

HDFC BANK LTD  
Form 20-F  
September 30, 2010  
Table of Contents

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington D.C. 20549**

**FORM 20-F**

**REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR (g) OF THE SECURITIES EXCHANGE ACT OF 1934**  
**OR**

**ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**  
**For the fiscal year ended March 31, 2010**

**OR**

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**  
**For the transition period from \_\_\_\_\_ to \_\_\_\_\_**

**OR**

**SHELL COMPANY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**  
**Date of event requiring this shell company report \_\_\_\_\_**

**Commission file number 001-15216**

# HDFC BANK LIMITED

(Exact name of Registrant as specified in its charter)

**Not Applicable**

(Translation of Registrant's name into English)

**India**

(Jurisdiction of incorporation or organization)

**HDFC Bank House, Senapati Bapat Marg, Lower Parel, Mumbai 400013, India**

(Address of principal executive offices)

**Name: Sanjay Dongre, Executive Vice President (Legal) and Company Secretary,**

**Telephone: 91-22-2490-2934 /or 91-22-2496-1616, Ext. 3473,**

**Email: [sanjay.dongre@hdfcbank.com](mailto:sanjay.dongre@hdfcbank.com),**

**Address: 2nd floor, Process House, Kamala Mills Compound, Senapati Bapat Marg, Lower Parel, Mumbai 400 013, India.**

(Name, telephone, e-mail and/or facsimile number and address of company contact person)

Securities registered or to be registered pursuant to Section 12(b) of the Act:

Title of each class	Name of each exchange on which registered
<b>American Depositary Shares, each representing three</b>	<b>The New York Stock Exchange</b>

**Equity Shares, Par value Rs. 10 per share**

Securities registered or to be registered pursuant to Section 12(g) of the Act: **Not Applicable**

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act: **Not Applicable**

Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of the close of the period covered by the annual report:

<b>Equity Shares, as of March 31, 2010</b>	<b>457,743,272</b>
--	--------------------

## Edgar Filing: HDFC BANK LTD - Form 20-F

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes  No

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934. Yes  No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of accelerated filer and large accelerated filer in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer  Accelerated filer  Non-accelerated filer   
Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing:

U.S. GAAP  International Financial Reporting Standards as issued by the International Accounting Standards Board  Other

If Other has been checked in response to the previous question, indicate by check mark which financial statement item the registrant has elected to follow:  
Item 17  Item 18

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

This Annual Report on Form 20-F is incorporated by reference to our Registration Statement on Form F-1 Filed on July 12, 2001 (File No. 333-13718).

**Table of Contents**

**TABLE OF CONTENTS**

<u>CROSS REFERENCE SHEET</u>	ii
<u>EXCHANGE RATES AND CERTAIN DEFINED TERMS</u>	1
<u>FORWARD-LOOKING STATEMENTS</u>	2
<u>BUSINESS</u>	3
<u>RISK FACTORS</u>	24
<u>PRICE RANGE OF OUR AMERICAN DEPOSITARY SHARES AND EQUITY SHARES</u>	34
<u>DESCRIPTION OF EQUITY SHARES</u>	36
<u>DESCRIPTION OF AMERICAN DEPOSITARY SHARES</u>	40
<u>DIVIDEND POLICY</u>	47
<u>SELECTED FINANCIAL AND OTHER DATA</u>	48
<u>SELECTED STATISTICAL INFORMATION</u>	51
<u>MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS</u>	70
<u>MANAGEMENT</u>	90
<u>PRINCIPAL SHAREHOLDERS</u>	107
<u>RELATED PARTY TRANSACTIONS</u>	108
<u>TAXATION</u>	111
<u>SUPERVISION AND REGULATION</u>	117
<u>EXCHANGE CONTROLS</u>	131
<u>RESTRICTIONS ON FOREIGN OWNERSHIP OF INDIAN SECURITIES</u>	133
<u>ADDITIONAL INFORMATION</u>	136
<u>INDEX TO CONSOLIDATED FINANCIAL STATEMENTS</u>	F-1
<u>EXHIBIT INDEX</u>	

**Table of Contents****CROSS REFERENCE SHEET****Form 20-F**

<b>Part I</b>	<b>Item Caption</b>	<b>Location</b>	<b>Page</b>
Item 1	Identity of Directors, Senior Management and Advisors	Not Applicable	
Item 2	Offer Statistics and Expected Timetable	Not Applicable	
Item 3	Key Information	Exchange Rates and Certain Defined Terms	1
		Risk Factors	24
		Selected Financial and Other Data	48
Item 4	Information on the Company	Business	3
		Selected Statistical Information	51
		Management's Discussion and Analysis of Financial Condition and Results of Operations	70
		Principal Shareholders	107
		Related Party Transactions	108
		Supervision and Regulation	117
Item 4A	Unresolved Staff Comments	Management's Discussion and Analysis of Financial Condition and Results of Operations	89
Item 5	Operating and Financial Review and Prospects	Management's Discussion and Analysis of Financial Condition and Results of Operations	70
		Merger of Centurion Bank of Punjab	71
Item 6	Directors, Senior Management and Employees	Business Employees	22
		Management	90
		Principal Shareholders	107
Item 7	Major Shareholders and Related Party Transactions	Principal Shareholders	107
		Management Loans to Members of our Senior Management	100
		Related Party Transactions	108
Item 8	Financial Information	Business Legal Proceedings	23
Item 9	The Offer and Listing	Price Range of Our American Depositary Share and Equity Shares	34
		Restrictions on Foreign Ownership of Indian Securities	133
Item 10	Additional Information	Management	90
		Description of Equity Shares	36
		Dividend Policy	47
		Taxation	111
		Supervision and Regulation	117
		Exchange Controls	131
		Restrictions on Foreign Ownership of Indian Securities	133
		Additional Information	136
Item 11	Quantitative and Qualitative Disclosures About Market Risk	Business Risk Management	17
		Selected Statistical Information	51
Item 12	Description of Securities Other than Equity Securities	Not Applicable	
Item 12D	ADSs fee disclosure	Description of American Depositary Shares Fees and Charges for Holders of American Depositary Shares	43

**Table of Contents**

	<b>Item Caption</b>	<b>Location</b>	<b>Page</b>
<b>Part II</b>			
Item 13	Defaults, Dividend Arrearages and Delinquencies	Not Applicable	
Item 14	Material Modifications to the Rights of Security Holders and Use of Proceeds	Not Applicable	
Item 15	Controls and Procedures	Management Controls and Procedures	101
		Management s Report on Internal Control Over Financial Reporting	137
		Report of Independent Registered Public Accounting Firm	138
Item 16A	Audit Committee Financial Expert	Management Audit and Compliance Committee Financial Expert	102
Item 16B	Code of Ethics	Management Code of Ethics	102
Item 16C	Principal Accountant Fees and Services	Management Principal Accountant Fees and Services	102
Item 16D	Exemption from the Listing Standards for Audit Committees	Not Applicable	
Item 16E	Purchases of Equity Securities by the Issuer and Affiliated Purchasers	Not Applicable	
Item 16F	Changes in or disagreements with accountants	Not Applicable	
Item 16G	Significant Differences in Corporate Governance Practices	Management Compliance with NYSE Listing Standards on Corporate Governance	103

**Table of Contents****EXCHANGE RATES AND CERTAIN DEFINED TERMS**

In this document, all references to we, us, our, HDFC Bank or the Bank shall mean HDFC Bank Limited or where the context requires also its subsidiaries whose financials are consolidated for accounting purposes. References to the U.S. or United States are to the United States of America, its territories and its possessions. References to India are to the Republic of India. References to \$ or US\$ or dollars or U.S. dollars are to the legal currency of the United States and references to Rs. or rupees or Indian rupees are to the legal currency of India.

Our financial statements are presented in Indian rupees and in some cases translated into U.S. dollars. The financial statements and all other financial data included in this report, except as otherwise noted, are prepared in accordance with United States generally accepted accounting principles, or U.S. GAAP. References to a particular fiscal year are to our fiscal year ended March 31 of such year.

Fluctuations in the exchange rate between the Indian rupee and the U.S. dollar will affect the U.S. dollar equivalent of the Indian rupee price of the equity shares on the Indian stock exchanges and, as a result, will affect the market price of our American Depositary Shares ( ADSs ) in the United States. These fluctuations will also affect the conversion into U.S. dollars by the depository of any cash dividends paid in Indian rupees on the equity shares represented by ADSs.

From 1980 until fiscal 2003, the rupee consistently depreciated against the dollar. In fiscal 2004 and 2005, the Indian rupee appreciated compared to fiscal 2003. However, in 2006, the rupee depreciated against the U.S. dollar. During fiscal 2007 and fiscal 2008, the rupee appreciated against the U.S. dollar. This trend was reversed during fiscal 2009 when the rupee depreciated against the U.S. dollar. In fiscal 2010 the rupee has appreciated against the U.S. dollar (the high and low during the period being Rs 50.48 per US\$1.00 and Rs. 44.94 per US\$1.00, respectively).

The following table sets forth, for the periods indicated, information concerning the exchange rates between Indian rupees and U.S. dollars based on the noon buying rate in The City of New York:

<b>Fiscal Year</b>	<b>Period End<sup>(1)</sup></b>	<b>Average<sup>(1)(2)</sup></b>	<b>High</b>	<b>Low</b>
2006	44.48	44.17	46.26	43.05
2007	43.10	45.11	46.83	42.78
2008	40.02	40.13	43.05	38.48
2009	50.87	45.84	51.96	39.73
2010	44.95	47.39	50.48	44.94

(1) The noon buying rate at each period end and the average rate for each period differed from the exchange rates used in the preparation of our financial statements.

(2) Represents the average of the noon buying rate for all days during the period.

The following table sets forth the high and low noon buying rate for the Indian rupee for each of the previous six months:

<b>Month</b>	<b>Period End</b>	<b>Average</b>	<b>High</b>	<b>Low</b>
March 2010	44.95	45.45	46.01	44.94
April 2010	44.20	44.44	44.79	44.10
May 2010	46.31	45.77	47.49	44.46
June 2010	46.41	46.50	47.08	45.64
July 2010	46.35	46.76	47.23	46.25
August 2010	47.02	46.46	47.02	45.70

Although we have translated selected Indian rupee amounts in this document into U.S. dollars for convenience, this does not mean that the Indian rupee amounts referred to could have been, or could be, converted to U.S. dollars at any particular rate, the rates stated above, or at all. Unless otherwise stated, all translations from Indian rupees to U.S. dollars are based on the noon buying rate in the City of New York for cable transfers in Indian rupees at US\$1.00 = Rs. 44.95 on March 31, 2010. The noon buying rate on September 24, 2010 was Rs. 45.10 per US\$1.00.





**Table of Contents**

**FORWARD-LOOKING STATEMENTS**

We have included statements in this report which contain words or phrases, such as will, aim, believe, expect, will continue, anticipate, intend, plan, future, objective, project, should, and similar expressions or variations of these expressions, that are forward-looking statements. Actual results may differ materially from those suggested by the forward-looking statements due to certain risks or uncertainties associated with our expectations with respect to, but not limited to, our ability to implement our strategy successfully, the market acceptance of and demand for various banking services, future levels of our non-performing loans, our growth and expansion, the adequacy of our allowance for credit and investment losses, technological changes, volatility in investment income, our ability to market new products, cash flow projections, the outcome of any legal, tax or regulatory proceedings in India and in other jurisdictions we are or become a party to, the future impact of new accounting standards, our ability to pay dividends, the impact of changes in banking regulations and other regulatory changes in India and other jurisdictions on us, our ability to roll over our short-term funding sources and our exposure to market and operational risks. By their nature, certain of the market risk disclosures are only estimates and could be materially different from what may actually occur in the future. As a result, actual future gains, losses or impact on net income could materially differ from those that have been estimated.

In addition, other factors that could cause actual results to differ materially from those estimated by the forward-looking statements contained in this document include, but are not limited to: general economic and political conditions, instability or uncertainty in India and other countries which have an impact on our business activities or investments, caused by any factor including terrorist attacks in India, the United States or elsewhere, anti-terrorist or other attacks by the United States, a United States-led coalition or any other country, tensions between India and Pakistan related to the Kashmir region, military armament or social unrest in any part of India, the monetary and interest rate policies of the government of India, natural calamities, inflation, deflation, unanticipated turbulence in interest rates, foreign exchange rates, equity prices or other rates or prices, the performance of the financial markets in India and globally, changes in Indian and foreign laws and regulations, including tax, accounting and banking regulations, changes in competition and the pricing environment in India, and regional or general changes in asset valuations. For further discussion on the factors that could cause actual results to differ, see Risk Factors .

**Table of Contents****BUSINESS****Overview**

We are a new generation private sector bank in India. Our goal is to be the preferred provider of financial services to upper and middle income individuals and corporations in India. Our strategy is to provide a comprehensive range of financial products and services for our customers through multiple distribution channels, with what we believe is high quality service and superior execution. We have three principal business activities: retail banking, wholesale banking and treasury operations.

We have grown rapidly since commencing operations in January 1995. In the five years ended March 31, 2010, we expanded our operations from 467 branches and 1,147 ATMs in 211 cities to 1,725 branches and 4,232 ATMs in 779 cities. During the same five years, our customer base grew from 6.8 million customers to over 19 million customers. As our geographical reach and market penetration have expanded, our assets have grown from Rs. 535.5 billion as of March 31, 2005 to Rs. 2,416.5 billion as of March 31, 2010. Our net income has increased from Rs. 6.6 billion for fiscal 2005 to Rs. 24.6 billion for fiscal 2010 at a compounded annual growth rate of 30.1%.

Our rapid growth is in part attributable to our acquisition of Centurion Bank of Punjab Limited (CBoP). CBoP was a private sector Indian bank that offered retail, small and medium enterprise and corporate banking products and services, similar to ours. Our shareholders approved the acquisition on March 27, 2008, and it became effective May 23, 2008. As consideration for the acquisition, every 29 equity shares of CBoP were exchanged for one of our equity shares. The primary purpose of the acquisition was to realize potential synergies and growth opportunities.

As a result of our acquisition of CBoP, our network increased by 404 branches and 426 ATMs with a geographical spread mainly across areas such as Punjab, Haryana and Kerala. We acquired over two million customers and approximately Rs. 266,834.6 million in assets and assumed approximately Rs. 239,003.1 million in liabilities. The fair value of the net assets we acquired was Rs. 27,831.5 million on the date we acquired CBoP, which resulted in goodwill of Rs. 74,937.9 million. Had the CBoP acquisition taken place at the beginning of fiscals 2008 and 2009, our combined net income would have been Rs. 12,059.5 million and Rs. 14,174.5 million for fiscals 2008 and 2009, respectively (our actual net income was Rs. 13,154.2 million and Rs. 15,104.3 million for fiscals 2008 and 2009, respectively).

Notwithstanding our pace of growth, we have maintained a strong balance sheet and a low cost of funds. As of March 31, 2010, net non-performing customer assets (which consist of loans and credit substitutes) constituted 0.3% of net customer assets as per Indian generally accepted accounting principles, or Indian GAAP. In addition, our net customer assets represented 75.7% of our deposits and customer deposits represented 75.3% of our total liabilities and shareholders' equity. The average non-interest bearing current accounts and low-interest bearing savings accounts represented 48.5% of total deposits for fiscal 2010. These low-cost deposits and the cash float associated with our transactional services, led to an average cost of funds including equity (calculated under Indian GAAP) for fiscal 2010 of 4.0%.

