficiency.

#### III. Harmony with Society and Coexistence with the Environment

(Building a corporate group which harmonizes with society and gains the respect of the global community.) While pursuing social missions such as coping with global environmental problems and the rapid aging of society, we will also maintain a fair stance towards global competition. We will enhance management transparency and go forward as a corporate group open to the world.

#### IV. Creating Motivation and Vitality

(Building a corporate group offering a working motivation and a sense of accomplishment through a free and liberal approach to work.)



\* The original target for free cash flows was ¥180.0 billion. It was raised to ¥200.0 billion in November 2001.

\*\*The original target for total long-term debt was ¥500.0 billion reduction in five years. It was raised to ¥750.0 billion reduction in five years and ¥500.0 billion reduction in the first three years in November 2001. The target for the first three years has already been achieved in two years.

#### V. Raising Shareholder Value

(Building a corporate group meeting shareholder expectations through the improvement of consolidated performance.) We have set our five numerical goals as above.

#### Strategies to Transform the Vision into Reality

We have formulated a number of business strategies for the purpose of fulfilling our *New Frontier 21* vision. First is our *Station Renaissance* program, which aims to achieve the best possible allocation of group business activities at railway stations, our greatest business resource. Naturally, this requires that we conduct an exhaustive review of the layout of station facilities to open up new space for business activities. Another element of our *Station Renaissance* program is large-scale developments at main stations in the Tokyo metropolitan area.

Another strategy is to utilize IT and other new technologies. One example is the creation of a new railway operating system by drawing on a broad range of IT resources. The system will improve the safety and accuracy of our railway operations. Another is the creation of business models that give us a substantial advantage over competitors making the most of our infrastructure, which is ideally suited for IT-oriented businesses. As a central part of this drive, we will use our IC card, *Suica*, which was introduced in 2001, to offer cashless and ticketless transportation services. Many other new businesses are on the drawing board.

In transportation businesses, we will concentrate on making more gains in safety and service quality and on improving our operating system, such as by strengthening our service network. In non-transportation businesses, we will focus our resources on businesses where we can achieve synergies with our railway operations and where we have competitive superiority. Strategic alliances with partners outside JR East and the realignment of group companies will be central to this drive.



### "I have sought to reignite the group's overall sense of urgency by bringing New Frontier 21 to an early conclusion and focusing our attention on the next plan."

#### CORPORATE GOVERNANCE

Q. What steps is JR East taking to enhance corporate governance and management speed? A. Thanks to revisions of laws and ordinances, companies now have several corporate governance options. In addition to the traditional "auditor system" based on a structure of checks and balances among directors and auditors, companies can choose from a committee system form of governance or a system incorporating committees responsible for significant assets. In my view, none of those governance systems is definitively better than any other; each has strengths and weaknesses. Accordingly, I think that the focus of management should be on establishing structures that counterbalance each system's demerits.

JR East's mainstay railway operations have certain distinctive features. Returns on investments are extremely long term. Extensive experience is needed to ensure safety—our top operational priority. Accordingly, we believe that long-term employment is a precondition to ensure and improve safety. Given those characteristics, JR East encourages medium-to-long-term management thinking.

In light of the nature of its operations, I think that the auditor system of governance is best suited to JR East. However, that system is said to have two deficiencies: slow decision making and inadequate transparency.

Aiming to compensate for those shortcomings, JR East has sought to invigorate debate among its management team by streamlining its Board of Directors. JR East's articles of incorporation allow for the appointment of 40 directors. At its largest, our Board of Directors reached 36 members. In recent years, however, we have been steadily reducing director numbers. In June 2004, the shareholders' annual meeting downsized the board to 23 directors. Moreover, JR East's management team is actively incorporating the viewpoints of veteran managers from other business areas. Two outside corporate directors sit on the Board of Directors and four of JR East's five corporate auditors are outside corporate auditors.

I am confident that this system offsets the commonly identified disadvantages of the auditor system by facilitating lively discussion, expeditious decision making, and high levels of transparency.

#### **NEW FRONTIER 21**

#### Q. How is the implementation of JR East's New Frontier 21 medium-term business plan progressing?

A. When we prepared *New Frontier 21*, we faced two urgent issues. First, we had to achieve full privatization. Second, we needed to strengthen the cohesion of JR East as a group.

We realized full privatization in June 2002, soon after launching *New Frontier 21*. Also, we have successfully advanced toward the goals and numerical targets of *New Frontier 21*, provided additional railway services, and developed new businesses. In many cases, progress has been faster than anticipated. We expect to reach several of *New Frontier 21*'s five numerical targets during fiscal 2005 and the remainder in fiscal 2006.

Given the imminent successful completion of the current medium-term business plan, I am concerned that we could become complacent. Before that happens, I have sought to reignite the group's overall sense of urgency by bringing *New Frontier 21* to an early conclusion and focusing our attention on the next plan.

#### **OPERATIONAL OUTLOOK**

#### Q. What business development plans does JR East have?

A. I believe that the best way to view JR East's operational development is in three separate time frames. First, we have to think about how to meet the challenges of current and coming fiscal years. Second, we must consider optimal business strategies over a three-to-five-year term. We need to start formulating concrete measures for projects in that time frame. Last, a range of basic proposals is required to fuel visions and debate relating to where we want to be a decade from now.

With that in mind, I will outline specific operational plans based on the periods through fiscal 2006, fiscal 2011, and fiscal 2016.

In the period through fiscal 2006, we intend to substantially increase the frequency of services on the Shonan-Shinjuku line in autumn 2004, which will generate substantial revenues. Following the completion of a track overpass crossing at Ikebukuro station in June 2004, JR East will raise the number of trains operating on the Shonan-Shinjuku line from 38 to 64 round trips a day. Further, as part of efforts to enhance services, plans call for the introduction of *Green Car* (first class cars) services on the Takasaki, Utsunomiya, and Shonan-Shinjuku lines in autumn 2004.

Meanwhile, in fiscal 2006 large-scale developments currently under way within Omiya, Shinagawa, and other stations are due to be completed as part of JR East's *Station Renaissance* business strategy. In the same fiscal year, a building that is being developed on the Marunouchi side of Tokyo station in collaboration with Mitsubishi Estate Co., Ltd., is slated for completion.

In the period through fiscal 2011, we will proceed with redevelopment plans that will transform the appearance of the area around Tokyo station. On the station's Yaesu side, we will construct two 200-meter high-rise buildings, while on the Marunouchi side we will restore the station building to its original form. Also, we will undertake development projects to freshen up the look of squares on the Marunouchi and Yaesu sides of the station.

Further, plans call for the completion of construction of a route that will join together the Ueno–Tokyo segment of the Tohoku line, the Takasaki line, and the Joban line with the Tokaido line in fiscal 2010. This new route, which we call the Tohoku through line, will enhance passenger convenience by linking the north and south of the Tokyo metropolitan area via a different route from the Shonan-Shinjuku line.

By fiscal 2016, we intend to free up an extensive area of land in the Shinagawa district of central Tokyo by reorganizing lines at our rail yard. Of course, this new project will require consultations with local governments and other procedures. However, redevelopment of the area will be possible in this way.

Also, we plan to strengthen our competitiveness with airlines by extending the Tohoku Shinkansen line to Shin-Aomori and the Hokuriku Shinkansen line to Toyama.

#### Q. JR East seems to have a very full business development schedule.

A. It certainly is intensive. However, from a longerterm perspective, we have to prepare to deal with such issues as falling birthrates and an aging population, which will affect Japan as a whole.

I want to leverage demographic trends to achieve positive changes in our railway and travel agency businesses. Japan's baby boomer generation comprises roughly seven million people born between 1947 and 1949. And, a large proportion of that group will retire between 2007 and 2009. In other words, there will be a dramatic increase in the number of people with



"We aim to simultaneously heighten levels of safety, comfort, and efficiency. And, we are confident that this is possible."

abundant leisure time. Accordingly, we aim to trigger a travel boom by offering enjoyable travel packages that will appeal to such individuals. I see the graying of Japanese society as a new business chance rather than as a cause for concern.

#### SAFETY AND EFFICIENCY

#### Q. Which areas will JR East focus on with respect to enhancing safety and efficiency?

A. First of all, I would like to emphasize that it is possible to improve safety and efficiency at the same time. Occasionally, people mistakenly assume that advances in those two areas are mutually incompatible. We aim to simultaneously heighten levels of safety, comfort, and efficiency. And, we are confident that this is possible.

Of course, a sense of professional pride among employees underpins all efforts to enhancing safety. On the other hand, making mistakes is part of being human. For that reason, it is vital to thoroughly examine the kind of backup systems needed to preempt such errors.

With that in mind, JR East has consistently directed roughly 40% of its annual capital expenditures—between ¥80 billion and ¥90 billion—to ongoing investments in safety-related measures. In those investments, we develop fail-safe systems that automatically override operator mistakes. At the same time, we are also building fully automated systems. Thanks to those initiatives, the number of operational railway accidents has fallen in recent years. In fiscal 2004, there were about 75% fewer such accidents than in fiscal 1988, the year of JR East's establishment.

As our first operational priority, safety is the keystone of our management philosophy. Eliminating negligence by approaching safety issues head on enables the sound development of JR East's railway operations, which in turn lends impetus to the development of non-transportation operations. I want to further reinforce that cycle. Enhancing operational efficiency is a constant management issue for companies. I have frequently stated that strengthening human resource and technology development as indispensable for the growth of JR East. Advances in technology development enhance safety and efficiency. As I stressed in my 2004 New Year's address, we need to develop and apply technologies that contribute to safety and efficiency by bolstering the Research & Development Center of JR East Group.

Further, some aspects of JR East's operations can be made much more convenient for customers by introducing IT-based automated systems; *Suica* is a representative example of such improvements. The introduction of ticket vending machines is another earlier example. Through such technologies, JR East is heightening customer convenience by automating manned operations wherever possible.

Meanwhile, by using personnel freed up by improvements in efficiency, JR East has increased the number of service managers at stations. Acting as troubleshooters, these managers take the initiative to provide customers with a range of services. Service managers patrol stations and offer assistance to customers that appear to be in difficulty because, for example, they are unsure how to operate ticket vending machines. Those managers also play an important role in contributing to safety and security in stations.

In essence, we aim to boost overall efficiency while raising service levels by allocating personnel to liaison services and by automating those services suited to mechanization.

#### **SUICA**

#### Q. How do you intend to develop Suica?

A. First and foremost, *Suica* has spread rapidly because it is very convenient. To be honest, passengers' favorable response to *Suica* surpassed our initial expectations. Another factor is the reliability of the *Suica* system, which has

"We will continue striving to realize the targets of *New Frontier 21*. At the same time, we will consider how to coordinate operational strategies with optimal capital structures and dividend policies. "

had almost no failures. We will take all possible measures to maintain that record.

When we launched *Suica*, I gave the *Suica* development team the task of adding at least one new function every year. In fact, *Suica* has evolved at a much higher pace than that. We have already expanded the coverage area of *Suica* and added credit card and electronic money functions. However, the evolution of *Suica* has just begun.

In March 2004, we broadened the applications of *Suica* by including an electronic money function. We are aggressively marketing *Suica*'s electronic money function, which is not limited to usage in stations. As the use of *Suica*'s electronic money function becomes more widespread, purchase-amount processing fees paid by downtown stores will steadily drive the growth of our electronic money related operations. The number of downtown stores that accept *Suica* purchases will determine the success or failure of the service. However, I am convinced that because *Suica* can be used for shopping and to ride on trains, it will have a clear competitive advantage over other electronic money cards.

#### **FINANCIAL POLICY**

Q. Could you outline JR East's financial policy, particularly with regard to reducing total long-term debt?

A. JR East has strengthened its operating platform by steadily lowering total long-term debt. Furthermore, we have, as a general principle, kept capital expenditures within the bounds of depreciation, which has enabled us to reduce total long-term debt to less than ¥4 trillion. While adhering to its core policy of keeping adequate retained earnings, JR East has continued stable dividend payments.



Nevertheless, ¥3.9 trillion is still a high level of total long-term debt. Accordingly, reducing total long-term debt will remain JR East's first priority in financial policy. However, I think we have reached a juncture where we can and should consider a slightly wider range of options with respect to capital expenditures, dividends, and capital policy.

For fiscal 2003, although JR East paid a special dividend to commemorate the completion of full privatization, the ordinary dividend was ¥5,000 per share. JR East raised the ordinary dividend from ¥5,000 per share to ¥6,000 for fiscal 2004. And, we plan to maintain the ordinary dividend at ¥6,000 per share for fiscal 2005. We are dedicated to meeting shareholders' expectations while steadily enhancing our performance and reducing debt.

#### GOALS

Q. Lastly, what are JR East's plans for the future? A. While some projects have already been made public, internally we are carefully assessing a considerable number of projects. We will steadily cultivate and bring to fruition those projects that will contribute to JR East's revenues and growth.

Also, we still have many ideas for unlocking *Suica's* potential. The convenience offered by *Suica* will increase further as we fully leverage it as a strategic tool to organically link transportation and non-transportation operations.

We will continue striving to realize the targets of *New Frontier 21*. At the same time, we will consider how to coordinate operational strategies with optimal capital structures and dividend policies. We are committed to sufficiently reflecting the expectations of our shareholders and other investors as we prepare our next medium-term business plan, which is scheduled to start from fiscal 2006.

In closing, I would like to take the opportunity to ask all of our stakeholders for continued support and understanding.

JR East regards strengthening the trust placed in it by shareholders and other stakeholders through enhanced corporate governance as a top management priority.

#### **BOARD OF DIRECTORS**

JR East's Board of Directors comprised 23 directors, including 2 outside corporate directors, as of the end of June 2004. The Board of Directors decides on key operational issues relating to statutory requirements and other matters and supervises overall operations. It convened 13 times during fiscal 2004. Since its establishment in 1987, JR East has enhanced management transparency and supervisory functions by appointing outside corporate directors with extensive experience and expertise in business fields outside the realm of its own operations.

JR East has streamlined its Board of Directors in recent years to invigorate debate and enhance the flexibility and speed of decision making. Subsequent to the shareholders' annual meeting in June 2003, the number of directors was reduced from 31 to 27. A further reduction to 23 directors was approved at the shareholders' annual meeting in June 2004.

Furthermore, JR East discontinued the directors' and corporate auditors' retirement bonus system upon conclusion of the shareholders' annual meeting in June 2004.

#### **OTHER COMMITTEES**

Under the Board of Directors is the Executive Committee, which comprises 14 directors with executive functions. The committee deliberates matters to be decided by the Board of Directors and other important management issues. The Executive Committee met 44 times in fiscal 2004.

In addition, the Group Strategy Formulation Committee which mainly consists of directors with executive functions considers management strategy for respective operational areas and other significant group issues. The committee held 6 meetings in fiscal 2004.

#### **BOARD OF CORPORATE AUDITORS**

The Board of Corporate Auditors comprises 5 corporate auditors, including 2 full-time corporate auditors. And, the board's 4 outside corporate auditors include an attorney and a CPA. In accordance with guidelines established by the Board of Corporate Auditors, the corporate auditors supervise directors' implementation of operations by attending meetings of the Board of Directors, the Executive Committee, and other committees and by inquiring into JR East's operations and assets. Furthermore, JR East's corporate auditors hold regular liaison meetings with the auditors of subsidiaries to share audit-related information.

#### JR EAST'S CORPORATE GOVERNANCE PHILOSOPHY

Management decisions related to JR East call for long-term experience in keeping with the considerable length of time required for investments in mainstay railway operations to yield returns. JR East believes the most appropriate course is to enhance corporate governance based on its current auditor system of governance.

#### SHAREHOLDERS' ANNUAL MEETING

Aiming to be as accessible to shareholders as possible, JR East listens very carefully to its shareholders' views and offers clear explanations at annual meetings attended by more than 1,500 shareholders every year. Moreover, JR East made it easier for shareholders to exercise their voting rights by introducing a computerized voting system from the shareholders' annual meeting in June 2003.

#### **DIVIDEND POLICY**

JR East's basic profit appropriation policy is to continue stable dividend payments to shareholders and to bolster retained earnings for the establishment of a sound management platform that will enable the development of operations centered on railway business.

Based on that policy, JR East paid a cash dividend of ¥6,000 (\$57) per share for fiscal 2004, which included an interim cash dividend of ¥3,000 (\$28) per share and represented a ¥1,000 increase per share in the ordinary cash dividend.

For fiscal 2005, plans call for the payment of a cash dividend of ¥6,000 per share, which will include an interim cash dividend of ¥3,000 per share.

### COMPENSATION OF DIRECTORS AND CORPORATE AUDITORS

In fiscal 2004, JR East paid the following compensation to directors and corporate auditors.

Note: Yen figures have been translated to U.S. dollars at the rate of ¥106 to US\$1 as of March 31, 2004, solely as a convenience to readers.

Compensation according to articles of incorporation or approved
by shareholders at the annual meeting held in June 2004

Directors		ctors Corporate Auditors		Total	
No. of recipients	Amount	No. of recipients	Amount	No. of recipients	Amount
	¥559 million		¥79 million		¥638 million
33	(\$5 million)	8	(\$1 million)	41	(\$6 million)

Note: The above does not include bonuses paid to executives through appropriation of earnings, retirement benefits approved by the shareholders' annual meeting, and the employee salaries of executive employees.

#### **COMPENSATION OF INDEPENDENT AUDITOR**

In fiscal 2004, JR East paid compensation of ¥100 million (\$943 thousand) to AZSA & Co., in accordance with an audit contract and ¥42 million (\$396 thousand) for other services provided by the independent auditor.

#### INTERNAL AUDITING AND COMPLIANCE SYSTEMS

To ensure the efficient implementation of lawful operations, JR East has established an internal auditing system that comprises the Inquiry & Audit Department at its head office and Inquiry & Audit divisions at branch offices. The Inquiry & Audit Department also audits JR East's subsidiaries.

JR East works to ensure that its operations comply with laws and regulations. Those efforts center on JR East's Legal Department, which detects any potential legal problems at an early stage and consults with attorneys and other compliance experts as necessary. In addition, JR East heightens awareness of compliance issues and develops related human resources by conducting regular training programs for legal managers and administrators of subsidiaries.

#### **RISK MANAGEMENT SYSTEM**

JR East implements wide-ranging risk management for its railway operations by upgrading facilities and equipment and training personnel in relation to accident prevention, disaster countermeasures, and transport disruption countermeasures. In particular, JR East has established a system that prepares JR East to respond promptly and appropriately in the event of accidents or disasters. That system includes JR East's Transportation Operation Center, which operates 24 hours a day. Furthermore, JR East is working to accumulate risk management know-how based on the wealth of experience among its employees. And, in March 2004 JR East established the Transportation Reliability Improvement Committee, which is tasked with constructing a highly reliable transportation system based on JR East's advanced and complex railway network.

Primary responsibility for the management of risk associated with external criminal acts and improprieties that could have a significant impact on JR East's operations lies with the Crisis Management Headquarters, established in January 2001. That headquarters coordinates closely with all related departments. In the event of such a problem arising, the Crisis Management Headquarters and senior management rapidly set up an initial action task force that prevents delayed responses stemming from confused or inadequate communication.

#### SAFETY BACKUP FOR CONTRACTORS

In March 2004, JR East established the Group Companies Safety Management Group in its Transport Safety Department, which collaborates closely with contractors to enhance management systems for safety and technology levels and to upgrade training programs. Also, in January 2004 JR East created the Signalling Technology Management Group in the Facilities Department of its head office. This group offers technical direction to contractors and seeks to enhance their technical management and training.

JR East and its contractors work together to standardize safety measures by coordinating the formulation of their respective safety plans.

#### STRENGTHENED DISCLOSURE AND GROUP NETWORK Quarterly Results

To enhance the timeliness of its disclosure, JR East began issuing quarterly financial statements in fiscal 2004. As a result, investors can now assess JR East's operational performance and financial position in three-month units.

#### **Cash Management System**

In April 2001, JR East introduced a cash management system to improve capital efficiency and reduce interest-bearing debt on a consolidated basis by integrating the management of the JR East group's cash and funding. As a result, interest-bearing debt has decreased approximately ¥170 billion in the three years since JR East established the system. In fiscal 2004, interest paid by JR East to external entities was reduced by roughly ¥3 billion.

#### **Board of Directors and Corporate Auditors**

(As of June 2004)



Masatake Matsuda Chairman



Yoshio Ishida Vice Chairman



Mutsutake Otsuka President and CEO



Satoshi Seino Executive Vice President Corporate Planning Headquarters



Makoto Natsume Executive Vice President Life-Style Business Development Headquarters



Nobuyuki Hashiguchi Executive Vice President Railway Operations Headquarters

CHAIRMAN Masatake Matsuda

VICE CHAIRMAN Yoshio Ishida Technology and Overseas Related Affairs

PRESIDENT AND CEO Mutsutake Otsuka\*

#### **EXECUTIVE VICE PRESIDENTS**

Satoshi Seino\* Corporate Planning Headquarters

Makoto Natsume\* Life-Style Business Development Headquarters

Nobuyuki Hashiguchi\* Railway Operations Headquarters

#### **EXECUTIVE DIRECTORS**

Hiroshi Okawa Tokyo Branch Office

Tetsujiro Tani Public Relations Department; Legal Department; Administration Department

Yoshiaki Arai Life-Style Business Development Headquarters

Nobuyuki Sasaki Inquiry & Audit Department; Personnel Department; Health & Welfare Department

Tetsuro Tomita CFO Corporate Planning Headquarters; Finance Department

Masanori Tanaka Technology Planning Department, Corporate Planning Headquarters; Construction Department; Research & Development Center of JR East Group Masaki Ogata Railway Operations Headquarters; Marketing Department, Railway Operations Headquarters; Transport & Rolling Stock Department, Railway Operations Headquarters; Credit Card Department; IT Business Project

Masahiko Ogura Railway Operations Headquarters; Transport Safety Department, Railway Operations Headquarters; Facilities Department, Railway Operations Headquarters

#### DIRECTORS

Toru Sekine Tokyo Station

Shunichi Suzuki Sendai Branch Office

Yoichi Minami Marketing Department, Railway Operations Headquarters

Kazuyuki Kogure Management Administration Department, Corporate Planning Headquarters

Katsumi Asai Personnel Department; JR East General Education Center

Koichi Sasaki Facilities Department, Railway Operations Headquarters Tsugio Sekiji Transport & Rolling Stock Department, Railway Operations Headquarters

Shoichiro Yoshida\*\* (Chairman of the Board & CEO, Nikon Corporation)

Takeshi Inoo\*\*

**FULL-TIME CORPORATE AUDITORS** Toshiaki Omori\*\*\*

Jiro Bando\*\*\*

#### **CORPORATE AUDITORS**

Kiyoshi Uetani\*\*\* *(Attorney)* 

Tsutoo Matsumoto\*\*\* (Certified Public Accountant)

Shinobu Hasegawa

- Representative director
- \*\* Outside corporate director
- \*\*\* Outside corporate auditor

#### Organization (As of June 2004) Management Administration Dept. General Meeting Corporate Planning of Shareholders Investment Planning Dept. Headquarters Inquiry & Audit Dept. Technology Planning Dept. International Dept. Tokyo Branch Office Board of Directors Yokohama Branch Office Marketing Dept. Hachioji Branch Office Omiya Branch Office Transport Safety Dept. **Railway Operations** Chairman Headquarters Takasaki Branch Office Transport & Rolling Stock Dept. Life-Style Business Development Headquarters Facilities Dept. Mito Branch Office Credit Card Dept. Chiba Branch Office Construction Dept. President Sendai Branch Office – Yamagata Branch Public Relations Dept. - Fukushima Branch JR Sendai Hospital Finance Dept. Morioka Branch Office Aomori Branch Personnel Dept. Board of Corporate Akita Branch Office Auditors Health & Welfare Dept. Niigata Branch Office - Niitsu Rolling Stock Plant Legal Dept. Nagano Branch Office Administration Dept. Shinkansen Transport Dept. Corporate Auditors Office Tokyo Construction Office Joshinetsu Construction Office Research & Development Center of JR East Group Tokyo Electric Construction Office Overseas Offices (New York, Paris) Tohoku Construction Office JR East General Education Center JR Tokyo General Hospital JR East Health Promotion Center

Note: Stations, maintenance and inspection facilities, and other operating units are not shown.

The following are issues related to operational and accounting procedures that may have a significant bearing on the decisions of investors. Forward-looking statements in the following section are based on the assessments of JR East as of March 31, 2004.

#### LEGAL ISSUES RELATING TO OPERATIONS

As a railway operator, JR East manages its operations pursuant to the stipulations of the Railway Business Law. JR East is generally excluded from the provisions of the Law Concerning the Passenger Railway Companies and the Japan Freight Railway Company (JR Law). However, JR East is required to manage its operations in accordance with guidelines relating to matters that should be considered for the foreseeable future that are stipulated in a supplementary provision of the amended JR Law. Details of relevant laws are as follows.

#### The Railway Business Law (1986, Law No. 92)

Under the Railway Business Law, railway operators are required to obtain the permission of the Minister of Land, Infrastructure and Transport (MLIT) for each type of line and railway business operated (article 3). Operators receive approval from MLIT for the upper limit of passenger and freight fares and Shinkansen limited express charges. Subject to prior notification, railway operators can then set or change those fares and charges within those upper limits (article 16). Operators are also required to give MLIT advance notice of the abolishment or suspension of railway operations. If an operator intends to abolish railway operations, the law requires one year's notice prior to the date of abolishment (article 28, items 1 and 2).

#### The JR Law (1986, Law No. 88) Aim of the Establishment of the JR Law

Prior to amendment, the JR Law regulated the investments and the establishment of JR East, Hokkaido Railway Company, Central Japan Railway Company (JR Central), West Japan Railway Company (JR West), Shikoku Railway Company, Kyushu Railway Company, and Japan Freight Railway Company (JR Freight) and included provisions on the operational purposes and scopes of those companies. In addition to the provisions of the Railway Business Law, the JR Companies are subject to provisions of the JR Law that require the approval of MLIT with respect to significant management decisions. Also, under the JR Law preferential measures were applied to the JR Companies, such as those entitling holders of the bonds of the JR Companies to preferential rights (general mortgage) over the claims of unsecured creditors.

#### Amendment of the JR Law

(a) A partial amendment of the JR Law (amended JR Law) enacted on December 1, 2001 (2001, Law No. 61), excluded JR East, JR Central, and JR West (the three JR Passenger Companies in Japan's main island) from the provisions of the JR Law that had been applicable to them until then.

(b) Further, the amended JR Law enables MLIT to issue guidelines relating to matters that should be considered for the foreseeable future with respect to the management of the railway operations of the three JR Passenger Companies in Japan's main island (the new companies), including any additional companies that may become involved in the management of all or a part of those railway operations as a result of assignations, mergers, divisions, or successions as designated by MLIT on or after the date of enactment of the amended JR Law (supplementary provision, article 2, item 1). Those guidelines were issued on November 7, 2001, and applied on December 1, 2001.

(c) The guidelines stipulate items relating to the following three areas.

- Items relating to ensuring alliances and cooperation among the companies (among the new companies or among the new companies and JR Companies) with respect to establishing appropriate passenger fares and charges, the unhindered utilization of railway facilities, and other factors relating to railway operations.
- Items relating to the appropriate maintenance of railway routes currently in operation reflecting trends in transportation demand and other changes in circumstances following the restructuring of the Japanese National Railways (JNR) and items relating to ensuring users' convenience through the development of stations and other railway facilities.
- Items stating that the new companies should give consideration to the avoidance of actions that inappropriately obstruct business activities or infringe upon the interests of small- and medium-sized companies operating businesses in the operational areas of the new companies which are similar to the businesses of the new companies.

(d) MLIT may advise and issue instructions to the new companies to secure operations that are in accordance with those guidelines (supplementary provision, article 3). Moreover, the amended JR Law enables MLIT to issue warnings and directives in the event that operational management runs counter to the guidelines without any justifiable reason (supplementary provision, article 4).

(e) With respect to the provisions of those guidelines, JR East has always given, and of course will continue to give, adequate consideration to such items in the management of its operations. Therefore, JR East does not anticipate that those provisions will have a significant impact on its management.

(f) In addition, the amended JR Law includes required transitional measures, such as the stipulation that all bonds issued by the three JR Passenger Companies in Japan's main island prior to the amended JR Law's enactment date are and will continue to be general mortgage bonds as determined in article 4 of the JR Law (supplementary provision, article 7).

(g) With respect to the stocks of the three JR Passenger Companies in Japan's main island held by Japan Railway Construction Public Corporation (JRCC), which subsequently merged to form the Japan Railway Construction, Transport and Technology Agency (JRTT), MLIT proposed plans in the Diet for the staged sale of those stocks following the enactment of the amended JR Law, in the light of stock market trends. Based on those plans, JRCC sold 500,000 shares of JR East's common stock on June 21, 2002. As a result, JR East finally achieved full privatization.

### ESTABLISHMENT OF AND CHANGES TO FARES AND CHARGES

The required procedures when JR East sets or changes fares and charges for its railway operations are stipulated in the Railway Business Law. Details of those procedures are as follows.

#### System for Approval of Fares and Charges

The Railway Business Law stipulates that railway operators are required to obtain the approval of MLIT when setting or changing the upper limit for passenger fares, freight fares, and Shinkansen limited express charges (fares and charges) (Railway Business Law, article 16, item 1).

Subject to prior notification, railway operators can then set or change fares and charges within those upper limits and set or change the limited express charges on conventional lines and other charges (Railway Business Law, article 16, items 3 and 4).