We are part of the HDFC group of companies established by our principal shareholder, Housing Development Finance Corporation Limited (HDFC Limited), a listed public limited company established under the laws of India. HDFC Limited is primarily engaged in financial services, including mortgages, property-related lending and deposit services. The subsidiaries and associated companies of HDFC Limited are also largely engaged in a range of financial services, including asset management, life and other insurance. HDFC Limited and its subsidiaries owned 23.7% of our outstanding equity shares as of March 31, 2010. Our Chairman and Managing Director were nominated by HDFC Limited and appointed with the approval of the shareholders and the Reserve Bank of India (RBI). Mr. Keki Mistry, Vice Chairman & Chief Executive Officer of HDFC Limited and Mrs. Renu Karnad, Managing Director of HDFC Limited are also members of our Board of Directors. Effective July 16, 2010, Mrs. Renu Karnad retired from the Board of the Bank on completion of her tenure. See also [Principal Shareholders](#). We have no agreements with HDFC Limited or any of its group companies that restrict us from competing with them. We currently offer products of HDFC Limited and its group companies, such as home loans of HDFC Limited, life and general insurance products of HDFC Standard Life Insurance Company Limited and HDFC ERGO General Insurance Company Limited respectively and mutual funds of HDFC Asset Management Company Limited.

We had a cash outflow of approximately Rs. 6.5 billion, Rs. 6.9 billion and Rs. 6.0 billion in fiscals 2008, 2009 and 2010, respectively, principally for property, plant and equipment, including our branch network expansion and our technology and communications infrastructure. We have current plans for aggregate capital expenditures of approximately Rs. 5.9 billion in fiscal 2011. This budgeted amount includes Rs. 1.1 billion to expand our branch and back office network, Rs. 1.1 billion to expand our ATM network, Rs. 0.2 billion to expand our Electronic Data Capture terminal network and Rs. 3.5 billion to upgrade and expand our hardware, data center, network and other systems. We may use these budgeted amounts for other purposes depending on, among other factors, the business environment prevailing at the time, consequently our actual capital expenditures may be higher or lower than our budgeted amounts.



---

## **Table of Contents**

The Bank has two subsidiaries: HDFC Securities Limited ( HSL ) and HDB Financial Services Limited ( HDBFS ). HSL is primarily in the business of providing brokerage services through the internet and other channels. HDBFS is a non-deposit taking non-bank finance company ( NBFC ). We have consolidated the accounts of Atlas Documentary Facilitators Company Private Ltd. ( ADFC ), which provides back office transaction processing services, in our U.S. GAAP financial statements.

Our principal corporate and registered office is located at HDFC Bank House, Senapati Bapat Marg, Lower Parel, Mumbai 400 013, India. Our telephone number is 91-22-6652-1000. Our agent in the United States for the 2007 ADS offering is Depositary Management Corporation, 570 Lexington Avenue, 44th Floor, New York, NY 10022 and that for the 2001, 2005 ADS offerings and Patriot Act information gathering is CT Corporation, 111 Eighth Avenue, New York, NY 10011.

### **Our Competitive Strengths**

We attribute our growth and continuing success to the following competitive strengths:

#### ***We are a leader among Indian banks in our use of technology***

Since our inception, we have made substantial investments in our technology platform and systems. We have built multiple distribution channels, including an electronically linked branch network, automated telephone banking, internet banking and banking through mobile phones, to offer our customers convenient access to our products.

We have templated credit underwriting through automated customer data de-duplication and real-time scoring in our loan origination process. We have enhanced our cross selling and upselling capabilities through data mining and analytical customer relationship management solutions. Our technology enables us to have a 360<sup>o</sup> view of our customers through entity resolution technology based customer data integration. We employ event detection technology based customer messaging and have deployed an enterprise wide data warehousing solution as a back bone to intelligence enable our enterprise.

We have introduced faster Automated Teller Machines ( ATMs ) by reducing customer clicks by approximately 40% through use of advanced personalization solutions on our ATMs. Implementation of a robust risk management engine for all our internet transactions has reduced phishing and man-in-the-middle attacks significantly since October 2008. Additionally we offer our corporate internet banking customers a robust digital certificates based security engine. Credit and debit cards usage by our customers is secured by powerful proactive risk manager technology solutions which undertake rules-based SMS alerts as well as prompt our customer service representatives to call the customer on detecting abnormal usage behavior to prevent fraud and minimize losses to customers. Sophisticated automated switch-over and switch-back solutions power our disaster recovery management strategy for key core banking solutions in our data center.

Our use of technology has driven the development of innovative product features, reduced our operating costs, enhanced customer service delivery and reduced inherent risks. We have been an early adopter of many of the new technology-based systems, such as: (a) a centralized core banking system; (b) an integrated data warehouse for retail banking; (c) mobile banking; (d) an on-line ATM switch and ATM solution with on-line authorization in the host; (e) an image-based data entry system for account opening; and (f) a digital signature based corporate internet banking solution using Public Key Infrastructure technology for our corporate customers. We believe that early adoption of new technologies has increased our efficiency and effectiveness and reduced turn-around times.

#### ***We deliver high quality service with superior execution***

Through intensive training of our staff and the use of our technology platform, we deliver efficient service with rapid response time. Our focus on knowledgeable and personalized service draws customers to our products and increases existing customer loyalty.

Many of our operational processes are certified under the International Organization for Standardization (ISO) 9001:2008. This certification requires the underlying processes to be robust, effective and efficient. The ISO certification ensures that: (a) we have a set of procedures that cover key processes; (b) our processes are monitored to ensure effectiveness; (c) adequate records are maintained; and (d) outputs are monitored for any defects so that appropriate and accurate remedial actions can be undertaken.

Some of our operational achievements, which we believe have enabled us to deliver high quality service, include: (i) deposit accounts are processed by our operations team with a turn-around-time of less than two working days; (ii) welcome kits are dispatched to customers within two working days of opening a deposit account; and (iii) internet banking personal identification numbers (PINs) are generated within one working day of a request logged in our systems.



## **Table of Contents**

### ***We offer a wide range of products to our clients in order to service their banking needs***

Whether in retail or wholesale banking, we consider ourselves a one-stop shop for our customers' banking needs. Our retail banking products range from almost all kinds of retail loans, deposit products and other products and services such as private banking, depository accounts, foreign exchange services, distribution of third party products such as insurance and mutual funds, bill payments and sale of precious metals such as gold and silver. In addition we offer our customers broking accounts through our subsidiary HDFC Securities Limited. On the wholesale banking side we offer customers working capital loans, term loans, bill collections, letters of credit and guarantees and forex and derivative products. In addition we offer a wide range of deposit and transaction banking services such as cash management, custodial and clearing bank services and correspondent banking. We collect taxes for the government and are bankers to public issues. Our wide range of products creates multiple cross-selling opportunities for us and improves our customer retention rates.

### ***We have an experienced management team***

Many of the members of our senior management team have been with us since the inception of the Bank. They have substantial experience in banking across various countries and share our common vision of excellence in execution. We believe this team is well suited to leverage the competitive strengths we have already developed as well as to create new opportunities for our business. See also Management .

## **Our Business Strategy**

Our business strategy emphasizes the following elements:

### ***Increase our market share of India's expanding banking and financial services industry***

In addition to benefiting from the overall growth in India's economy and financial services industry, we believe we can increase our market share by continuing to focus on our competitive strengths. We also aim to increase geographic and market penetration by expanding our branch and ATM networks and increasing our efforts to cross-sell our products.

### ***Maintain strong asset quality through disciplined credit risk management***

We have maintained high quality loan and investment portfolios through careful targeting of our customer base, and putting in place what we believe are comprehensive risk assessment processes and diligent risk monitoring and remediation procedures. Our ratio of gross non-performing assets to customer assets was 1.4% as of March 31, 2010 and our net non-performing assets amounted to 0.3% of net customer assets as per Indian GAAP. Additionally, the Bank has restructured the payment terms of certain loans. As of March 31, 2010, these represented 0.3% of our gross customer assets. We believe we can maintain strong asset quality appropriate to the loan portfolio composition, while achieving growth.

### ***Maintain a low cost of funds***

As of March 31, 2010, our average cost of funds (including equity) was 4.0% as per Indian GAAP. We believe we can maintain a relatively low-cost funding base as compared to our competitors, by expanding our base of retail savings and current deposits and increasing the free float generated by transaction services, such as cash management and stock exchange clearing.

### ***Focus on high earnings growth with low volatility***

Our aggregate earnings have grown at a compounded average rate of 30.1% during the five-year period ending March 31, 2010. We intend to maintain our focus on steady earnings growth through conservative risk management techniques and low-cost funding. In addition, we aim not to rely heavily on revenue derived from trading so as to limit earnings volatility.

**Table of Contents****Our Principal Business Activities**

Our principal business activities consist of retail banking, wholesale banking and treasury operations. The following table sets forth our net revenues attributable to each area for the last three years.

	2008		Year ended March 31, 2009				2010	
	(in millions, except percentages)							
Retail banking	Rs. 42,342.8	68.5%	Rs. 67,089.8	77.9%	Rs. 84,685.7	US\$ 1,884.1	80.1%	
Wholesale banking	18,040.4	29.2%	15,151.9	17.6%	14,125.6	314.3	13.4%	
Treasury operations	1,431.4	2.3%	3,848.3	4.5%	6,825.8	151.9	6.5%	
Net revenue	Rs. 61,814.6	100%	Rs. 86,090.0	100%	Rs. 105,637.1	US\$ 2,350.3	100%	

**Retail Banking****Overview**

We consider ourselves a one-stop shop for the financial needs of upper and middle income individuals. We provide a comprehensive range of financial products including deposit products, loans, credit cards, debit cards, third-party mutual funds and insurance products, investment advice, bill payment services and other services. Our retail banking loan products include loans to small and medium enterprises for commercial vehicles, construction equipment and other business purposes, which together account for slightly less than a third of our total retail banking loans. We group these loans as part of our retail banking business considering, among other things, the customer profile, the nature of the product, the differing risks and returns, our organization structure and our internal business reporting mechanism. Such grouping ensures optimum utilization and deployment of specialized resources in our retail banking business.

We market our services aggressively through our branches and alternate sales channels, as well as through our relationships with automobile dealers and corporate clients. We seek to establish a relationship with a retail customer and then expand it by offering more products. As part of our growth strategy we continue to expand our distribution channels so as to make it easier for the customer to do business with us. We believe this strategy, together with the general growth of the Indian economy and the Indian upper and middle classes, affords us significant opportunities for growth.

As of March 31, 2010, we had 1,725 branches, including 9 extension counters, and 4,232 ATMs in 779 cities. We also provide telephone banking in 778 cities as well as internet and mobile banking. We plan to continue to expand our branch and ATM network as well as our other distribution channels, subject to receiving regulatory approvals.

**Retail Loans and Other Asset Products**

We offer a wide range of retail loans, including loans for the purchase of automobiles, personal loans, retail business banking loans, loans for the purchase of commercial vehicles and construction equipment finance, two-wheeler loans, credit cards, and loans against securities. Our retail loans were 55.5% of our gross loans as of March 31, 2010. Apart from our branches, we use our ATM screens and the internet to promote our loan products and we employ additional sales methods depending on the type of products. We perform our own credit analyses of the borrowers and the value of the collateral. See Risk Management Credit Risk Retail Credit Risk. We also buy mortgage and other asset-backed securities and invest in retail loan portfolios through assignments. In addition to taking collateral in many cases, we generally obtain post-dated checks covering all payments at the time a retail loan is made. It is a criminal offense in India to issue a bad check. We also sometimes obtain instructions to debit the customer's account directly for the making of payments. However, unsecured personal loans are still a greater credit risk for us than our secured loan portfolio because they are not supported by any collateral. We may be unable to collect in part or at all on an unsecured personal loan in the event of non-payment by the borrower. Accordingly, personal loans are granted at a higher loan yield since they carry a higher credit risk as compared to secured loans. Also see Risk Factors *Our unsecured personal loan portfolio is not supported by any collateral that could help ensure repayment of the loan, and in the event of non-payment by a borrower of one of these loans, we may be unable to collect the unpaid balance.*





**Table of Contents**

The following table shows the value and share of our retail credit products:

	At March 31, 2010 Value (in millions)		% of Total Value
<b>Retail Loans:</b>			
Auto loans	Rs. 197,507.7	US\$ 4,393.9	26.7%
Personal loans	90,955.0	2,023.5	12.3
Retail business banking	144,733.7	3,219.9	19.6
Commercial vehicles and construction equipment finance	94,205.1	2,095.8	12.7
Two wheeler loans	18,180.1	404.5	2.5
Credit cards	38,458.1	855.6	5.2
Loans against securities	9,071.6	201.8	1.2
Housing loans	87,887.0	1,955.2	11.9
Other retail loans	51,985.9	1,156.5	7.0
<b>Total retail loans</b>	<b>732,984.2</b>	<b>16,306.7</b>	<b>99.1</b>
Mortgage-backed securities	6,226.3	138.5	0.8
Asset-backed securities	682.2	15.2	0.1
<b>Total retail assets</b>	<b>Rs. 739,892.7</b>	<b>US\$ 16,460.4</b>	<b>100.0%</b>

Note: The figures above exclude securitized-out receivables. Mortgaged-backed securities and asset-backed securities are reflected at fair values.

*Auto Loans*

We offer loans at fixed interest rates for financing new and used automobile purchases. In addition to our general marketing efforts for retail loans, we market this product through our relationships with car dealers, direct sales agents, corporate packages and joint promotion programs with automobile manufacturers.

*Personal Loans*

We offer unsecured personal loans at fixed rates to specific customer segments, including salaried individuals and self-employed professionals. In addition, we offer unsecured personal loans to small businesses and individual businessmen.

*Retail Business Banking*

We address the borrowing needs of the community of small businessmen primarily located near our bank branches by offering facilities such as credit lines, term loans for expansion or addition of facilities and discounting of receivables. We classify these business banking loans as a retail product. Such lending is typically secured with current assets as well as immovable property and fixed assets in some cases. We also offer letters of credit, guarantees and other basic trade finance products, foreign exchange and cash management services to such businesses.

*Commercial Vehicles and Construction Equipment Finance*

We provide secured financing for commercial vehicles and provide working capital, bank guarantees and trade advances to transport operators. In addition to funding domestic assets, we also finance imported assets for which we open foreign letters of credit and offer treasury services, such as forward exchange covers. We coordinate with manufacturers to jointly promote our financing options to their clients.

*Two-Wheeler Loans*

We offer loans for financing the purchase of scooters and motorcycles. We market this product in ways similar to our marketing of auto loans.

*Credit Cards*

We offer credit cards from the VISA and MasterCard stable, including gold, silver, corporate, platinum, titanium, signature, infinite and world credit cards. We had approximately 4.5 million cards outstanding as of March 31, 2010, as against 4.4 million as of March 31, 2009.

## **Table of Contents**

### *Loans Against Securities*

We offer loans against equity shares, mutual fund units, bonds issued by the RBI and other securities that are on our approved list. We limit our loans against equity shares to Rs. 2.0 million per retail customer in line with regulatory guidelines and limit the amount of our total exposure secured by particular securities. We lend only against shares in book-entry (dematerialized) form, which ensures that we obtain perfected and first-priority security interests. The minimum margin for lending against shares is prescribed by the RBI.

### *Other Retail Loans*

Such loans primarily include overdrafts against time deposits, health care equipment financing loans, tractor loans, loans against gold and ornaments, loans to self-help groups and small loans to farmers.

### *Mortgage-backed Securities and Housing Loans*

In fiscal 2003, we entered the home loan business through an arrangement with HDFC Limited. Under this arrangement, we sell home loans provided by HDFC Limited, which approves the credit sanctioning and disburses the loans. The loans are kept on the books of HDFC Limited, and we are paid a sourcing fee. Under the arrangement, HDFC Limited is obligated to offer us up to 70% of the disbursed home loans sourced under the arrangement through the issue of mortgage-backed pass-through certificates ( PTCs ) or through the loan assignment route. We have the option to purchase the mortgage-backed PTCs or the underlying loans at the underlying home loan yields less a spread of 1.25% payable towards the administration and servicing of the loans. A part of the home loans may also qualify for our directed lending requirement.

We also invest in mortgage-backed securities of other originators. These mortgages are generally in India. Most of these securities also qualify towards our directed lending obligations.

After the merger of CBoP with HDFC Bank, the CBoP portfolio of home loans was transferred to HDFC Bank's loan book.

### *Asset-backed Securities*

We invest in auto loans, two-wheeler loans, commercial vehicle loans and other asset-backed securities, represented by PTCs. These securities are normally credit-enhanced and may qualify for our directed lending requirements. These assets are generally in India.

### *Loan Assignments*

We purchase loan portfolios, generally in India, from other banks, financial institutions and financial companies, which are similar to asset-backed securities, except that such loans are not represented by PTCs. Some of these loans also qualify toward our directed lending obligations. Such loans are included within the categories described above based on underlying exposures.

### *Sale/Transfer of Receivables*

We securitize our retail loan receivables through independent special purpose vehicles ( SPVs ) from time to time. In respect of these transactions, we provide credit enhancements generally in the form of cash collateral/guarantees/interest spreads and/or by subordination of cash flows to senior PTCs. We also enter into sale transactions, which are similar to asset-backed securitization transactions through the SPV structure, except that such portfolios of retail loan receivables are assigned directly to the purchaser and are not represented by PTCs. During fiscal 2009, we sold performing retail loans with carrying values of Rs. 22.2 billion. In fiscal 2010 we did not sell any performing loans.

**Table of Contents****Retail Deposit Products**

Retail deposits provide us with a low cost, stable funding base and have been a key focus area for us since commencing operations. Retail deposits represented 67.1% of our total deposits as of March 31, 2010 as per Indian GAAP. The following chart shows the number of accounts and value of our retail deposits by our various deposit products:

	At March 31, 2010			Number of accounts	
	Value (in millions)		% of total	(in thousands)	% of total
Savings	Rs. 479,483.4	US\$ 10,667.1	42.8%	11,126	76.3%
Current	180,781.5	4,021.8	16.1	815	5.6%
Time	461,550.5	10,268.1	41.1	2,641	18.1%
Total	Rs. 1,121,815.4	US\$ 24,957.0	100.0%	14,582	100%

Our individual retail account holders have access to the benefits of a wide range of direct banking services, including debit and ATM cards, access to our growing branch and ATM network, access to our other distribution channels and eligibility for utility bill payments and other services. Our retail deposit products include the following:

Savings accounts, which are demand deposits in checking accounts designed primarily for individuals and trusts. These accrue interest at a fixed rate set by the RBI (currently 3.5% per annum calculated on the daily average balances in the account with effect from April 01, 2010); see also Supervision and Regulation .

Current accounts, which are non-interest bearing checking accounts designed primarily for business customers. Customers have a choice of regular and premium product offerings with different minimum average quarterly account balance requirements.

Time deposits, which pay a fixed return over a predetermined time period.

We also offer special value-added accounts, which offer our customers added value and convenience. These include a time deposit account that allows for automatic transfers from a time deposit account to a savings account, as well as a time deposit account with an automatic overdraft facility.

**Other Retail Services and Products****Debit Cards**

Our debit cards may be used with more than 450,000 merchant point-of-sale machines and over 50,000 ATMs in India and more than 27 million merchant outlets and 1.6 million ATMs worldwide. We were the first in India to issue international Visa Electron debit cards on a nationwide basis and currently issue both Visa and MasterCard debit cards.

**Individual Depository Accounts**

We provide depository accounts to individual retail customers for holding debt and equity instruments. Securities traded on the Indian exchanges are generally not held through a broker's account or in a street name. Instead, an individual has his own account with a depository participant. Depository participants, including us, provide services through the major depositories established by the two major stock exchanges. Depository participants record ownership details and effectuate transfers in book-entry form on behalf of the buyers and sellers of securities. We provide a complete package of services, including account opening, registration of transfers and other transactions and information reporting.

**Mutual Fund Sales**

## Edgar Filing: HDFC BANK LTD - Form 20-F

We offer our retail customers units in most of the large and reputable mutual funds in India. In some cases we earn front-end commissions for new sales and additional fees in subsequent years. We distribute mutual fund products primarily through our branches and our private banking advisors.

### *Insurance*

As of March 31, 2010, we had arrangements with HDFC Standard Life Insurance Company and HDFC ERGO General Insurance Company Limited to distribute their life insurance products and general insurance products respectively to our customers. We earn upfront commissions on new premiums collected as well as some trailing income in subsequent years while the policy is still in force.

## **Table of Contents**

### ***Precious Metals***

We import gold and silver bars for sale to our retail customers through our branch network.

### ***Investment Advice***

We offer our customers a broad range of investment advice, including advice regarding the purchase of Indian debt, equity shares, and mutual funds. We provide our high net worth private banking customers with a personal investment advisor who can consult with them on their individual investment needs.

### ***Bill Payment Services***

We offer our customers utility bill payment services for leading utility companies, including electricity, telephone, and internet service providers. Customers can also review and access their bill details through our direct banking channels. We believe this is a valuable convenience that we offer our customers. We offer these services to customers through multiple distribution channels – ATMs, telephone banking, internet banking and mobile telephone banking.

### ***Corporate Salary Accounts***

We offer Corporate Salary Accounts, which allow employers to make salary payments to a group of employees with a single transfer. We then transfer the funds into the employees' individual accounts and offer them preferred services, such as preferential loan rates, and in some cases lower minimum balance requirements. As of March 31, 2010, these accounts constituted approximately 47.7% of our total retail savings accounts by number and approximately 31.6% of our retail savings deposits by value.

### ***Non-Resident Indian Services***

Non-resident Indians are an important target market segment for us given their relative affluence and strong ties with family members in India. Our non-resident deposits amounted to Rs. 100.1 billion as of March 31, 2010.

### ***Retail Foreign Exchange***

We purchase foreign currency from and sell foreign currency to retail customers in the form of cash, traveler's checks, demand drafts, foreign exchange cards and other remittances, including services offered in partnership with third parties, such as Western Union. We also carry out foreign currency check collections.

### ***Customers and Marketing***

Our target market for our retail services is comprised of upper and middle income individuals and high net worth customers. We also target small businesses, trusts and non-profit corporations. As of March 31, 2010, 10% of our retail deposit customers contributed approximately 35% of our retail deposits. We market our products through our branches, telemarketing and a dedicated sales staff for niche market segments. We also use third-party agents and direct sales associates to market certain products and to identify prospective new customers.

Additionally, we obtain new customers through joint marketing efforts with our wholesale banking department, such as our Corporate Salary Account package. We cross-sell many of our retail products to our customers. We also market our auto loan and two-wheeler loan products through joint efforts with relevant manufacturers and distributors.

We have programs that target other particular segments of the retail market. For example, our private and preferred banking programs provide customized financial planning to high net worth individuals in order to preserve and enhance their wealth. Private banking customers receive a personal investment advisor who serves as their single-point contact and compiles personalized portfolio tracking products, including mutual fund and equity tracking statements. Our private banking program also offers equity investment advisory products. While not as service-intensive as our private banking program, preferred banking offers similar services to a slightly broader target segment. Top revenue-generating customers of our preferred banking program are channeled into our private banking program.



## **Table of Contents**

### **Wholesale Banking**

#### ***Overview***

We provide our corporate and institutional clients a wide array of commercial banking products and transactional services with an emphasis on high quality customer service and relationship management.

Our principal commercial banking products include a range of financing products, documentary credits (primarily letters of credit) and bank guarantees, foreign exchange and derivative products and corporate deposit products. Our financing products include loans, overdrafts, bill discounting and credit substitutes, such as commercial papers, debentures, preference shares and other funded products. Our foreign exchange and derivatives products assist corporations in managing their currency and interest rate exposures.

For our commercial banking products, our customers include companies that are part of private sector business houses, public sector enterprises and multinational corporations, as well as small and mid-sized businesses. Our customers also include suppliers and distributors of corporations to whom we provide credit facilities and with whom we thereby establish relationships as part of a supply chain initiative for both our commercial banking products and transactional services. We aim to provide our corporate customers with high quality customized service. We have relationship managers who focus on particular clients and who work with teams that specialize in providing specific products and services, such as cash management and treasury advisory services.

Loans to small and medium enterprises, which are generally in the nature of loans for commercial vehicles, construction equipment and business purposes, are included as part of our retail banking business. We group these loans as part of our retail banking business considering, among other things, the customer profile, the nature of the product, the differing risks and returns, our organization structure and our internal business reporting mechanism. Such grouping ensures optimum utilization and deployment of specialized resources in our retail banking business.

Our principal transactional services include cash management services, capital markets transactional services and correspondent banking services. We provide physical and electronic payment and collection mechanisms to a range of corporations, financial institutions and government entities. Our capital markets transactional services include custodial services for mutual funds and clearing bank services for the major Indian stock exchanges and commodity exchanges. In addition, we provide correspondent banking services, including cash management services and funds transfers, to foreign banks and cooperative banks.

#### ***Commercial Banking Products***

##### ***Commercial Loan Products and Credit Substitutes***

Our principal financing products are working capital facilities and term loans. Working capital facilities primarily consist of cash credit facilities and bill discounting. Cash credit facilities are revolving credits provided to our customers that are secured by working capital such as inventory and accounts receivable. Bill discounting consists of short-term loans which are secured by bills of exchange that have been accepted by our customers or drawn on another bank. In many cases, we provide a package of working capital financing that may consist of loans and a cash credit facility as well as documentary credits or bank guarantees. Term loans consist of short- and medium-term loans which are typically loans of up to five years in duration. More than 90% of our loans are denominated in rupees with the balance being denominated in various foreign currencies, principally the U.S. dollar.

We also purchase credit substitutes, which are typically comprised of commercial paper, debentures and preference shares issued by the same customers with whom we have a lending relationship in our wholesale banking business. Investment decisions for credit substitute securities are subject to the same credit approval processes as loans, and we bear the same customer risk as we do for loans extended to these customers. Additionally, the yield and maturity terms are generally directly negotiated by us with the issuer. Our credit substitutes have declined over the last three years primarily due to our customers' increased preference for loans which may have resulted from regulations that require the listing and rating of corporate paper.



**Table of Contents**

The following table sets forth the asset allocation of our commercial loans and financing products by asset type. For accounting purposes, we classify cash credit facilities and bill discounting as working capital loans, and commercial paper, debentures and preference shares as credit substitutes (which in turn are classified as investments).

	2008	2009	As of March 31, 2010	2010
	(in millions)			
<b>Gross commercial loans:</b>				
Working capital	Rs. 118,766.9	Rs. 154,054.9	Rs. 228,276.2	US\$ 5,078.4
Term loans	168,002.0	236,597.1	359,680.6	8,001.8
Total commercial loans	Rs. 286,768.9	Rs. 390,652.0	Rs. 587,956.8	US\$ 13,080.2
<b>Credit substitutes:</b>				
Commercial paper	Rs. 349.8	Rs. 961.1	Rs. 197.1	US\$ 4.4
Non-convertible debentures	4,645.0	3,262.1	2,279.2	50.7
Preference shares	52.1	29.1		
Total credit substitutes	Rs. 5,046.9	Rs. 4,252.3	Rs. 2,476.3	US\$ 55.1
Customer assets	Rs. 291,815.8	Rs. 394,904.3	Rs. 590,433.1	US\$ 13,135.3

While we generally lend on a cash-flow basis, we also require collateral from a large number of our borrowers. As of March 31, 2010, approximately 67.8% of the aggregate principal amount of our gross wholesale loans was secured by collateral (approximately Rs. 189.3 billion in aggregate principal amount of loans were unsecured). However, collateral securing each individual loan may not be adequate in relation to the value of the loan. All borrowers must meet our internal credit assessment procedures, regardless of whether the loan is secured. See [Risk Management](#) [Credit Risk](#) [Wholesale Credit Risk](#).

We price our loans based on a combination of our own cost of funds, market rates, our rating of the customer and the overall revenues from the customer. An individual loan is priced on a fixed or floating rate based on a margin that depends on the credit assessment of the borrower.

The RBI requires banks to lend to specific sectors of the economy. For a detailed discussion of these requirements, see [Supervision and Regulation](#) [Regulations Relating to Making Loans](#) [Directed Lending](#).

*Bill Collection, Documentary Credits and Bank Guarantees*

We provide bill collection, documentary credit facilities and bank guarantees for our corporate customers. Documentary credits and bank guarantees are typically provided on a revolving basis. The following table sets forth, for the periods indicated, the value of transactions processed with respect to our bill collection, documentary credits and bank guarantees:

	2008	2009	As of March 31, 2010	2010
	(in millions)			
Bill collection	Rs. 526,461.8	Rs. 971,231.8	Rs. 1,876,968.0	US\$ 41,756.8
Documentary credits	194,879.8	357,541.3	319,658.0	7,111.4
Bank guarantees	42,578.8	65,200.6	88,439.1	1,967.5
Total	Rs. 763,920.4	Rs. 1,393,973.7	Rs. 2,285,065.1	US\$ 50,835.7

*Bill collection.* We provide bill collection services for our corporate clients in which we collect bills on behalf of a corporate client from the bank of our client's customer. We do not advance funds to our client until receipt of payment.

## Edgar Filing: HDFC BANK LTD - Form 20-F

*Documentary credits.* We issue documentary credit facilities on behalf of our customers for trade financing, sourcing of raw materials and capital equipment purchases.

*Bank guarantees.* We provide bank guarantees on behalf of our customers to guarantee their payment or performance obligations. A large part of our guarantee portfolio consists of margin guarantees to brokers issued in favor of stock exchanges.