Although the JR Passenger Companies can revise fares independently, a system was created among the JR Passenger Companies when JNR was restructured to ensure the convenience of users. At present, contracts among the JR Passenger Companies enable the realization of total fares and charges for passengers or packages requiring services that span two or more JR Passenger Companies. In addition, the JR Passenger Companies have established a system in which the fares and charges decrease relatively as distance traveled increases.

#### JR East's Stance on Fare Revisions

JR East has not raised fares since its establishment in April 1987, except for fare revisions to reflect the introduction and revision of consumption tax (April 1989 and April 1997).

It would appear that in many cases the managements of major private railway companies applied for approval to revise fares and undertook fare revisions when they expected to post a net loss in railway operational divisions, based on their overall assessment of railway operational divisions and non-railway divisions. Given that the proportion of JR East's revenues generated by non-railway operations is extremely small relative to overall revenues, JR East is of the view that the timely implementation of fare revisions is necessary to secure appropriate profit levels.

JR East believes that efficient management, which works to secure revenue and rationalize operations, is a precondition for achieving appropriate profit levels. In JR East's view, such efforts must generate profits at a level that enables the distribution of profits to shareholders, capital expenditure for the future, and the strengthening of JR East's financial position. Capital expenditure has a significant impact on the capital usage of railway operations. As a general principle, JR East has maintained its capital expenditure within the bounds of depreciation. JR East fully appreciates the need to proactively conduct capital expenditure founded upon a system of clearly defined management responsibility. In the event that JR East revises fares, it will do its utmost to minimize any resulting fare increases.

#### Stance of Ministry of Land, Infrastructure and Transport

With respect to the implementation of fare revisions by JR East, the position of the Ministry of Land, Infrastructure and Transport is as follows.

MLIT will approve applications for the revision of upper limits of fares from railway companies, including from JR East, upon conducting inspections to determine that fares do not exceed the sum of reasonable costs and profits, based on the efficient management of those companies (total-cost) (Railway Business Law, article 16, item 2).

In addition, a three-year period is stipulated for the calculation of costs.

Even if the railway operator has non-railway businesses, the calculation of total-cost—which comprises reasonable costs and reasonable profits, including required dividend payments to shareholders—is based only on the operator's railway operations.

Further, operators are required to submit for inspection capital expenditure plans for increased transportation services to ease crowding of commuter services and for other improvements of passenger services. And, the capital usage necessary for such enhancements is recognized in the calculation of total-cost.

Total-cost is calculated using a "rate base" method that estimates the capital cost (interest payments, dividend payments, and other costs) arising from fair and appropriate provision of return, based on the opportunity cost concept, in relation to the capital invested in corresponding railway operations. The calculation of total-cost is as follows.

- total-cost = operating cost<sup>1</sup> + operational return
- operational return = assets utilized in railway business operations (rate base) x operational return rate
- assets utilized in railway business operations = railway business operations fixed assets + construction in progress + deferred assets + working capital<sup>2</sup>
- operational return rate = equity ratio<sup>3</sup> x return rate on equity<sup>4</sup>
   + borrowed capital ratio<sup>3</sup> x return rate on borrowed capital<sup>4</sup>
- Notes: 1. With respect to comparable costs among railway operators, in order to promote enhanced management efficiency, a "yard-stick formula" is used to encourage indirect competition among respective operators. The results of those comparisons are issued at the end of every business year and form the basis for calculation of costs.
  - 2. Working capital = operating cost and certain inventories.
  - 3. Equity ratio 30%, borrowed capital ratio 70%.
  - 4. Return rate on equity is based on the average of yields on public and corporate bonds and the overall industrial average return on equity and dividend yield ratio. Return rate on borrowed capital is based on the average actual rate on loans and other liabilities.

Subject to prior notification, railway operators can set or change fares and charges within the upper limits approved and other charges. However, MLIT can issue directives requiring changes in fares and charges by specified terms if the fares and charges submitted are deemed to fall within the following categories (Railway Business Law, article 16, item 5).

- The changes would lead to unjustifiable discrimination in the treatment of certain passengers or cargo owners.
- There is concern that the changes would give rise to unfair competition with other railway transportation operators.

#### PLAN FOR DEVELOPMENT OF NEW SHINKANSEN LINES Construction Plans for New Shinkansen Lines

New Shinkansen lines are those lines indicated in the plan for the Shinkansen line network that was decided pursuant to the Nationwide Shinkansen Railway Development Law (1970, Law No. 71). Finalized in 1973, that plan called for the development of the Tohoku Shinkansen line (Morioka–Aomori), the Hokuriku Shinkansen line (Tokyo–Nagano–Toyama–Osaka), the Kyushu Shinkansen line (Fukuoka–Kagoshima), and other Shinkansen lines. Following the division and privatization of JNR, JR East was selected as the operator of the Takasaki–Joetsu segment of the Hokuriku Shinkansen line and the Morioka–Aomori segment of the Tohoku Shinkansen line. JR East started operation of the Hokuriku Shinkansen line between Takasaki and Nagano on October 1, 1997, and the Tohoku Shinkansen line between Morioka and Hachinohe on December 1, 2002 (see map on page 36).

Within JR East's service area, the Hachinohe–Shin-Aomori segment of the Tohoku Shinkansen line and the Nagano–Joetsu segment of the Hokuriku Shinkansen line are currently under construction. Based on a proposal by the three ruling parties, the national government and ruling parties agreed in December 1996 that both of those Shinkansen line segments would be standard gauge lines. In January 1998, the national government and ruling parties' examination committee for the development of new Shinkansen lines decided to begin the construction of those Shinkansen line segments during fiscal 1998, upon the completion of approval procedures. Based on that decision, JRCC began construction in March 1998, after obtaining approval from the Minister of Transport pursuant to article 9 of the Nationwide Shinkansen Railway Development Law.

From April 2000, the national government and ruling parties' examination committee for the development of new Shinkansen lines proceeded with deliberations on securing financial resources and on new Shinkansen line segments to be constructed. The national government and ruling parties in December 2000 examined the possibility of bringing forward the completion dates of Shinkansen line segments already under construction and beginning the construction of new Shinkansen line segments that it would be desirable to open at the same time as Shinkansen line segments already under construction. The examination committee decided to construct standard gauge Shinkansen line segments between Nagano and Toyama on the Hokuriku Shinkansen line and between Hakata and Nishi-Kagoshima on the Kyushu Shinkansen line. Based on that decision, JRCC obtained approval to begin construction from MLIT pursuant to article 9 of the Nationwide Shinkansen Railway Development Law in April 2001. At present, four new segments on three Shinkansen lines (Hachinohe–Shin-Aomori on the Tohoku Shinkansen line, Nagano-Toyama and Isurugi-Kanazawa on the Hokuriku Shinkansen line, Hakata–Shin-Yatsushiro on the Kyushu Shinkansen line) are under construction. In addition, JRCC merged with Corporation for Advanced Transport & Technology to form JRTT on October 1, 2003. JRTT has assumed the abovementioned Shinkansen line construction.

Regarding new Shinkansen lines within JR East's service area, calculating from April 2001 when JRCC received approval to begin construction from MLIT, it is estimated that the Hachinohe–Shin-Aomori segment of the Tohoku Shinkansen line will be completed in around 12 years and the Nagano–Toyama segment of the Hokuriku Shinkansen line (JR East's service area as far as Joetsu) in slightly more than 12 years.

#### **Cost Burden of Development of New Shinkansen Lines**

(a) National government, local governments, and the JR Passenger Companies assume the cost of new Shinkansen lines constructed by JRTT. Amounts to be funded by the JR Passenger Companies are to be paid out of the following.

- 1) Usage fees and other charges paid by the JR Passenger Company as the operator of the line
- 2) Funds made available from JRTT, to which JR East, JR Central, and JR West make payments of amounts due on their Shinkansen purchase liabilities

(b) In October 1997, the opening of the Takasaki–Nagano segment of the Hokuriku Shinkansen line was accompanied by new standards for the amount of usage fees paid by the JR Passenger Companies as the operator of the line were established. Those usage fees are now regulated by the Japan Railway Construction, Transport and Technology Agency Law, enforcement ordinance No. 6.

That enforcement ordinance stipulates that JRTT will calculate the amount of usage fees based on the benefits received as the operator of the said Shinkansen line after opening and the sum of taxes and maintenance fees paid by JRTT for railway facilities leased. Of those, the benefits received as the operator are calculated by comparing the estimated revenues and expenses generated by the new segment of Shinkansen line and related line segments after opening with the revenues and expenses that would likely be generated by parallel conventional lines and related line segments if the new segment of the Shinkansen line were not opened. The expected benefits are the difference between the amount that the operator of the new Shinkansen line should receive as the result of operation and the amount that would be received if the new Shinkansen line did not commence services. Specifically, expected benefits are calculated based on expected demand and revenues and expenses over a 30-year period after opening. Further, a part of the usage fees, which are calculated based on the expected benefit, is fixed for the 30-year period after commencing services. In addition, the taxes and maintenance fees are included in calculations of corresponding benefits as an expense of the operator of the Shinkansen line after opening. Therefore, the burden of the operator is kept within the limits of the corresponding benefits.

With respect to the usage fees amount for the Takasaki–Nagano segment of the Hokuriku Shinkansen line opened in October 1997, JR East decided that the usage fees calculated by JRCC were within the limits of the corresponding benefits to result from the opening of that line and concluded an agreement with JRCC in September 1997. Also, JRCC received approval for those usage fees from the Minister of Transport in September 1997. Usage fees for fiscal 2004 totaled ¥19.8 billion (\$187 million), comprising the fixed amount calculated based on corresponding benefits of ¥17.5 billion (\$165 million) and taxes and maintenance fees of ¥2.3 billion (\$22 million).

In November 2002, JR East also concluded an agreement with JRCC regarding the usage fees amount for the Morioka–Hachinohe segment of the Tohoku Shinkansen line, which opened in December 2002. JRCC received approval for those usage fees from MLIT in November 2002. Usage fees for fiscal 2004 totaled ¥9.1 billion (\$86 million), comprising the fixed amount calculated based on corresponding benefits of ¥8.0 billion (\$76 million) and JRCC's taxes and maintenance fees of ¥1.1 billion (\$10 million).

(c) As well as being responsible for the construction of new Shinkansen lines, it is determined that JRTT procures construction costs and owns the facilities that it has constructed. JR East leases those facilities from JRTT after completion and pays the usage fees mentioned in b) above upon the commencement of the service. During the construction period, JR East is not required to directly assume JRTT's construction costs.

Compared with periods when there is no construction of new Shinkansen lines, costs related to new Shinkansen lines, such as depreciation costs on railcars and other costs, can have an impact on JR East's single-year revenues and expenses in the initial period after opening. However, given the character of usage fees mentioned in b) above, JR East believes that such factors will not have an impact on revenues and expenses over the 30-year period.

The JR Passenger Companies are required to assume the costs of "usage fees and other charges" as mentioned in (a) above. "Other charges" refers exclusively to the payment of usage fees before the commencement of services. However, such prior payment is required to be based upon agreements concluded following consultations between JR East and JRTT. Accordingly, it is assumed that JR East's position will be adequately reflected in such arrangements.

### Treatment of Conventional Lines Running Parallel to New Shinkansen Lines

In October 1997, at the time of the opening of the Takasaki–Nagano segment of the Hokuriku Shinkansen line, JR East abolished the Yokokawa–Karuizawa segment and separated the management of the Karuizawa–Shinonoi segment of the Shinetsu line. Further, in December 2002, at the time of the opening of the Morioka–Hachinohe segment of the Tohoku Shinkansen line, JR East separated the management of the Morioka–Hachinohe segment of the Tohoku line.

Also, an agreement reached between the national government and ruling parties in December 1996 stipulates that management of conventional line segments that run parallel to a new Shinkansen line should be separated from JR Passenger Companies when the new Shinkansen line commences operations. Pursuant to that agreement, when construction began on the Hachinohe–Shin-Aomori segment of the Tohoku Shinkansen line and the Nagano–Joetsu segment of the Hokuriku Shinkansen line in March 1998, JR East requested and received the agreement of local communities with regard to separation of the management of conventional lines that run parallel to those Shinkansen lines upon commencement of operation: the Hachinohe–Aomori segment of the Tohoku line and the Nagano–Naoetsu segment of the Shinetsu line.

Further, in December 2000 the national government and ruling parties agreed that in cases where JR Freight continues to use conventional lines for which management has been separated from JR Passenger Companies, line usage fees will be charged commensurate with the amount of usage. With regard to the resulting loss for JR Freight, it was decided to implement an adjustment by allocating a part of revenue from usage fees on the parallel Shinkansen line segment to JR Freight as required.

Accordingly, the Nationwide Shinkansen Railway Development Law enforcement ordinance was amended in October 2002. As a result, it became possible to appropriate usage fees paid by the JR Passenger Companies for amounts required by the JR Freight adjustment mechanism. Previously, as a general principle, usage fees had only been appropriated to cover the construction cost of Shinkansen lines.

#### JR East's Stance on Construction of New Shinkansen Lines

JR East's stance on the construction of new Shinkansen lines is as follows.

As the operator of new Shinkansen lines, JR East will only assume the burden of the abovementioned usage fees and other charges that are within the limit of corresponding benefits as a result of commencing Shinkansen line operations. Apart from those, JR East will not assume any financial burden other than usage fees and other charges.

The agreement of local communities is required to be confirmed with respect to the management separation from JR East of conventional lines parallel to new Shinkansen line segments.

Based on strict adherence to the abovementioned conditions, which JR East views as essential, JR East will continue to fulfill its responsibility as the operator.

An agreement of the national government and ruling parties reconfirmed those conditions in December 1996. And those

conditions continued to be firmly maintained at the time of opening the Takasaki–Nagano segment of the Hokuriku Shinkansen line and the Morioka–Hachinohe segment of the Tohoku Shinkansen line. In addition, the national government and ruling parties in December 1996 agreed that based on consultations and an agreement between the JR Passenger Companies and JRTT, prior payment of usage fees would be implemented. Consequently, the construction of the Hachinohe–Shin-Aomori segment of the Tohoku Shinkansen line and the Nagano–Joetsu segment of the Hokuriku Shinkansen line began in March 1998. Given the abovementioned reasons, JR East has estimated that those new Shinkansen line segments will not adversely affect the maintenance of its sound management base.

Further, a change to the abovementioned conditions and arrangements related to the construction of new Shinkansen lines could adversely affect JR East's financial position and business performance.

#### PLAN FOR DEVELOPMENT OF TOKYO STATION'S YAESU AREA Plan Overview

Twin high-rise towers are to be constructed on the north and south sides of the square on the Yaesu side of Tokyo station. A ground-level, central pedestrian deck with a large roof will connect the towers. Station facilities and shops will be located in the central area. The south tower and the upper floors of the north tower will contain leading-edge office space. A department store will occupy the lower floors of the north tower.

Total floor space will be roughly 360,000 square meters (north and south towers and central area), and the total cost of the project will be approximately ¥170 billion; JR East's share of the cost will be approximately ¥120 billion. Schedule

Summer 2004:	begin 1st phase of construction (south tower		
	and north tower's high block)		
Spring 2008:	complete 1st phase of construction;		
	begin 2nd phase of construction (central area		
	and north tower's low block)		
Spring 2011:	complete 2nd phase of construction		

#### JR East's Approach

The project is part of integrated efforts to redevelop the square in front of the Yaesu side of Tokyo station and to recreate the image of Japan's capital city. In addition, JR East believes that this project will add significant value to the Yaesu area of Tokyo station and contribute to JR East's transportation and nontransportation operations. However, while it is expected that, based on full consideration, this project will be profitable, JR East's financial position and business performance could be affected in the event that the project does not proceed according to the plan due to a variety of economic and operating environmental changes.

#### **SAFETY MEASURES**

Railway operations can potentially suffer significant damage resulting from natural disasters, human errors, terrorism, or other factors.

JR East regards ensuring safety as a major issue that fundamentally underpins its operations. In the period from its establishment through fiscal 2004, roughly 40%, or more than ¥1.4 trillion, of JR East's capital expenditure was allocated to safetyrelated investments. As a result, operational railway accidents, which totaled 96 in fiscal 2004, have decreased to roughly onefourth compared with JR East's first year of operations, when 376 accidents were recorded.

Specifically, JR East's safety-related efforts involve replacing and upgrading railcars and facilities and installing automatic halting devices that prevent train collisions. Furthermore, since the Great Hanshin-Awaji Earthquake in January 1995, JR East has expanded the implementation area of engineering projects to reinforce elevated railway tracks against earthquakes. Aiming to enhance the reliability of its transportation services, JR East is also extending the coverage of its Autonomous Decentralized Transport Operation Control System for major line segments in the Tokyo metropolitan area and implementing engineering works to prevent rain- and snow-related damage on Shinkansen lines. Further, JR East is upgrading equipment and conducting accident awareness campaigns to prevent accidents at railway level crossings.

### INFORMATION SYSTEMS AND PROTECTION OF CUSTOMERS' PERSONAL DATA

JR East uses many computer systems in a variety of transportation and non-transportation operations. Further, computer systems play an important role among travel agencies, Railway Information Systems Co., Ltd., and other companies with which JR East has close business relationships. If the functions of those computer systems were damaged as a result of human errors or natural disasters, this could have an impact on the operations of JR East. Moreover, in the event that customers' personal data stored in those computer systems were leaked to unrelated third parties due to computer systems becoming infected by viruses or human operational errors, it could affect the range of services offered by JR East and, by extension, its financial position and business performance.

JR East takes stringent measures to prevent damage, such as continuously upgrading the functions of in-house systems and training the related personnel. In the unlikely event of a system failure, JR East would minimize the impact by taking measures through an initial action framework that would be promptly set up and coordinated across all operational divisions.

Further, JR East is doing its utmost to ensure the strict management and protection of customers' personal data through in-house regulations, restricted authorization for access to customers' personal data, and audits conducted by customer data managers.

#### **DEVELOPMENT OF NON-TRANSPORTATION OPERATIONS**

JR East regards non-transportation operations as of equal importance to transportation operations in its management. In non-transportation operations, JR East is developing station space utilization, shopping centers & office buildings, and other services (advertising and publicity, hotel operations, housing development and sales, and other services).

In non-transportation operations, JR East faces the risk of a downturn in consumption associated with economic recessions or unseasonable weather, which could lead to lower revenues from its shopping centers, stores in stations, hotels, and other operations. Such eventualities could also adversely affect sales of advertisement services and housing. Furthermore, in housing development and sales operations, falling land prices could lead to losses on revaluation of real estate for sale or an increase in demands from tenants for rent reductions. Further, a fault in retail products or manufactured products, such as an outbreak of food poisoning or a similar incident, could reduce sales, damage trust in JR East, or result in the failure of tenants or business partners. The occurrence of any of those contingencies could have an impact on JR East's financial position and business performance. JR East's stations are used by roughly 16 million people every day (average number of passengers). JR East will fully leverage those stations as its largest management resource to develop operations. At the same time, JR East will enhance earnings and secure customer trust by implementing stringent hygiene management and credit controls.

#### **COMPETITION**

JR East's transportation operations compete with the operations of other railway, airline, automobile, and bus transportation companies. Furthermore, JR East's non-transportation operations compete with existing and newly established businesses. The competition of JR East's transportation and non-transportation operations with such rival operators could have an impact on JR East's financial position and business performance. In particular, intensified competition in the transportation market could adversely affect revenues from JR East's transportation operations. Such competition includes the opening of the Tsukuba Express, scheduled in autumn 2005; the opening of subway line No. 13, currently under construction, in fiscal 2008; an increase in flight services as a result of the enlargement of Haneda Airport; and stepped-up highway bus services between regional cities. Also, in non-transportation operations, JR East's competitiveness could lessen as the result of intensified competition created by the renewal or opening of nearby commercial premises. In suburban areas, customers and tenants could be drawn away from commercial facilities nearby stations by the increased openings of large-scale shopping centers. In addition,

the earnings of JR East's non-transportation operations could be affected by increasingly fierce competition that its hotel operations face from foreign-affiliated luxury hotels and economy business hotels and dedicated wedding reception facilities operated by domestic companies.

#### **REDUCTION OF TOTAL LONG-TERM DEBT**

At the end of fiscal 2004, total long-term debt was ¥3,974.5 billion (\$37,496 million). In addition, interest expense amounted to ¥160.9 billion (\$1,518 million) in fiscal 2004, which was equivalent to 45.8% of operating income.

JR East regards the reduction of total long-term debt (bonds, long-term debt, and liabilities incurred for the purchase of railway facilities) and of interest payments through refinancing for lower interest rates as important measures to heighten the stability of its management.

Accordingly, JR East has used a considerable portion of cash flows to reduce total long-term debt.

JR East believes that it will generate sufficient cash flows to continue reducing total long-term debt. However, calculating based on the age composition of JR East's employees, JR East could require large cash flows to pay retirement benefits. Since it is anticipated that this will have an impact on the future level of JR East's cash flows from operating activities, JR East may reduce the repayment amounts of its total long-term debt compared with past amounts. Recently, corporate social responsibility (CSR) has become an extremely important factor in corporate management thinking. While in the past companies tended to deal with CSR-related issues after the fact, today active CSR policies are regarded as crucial to earning stakeholder trust. With that in mind, JR East is committed to enriching society by offering new, value-added products and services in its daily operations. At the same time, JR East will maintain high ethical standards and management transparency while earnestly taking progressive measures in response to major issues facing society as a whole.

#### Implementation

#### JR East Group Implementation Systems

JR East's Committee on Ecology is involved with all aspects of JR East's environmental preservation efforts. The committee helps JR East's management team to supervise environmental policies effectively by assessing the environmental impact of JR East's operations, setting targets, implementing policies, and checking progress. Further, JR East successfully enhanced coordination among the environmental activities of subsidiaries by establishing the JR East Group Environmental Committee in fiscal 2003. In fiscal 2004, all subsidiaries attended the JR East Group Environmental Management Advancement Conference and confirmed JR East's environmental policy.

#### ISO 14001 Certification

In fiscal 1999, JR East's Niitsu Rolling Stock Plant became the first operational division of a railway company in Japan to acquire ISO 14001 certification. Since then, seven operational divisions—mainly factories and power plants—have obtained the certification.



Photovoltaic generator panel at Takasaki station



The electric power from the dedicated thermal power plant and other fuel types were calculated based on the actual consumption

**Environmental Management Implementation Structure** 

	Presiden	t		
Committee on Ecology				
Chairman of the Committee Vice Chairman of the Comm Corporate Planning Headqu Committee Members: General Managers of the foll Management Administration Technology Planning, Market Stock, Facilities, Life-style Bus Headquarters, Construction, Finance, Personnel, Health & Administration	ittee: Manager of arters (Vice President) swing departments: Investment Planning, ng, Transport & Rolling ness Development Public Relations,	Departments at the Head Office     Branch Offices       Committee on Ecology in Branch Offices       General Managers of branch offices, department managers, etc.		
Subcommittees	Departments in charge	Main activities		
Environmental management system	Management Administration dept.	Establishment and revision of goals and environmental measures		
Energy-efficient and clean energy	Facilities dept.	Energy-efficiency and the reduction of CO2 emissions		
Environmental pollutant management and reduction	Transport & Rolling Stock dept.	Reduction of environmental pollutants and ozone-layer depleting substances		
Zero emission	Facilities dept.	Reduction of waste volume and promotion of use of recycled products		
Green rail	Facilities dept.	Environmental conservation along railway lines and noise reduction		
Ecology technology	Technology Planning dept.	Development of environmental technologies		
Intermodal transportation	Marketing dept.	Reduction of environmental burden by enhanced integration of railways into the general transportation infrastructure		
Environmental business	Life-Style Business Development headquarters	Environmental contributions through business operations		

Moreover, several subsidiaries have received certification, including East Japan Eco Access Co., Ltd., LUMINE Co., Ltd., and the production and operational divisions of Nippon Restaurant Enterprise Co., Ltd.

#### **Environmental Risk Management**

JR East has prepared response manuals for spillages and other environment-related emergencies at power plants and rolling stock maintenance facilities that handle hazardous chemicals or substances. In addition, JR East thoroughly familiarizes workers on the ground with risk control procedures by holding study groups and on-site disposal drills.

> Years ended March 3 Million tons-CO2 3.12 2 66 53 2.54 112 0 '91 " '91 (Reference value) '03 (Target value) Other types of fuel Purchased electric power Dedicated thermal power plants Energy consumption by JR East electric alculation of CO2 emission factors from fuel and purchased electric power was based on the coefficient set forth in the Voluntary Action Plan established by Japan Business Federation and the Federation of Electric Power Companies of Japan.

Other preventative measures related to environmental accidents include JR East's adoption of strict chemical substance

Total CO<sub>2</sub> Emissions

#### **ENVIRONMENTAL PRESERVATION**

#### **Basic Approach**

#### Basic Philosophy (established May 1992)

JR East will diligently strive to reconcile environmental protection with its business activities.

#### Basic Policies (established May 1992)

- To contribute to customers' lives and local communities by providing a comfortable environment.
- To develop and provide the technology needed to protect the global environment.
- To maintain an awareness of environmental protection and raise the environmental awareness of employees.

#### Action Guidelines (established March 1996)

- JR East works to prevent the waste of precious energy and to reduce CO<sub>2</sub> emissions—a known source of global warming—by enhancing energy efficiency and introducing cleaner forms of energy.
- JR East ensures the proper management and processing of environmental pollutants and ozone-depleting substances, in compliance with laws and regulations. Moreover, JR East does its best to reduce the usage and generation of these substances and to adopt environmentally responsible substitutes when they are available.
- JR East ensures the appropriate processing of various types of waste generated in offices, establishments, stations, trains, and other operational areas. JR East strives to recycle waste and reduce the generation thereof and to use more recycled and resource-saving products to minimize the burden JR East places on the environment.
- JR East respects the natural environment as a nurturer and source of life, and therefore JR East endeavors to reduce noise and vibration caused by train operations, thus achieving a harmonious relationship with the communities it serves.
- JR East works to make railways a more attractive and environment-friendly form of transportation.

#### Goals to Be Met by Fiscal 2006 (benchmarked against fiscal 1991 levels; established March 1996, revised November 2000, partially revised September 2002)

- A 20% reduction of CO<sub>2</sub> emissions in general business activities
- Realization of an energy-saving railcar ratio of 80%
- A 30% reduction of CO<sub>2</sub> emissions in proportion to unit electric power generation at dedicated thermal power plant
- A 15% reduction in energy consumption for train operations in proportion to unit transportation volume
- An 85% reduction in the number of large-size refrigerating machines using specific chlorofluorocarbons (CFCs)
- Realization of a 40% recycling rate for waste generated in stations and trains
- Realization of a 75% recycling rate for waste generated in rolling stock workshops
- Realization of an 85% recycling rate for waste generated in construction projects
- Realization of 100% usage of recycled paper in offices
- Reduction of noise to less than 75dB in designated residential areas along the Tohoku Shinkansen and Joetsu Shinkansen lines\*
- A 60% reduction of NOx emissions at Company-run thermal power plant
- Implementation of specific environmental conservation activities on an annual basis
- \* Projected for achievement by fiscal 2003



Uniforms with synthetic fiber made from recycled PET bottles



Improvement of elevators and escalators





controls in line with Japan's recently enacted Pollutant Release and Transfer Register (PRTR) regulations, the avoidance of soil contamination, and the appropriate storage of PCBs (polychlorinated biphenyls).

#### **SOCIAL INITIATIVES**

#### **Revitalization of Local Communities**

JR East does not simply view railway stations as points of departure and return. JR East sees them as hubs of information and culture that bring many people together and make an important contribution to the vitality of local communities. Accordingly, some station buildings are adjoined to public facilities, such as community centers and libraries. Also, when JR East undertakes station refurbishments, it tries to coordinate development plans with those of local governments for areas around the stations.

#### East Japan Railway Culture Foundation

In March 1992, JR East established the East Japan Railway Culture Foundation, which has played an important role in using business achievements accumulated since JR East's founding to benefit society. Those contributions include promoting regional culture and sponsoring railway-related surveys, research, and international cultural exchanges.

In addition, JR East invites managers from railway companies around Asia to participate in business training courses organized by the foundation that cover railway management and technology. Also, the foundation completed the construction of a railway history exhibition hall in April 2003. Located in Shimbashi, Tokyo, the hall replicates the original Shimbashi station, from where Japan's first train departed in 1872. Further, the foundation plans to complete the construction of a railway museum in fiscal 2008. The museum will introduce railway technology and include displays of railway cultural heritage.

#### Forestation

Members of local communities and volunteers from among JR East's employees take part in JR East's *Railway Lines Forestation Program*. During the 12 years through fiscal 2004, roughly 29 thousand people have participated in the program and 230 thousand trees have been planted.

#### Union Internationale des Chemins de fer (UIC)

UIC is an organization that facilitates international cooperation among railway companies around the world. As an official member of the organization, JR East takes part in various initiatives and conferences that aim to promote the future development of railways by addressing various technological, managerial, and social issues.

Furthermore, JR East Chairman Masatake Matsuda is the vice chairman of UIC as well as chairman of one of UIC's decisionmaking bodies, the World Executive Council.



Sustainability Report 2003 http://www.jreast.co.jp/e/ environment/index.html



Image of JR East's planned railway museum



A scene of Railway Lines Forestation Program

- >> JR East is creating customer value and heightening customer satisfaction by introducing and developing applications for leading-edge, multipurpose technologies.
- >> JR East is taking steps to enhance its operational functions and efficiency by actively incorporating value engineering into production, service, maintenance, and other areas.

# On Track for World No. 1



## **SUICA**

- Suica was an IC card solely for railway services. Now, it is a dream IC card for a wide range of everyday purposes.
- > JR East's strategic project to expand services in and around stations is based on businesses that accept Suica. JR East is simultaneously promoting businesses that accept Suica and the increased usage of Suica for railway services.



## **TECHNOLOGY DEVELOPMENT**

 >> JR East aims to create the world's best railway system for safety, convenience, advanced technology, comfort, and efficiency. To that end, the Research & Development Center of JR East Group was established in December 2001. The center works to add value to products and services by making full use of advanced technologies for all railway-related and other operational systems.



# SUICA

#### SUICA OVERVIEW

In November 2001, JR East launched *Suica* (Super Urban Intelligent CArd), a system in which passengers use IC cards as commuter passes or stored-fare railway tickets. Previously, magnetic cards were used for those types of ticket. As a result, passengers can now pass through automatic ticket gates by just briefly touching them with their commuter pass cases containing *Suica*.

In addition to the coverage of *Suica* mainly in the Tokyo metropolitan area, JR East introduced the system at 65 conventional railway stations in the Sendai area in October 2003. With a population of more than one million, Sendai is the largest city in the Tohoku region. Also in October 2003, it became possible to use *Suica* commuter passes at certain Shinkansen stations. Through such efforts, JR East is increasing the coverage area of *Suica*. As of April 1, 2004, *Suica* could be used at a total 548 stations, including other railway companies' stations.

The number of *Suica* holders cleared the one-million mark only 19 days after the system's launch. Since then, their numbers have continued to climb. There were 9.0 million *Suica* holders as of the end of May 2004.

#### MERITS OF SUICA

#### Enhanced Convenience

Because *Suica* has a stored-fare function, even when commuter pass holders ride beyond the area covered by their passes, the outstanding

fare is automatically deducted as the passenger touches the pass against the automatic ticket gate. In addition, because the data stored in the IC chip and the printed information on the surface of the card are rewritable, the same card can be used to renew the period of validity of passes. Moreover, data on individual commuter passes is stored in JR East's servers, allowing the prompt reissue if a pass is lost.

#### **Reduced Maintenance Costs**

The *Suica* system also realizes dramatic savings on maintenance costs because of the negligible burden placed on the moving parts of the automatic ticket gates compared with magnetic cards.

#### **Demand Creation**

In November 2002, one year after the introduction of *Suica*, JR East carried out a questionnaire survey of approximately 4,000 people, the results of which confirmed that *Suica* is creating demand. Of the respondents who used *Suica*, approximately 45% said that JR East's services had become easier to use, 10% replied that they used JR East's services more often than before, and 5% stated that when they had a choice of lines to the same destination they had started using JR East.

#### Additional Station Space

The popularization of Suica will reduce the number of automatic ticket



vending machines at stations, which will enable JR East to exploit the space created for revenue-generating ventures.

#### **SUICA BEYOND STATIONS**

When JR East initially introduced *Suica*, it only had commuter pass and stored-fare railway ticket functions that mainly covered the Tokyo metropolitan area.

In July 2003, JR East issued *View Suica* card, which combines the functions of a *Suica* stored-fare railway ticket and JR East's *View Card* credit card. Holders can use the railway ticket function of *View Suica* card to travel on trains. At the same time, they can use it as a credit card to recharge the stored-fare or to make general purchases. JR East is considering the addition of a function that automatically charges the credit card if the amount of stored-fare is insufficient when a holder passes through an automatic ticket gate. JR East is also looking at combining *View Suica* card with *Suica* commuter passes.

Further, it became possible to use *Suica* as electronic money at 196 stores in 64 stations from March 2004. This new function has significantly increased convenience for *Suica* users. When traveling on trains or shopping at station stores, they no longer have to go through the process of taking money out of their wallets and receiving change. Without taking their *Suica* from its pass case, they can enjoy fast, trouble-free shopping. In addition to stores and shopping centers in stations, JR East will focus on introducing the system into downtown stores. By the end of fiscal 2005, JR East aims to realize a network of 1,000 stores that accept *Suica*.

#### FURTHER EVOLUTION OF SUICA

#### JALCARD Suica

Aiming for launch by the end of fiscal 2005, JR East plans to issue

JALCARD Suica as a new card that combines the functions of the JAL (Japan Airlines) Group's credit card and *View Suica* card.

JALCARD Suica will be issued as a comprehensive transportation card encompassing both ground and air transport. Through this new card, JR East aims to enhance customer convenience and generate overall demand for train and flight services.

#### Further Mutual Use Tie-Ups

From August 2004, it will become possible to use *Suica* in the coverage area of West Japan Railway Company's equivalent IC card and vice versa. JR East is preparing for similar mutual use tie-ups with other transportation companies in the Kansai region, which includes Osaka, with a view to starting services from fiscal 2006. And, plans call for the establishment of separate mutual use tie-ups with 48 transportation companies in the Kanto region, which includes Tokyo, from fiscal 2007.

#### Mobile Suica

In the second half of fiscal 2006, JR East will market a combined *Suica* and cell phone—*Mobile Suica*. As well as the existing *Suica* functions, enabling users to ride on trains and use electronic money, *Mobile Suica* will feature the following new cell phone related functions.

- Recharging of stored-fare railway tickets and purchasing of commuter passes anytime, anywhere by using the telecommunication function
- Viewing of Suica usage record and stored-fare remaining by using the display function

JR East is also considering the inclusion of a function that will enable Shinkansen boarding and seating reservation.



# **TECHNOLOGY DEVELOPMENT**

#### CONSTRUCTING THE WORLD'S NO. 1 RAILWAY SYSTEM

Based on the e@train concept, JR East conducts R&D aimed at constructing an unrivaled railway system. The e@train concept represents the newest and best form of "what the railway of the future should be." Aiming to realize the e@train concept, JR East has established six main development goals. To reach those goals, JR East's R&D focuses on safety, customer service, cost reduction, and the environment. The goals are as follows.

- Eliminate fatal accidents and injuries involving passengers and fatal accidents involving employees
- Provide accurate information to passengers and restore normal services promptly following service disruptions
- Cater to diversifying customer needs
- Enhance the comfort of Shinkansen travel
- Realize railcars and facilities with superior reliability and cost performance
- Create an environment-friendly railway network

### TAKING ON THE CHALLENGE OF CREATING A SHINKANSEN SURPASSING 300KM/H

Between fiscal 1988 and fiscal 2004, annual traffic volumes and revenues of JR East's Shinkansen services rose around 50%. Since 1987, mindful of the ongoing competition that airline companies pose, JR East has steadily honed the competitive edge of its Shinkansen high-speed transportation services.

Looking ahead, JR East has slated the extension of two of its Shinkansen line services (see page 20 for details). As JR East extends those lines, competition with airlines is likely to intensify. In order to win out against that competition, JR East must shorten travel times by further enhancing high-speed services—without sacrificing customer comfort or environmental compatibility.

Accordingly, with its sights set on achieving a top operational speed of 360km/h, JR East is preparing to build high-speed Shinkansen test railcars. Plans call for the completion of Shinkansen railcars in summer 2005 and hybrid Shinkansen railcars in spring 2006. Following the completion of those cars, JR East will conduct comprehensive operational trials through fiscal 2008.

#### DEVELOPING HYBRID *NE TRAIN* (NEW ENERGY TRAIN) RAILCARS

Aiming to reduce the burden that its operations place on the environment, JR East began trials of its *NE train* (New Energy train) in May 2003. The train's engine drives an electric generator. Electricity produced by the generator or electricity stored in a battery is used to drive the motor, which, in turn, moves the train. The *NE train* also has a regenerative braking system. When the train brakes, the motorImage of high-speed Shinkansen test railcars





**Operational Railway Accidents\*** 

acting as a generator—converts the kinetic energy created into electricity, which is stored in the battery.

Through its *NE* initiative, JR East aims to develop trains that use roughly 20% less energy than existing diesel trains. Moreover, the diesel engine used to drive the *NE train*'s electric generator will halve emissions of NOx and particulate matter (PM) when used in tandem with the hybrid system. JR East has minimized maintenance and realized performance levels equivalent to those of existing electric trains by using standard equipment for the railcar body, motor, control systems, and instruments in the driver's cabin.

#### ENHANCING MEASUREMENT TECHNOLOGY

In October 2002, JR East launched operations of *East i*, a train used to monitor Shinkansen line rail tracks and electric systems. Running at a maximum speed of 275km/h, the same speed as operational Shinkansen trains, *East i* records data related to malfunction and maintenance checks. JR East uses the results of those measurements for a variety of purposes, including time-series management and analysis.

JR East launched operations of a new monitoring train in April 2003, with a view to automating and increasing the efficiency of such evaluation activities for conventional railway lines.

#### AIMING TO BE THE WORLD'S SAFEST RAILWAY

JR East undertakes ongoing investment in equipment and employee training aimed at enhancing the overall safety levels of its railway system. In addition, JR East conducts R&D focused on preventing derailments and human errors and on measures for natural disasters.

In fiscal 2004, there were 96 operational railway accidents\* in the JR East network. This represents JR East's lowest ever number of accidents—

down roughly 75% from fiscal 1988, when JR East was established. JR East is committed to continuing rigorous efforts to eliminate accidents.

\* Train derailments and fatal accidents and injuries at such locations as level crossings and platforms.

#### INCREASING DEVELOPMENT POSSIBILITIES UNDER ELEVATED RAILWAY TRACKS

JR East has successfully created quiet environments underneath its elevated railway tracks by using new technology that it has developed jointly with Takenaka Corporation. The patent is pending for this new technology, which dramatically reduces noise and vibration when trains pass overhead. In February 2004, the opening of *Hotel Dream Gate Maihama* marked the first practical application of the new technology in Japan (see page 47 for details).

In the past, noise and vibration restricted the development of hotels or offices under elevated railway tracks. However, this new technology has opened up possibilities for the development of JR East's non-transportation businesses.

#### MANAGING INTELLECTUAL PROPERTY

JR East is working to further leverage its accumulated technologies through educational programs that are primarily focused on business model patenting. As of March 2004, JR East had a total of 2,137 patent applications, with 380 registered, and 604 trademark registration applications, with 589 registered.



#### Principal Businesses

**Business Composition** by Segment

#### TRANSPORTATION Shinkansen Network

High-speed train services linking Tokyo with major cities Tokyo Metropolitan Area Network Trains serving the Tokyo area, the largest market in Japan Intercity and Regional Networks Intercity transportation other than Shinkansen network and regional transporta-tion outside the Tokyo metropolitan area network Travel Agency Services View Plaza (travel agencies) and other outlets selling travel products **Bus Services** Bus services conducted in addition to railway operations







#### STATION SPACE UTILIZATION

Retailing Retailing activities, such as kiosk outlets and convenience stores, at stations and sales of snacks, drinks, and other goods inside trains

Restaurants Fast food stores and a variety of restaurants operated mainly at or near stations



#### SHOPPING CENTERS & OFFICE BUILDINGS

### Shopping Centers Leasing space to retailers and other tenants in shopping centers at stations Office Buildings Operation of buildings used primarily as office space







#### **OTHER SERVICES** Advertising and Publicity Advertising and publicity in stations and inside trains Hotel Operations Chain hotel businesses, including Metropolitan Hotels and HOTEL METS operated as part of the JR East Hotel Chain Information Services Information processing development, operations and support for Internet businesses, and related activities Housing Development and Sales Primarily the development and sales of housing sites, houses, and condominiums at locations along JR East's rail lines Credit Card Business The View Card, a credit card that is honored at stations, stores at stations, hotels, shopping centers and VISA, JCB, or MasterCard card member merchants Others Wholesale, truck delivery, cleaning, and other businesses



Operating revenues
 Operating income
# JR EAST'S COMPETITIVE ADVANTAGES

#### TRANSPORTATION

- >> JR East has the dominant market share for routes between Tokyo and most of the major cities in the Tohoku region.
- >> JR East's price competitiveness is strengthened because rival railway companies had to raise fares repeatedly to offset large-scale capital expenditures needed to increase transportation capacity.
- >>> JR East's development of a through service linking suburban cities in the northern and southern parts of the Tokyo metropolitan area has significantly altered passenger flows.
- >>> By enhancing its through services, JR East will win passengers, particularly commuter pass holders, from competitors' railway services.
- >> JR East will increase *Green Cars* (first class cars) on local trains to cater to passengers' seating needs and increase revenues.
- >> In fiscal 2004, approximately 80 thousand people used JR East's "breaks for seniors" travel packages, which have been created to cater to Japan's graying society.

#### NON-TRANSPORTATION

- >> Considerable scope remains for the development of non-transportation businesses, given JR East's large number of high-passenger-volume stations, which include 33 stations used by more than 200 thousand passengers a day and 55 stations used by between 100 thousand and 200 thousand passengers a day.
- >> Prospects are very favorable for JR East's convenience store operations, which boast average daily store sales approaching those of major convenience store chains in Japan.
- >> JR East is implementing a plan to make stations more attractive and profitable by developing new areas for commercial premises.
- >> Stations and nearby facilities and land owned by JR East are assets that can be leveraged to generate high profits.
- >> The 15 office buildings operated by JR East are performing extremely well. All of the buildings enjoyed 100% tenancy rates as of April 2004, thanks to the competitive advantages afforded by their prime locations that offer direct access to train stations.
- >>> Its numerous high-passenger-volume stations and railway services enable JR East to dominate Japan's main transportation advertising market—the Tokyo metropolitan area. JR East's transportation advertising business accounts for roughly 45% of that market in terms of revenues.
- >> As well as generating profits from real estate holdings, JR East's hotel operations achieve significant synergies with railway and travel agency businesses.
- >> By using a jointly developed construction method that dramatically reduces noise and vibration, JR East built its first-ever hotel under elevated railway tracks.

# **Review of Operations** Transportation SHINKANSEN NETWORK

#### OVERVIEW

For JR East, its Shinkansen services rank alongside its transportation services in the Tokyo metropolitan area as a mainstay business. JR East operates a five-route Shinkansen network that links Tokyo with five regions: Tohoku, Joetsu, Nagano, Yamagata, and Akita. Specially designed hybrid Shinkansen trains—capable of running on Shinkansen and conventional lines—serve the Yamagata and Akita regions.

The 631.9-kilometer Tohoku Shinkansen line runs between Tokyo and Hachinohe, with the fastest train on the line covering this distance in 2 hours and 56 minutes. Meanwhile, the 303.6-kilometer Joetsu Shinkansen line connects Omiya and Niigata. The minimum travel time to complete the 333.9-kilometer section between Tokyo and Niigata is 1 hour and 37 minutes. The 117.4-kilometer Nagano Shinkansen line extends from Takasaki to Nagano. The fastest train covers the 222.4-kilometer Tokyo–Nagano stretch of line in 1 hour and 23 minutes. A through service to a conventional line links



Tokyo and Shinjo and covers 421.4 kilometers. And, the Yamagata hybrid Shinkansen can complete that journey in as little as 3 hours and 14 minutes. Also, the Akita hybrid Shinkansen (a through service to conventional lines) covers the 662.6-kilometers between Tokyo and Akita in a minimum of 3 hours and 49 minutes.

Five-Route Shinkansen Network

#### TOPICS

# Continuing Strong Demand for *Hayate* Service on the Tohoku Shinkansen Line

For services linking Tokyo and the northern part of Japan's main island, JR East has taken decisive steps to heighten competitiveness with air routes. In December 2002, the Tohoku Shinkansen line was extended 96.6 kilometers, from Morioka to Hachinohe. A journey between Tokyo and Hachinohe on the quickest train now takes only 2 hours and 56 minutes—a saving of 37 minutes. To coincide with the launch of services between Morioka and Hachinohe, JR East unveiled its new E2-1000 series railcar, which enhances passenger comfort through full active suspension and low-noise pantographs. Moreover, JR East has simplified train schedules to make them easier to use. And, in response to increased demand for seating, JR East has introduced all-reserved-car Shinkansen.

Clearly, the extension of the Tohoku Shinkansen line to Hachinohe has significantly boosted demand for JR East's railway services. Compared with the *Hatsukari* limited express service on the previous conventional line, the new *Hayate* service achieved a more-than-50% rise in passenger numbers in the first half of fiscal 2004, even though the initial excitement following the service launch had abated.

The *Hayate* service has enabled JR East to capture a significantly larger share of the market for travel between Tokyo and the Aomori and Misawa areas. Before the launch of the *Hayate* service, JR East accounted for about 40% of that market. In the first half of fiscal 2004, that share jumped to roughly 70%. As a result, an airline suspended its service between Haneda Airport in Tokyo and Aomori Airport at the end of November 2003. Further, another airline reduced its daily services between Haneda Airport and Misawa Airport near Hachinohe from four to three in December 2002 and uses smaller airplanes for the remaining services.



Shinkansen trains



Hayate, E2-1000 series railcar operating on the Tohoku Shinkansen line

#### **Opening Honjo Waseda Station**

In March 2004, JR East opened its first new station on the Joetsu Shinkansen line since it came into operation in November 1982. The new station—Honjo Waseda—is situated about 90 kilometers north of Tokyo station. Waseda University has several facilities nearby the station, including the Graduate School of Global Information and Telecommunication Studies and a support facility for emerging industries. In addition, the university plans to establish an environment related graduate school in the area in April 2005.

The fastest train from Honjo Waseda station takes 49 minutes to reach Tokyo station. A total of 51 trains stop at the new station daily, mainly during the morning and evening rush hours, making the commute between Tokyo and Honjo Waseda more convenient. The construction of Honjo Waseda station was funded by local governments and contributions from businesses.

#### **Enhancing Joetsu Shinkansen Services**

To cater to growing passenger demand, JR East increased use of the all-double-decker E4 *Max* series Shinkansen during peak morning and evening commuting periods on the Joetsu Shinkansen line in March 2004. As a result, seat availability rose 15%. Also, JR East raised the operating speed from 210km/h to 240km/h on certain track sections for 11 round trips of the *Toki* Shinkansen service that connect with the conventional line *Hakutaka* limited express service at Echigo Yuzawa station, roughly 200 kilometers north of Tokyo.

In accordance with environmental noise regulations, the majority of trains on the Joetsu Shinkansen line operated up to a maximum speed of 210km/h as of March 2004. However, following the preparation of environmental measures, JR East intends to raise the top speed for all trains operating south of Echigo Yuzawa station to 240km/h.

#### **Bolstering Service Reliability**

JR East has completed a series of scheduled reinforcement projects aimed at preventing rain-related damage on its five Shinkansen lines.

In the past, JR East cancelled train services or reduced train operating speeds to ensure safety when rainfall intensity exceeded a specified level. However, JR East undertook reinforcement projects in areas nearby tracks to preempt rain-related damage. As a result, rain-related cancellations were, in principle, eliminated for the Nagano Shinkansen line from June 2002 and for the Tohoku Shinkansen and Joetsu Shinkansen lines from December 2002.

Also, JR East carried out similar reinforcement work on the Akita hybrid Shinkansen line. Due to those efforts, JR East was able to relax mandatory restrictions on train operations during heavy rain from June 2003. Moreover, JR East has eliminated rain-related cancellations for some sections of the Akita hybrid Shinkansen line and roughly halved cancellations and speed restrictions on the line. JR East also implemented similar measures for the Yamagata hybrid Shinkansen line in June 2002.

#### OUTLOOK

#### **Extending Shinkansen Lines**

Extension work is currently under way on the Hachinohe–Shin-Aomori segment of the Tohoku Shinkansen line and the Nagano–Toyama segment of the Hokuriku Shinkansen line. For the Hokuriku Shinkansen line, JR East will operate the section between Nagano and Joetsu (see page 20 for details).



Honjo Waseda station with E4 Max series Shinkansen



A scene of reinforced track on the Akita hybrid Shinkansen line

# **Review of Operations** Transportation TOKYO METROPOLITAN AREA NETWORK

#### OVERVIEW

The Tokyo metropolitan area network has a total of 1,106.1 operating kilometers, excluding Tokyo Monorail, that link central Tokyo with nearby suburban cities. Most of the network is within a 100kilometer radius of Tokyo station. JR East accounts for almost half of the Tokyo area's huge, highly profitable rail transportation market in terms of passenger kilometers and operating revenues (see page 88 for details).

#### TOPICS

#### **Competing with Other Railway Companies**

In Tokyo, competition is intensifying as operators of rival subway networks and other railway systems develop their networks and services. JR East is responding to this competitive environment by strengthening its network. JR East has a significant advantage in those expansion efforts because it is able to leverage established infrastructure without incurring large capital expenditures through such measures as developing new routes that share existing line segments with other services.

Meanwhile, JR East has not raised fares since its establishment in 1987, except to reflect consumption tax introduction and revision. In contrast, during the same period, most of the other major passenger railway companies have been compelled to raise fares repeatedly to offset sizable investments needed to boost capacity. As a result, JR East's price competitiveness has risen steadily.

Without fare increases or large capital expenditures, JR East has been able to achieve a capacity increase over the 17 years since its establishment equivalent to 2.7 times the average capacity of its major Tokyo competitors.

#### Easing Crowding

JR East has taken steps to alleviate crowding on main lines in the Tokyo metropolitan area during the morning rush hour by introducing new wide-bodied railcars and railcars with longer seats and by using commuter liners to segregate passenger flows. Consequently, average over-utilization rates have decreased from 238% in fiscal 1988, when JR East was established, to 194% in fiscal 2004. JR East is targeting an average over-utilization rate of between 180% and 190% for the Tokyo metropolitan area by fiscal 2006.

## Increasing Frequency of Services on the Shonan-Shinjuku Line

By sharing existing line segments with other services, JR East launched the Shonan-Shinjuku line in December 2001. This new route has already changed passenger flows by eliminating the need to change trains when traveling between suburban cities in the northern part and the southern part of the Tokyo metropolitan area. The route covers more than 180 operating kilometers.

Initially, the line carried 25 round-trip trains a day; however, that increased to 38 in December 2002 to raise morning and evening service volumes. Passenger numbers have grown from about 30 thousand a day to more than 60 thousand a day—partly as a result of passengers switching to the Shonan-Shinjuku line from the services of rival railway companies.

#### OUTLOOK

#### Strategically Expanding the JR East Transportation Network

JR East aims to simultaneously enhance passenger convenience and increase revenues by offering through services and seating services.

- Through services will enable JR East to win passengers from rival forms of transportation and to increase revenue by realizing superior convenience and shorter travel times.
- Seating services will enable JR East to increase revenue by allowing it to charge additional fees for those high-value-added services.



Rail lines around Tokyo



A view of Green Car (first class cars) railcars

#### Constructing a Track Overpass near Ikebukuro Station

To increase the number of trains operating on the Shonan-Shinjuku line, JR East has built elevated tracks to bypass a bottleneck created by a same-level intersection with another JR East line near lkebukuro station. In autumn 2004, plans call for increasing the number of trains operating on the Shonan-Shinjuku line, especially during the morning rush hour, from 38 round trips a day to 64.

JR East anticipates that increasing through services will encourage more passengers, particularly those using commuter passes, to change from competitors' train services to JR East services.

#### Introducing Green Cars

JR East local trains on certain lines include *Green Cars* (first class cars), which are used on average by 57 thousand passengers a day.

In autumn 2004, JR East will connect two double-decker *Green Cars* to local train services on further three lines. By adding those cars, JR East aims to cater to passengers' seating needs and increase revenues. And, JR East will introduce the *Green Car Suica* system, which reduces the need for on-board ticket inspection for *Suica* users.

#### Introducing New Railcars on the Joban Line

In 2005, JR East is planning to introduce the new E531 series train on the Joban line, one of the main lines in the Tokyo metropolitan area. The E531 series will be the first suburban train with a top speed of 130km/h. The introduction of that new train will shorten the travel time by roughly three minutes for the approximately 60 minutes of travel between Ueno and Tsuchiura. Further, JR East is considering the introduction of a rapid service that will shorten that journey by 10 minutes in order to strengthen competitiveness with the Tsukuba Express, which is due to come into service in autumn 2005.

#### **Taking Measures to Enhance Reliability**

JR East strictly adheres to regulations that mandate the cancellation of train services or the reduction of train operating speeds to ensure safety when rainfall intensity exceeds a specified level.

In the five-year period from fiscal 2005, JR East will take steps to eliminate service cancellations and raise permissible top operating speeds. JR East intends to undertake construction projects to mitigate rain damage at approximately 500 locations, mainly focusing on sections of track in the Tokyo metropolitan area that have a particularly significant impact on passenger flows. Upon completion of the works, JR East expects to reduce train delays and cancellations due to heavy rain roughly 40% in the Tokyo metropolitan area.

#### Aiming to Realize the Tohoku Through Line Concept

JR East aims to establish a new through route by laying additional double tracks between Ueno station, which is the terminus for northbound, medium-distance services, and Tokyo station, which is the terminus for southbound, medium-distance services. Service roll-out is slated for fiscal 2010.

JR East is confident that improvement of its network will heighten competitiveness with other railway companies by easing crowding, reducing travel times, and eliminating bothersome transfers.



A scene of reinforced track on a conventional line



Enhanced Tokyo Metropolitan Area Network Note: The stations and the lines in this map appear throughout the text, including in the non-transportation section.

# Review of OperationsTransportationINTERCITY AND REGIONAL NETWORKS, TRAVEL AGENCY SERVICES

## INTERCITY AND REGIONAL NETWORKS OVERVIEW



Intercity and regional networks cover 5,367.8 kilometers, accounting for more than 70% of JR East's total network. Those networks provide non-Shinkansen intercity services and regional services not covered by the Tokyo metropolitan area network.

The intercity network mainly comprises limited express trains. JR East continues to upgrade services with the introduction of new railcars, more frequent departures, and more convenient connections to Shinkansen lines. For the regional network, JR East is working to improve business performance by reflecting customer trends in train scheduling to promote travel by railway and by raising efficiency through such measures as the introduction of trains that can be operated by only one crew member.

Particularly in rural areas, the advantages of automobiles are increasing due to highway construction and improvements in local road networks. JR East is adapting to this changing environment by introducing a range of services aimed at coexistence with road travel. Such initiatives include park and ride, bus, and rent-a-car services.

#### TOPICS

#### Promoting Park and Ride

JR East is moving forward with the development of station parking lots, especially in regional cities, to meet the needs of passengers that drive to their nearest station and then travel by train to their destinations. As of the end of March 2004, over 500 stations had total parking lot capacity for approximately 60,000 vehicles.

#### Enhancing Convenience through Rail and Rent-a-Car

The rail and rent-a-car service enables passengers to ride comfortably to their destination by train and to enjoy the freedom of a rental car once they arrive. JR East introduced a service in April 1995 that allows passengers to rent cars at about half the standard rate. This service has proved popular, with roughly 150,000 passengers taking advantage of it in fiscal 2004.

# TRAVEL AGENCY SERVICES OVERVIEW

JR East sells travel packages mostly through its chain of *View Plaza* travel centers, mainly located in stations. In particular, JR East offers superior packages that leverage its railway network. JR East is working especially hard to offer travel packages that target specific types of customer based on detailed market research. Also, JR East advertises the attractions of such railway-centered travel packages and of packages developed in collaboration with regional communities through the Internet and other mass-media channels.

#### TOPICS

## Promoting Tourism from Overseas through the East Japan Railway Japan Bound Tour Operation Center

In July 2003, JR East started operations of the East Japan Railway Japan Bound Tour Operation Center, which arranges travel packages and group rail tickets for non-Japanese visiting Japan.



Park and ride services



A scene at a View Plaza travel center

JR East offers user-friendly travel packages for Japan through the JAL Group's overseas offices.

Japan's private and public sectors are currently making a concerted effort to revitalize the domestic economy by promoting tourism. The Japanese government has launched the "Visit Japan Campaign," which aims to increase the number of non-Japanese tourists visiting Japan from about 5 million a year to 10 million a year by 2010. The establishment of the East Japan Railway Japan Bound Tour Operation Center as a department dedicated to services for tourists from overseas is linked to that initiative. By focusing mainly on the areas covered by its railway operations, JR East intends to discover and publicize tourism resources while working with regional communities to develop and market attractive travel packages.

#### **Marketing Targeted Travel Packages**

One example of JR East's original targeted travel packages is its *Otona no Kyujitsu*, or "breaks for seniors." In fiscal 2004, about



Leaflet of Nombiri Komachi

80,000 passengers bought one of those products, which JR East markets to serve the needs of Japan's rapidly aging society. Another example is *Meguri-Hime*, or "touring princess," catering to middle-aged women that have been freed from childcare responsibilities and have increased leisure time. JR East sold about 30,000 of those packages in fiscal 2004. *Nombiri Komachi*,

or "relaxing tours for young women," is a product targeting working women in their late 20s and early 30s. In fiscal 2004, 60,000 customers chose this package. Further, in January 2004, JR East marketed *The Onsen*, or "hot springs," a new travel package brand focused on the appeal of real hot spring spas. These new products are earning a strong reputation as a new type of travel package that only offers authentic hot spring spas.

Amid the surfeit of travel-related information, JR East is successfully developing the brand presence of those travel packages. Customers highly evaluate JR East's products because each package has a clear concept, and JR East emphasizes communication with customers to find a trip that matches their individual preferences.

#### Strengthening eki-net Travel Services

JR East is continually working to raise customer convenience by enhancing automated sales methods. For example, in April 2001, JR East established the *eki-net* travel web site as a one-stop travel related ticketing service ("eki" is Japanese for railway station). By using the site, customers can reserve JR line tickets, air tickets, rental cars, hotel rooms, and a variety of travel packages. Further, in December 2002, JR East launched the *eki-net* discount system, which offers passengers discounted fares if they reserve tickets through *eki-net* and collect them from an automated ticket vending machine.