**Table of Contents***Foreign Exchange and Derivatives*

Our foreign exchange and derivative product offering to our customers covers a range of products, including foreign exchange and interest rate transactions and hedging solutions, such as spot and forward foreign exchange contracts, forward rate agreements, currency swaps, currency options, and interest rate derivatives. These transactions enable our customers to transfer, modify or reduce their foreign exchange and interest rate risks. A specified group of relationship managers from our Treasury front office works on such product offerings jointly with the relationship managers from Wholesale Banking.

Forward exchange contracts are commitments to buy or sell foreign currency at a future date at the contracted rate. A currency option is a contract where the purchaser of the option has the right but not the obligation to either purchase or sell and the seller of the option agrees to sell or purchase an agreed amount of a specified currency at a price agreed in advance and denominated in another currency on a specified date or by an agreed date in the future. A forward rate agreement is a financial contract between two parties to exchange interest payments for a notional principal amount on the settlement date, for a specified period from the start date to the maturity date. Currency swaps are commitments to exchange cash flows by way of interest in one currency against another currency and exchange of principal amounts at maturity based on predetermined rates. Rupee interest rate swaps are commitments to exchange fixed and floating rate cash flows in rupees.

The following table presents the aggregate notional principal amounts of our outstanding foreign exchange and derivative contracts with our customers as of March 31, 2008, 2009 and 2010, together with the fair values on each reporting date:

	2008		2009		2010		2010	
	Notional	Fair Value	Notional	Fair Value	Notional	Fair Value	Notional	Fair Value
	As of March 31, (In millions)							
Interest rate swaps and forward rate agreements	Rs. 562,077.2	Rs. 201.9	Rs. 135,612.0	Rs. (3,059.6)	Rs. 191,878.3	Rs. (1,462.7)	US\$4,268.7	US\$(32.5)
Forward exchange contracts, currency swaps, currency options and interest rate caps and floors	Rs. 349,785.6	Rs. (1,266.9)	Rs. 354,385.6	Rs. 20,657.0	Rs. 420,632.2	Rs. 1,565.9	US\$9,357.8	US\$34.8
<i>Investment banking</i>								

We have recently launched investment banking services. We currently focus on providing debt and loan syndication as well as private placements as an added offering for our wholesale banking customers.

*Precious Metals*

We are in the business of importing gold and silver bullion to leverage our distribution and servicing strengths and cater to the domestic bullion trader segment. We generally import bullion on a consignment basis so as to minimize price risk.

*Wholesale Deposit Products*

As of March 31, 2010, we had wholesale deposits totaling Rs. 550.6 billion, which represented 32.9% of our total deposits and 22.8% of our total liabilities, including shareholders' equity. We offer both non-interest bearing current accounts and time deposits. We are allowed to vary the interest rates on our wholesale deposits based on the size of the deposit (for deposits greater than Rs. 1.5 million) so long as the rates booked on a day are the same for all customers of that deposit size for that maturity. See Selected Statistical Information for further information about our total deposits.

**Transactional Services***Cash Management Services*

We provide cash management services in India. We were among the top three banks in India with respect to managing National Electronic Funds Transfer (NEFT) and Real Time Gross Settlement (RTGS) payments based on statistics published by RBI. We received the Asset Triple A Award for The Best Cash Management Bank in India during the fiscal year ended March 2010. Our services make it easier for our corporate

## Edgar Filing: HDFC BANK LTD - Form 20-F

customers to expedite inter-city check collections, make payments to their suppliers more efficiently, optimize liquidity and reduce interest costs. In addition to benefiting from the cash float, which reduces our overall cost of funds, we may also earn commissions for these services.

---

## **Table of Contents**

Our primary cash management service is check collection and payment. Through our electronically linked branch network, correspondent bank arrangements and centralized processing, we can effectively provide nationwide collection and disbursement systems for our corporate clients. This is especially important because there is no nationwide payment system in India, and checks must generally be returned to the city from which written, in order to be cleared. Because of mail delivery delays and the variations in city-based inter-bank clearing practices, check collections can be slow and unpredictable, and can lead to uncertainty and inefficiencies in cash management. We believe we have a strong position in this area relative to most other participants in this market. Although the public sector banks have extensive branch networks, many of their branches typically are still not electronically linked. The foreign banks are restricted in their ability to expand their branch network.

As of March 31, 2010, over 4,000 wholesale banking clients used our cash management services. These clients include leading Indian private sector companies, public sector undertakings and multinational companies. We also provide these services to most Indian insurance companies, many mutual funds, brokers, financial institutions and various government entities.

We have also implemented a straight-through processing solution to link our wholesale banking and retail banking systems. This has led to reduced manual intervention in transferring funds between the corporate accounts which are in the wholesale banking system and beneficiary accounts residing in retail banking systems. This initiative will help reduce transaction costs. We have a large number of commercial clients using our corporate Internet banking for financial transactions with their vendors, dealers and employees who bank with us.

In 2005, the RBI introduced an inter-bank settlement system called the Real Time Gross Settlement ( RTGS ) system. The RTGS system facilitates real time settlements primarily between banks and therefore could have an adverse impact on our cash management services. However, we believe our cash management services offer certain advantages not present in RTGS, including the provision of greater information to our clients regarding the source and identity of payments. In addition, through our cash management services our clients receive checks from their customers, which we believe many of our clients prefer because the issuance of a bad check is a criminal offense in India. See Risk Factors Risks Relating to Our Business We could be adversely affected by the development of a nationwide inter-bank settlement system.

### ***Clearing Bank Services for Stock and Commodity Exchanges***

We serve as a cash-clearing bank for major stock and commodity exchanges in India, including the National Stock Exchange of India Limited ( National Stock Exchange ) and the Bombay Stock Exchange Limited. As a clearing bank, we provide the exchanges or their clearing corporations with a means for collecting cash payments due to them from their members or custodians and a means of making payments to these institutions. We make payments once the broker or custodian deposits the funds with us. In addition to benefiting from the cash float, which reduces our cost of funds, in certain cases we also earn commissions on such services.

### ***Custodial Services***

We provide custodial services principally to Indian mutual funds, as well as to domestic and international financial institutions. These services include safekeeping of securities and collection of dividend and interest payments on securities. Most of the securities under our custody are in book-entry (dematerialized) form, although we provide custody for securities in physical form as well for our wholesale banking clients. We earn revenue from these services based on the value of assets under safekeeping and the value of transactions handled.

### ***Correspondent Banking Services***

We act as a correspondent bank for cooperative banks, cooperative societies and foreign banks. We provide cash management services, funds transfers and services, such as letters of credit, foreign exchange transactions and foreign check collection. We earn revenue on a fee-for-service basis and benefit from the cash float, which reduces our cost of funds.

We are well positioned to offer this service to cooperative banks and foreign banks in light of the structure of the Indian banking industry and our position within it. Cooperative banks are generally restricted to a particular state, and foreign banks have limited branch networks. The customers of these banks frequently need services in other areas of the country that their own banks cannot provide. Because of our technology platforms, geographical reach and the electronic connectivity of our branch network, we can provide these banks with the ability to provide such services to their customers. By contrast, although the public sector banks have extensive branch networks and also provide correspondent banking services, many of them have not yet created electronically connected networks and their branches typically operate independently of one another.

**Table of Contents*****Tax Collections***

We were the first private sector bank to be appointed by the government of India to collect direct taxes. In fiscal 2009 and fiscal 2010, we collected more than Rs. 700 billion and Rs. 800 billion, respectively, of direct taxes for the government of India. We are also appointed to collect sales, excise and service tax within certain jurisdictions in India. In fiscal 2009 and fiscal 2010, we collected over Rs. 160 billion and Rs. 200 billion, respectively, of such indirect taxes for the government of India and relevant state governments. We earn a fee from each tax collection and benefit from the cash float. We hope to expand our range of transactional services by providing more services to government entities.

**Treasury**

Our Treasury Group manages our balance sheet, including our maintenance of reserve requirements and the management of market and liquidity risk. Our Treasury Group also provides advice and execution services to our corporate and institutional customers with respect to their foreign exchange and derivatives transactions. In addition, our Treasury Group seeks to optimize profits from our proprietary trading, which is principally concentrated on Indian government securities.

Our client-based activities consist primarily of advising corporate and institutional customers and transacting spot and forward foreign exchange contracts and derivatives. Our primary customers are multinational corporations, large and medium sized domestic corporations, financial institutions, banks and public sector undertakings. We also advise and enter into foreign exchange contracts with some small companies and non-resident Indians.

The following describes our activities in the foreign exchange and derivatives markets, domestic money markets and debt securities desk and equities market. See also Risk Management for a discussion of our management of market risk including liquidity risk, interest rate risk and foreign exchange risk.

***Foreign Exchange and Derivatives***

We enter into forward exchange contracts, currency options, forward rate agreements, currency swaps and rupee interest rate swaps with inter-bank participants, similar to our Wholesale Banking business, where we enter into such transactions with our customers. To support our clients' activities, we are an active participant in the Indian inter-bank foreign exchange market. We also trade, to a more limited extent, for our own account. We also engage in proprietary trades of rupee-based interest rate swaps and use them as part of our asset liability management. Forward exchange contracts are commitments to buy or sell foreign currency at a future date at the contracted rate. A currency option is a contract where the purchaser of the option has the right but not the obligation to either purchase or sell and the seller of the option agrees to sell or purchase an agreed amount of a specified currency at a price agreed in advance and denominated in another currency on a specified date or by an agreed date in the future. A forward rate agreement is a financial contract between two parties to exchange interest payments for a notional principal amount on the settlement date, for a specified period from the start date to the maturity date. Currency swaps are commitments to exchange cash flows by way of interest in one currency against another currency and exchange of principal amount at maturity based on predetermined rates. Rupee interest rate swaps are commitments to exchange fixed and floating rate cash flows in rupees.

The following table presents the aggregate notional principal amounts of our outstanding foreign exchange and derivative inter-bank contracts as of March 31, 2008, 2009 and 2010, together with the fair values on each reporting date:

	2008		2009		2010		2010	
	Notional	Fair Value	Notional	Fair Value	Notional	Fair Value	Notional	Fair Value
Interest rate swaps and forward rate agreements	Rs. 3,009,854.9	Rs. (1,241.4)	Rs. 1,241,193.2	Rs. 791.0	Rs. 1,830,447.4	Rs. (98.0)	US\$40,721.9	US\$(2.2)
Forward exchange contracts, currency swaps, currency options and interest rate caps and floors	Rs. 1,752,656.1	Rs. 4,535.0	Rs. 2,141,088.9	Rs. (11,876.2)	Rs. 2,260,135.8	Rs. 2,597.9	US\$50,281.1	US\$57.8



## **Table of Contents**

### ***Domestic Money Market and Debt Securities Desk***

Our principal activity in the domestic money market and debt securities market is to ensure that we comply with our reserve requirements. These consist of a cash reserve ratio, which we meet by maintaining balances with the RBI, and a statutory liquidity ratio, which we meet by purchasing Indian government securities. See also *Supervision and Regulation* *Legal Reserve Requirements*. Our local currency desk primarily trades Indian government securities for our own account. We also participate in the inter-bank call deposit market and engage in limited trading of other debt instruments.

### ***Equities Market***

We trade a limited amount of equities of Indian companies for our own account. As of March 31, 2010, we had an internal approved limit of Rs. 400 million for secondary market purchases and Rs. 100 million for primary purchases of equity investments for proprietary trading and our exposure as of March 31, 2010 was within the said limits. We set limits on the amount invested in any individual company as well as stop-loss limits.

### ***Distribution Channels***

We deliver our products and services through a variety of distribution channels, including branches, ATMs, telephone and mobile telephone banking and internet banking.

### ***Branches***

As of March 31, 2010, we had an aggregate of 1,725 branches, including 9 extension counters. Our branch network covers 779 cities. All of our branches are electronically linked so that our customers can access their accounts from any branch regardless of where they have their accounts.

Almost all of our branches focus exclusively on providing retail services and products, though a few also provide wholesale banking services. The range of products and services available at each branch depends in part on the size and location of the branch. Our extension counters typically are small offices, primarily within office buildings, that provide specific commercial and retail banking services.

As part of its branch licensing conditions, the RBI requires that at least 25% of our branches (not including extension counters) be located in semi-urban or rural areas. A semi-urban area is defined as a center with a population of greater than 10,000 but less than 100,000 people. A rural area is defined as a center with a population of less than 10,000 people. These population figures relate to the 2001 census conducted by the government of India. As of March 31, 2010, 584 of our branches (not including extension counters) were in such semi-urban or rural areas. Recently the RBI has given a general permission to Scheduled Commercial Banks to open branches in locations having a population lower than 50,000 and in the case of the north eastern states of India including the state of Sikkim without having the need to obtain prior approvals. The banks are directed to report full details of the branches opened in terms of the above general permission. We offer various banking services to our customers through our arrangements with correspondent banks and exchange houses in overseas locations.

We have representative offices in the United Arab Emirates and Kenya and have a wholesale banking branch in Bahrain which commenced operations in September 2008. Through this branch we provide services to Indian corporates and their affiliates to cater to their international banking requirements.

### ***Automated Teller Machines***

As of March 31, 2010, we had a total of 4,232 ATMs, of which 2,311 were located at our branches or extension counters and 1,921 were located off site, including at large residential developments, or on major roads in metropolitan areas.

Customers can use our ATMs for a variety of functions, including withdrawing cash, monitoring bank balances, depositing cash / cheques and paying utility bills. Customers can access their accounts from any of the HDFC Bank ATMs or Non-HDFC Bank ATMs. ATM cards issued by other banks in the Plus, Cirrus and Amex networks can be used in our ATMs and we receive a fee for each transaction. Our Debit Cards can be used on ATMs of other banks while our ATM cards can be used on most of the ATM networks (other than Visa and Mastercard).



## **Table of Contents**

### ***Telephone Banking***

We provide telephone banking services to our customers in 778 cities. Customers can access their accounts over the phone through our 24-hour automated voice response system and can order check books, conduct balance inquiries and order stop payments on checks. In select cities, customers can also engage in financial transactions (such as cash transfers, opening deposits and ordering demand drafts). In certain cities, we also have staff available during select hours to assist customers who want to speak directly to one of our telephone bankers.

### ***Mobile Telephone Banking***

Using our mobile banking platform, customers can perform enquiry based non-financial transactions such as balance enquiries, requests for account statements and requests for mini statements of their transactions etc. We offer our customers the ability to carry out financial transactions from their mobile phone using *ngpay*. Customers can carry out financial transactions, such as transferring funds within and outside the Bank and mobile commerce using their HDFC Bank account by downloading this application on their mobile phone.

### ***Internet Banking***

Through our *net banking* channel, customers can access account information, track transactions, order check books, request stop check payments, transfer funds between accounts and to third parties who maintain accounts with us, open fixed deposits, give instructions for the purchase and sale of units in mutual funds, pay bills, and make demand draft requests. We encourage use of our internet banking service by offering some key services for free or at a lower cost.

## **Risk Management**

Risk is inherent in our business and sound risk management is critical to our success. The major types of risk we face are credit risk, market risk, liquidity risk and operational risk. We have developed and implemented comprehensive policies and procedures to identify, assess, monitor and manage risk throughout the Bank.

### ***Credit Risk***

Credit risk is the possibility of loss due to the failure of any counterparty to abide by the terms and conditions of any financial contract with us. We identify and manage this risk through (a) our target market definitions, (b) our credit approval process, (c) our post-disbursement monitoring, and (d) our remedial management procedures.