In May 2003, *eki-net* travel was chosen as the most-improved web site in a brand ranking of the web sites of about 800 major companies carried out by Nikkei BP Consulting Inc., an IT industry think tank. On a quarterly basis, Nikkei BP Consulting surveys the web sites of major companies nationwide from the user's viewpoint by assessing such factors as public awareness of site contents and traffic volumes.



RAIL PACKAGE to attract overseas tourists

World eki-net site http://www.world.eki-net.com/

# **Review of Operations** Non-Transportation STATION SPACE UTILIZATION

#### OVERVIEW

JR East stations—used by roughly 16 million passengers a day—are JR East's largest management resource. JR East operates a wide range of businesses, including retail outlets and restaurants, to enhance customer convenience and comfort and to raise profitability.

Many of JR East's stations have high passenger volumes; 88 stations are used by more than 100 thousand passengers a day, including 33 used by more than 200 thousand passengers a day. Given those volumes, there is clearly significant potential for the further development of non-transportation services.

#### TOPICS

#### Implementing a Station Renaissance Strategy

JR East is aggressively pursuing ways to take full advantage of the potential of stations—its largest management resource—based on the *Station Renaissance* business strategy, which aims to simultaneously make stations more attractive and raise profitability. In that initiative, JR East will seek to reflect the customer's viewpoint and raise the group's value. Specifically, JR East intends to reassess existing facilities thoroughly; optimize deployment of businesses for each station; and create space for new businesses.



Station Renaissance

As part of the *Station Renaissance* strategy, JR East developed stores and renewed existing stores to reflect the particular characteristics of respective stations at approximately 220 locations in the three-year period through March 2004, including 73 locations in fiscal 2004. JR East has worked to create stations that generate higher profits by offering pleasant, spacious environments that meet customer needs.

#### Developing Dila Station Shopping Malls

JR East operated shopping malls under the *Dila* trade name at nine stations as of June 2004. In May 2003, JR East opened a *Dila* shopping mall at Asagaya station, which is used by 88 thousand passengers a day. And, in November 2003, JR East unveiled a *Dila* shopping mall at Nishi-Ogikubo station, which is used by 80 thousand passengers a day. *Dila* shopping malls have been favorably received by customers due to the inclusion of JR East's *NEWDAYS* convenience stores and a variety of unique restaurants.

Both new malls, which opened on the completion of renewal work at the respective stations, are enhancing passenger convenience and contributing to revenues.

#### **Thriving Convenience Store Operations**

JR East operates a convenience store network as part of its retailing business in stations. Convenience store operations are an extremely promising business format, with average daily store sales approaching those of major convenience store chains in Japan. In fiscal 2002, JR East integrated and restructured convenience store operations previously dispersed among several subsidiaries—under the trade name *NEWDAYS*. Those efforts enhanced operational efficiency by increasing centralization of supply-related, logistical, and other systems. And, JR East expects that reorganization will increase the speed of future store network development.



Station Renaissance "Before & After" at Nishi-Ogikubo station



Note: The number of station users for each station represents twice the number of passengers embarking.



#### NEWDAYS

**Forging Alliances with Companies outside the JR East Group** JR East is pursuing tie-ups with companies outside the group in order to enhance its ability to address diversifying customer needs and to step up the pace of its business development. JR East is facilitating a variety of station store openings by such companies as Ryouhin Keikaku Co., Ltd., and Fast Retailing Co., Ltd.

In fiscal 2004, JR East formed an alliance with Shikoku Railway Company to take advantage of the booming popularity of sanuki udon, a type of Japanese noodle, and opened four noodle restaurants at high-passenger-volume stations in the Tokyo metropolitan area.

#### OUTLOOK

#### Developing Omiya, Shinagawa, and Tachikawa Stations

Several projects for the opening of new station concourses on artificial ground constructed above the railway tracks are slated for completion by the end of fiscal 2006. Construction currently under way at Omiya station, a terminal in the northern Tokyo metropolitan area used by 455 thousand passengers a day, is scheduled for completion in spring 2005. JR East aims to finish a concourse at Shinagawa station, a terminal in southern Tokyo used by 567 thousand passengers a day, in autumn 2005. And, plans call for the

opening of a concourse in fiscal 2006 at Tachikawa station in western Tokyo, which is used by 291 thousand passengers a day. Those construction projects aim to enhance the stations' appeal by creating barrier-free environments and easing crowding. At the same time, JR East aims to make the stations highly profitable by creating additional space for businesses.

In September 2003, JR East established wholly owned subsidiary JR East Station Retailing Co., Ltd. To take the fullest advantage of the merits of Omiya, Shinagawa, and Tachikawa stations and other stations, the new company will be responsible for designing and producing areas within stations that combine railway and commercial facilities and for managing commercial facilities.

#### **Upgrading Nishi-Funabashi Station**

JR East has also scheduled Nishi-Funabashi station for development, which it expects to complete by spring 2005. Nishi-Funabashi station, a seven-direction hub, is used by 212 thousand passengers a day. JR East plans to expand the station concourse and mitigate crowding by constructing artificial ground above railway tracks.

In addition to the abovementioned stations, JR East has slated development projects for terminal stations in prefectural capital cities and in other stations.



Image of Station Renaissance at Shinagawa station



Image of Station Renaissance at Tachikawa station

# **Review of Operations** Non-Transportation SHOPPING CENTERS & OFFICE BUILDINGS

#### OVERVIEW

JR East's stations and surrounding land are assets with the potential to generate high profits. JR East's shopping centers and office buildings businesses offer passengers convenient shopping at stations while enhancing profitability through revenue from commercial tenants. As of March 2004, JR East operated 118 shopping centers and 15 office buildings. In those operations, JR East aims to achieve a tenant mix that reflects customer needs, the nature of the site, and the characteristics of the local market.

#### TOPICS

#### Unveiling JR Shinagawa East Building



JR Shinagawa East Building

In March 2004, JR East opened the JR Shinagawa East Building at the east exit of Shinagawa station. Used by 567 thousand passengers a day, Shinagawa station is situated at the center of a rapidly expanding new business area.

This new development is a multipurpose building that includes offices and a shopping center. Each of the building's main floors—5th through 20th story—has 1,700

square meters of functional office space for rent that is ideally suited to the installation of various IT systems. The 2nd through 4th floors comprise the *atré Shinagawa* shopping center, which evokes the atmosphere of a prestigious commercial space through its tenant mix and sophisticated design inspired by "New York" style.

Shinagawa station has excellent transportation links with ready access to airports as well as a new Shinkansen station on the Tokaido Shinkansen line, opened by Central Japan Railway Company in October 2003.

#### Boasting a 100% Occupancy Rate

Fiscal 2004 saw the completion of a series of large-scale office building projects in downtown Tokyo, leading to an office space over-supply that became known as the "fiscal 2004 problem." Against this backdrop, JR East's 15 office buildings posted strong performances due to the considerable advantage afforded by direct station access. As of April 2004, the overall occupancy rate for those buildings was 100%.

#### Opening of Lumine Kawagoe

In February 2004, JR East unveiled a new *Lumine* shopping center at Kawagoe station, which is used by 71 thousand passengers a day. JR East has opened 11 shopping centers at stations under its *Lumine* trade name to date. This shopping center was developed by utilizing land freed up by the construction of Kawagoe's elevated station building.

The store's extensive lineup of high-profile products and services attracted 35 thousand customers on the first day of business.

#### Cutting the Tape for EKIST Shonan Hiratsuka

In December 2003, JR East opened *EKIST Shonan Hiratsuka* at Hiratsuka station, used by 115 thousand passengers a day. This new shopping center was constructed on JR East land that was freed up by the relocation of a warehouse at the station's south exit and provides a comprehensive range of everyday consumer services.

#### **Reorganizing Shopping Center Management Companies**

In April 2003, eight subsidiaries were merged into four, and, in April 2004, nine subsidiaries were merged into four. Through those mergers, JR East aims to enhance the competitiveness of shopping center operations by strengthening the companies' marketing capabilities, financial positions, and profitability.



Lumine Kawagoe





A scene in station-based nursery school at Omori station

#### **Developing Station-Based Nursery Schools**

JR East is developing nursery-school operations with a view to contributing to local communities and to enhancing its station services facilities. Based on evaluations of demand and in collaboration with local governments, JR East leases land or facilities abutting stations to nursery-school operators.

In April 2004, three station-based nursery schools were launched in northern Tokyo. And, as of June 2004 there were 13 nursery schools in total. Parents, particularly those in suburban areas with long commutes to work, have welcomed the convenient siting of those nursery schools next to stations. JR East anticipates that the new nursery schools will generate synergies as customers use other JR East commercial facilities nearby.

#### Attracting Customers through Ekipara\*

JR East is aggressively leveraging IT to further publicize its shopping centers at stations. For example, *Ekipara* is a portal web site that offers comprehensive information relating to JR East's shopping centers at stations. The web site aims to encourage customers to visit shopping centers at stations by including information on 7,000 shops in more than 100 shopping centers. In addition, *Ekipara* distributes an e-mail magazine and features a tenant shop search function. As of March 2004, the web site had a membership of 23,000. In fiscal 2004, the site received an average of 25,700 page views a day, and on certain days that number exceeded 60,000.

Furthermore, in July 2003 JR East launched *Keitai Ekipara*, a web site accessible by cell phones. As of March 2004, the site had a membership of 30,000.

\* http://www.ekipara.com/

#### OUTLOOK

Planning to Develop the Tokyo Station District

Tokyo station is centrally positioned in Tokyo and used by



Image of the multipurpose building on the Nihombashi side of Tokyo station

738 thousand passengers a day. In the area around the station, projects are under way to create city spaces and urban landscapes. In spring 2007, JR East will complete a multipurpose building with 34 floors above ground and 4 basement floors on the north, Nihombashi side of the station that will include office, conference, and hotel zones. The new building will be significantly differentiated from conventional office buildings by a direct link to Tokyo station that will give excellent accessibility and by its designation as a building for the promotion of exchange among companies' R&D organizations, consulting companies, and universities.

On the station's west, Marunouchi side, JR East plans to conserve and restore the historic station building to its original form. On the station's east, Yaesu side, plans call for the construction of twin 200-meter towers. Additionally, JR East will create squares on the east and west sides of the station. That series of construction projects is scheduled for completion in fiscal 2011.

#### **Constructing a Shopping Center at Odawara Station**

The construction of a shopping center at Odawara station is in progress as of June 2004. The station connects five lines, including those of other railway companies, and JR East alone accounts for 65 thousand passengers daily. Scheduled to open in summer 2005, the new building will have five upper floors and one basement floor and is being built on the previous site of the ground-level Odawara station concourse, which became obsolete following the construction of a new elevated concourse in March 2004.



Image of a shopping center at Odawara station



Development plans for the Yaesu district at Tokyo station

# **Review of Operations** Non-Transportation OTHER SERVICES

#### ADVERTISING AND PUBLICITY OVERVIEW

JR East's transportation advertising operations mainly focus on station concourses and railcars. In Japan, transportation is a major advertising medium. With respect to advertising revenues, it ranks higher than radio and next after television, newspapers, and magazines. Because JR East conducts its advertising operations focused on stations and lines that are used by large numbers of customers, it has a dominant share of the mainstay Tokyo metropolitan area market—roughly 45% in terms of revenues from transportation advertising.

For example, an 11-car Yamanote line train has space for about 2,000 separate highly visible advertisements. In addition to selling conventional station poster and signboard space, JR East is working to increase revenues by marketing unused station spaces, such as automatic ticket gates and floors.

#### TOPICS

JR East is aggressively developing new advertising mediums that boost sales for existing mediums and meet customer needs.

#### Leveraging IT

In April 2002, JR East introduced new railcars with two 15-inch visual displays above each door broadcasting information on the train's progress and advertisement videos, respectively. A very high proportion of passengers view the displays, which have become established as the first full-fledged moving-image medium in railcar advertising.

#### Advertising on Railcar Bodies

JR East began to sell advertising space on its railcar bodies in February 2002, after the Tokyo Metropolitan Government lifted a ban that had been imposed on such advertising because of aesthetic reasons.





Advertising on railcar bodies

# HOTEL OPERATIONS

Hotels are a powerful vehicle for generating income from real estate holdings and creating synergies with railway and travel agency operations. JR East operates several types of hotels, including city, business, and long-stay hotels. As of June 2004, JR East had a total of approximately 5,000 guest rooms in 40 hotels.

JR East seeks to strengthen the overall operation of its hotels by managing them as a single, integrated chain—*JR East Hotel Chain* that achieves economies of scale based on the utilization of the JR East network through such initiatives as joint advertising and purchasing. Further, JR East is working to build an efficient management organization and to bolster competitiveness by standardizing the chain's management systems.

#### TOPICS

#### **Developing Metropolitan Hotels**

Metropolitan Hotels are an important part of the JR East Hotel Chain. JR East operated 10 of those hotels mainly in the Tokyo



15-inch visual displays

Note: The number of station users for each station represents twice the number of passengers embarking.



HOTEL METS Mejiro

metropolitan area and at major terminal stations in regional cities as of June 2004. The hotels' prime locations nearby stations give them a competitive advantage. In addition, *Metropolitan Hotels* offer a range of sophisticated services that are optimally balanced among accommodation, restaurants, and facilities for receptions.

#### Improving the Quality of HOTEL METS

HOTEL METS are primarily business hotels that offer comfortable, reasonably priced rooms with facilities that are comparable with city hotel accommodation. JR East operated 15 HOTEL METS, primarily in the Tokyo metropolitan area, as of June 2004. JR East is steadily working to enhance the quality of HOTEL METS by developing know-how based on the ISO 9001 certified quality management system obtained by HOTEL METS Nagaoka.

In October 2003, JR East opened the 95-room *HOTEL METS Mejiro*, which is performing well due to its popularity among businesspeople and tourists.

#### **Reorganizing Hotel Management Company**

In April 2004, JR East sought to specialize the functions of its subsidiary—Ikebukuro Terminal Building Co., Ltd., by splitting it into a management company for shopping areas and office spaces, and a company, Hotel Metropolitan Co., Ltd., focused on hotel-related operations. JR East hopes that this division will enable swift, efficient management by clarifying responsibilities for respective operations and enhancing the autonomy and maneuverability of each company.

Further, JR East will reorganize its hotels in response to the increasingly intense competition among hotels centered on the Tokyo metropolitan area. In those efforts, Hotel Metropolitan Co., Ltd., will be positioned as the key hotel company of the *JR East Hotel Chain*.

#### Unveiling Hotel Dream Gate Maihama

In February 2004, JR East opened *Hotel Dream Gate Maihama* at Maihama station—situated at the entrance to Tokyo Disney Resort. The new hotel has 80 rooms, largely catering to the needs of families and tourist groups. Due in part to its reasonable prices, almost all of the guest rooms have been occupied since the hotel opened.

Hotel Dream Gate Maihama is the first hotel among the JR East Hotel Chain to be built under elevated railway tracks. In the past, such areas were unsuitable for the development of hotels or offices due to the vibration and noise caused by trains passing overhead. However, a new construction technique jointly developed by JR East and Takenaka Corporation has achieved a dramatic reduction of vibration and noise.

#### OUTLOOK

#### **Constructing HOTEL METS Akabane**

JR East is constructing the 120-room *HOTEL METS Akabane* at Akabane station, in northern Tokyo, which 170 thousand passengers use daily. The new hotel is slated to open in spring 2005.



Image of HOTEL METS Akabane



Hotel Dream Gate Maihama

### **Eleven-Year Summary**

East Japan Railway Company and Subsidiaries Years ended March 31

	1994	1995	1996	1997	
Operating results					
Operating revenues	2,343,346	2,447,955	2,473,200	2,513,790	
Operating expenses	1,902,465	2,034,546	2,059,384	2,097,388	
Operating income	440,881	413,409	413,816	416,402	
Net income	56,688	65,545	68,431	70,661	
Segment information (*1)					
Operating revenues from outside customers:					
Transportation	N/A	N/A	N/A	N/A	
Station space utilization	N/A	N/A	N/A	N/A	
Shopping centers & office buildings	N/A	N/A	N/A	N/A	
Other services	N/A	N/A	N/A	N/A	
Total	N/A	N/A	N/A	N/A	
Segment information (*2)					
Operating revenues from outside customers:					
Transportation	1,861,786	1,837,806	1,839,095	1,855,994	
Merchandise sales		355,958	357,598	363,403	
Real estate leasing				144,927	
Other services	161 698	254,191	276,507	149,466	
Total	2,343,346	2,447,955	2,473,200	2,513,790	
Financial Position			_//_ = = =		
Total assets	7,054,909	7,291,152	7,345,760	7,384,463	
Long-term debt (including current portion)		2,255,471	2,247,931	2,223,163	
Railway facilities purchase liabilities (including current portion) (*3)		2,912,176	2,851,373	2,812,547	
Total long-term debt (sum of two items above)		5,167,647	5,099,304	5,035,710	
Total shareholders' equity		621,292	669,291	719,510	
Cash flows (*4)		021,252	005,251	715,510	
Cash flows from operating activities	474,146	419,935	504,761	497,242	
Cash flows from investing activities		(351,321)	(342,507)	(419,923)	
Cash flows from financing activities		(54,251)	(99,288)	(77,240)	
Per share data	(142,302)	(34,231)	(99,200)	(77,240)	
	14 170	16 296	17 100	17.000	
Earnings		16,386	17,108	17,665	
Shareholders' equity		155,323	167,323	179,878	
Cash dividends (*5)	5,000	5,000	5,000	5,000	
Ratios					
Net income as a percentage of revenues		2.7	2.8	2.8	
Return on average equity (ROE)		10.9	10.6	10.2	
Ratio of operating income to average assets (ROA)		5.8	5.7	5.7	
Equity ratio		8.5	9.1	9.7	
Debt-to-equity ratio	1,100.9	1,070.3	994.6	923.4	
Other data					
Depreciation		288,138	275,589	274,133	
Capital expenditures (*6)	N/A	N/A	261,582	325,066	
Interest expense	314,903	291,266	279,783	256,063	
Number of consolidated subsidiaries (As of March 31)	12	69	72	73	
Number of employees (*7)		91,520		89,593	

\*1 The business segmentation was changed to four new segments beginning with the year ended March 31, 2002.

The information for the year ended March 31, 2001, has been reclassified according to the new business segmentation.

\*2 Real estate leasing was separated from other services beginning with the year ended March 31, 1998.

\*3 Long-term liabilities incurred for purchase of the Tohoku and Joetsu Shinkansen facilities, the Akita hybrid Shinkansen facilities, and the Tokyo Monorail facilities.

\*4 Due to a change in accounting standards, statements of cash flows after the year ended March 31, 2000, use presentation methods different to those of previous years. \*5 The total amount of dividends for the year ended March 31 comprises interim dividends for the interim period ended September 30 and year-end dividends for the

year ended March 31, which was decided at the shareholders' annual meeting in June. \*6

These figures exclude expenditures funded by third parties, mainly governments and their agencies, which will benefit from the resulting facilities.

\*7 Beginning with the year ended March 31, 2000, number of employees excludes employees assigned to other companies and employees on temporary leave.

\*8 Upon the merger of Japan Railways Group Mutual Aid Association into the Welfare Pension, the Company shared the shortage of the assets to be transferred amounting to ¥77,566 million. This was paid in a lump sum and was accounted for as a long-term prepaid expense included in the other item of other assets on the balance sheets and was charged to income from the year ended March 31, 1998, to the year ended March 31, 2002, on a straight-line basis. (See note 2 to consolidated financial statements)

2004	2003	2002	2001	2000	1999	1998
2,542,297	2,565,671	2,543,378	2,546,041	2,502,909	2,483,594	2,514,808
2,190,877	2,222,576	2,227,038	2,222,290	2,160,952	2,149,122	2,146,109
351,420				341,957	334,472	
	343,095	316,340	323,751	-		368,699
119,866	97,986	47,551	69,174	66,963	21,929	66,235
1 700 12	1 800 474	1 780 500	1 001 270	N1/A	N1/A	N1/A
1,798,132	1,800,434	1,789,599	1,801,370	N/A	N/A	N/A
366,438	368,961	368,553	348,994	N/A	N/A	N/A
175,180	170,321	165,276	165,818	N/A	N/A	N/A
202,547	225,955	219,950	229,859	N/A	N/A	N/A
2,542,297	2,565,671	2,543,378	2,546,041	N/A	N/A	N/A
N1/-	N1/A	N1/A	1 005 662	1 700 051	1 000 025	1 000 007
N/4	N/A	N/A	1,805,663	1,799,051	1,808,925	1,836,237
N/A	N/A	N/A	386,033	379,213	356,260	365,964
N/A	N/A	N/A	152,438	143,432	158,515	154,905
N/A	N/A	N/A	201,907	181,213	159,894	157,702
N/A	N/A	N/A	2,546,041	2,502,909	2,483,594	2,514,808
6,781,692	6,853,403	7,022,271	7,247,089	7,308,391	7,287,033	7,381,794
1,940,321	1,942,983	2,060,838	2,307,483	2,319,664	2,320,246	2,285,063
2,034,203	2,174,581	2,318,997	2,392,241	2,499,023	2,610,966	2,713,737
3,974,524	4,117,564	4,379,835	4,699,724	4,818,687	4,931,212	4,998,800
1,100,17	981,856	930,746	923,568	856,401	766,880	765,424
387,06	433,304	455,045	455,470	474,715	365,296	410,662
(234,59	(196,422)	(105,645)	(266,319)	(292,438)	(282,082)	(379,156)
(196,19	(310,658)	(433,589)	(161,109)	(168,133)	(72,298)	(52,674)
29,92	24,453	11,888	17,294	16,741	5,482	16,559
275,05	245,463	232,687	230,892	214,100	191,720	191,356
6,00	8,000	5,000	5,000	5,000	5,000	5,000
4.	3.8	1.9	2.7	2.7	0.9	2.6
11.	10.2	5.1	7.8	8.3	2.9	8.9
5.	4.9	4.4	4.4	4.7	4.6	5.0
16.	14.3	13.3	12.7	11.7	10.5	10.4
513.	594.6	650.7	681.5	750.4	846.9	861.3
	222 564			220 502	240.007	202 744
322,30	322,564	321,995	329,651	329,583	319,687	283,711
313,91	307,579	301,781	296,957	288,106	258,080	268,425
160,94	173,298	187,601	205,155	220,421	230,887	243,017
9	101	101	96	96	81	80
77,009	78,760	80,200	82,285	82,747	87,880	89,008

\*9 Net income decreased significantly in the year ended March 31, 1999, mainly because "cash charges for additional obligation related to transfer to Welfare Pension" was accounted for in other expenses. This additional obligation of ¥70,475 million, including the interest portion, was paid in accordance with the enactment of the Law for Disposal of Debts and Liabilities of the Japanese National Railways Settlement Corporation. (See page 79, "JR East Background—Disposition of Long-Term Liabilities of JNR")

\*10 Beginning with the year ended March 31,1999, the declining balance method has generally been applied with respect to depreciation for structures related to Shinkansen railway fixtures. The straight-line method had been applied prior to the year ended March 31, 1999.

\*11 Accounting Standards for Financial Instruments were adopted beginning with the year ended March 31, 2001. (See note 2 to consolidated financial statements)

\*12 Tax effect accounting was adopted beginning with the year ended March 31, 2000.
 \*13 Accounting Standards for Retirement Benefits were adopted beginning with the year ended March 31, 2001. (See notes 2 and 13 to consolidated financial statements)

#### Operating Revenues Years ended March 31

Billions of Yen



Other services
 Operating Revenues\*

#### Operating Income Years ended March 31

Billions of Yen 400 300 200 100 0 '00 '01 '02 '03 '04 Forward-looking statements in the following discussion and analysis are judgments of JR East as of March 31, 2004.

## KEY ACCOUNTING POLICIES AND ESTIMATES

JR East prepares financial statements in accordance with accounting principles generally accepted in Japan. Forward-looking estimates included in those financial statements are based on a variety of factors that, in light of JR East's past performance and circumstances, can be reasonably assumed to have affected results for assets and liabilities on the consolidated settlement date and consolidated revenues and expenses in fiscal 2004. JR East continuously assesses those factors. Actual results may differ materially from those estimates, given the uncertainty of forward-looking statements.

## PERFORMANCE

## Overview

During the fiscal year ended March 31, 2004, the Japanese economy continued to improve, with support from favorable exports and capital investment as well as a turn toward increased production in the second half of the fiscal year. Although the employment situation continued to be difficult, with unemployment remaining at a high level, consumer spending was steady and corporate profitability improved, and business conditions gradually began to pick up by the end of the fiscal year. In this economic environment, JR East worked to maximize revenues by making optimal use of its management resources, including the Shinkansen and other railway networks as well as stations. At the same time, JR East took steps to increase its operational efficiency, including thorough overall expense reviews and asset streamlining measures.

As a result, operating revenues decreased 0.9%, to ¥2,542.3 billion (\$23,984 million), due to a decline in revenues from the station space utilization segment and to a restructuring of the other services segment. However, operating income rose 2.4%, to ¥351.4 billion (\$3,315 million), as a result of reduced personnel expenses and other factors. Net income was up 22.3%, to ¥119.9 billion (\$1,131 million), as a result of a decline in interest expense stemming from a reduction in interest-bearing debt and a decrease in loss on sales of fixed assets and other factors.

#### Transportation

JR East worked to encourage rail travel and to generate revenues by enhancing the Shinkansen network and the conventional rail network in the Tokyo metropolitan area. Specifically, JR East promoted the *Attaka Kita-Tohoku* (heartwarming northern Tohoku)—*Hayate 1st Anniversary* campaign and worked together with the communities in the northern area of the Tohoku district to expand tourism demand to the region. In addition, JR East endeavored to boost tourism from the Tohoku and Shinetsu districts to Tokyo and worked to raise sales of ski travel products through the *JR SKI* campaign.

\* The business segmentation was changed to four new segments beginning with the year ended March 31, 2002. The information for the year ended March 31, 2001, has been reclassified according to the new business segmentation. A number of steps were taken to improve the Shinkansen network. On the Joetsu Shinkansen, Honjo Waseda station was opened and the maximum operating speed of the Joetsu Shinkansen *Toki*, which connects to the *Hakutaka* limited express service, was set at 240km/h, shortening the time to the Hokuriku district. The operating speed of the Tohoku Shinkansen was also increased. In the Tokyo metropolitan area, JR East increased train frequency in the morning peak hour on the Keihin-Tohoku line and Yokohama line, thereby alleviating overcrowding.

In IT-based services, JR East initiated *Suica*, a large-scale IC card automatic fare collecting system, in the Sendai area and began the *Suica FREX Commuter Pass* service, which adds *Suica* features to Shinkansen commuter passes.

As a result, the number of passengers increased from fiscal 2003 due to steady growth on the Shinkansen network and the conventional rail network in the Tokyo metropolitan area, as well as to the effect of the leap year in fiscal 2004.

However, operating revenues decreased 0.1%, to ¥1,798.1 billion (\$16,963 million). Although revenues from passenger tickets increased, revenues from railroad track usage fees were down and revenues from Tokyo Monorail declined as transportation volume decreased. Operating expenses declined 0.4%, to ¥1,587.9 billion (\$14,980 million), due to reduced personnel expenses following workforce reductions. Operating income increased 2.3%, to ¥262.8 billion (\$2,479 million).

#### **Station Space Utilization**

JR East continued to implement its Station Renaissance business strategy, the aim of which is to create new station environments for the 21st century. This business strategy includes large-scale development projects, principally targeting terminal stations in the Tokyo metropolitan area. In addition to completing two such projects in Tokyo, Dila Asagaya and Dila Nishi-Ogikubo, JR East renovated existing stores and conducted detailed store development at such stations as Sendai, Ikebukuro, Fukushima, and Kawagoe. In addition, JR East Station Retailing Co., Ltd., was established to conduct commercial development that creates new station environments and takes maximum advantage of the potential of stations.

However, as a result of sluggish sales at existing station outlets, operating revenues decreased 0.7%, to ¥366.4 billion (\$3,457 million), and, due to a 0.6% decline in operating expenses, to ¥348.9 billion (\$3,292 million), operating income declined 3.5%, to ¥27.2 billion (\$256 million).

#### **Shopping Centers & Office Buildings**

In Tokyo, JR East opened the large-scale *JR Shinagawa East Building*, which combines office and commercial space, and in the commercial zone of that building opened the shopping center, *atré Shinagawa*. JR East opened *Arcade Akabane* in Tokyo, a shopping center that effectively uses the space under elevated railway tracks, and continued to open shopping centers featuring outlets that are closely linked to lifestyles, such as eating and drinking establishments and stores for food and general merchandise. One example of such a shopping center opened during the year is *Lumine Kawagoe* in Saitama. In addition, a number of existing shopping centers were renovated, including *Shapo Motoyawata* and *Perie Inage* in Chiba, *Kokubunji L* in Tokyo, and *FES'AN* in Iwate. At the same time, JR East worked to bring in major retailers as tenants that have the ability to draw customers.

Measures to restructure group companies in this business segment included four mergers involving eight shopping center management companies. LUMINE Co., Ltd., merged with Lumine Ogikubo Co., Ltd.; Sendai Terminal Building Co., Ltd., with Fukushima Station Development Co., Ltd.; Mito Station Development Co., Ltd., with Tsuchiura Station Development Co., Ltd.; and Nagano Station Building Co., Ltd. (presently, Station Building MIDORI Co., Ltd.), with Matsumoto Station Building Co., Ltd. These mergers were designed to strengthen marketing capabilities and financial structures.