### ***Wholesale Credit Risk***

The Wholesale Credit Risk team, within the Credit and Market Risk Department, is primarily responsible for implementing the credit risk strategy approved by the Board, developing procedures and systems for managing credit risk, carrying out an independent assessment of credit risk, approving individual credit exposures and ensuring portfolio composition and quality. In addition to the credit approval process, there is also a framework for the review and approval of credit ratings.

For our wholesale banking products, we seek to target the leaders in each of the segments that we operate in. Thus, we target leading private businesses and public sector enterprises in the country, subsidiaries of multinational corporations and leaders in the Small and Medium Enterprises (SME) segment. We also have product specific offerings for entities engaged in the capital markets and commodities businesses.

We consider credit risk of a counter-party comprehensively, and thus, our credit policies and procedures apply to not only credit exposures but also credit substitutes and contingent exposures. The Bank's Credit Policies & Procedure Manual and Credit Programs, ( *Credit Policies* ) are central in controlling credit risk in various activities and products. These articulate the credit risk strategy of the Bank and thereby the approach for credit origination, approval and maintenance. The Credit Policies generally address such areas as target markets, portfolio mix, prudential exposure ceilings, concentration limits, price and non-price terms, structure of limits, approval authorities, exception reporting system, prudential accounting and provisioning norms.

Each credit is evaluated by the business units against the credit standards prescribed in the Credit Policies of the Bank. They are then subjected to a greater degree of risk analysis based on product type and customer profile by credit risk specialists in the Credit and Market Risk Department.



## Table of Contents

The Bank has in place a process of grading each borrower according to its financial health and the performance of its business, and each borrower is assigned a rating on a scale of 1 to 10 (1 indicating the best and 10 the worst). We have specific models applicable to each significant segment of wholesale credit (e.g. large corporate, SME manufacturing, SME Services, and NBFC). Each model assesses the overall risk over four major categories – industry risk, business risk, management risk and financial risk. The inputs in each of the categories are combined to provide an aggregate numerical rating, which is a function of the aggregate weighted scores based on the assessment under each of these four risk categories.

Based on what we believe is an adequately comprehensive risk assessment, credit exposure limits are set on individual counterparties. These limits take into account the overall potential exposure on the counterparty, be it on balance sheet or off balance sheet, across the banking book and the trading book, including foreign exchange and derivatives exposures. These are reviewed in detail at annual or more frequent intervals.

We do not extend credit on the judgment of one officer alone. The credit approval process at the Bank is based on a three approval system that combines credit approval authorities and discretionary powers. The required three approvals are provided by Credit Approvers who derive their authority from their credit skills and experience. The level for approval of a credit varies depending upon the grading of the borrower, the quantum of facilities required and whether we have been dealing with the customer by providing him credit facilities in the past. Thus, initial approvals would typically require a higher level of approval for a borrower with the same grading and for sanctioning the same facility.

To ensure adequate diversification of risk, concentration limits have been set up in terms of:

a) *Borrower / business group* Exposure to a borrower/business group is subject to the general ceilings established by the RBI from time to time, or specific approval by RBI. The exposure-ceiling limit for a single borrower is 15 percent of the Bank's capital funds. This limit may be exceeded by an additional 5 percent (i.e. up to 20 percent) provided the additional credit exposure is on account of lending to infrastructure projects. The exposure-ceiling limit in the case of a borrower group is 40 percent of the Bank's capital funds. This limit may be exceeded by an additional 10 percent (i.e. up to 50 percent) provided the additional credit exposure is on account of extensions of credit for infrastructure projects. In addition to the above exposure limit, the Bank may, in exceptional circumstances, with the approval of its Board, consider increasing its exposure to a borrower up to an additional 5 percent of its capital funds. For certain blue chip clients and reputed groups or in particular for entities whose borrowings / bonds qualify as Priority Sector Lending, the Bank may approach the RBI for single/group borrower ceilings higher than the prescribed limits. Exposures (both lending and investment, including off balance sheet exposures) of the Bank to a single Non-Banking Finance Company (NBFC) / NBFC Asset Financing Company (AFC) / NBFC Infrastructure Finance Company (IFC) should not exceed 10%, 15%, and 15% respectively of the Bank's capital funds. The Bank may, however, assume exposures on a single NBFC /NBFC-AFC /NBFC-IFC, up to 15%, 20% and 20% respectively, of its capital funds, provided the exposure in excess of 10%, 15% and 15% specified earlier is on account of funds on-lent by the NBFC /NBFC-AFC / NBFC-IFC to the infrastructure sector.

b) *Industry* Exposure to any one industry cannot exceed 12 percent of aggregate exposures – for this purpose advances and investments (customer assets) are aggregated. Retail advances are exempt from such ceiling. Further, exposure to banks and state sponsored financial institutions is capped at a level of 25 percent.

c) *Risk grading* The Bank does not assume any incremental exposures on borrowers with an internal risk grading of 7 or worse, except on a highly secured basis or as part of a rehabilitation/restructuring plan. Further, the Bank has set quantitative ceilings on aggregate funded exposure (excluding retail assets) specific to each rating category.

While we primarily make our credit decisions on a cash flow basis, we also obtain security for a significant portion of credit facilities extended by the Bank as a second potential remedy. This can take the form of a floating charge on the movable assets of the borrower or a (first or residual) charge on the fixed assets and properties owned by the borrower. We may also require guarantees and letters of support from the flagship companies of the group in cases where facilities are granted based on our comfort level or relationship with the parent company.

We have a process for regular monitoring of all accounts at several levels. These include periodic calls to the customer, plant visits, credit reviews and monitoring of secondary data. These are designed to detect any early warning signals of deterioration in credit quality so that we can take timely corrective action.

The RBI restricts us from lending to companies with which we have any directors in common. Also, the RBI directs a portion of our lending to certain specified sectors ( Priority Sector Lending ). See Supervision and Regulation Regulations Relating to Making Loans Directed Lending .

---

## **Table of Contents**

### ***Retail Credit Risk***

The Bank offers a range of retail products, such as auto loans, personal loans, two-wheeler loans, loans against securities, commercial vehicle loans, construction equipment loans, loans to transport operators and credit cards. Our retail credit policy and approval process are designed for the fact that we have high volumes of relatively homogeneous, small value transactions in each retail loan category. There are product programs for each of these products, which define the target markets, credit philosophy, process, detailed underwriting criteria for evaluating individual credits, exception reporting systems and individual loan exposure caps.

For individual customers to be eligible for a loan, minimum credit parameters, so defined, are to be met for each product. Any deviations therefrom need to be approved at the designated levels. The product parameters have been selected based on the perceived risk characteristics specific to the product. The quantitative parameters considered include income, residence stability, the nature of the employment/business, while the qualitative parameters include accessibility, contactability and profile. Our credit policies/product programs are based on a statistical analysis of our own experience and industry data, in combination with the judgment of our senior officers.

The Retail Credit Risk team manages Credit Risk in retail assets and has the following constituents:

*(a) Central Risk Unit:* The Central Risk Unit drives credit risk management centrally for retail assets. It is responsible for formulating policies and evaluates proposals for launch of new products and new geographies. The Central Risk Unit also conducts periodic reviews that cover Portfolio MIS, Credit MIS and Post-Approval Reviews. The product risk teams conduct detailed studies on portfolio performance in each customer segment.

*(b) Retail Underwriting:* This unit is primarily responsible for approving individual credit exposures and ensuring portfolio composition and quality. The unit ensures implementation of all policies/procedures, as applicable.

*(c) Risk Intelligence and Control:* This unit is responsible for sampling of documents to ensure prospective borrowers with fraudulent intent are prevented from availing themselves of loans. The unit initiates market reference checks to avoid recurrence of frauds and financial loss to the Bank.

*(d) Retail Collections Unit:* This unit is responsible for remedial management of problem exposures in retail assets. The collections unit uses specific strategies for various segments and products for remedial management.

We mine our borrower account behavior and static data regularly to monitor the portfolio performance of each product segment regularly, and use these as inputs in revising our product programs, target market definitions and credit assessment criteria to meet our twin objectives of combining volume growth and maintenance of asset quality.

Our retail loans are generally secured by a charge on the asset financed (in two-wheeler, auto, commercial vehicle loans and loans against securities), in most cases we obtain direct debit instructions or post-dated checks from the customer. It is a criminal offence in India to issue a bad check.

### ***Market Risk***

Market risk refers to the potential loss on account of adverse changes in market variables or other risk factors which affect the value of financial instruments which the Bank holds. The financial instrument holdings may include investment in securities and money market instruments, including equities, bonds, foreign exchange products and derivative instruments (linear as well as non-linear products).

The market variables which affect the valuation of these instruments typically include interest rates, equity prices, commodity prices, exchange rates and volatilities. Any change in the relevant market risk variable has an adverse or favorable impact on the valuation depending on the direction of the change and the type of position held (long or short). While the positions are taken with a view to earning from the upside potential, there is always a possibility of downside risk. Thus, the Bank has to constantly review the positions to ensure that the risk on account of such positions is within the Bank's overall risk appetite. The Bank's risk appetite is set through a pre-approved treasury limit, counterparty exposure limit and Asset Liability Management (ALM) limit. The process for monitoring and review of risk exposure is outlined in the risk procedure manual and policies.



---

## **Table of Contents**

The board of directors reviews and approves the policies for the management of market risks by way of risk limits. The Risk Monitoring Committee of the board of directors approves market risk policies and procedures and reviews market risk limits of various operating levels. The board of directors has delegated the responsibility for ongoing balance sheet market risk management to the Asset Liability Committee. This committee, which is chaired by the Managing Director and includes the heads of the business groups, meets every alternate week and more often when conditions require. The Asset Liability Committee reviews the product pricing for deposits and assets as well as the maturity profile and mix of our assets and liabilities. It articulates the interest rate view and decides on future business strategy with respect to interest rates. It reviews and sets funding policy and also reviews developments in the markets and the economy and their impact on the balance sheet and business. Finally, it ensures adherence to ALM market risk limits and decides on the inter-segment transfer pricing policy. The Market Risk Department specifies the risk valuation methodology of various treasury products, formulates procedures for portfolio risk valuation, assesses market risk factors and recommends various market risk controls for various treasury desks. The treasury mid-office is responsible for reporting market risks arising from the treasury desks.

The Financial Control Department is responsible for collecting data, preparing regulatory and analytical reports and monitoring whether the interest rate and other policies and limits established by the Asset Liability Committee are being observed. Our Treasury Group also assists in implementing our asset liability strategy and in providing information to the Asset Liability Committee.

The following briefly describes our policies and procedures with respect to asset liability management, liquidity risk, price risk and other risks, such as foreign exchange and equities risks.

### *Asset Liability Management*

We fund core customer assets, consisting of loans and credit substitutes, with core customer liabilities, consisting principally of deposits. The Bank also transacts in the inter-bank market mainly for management of short-term liquidity mismatches.

We maintain a substantial portfolio of liquid, high-quality Indian government securities. The Bank on a regular basis prepares a Structural Liquidity Report in order to analyze the liquidity position of the Bank. The same is submitted to the RBI on a monthly basis.

The Bank has adopted the Gap Analysis Method to measure Interest Rate Risk. The gap or mismatch risk is measured by calculating gaps over different time intervals as on a given date. Gap Analysis measures mismatches between rate sensitive liabilities and rate sensitive assets. An asset or liability is classified as rate sensitive if:

- 1) Within the time interval under consideration, there is a cash flow
- 2) The interest rate resets or reprocesses contractually during the interval
- 3) The RBI changes the interest rates in cases where interest rates are administered
- 4) It is contractually pre-payable or withdrawable before the stated maturity

The interest rate gap is the difference between Rate Sensitive Assets (RSA) and Rate Sensitive Liabilities (RSL) for each time bucket. If the Bank has a positive gap ( $RSA > RSL$ ), then it will benefit from rising interest rates. If the Bank has a negative gap ( $RSA < RSL$ ), then it will benefit from declining interest rates. Thus the gap is used as a measure of interest rate sensitivity.

The Bank has set a Cumulative Gap Limit which is obtained by adding individual time bucket-wise gaps in the Interest Rate Sensitive Assets and Interest Rate Sensitive Liabilities.

---

## **Table of Contents**

The ALCO is responsible for ensuring adherence to the limits set by the Board of Directors for liquidity and Interest Rate Risk. The treasury department is responsible for providing market related inputs i.e. interest rate, liquidity, and exchange rate scenarios to the ALCO. The treasury department is also responsible for implementing the asset and liability strategies as decided by the ALCO.

Our asset liability committee addresses the two principal aspects of our asset liability management program as follows:

First, the Asset Liability Committee monitors the liquidity gap and, at the corporate level, recommends appropriate financing or asset deployment strategies depending on whether the gap is a net asset position or a net liability position, respectively. Operationally, in the short-term, our Treasury Group implements these recommendations through transactions in the money market.

Second, the Asset Liability Committee monitors our interest rate gap and, at the corporate level, recommends repricing of our asset or liability portfolios. Operationally, in the short-term, our Treasury Group implements these recommendations by entering into transactions in the money market and interest rate swaps market.

In the longer term, our wholesale banking and retail banking groups implement these recommendations through changes in the interest rates offered by us for different time period categories to either attract or discourage deposits and loans in those time period categories. See [Selected Statistical Information](#) for information on our asset-liability gap and the sensitivity of our assets and liabilities to changes in interest rates.

### *Liquidity Risk*

The purpose of liquidity management is to ensure sufficient cash flow to meet all financial commitments and to capitalize on opportunities for business expansion. This includes our ability to meet deposit withdrawals either on demand or at contractual maturity, to repay borrowings as they mature and to make new loans and investments as opportunities arise.

Liquidity is managed on a daily basis by the Treasury Group under the direction of the Asset Liability Committee. The Treasury Group is responsible for ensuring that we have adequate liquidity, ensuring that our funding mix is appropriate so as to avoid maturity mismatches and price and reinvestment rate risk in case of a maturity gap, and monitoring local markets for the adequacy of funding liquidity.

### *Price Risk*

Price risk is the risk arising from price fluctuations due to market factors, such as changes in interest rates and exchange rates. Our Treasury Group is responsible for implementing the price risk management process within the limits approved by the board of directors. We measure price risk through a three-stage process, the first part of which is to estimate the sensitivity of the value of a position to changes in market factors to which our business is exposed. We then estimate the volatility of market factors. Finally, we aggregate portfolio risk. We manage price risk principally by establishing limits for our money market activities, foreign exchange activities, interest rate and equities and derivatives activities. In addition, certain limits are also prescribed by the RBI.

We monitor and manage our exchange rate risk through a variety of limits on our foreign exchange activities. The RBI also limits the extent to which we can deviate from a near square position at the end of the day (where sales and purchases of each currency are matched). Our own policies set limits on maximum open positions in any currency during the course of the day as well as on overnight positions. We also have gap limits that address the matching of forward positions in various maturities and for different currencies. In addition, the RBI approves the aggregate gap limit for us. This limit is applied to all currencies. We also have stop-loss limits that require our traders to realize and restrict losses. We evaluate our risk on foreign exchange positions on a daily basis using a value-at-risk model.

We impose position limits on our trading portfolio of marketable securities. These limits, which vary by tenor, restrict the holding of marketable securities of all kinds depending on our expectations about the yield curve. We also impose trading limits such as value-at-risk and stop-loss limits.

Our derivatives risk is managed by the fact that we do not enter into or maintain unmatched positions with respect to non-rupee-based derivatives. Our proprietary derivatives trading is primarily limited to rupee-based interest rate swaps and rupee currency options. We impose trading limits, such as value-at-risk and stop-loss limits.

The day-to-day monitoring and reporting of market risk and counterparty risk limits is carried out independently by the treasury mid-office department. The treasury mid-office department is independent of the treasury department and has a reporting line to the head of credit and market risk.





## **Table of Contents**

### ***Operational Risk***

Operational risk is defined as the risk of loss resulting from inadequate or failed internal processes, people and systems or from external events. Operational risk management encompasses identification, assessment, review, control and reporting of key operational risks.

We believe we have effective operational risk management because of our, segregation of functions, strong management team with vast experience in diverse fields, well defined processes, standard operating manuals, transaction verification and authorization systems, distributed processing, staff training and an effective internal audit process.

As part of our overall Operational Risk Management, there is a clear line of reporting of every function which facilitates reporting, monitoring and control of operational risk events. Further, reporting and measurement is also achieved through various Management Information Systems attached to each operational process which are generated and monitored regularly. Losses and issues relating to operational risk are promptly reviewed and gaps, if any, are suitably addressed.

We have an information technology platform with disaster recovery capability for critical components apart from having an integrated Business Continuity Planning (BCP) initiative for business operations of the bank. A BCP committee oversees strategy and implementation of the disaster and business continuity framework of the Bank. The Bank has an Information Security Committee which oversees strategy and implementation of information security policies and procedures for the entire Bank.

We have adopted the Basic Indicator Approach for operational risk capital calculations as mandated by the RBI.

### **Competition**

We face strong competition in all of our principal lines of business. Our primary competitors are large public sector banks, other private sector banks, foreign banks and, in some product areas, non-banking financial institutions.

### ***Retail Banking***

In retail banking, our principal competitors are the large public sector banks, which have much larger deposit bases and branch networks, other new generation private sector banks, old generation private sector banks, foreign banks and non-banking finance companies in the case of retail loan products. The retail deposit share of the foreign banks is quite small by comparison to the public sector banks. However, some of the foreign banks have a significant presence among non-resident Indians and also compete for non-branch-based products.

In mutual fund sales and other investment related products, our principal competitors are brokers, foreign banks and new private sector banks.

### ***Wholesale Banking***

Our principal competitors in wholesale banking are public and new private sector banks as well as foreign banks. The large public sector banks have traditionally been the market leaders in commercial lending. Foreign banks have focused primarily on serving the needs of multinational companies and Indian corporations with cross-border financing requirements including trade and transactional services and foreign exchange products and derivatives, while the large public sector banks have extensive branch networks and large local currency funding capabilities.

### ***Treasury***

In our treasury advisory services for corporate clients, we compete principally with foreign banks in foreign exchange and derivatives, as well as public sector banks and new private sector banks in the foreign exchange and money markets business.

### **Employees**

The number of our employees remained roughly stable at 51,888 as of March 31, 2010 as compared to 52,687 as of March 31, 2009. Most of our employees are located in India.

## **Table of Contents**

We consider our relations with our employees to be good. On acquisition, a few employees of Centurion Bank of Punjab continue to be part of a labor union. These employees represent less than 1% of our total employee strength.

We use incentives in structuring compensation packages and have established a performance-based bonus scheme under which permanent employees have a variable pay component of their salary.

In addition to basic compensation, employees are eligible to participate in our provident fund and other employee benefit plans. The provident fund, to which both we and our employees contribute, is a savings scheme, required by government regulation, under which the fund is required to pay to employees a minimum annual return, which at present is 8.5%. If the return is not generated internally by the fund, we are liable for the difference. Our provident fund has generated sufficient funds internally to meet the annual return requirement since inception of the fund. We have also set up a superannuation fund to which we contribute defined amounts. In addition, we contribute specified amounts to a gratuity fund set up pursuant to Indian statutory requirements.

We focus on training our employees on a continuous basis. We have a training center in Mumbai, where we conduct regular training programs for our employees. Management and executive trainees generally undergo up to eight-week training modules covering every aspect of banking. We offer courses conducted by both internal and external faculty. In addition to ongoing on-the-job training, we provide employees courses in specific areas or specialized operations on an as-needed basis.

## **Properties**

Our registered office and corporate headquarters is located at HDFC Bank House, Senapati Bapat Marg, Lower Parel, Mumbai 400 013, India. In addition to the corporate office we have administrative offices in most of the metros and some major cities in India.

As of March 31, 2010, we had a network consisting of 1,725 branches, including 9 extension counters, and 4,232 ATMs, including 1,921 at non-branch locations. These facilities are located throughout India with the exception of one branch which is located in Bahrain.

## **Legal Proceedings**

We are involved in a number of legal proceedings in the ordinary course of our business. However, we are currently not a party to any proceedings which, if adversely determined, might have a material adverse effect on our financial condition or results of operations.

---

**Table of Contents**

**RISK FACTORS**

You should carefully consider the following risk factors in evaluating us and our business.

**Risks Relating to our Business**

*If we are unable to manage our rapid growth, in particular our growth as a result of the merger with CBoP, our operations may suffer and our performance may decline.*

Our asset growth rate has been significantly higher than India's gross domestic product ( GDP ) growth rate as well as the growth rate of the Indian banking industry over the last three fiscal years. For example, our total advances in the three-year period ended March 31, 2010 grew at a compounded annual growth rate of about 34%, as against slightly over 18% for the Indian Banking Industry. This growth rate is partially attributable to our acquisition of CBoP in May 2008. See Business Overview .

Our rapid growth has placed, and if it continues will place, significant demands on our operational, credit, financial and other internal risk controls such as:

recruiting, training and retaining sufficient skilled personnel;

upgrading and expanding our technology platform;

developing and improving our products and delivery channels;

preserving our asset quality as our geographical presence increases and customer profile changes;

complying with regulatory requirements such as the Know Your Customer (KYC) norms; and

maintaining high levels of customer satisfaction.

If we fail to properly manage our rapid growth, our operations would suffer and our performance as a whole would be materially adversely affected.

*Our business is vulnerable to volatility in interest rates, which adversely affects our net income.*

Our results of operations depend to a great extent on our net interest revenue. During fiscal 2010, net interest revenue after allowances for credit losses represented 59.4% of our net revenue. Changes in market interest rates affect the interest rates charged on our interest-earning assets differently from the interest rates paid on our interest-bearing liabilities and also affect the value of our investments. An increase in interest rates could result in an increase in interest expense relative to interest revenue if we are not able to increase the rates charged on our loans, which would lead to a reduction in our net interest revenue and net interest margin. Further, an increase in interest rates could negatively affect demand for our loans and credit substitutes. A decrease in interest rates could result in a decrease in interest revenue relative to interest expense due to the repricing of our loans at a pace faster than the rates we pay on our interest-bearing liabilities. The quantum of the changes in interest rates for our assets and liabilities may also be different, especially since a portion of our deposits are at rates of interest regulated by the RBI.

Interest rates are currently rising and there is a possibility that they will rise further due to many factors beyond our control, including the monetary policies of central banks such as the RBI, deregulation of the financial sector, domestic and international economic and political conditions and other factors. Yields on the Indian government's ten-year bonds were 7.9%, 7.0% and 7.9% as of March 31, 2008, 2009 and 2010, respectively. If interest rates increase and demand for loans is negatively affected, we may not be able to achieve our volume growth, which would adversely affect our net income. Any volatility in interest rates could adversely affect our net income. See Selected Statistical

## Edgar Filing: HDFC BANK LTD - Form 20-F

Information Analysis of Changes in Interest Revenue and Interest Expense: Volume and Rate and Selected Statistical Information Yields, Spreads and Margins .

**Table of Contents**

*If the level of non-performing loans in our portfolio increases, we will be required to increase our provisions which would negatively impact our income.*

Our gross non-performing loans and impaired credit substitutes as per Indian GAAP represented 1.4% of our gross customer assets as of March 31, 2010. Our non-performing loans and impaired credit substitutes net of specific loan loss provisions represented 0.3% of our net customer assets portfolio as of March 31, 2010. Additionally, the Bank has restructured the payment terms of certain loans. As on March 31, 2010 these represented 0.3% of our gross customer assets. Our management of credit risk involves having appropriate credit policies, underwriting standards, approval processes, loan portfolio monitoring, remedial management and overall architecture for managing credit risk. In the case of our secured loan portfolio, the frequency of the valuation of collateral may vary based on the nature of the loan and the type of collateral. A decline in the value of collateral or an inappropriate collateral valuation increases the risk in the secured loan portfolio because of inadequate coverage of collateral. We had taken some collateral for approximately 73.9% of our loan book as of March 31, 2010. Our risk mitigation and risk monitoring techniques may not be accurate or appropriately implemented and we may not be able to anticipate future economic and financial events, leading to an increase in our non-performing loans. See note 10 Loans, in our consolidated financial statements.

The RBI has mandated that banks in India should augment their provisioning cushions consisting of specific provisions against NPAs as well as floating provisions, and ensure that their total provisioning coverage ratio (PCR), including floating provisions, is not less than 70 percent. Banks have been directed to comply with this requirement on or before September 30, 2010. As of March 31, 2010, we were compliant with this requirement.

Provisions are created by a charge to expense, and represent our estimate for loan losses and risks inherent in the credit portfolio. See Selected Statistical Information Non-Performing Loans . The determination of an appropriate level of loan losses and provisions required inherently involves a degree of subjectivity and requires that we make estimates of current credit risks and future trends, all of which may undergo material changes. Our provisions may not be adequate to cover any further increase in the amount of non-performing loans or any further deterioration in our non-performing loan portfolio. In addition, we are a relatively young bank and we have yet not experienced a significant and prolonged downturn in the economy.

A number of factors outside of our control affect our ability to control and reduce non-performing loans. These factors include developments in the Indian economy, domestic or global turmoil, movements in commodity markets, global competition, changes in interest rates and exchange rates and changes in regulations, including with respect to regulations requiring us to lend to certain sectors identified by the RBI, or the government of India. In addition, the expansion of our business may cause our non-performing loans to increase and the overall quality of our loan portfolio to deteriorate. If our non-performing loans increase, we will be required to increase our provisions, which would result in our net income being less than it otherwise would be and would adversely affect our financial condition.

*We have high concentrations of exposures to certain customers and sectors and if any of these exposures were to become non-performing, the quality of our portfolio could be adversely affected and our ability to meet capital requirements could be jeopardized.*

We calculate customer and industry exposure (i.e. the loss we will incur due to the downfall of a customer or an industry) in accordance with the policies established by Indian GAAP and the RBI. In the case of customer exposures, we aggregate the higher of the outstanding balances of, or limits on, funded and non-funded exposures. Funded exposures include loans and investments (excluding investments in government securities, units of mutual funds, deposit certificates issued by banks and equity shares). As of March 31, 2010, our largest single customer exposure was Rs. 42.0 billion, representing approximately 17% of our capital funds valuation, and our ten largest customer exposures totaled approximately Rs. 238.7 billion, representing approximately 97% of our capital funds valuation, in each case as per RBI guidelines based on Indian GAAP figures. None of the ten largest customer exposures were classified as non-performing as on March 31, 2010. However, if any of our ten largest customer exposures were to become non-performing, our net income would decline and, due to the magnitude of the exposures, our ability to meet capital requirements could be jeopardized. See Management's Discussion and Analysis of Financial Condition and Results of Operations for a detailed discussion on customer exposures.

We monitor concentration of exposures to individual industries as a proportion of funded exposures. As of March 31, 2010, our largest industry concentrations, in each case based on Indian GAAP figures, were as follows: banks and financial institutions (7.0%), automotive manufacturers (5.5%), and wholesale and retail trade (5.3%). In addition, as of that date approximately 42% of the concentration of our exposure was retail (except where otherwise included in the above classification). As of that date, our total non-performing loans and investments based on Indian GAAP figures were concentrated in the following industries: wholesale and retail trade (12.4%), textiles and garments (4.8%), land transport (4.7%), construction (3.1%), agriculture and allied activities (1.5%). Because approximately one-half of our loss exposure is retail, a downturn in the retail sector in India would likely have a proportionate impact on our earnings. Industry-specific difficulties in these or other sectors may increase our level of non-performing customer assets. If we experience a downturn in an industry in which we have concentrated exposure, our net income will likely decline significantly and our financial condition may be materially adversely affected.



---

**Table of Contents**

***We may be unable to foreclose on collateral in a timely fashion or at all when borrowers default on their obligations to us, or the value of collateral may decrease, any of which may result in, failure to recover the expected value of collateral security, increased losses and a decline in net income.***

Although we typically lend on a cash-flow basis, the collateral consists of liens on inventory, receivables and other current assets, and in some cases, charges on fixed assets, such as property, movable assets (such as vehicles) and financial assets (such as marketable securities). As on March 31, 2010 approximately 73.9% of our loans were secured by some collateral.

Although there has been recent legislation which strengthens the rights of creditors and leads to quicker realization of collateral in the event of a default, we may not be able to realize the full value of the collateral, due to, among other things, delays on our part in taking immediate action, delays in bankruptcy foreclosure proceedings, stock market downturns, defects in the perfection of collateral and fraudulent transfers by borrowers. In the event that a specialized regulatory agency gains jurisdiction over the borrower, creditor actions can be further delayed. In addition, the value of collateral may be less than we expect or may decline. For example, the global economic slowdown and other domestic factors led to a downturn in real estate prices in India. If we are unable to foreclose on our collateral or realize adequate value, our losses will increase and our net income will decline. The RBI has set forth guidelines on corporate debt restructuring. The guidelines envisage that for debt amounts of Rs. 1 billion and above, 60% of the creditors by number, in addition to 75% of creditors by value, can decide to restructure the debt and such a decision would be binding on the remaining creditors. In situations where we own 20% or less of the debt of a borrower, we could be forced to agree to an extended restructuring of debt, instead of foreclosure of security or a one-time settlement, which has generally been our practice. See Management's Discussion and Analysis of Financial Condition and Results of Operations Contractual Obligations and Commercial Commitments Commercial Commitments .

***Our success depends in large part upon our management team and skilled personnel and our ability to attract and retain such persons.***

We are highly dependent on our management team, including the continued efforts of our Chairman, our Managing Director, our Executive Directors and members of our senior management. Our future performance will be affected by the continued service of these persons. We also face a continuing challenge to recruit and retain a sufficient number of skilled personnel, particularly if we continue to grow. Competition for management and other skilled personnel in our industry is intense, and we may not be able to attract and retain the personnel we need in the future. The loss of key personnel may restrict our ability to grow and consequently have a material adverse impact on our results of operations and financial position.