As a result, operating revenues increased 2.9%, to ¥175.2 billion (\$1,653 million). JR East promoted thorough low-cost operations, but operating expenses rose 1.4%, to ¥136.1 billion (\$1,284 million), due to the opening of new shopping centers and other factors. Operating income rose 6.3%, to ¥46.3 billion (\$437 million).

#### **Other Services**

In hotels, JR East opened HOTEL METS Mejiro, in Tokyo, and Hotel Dream Gate Maihama, which was built under elevated

railway tracks using a new construction method in Chiba. In advertising, JR East reviewed its product structure and charges for advertising on trains and at stations to boost the attractiveness of transportation advertising. At the same time, JR East introduced railcar body advertising on more lines and promoted sales of in-train video advertising. JR East also continued to establish and improve station advertising media and to target increased sales as part of its Station Renaissance business strategy. In housing development and sales, JR East conducted sales of housing properties, such as Makuhari Bay Town Marine Fort in Chiba and View Verger Annaka Haruna in Gunma, and commenced sales of Makuhari Bay Town Cities Fort in Chiba. In credit card business, JR East commenced services based on View Suica card, which combines the functions of the View Card credit card and Suica IO card. In addition, JR East expanded its lineup with the issuance of cards with the JCB and MasterCard brands, in addition to the VISA card that was already available. In March 2004, a Suica based shopping service (electronic money) started on a full-fledged basis.

However, operating revenues decreased 10.4%, to ¥202.5 billion (\$1,911 million), in part because of a withdrawal from the construction materials business by East Japan Railway Trading Co., Ltd. Operating expenses declined 8.6%, to ¥458.4 billion (\$4,325 million). Operating income increased 2.8%, to ¥17.9 billion (\$169 million), because of an increase in operating income from advertising and publicity, sport and leisure services, and other areas.

#### **Other Income (Expenses)**

Other expenses fell 14.1%, to ¥128.6 billion (\$1,212 million). JR East achieved a further reduction of interest expense on total longterm debt by lowering interest-bearing debt through the expansion of its cash management system for the integrated management of the group's cash and funding. Despite decisive steps to streamline assets, gains and losses on sales of fixed assets and gains on sales of investment in securities decreased. In fiscal 2003, JR East recorded devaluation losses on investment in securities, related to the shares of financial institutions and other organizations, and devaluation losses on fixed assets. However, JR East did not post such losses in fiscal 2004.

#### **Income before Income Taxes**

Income before income taxes climbed 15.2%, to ¥222.9 billion (\$2,103 million). Income before income taxes as a percentage of operating revenues increased from 7.5% in fiscal 2003 to 8.8%.

#### **Income Taxes**

The actual effective income tax rate, after applying tax effect accounting, decreased from 47.8% in fiscal 2003 to 44.8%. The aggregate standard effective tax rate was 41.8%. That reduction was primarily due to the recognition of devaluation losses on fixed assets recorded in other expenses as a valuation allowance amount against deferred income taxes in fiscal 2003.

# Minority Interests in Net Income of Consolidated Subsidiaries

Minority interests in net income of consolidated subsidiaries—mainly minority interests in income of Tokyo Monorail Co., Ltd., and Union Construction Co., Ltd.—increased 5.2%, to ¥3.1 billion (\$29 million).

#### Net Income

Net income was up 22.3%, to ¥119.9 billion (\$1,131 million), a record high for JR East. Earnings per share increased from ¥24,453 in fiscal 2003 to ¥29,928 (\$282). The ratio of net income to operating revenues rose from 3.8% in fiscal 2003 to 4.7% in fiscal 2004.

## LIQUIDITY AND CAPITAL RESOURCES Cash Flows

Net cash provided by operating activities decreased ¥46.2 billion, to ¥387.1 billion (\$3,651 million). While income before income taxes increased, payments of income taxes rose due to the abolishment of a tax break for accrued severance and retirement benefits as a result of an amendment to the tax system.

Net cash used in investing activities rose ¥38.2 billion, to ¥234.6 billion (\$2,213 million). In addition to a decline in proceeds from sales of fixed assets, JR East recorded increased payments for purchases of fixed assets that included the following items.

In transportation, JR East's capital expenditures mainly comprised investments aimed at ensuring safety, enhancing services for passengers, and upgrading transportation services. In station space utilization, capital expenditures primarily focused on the

#### Net Income



Cash Flows from Operating Activities Years ended March 31







construction and renewal of retail outlets at or near stations. In shopping centers & office buildings, capital expenditures were largely accounted for by the construction in Tokyo of the large-scale *JR Shinagawa East Building*, which combines office space and commercial premises, and the renewal of existing shopping centers. In other services segment, capital expenditures targeted the development and upgrading of information systems.

In addition, free cash flows declined ¥84.4 billion from fiscal 2003, to ¥152.5 billion (\$1,438 million).

Net cash used in financing activities was down ¥114.5 billion, to ¥196.2 billion (\$1,851 million), which was attributable to a ¥143.1 billion decrease in total long-term debt that was lower than the year-on-year reduction in fiscal 2003. As a result, cash and cash equivalents at end of year, which were ¥126.5 billion at the end of fiscal 2003, declined ¥43.6 billion, to ¥82.9 billion (\$782 million).

#### **Financial Policy**

Total long-term debt at the end of fiscal 2004 was ¥3,974.5 billion (\$37,496 million). That debt consists of long-term liabilities incurred for purchase of railway facilities associated with JR East's assumption of Shinkansen railway facilities and other facilities, bonds, and long-term loans.

Long-term liabilities incurred for purchase of railway facilities related to Tohoku and Joetsu Shinkansen lines are paid in equal semi-annual installments, consisting of principal and interest payments and are divided into the following three tranches.

- a. ¥1,195.9 billion (\$11,282 million)
  payable at a variable interest rate
  (annual interest rate in fiscal 2004:
  4.57%) through March 31, 2017.
- b. ¥445.7 billion (\$4,205 million) payable
   at a fixed annual interest rate of 6.35%
   through March 31, 2017.
- c. ¥356.9 billion (\$3,367 million) payable at a fixed annual interest rate of 6.55% through September 30, 2051.

(Amounts as of March 31, 2004) In addition to the abovementioned liabilities, JR East has long-term liabilities incurred for purchase of railway facilities of ¥20.2 billion (\$190 million) in relation to the Akita hybrid Shinkansen. Further, JR East has longterm liabilities of ¥15.5 billion (\$147 million) incurred for the purchase of Tokyo Monorail facilities.

From the fiscal year ended March 31, 1998, JR East made annual early repayments of a part of long-term liabilities incurred for purchase of railway facilities based on an agreement with Corporation for Advanced Transport & Technology, currently the Japan Railway Construction, Transport and Technology Agency. JR East made early repayments of ¥41.9 billion (\$396 million) in fiscal 2004. Plans call for annual early repayments through fiscal 2007.

In fiscal 2002, JR East introduced a cash management system that has integrated the management of the group's cash and funding, which used to be carried out separately by subsidiaries, with the aim of reducing JR East's total long-term debt. Also, JR East is enhancing capital management methods that include offsetting internal settlements among subsidiaries and consolidating payments by subsidiaries.

JR East believes that it has adequate cash flows to meet various capital-related demands. However, JR East expects that increases in retirement and severance benefit payments stemming from the demographic characteristics of JR East's workforce will affect future levels of cash provided by operating activities.

In the year ended March 31, 2004, JR East issued six unsecured straight bonds—with a total nominal amount of ¥140.0 billion (\$1,321 million), with maturities from 2008 through 2033—as follows.

Issue date	21 Apr. 2003	21 Apr. 2003	22 Oct. 2003	4 Dec. 2003	11 Dec. 2003	25 Mar. 2004
Maturity date	19 Mar. 2013	20 Dec. 2022	20 Sep. 2013	20 Sep. 2033	20 Sep. 2023	19 Mar. 2008
Amount	¥30 billion	¥10 billion	¥40 billion	¥10 billion	¥10 billion	¥40 billion
	(\$283 million)	(\$94 million)	(\$377 million)	(\$94 million)	(\$94 million)	(\$377 million)
Coupon	0.79%	1.19%	1.46%	2.47%	2.01%	0.39%

R&I, a Japanese rating agency, rated these bonds AA+. Further, JR East's long-term ratings from Standard & Poor's and Moody's were AA– and Aa2, respectively, through the fiscal year ended March 31, 2004.

In order to respond to short-term financing requirements, JR East has bank overdraft facilities with its principal banks totaling ¥60.0 billion. R&I and Moody's rated JR East's commercial paper a–1+ and P–1, respectively, as of the end of fiscal 2004. JR East had no outstanding commercial paper or bank overdrafts on March 31, 2004.

JR East does not maintain committed bank credit lines.

**Consolidated Balance Sheets** East Japan Railway Company and Subsidiaries March 31, 2003 and 2004

	Millions of Yen		Millions of U.S. Dollars (Note 2)	
	2003	2004	2004	
Assets				
Current Assets:				
Cash and cash equivalents (Note 3)	¥ 126,478	¥ 82,935	\$ 782	
Receivables:				
Accounts receivable-trade		151,062	1,425	
Unconsolidated subsidiaries and affiliated companies	5,202	5,152	49	
Other	20,838	21,723	204	
Allowance for doubtful accounts (Note 2)	(1,523)	(1,720)	(16)	
	185,484	176,217	1,662	
Inventories (Notes 2 and 4)	27,373	39,069	369	
Real estate for sale (Notes 2 and 5)	16,710	12,005	113	
Deferred income taxes (Note 12)	50,586	55,270	521	
Other current assets Total current assets	·	23,605 389,101	<u>224</u> 3,671	
nvestments: Unconsolidated subsidiaries and affiliated companies (Notes 2 and 6) Other (Notes 2 and 7)		38,004 113,463	359 1,070	
	119,986	151,467	1,429	
Property, Plant and Equipment (Note 2):				
Buildings	1,816,634	1,855,382	17,504	
Fixtures		4,885,143	46,086	
Machinery, rolling stock and vehicles		2,174,301	20,512	
Land		2,117,484	19,976	
Construction in progress	•	140,068	1,321	
Other		148,672	1,404	
	11,220,397	11,321,050	106,803	
Less accumulated depreciation		5,382,325	50,777	
Net property, plant and equipment	6,014,067	5,938,725	56,026	
Other Assets:				
Long-term deferred income taxes (Note 12)	140,212	159,702	1,507	
Consolidation difference (Note 2)		3,340	32	
Other	136,064	139,357	1,313	
	280,354	302,399	2,852	
	¥ 6,853,403	¥ 6,781,692	\$ 63,978	

		Millions of U.S. Dollars	
	Million	s of Yen	(Note 2)
	2003	2004	2004
Liabilities and Shareholders' Equity			
Current Liabilities:			
Short-term bank loans (Note 9)	¥ 4,418	¥ —	\$ —
Current portion of long-term debt (Note 9)	297,241	124,367	1,173
Current portion of long-term liabilities incurred for purchase of			
railway facilities (Note 10)	134,948	143,179	1,351
Prepaid railway fares received	114,682	104,909	990
Payables:			
Accounts payable-trade	59,794	47,884	452
Unconsolidated subsidiaries and affiliated companies	40,596	39,975	377
Other	383,513	382,527	3,609
	483,903	470,386	4,438
Accrued expenses	112,750	116,852	1,102
Accrued consumption tax (Note 11)	15,604	13,397	126
Accrued income taxes (Note 12)	97,029	68,479	646
Other current liabilities		28,177	266
Total current liabilities	1,295,897	1,069,746	10,092
Long-Term Debt (Note 9)	1,645,742	1,815,954	17,132
Long-Term Liabilities Incurred for Purchase of Railway Facilities (Note 10)	2,039,633	1,891,024	17,840
Accrued Severance and Retirement Benefits (Notes 2 and 13)	578,176	595,569	5,619
Deposits Received for Guarantees	214,817	196,006	1,849
Long-Term Deferred Tax Liabilities (Note 12)	5,198	3,781	36
Other Long-Term Liabilities	59,102	79,949	753
Minority Interests	32,982	29,487	278
Contingent Liabilities (Note 14)			
Shareholders' Equity (Notes 15 and 19):			
Common stock:			
Authorized 16,000,000 shares;			
Issued, 2003 and 2004—4,000,000 shares;			
Outstanding, 2003 and 2004—3,999,235 shares	200,000	200,000	1,887
Capital surplus:			
Additional paid-in capital	96,600	96,600	911
Total capital surplus	96,600	96,600	911
Retained earnings	679,196	771,233	7,276
Netained earnings		22 704	200
Net unrealized holding gains on securities	6,511	32,794	309
5		32,794 (451)	(4)
Net unrealized holding gains on securities			

# Consolidated Statements of Income East Japan Railway Company and Subsidiaries Years ended March 31, 2002, 2003 and 2004

		Millions of Yen		Millions of U.S. Dollars (Note 2)
	2002	2003	2004	2004
Operating Revenues (Note 16)	¥2,543,378	¥2,565,671	¥2,542,297	\$ 23,984
Operating Expenses (Note 16):				
Transportation, other services and cost of sales	. 1,712,324	1,712,629	1,695,026	15,991
Selling, general and administrative expenses	. 514,714	509,947	495,851	4,678
	2,227,038	2,222,576	2,190,877	20,669
Operating Income (Note 16)	. 316,340	343,095	351,420	3,315
Other Income (Expenses):				
Interest expense on short- and long-term debt	. (61,272)	(54,331)	(49,889)	(470)
Interest expense incurred for purchase of railway facilities	. (126,329)	(118,967)	(111,055)	(1,048)
Devaluation losses on investment in securities	. (89,218)	(17,029)	—	—
Loss on sales of fixed assets	. (33,365)	(28,869)	(10,674)	(101)
Social insurance charges (Note 2)	. —	_	(9,697)	(91)
Interest and dividend income	. 1,518	1,789	2,211	21
Equity in net income of affiliated companies	. 2,816	324	352	3
Gain on sales of investment in securities	. 104,330	17,134	12,816	121
Gain on sales of fixed assets	. 11,087	42,205	18,177	171
Devaluation losses on fixed assets	. —	(14,809)	_	_
Other, net	. (9,462)	22,866	19,204	182
	(199,895)	(149,687)	(128,555)	(1,212)
ncome before Income Taxes	. 116,445	193,408	222,865	2,103
ncome Taxes (Note 12):				
Current	. 108,403	150,114	142,901	1,348
Deferred	. (41,989)	(57,607)	(42,970)	(405)
Minority Interests in Net Income of Consolidated Subsidiaries	. (2,480)	(2,915)	(3,068)	(29)
Net Income	. ¥ 47,551	¥ 97,986	¥ 119,866	\$ 1,131
		Yen		U.S. Dollars (Note 2)
Earnings per Share (Note 2)	¥11,888	¥24,453	¥29,928	\$282

# Consolidated Statements of Shareholders' Equity East Japan Railway Company and Subsidiaries Years ended March 31, 2002, 2003 and 2004

				Millions of Yen		
	Number of Issued Shares of Common Stock	Common Stock	Capital Surplus	Retained Earnings	Net Unrealized Holding Gains on Securities	Treasury Stock
Balance at March 31, 2001	4,000,000	¥200,000	¥96,600	¥626,968	¥ —	¥ —
Increase due to addition of consolidated						
subsidiaries, and other	—	—	—	10	—	—
Increase due to addition of equity method						
affiliated companies	—	—	—	4,103	—	
Net income	—	—	—	47,551	—	
Cash dividends (¥5,000 per share)	—	—	—	(20,000)	—	
Bonuses to directors and corporate auditors	—	—	—	(176)	—	_
Decrease due to removal of equity method						
affiliated companies	—	—	—	(51,080)	—	
Adoption of new accounting standard for financia	l					
instruments (Note 2)			—		26,770	
Balance at March 31, 2002	4,000,000	200,000	96,600	607,376	26,770	
Increase due to addition of consolidated						
subsidiaries, and other	—	—	—	10	—	—
Net income	—	—	—	97,986	—	—
Cash dividends (¥6,500 per share)	—	—	—	(26,000)	—	—
Bonuses to directors and corporate auditors	—	—	—	(176)	—	—
Net unrealized holding losses on securities	—	—	—	—	(20,259)	—
Adoption of new accounting standard for						
treasury stock (Note 15)						(451)
Balance at March 31, 2003	4,000,000	200,000	96,600	679,196	6,511	(451)
Increase due to merger of nonconsolidated						
subsidiaries	—	—	—	177	—	—
Increase due to change in accounting period						
of consolidated subsidiaries	—	—	—	185	—	_
Net income	_		_	119,866	_	_
Cash dividends (¥7,000 per share)	_		_	(28,000)	—	
Bonuses to directors and corporate auditors	_		_	(191)	—	
Net unrealized holding gains on securities			_		26,283	_
Balance at March 31, 2004	4,000,000	¥200,000	¥96,600	¥771,233	¥ 32,794	¥(451)

	Millions of U.S. Dollars (Note 2)							
	Common Stock	Capital Surplus	Retained Earnings	Net Unrealized Holding Gains on Securities	Treasury Stock			
Balance at March 31, 2003	\$1,887	\$911	\$6,407	\$ 61	\$ (4)			
Increase due to merger of nonconsolidated subsidiaries Increase due to change in accounting period	_	_	2	_	_			
of consolidated subsidiaries	_	_	2	_	_			
Net income	—	—	1,131	—	_			
Cash dividends (\$66 per share)	—	—	(264)	—	_			
Bonuses to directors and corporate auditors	—	—	(2)	—	_			
Net unrealized holding gains on securities		—	_	248				
Balance at March 31, 2004	\$1,887	\$911	\$7,276	\$309	\$ (4)			

# Consolidated Statements of Cash Flows East Japan Railway Company and Subsidiaries Years ended March 31, 2002, 2003 and 2004

		Millions of Yen		U.S. Dollars (Note 2)	
	2002	2003	2004	2004	
Cash Flows from Operating Activities:					
Income before income taxes	¥ 116,445	¥ 193,408	¥ 222,865	\$ 2,103	
Depreciation (Note 16)	321,995	322,564	322,300	3,041	
Amortization of long-term prepaid expense	19,941	4,533	5,202	49	
Increase in accrued severance and retirement benefits	48,630	43,427	17,398	164	
Interest and dividend income	(1,518)	(1,789)	(2,211)	(21	
Interest expense	187,601	173,298	160,944	1,518	
Construction grants received	(51,914)	(65,382)	(79,708)	(752	
Devaluation losses on investment in securities	89,218	17,029	—		
Gain on sales of investment in securities	(104,330)	(17,134)	(12,816)	(121	
Loss from disposition and provision for cost reduction of fixed assets	78,421	86,233	106,572	1,005	
Decrease (Increase) in major receivables	(11,990)	(2,888)	2,242	21	
Increase (Decrease) in major payables	10,427	(15,234)	(5,497)	(52	
Other	40,867	(16,096)	(19,183)	(180	
Sub-total	743,793	721,969	718,108	6,775	
Proceeds from interest and dividends	1,957	1,924	2,367	22	
Payments of interest	(189,574)	(173,806)	(162,568)	(1,534	
Payments of income taxes		(116,783)	(170,846)	(1,612	
Net cash provided by operating activities	-	433,304	387,061	3,651	
Proceeds from construction grants Payments for purchases of investment in securities Proceeds from sales of investment in securities Cash decreased due to purchases of shares of companies newly consolidated, net of cash acquired Other Net cash used in investing activities	(6,677) 156,664 (12,085) 12,300	60,843 (12,408) 19,398 	76,765 (6,638) 23,057 	724 (63 218 	
ash Flows from Financing Activities:					
Proceeds from long-term loans	87,438	123,670	155,000	1,462	
Payments of long-term loans	(296,888)	(357,743)	(297,625)	(2,808	
Proceeds from issuance of bonds		115,983	139,914	1,320	
Payment for redemption of bonds				.,520	
Payments of liabilities incurred for purchase of railway facilities		(144,416)	(140,377)	(1,324	
Cash dividends paid		(26,000)	(28,000)	(264	
Other		(22,152)	(25,105)	(237	
Net cash used in financing activities		(310,658)	(196,193)	(1,85	
let Decrease in Cash and Cash Equivalents	(84,189)	(73,776)	(43,723)	(413	
ash and Cash Equivalents at Beginning of Year	283,817	200,022	126,478	1,193	
ncrease due to Addition of Consolidated Subsidiaries, and Other		232	189		
Decrease due to Change in Accounting Period of Consolidated Subsidiaries		_	(9)	(	
ash and Cash Equivalents at End of Year	-	¥ 126,478	¥ 82,935	\$ 782	

#### **Notes to Consolidated Financial Statements**

East Japan Railway Company and Subsidiaries Years ended March 31, 2002, 2003 and 2004

#### **1. INCORPORATION OF EAST JAPAN RAILWAY COMPANY**

In accordance with the provisions of the Law for Japanese National Railways Restructuring (the Law), the Japanese National Railways (JNR) was privatized into six passenger railway companies, one freight railway company and several other organizations (JR Group Companies), on April 1, 1987.

East Japan Railway Company (the Company) is one of the six passenger railway companies and serves eastern Honshu (mainland Japan) in Japan. The Company operates 70 railway lines, 1,697 stations and 7,526.8 operating kilometers as of March 31, 2004.

In the wake of the split-up of JNR, assets owned by and liabilities incurred by JNR were transferred to JR Group Companies, Shinkansen Holding Corporation and JNR Settlement Corporation (JNRSC). Most JNR assets located in eastern Honshu, except for the land and certain railway fixtures used by the Tohoku and Joetsu Shinkansen lines, were transferred to the Company. Current liabilities and accrued severance and retirement benefits, incurred in connection with railway and other operations in the allotted area, and certain long-term debt were assumed by the Company.

The transfer values were determined by the Evaluation Council, a governmental task force, in accordance with the provisions of the Law. In general, railway assets such as railway property and equipment were valued at net book value of JNR. Nonrailway assets such as investments and other operating property and equipment were valued at prices determined by the Evaluation Council.

The land and railway fixtures of the Tohoku and Joetsu Shinkansen lines were owned by Shinkansen Holding Corporation until September 30, 1991, and the Company leased such land and railway fixtures at a rent determined by Shinkansen Holding Corporation in accordance with related laws and regulations. On October 1, 1991, the Company purchased such Shinkansen facilities for a total purchase price of ¥3,106,970 million from Shinkansen Holding Corporation (See note 10). Subsequent to the purchase, Shinkansen Holding Corporation was dissolved. Railway Development Fund succeeded to all rights and obligations of Shinkansen Holding Corporation. In October 1997, Railway Development Fund and Maritime Credit Corporation merged to form Corporation for Advanced Transport & Technology. In October 2003, Japan Railway Construction Public Corporation and Corporation for Advanced Transport & Technology merged to form Japan Railway Construction, Transport and Technology Agency.

Prior to December 1, 2001, in accordance with the provisions of the Law for Passenger Railway Companies and Japan Freight Railway Company (the JR Law), the Company was required to obtain approval from the Minister of Land, Infrastructure and Transport as to significant management decisions, including new issues of stock or bonds, borrowing of long-term loans, election of representative directors and corporate auditors, sale of major properties, amendment of the Articles of Incorporation and distribution of retained earnings.

The amendment to the JR Law took effect on December 1, 2001 (2001 Law No. 61) and the Company is no longer subject generally to the JR Law, as amended (See note 9).

#### 2. SIGNIFICANT ACCOUNTING POLICIES

#### Basis of presentation of financial statements

The Company and its consolidated subsidiaries maintain their books of account in accordance with the Japanese Commercial Code and accounting principles generally accepted in Japan ("Japanese GAAP"). Certain accounting principles and practices generally accepted in Japan are different from International Financial Reporting Standards in certain respects as to application and disclosure requirements. The Company's and certain consolidated subsidiaries' books are also subject to the Law for Railway Business Enterprise and related regulations for a regulated company.

The accompanying consolidated financial statements have been restructured and translated into English from the consolidated financial statements prepared for Securities and Exchange Law of Japan purposes. Certain modifications and reclassifications, including the presentation of the Consolidated Statements of Shareholders' Equity, have been made for the convenience of readers outside Japan.

The consolidated financial statements are stated in Japanese yen. The translations of the Japanese yen amounts into U.S. dollars are included solely for the convenience of readers, using the prevailing exchange rate at March 31, 2004, which was ¥106 to U.S.\$1. The convenience translations should not be construed as representations that the Japanese yen amounts have been, could have been, or could in the future be, converted into U.S. dollars at this or any other rate of exchange.

#### Consolidation

The consolidated financial statements of the Company include the accounts of all significant subsidiaries (together, the "Companies"). The effective-control standard is applied according to Regulations Concerning Terminology, Forms and Method of Presentation of Consolidated Financial Statements in Japan (Regulations for Consolidated Financial Statements). For the year ended March 31, 2004, 98 subsidiaries were consolidated. One subsidiary was established and newly consolidated in the year ended March 31, 2004. Furthermore, four subsidiaries were deconsolidated in the year ended March 31, 2004 because of their merger with four other consolidated subsidiaries.

All significant intercompany transactions and accounts have been eliminated. Cost in excess of net assets of consolidated subsidiaries purchased is analyzed and allocated to appropriate accounts so long as the reason is clear and the remaining unknown portion is accounted for as consolidation difference. Such consolidation differences are amortized over 5 years on a straight-line basis.

In the elimination of investments in subsidiaries, the assets and liabilities of the subsidiaries, including the portion attributable to minority shareholders, are recorded based on the fair value at the time the Company acquired control of the respective subsidiaries.

#### **Equity method**

The effective-influence standard is applied according to Regulations for Consolidated Financial Statements. For the year ended March 31, 2004, two affiliated companies were accounted for by the equity method, and there was no change in those companies during that year.

Investments in unconsolidated subsidiaries and other affiliated companies are stated mainly at moving average cost since their equity earnings in the aggregate are not material in relation to consolidated net income and retained earnings.

#### Allowance for doubtful accounts

According to the Japanese Accounting Standards for Financial Instruments, the Companies provide the allowance based on the past loan loss experience for a certain reference period in general. Furthermore, for receivables from debtors with financial difficulty which could affect their ability to perform in accordance with their obligations, the allowance is provided for estimated unrecoverable amounts on an individual basis.

#### Inventories

Inventories are stated at cost as follows:

- Merchandise inventories: the retail cost method or first-in, first-out method;
- Rails, materials and supplies: the moving average cost method; and
- Other: the last purchased cost method

#### Real estate for sale

Real estate for sale is stated at the identified cost , which is reduced for significant decline in value. Devaluation losses on real estate for sale included in the other, net item of other expenses on the statements of income for the years ended March 31, 2002, 2003 and 2004 were ¥9,043 million, ¥347 million and ¥4,383 million (\$41 million), respectively.

#### Securities

Securities are classified and stated as follows:

- (1) Trading securities are stated at fair market value. The Companies had no trading securities through the years ended March 31, 2002, 2003 and 2004.
- (2) Held-to-maturity debt securities are stated at amortized cost.
- (3) Equity securities issued by subsidiaries and affiliated companies which are not consolidated nor accounted for using the equity method are mainly stated at moving average cost.
- (4) Available-for-sale securities are stated as follows:
  - (a) Available-for-sale securities with market value Available-for-sale securities with market value were mainly stated at moving average cost in the year ended March 31, 2001. According to the Japanese Accounting Standards for Financial Instruments, beginning with the year ended March 31, 2002, available-for-sale securities for which market quotations are available are stated at fair market value as of the balance sheet date. Net unrealized gains or losses on these securities are reported as a separate item in shareholders' equity at an amount net of applicable income taxes and minority interests. The cost of sales of such securities is determined mainly by the moving average method.
  - (b) Available-for-sale securities without market value Available-for-sale securities for which market quotations are not available are mainly stated at moving average cost.

If there are significant declines in the market values of heldto-maturity debt securities, equity securities issued by subsidiaries and affiliated companies which are not consolidated nor accounted for using the equity method or available-for-sale securities, the said securities are stated at market values in the balance sheet, and the difference between the market value and the original book value is recognized as a loss in the period. The Company's policy for such write-offs stipulates that if the market value as of the year end has declined by 50% or more of the acquisition cost of the said security, it should be stated at the market value. If the market value has declined by 30% or more but less than 50%, the said security should be written off by the amount determined as necessary after taking the possibility of market value recovery into account. Such losses amounted to ¥89,218 million and ¥17,029 million in the years ended March 31, 2002 and 2003, respectively. The Company did not have such losses in the year ended March 31, 2004.

#### Property, plant and equipment

Property, plant and equipment are stated at cost or the transfer value referred to in Note 1. To comply with the regulations, contributions received in connection with construction of certain railway improvements are deducted from the cost of acquired assets.

Depreciation is determined primarily by the declining balance method based on the estimated useful lives of the assets as prescribed by the Japanese Tax Law. Regarding the replacement method for certain fixtures, the initial acquisition costs are depreciated to 50% of the costs under the condition that subsequent replacement costs are charged to income. Certain property, plant and equipment of the consolidated subsidiaries were depreciated using the straight-line method. Buildings (excluding related fixtures) acquired from April 1, 1998 onward are depreciated using the straight-line method according to the Japanese Tax Law.

The range of useful lives is mainly as follows:

Buildings	3 to 50 years
Fixtures	3 to 60 years
Rolling stock and vehicles	3 to 20 years
Machinery	3 to 20 years

Devaluation losses on fixed assets recorded in the consolidated statements of income for the year ended March 31, 2003 mainly consist of losses on land of the Company that has not been used for any operation and is unlikely to be used practically in the future.