***Our unsecured loan portfolio is not supported by any collateral that could help ensure repayment of the loan, and in the event of non-payment by a borrower of one of these loans, we may be unable to collect the unpaid balance.***

We offer unsecured personal loans and credit cards to the retail customer segment, including salaried individuals and self-employed professionals. In addition, we offer unsecured loans to small businesses. Unsecured personal loans are a greater credit risk for us than our secured loan portfolio because they may not be supported by realizable collateral that could help ensure an adequate source of repayment for the loan. Although we normally obtain direct debit instructions or post dated checks from our customers for our unsecured loan products, we may be unable to collect in part or at all in the event of non-payment by a borrower. Further, any expansion in our unsecured loan portfolio could require us to increase our provision for credit losses, which would decrease our earnings. Also see Business Retail Banking Retail Loans and Other Asset Products .

***In order to support and grow our business, we must maintain a minimum capital adequacy ratio, and a lack of access to the capital markets may prevent us from maintaining an adequate ratio.***

The RBI requires a minimum capital adequacy ratio of 9% of our total risk-weighted assets. The Bank adopted the Basel II framework as of March 31, 2009. Our capital adequacy ratio, calculated in accordance with Indian GAAP, was 17.4% as of March 31, 2010 as per Basel II and 16.5% as per Basel I. Our ability to support and grow our business would be limited by a declining capital adequacy ratio. While we anticipate accessing the capital markets to offset declines in our capital adequacy ratio, we may be unable to access the markets at the appropriate time or the terms of any such financing may be unattractive due to various reasons attributable to changes in the general environment, including political, legal and economic conditions.

**Table of Contents*****Material changes in Indian banking regulations may adversely affect our business and our future financial performance.***

We operate in a highly regulated environment in which the RBI extensively supervises and regulates all banks. Our business could be directly affected by any changes in policies for banks in respect of directed lending, reserve requirements and other areas. For example, the RBI could change its methods of enforcing directed lending standards so as to require more lending to certain sectors, which could require us to change certain aspects of our business. In addition, we could be subject to other changes in laws and regulations, such as those affecting the extent to which we can engage in specific businesses or those that reduce our income through a cap on either fees or interest rates chargeable to our customers or those affecting foreign investment in the banking industry, as well as changes in other governmental policies and enforcement decisions, income tax laws, foreign investment laws and accounting principles. Laws and regulations governing the banking sector may change in the future and any changes may adversely affect our business, our future financial performance and the price of our equity shares and ADSs. See [Business](#) We could experience a decline in our revenue generated from activities on the equity markets if there is a prolonged or significant downturn on the Indian stock exchanges, or we may face difficulties in getting regulatory approvals necessary to conduct our business if we fail to meet regulatory limits on capital market exposures.

***We compete directly with banks that are much larger than we are and which benefit from economies of scale, which makes it challenging for us to offer competitive prices to retain existing customers and solicit new business.***

We face strong competition in all areas of our business, and some of our competitors are much larger than we are. We compete directly with the large public sector banks, which generally have much larger customer, asset and deposit bases, larger branch networks and more capital than we do. These banks are becoming more competitive as they improve their customer services and technology. One of the other private sector banks in India is also larger than we are, based on such measurements. In addition, we compete directly with foreign banks, which include some of the largest multinational financial companies in the world. The economies of scale our larger competitors benefit from, make it difficult for us to offer competitive pricing on products and services to retain existing customers and attract new customers so that we can execute our growth strategy successfully. If we are unable to retain and attract new customers, our revenue and net income will decline, which could materially adversely affect our financial condition. See [Business](#) Competition .

***Our funding is primarily short- and medium- term and if depositors do not roll over deposited funds upon maturity our net income may decrease.***

Most of our funding requirements are met through short-term and medium-term funding sources, primarily in the form of retail deposits. Short-term deposits are those with a maturity not exceeding one year. Medium-term deposits are those with a maturity of greater than one year but not exceeding three years. See [Selected Statistical Information](#) Funding . However, a portion of our assets have long-term maturities, which sometimes causes funding mismatches. As of March 31, 2010, about 42% of our loans were short-term and about 43% of our loans were medium-term. As of March 31, 2010, about 29% of our deposits were short-term and about 50% of our deposits were medium-term. In our experience, a substantial portion of our customer deposits has been rolled over upon maturity and has been, over time, a stable source of funding. However, if a substantial number of our depositors do not roll over deposited funds upon maturity, our liquidity position will be adversely affected and we may be required to seek more expensive sources of funding to finance our operations, which would result in a decline in our net income and have a material adverse effect on our financial condition.

***Any increase in interest rates would have an adverse effect on the value of our fixed income securities portfolio and could have a material adverse effect on our net income.***

Any increase in interest rates would have an adverse effect on the value of fixed income securities portfolio and could have a material adverse effect on our net revenue. As per extant RBI guidelines, we are required to invest 25% of our liabilities (computed as per guidelines issued by the RBI) in Government issued bonds. Our investments in Government issued securities constituted approximately 87% of our total investments as of March 31, 2010 as per Indian GAAP. Any decrease in our income from these investments could have a material adverse effect on our net income and financial condition.



---

**Table of Contents**

***The development of a well entrenched nationwide inter-bank settlement system would adversely impact our cash float and decrease fees we receive in connection with check collection.***

Currently, there is no well entrenched nationwide payment system in India, and checks must generally be returned to the city from which they were written in order to be cleared. Because of mail delivery delays and the variation in city-based inter-bank clearing practices, check collections can be slow and unpredictable. Through our electronically linked branch network, correspondent bank arrangements and centralized processing, we effectively provide a nationwide collection and disbursement system for our corporate clients. We enjoy cash float and earn fees from these services. In 2005, the RBI introduced the RTGS inter-bank settlement system which facilitates real time settlements primarily between banks. Although we believe our services offer advantages not offered by payment systems currently available, the development of a robust payments system would have an adverse impact on the cash float and fees we have enjoyed from our cash management services, which could materially adversely affect our financial condition.

***We could experience a decline in our revenue generated from activities on the equity markets if there is a prolonged or significant downturn on the Indian stock exchanges, or we may face difficulties in getting regulatory approvals necessary to conduct our business if we fail to meet regulatory limits on capital market exposures.***

The Bank provides a variety of services and products to participants involved with the Indian stock exchanges. These include working capital funding and margin guarantees to share brokers, personal loans secured by shares and initial public offering finance for retail customers, stock exchange clearing services, collecting bankers to various public offerings and depository accounts. If there is a prolonged or significant downturn on the Indian stock exchanges, our revenue generated by offering these products and services may decrease, which would have a material adverse effect on our financial condition.

The Bank is required to maintain its capital market exposures within the limits as prescribed by the RBI. The Bank's capital market exposures are comprised primarily of investments in equity shares, loans to share brokers and financial guarantees issued to stock exchanges on behalf of share brokers.

As per RBI norms, a bank's capital market exposure is limited to 40.0% of its net worth under Indian GAAP, both on a consolidated and non-consolidated basis. The Bank's capital market exposure as of March 31, 2010 was 31.4% of its net worth on a non-consolidated basis and 32.0% on a consolidated basis. See Supervision and Regulation Regulations Relating to Capital Market Exposure Limits. In the future if we fail to meet these regulatory limits, we may face difficulties in getting other regulatory approvals necessary to conduct business in the normal course, which would have a material adverse effect on our business and operations.

***Significant fraud, system failure or calamities would disrupt our revenue generating activities in the short-term and could harm our reputation and adversely impact our revenue-generating capabilities.***

Our business is highly dependent on our ability to efficiently and reliably process a high volume of transactions across numerous locations and delivery channels. We place heavy reliance on our technology infrastructure for processing this data and therefore ensuring system security and availability is of paramount importance. Our systemic and operational controls may not be adequate to prevent adverse impact from frauds, errors, hacking and system failures. A significant system breakdown or system failure caused due to intentional or unintentional acts would have an adverse impact on our revenue-generating activities and lead to financial loss. We have established a geographically remote disaster recovery site to support critical applications, and we believe that we will be able to restore data and resume processing. However it may take considerable time to make the system fully operational and achieve complete business resumption using the alternate site. Therefore, in such a scenario, where the primary site is completely unavailable, there may be significant disruption to the Bank's operations, which would materially adversely affect our reputation and financial condition.

**Table of Contents**

***HDFC Limited controls a significant percentage of our share capital and exercises substantial influence over board decisions, which could result in HDFC Limited making decisions or foregoing opportunities to benefit HDFC Limited that restrict our growth and harm our financial condition.***

HDFC Limited and its subsidiaries owned 23.7% of our equity as of March 31, 2010. So long as HDFC Limited and its subsidiaries hold at least a 20.0% equity stake in us, HDFC Limited is entitled to nominate two directors including our Chairman and Managing Director who are not required to retire by rotation to our board, subject to RBI approval. Our current Chairman and Managing Director were nominated by HDFC Limited and appointed with the approval of the shareholders and the RBI. Two of our other directors as on March 31, 2010 also have relationships with HDFC Limited. Mr. Keki Mistry is Vice Chairman and Chief Executive Officer of HDFC Limited and Mrs. Renu Karnad is the Managing Director of HDFC Limited. Accordingly, HDFC Limited can exercise substantial influence over our board and over matters subject to a shareholder vote. Mr. D. M. Sukthankar is the father of our Executive Director Mr. Paresh Sukthankar and serves as an independent director on the Board of HDFC Limited. Mr. D. M. Sukthankar has been on the Board of HDFC Limited since 1989. Mr. Paresh Sukthankar was one of our early employees and also a part of the senior management team. He was appointed as our Executive Director in October 2007. Both are associated with the respective companies in their independent professional capacities and we believe that none is in a position to exercise influence over the other.

There have been reports in the Indian media suggesting that we may merge with HDFC Limited. We consider business combination opportunities as they arise. At present, we are not actively considering a business combination with HDFC Limited. Any significant business combination would involve compliance with regulatory requirements and shareholder and regulatory approvals. Were such a combination to occur, we cannot predict the impact it would have on our business, growth prospects or the prices of our equity shares and ADSs.

***We may face conflicts of interest relating to our principal shareholder, HDFC Limited, which could cause us to forgo business opportunities and consequently have an adverse effect on our financial performance.***

HDFC Limited is primarily engaged in financial services, including home loans, property-related lending and deposit products. The subsidiaries and associated companies of HDFC Limited are also largely engaged in a range of financial services, including asset management, life and other insurance and mutual funds. Although we have no agreements with HDFC Limited or any other HDFC group companies that restrict us from offering products and services that are offered by them, our relationship with these companies may cause us not to offer products and services that are already offered by other HDFC group companies and may effectively prevent us from taking advantage of business opportunities. See Related Party Transactions in the 20-Fs for fiscal 2008, 2009 and 2010 for a summary of transactions we have engaged in and strategic investments made with HDFC Limited during fiscal 2008, 2009 and 2010 respectively. Also see Note 26 to our consolidated financial statements. We currently offer products of HDFC Limited and its group companies. If we forgo opportunities because of our relationship with HDFC Limited, it could have a material adverse effect on our financial performance.

***RBI guidelines relating to ownership in private banks could discourage or prevent a change of control or other business combination involving us, such as with HDFC Limited, which could restrict the growth of our business and operations.***

RBI guidelines prescribe a policy framework for the ownership and governance of private sector banks. The guidelines state that no single entity or group of entities will be permitted to own or control, directly or indirectly, more than 10% of the paid-up capital of a private sector bank without RBI approval. The implementation of such a restriction could discourage or prevent a change in control, merger, consolidation, takeover or other business combination involving us, which might be beneficial to our shareholders. The RBI's acknowledgement is required for the acquisition or transfer of a bank's shares, which will increase the aggregate holding (both direct and indirect, beneficial or otherwise) of an individual or a group to the equivalent of 5% or more of its total paid-up capital. The RBI, while granting acknowledgement, may take into account all matters that it considers relevant to the application, including ensuring that shareholders whose aggregate holdings are above specified thresholds meet fitness and propriety tests. The RBI has accorded its approval for HDFC Limited to hold more than 10% of our stock not exceeding 23.27%. HDFC Limited's substantial stake in us could discourage or prevent another entity from exploring the possibility of a combination with us. These obstacles to potentially synergistic business combinations could have a material adverse effect on our ability to compete effectively with other large banks and consequently our ability to maintain and improve our financial condition.

***We may face increased competition as a result of revised guidelines that relax restrictions on the presence of foreign banks in India and a proposal by the RBI to grant fresh banking licenses for the establishment of new banks in the private sector which could cause us to lose existing business or be unable to compete effectively for new business.***

The Government of India regulates foreign ownership in private sector banks. The total foreign ownership in a private sector bank cannot exceed 74% of its paid-up capital. The RBI on February 28, 2005 released a Roadmap for Presence of Foreign Banks in India and Guidelines on ownership and Governance in Private Sector Banks (the Roadmap).



---

**Table of Contents**

The Roadmap envisages two phases. During the first phase, between March 2005 and March 2009, foreign banks were permitted to establish their presence in India by way of setting up a wholly-owned banking subsidiary ( WOS ) or converting their existing branches into a WOS. The WOS must have minimum capital of Rs. 3 billion and ensure sound corporate governance.

Initially, equity participation by banks would be permitted only in the private sector banks that are identified by the RBI for restructuring. On an application made by a foreign bank for acquisition of 5% or more in any private bank, the RBI would consider the standing and reputation of the foreign bank and shall permit such acquisition only if it is satisfied that the investment by such foreign bank is in the long-term interest of all the stakeholders of the investee bank.

It was proposed that phase 2, beginning April 2009, would allow foreign banks to acquire up to 74% of equity capital in private sector banks in India. However, in light of the global financial turmoil and concerns regarding financial strength of banks around the world, the RBI decided to put on hold the second phase of the Roadmap and leave unchanged its policy on the presence of foreign banks in the country. While announcing its annual policy for fiscal 2010 the RBI said that it would continue with the current policy and procedures governing the presence of foreign banks in India. A review will happen once there is greater clarity regarding stability, recovery of the global financial system, and a shared understanding on the regulatory and supervisory architecture around the world. Any growth in the presence of foreign banks or in foreign investments in Indian banks may increase the competition that we face and as a result have a material adverse effect on our business. See Restrictions on Foreign Ownership of Indian Securities.

On August 11, 2010, the RBI released a discussion paper on the entry of new banks in the private sector. In this discussion paper the RBI proposes to grant banking licenses to new entrants in the private sector. If the number of banks in the country increase, we will face increased competition in the businesses we operate in. This would have a material adverse effect on our business.

***Delays in obtaining prior RBI approval for opening new branches to increase our infrastructure and expand our reach into different geographical segments will restrict our expansion plans and have a negative impact on our future financial performance by preventing us from realizing anticipated revenue from the new branches.***

The RBI introduced a liberalized branch licensing policy in September 2005. We have applied for branches under the policy in the past and obtained approvals for opening branches under the policy. See Supervision and Regulation Regulation Relating to the Opening of Branches . However, there can be no assurance that we will receive licenses promptly or at all, any prolonged delay in the receipt of such licenses will adversely affect our financial performance by preventing us from realizing anticipated revenue from the new branches.