#### Accounting for the payment for transfer to Welfare Pension

At the merger of mutual aid associations of three public corporations including Japan Railways Group Mutual Aid Association (the Association) to the Welfare Pension (national pension) in accordance with the enforcement of revision of the Welfare Pension Law and the related regulations in 1996 (1996 Law No. 82), fund assets of the respective mutual aid associations were transferred to the Welfare Pension. The shortage of the assets to be transferred to the Welfare Pension from the Association was shared by JNRSC and JR Group Companies on the basis that JNRSC would be liable for the period during which each member of the Association was employed by JNR, and the JR Group Companies for the period during which the member of the Association was in their employment.

The portion shared by the Company amounting to ¥77,566 million was paid in a lump sum. This was accounted for as a long-term prepaid expense included in the other item of other assets on the balance sheet and was charged to income from the year ended March 31, 1998 to the year ended March 31, 2002 on a straight-line basis. As a result, amortization was completed in the year ended March 31, 2002.

#### Accounting for retirement benefits

Almost all employees of the Companies are generally entitled to receive lump sum severance and retirement benefits (some subsidiaries have adopted a pension plan of their own). The amounts of the severance and retirement benefits are determined by the length of service and basic salary at the time of severance or retirement of the employees. Previously, most of the Companies accrued a liability for such obligation equal to 40% of the amount required if all eligible employees had voluntarily terminated their employment at the balance sheet date.

The Japanese Accounting Standards for Retirement Benefits became effective beginning with the year ended March 31, 2001. The Companies accrue liabilities for post-employment benefits at the balance sheet date in an amount calculated based on the actuarial present value of all post-employment benefits attributed to employee services rendered prior to the balance sheet date and the fair value of plan assets at that date. The excess of the projected benefit obligations over the total of the fair value of plan assets as of April 1, 2000 and the liabilities for severance and retirement benefits recorded as of April 1, 2000 (the "net transition obligation") is being charged to income over 10 years from the year ended March 31, 2001 on a straight-line basis. The balance of unrecognized net transition obligation as of March 31, 2004 was ¥298,633 million (\$2,817 million).

The unrecognized prior service costs are amortized by the straight-line method and charged to income over the number of years (mainly 10 years) which does not exceed the average remaining service years of employees at the time when the prior service costs were incurred.

Actuarial gains and losses are recognized in expenses using the straight-line basis over constant years (mainly 10 years) within the average of the estimated remaining service lives commencing with the following year.

#### Accounting for certain lease transactions

Finance leases which do not transfer titles to lessees are accounted for in the same manner as operating leases under Japanese GAAP.

#### Accounting for research and development costs

According to the Accounting Standards for Research and Development Costs, etc., in Japan, research and development costs are recognized as they incur. Research and development costs included in operating expenses for the years ended March 31, 2002, 2003 and 2004 were ¥13,548 million, ¥15,310 million and ¥15,836 million (\$149 million), respectively.

#### Social insurance charges

Amendment of the Health Insurance Law and other laws led to the introduction of a total compensation system for health insurance and welfare pension insurance charges from April 1, 2003. As a result, the employer's contribution for summer wages in 2003 amounted to ¥9,697million (\$91 million) was included in other expenses in the statement of income for the year ended March 31, 2004.

#### Income taxes

Income taxes comprise corporation, enterprise and inhabitants taxes. Deferred income taxes are recognized for temporary differences between the financial statement basis and the tax basis of assets and liabilities.

#### Earnings per share

Effective April 1, 2002, the Companies adopted the new accounting standard for earnings per share (Accounting Standards Board Statement No. 2). The effect on earnings per share of the adoption of the new accounting standard was immaterial.

Earnings per share shown in the consolidated statements of income for the years ended March 31, 2003 and 2004 are computed by dividing income available to common shareholders by the weighted average number of common stock outstanding during the year according to the new accounting standards. Diluted earnings per share are not shown, since there are no outstanding securities with dilutive effect on earnings per share such as convertible bonds. If computed under this accounting standard and the related application guideline, earnings per share for the year ended March 31, 2002 would have amounted to ¥11,846.

#### **Derivative transactions**

All derivative transactions of the Companies are used for hedging purposes and are accounted for in the following manner:

- (1) Regarding forward exchange contracts and foreign currency swap contracts, the hedged foreign currency receivable and payable are recorded using the Japanese yen amount of the contracted forward rate or swap rate, and no gains or losses on the forward exchange contracts or foreign currency swap contracts are recorded.
- (2) Regarding interest rate swap contracts, the net amount to be paid or received under the interest rate swap contract is added to or deducted from the interest on the assets or liabilities for which the swap contract was executed.

#### Impairment of fixed assets

In August 2002, the Business Accounting Council issued "Opinion Concerning Establishment of Accounting Standards for Impairment of Fixed Assets." In consideration of preparation for implementation, the standards become effective for fiscal years beginning after March 31, 2005. An earlier adoption is permitted for fiscal years beginning after March 31, 2004 and also for fiscal years ending between March 31, 2004 and March 30, 2005.

The Companies have decided on early voluntary adoption of the standards in its financial settlement of accounts in the year ending March 31, 2005. The effect that this will have has not yet been determined.

#### 3. CASH AND CASH EQUIVALENTS

Cash and cash equivalents include all cash balances and highly liquid investments with maturities not exceeding three months at the time of purchase.

#### **4. INVENTORIES**

Inventories consist of rails, materials, supplies, merchandise and others.

#### **5. REAL ESTATE FOR SALE**

Real estate for sale represents the cost, as adjusted for significant decline in value, of land acquired and related land improvements in connection with residential home site developments in eastern Honshu.

#### 6. INVESTMENTS IN AND ADVANCES TO UNCONSOLIDATED SUBSIDIARIES AND AFFILIATED COMPANIES

Investments in and advances to unconsolidated subsidiaries and affiliated companies at March 31, 2003 and 2004, consisted of the following:

Millions of Yen		Millions of U.S. Dollars
2003	2004	
¥ 5,927	¥ 5,990	\$ 57
2,524	2,362	22
8,451	8,352	79
28,938	29,252	276
1,379	400	4
30,317	29,652	280
¥38,768	¥38,004	\$359
	2003 ¥ 5,927 2,524 8,451 28,938 1,379 30,317	2003         2004           ¥ 5,927         ¥ 5,990           2,524         2,362           8,451         8,352           28,938         29,252           1,379         400           30,317         29,652

#### 7. SECURITIES

For held-to-maturity debt securities with market value, amount on balance sheets and market value at March 31, 2003 and 2004, were as follows:

	Millions of Yen					Millions of U.S. Dollars			
		2003			2004		2004		
	Amount on			Amount on			Amount on		
	Balance	Market		Balance	Market		Balance	Market	
	Sheets	Value	Difference	Sheets	Value	Difference	Sheets	Value	Difference
Of which market value exceeds the									
amount on balance sheet:									
Government, Municipal bonds, etc	¥185	¥186	¥ 1	¥101	¥101	¥ 0	\$1	\$1	<b>\$</b> 0
Of which market value does not									
exceed the amount on balance sheet:									
Government, Municipal bonds, etc	150	150	(0)	234	234	(0)	2	2	(0)
Total	¥335	¥336	¥ 1	¥335	¥335	¥(0)	\$3	\$3	\$(0)

For available-for-sale securities with market value, acquisition cost and amount on balance sheets at March 31, 2003 and 2004, were as follows:

	Millions of Yen				Millions of U.S. Dollars				
		2003			2004		-	2004	
		Amount or	1		Amount on			Amount on	
	Acquisition	Balance		Acquisition	Balance		Acquisition	Balance	
	Cost	Sheets	Difference	Cost	Sheets	Difference	Cost	Sheets	Difference
Of which amount on balance sheet									
exceeds the acquisition cost:									
Equity shares	¥ 7,568	¥30,484	¥ 22,916	¥38,750	¥94,043	¥55,293	\$365	\$887	\$522
Debt securities	1,980	2,039	59	1,758	1,829	71	17	17	(0)
Of which amount on balance sheet									
does not exceed the acquisition cost:									
Equity shares	42,459	31,268	(11,191)	3,819	3,258	(561)	36	31	(5)
Debt securities	31	29	(2)	21	20	(1)	0	0	(0)
Other	34	29	(5)	_		_	_	_	
Total	¥52,072	¥63,849	¥ 11,777	¥44,348	¥99,150	¥54,802	\$418	\$935	\$517

Available-for-sale securities sold during the years ended March 31, 2003 and 2004 amounted to ¥18,640 million and ¥22,614 million (\$213 million), respectively. Within other income (expenses) on the statements of income for the years ended March 31, 2003 and 2004, gains on sales of availablefor-sale securities amounted to ¥17,099 million and ¥12,799 million (\$121 million), respectively, and were included in the gain on sales of investment in securities, and losses on sales of available-for-sale securities amounted to ¥249 million and ¥922 million (\$9 million), respectively, and were included in other, net. The major components of available-for-sale securities without

market value at March 31, 2003 and 2004, were as follows:

	Millio	Millions of U.S. Dollars	
	Millions of Yen		
	2003	2004	2004
Available-for-sale securities without market value:			
Unlisted equity securities	¥14,532	¥11,684	\$110
Preferred equity securities	1,000	1,000	9

Annual maturities of available-for-sale securities with maturities and held-to-maturity debt securities as of March 31, 2004, were as follows:

	Millions of Yen			Millions of U.S. Dollars		
		2004			2004	
		5 Years	10 Years		5 Years	10 Years
		or Less	or Less		or Less	or Less
	1 Year	But More	But More	1 Year	But More	But More
	or Less	than 1 Year	than 5 Years	or Less	than 1 Year	than 5 Years
Debt securities	¥29	¥2,049	¥10	\$0	\$19	\$0
Other	2	—	—	0		
Total	¥31	¥2,049	¥10	\$0	\$19	\$0

#### 8. PLEDGED ASSETS

At March 31, 2003 and 2004, buildings and fixtures with net book value of ¥41,679 million and ¥39,701 million (\$375 million) and other assets with net book value of ¥2,880 million and ¥690 million (\$7 million), respectively, were pledged as collateral for long-term debt and other liabilities totaling ¥8,628 million and ¥5,911 million (\$56 million), at the respective dates. In addition, at March 31, 2003 and 2004, buildings and fixtures with net book value of ¥51,334 million and ¥48,851 million (\$461 million) and other assets with net book value of ¥8,711 million and ¥8,517 million (\$80 million), respectively, were pledged as collateral for long-term liabilities incurred for purchase of the Tokyo Monorail facilities amounting to ¥22,335 million and ¥15,544 million (\$147 million) at March 31, 2003 and 2004, respectively (See note 10).

#### 9. SHORT-TERM BANK LOANS AND LONG-TERM DEBT

Short-term bank loans are represented by notes maturing generally within one year. The annual interest rates applicable to such loans outstanding at March 31, 2003 principally ranged from 0.43% to 1.88%. There were no short-term bank loans outstanding at March 31, 2004.

Long-term debt at March 31, 2003 and 2004, is summarized as follows:

			Millions of
	Milli	Millions of Yen	
	2003	2004	2004
General Mortgage Bonds issued in 1995 to 2001 with interest rates ranging from			
1.70% to 4.90% due in 2009 to 2021	¥ 629,900	¥ 629,900	\$ 5,942
Unsecured Bonds issued in 2002 to 2004 with interest rates ranging from			
0.39% to 2.47% due in 2008 to 2033	176,000	316,000	2,981
Secured Loans due in 2004 to 2016 principally from banks and insurance companies with			
interest rates mainly ranging from 4.70% to 5.80%	8,139	5,285	50
Unsecured Loans due in 2004 to 2021 principally from banks and insurance companies with	:h		
interest rates mainly ranging from 1.045% to 3.30%	1,040,984	901,176	8,502
7.25% Euro U.S. dollar bonds due in 2006	87,960	87,960	830
	1,942,983	1,940,321	18,305
Less current portion	297,241	124,367	1,173
	¥1,645,742	¥1,815,954	\$17,132
	-		

Issue and maturity years above are expressed in calendar years (ending December 31 in the same year).

Although the Company is no longer subject generally to the JR Law, as amended, all bonds issued by the Company prior to December 1, 2001, the effective date of the amendment to the JR Law, are and will continue to be general mortgage bonds as required under the JR Law which are entitled to a statutory

preferential right over the claims of unsecured creditors of the Company. Any bonds issued on or after December 1, 2001 are unsecured bonds without general mortgage preferential rights.

The 7.25% Euro U.S. dollar bonds in the amount of \$800 million were issued in October 1996. These bonds have been hedged by a foreign currency swap contract with a bank.

The annual maturities of long-term debt at March 31, 2004, were as follows:

		Millions of	
Year ending March 31,	Millions of Yen	U.S. Dollars	
2005	¥124,367	\$1,173	
2006	158,453	1,495	
2007	203,524	1,920	
2008	241,397	2,277	
2009	234,064	2,208	
2010 and thereafter	978,516	9,232	

#### **10. LONG-TERM LIABILITIES INCURRED FOR PURCHASE OF RAILWAY FACILITIES**

In October 1991, the Company purchased the Tohoku and Joetsu Shinkansen facilities from Shinkansen Holding Corporation for a total purchase price of ¥3,106,970 million payable in equal semiannual installments consisting of principal and interest payments in three tranches: ¥2,101,898 million and ¥638,506 million in principal amounts payable through March 2017; and ¥366,566 million payable through September 2051. In March 1997, the liability of ¥27,946 million payable in equal semiannual installments through March 2022 to Japan Railway Construction Public Corporation was incurred with respect to the acquisition of the Akita hybrid Shinkansen facilities. In February 2002, the Company acquired a majority interest in Tokyo Monorail Co., Ltd. As a result, the accompanying consolidated balance sheet as of March 31, 2002 includes liabilities of Tokyo Monorail Co., Ltd. amounting to ¥36,726 million payable to Japan Railway Construction Public Corporation in equal semiannual installments through September 2022.

The long-term liabilities incurred for purchase of railway facilities outstanding at March 31, 2003 and 2004, were as follows:

	Mill	Millions of Yen		
	2003	2004	2004	
The long-term liability incurred for purchase of the Tohoku and				
Joetsu Shinkansen facilities:				
Payable semiannually including interest at a rate currently approximating				
4.57% through 2017	¥1,305,700	¥1,195,872	\$11,282	
Payable semiannually including interest at 6.35% through 2017	467,289	445,747	4,205	
Payable semiannually including interest at 6.55% through 2051	357,963	356,868	3,367	
	2,130,952	1,998,487	18,854	
The long-term liability incurred for purchase of the Akita hybrid Shinkansen facilities:				
Payable semiannually at an average rate currently approximating				
0.29% through 2022	. 21.294	20,172	190	
The long-term liability incurred for purchase of the Tokyo Monorail facilities:				
Payable semiannually at an average rate currently approximating				
3.61% through 2022	22,335	15,544	147	
	2,174,581	2,034,203	19,191	
Less current portion:				
The Tohoku and Joetsu Shinkansen purchase liability	132,828	141,350	1,334	
The Akita hybrid Shinkansen purchase liability		1.076	10	
The Tokyo Monorail purchase liability		753	7	
	· · · · · · · · · · · · · · · · · · ·			
	134,948	143,179	1,351	
	¥2,039,633	¥1,891,024	\$17,840	

Maturity years above are expressed in calendar years (ending December 31 in the same year).

The annual payments of long-term liabilities incurred for purchase of railway facilities at March 31, 2004, were as follows:

		Millions of
Year ending March 31,	Millions of Yen	U.S. Dollars
2005	¥ 143,179	\$ 1,351
2006	146,890	1,386
2007	141,433	1,334
2008	99,555	939
2009	104,593	987
2010 and thereafter	1,398,553	13,194

#### **11. CONSUMPTION TAX**

The Japanese consumption tax is an indirect tax levied at the rate of 5%. Accrued consumption tax represents the difference between consumption tax collected from customers and consumption tax paid on purchases.

#### **12. INCOME TAXES**

The major components of deferred income taxes and deferred tax liabilities at March 3	1, 2005 and 20	Millions of	
	Millions of Yen		U.S. Dollars
	2003	2004	2004
Deferred income taxes:			
Accrued severance and retirement benefits	¥159,941	¥197,917	\$1,867
Reserves for bonuses	28,628	32,574	307
Devaluation losses on real estate for sale	—	9,973	94
Accrued enterprise tax	8,645	6,124	58
Excess depreciation and amortization of fixed assets	5,555	6,081	57
Devaluation losses on fixed assets	6,020	5,645	53
Loss carry forwards for tax purposes	3,019	2,233	21
Net unrealized holding losses on securities	4,538	_	
Other	22,155	20,444	194
	238,501	280,991	2,651
Less valuation allowance	(9,731)	(11,771)	(111)
Less amounts offset against deferred tax liabilities	(37,972)	(54,248)	(512)
Net deferred income taxes	¥190,798	¥214,972	\$2,028
Deferred tax liabilities:			
Tax deferment for gain on transfers of certain fixed assets	¥ 23,843	¥ 26,343	\$ 249
Net unrealized holding gains on securities	9,342	22,430	212
Valuation for assets and liabilities of consolidated subsidiaries	4,625	4,153	39
Other	5,382	5,104	48
	43,192	58,030	548
Less amounts offset against deferred income taxes	(37,972)	(54,248)	(512)
Net deferred tax liabilities	¥ 5,220	¥ 3,782	\$ 36

Income taxes consist of corporation, enterprise and inhabitants taxes. The aggregate standard effective rate of taxes on consolidated income before income taxes was approximately 41.8% for the years ended March 31, 2002, 2003 and 2004. After applying tax effect accounting, the actual effective income tax rate was approximately 57.0%, 47.8% and 44.8% for the years ended March 31, 2002, 2003 and 2004, respectively. For the years ended March 31, 2002, 2003, and 2004, the actual effective income tax rate differed from the aggregate standard effective tax rate for the following reasons:

	2002	2003	2004
The aggregate standard effective tax rate	41.8%	41.8%	41.8%
Adjustments:			
Non-deductible expenses for tax purposes	1.1	0.6	0.5
Non-taxable incomes	(0.9)	(0.5)	—
Per capita inhabitants tax	0.9	0.5	0.5
Equity on net income of affiliated companies	(1.0)	—	—
Tax credits	—	—	(1.0)
Increase in valuation allowance	—	—	0.9
Difference due to tax rate change	—	1.9	1.7
Devaluation losses on fixed assets	—	3.1	—
Adjustment of gain on sale of investment in equity method affiliated company	15.1	—	—
Other, net	0.0	0.4	0.4
The actual effective rate after applying tax effect accounting	57.0%	47.8%	44.8%

Effective for the years commencing on April 1, 2004 or later, according to the revised local tax law, income tax rates for enterprise taxes will be reduced as a result of introducing the assessment by estimation on the basis of the size of business. Based on the change of income tax rates, for calculation of deferred income taxes and deferred tax liabilities, the Companies used the revised aggregate standard effective tax rates for the years ended March 31, 2003 and 2004. As the result of the change in the aggregate standard effective tax rates, deferred income taxes decreased by ¥3,447 million and provision for deferred income taxes increased by ¥3,590 million and net income decreased by ¥3,613 million in the year ended March 31, 2003, compared with what would have been recorded under the previous local tax law. The impact on items relating to investment securities is immaterial.

#### **13. ACCRUED SEVERANCE AND RETIREMENT BENEFITS AND SEVERANCE AND RETIREMENT BENEFIT EXPENSES**

As mentioned in Note 2, beginning with the year ended March 31, 2001, the Companies adopted the Japanese Accounting Standards for Retirement Benefits, under which the liabilities and expenses for severance and retirement benefits are determined based on the amounts obtained by actuarial calculations.

The liabilities for severance and retirement benefits included in the liability section of the consolidated balance sheets as of March 31, 2003 and 2004, consisted of the following:

	Millio	Millions of U.S. Dollars	
·	2003	2004	2004
Projected benefit obligation	¥(932,919)	¥(899,814)	\$(8,489)
Plan assets	8,196	8,626	82
Unfunded projected benefit obligation	(924,723)	(891,188)	(8,407)
Unrecognized net transition obligation	348,464	298,633	2,817
Unrecognized actuarial differences	(11,734)	(21,510)	(203)
Unrecognized prior service costs	9,911	18,576	175
Book value (net)	(578,082)	(595,489)	(5,618)
Prepaid pension expense	(94)	(80)	(1)
Accrued severance and retirement benefits	¥(578,176)	¥(595,569)	\$(5,619)

Severance and retirement benefit expenses included in the consolidated statements of income for the years ended March 31, 2002, 2003 and 2004, consisted of the following:

	Millions of Yen			Millions of U.S. Dollars	
	2002	2003	2004	2004	
Service costs	¥ 37,696	¥ 36,569	¥ 40,218	\$ 379	
Interest costs	28,099	28,076	27,719	262	
Expected return on plan assets	(141)	(190)	(80)	(1)	
Amortization of net transition obligation	49,823	49,854	49,831	470	
Amortization of actuarial differences	(66)	344	(971)	(9)	
Amortization of prior service costs	1,197	1,234	2,177	21	
Severance and retirement benefit expenses	¥116,608	¥115,887	¥118,894	\$1,122	

The estimated amount of all retirement benefits to be paid at the future retirement date is allocated equally to each service year using the estimated number of total service years. The discount rates used by the Companies are mainly 3.0%. The rates of expected return on pension assets used by the Companies were mainly 3.0% in the years ended March 31, 2002 and 2003, and mainly 1.0% in the year ended March 31, 2004.
#### **14. CONTINGENT LIABILITIES**

The Company is contingently liable for the in-substance defeasance of general mortgage bonds issued by the Company, which were assigned to certain banks under debt assumption agreements.

#### **15. SHAREHOLDERS' EQUITY**

Effective on October 1, 2001, the Commercial Code provides that an amount equal to at least 10% of cash dividends and other cash appropriations shall be appropriated and set aside as a legal earnings reserve until the total amount of legal earnings reserve and additional paid-in capital equals 25% of common stock. The legal earnings reserve or additional paid-in capital may be used to reduce a deficit by a resolution of the shareholders' meeting or may be capitalized by a resolution of the Board of Directors. On condition that the total amount of legal earnings reserve and additional paid-in capital remains being equal to or exceeding 25% of common stock, they are available for distribution by the resolution of the shareholders' meeting. The legal earnings reserve is included in retained earnings in the accompanying consolidated balance sheets.

The maximum amount that the Company can distribute as dividends is calculated based on the non-consolidated financial statements of the Company and in accordance with the Commercial Code of Japan. Appropriations are not accrued in the financial statements for the period to which they relate, but are recorded in the subsequent accounting period when the The outstanding amount contingently liable under such debt assumption agreements at March 31, 2004 was ¥99,970 million (\$943 million).

shareholders' approval has been obtained. Retained earnings at March 31, 2004 include amounts representing the year-end cash dividends and bonuses for directors and corporate auditors, which were approved at the shareholders' meeting held in June 2004 as discussed in Note 19.

The Commercial Code of Japan allows companies to repurchase treasury stock by a resolution of the board of directors in adherence with articles of incorporation or by a resolution of the shareholders' meeting and to dispose of such treasury stock by a resolution of the Board of Directors.

Effective on April 1, 2002, the Companies adopted the new accounting standards for treasury stock and reversal of statutory reserves (Accounting Standards Board Statement No. 1).

As a result, the shares issued by the Company and held by its equity-method affiliated companies are reported as a treasury stock, a deduction item of shareholders' equity on the consolidated balance sheets. In fiscal 2003 and 2004, 765 shares, stated at ¥451 million (\$4 million), are recorded as treasury stock in the consolidated balance sheets.

#### **16. SEGMENT INFORMATION**

The Companies' primary business activities include (1) Transportation, (2) Station space utilization, (3) Shopping centers & office buildings and (4) Other services.

_	Millions of Yen										
	Transportation	Station Space Utilization	Shopping Centers & Office Buildings	Other Services	Elimination and/or Corporate	Consolidated					
2002:											
Operating revenues:											
Outside customers	¥1,789,599	¥368,553	¥165,276	¥219,950	¥ —	¥2,543,378					
Inside group	51,417	10,161	7,709	278,942	(348,229)						
	1,841,016	378,714	172,985	498,892	(348,229)	2,543,378					
Costs and expenses	1,605,431	351,904	134,491	482,808	(347,596)	2,227,038					
Operating income	¥ 235,585	¥ 26,810	¥ 38,494	¥ 16,084	¥ (633)	¥ 316,340					
Identifiable assets	¥5,713,944	¥142,815	¥750,135	¥547,150	¥(131,773)	¥7,022,271					
Depreciation	256,116	7,043	25,193	33,643	—	321,995					
Capital investments	267,178	11,890	24,176	49,641	_	352,885					

2003:       Operating revenues:         Outside customers       ¥1,800,434       ¥368,961       ¥170,321       ¥225,955       ¥       —         Inside group       51,183       10,148       7,463       292,867       (361,661)         1,851,617       379,109       177,784       518,822       (361,661)         Costs and expenses       1,594,874       350,974       134,265       501,364       (358,901)         Operating income       ¥256,743       ¥ 28,135       ¥ 43,519       ¥ 17,458       ¥ (2,760)         Identifiable assets       ¥5,668,361       ¥148,092       ¥733,801       ¥566,974       ¥(263,825)         Depreciation       253,959       8,100       25,807       34,698       —         Capital investments       296,052       9,111       22,348       41,149       —         2004:       Operating revenues:	Consolidated ¥2,565,671
2003:	
Operating revenues:       ¥1,800,434       ¥368,961       ¥170,321       ¥225,955       ¥       —         Inside group       51,183       10,148       7,463       292,867       (361,661)         Costs and expenses       1,594,874       350,974       134,265       501,364       (358,901)         Operating income       ¥256,743       ¥ 28,135       ¥ 43,519       ¥ 17,458       ¥ (2,760)         Identifiable assets       ¥5,668,361       ¥148,092       ¥733,801       ¥566,974       ¥ (263,825)         Depreciation       296,052       9,111       22,348       41,149       —         2004:       Operating revenues:       0utside customers       ¥1,798,132       ¥366,438       ¥175,180       ¥202,547       ¥       —         Inside group       52,552       9,605       7,235       273,805       (343,197)	¥2,565,671
Outside customers.       ¥1,800,434       ¥368,961       ¥170,321       ¥225,955       ¥       —         Inside group       51,183       10,148       7,463       292,867       (361,661)         1,851,617       379,109       177,784       518,822       (361,661)         Costs and expenses       1,594,874       350,974       134,265       501,364       (358,901)         Operating income       ¥ 256,743       ¥ 28,135       ¥ 43,519       ¥ 17,458       ¥ (2,760)         Identifiable assets       ¥5,668,361       ¥148,092       ¥733,801       ¥566,974       ¥ (263,825)         Depreciation       253,959       8,100       25,807       34,698       —         Capital investments       296,052       9,111       22,348       41,149       —         2004:       Operating revenues:       1       1,798,132       ¥366,438       ¥175,180       ¥202,547       ¥       —         Inside group       52,552       9,605       7,235       273,805       (343,197)	¥2,565,671
Inside group       51,183       10,148       7,463       292,867       (361,661)         Costs and expenses       1,851,617       379,109       177,784       518,822       (361,661)         Costs and expenses       1,594,874       350,974       134,265       501,364       (358,901)         Operating income       ¥ 256,743       ¥ 28,135       ¥ 43,519       ¥ 17,458       ¥ (2,760)         Identifiable assets       ¥5,668,361       ¥148,092       ¥733,801       ¥566,974       ¥ (263,825)         Depreciation       253,959       8,100       25,807       34,698       —         Capital investments       296,052       9,111       22,348       41,149       —         2004:       Operating revenues:       0utside customers       ¥1,798,132       ¥366,438       ¥175,180       ¥202,547       ¥       —         Inside group       52,552       9,605       7,235       273,805       (343,197)	,_,_,_,
1,851,617       379,109       177,784       518,822       (361,661)         Costs and expenses       1,594,874       350,974       134,265       501,364       (358,901)         Operating income       ¥ 256,743       ¥ 28,135       ¥ 43,519       ¥ 17,458       ¥ (2,760)         Identifiable assets       ¥5,668,361       ¥148,092       ¥733,801       ¥566,974       ¥ (263,825)         Depreciation       253,959       8,100       25,807       34,698       —         Capital investments       296,052       9,111       22,348       41,149       —         2004:       Operating revenues:       0utside customers       ¥1,798,132       ¥366,438       ¥175,180       ¥202,547       ¥       —         Inside group       52,552       9,605       7,235       273,805       (343,197)	_
Costs and expenses $1,594,874$ $350,974$ $134,265$ $501,364$ $(358,901)$ Operating income $¥ 256,743$ $¥ 28,135$ $¥ 43,519$ $¥ 17,458$ $¥ (2,760)$ Identifiable assets $¥5,668,361$ $¥148,092$ $¥733,801$ $¥566,974$ $¥ (263,825)$ Depreciation $253,959$ $8,100$ $25,807$ $34,698$ $$ Capital investments $296,052$ $9,111$ $22,348$ $41,149$ $$ <b>2004:</b> Operating revenues: $0$ utside customers $¥1,798,132$ $¥366,438$ $¥175,180$ $¥202,547$ $¥$ $-$ Inside group $52,552$ $9,605$ $7,235$ $273,805$ $(343,197)$	2,565,671
Operating income       ¥ 256,743       ¥ 28,135       ¥ 43,519       ¥ 17,458       ¥ (2,760)         Identifiable assets       ¥5,668,361       ¥148,092       ¥733,801       ¥566,974       ¥(263,825)         Depreciation       253,959       8,100       25,807       34,698       —         Capital investments       296,052       9,111       22,348       41,149       —         2004:         Operating revenues:       Outside customers       ¥1,798,132       ¥366,438       ¥175,180       ¥202,547       ¥       —         Inside group       52,552       9,605       7,235       273,805       (343,197)	2,222,576
Identifiable assets       ¥5,668,361       ¥148,092       ¥733,801       ¥566,974       ¥(263,825)         Depreciation       253,959       8,100       25,807       34,698       —         Capital investments       296,052       9,111       22,348       41,149       —         2004:       Operating revenues:       0utside customers       ¥1,798,132       ¥366,438       ¥175,180       ¥202,547       ¥       —         Inside group       52,552       9,605       7,235       273,805       (343,197)	¥ 343,095
Depreciation       253,959       8,100       25,807       34,698       —         Capital investments       296,052       9,111       22,348       41,149       —         2004:       Operating revenues:	1 313,033
Depreciation       253,959       8,100       25,807       34,698       —         Capital investments       296,052       9,111       22,348       41,149       —         2004:       Operating revenues:	¥6,853,403
Capital investments	322,564
2004: Operating revenues: Outside customers	368,660
Operating revenues:         ¥1,798,132         ¥366,438         ¥175,180         ¥202,547         ¥         —           Inside group         52,552         9,605         7,235         273,805         (343,197)	500,000
Operating revenues:         ¥1,798,132         ¥366,438         ¥175,180         ¥202,547         ¥         —           Inside group         52,552         9,605         7,235         273,805         (343,197)	
Outside customers         ¥1,798,132         ¥366,438         ¥175,180         ¥202,547         ¥         —           Inside group         52,552         9,605         7,235         273,805         (343,197)	
Inside group 52,552 9,605 7,235 273,805 (343,197)	¥2,542,297
1,050,004 570,045 102,415 470,552 (545,157)	2,542,297
Costs and expenses	2,190,877
	¥ 351,420
	+ 551,420
Identifiable assets	¥6,781,692
Depreciation	322,300
Capital investments	383,372
	505,572
Millions of U.S. Dollars	
Shopping	
Centers Elimination Station Space & Office Other and/or	
	Consolidated
2004:	
Operating revenues:	
Outside customers	\$23,984
Inside group	_
17,459 3,548 1,721 4,494 (3,238)	23,984
Costs and expenses	20,669
Operating income \$ 2,479 \$ 256 \$ 437 \$ 169 \$ (26)	\$ 3,315
Identifiable assets	
Depreciation	\$63,978

2,761

The main activities of each business segment are as follows:

Transportation:

Passenger transportation mainly by passenger railway;

Station space utilization:

Retail sales, food and convenience stores, etc., which utilize space at stations;

Shopping centers & office buildings:

Capital investments.....

Operation of shopping centers other than Station space utilization business, and leasing of office buildings, etc.; and

# Other services:

315

121

Advertising and publicity, hotel operations, wholesale, truck delivery, cleaning, information processing, housing development and sales, credit card business and other services.

420

3,617

Capital investments include a portion contributed mainly by national and local governments. Identifiable assets in the corporate column mainly comprise current and non-current securities held by the Company. Geographic segment information is not shown since the Company has no overseas consolidated subsidiaries. Information for overseas sales is not shown due to there being no overseas sales.

# **17. INFORMATION REGARDING CERTAIN LEASES**

Finance leases other than those which transfer ownership to lessees are accounted for in the same manner as operating leases. Under such finance leases, lease payments, which were charged to income for the years ended March 31, 2003 and 2004, amounted to ¥16,554 million and ¥15,864 million (\$150 million), respectively. Lease income which was credited to income for the years ended March 31, 2003 and 2004 was ¥3,644 million and ¥4,286 million (\$40 million), respectively. Future lease payments inclusive of interest were ¥41,111 million (\$388 million), including due in one year of ¥13,726 million (\$129 million), and future lease receipts inclusive of interest were ¥14,046 million (\$133 million), including due in one year of ¥4,281 million (\$40 million), at March 31, 2004.

Future lease payments for operating leases amount to ¥1,224 million (\$12 million), including those due within one year of ¥612 million (\$6 million), at March 31, 2004.

# **18. INFORMATION FOR DERIVATIVE TRANSACTIONS**

The Companies deal with forward exchange, foreign currency swap and interest rate swap transactions to hedge the risks resulting from future changes in foreign exchange rates and interest rates (market risk) with regard to bonds, loans and other obligations. The Companies believe there is extremely low risk of default by derivative transaction counterparties as all such transactions are with financial institutions having sound reputations.

Contracts for derivative transactions are executed only after prudent consideration by the finance section of each of the Companies and upon resolution of its Board of Directors or other appropriate internal approval process.

#### **19. SUBSEQUENT EVENTS**

At the June 2004 annual meeting, the shareholders of the Company approved (1) the payment of a year-end cash dividend of ¥3,000 (\$28) per share, aggregating ¥12,000 million (\$113 million) and (2) the payment of bonuses to directors and corporate auditors of ¥176 million (\$2 million). On April 30, 2004, the Company issued a 1.58% coupon unsecured bond due on March 19, 2014, with an aggregate nominal principal amount of ¥20,000 million (\$189 million), and a 2.26% coupon unsecured bond due on March 19, 2024 with an aggregate nominal principal amount of ¥10,000 million (\$94 million).



# Independent Auditors' Report

To the Board of Directors of East Japan Railway Company:

We have audited the accompanying consolidated balance sheets of East Japan Railway Company and consolidated subsidiaries as of March 31, 2004 and 2003, and the related consolidated statements of income, shareholders' equity and cash flows for each of the three years in the period ended March 31, 2004, expressed in Japanese yen. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to independently express an opinion on these consolidated financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in Japan. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of East Japan Railway Company and subsidiaries as of March 31, 2004 and 2003, and the consolidated results of their operations and their cash flows for each of the three years in the period ended March 31, 2004, in conformity with accounting principles generally accepted in Japan.

Without qualifying our opinion, we draw attention to the following.

As discussed in Note 2 to the consolidated financial statements, effective April 1, 2001, East Japan Railway Company and subsidiaries prospectively adopted the new Japanese accounting standards for market valuation for available-for-sale securities.

The U.S. dollar amounts in the accompanying consolidated financial statements with respect to the year ended March 31, 2004 are presented solely for convenience. Our audit also included the translation of yen amounts into U.S. dollar amounts and, in our opinion, such translation has been made on the basis described in Note 2 to the consolidated financial statements.

KPMG AZSA & Co.

Tokyo, Japan June 23, 2004



KPMG A25A & Cs., an audit corporation incorporated under the Japanese Cartified Public Accountants Law, is the Japan member firm of KPMG International, a favits concerning. (As of March 31, 2004)

# CONSOLIDATED SUBSIDIARIES

co	NSOCIDATED SOBSIDIANIES	Capitalization	Voting Right Percentage	
	Company Name (	Millions of Yen)	(Note 1)	Main Business Activities
	Tokyo Monorail Co., Ltd.	¥3,000	70.0%	Railway passenger transport services
	JR Bus Kanto Co., Ltd.	4,000	100.0	Bus services
3.	JR Bus Tohoku Co., Ltd.	2,350	100.0	Bus services
4.	East Japan Kiosk Co., Ltd.	3,855	90.9	Retail sales
	JR Takasaki Trading Co., Ltd.	490	100.0	Retail sales
6.	Tohoku Sogo Service Co., Ltd.	490	100.0	Retail sales
7.	JR East Station Retailing Co., Ltd. (Note 2)	480	100.0	Retail sales
8.	Juster Co., Ltd.	400	100.0	Retail sales and Hotel operations
9.	Shinano Enterprise Co., Ltd.	400	100.0	Retail sales
10.	Tokky Co., Ltd.	400	100.0	Retail sales and Hotel operations
11.	JR Kanagawa Planning & Development Co., Ltd.	370	100.0	Retail sales
12.	Keiyo Planning & Development Co., Ltd.	370	100.0	Retail sales and Hotel operations
13.	Mito Service Development Co., Ltd.	360	100.0	Retail sales and Hotel operations
_14.	JR Kaiji Planning & Development Co., Ltd.	350	100.0	Retail sales
15.	JR Atlis Co., Ltd.	310	100.0	Retail sales
16.	JR Utsunomiya Planning & Development Co., Ltd.	200	100.0	Retail sales
17.	JR Tokyo Planning & Development Co., Ltd.	120	100.0	Retail sales
18.	Nippon Restaurant Enterprise Co., Ltd.	730	91.3	Restaurant business, Retail sales, and Hotel operations
19.	JR East Food Business Co., Ltd.	721	99.9	Restaurant business
20.	LUMINE Co., Ltd.	2,375	89.5	Shopping center operations
21.	Shinjuku Station Building Co., Ltd.	1,943	80.8	Shopping center operations
22.	JR East Urban Development Corporation	1,450	100.0	Shopping center operations, Retail sales,
				and Hotel operations
23.	Utsunomiya Station Development Co., Ltd. (Note 3	8) 1,230	98.5	Shopping center operations
24.	Boxhill Co., Ltd.	1,050	88.6	Shopping center operations
25.	Omori Primo Co., Ltd.	1,000	85.5	Shopping center operations
26.	Kokubunji Terminal Building Co., Ltd.	1,000	84.5	Shopping center operations and Hotel operations
27.	Hachioji Terminal Building Co., Ltd.	1,000	78.5	Shopping center operations
28.	JR East Department Store Co., Ltd.	1,000	70.0	Shopping center operations
29.	Oyama Station Development Co., Ltd. (Note 3)	950	97.1	Shopping center operations
30.	Kawasaki Station Building Co., Ltd.	600	99.2	Shopping center operations
31.	Kameido Station Building Co., Ltd. (Note 4)	500	100.0	Shopping center operations
32.	Mito Station Development Co., Ltd.	500	96.6	Shopping center operations
33.	Koriyama Station Building Co., Ltd. (Note 5)	450	100.0	Shopping center operations
34.	Station Building MIDORI Co., Ltd.	450	94.6	Shopping center operations
35.	Lumine Chigasaki Co., Ltd.	400	82.8	Shopping center operations
36.	Aomori Station Development Co., Ltd.	400	81.3	Shopping center operations
	Kofu Station Building Co., Ltd.	400	77.3	Shopping center operations
	Akihabara Co., Ltd.	362	98.0	Shopping center operations
39.	Kumagaya Station Development Co., Ltd.	350	81.7	Shopping center operations
	Tetsudo Kaikan Co., Ltd.	340	73.1	Shopping center operations
				· - ·

	Company Name (	Capitalization (Millions of Yen)	Voting Right Percentage (Note 1)	Main Business Activities
41.	The EKIBIRU Development Co. TOKYO (Note 4)	¥ 300	100.0%	Shopping center operations and Real estate leasing
	Echigo Station Development Co., Ltd.	208	78.8	Shopping center operations
	Chiba Station Building Co., Ltd.	200	89.2	Shopping center operations
	Hirosaki Station Building Co., Ltd.	200	72.5	Shopping center operations
	Hiratsuka Station Building Co., Ltd.	200	56.0	Shopping center operations
	Yokohama Station Building Co., Ltd.	200	51.0	Shopping center operations
	Kinshicho Station Building Co., Ltd.	160	56.0	Shopping center operations
	Kamata Station Building Co., Ltd.	140	85.0	Shopping center operations
	Kichijoji Lonlon Co., Ltd.	130	80.0	Shopping center operations
	Tsurumi Station Building Co., Ltd.	100	58.5	Shopping center operations
	Iwaki Chuo Station Building Co., Ltd.	100	52.0	Shopping center operations
	Meguro Station Building Co., Ltd. (Note 4)	82	100.0	Shopping center operations
	Akita Station Department Store Co., Ltd. (Note 6)		52.0	Shopping center operations
	Abonde Co., Ltd.	30	65.3	Shopping center operations
	Ikebukuro Terminal Building Co., Ltd. (Note 7)	6,000	100.0	Hotel operations, Shopping center operations,
	,			and Real estate leasing
56.	Yamagata Terminal Building Co., Ltd.	5,000	96.0	Hotel operations and Shopping center operations
57.	Hotel Metropolitan Nagano Co., Ltd.	3,080	100.0	Hotel operations
	Hotel Edmont Co., Ltd.	2,400	97.0	Hotel operations
	Sendai Terminal Building Co., Ltd. (Note 5)	1,800	100.0	Hotel operations and Shopping center operations
	Akita Terminal Building Co., Ltd. (Note 6)	1,500	89.7	Hotel operations and Shopping center operations
61.	Morioka Terminal Building Co., Ltd.	900	80.6	Hotel operations and Shopping center operations
62.	Takasaki Terminal Building Co., Ltd.	780	71.2	Hotel operations and Shopping center operations
63.	Nippon Hotel Co., Ltd.	150	84.3	Hotel operations
64.	East Japan Marketing & Communications, Inc.	250	100.0	Advertising and publicity
65.	Tokyo Media Service Co., Ltd.	104	100.0	Advertising and publicity
66.	The Orangepage, Inc.	500	98.7	Publishing
67.	View World Co., Ltd.	450	51.0	Travel agency services
68.	East Japan Railway Trading Co., Ltd.	560	100.0	Wholesale
69.	JR East Japan Logistics Co., Ltd.	100	100.0	Truck delivery services
70.	JR East Logistics Platform Co., Ltd.	100	100.0	Supply Chain Management
71.	JR East Japan Information Systems Company	500	100.0	Information processing
72.	JR East Netstation Company	460	100.0	Information processing
73.	JR East Management Service Co., Ltd.	80	100.0	Information services
74.	JR East Personnel Service Co., Ltd.	100	100.0	Seminar and staff sending business
75.	East Japan Eco Access Co., Ltd.	120	100.0	Cleaning services
	Shinkansen Cleaning Service Co., Ltd.	38	38.6 (61.4)	Cleaning services
77.	Kanto Railway Servicing Co., Ltd.	38	35.6 (64.4)	Cleaning services
78.	East Japan Railway Servicing Co., Ltd.	38	29.0 (71.0)	Cleaning services
	JR Technoservice Sendai Co., Ltd.	25	100.0	Cleaning services
80.	Niigata Railway Servicing Co., Ltd.	17	88.2	Cleaning services
	East Japan Amenitec Co., Ltd.	13	100.0	Cleaning services
	Chiba Railway Servicing Co., Ltd.	12	25.3 (74.7)	Cleaning services

Capitalization (Millions of Yen)	Voting Right Percentage (Note 1)	Main Business Activities
¥ 10	100.0%	Cleaning services
10	100.0	Cleaning services
10	45.8 (54.2)	Cleaning services
10	25.3 (74.7)	Cleaning services
200	73.8	Built-for-sale housing operations
165	89.4	Car leasing
400	100.0	Athletic club operations
300	92.7	Ski resort operations
50	100.0	Building maintenance
120	60.0	Construction
50	100.0	Consulting
50	100.0	Consulting
80	58.6	Machinery and rolling stock maintenance
72	50.7	Machinery and rolling stock maintenance
40	40.5	Machinery and rolling stock maintenance
100	100.0	Maintenance services
	(Millions of Yen) ¥ 10 10 10 200 165 400 300 50 50 50 50 80 72 40	Capitalization (Millions of Yen)         Percentage (Note 1)           ¥ 10         100.0%           10         100.0           10         45.8 (54.2)           10         25.3 (74.7)           200         73.8           165         89.4           400         100.0           300         92.7           50         100.0           120         60.0           50         100.0           50         100.0           50         58.6           72         50.7           40         40.5

#### EQUITY METHOD AFFILIATED COMPANIES

Company Name	Capitalization (Millions of Yen)	Voting Right Percentage	Main Business Activities
1. Central Security Patrols Co., Ltd.	¥2,924	25.2%	Security business operations
2. JTB Corp.	2,304	21.9	Travel agency services

Notes: 1. Voting right percentages outside of parentheses represent direct voting right percentages, and percentages in parentheses represent shares held by other parties that vote along with the interests of JR East and do not include the percentage outside of parentheses.

2. In the year ended March 31, 2004, this subsidiary was newly consolidated.

3. Utsunomiya Station Development Co., Ltd., merged with Oyama Station Development Co., Ltd., on April 1, 2004. Oyama Station Development Co., Ltd., was dissolved after the merger.

4. The EKIBIRU Development Co. TOKYO merged with Kameido Station Building Co., Ltd., and Meguro Station Building Co., Ltd., on April 1, 2004. Kameido Station Building Co., Ltd., and Meguro Station Building Co., Ltd., were dissolved after the merger.

5. Sendai Terminal Building Co., Ltd., merged with Koriyama Station Building Co., Ltd., on April 1, 2004. Koriyama Station Building Co., Ltd., was dissolved after the merger.

6. Akita Station Department Store Co., Ltd., merged with Akita Terminal Building Co., Ltd., on April 1, 2004, and changed its name to Akita Station Building Co., Ltd. Akita Terminal Building Co., Ltd., was dissolved after the merger.

7. On April 1, 2004, Ikebukuro Terminal Building Co., Ltd., was divided to form Hotel Metropolitan Co., Ltd., and Ikebukuro Terminal Building Company. Hotel Metropolitan Co., Ltd., conducts hotel operations.

# FROM COMPANY ESTABLISHMENT TO ACHIEVEMENT OF FULL PRIVATIZATION

JR East was incorporated as a joint stock corporation under Japanese law on April 1, 1987, as one of several successors to the railway operations of the Japanese National Railways (JNR). In 1949, as part of the postwar reorganization of Japan's national passenger and freight railway, JNR was established as an independent public entity that owned and operated the nationwide railway network. Despite Japan's economic growth following JNR's establishment, JNR experienced financial difficulties and an increasing debt burden, which rendered it effectively insolvent. In 1986, legislation was passed to restructure and eventually privatize JNR by transferring its railway operations and certain related assets and liabilities to the JR Companies\*.

The JR Passenger Companies\*\* assumed the passenger railway operations of JNR in their respective geographic areas, other than those of the Tokaido and Sanyo Shinkansen lines, which involve the operation of railway facilities spanning the service areas of other JR Passenger Companies. JR Freight assumed JNR's nationwide cargo operations. Because JR Freight does not own railway lines other than lines used exclusively for freight operations, it pays track access charges to the JR Passenger Companies, including JR East.

Certain other businesses and related assets and liabilities were transferred to other JNR Successor Entities\*\*\*, including the Shinkansen Holding Corporation, as explained below. After that transfer, the remaining assets and liabilities of JNR became assets and liabilities of JNR Settlement Corporation (JNRSC). JNRSC was in turn dissolved in October 1998. Most of the liabilities of JNRSC were assumed by the national government or canceled, and its assets (including all shares of JR East then held) and certain of its liabilities were transferred to the Japan Railway Construction Public Corporation (JRCC). In connection with the dissolution of JNRSC, legislation was passed that required certain pension-related liabilities of JNRSC to be transferred to the JNR Successor Entities, including JR East (see "Disposition of Long-Term Liabilities of JNR").

In addition to the JR Companies, the restructuring of JNR resulted in the creation of the Shinkansen Holding Corporation to own and lease the facilities of the four then-existing Shinkansen lines, previously owned by JNR, to JR East, JR Central, and JR West. Although JR East initially leased the Tohoku and Joetsu Shinkansen lines from the Shinkansen Holding Corporation, on October 1, 1991, it purchased both lines pursuant to a longterm purchase arrangement. Subsequent to this purchase, the Shinkansen Holding Corporation was dissolved, and payments to be made by JR East in respect of its Shinkansen purchase liabilities are now made to the Japan Railway Construction, Transport and Technology Agency, the ultimate successor entity to the Shinkansen Holding Corporation.

Prior to December 1, 2001, all JR Companies were subject to the Law Concerning the Passenger Railway Companies and the Japan Freight Railway Company (JR Law), and their business and management were under the supervision of the Minister of Land, Infrastructure and Transport. As of December 1, 2001, JR East, JR Central, and JR West were, on the whole, no longer subject to the provisions of that law (see page 18).

Initially, all capital stock of each of the JR Companies, including JR East, was owned by JNRSC. In October 1993, JR East's common stock was listed on the Tokyo, Osaka, and Nagoya stock exchanges in conjunction with the sale by JNRSC of 2,500,000 shares, or 62.5%, of JR East's total outstanding common stock to the public in Japan. The proceeds from the sale of those shares were used by JNRSC to repay its long-term liabilities. Upon the dissolution of JNRSC in October 1998, its assets and liabilities, including 1,500,000 shares of JR East's common stock, were assumed by JRCC. JRCC sold 1,000,000 shares, or 25.0%, of JR East's common stock in August 1999 and all 500,000 remaining shares, or 12.5%, in June 2002, both through international share offerings. As a result, JR East finally achieved full privatization by becoming an entirely private-sector enterprise 15 years after its establishment.

\* "JR Companies" collectively refers to JR East, Hokkaido Railway Company (JR Hokkaido), Central Japan Railway Company (JR Central), West Japan Railway Company (JR West), Shikoku Railway Company (JR Shikoku), Kyushu Railway Company (JR Kyushu), and Japan Freight Railway Company (JR Freight).

\*\* "JR Passenger Companies" refers to the JR Companies other than JR Freight.

\*\*\* "JNR Successor Entities" refers to entities that assumed JNR's railway and other operations on April 1, 1987, consisting of the JR Companies, the Shinkansen Holding Corporation, Railway Telecommunication Co., Ltd., Railway Information Systems Co., Ltd., and the Railway Technical Research Institute.

A BRIEF HISTORY OF JR EAST Number of JR East shares held government agency									
April	1987	JR East was established upon the division and privatization of JNR.	4,000,000						
October	1993	The first public sale of shares held by JNRSC. Listed on the First Section of the Tokyo Stock Exchange and other exchanges in Japan.	1,500,000	(37.5%)					
August	1999	The second public sale of shares held by JRCC, a successor of JNRSC.	500,000	(12.5%)					
November	2000	JR East announced Medium-Term Business Plan— New Frontier 21.							
December	2001	The amendment to the JR Law took effect.							
June	2002	The third public sale of shares held by JRCC, and full privatization achieved.	0	(0.0%)					

# DISPOSITION OF LONG-TERM LIABILITIES OF JNR

When JNR was restructured in April 1987, responsibility for its long-term liabilities was clearly divided between the national government and the JR Companies following Diet deliberations. At the time of restructuring, JNR's liabilities totaled ¥37.1 trillion, including future costs that will be incurred. The JR Companies were allocated ¥14.5 trillion of that amount, and JNRSC assumed responsibility for the remaining ¥22.7 trillion. It was decided at this time that JNRSC would repay as much of this amount as possible using funds generated by the sale of land left by JNR and the sale of the JR Companies' stocks held by JNRSC. Any remaining liabilities were to be assumed and disposed of by the national government.

However, the sale of land by JNRSC was temporarily halted by the October 1987 Guidelines for Urgent Measures to Deal with Land adopted at a Cabinet meeting. Subsequently, the Japanese economy entered a recession in the early 1990s, making it difficult for JNRSC to sell the land. Furthermore, a delay in the sale of shares in the JR Companies and other factors meant that, rather than decreasing, liabilities actually increased due to interest payments.

As of April 1987, liabilities held by JNRSC were ¥25.5 trillion, the combination of the abovementioned ¥22.7 trillion and ¥2.9 trillion. The ¥2.9 trillion was one portion of the Shinkansen usage fees paid by the three JR Passenger Companies in Japan's main island and was to be used to repay JNRSC's debt. Due to the above factors, those liabilities had grown to ¥28.3 trillion at the time of JNRSC's dissolution in October 1998.

In October 1998, the Law for Disposal of Debts and Liabilities of the Japanese National Railways Settlement Corporation was enacted and came into effect. It included the following provisions concerning the disposal of JNRSC's liabilities:

- JNRSC's interest-bearing liabilities would be assumed by the national government's general account, and JNRSC would be absolved of its non-interest bearing liabilities to the government.
- The land, the JR Companies' stocks, and other assets held by JNRSC would be transferred to JRCC, which would pay for pension and other obligations.
- With regard to the amount to be transferred from the Japan Railways Group Mutual Aid Association to the Welfare Pension, a portion of the liabilities legally assigned to JNRSC would become additional obligations of the JR Companies.

Discussing the possibility of imposing further additional liabilities on the JR Companies, the then Prime Minister stated during Diet deliberations prior to the passage of this law: "Regarding those debts and pension liabilities of JNRSC that have not been designated for assumption by the JR Companies, the government is of the view that such obligations must not be imposed on the JR Companies in the future."

#### PEER GROUP COMPARISONS

In this section, several key performance indicators illustrate how JR East compares with selected well-known companies.

# **Total Stock Market Value**



Data in this graph have been computed from each company's share prices and shares outstanding at the end of the previous fiscal year.

# **Operating Revenues**



#### Net Income



Year ended March 31, 2004 (Year ended December 31, 2003, for Lufthansa, Union Pacific, and UPS and year ended May 31, 2003, for FedEx) Notes: 1. JAL...Japan Airlines Corporation Tokyu...Tokyu Corporation TEPCO...The Tokyo Electric Power Company, Incorporated NTT...Nippon Telegraph and Telephone Corporation

- 2. Data in this section have been based on consolidated figures from each company's annual report or financial press release.
- 3. In June 2004, the name of Japan Airlines System Corporation (JALS), which was established as a holding company of Japan Airlines Company, Ltd.,
- and Japan Air System Co., Ltd., in October 2002, changed to Japan Airlines Corporation (JAL)

#### Free Cash Flows



1. Free cash flows are the net of cash flows from operating activities and cash flows from investing activities.

 The cash hows are the factor cash flows of British Airways are as follows:
 cash flow from operating activities: cash inflow from operating activities, dividends received from associates, returns on investments and servicing of finance, tax cash flow from investing activities: capital expenditure and financial investment, acquisitions and disposals

## Return on Average Equity (ROE)



Average equity is the average of equity at the end of the previous and applicable fiscal years.



# Ratio of Operating Income to Average Assets (ROA)

Average assets is the average of assets at the end of the previous and applicable fiscal years.

4. NTT adopted U.S. GAAP from the year ended March 31, 2003.

5. The exchange rate used is the rate for March 31, 2004 (\$1=¥106, £1=\$1.83, 1 Euro=\$1.22).

6. Share prices at the close of the respective previous fiscal years and computed using the above exchange rates are \$5,160.38 for JR East, \$5.06 for British Airways, \$16.17 for Lufthansa, \$69.48 for Union Pacific, \$63.98 for FedEx, \$74.55 for UPS, \$3.34 for JAL, \$6.15 for Tokyu, \$22.22 for TEPCO, and \$5,566.04 for NTT.

### INTERNATIONAL RAILWAY COMPARISONS

Japan's high reliance on railways due to the size of the economy and geographic characteristics affords railway companies an extremely large source of demand, especially in urban areas. JR East is Japan's largest railway company and one of the largest in the world as well.

#### **Transportation Market**

#### Composition by Type of Transportation

(Billior	s of Passenger Kilometers)			
Jap	an /		1,425.5	
U	K. 🦯	722.7		
Germa	ny 🦲	916.7		
Fran	ce 🥂	869.5		
	aly 🖉	/ 893.0		
U	.S. 🖊			3,86

Railways Motor Vehicles Airlines Ships

	Raily	ilways Motor Vehicles					Airlines		Ships		Total			
	Nanv	Buses Cars		Total		Airines		Ships		TOTAL				
	Billions	%	Billions	%	Billions	%	Billions	%	Billions	%	Billions	%	Billions	%
Japan	382.2	26.8%	86.2	6.0%	869.2	61.0%	955.4	67.0%	84.0	5.9%	3.9	0.3%	1,425.5	100.0%
U.K.	47.0	6.5%	46.0	6.4%	622.0	86.0%	668.0	92.4%	7.7	1.1%	N/A	N/A	722.7	100.0%
Germany	75.3	8.2%	77.0	8.4%	722.5	78.8%	799.5	87.2%	41.9	4.6%	N/A	N/A	916.7	100.0%
France	82.6	9.5%	44.8	5.2%	727.6	83.6%	772.4	88.8%	14.5	1.7%	N/A	N/A	869.5	100.0%
Italy	51.9	5.8%	94.0	10.5%	732.1	82.0%	826.1	92.5%	10.4	1.2%	4.6	0.5%	893.0	100.0%
U.S.	22.5	0.6%	56.3	1.5%	2,976.7	77.0%	3,033.0	78.5%	806.1	20.9%	N/A	N/A	3,861.6	100.0%

Respective figures are for the following years: Japan, year ended March 31, 2003; U.K., year ended March 31, 2002; Italy, year ended December 31, 2000; U.S., year ended December 31, 1999; France and Germany, year ended December 31, 2001. Note: Railway figures for Japan include JR East passenger kilometers (125.2 billion, exclusive of Tokyo Monorail). For details, see page 91.

Sources: Japan: Ministry of Land, Infrastructure and Transport U.K.: Transport Statistics Great Britain 2003

Germany: Verkehr in Zahlen 2002/2003

France: Homepage of Ministry for Infrastructure, Transport, Housing, Tourism, and the Sea of France (October 7, 2003)

Italy: Conto Nazionale dei Trasporti Anno 2001 U.S.: Statistical Abstract of the United States 2002

#### Railway Line Networks



#### Revenues from Railway Operations



#### Number of Passengers



#### Passenger Kilometers



# Number of Employees



As of December 31, 2001, except for JR East and U.K. figures, which are as of March 31, 2002

- Notes: 1. U.K.: Train Operating Companies (Railway tracks are owned by Network Rail); Germany: Deutsche Bahn AG; France: Société Nationale des Chemins de fer Français (SNCF) (Railway tracks are owned by Réseau Ferré de France (RFF)); Italy: Ferrovie dello Stato S.p.A.; U.S.: National Railroad Passenger Corporation (Amtrak)
  - 2. Revenues from railway operations do not include freight and other service revenues.
  - 3. Figures for JR East do not include Tokyo Monorail. 4. The exchange rate used is the rate for March 31, 2002 (\$1=¥133,
  - £1=\$1.42, 1 Euro=\$0.87).
- Statistiques Internationale des Chemins de fer 2001, Union Internationale Source: des Chemins de fer

# **Fundamentals**

### **Gross Domestic Product**



	1999	2000	2001	2002	2003
Japan	4,380	4,611	4,147	3,945	4,291
U.K.	1,423	1,416	1,424	1,556	1,775
Germany	2,112	1,873	1,846	1,984	2,386
France	1,434	1,291	1,303	1,418	1,732
Italy	1,162	1,074	1,089	1,184	1,455
U.S.	9,190	9,927	10,143	10,366	10,857

Source: Annual OECD National Accounts publications

#### Population



	1999	2000	2001	2002	2003
Japan	126.7	126.9	127.3	127.4	127.6
U.K.	59.2	59.5	59.5	59.7	59.3
Germany	82.1	82.0	82.4	82.0	82.5
France	59.1	58.9	59.2	59.7	60.1
Italy	57.3	57.5	57.9	57.4	57.4
<u>U.S.</u>	273.1	281.4	284.8	288.5	294.0

Sources: Japan: Current Population Estimates, Ministry of Public Management, Home Affairs, Posts and Telecommunications Other countries: United Nations data

#### **Population Density**



Population per Square Kilometer of Total National Land Area 🛛 🖉 Population per Square Kilometer of Habitable Land Area

	1999		2000		2001		2002		2003	
	Total National Land Area	Habitable Land Area								
Japan	335	1,586	336	1,590	337	1,597	337	1,598	338	1,605
U.K.	244	272	245	274	245	274	246	275	244	273
Germany	230	339	230	328	231	330	230	328	231	341
France	107	148	107	147	107	148	108	149	109	150
Italy	190	254	191	254	192	256	191	254	191	254
U.S.	29	44	29	45	30	46	31	47	31	47

Note: JR East calculated these figures by using the following data and definition of each country's square kilometers of habitable land area.

Population

Japan: Current Population Estimates, Ministry of Public Management, Home Affairs, Posts and Telecommunications

Other countries: United Nations data

Square kilometers of habitable land area

Total area minus forests and woodland, barren land, area under inland water bodies, and other

Other countries: The FAOSTAT Database Land Use

Japan: Land White Paper, Ministry of Land, Infrastructure and Transport

Land area (2001) minus forests and woodland (1994)

# RAILWAY OPERATIONS IN JAPAN

Railways play a vital role in Japan, and JR East alone represents about 30% of all passenger railway transportation.

# Share of Domestic Transportation

# Number of Passengers



Years ende	d March 31	19	99	20	00	20	01	20	02	20	03
		Millions	%								
Deilerer	JR East	5,907	7.0%	5,893	7.0%	5,862	6.9%	5,846	6.8%	5,850	6.7%
Railways	Other Railways	16,107	19.2%	15,857	18.9%	15,785	18.7%	15,874	18.3%	15,711	18.0%
Motor V	ehicles	61,839	73.6%	62,047	73.9%	62,841	74.2%	64,590	74.7%	65,481	75.1%
Airlines		88	0.1%	92	0.1%	93	0.1%	95	0.1%	96	0.1%
Ships		127	0.1%	120	0.1%	110	0.1%	111	0.1%	109	0.1%
Total		84,068	100.0%	84,009	100.0%	84,691	100.0%	86,516	100.0%	87,247	100.0%

Source: Summary of Transport Statistics, Ministry of Land, Infrastructure and Transport

#### Passenger Kilometers



Years ended March 31		199	99	200	00	200	01	200	02	200	)3
		Millions	%								
Railways	JR East	126,110	8.9%	125,998	8.8%	125,344	8.8%	124,916	8.8%	125,176	8.8%
Nalivvays	Other Railways	262,828	18.5%	259,103	18.2%	259,097	18.3%	260,505	18.3%	257,060	18.0%
Motor V	ehicles	954,807	67.0%	955,564	67.1%	951,253	67.0%	954,292	66.9%	955,413	67.0%
Airlines		75,988	5.3%	79,348	5.6%	79,698	5.6%	81,459	5.7%	83,949	5.9%
Ships		4,620	0.3%	4,479	0.3%	4,304	0.3%	4,007	0.3%	3,893	0.3%
Total		1,424,353	100.0%	1,424,492	100.0%	1,419,696	100.0%	1,425,179	100.0%	1,425,491	100.0%

Source: Summary of Transport Statistics, Ministry of Land, Infrastructure and Transport

Note: Figures for JR East on this page do not include Tokyo Monorail.

# Share of Domestic Railways



JR East	JR Central	JR West	Other JR Companies	Other Railways
- Sitt Edist	- Sitt Certificat	<b>• </b> <i>i</i> <b></b>	• outer sit companies	o cher nannays

Notes: 1. Figures for passenger line network do not include freight traffic.
2. Figures for rolling stock kilometers do not include locomotives and freight cars.
3. Figures for Tokyo Monorail are included in Other Railways.
Source: Statistics of Railways 2001, Ministry of Land, Infrastructure and Transport

As of March 31, 2002	km	%
JR East	7,538.1	27.5%
JR Central	1,977.8	7.2%
JR West	5,078.4	18.5%
Other JR Companies	5,456.1	19.9%
Other Railways	7,328.7	26.9%
Total	27,379.1	100.0%

Year ended March 31, 2002	Millions	%
JR East	5,846	26.8%
JR Central	498	2.3%
JR West	1,812	8.3%
Other JR Companies	478	2.2%
Other Railways	13,146	60.4%
Total	21,780	100.0%

Year ended March 31, 2002	Millions	%
JR East	124,916	32.4%
JR Central	49,533	12.9%
JR West	52,647	13.7%
Other JR Companies	14,036	3.6%
Other Railways	144,270	37.4%
Total	385,402	100.0%

Year ended March 31, 2002	Billions of Yen	%
JR East	1,668	28.4%
JR Central	1,065	18.1%
JR West	770	13.1%
Other JR Companies	218	3.7%
Other Railways	2,147	36.7%
Total	5,868	100.0%

Year ended March 31, 2002	Millions	%
JR East	2,177	27.8%
JR Central	939	12.0%
JR West	1,246	15.9%
Other JR Companies	477	6.1%
Other Railways	3,001	38.2%
Total	7,840	100.0%

### FINANCIAL OVERVIEW OF JR PASSENGER RAILWAY COMPANIES

JR East accounts for about 50% of the total operating revenues of the three largest JR passenger railway companies. JR East's immense and stable operating base contributes to large and consistent earnings and cash flows.

#### **Operating Revenues**



(Millions of Yen)						
Years ended March 31	2002	2003	2004			
JR East	2,543,378	2,565,671	2,542,297			
JR Central	1,366,965	1,363,034	1,384,055			
JR West	1,190,610	1,165,571	1,215,735			

#### Net Income



(Millions of Yen)					
Years ended March 31	2002	2003	2004		
JR East	47,551	97,986	119,866		
JR Central	42,090	49,085	72,278		
JR West	45,537	41,644	47,016		

#### Free Cash Flows



(Millions of Yen)					
Years ended March 31	2002	2003	2004		
JR East	349,400	236,882	152,470		
JR Central	286,745	214,032	219,086		
JR West	117,380	66,830	48,538		

Note: Free cash flows are the net of cash flows from operating activities and cash flows from investing activities.

#### Return on Average Equity (ROE)



Years ended March 31	2002	2003	2004
JR East	5.1%	10.2%	11.5%
JR Central	6.5%	7.2%	9.9%
JR West	11.0%	9.8%	10.2%

Note: Average equity is the average of equity at the end of the previous and applicable fiscal years.

# Ratio of Operating Income to Average Assets (ROA)



Years ended March 31	2002	2003	2004
JR East	4.4%	4.9%	5.2%
JR Central	6.4%	6.1%	6.2%
JR West	4.7%	5.1%	5.2%

Note: Average assets is the average of assets at the end of the previous and applicable fiscal years.



#### **Operating Cash Flow per Share**



Note: Data in this section have been calculated by JR East based on figures in JR Central and JR West financial press releases.

### RAILWAY OPERATIONS IN TOKYO

JR East alone provides nearly half of the huge volume of railway transportation in the Tokyo area, where railways account for 50% of all transportation. With an immense population, the Tokyo area is sure to generate a large amount of demand for transportation services.

# Transportation in the Tokyo Area

#### Number of Passengers



JR East Other Railways Motor Vehicles Airlines and Ships

Revenues from Passenger Tickets\*\*

844.7

Years ended March 31		19	98	1999		2000		2001		2002	
		Millions	%								
Dellever	JR East	5,359	20.5%	5,306	20.3%	5,302	20.7%	5,281	20.5%	5,275	19.9%
Railways	Other Railways	7,766	29.6%	7,792	29.9%	7,715	30.1%	7,774	30.2%	7,945	29.9%
Motor V		13,031	49.8%	12,965	49.7%	12,561	49.0%	12,658	49.2%	13,299	50.1%
Airlines	and Ships	34	0.1%	35	0.1%	36	0.2%	36	0.1%	37	0.1%
Total		26,190	100.0%	26,098	100.0%	25,614	100.0%	25,749	100.0%	26,556	100.0%

Notes: 1. JR East figures include data from the bordering lines of JR Central.

2. Statistics are based on surveys that used borders that do not match exactly JR East's Tokyo Metropolitan Area Network. Source: Survey of Regional Passenger Movement, Ministry of Land, Infrastructure and Transport

#### Major Railways in the Tokyo Area

	Passenger Lir	e Network*	Passenger K	ilometers**	Revenues from Pas	senger Tickets**
	km	%	Millions	%	Billions of Yen	%
JR East	1,106.1	42.8%	76,278	48.3%	844.7	44.3%
Tobu Railway	463.3	17.9%	12,747	8.1%	142.7	7.5%
Tokyo Metro	183.2	7.1%	16,043	10.2%	265.0	13.9%
Seibu Railway	176.6	6.8%	8,699	5.5%	93.7	4.9%
Toei (Tokyo Metropolitan Government)	121.5	4.7%	4,999	3.2%	105.5	5.5%
Odakyu Electric Railway	120.5	4.7%	10,454	6.6%	108.1	5.7%
Keisei Electric Railway	102.4	4.0%	3,483	2.2%	49.1	2.6%
Tokyu Corporation	102.1	3.9%	9,290	5.9%	118.5	6.2%
Keihin Electric Express Railway	87.0	3.4%	6,151	3.9%	71.9	3.8%
Keio Electric Railway	84.7	3.3%	7,031	4.4%	74.8	3.9%
Sagami Railway	35.9	1.4%	2,645	1.7%	31.8	1.7%
Total	2,583.3	100.0%	157,820	100.0%	1,905.8	100.0%

#### Passenger Line Network\*

5	5	
(Kilometers)	(Millions)	(Billions of Yen)
JR East	1,106.1 JR East	76,278 JR East
Tobu 463.3	Tobu 12,747	Tobu 142.7
Tokyo Metro 183.2	Tokyo Metro 16,043	Tokyo Metro 265.0
Seibu 176.6	Seibu 8,699	Seibu 93.7
Toei 121.5	Toei 🖉 4,999	Toei 105.5
Odakyu 120.5	Odakyu 10,454	Odakyu 108.1
Keisei 102.4	Keisei 🜌 3,483	Keisei 🜌 49.1
Tokyu 102.1	Tokyu 9,290	Tokyu 118.5
Keihin 🖉 87.0	Keihin 🚛 6,151	Keihin 🚛 71.9
Keio 🖉 84.7	Keio 🥢 7,031	Keio 🗾 74.8
Sagami 🖉 35.9	Sagami 🖉 2,645	Sagami 🜌 31.8

Passenger Kilometers\*\*

\* As of March 31, 2003, except for Toei (Tokyo Metropolitan Government) figures, which are as of March 31, 2002 \*\* For the year ended March 31, 2003, except for Toei (Tokyo Metropolitan Government) figures and revenues from passenger tickets for Tokyo Metro, which are as of March 31, 2002

Notes: 1. Figures do not include freight lines.

2. Data used for JR East are data of Tokyo Metropolitan Area Network.

3. Teito Rapid Transit Authority was privatized on April 1, 2004, to form Tokyo Metro.

Sources: 1. Toei (Tokyo Metropolitan Government): Statistics of Railways 2001, Ministry of Land, Infrastructure and Transport

2. Other: Homepage of the Association of Japanese Private Railways. Revenues from passenger tickets are based on figures from the financial press releases of each company.

Note: Figures for JR East on this page do not include Tokyo Monorail.

### **Fundamentals**

Net Domestic Product



Years ended March 31	1998		199	99	2000		2001		2002	
	Billions of Yen	%								
Tokyo Area	118,372	30.4%	117,333	30.5%	117,849	30.8%	118,108	30.7%	113,788	30.7%
Other	270,948	69.6%	267,568	69.5%	264,350	69.2%	266,257	69.3%	257,087	69.3%
Total	389,320	100.0%	384,901	100.0%	382,199	100.0%	384,365	100.0%	370,875	100.0%

Source: Annual Report on Prefectural Economies, Cabinet Office

# Population



Tokyo Area
 Other

As of October 1	1999 2000		20	2001 2002			2003			
	Millions	%	Millions	%	Millions	%	Millions	%	Millions	%
Tokyo Area	33.1	26.1%	33.4	26.3%	33.7	26.5%	33.8	26.5%	34.1	26.7%
Other	93.6	73.9%	93.5	73.7%	93.6	73.5%	93.6	73.5%	93.5	73.3%
Total	126.7	100.0%	126.9	100.0%	127.3	100.0%	127.4	100.0%	127.6	100.0%

Source: Current Population Estimates, Ministry of Public Management, Home Affairs, Posts and Telecommunications

# **Population Density**

(Per Square Kilometer)							
2003 Tokyo Area 🗖					2,564		
Other 🖉	257						
National Average 338							
As of October 1	1999	2000	2001	2002	2003		
Tokyo Area	2,495	2,516	2,534	2,548	2,564		
Other	257	256	257	257	257		
National Average	335	336	337	337	338		

Note: JR East calculated these figures by using data from the following sources: Current Population Estimates, Ministry of Public Management, Home Affairs, Posts and Telecommunications; statistics from Geographical Survey Institute

Note: The statistics on this page are based on governmental boundaries and do not strictly correspond with JR East's operating area segments.

#### ANALYSIS OF JR EAST'S RAILWAY OPERATIONS

The Tokyo area is JR East's primary market, and the Tokyo Metropolitan Area Network generates about half of the Company's railway revenues. Commuter-pass travel represents one of the major sources of JR East's revenues.

#### Composition by Operating Area



\* As of March 31, 2004

\*\* Year ended March 31, 2004

Notes: 1. Revenues from the conventional line segments of hybrid Shinkansen services are credited to Intercity and Regional Networks. 2. Figures are for the parent company and do not include Tokyo Monorail.

Composition of Commuter Passes—Overall

#### Number of Revenues from Passenger Passengers Kilometers Passenger Tickets Commuter Passes Other Number of Passengers Passenger Kilometers Revenues from Passenger Tickets Millions Year ended March 31, 2004 Millions Millions of Yen % Commuter Passes 3.683 62.6% 72,144 57.4% 482,705 29.0% Other 2.203 37.4% 53,608 42.6% 1.183.737 71.0% 125,752 Total 5,886 100.0% 100.0% 1,666,442 100.0%

#### Composition of Commuter Passes—by Passenger Kilometers



	Total	Commu	ter Passes
Year ended March 31, 2004	Millions	Millions	%
Shinkansen Network	18,747	1,567	8.4%
Tokyo Metropolitan Area Network	76,724	51,602	67.3%
Intercity and Regional Networks	30,281	18,975	62.7%
Total	125,752	72,144	57.4%

#### Composition of Commuter Passes—by Revenues from Passenger Tickets



	Total	Commu	ter Passes
Year ended March 31, 2004	Millions	Millions	%
Shinkansen Network	466,052	21,481	4.6%
Tokyo Metropolitan Area Network	847,645	343,253	40.5%
Intercity and Regional Networks	352,745	117,971	33.4%
Total	1,666,442	482,705	29.0%

Commuter Passes Other

Notes: 1. Percentages represent passenger kilometers and revenue from passenger tickets attributable to commuter passes for each segment. 2. Revenues from the conventional line segments of hybrid Shinkansen services are credited to Intercity and Regional Networks.

3. Figures are for the parent company and do not include Tokyo Monorail.

### Passenger Kilometers

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Years ended March 31		2002	2003	2004	2004/2003
Shinkansen Network	Commuter Passes	1,550	1,544	1,567	101.5%
	Other	16,191	16,732	17,180	102.7%
	Total	17,741	18,276	18,747	102.6%
Conventional Lines	Commuter Passes	70,970	70,523	70,577	100.1%
	Other	36,205	36,377	36,428	100.1%
	Total	107,175	106,900	107,005	100.1%
Tokyo Metropolitan	Commuter Passes	51,758	51,484	51,602	100.2%
Area Network	Other	24,442	24,794	25,122	101.3%
	Total	76,200	76,278	76,724	100.6%
Intercity and Regional	Commuter Passes	19,212	19,039	18,975	99.7%
Networks	Other	11,763	11,583	11,306	97.6%
	Total	30,975	30,622	30,281	98.9%
otal	Commuter Passes	72,520	72,067	72,144	100.1%
	Other	52,396	53,109	53,608	100.9%
	Total	124,916	125,176	125,752	100.5%

#### **Revenues from Passenger Tickets**

(Millions of Yen)					
Years ended March 31		2002	2003	2004	2004/2003
Shinkansen Network	Commuter Passes	21,333	21,246	21,481	101.1%
	Other	437,086	436,126	444,571	101.9%
	Total	458,419	457,372	466,052	101.9%
Conventional Lines	Commuter Passes	465,950	462,855	461,224	99.6%
	Other	743,200	744,330	739,166	99.3%
	Total	1,209,150	1,207,185	1,200,390	99.4%
Tokyo Metropolitan	Commuter Passes	346,058	344,095	343,253	99.8%
Area Network	Other	495,490	500,589	504,392	100.8%
	Total	841,548	844,684	847,645	100.4%
Intercity and Regional	Commuter Passes	119,892	118,760	117,971	99.3%
Networks	Other	247,710	243,741	234,774	96.3%
	Total	367,602	362,501	352,745	97.3%
Total	Commuter Passes	487,283	484,101	482,705	99.7%
	Other	1,180,286	1,180,456	1,183,737	100.3%
	Total	1,667,569	1,664,557	1,666,442	100.1%

Notes: 1. Passenger kilometers and revenues from the conventional line segments of hybrid Shinkansen services are credited to Intercity and Regional Networks. 2. Conventional Lines: Total of Tokyo Metropolitan Area Network and Intercity and Regional Networks 3. Figures are for the parent company and do not include Tokyo Monorail.





Year	ended March 31, 2004	Millions of kWh	%
	Thermal Generation	1,940	-
	Hydroelectric Generation	1,555	-
	Independent	3,495	56.3%
	Purchased	2,711	43.7%
	Total	6,206	100.0%

Independent Purchased

#### NON-TRANSPORTATION BUSINESSES

JR East owns many stations with high potential that are used by numerous customers. JR East is carrying out its non-transportation businesses utilizing such management resources as stations.

#### Number of Busy Stations

(Number of Stations)			
JR East 86		More than 100,000 Passengers per Day	More than 200,000 Passengers per Day
JR Central 🖉 4 2	JR East	86	32
JR West 12	JR Central	4	2
Tokyu 15	JR West	12	6
More than 200,000 Passengers per Day More than 100,000 Passengers per Day	Tokyu Corporation	15	2

Year ended March 31, 2003

Data based on figures from JR Central, JR West, and Tokyu Corporation

Note: The numbers of station users at stations of JR East, JR Central, and JR West represent twice the number of passengers embarking.

#### Comparison of Major Department Stores, Retail Sales, and Convenience Stores

(Billions of Yen)	(Millions of Yen)	
JR East 366.4		Operating Revenues
Takashimaya 950.0	JR East	366,438
7-Eleven Japan 2,343.2 Tokyu Store 266.9 JR West 196.9	Takashimaya	950,042
	7-Eleven Japan	2,343,177
	Tokyu Store	266,910
	JR West	196,856

Takashimaya = Takashimaya Company, Limited

7-Eleven Japan = Seven-Eleven Japan Co., Ltd.

Tokyu Store = Tokyu Store Chain Co., Ltd.

Year ended March 31, 2004 (Year ended February 29, 2004, for Takashimaya, 7-Eleven Japan, and Tokyu Store)

Data have been based on figures from financial press releases of each company.

The following figures are used as operating revenues:

JR East: Station space utilization, segment revenues from outside customers

Takashimaya: Department store business, segment revenues from outside customers

7-Eleven Japan: Total store sales (nonconsolidated)

Tokyu Store: Consolidated operating revenues

JR West: Sales of goods and food services business, segment revenues from third parties

#### Comparison of Real Estate Leasing to Retailers and Other Tenants

(Billions of Yen)		(Millions of Yen)	
JR East	175.2		Operating Revenues
Mitsui	2	JR East	175,180
Tokyu	148.5	Mitsui	259,395
JR West 58.0	Tokyu	148,520	
		JR West	57.970

Mitsui = Mitsui Fudosan Co., Ltd.

Tokyu = Tokyu Corporation

Year ended March 31, 2004

Data have been based on figures from financial press releases of each company.

The following figures are used as operating revenues:

JR East: Shopping centers & office buildings, segment revenues from outside customers

Mitsui: Office buildings and commercial facilities revenues in leasing segment, outside customers

Tokyu: Real estate business, segment revenue from outside customers JR West: Real estate business, segment revenues from third parties

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#### Domestic Hotel Chain Ranking by Guest Rooms

(Number of Guest Rooms)



	Guest Rooms	Rank
Prince Hotels	23,859	1st
Washington Group Hotels	18,736	2nd
Tokyu Hotels	14,718	3rd
JR East Hotel Chain	4,938	14th
JR West Hotels	2,536	29th

As of December 31, 2003 Data based on Japan Hotel Almanac 2004 by Ohta Publications

#### **COMMUTER PASS**

"Commuter pass" refers to a credit card sized pass that is either magnetically encoded or contains an integrated circuit (IC) chip and that allows travel between two stations during a period of one, three, or six months.

# HYBRID SHINKANSEN

"Hybrid Shinkansen" refers to intercity rail systems that provide through service to certain destinations that are not part of a regular Shinkansen (as defined below) network, using specially designed trains capable of running on both Shinkansen lines and conventional lines that have been widened to a standard gauge. Hybrid Shinkansen lines are not covered by the Nationwide Shinkansen Railway Development Law.

#### JNR

"JNR" stands for the Japanese National Railways, the Governmentowned public entity that was restructured into JNRSC (as defined below) on April 1, 1987. The railway operations and certain related businesses of JNR, along with certain necessary assets and associated liabilities, were succeeded to by the JR Companies (as defined below), the Shinkansen Holding Corporation (a predecessor entity to the Railway Development Fund, which was in turn succeeded by Corporation for Advanced Transport & Technology, which then merged with another entity to form JRTT (as defined below)), Railway Telecommunication Co., Ltd. (a predecessor of JAPAN TELECOM HOLDINGS CO., LTD.), Railway Information Systems Co., Ltd., and the Railway Technical Research Institute, and all of its other assets and liabilities became assets and liabilities of JNRSC.

#### **JNRSC**

"JNRSC" stands for JNR Settlement Corporation. JNRSC was dissolved on October 22, 1998, and all of its assets (including the 1,500,000 shares of JR East's common stock it beneficially owned at the time of such transfer) and a portion of its liabilities were transferred to JRCC.

#### **JR COMPANIES**

"JR Companies" refers to, collectively, JR East, Hokkaido Railway Company (JR Hokkaido), Central Japan Railway Company (JR Central), West Japan Railway Company (JR West), Shikoku Railway Company (JR Shikoku), Kyushu Railway Company (JR Kyushu), and Japan Freight Railway Company (JR Freight).

#### **JR EAST**

"JR East" refers to East Japan Railway Company on a consolidated basis or, if the context so requires, on a nonconsolidated basis.

#### JR LAW

"JR Law" means the Law Concerning the Passenger Railway Companies and the Japan Freight Railway Company of 1986, as amended, which created the framework for the establishment of the JR Companies.

### JRTT

"JRTT" stands for the Japan Railway Construction, Transport and Technology Agency, Incorporated Administrative Agency established in October 2003 upon the merger of the Japan Railway Construction Public Corporation (JRCC) and the Corporation for Advanced Transport & Technology. Its primary activity includes the construction of Shinkansen lines under the Nationwide Shinkansen Railway Development Law (see "Shinkansen") and other national projects. Within JR East's service area, JRTT is presently building Hokuriku Shinkansen and Tohoku Shinkansen extensions. JR East rents the Takasaki–Nagano segment of the Hokuriku Shinkansen line, operationally named Nagano Shinkansen, and the Morioka–Hachinohe segment of the Tohoku Shinkansen line from JRTT. JR East also rents some conventional lines from JRTT. The Law for Disposal of Debts and Liabilities of the Japanese National Railways Settlement Corporation was enforced in October 1998. This resulted in the liquidation of JNRSC and the transfer of JR East shares held by JNRSC to JRCC's JNR Settlement Headquarters. In June 2002, JRCC sold all remaining shares (500,000) to the public.

#### NUMBER OF PASSENGERS

"Number of passengers" comprises both passengers who begin their journey at the JR East station and passengers who transfer to JR East from other railway companies lines at the station.

#### **OPERATING KILOMETERS**

"Operating kilometers" means the actual length of a railway line between two stations, regardless of the number of tracks along the line. Fare and charge calculations are based on this figure.

#### **PASSENGER KILOMETERS**

"Passenger kilometers" means the number of passengers moving from one station to another multiplied by the distance (in operating kilometers) between such stations.

#### **ROLLING STOCK KILOMETERS**

"Rolling stock kilometers" means the number of train kilometers (as defined below) multiplied by the number of railcars comprising the train.

#### **SHINKANSEN**

"Shinkansen" refers to Japan's high-speed intercity rail systems operated by JR East, JR Central, JR West, and JR Kyushu. Several new Shinkansen lines are now under construction or in advanced planning stages under the Nationwide Shinkansen Railway Development Law.

#### SUICA

"Suica" refers to a pre-paid IC card that can be used at nearly all of JR East's stations in the Tokyo metropolitan area and in the Sendai area, permitting smooth, contactless passage through ticket gates. There are two types of card: a high-tech commuter pass (*Suica Pass*) and a stored-fare railway ticket (*Suica IO card*). Recently, an electronic money function has been added to *Suica*, which makes it possible to use them to purchase goods at stores in train station concourses (see page 30 for details).

#### TOTAL LONG-TERM DEBT

"Total long-term debt" refers to the aggregate of long-term debt and long-term liabilities incurred for purchase of railway facilities, including the current portion thereof.

#### **TRAIN KILOMETERS**

"Train kilometers" means the number of kilometers traveled by a train on operational routes, excluding movement within stations and rail yards. Stock Code: 9020

# **Stock Price**



Note: Average stock prices are computed using closing prices. Source: Tokyo Stock Exchange

# **Major Shareholders**

High Low.

As of March 31, 2004	Number of Shares Held	Percentage of Total Issued Shares
Japan Trustee Services Bank, Ltd., trust accounts	287,858	7.20%
The Master Trust Bank of Japan, Ltd., trust accounts	227,845	5.70%
Mizuho Corporate Bank, Ltd.	199,899	5.00%
The JR East Employees Shareholding Association	131,018	3.28%
The Chase Manhattan Bank, N.A., London	118,613	2.97%
State Street Bank and Trust Company	107,708	2.69%
The Sumitomo Mitsui Banking Corporation	105,300	2.63%
The Bank of Tokyo-Mitsubishi, Ltd.	95,000	2.38%
Nippon Life Insurance Company	80,000	2.00%
The Chase Manhattan Bank, N.A., London Secs Lending Omnibus Account	76,562	1.91%

Number of Employees	77,009* (57,975 at parent company) * Excluding employees assigned to other companies and employees on temporary leave
Number of Stations	1,697
Number of Rolling Stock	13,039
Average Daily Train Runs	12,527
Passenger Line Network	7,526.8 kilometers
Number of Passengers Served Daily	About 16 million (average for the year ended March 31, 2004)
Total Number of Shares Issued	4,000,000
Total Number of Shares Outstanding	3,999,235
Paid-in Capital	¥200,000 million
Number of Shareholders	337,193
Stock Exchange Listings	Tokyo, Osaka, Nagoya
Transfer Agent	The Mitsubishi Trust and Banking Corporation 4-5, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8212, Japan

# For Inquiries

Head Office	2-2, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-8578, Japan Phone: +81 (3) 5334-1310 Facsimile: +81 (3) 5334-1297 E-mail: ir@jreast.co.jp bond@jreast.co.jp
New York Office	One Rockefeller Plaza, New York, N.Y. 10020, U.S.A. Phone: +1 (212) 332-8686 Facsimile: +1 (212) 332-8690
Paris Office	24-26, rue de la Pépinière, 75008 Paris, France Phone: +33 (1) 45-22-60-48 Facsimile: +33 (1) 43-87-82-87
Internet Addresses	JR East: http://www.jreast.co.jp/e/ Ticket reservations: http://www.world.eki-net.com/ Ecology: http://www.jreast.co.jp/e/environment/ (Sustainability Report)



2-2, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-8578, Japan http://www.jreast.co.jp/e/