***If the goodwill recorded in connection with our recent acquisitions becomes impaired, we may be required to record impairment charges, which would decrease our net income and total assets.***

In accordance with US GAAP, we have accounted for our acquisitions using the purchase method of accounting. We recorded the excess of the purchase price over the fair value of the assets and liabilities of the acquired companies as goodwill. US GAAP requires us to test goodwill for impairment at least annually, or more frequently if events or changes in circumstances indicate that goodwill may be impaired. Goodwill is tested by initially estimating fair value of the reporting unit and then comparing it against the carrying amount including goodwill. If the carrying amount of a reporting unit exceeds its estimated fair value, we are required to record an impairment loss. The amount of impairment and the remaining amount of goodwill, if any, is determined by comparing the fair value of the reporting unit as of the test date against the fair value of the assets and liabilities of that reporting unit as of the same date. See Note 2 Business Combination to our consolidated financial statements.

## **Table of Contents**

***Many of the Bank's branches have been recently added to the Bank's branch network and are not operating with the same efficiency as compared to the rest of the Bank's existing branches, which adversely affects our profitability.***

As at March 31, 2008, we had 761 branches. As a result of our acquisition of Centurion Bank of Punjab effective May 23, 2008, our network expanded by over 400 branches while we continued to grow organically by commissioning new branches. As at March 31, 2010, we had 1,725 branches, a more than doubling of our branch network over the last two fiscal years. The newly added branches are currently operating at a lower efficiency level as compared with our established branches. While we believe that the newly added branches will achieve the productivity benchmark set for our entire network over time, the success in achieving our benchmark level of efficiency and productivity will depend on various internal and external factors, some of which are not under our control. The sub-optimal performance of the newly added branches, if continued over an extended period of time, would have a material adverse effect on our profitability.

### **Risks Relating to Investments in Indian Companies**

***A slowdown in economic growth in India would cause us to experience slower growth in our asset portfolio and deterioration in the quality of our assets.***

Our performance and the quality and growth of our assets are necessarily dependent on the health of the overall Indian economy. The global slowdown of the financial markets had contributed to a slowdown in the Indian financial and economic environment, with attendant higher unemployment rates and decreases in purchasing power. While we have started witnessing an overall improvement in the general financial and economic conditions, a reversal which would result in a continued slowdown in the Indian economy would adversely affect our business, including our ability to grow our asset portfolio, the quality of our assets and our ability to implement our strategy. In particular, because India depends significantly on imported oil for its energy needs, the Indian economy would be adversely affected by volatile oil prices and consequent inflation and would also be adversely affected by a general rise in interest rates, weather conditions adversely affecting agriculture or other factors. In addition, the Indian economy is in a state of transition. The share of the services sector of the economy is rising, while that of the industrial, manufacturing and agricultural sectors is declining. Finally, India faces major challenges in sustaining its growth, which include the need for substantial infrastructure development and improving access to healthcare and education. If the Indian economy deteriorates, our asset base may erode, which would result in a material decrease in our net income and total assets.

***Political instability or changes in the government in India could delay the liberalization of the Indian economy and adversely affect economic conditions in India generally, which would impact our financial results and prospects.***

Since 1991, successive Indian governments have pursued policies of economic liberalization, including significantly relaxing restrictions on the private sector. Nevertheless, the roles of the Indian central and state governments in the Indian economy as producers, consumers and regulators have remained significant. The leadership of India has changed many times since 1996. The current coalition-led central government, which came to power in May 2009, has announced policies and taken initiatives that support the economic liberalization policies that have been pursued by previous central governments. However, we cannot assure you that these liberalization policies will continue in the future. The rate of economic liberalization is subject to change, and specific laws and policies affecting banking and finance companies, foreign investment, currency exchange and other matters affecting investment in our securities are continuously evolving as well. Any significant change in India's economic liberalization and deregulation policies would adversely affect business and economic conditions in India generally and our business in particular.

***Terrorist attacks, civil unrest and other acts of violence or war involving India and other countries would negatively affect the Indian market where our shares trade and lead to a loss of confidence and impair travel, which could reduce our customers' appetite for our products and services.***

Terrorist attacks, such as those in Mumbai in November 2008, and other acts of violence or war may negatively affect the Indian markets on which our equity shares trade and also adversely affect the worldwide financial markets. These acts may also result in a loss of business confidence, make travel and other services more difficult and as a result ultimately adversely affect our business. In addition, any deterioration in relations between India and Pakistan might result in investor concern about stability in the region, which could adversely affect the price of our equity shares and ADSs.

India has also witnessed civil disturbances in recent years and future civil unrest as well as other adverse social, economic and political events in India could have an adverse impact on us. Such incidents also create a greater perception that investment in Indian companies involves a higher degree of risk, which could have an adverse impact on our business and the price of our equity shares and ADSs.



---

**Table of Contents**
**Risks Relating to the ADSs and Equity Shares**

*Historically, our ADSs have traded at a premium to the trading prices of our underlying equity shares, a situation which may not continue.*

Historically, our ADSs have traded on the New York Stock Exchange (the NYSE) at a premium to the trading prices of our underlying equity shares on the Indian stock exchanges, although this premium has declined in recent years. See [Price Range of Our American Depositary Shares and Equity Shares](#) for the underlying data. We believe that this price premium has resulted from the relatively small portion of our market capitalization previously represented by ADSs, restrictions imposed by Indian law on the conversion of equity shares into ADSs, and an apparent preference for investors to trade dollar-denominated securities. Over time, some of the restrictions on issuance of ADSs imposed by Indian law have been relaxed and we expect that other restrictions may be relaxed in the future. It is possible that in the future our ADSs will not trade at any premium to our equity shares and could even trade at a discount to our equity shares.

*Investors in ADSs will not be able to vote.*

Investors in ADSs will have no voting rights, unlike holders of the equity shares. Under the deposit agreement, the depositary will abstain from voting the equity shares represented by the ADSs. If you wish, you may withdraw the equity shares underlying the ADSs and seek to vote (subject to Indian restrictions on foreign ownership) the equity shares you obtain upon withdrawal. However, this withdrawal process may be subject to delays and you may not be able to redeposit the equity shares. For a discussion of the legal restrictions triggered by a withdrawal of the equity shares from the depositary facility upon surrender of ADSs, see [Restrictions on Foreign Ownership of Indian Securities](#) and [Description of American Depositary Shares Voting Rights](#).

*Your ability to withdraw equity shares from the depositary facility is uncertain and may be subject to delays.*

India's restrictions on foreign ownership of Indian companies limit the number of equity shares that may be owned by foreign investors and generally require government approval for foreign investments. Investors who withdraw equity shares from the ADS depositary facility for the purpose of selling such equity shares will be subject to Indian regulatory restrictions on foreign ownership upon withdrawal. The withdrawal process may be subject to delays. For a discussion of the legal restrictions triggered by a withdrawal of equity shares from the depositary facility upon surrender of ADSs, see [Restrictions on Foreign Ownership of Indian Securities](#).

*There is a limited market for the ADSs.*

Although our ADSs are listed and traded on the NYSE, any trading market for our ADSs may not be sustained, and there is no assurance that the present price of our ADSs will correspond to the future price at which our ADSs will trade in the public market. Indian legal restrictions may also limit the supply of ADSs. The only way to add to the supply of ADSs would be through an additional issuance. We cannot guarantee that a market for the ADSs will continue.

*Conditions in the Indian securities market may affect the price or liquidity of our equity shares and ADSs.*

The Indian securities markets are smaller and more volatile than securities markets in more developed economies. The Indian stock exchanges have in the past experienced substantial fluctuations in the prices of listed securities. The governing bodies of the Indian stock exchanges have from time to time imposed restrictions on trading in certain securities, limitations on price movements and margin requirements. Future fluctuations could have a material adverse effect on the price of our equity shares and ADSs.

*Settlement of trades of equity shares on Indian stock exchanges may be subject to delays.*

The equity shares represented by our ADSs are listed on the National Stock Exchange and Bombay Stock Exchange Limited. Settlement on these stock exchanges may be subject to delays and an investor in equity shares withdrawn from the depositary facility upon surrender of ADSs may not be able to settle trades on these stock exchanges in a timely manner.

---

**Table of Contents**

***You may be unable to exercise preemptive rights available to other shareholders.***

A company incorporated in India must offer its holders of equity shares preemptive rights to subscribe and pay for a proportionate number of shares to maintain their existing ownership percentages prior to the issuance of any new equity shares, unless these rights have been waived by at least 75% of the Bank's shareholders present and voting at a shareholders' general meeting. U.S. investors in our ADSs may be unable to exercise preemptive rights for our equity shares underlying our ADSs unless a registration statement under the Securities Act of 1933 (the Securities Act) is effective with respect to those rights or an exemption from the registration requirements of the Securities Act is available. Our decision to file a registration statement will depend on the costs and potential liabilities associated with any registration statement as well as the perceived benefits of enabling U.S. investors in our ADSs to exercise their preemptive rights and any other factors we consider appropriate at the time. We do not commit to filing a registration statement under those circumstances. If we issue any securities in the future, these securities may be issued to the depository, which may sell these securities in the securities markets in India for the benefit of the investors in our ADSs. There can be no assurance as to the value, if any, the depository would receive upon the sale of these securities. To the extent that investors in our ADSs are unable to exercise preemptive rights, their proportional interests in us would be reduced.

***Because the equity shares underlying our ADSs are quoted in rupees in India, you may be subject to potential losses arising out of exchange rate risk on the Indian rupee and risks associated with the conversion of rupee proceeds into foreign currency.***

Fluctuations in the exchange rate between the U.S. dollar and the Indian rupee may affect the value of your investment in our ADSs. Specifically, if the relative value of the Indian rupee to the U.S. dollar declines, each of the following values will also decline:

the U.S. dollar equivalent of the Indian rupee trading price of our equity shares in India and, indirectly, the U.S. dollar trading price of our ADSs in the United States;

the U.S. dollar equivalent of the proceeds that you would receive upon the sale in India of any equity shares that you withdraw from the depository; and

the U.S. dollar equivalent of cash dividends, if any, paid in Indian rupees on the equity shares represented by our ADSs.

***You may not be able to enforce a judgment of a foreign court against us.***

We are a limited liability company incorporated under the laws of India. All of our directors and members of our senior management and some of the experts named in this report are residents of India and almost all of our assets and the assets of these persons are located in India. It may not be possible for investors in our ADSs to effect service of process outside India upon us or our directors and members of our senior management and experts named in the report that are residents of India or to enforce judgments obtained against us or these persons in foreign courts predicated upon the liability provisions of foreign countries, including the civil liability provisions of the federal securities laws of the United States. Moreover, it is unlikely that a court in India would award damages on the same basis as a foreign court if an action were brought in India or that an Indian court would enforce foreign judgments if it viewed the amount of damages as excessive or inconsistent with Indian practice.

***There may be less company information available on Indian securities markets than securities markets in developed countries.***

There is a difference between the level of regulation and monitoring of the Indian securities markets and the activities of investors, brokers and other participants and that of markets in the United States and other developed economies. SEBI and the stock exchanges are responsible for improving disclosure and other regulatory standards for the Indian securities markets. SEBI has issued regulations and guidelines on disclosure requirements, insider trading and other matters. There may, however, be less publicly available information about Indian companies than is regularly made available by public companies in developed economies.



**Table of Contents****PRICE RANGE OF OUR AMERICAN DEPOSITARY SHARES AND EQUITY SHARES**

Our ADSs, each representing three equity shares, par value Rs. 10 per share, are listed on the NYSE under the symbol HDB. Our equity shares, including those underlying the ADSs, are listed on the National Stock Exchange under the symbol HDFCBANK and the Bombay Stock Exchange Limited under the code 500180. Our fiscal quarters end on June 30 of each year for the first quarter, September 30 for the second quarter, December 31 for the third quarter and March 31 for the fourth quarter.

**Trading Prices of Our ADSs on the NYSE**

The following table shows:

the reported high and low prices for our ADSs in U.S. dollars on the NYSE; and

the average daily trading volume for our ADSs on the NYSE.

Fiscal	Price per ADS		Average daily ADS trading volume (Number of ADSs)
	High	Low	
<b>2006</b>	U.S.\$ 59.7	U.S.\$ 40.0	166,883
<b>2007</b>	80.0	43.0	230,175
<b>2008</b>	145.4	63.5	458,907
<b>2009</b>			
First Quarter	119.5	69.3	549,005
Second Quarter	97.0	61.2	855,756
Third Quarter	96.0	44.9	748,908
Fourth Quarter	77.5	45.5	609,457
<b>2010</b>			
First Quarter	110.2	59.4	557,116
Second Quarter	119.7	89.0	350,606
Third Quarter	140.3	108.8	326,764
Fourth Quarter	140.9	109.9	296,674
<b>Most Recent Six Months</b>			
March 2010	140.9	122.0	283,678
April 2010	156.4	140.0	257,762
May 2010	152.2	126.7	342,070
June 2010	156.0	133.2	264,432
July 2010	164.9	140.0	287,524
August 2010	172.1	156.0	251,345
September 2010 to date	185.9	162.6	260,212

The closing price for our ADSs on the NYSE was US\$ 184.1 per ADS on September 24, 2010.

**Trading Prices of Our Equity Shares on the National Stock Exchange**

The following table shows:

the reported high and low market prices for our equity shares in rupees on the National Stock Exchange;

## Edgar Filing: HDFC BANK LTD - Form 20-F

the imputed high and low closing sales prices for our equity shares translated into U.S. dollars; and

the average daily trading volume for our equity shares on the National Stock Exchange.

**Table of Contents**

Fiscal Year	Price per equity share		Price per equity share		Average daily equity share trading volume
	High	Low	High	Low	
<b>2006</b>	Rs. 812.0	Rs. 448.0	U.S.\$ 18.1	U.S.\$ 10.0	423,339
<b>2007</b>	1,160.0	615.2	25.8	13.7	521,217
<b>2008</b>	1,789.0	901.4	39.8	20.1	607,542
<b>2009</b>					
First Quarter	1,547.8	1,007.4	34.4	22.4	756,159
Second Quarter	1,339.7	903.6	29.8	20.1	1,643,711
Third Quarter	1,295.3	821.2	28.8	18.3	2,023,652
Fourth Quarter	1,100.4	798.7	24.5	17.8	1,784,389
<b>2010</b>					
First Quarter	1,558.9	1,000.0	34.7	22.2	1,602,846
Second Quarter	1,650.5	1,362.6	36.7	30.3	1,021,353
Third Quarter	1,833.3	1,600.5	40.8	35.6	690,164
Fourth Quarter	1,965.1	1,567.4	43.7	34.9	975,436
<b>Most Recent Six Months</b>					
March 2010	1,965.1	1,745.0	43.7	38.8	1,024,254
April 2010	2,000.5	1,902.8	44.5	42.3	623,941
May 2010	1,974.9	1,803.8	43.9	40.1	636,259
June 2010	2,001.6	1,853.1	44.5	41.2	705,345
July 2010	2,126.9	1,907.4	47.3	42.4	696,367
August 2010	2,231.3	2,073.2	49.6	46.1	684,432
September 2010 to date	2,495.3	2,149.3	55.5	47.8	930,173

The closing price for our equity shares on the National Stock Exchange was Rs. 2,495.3 (US\$ 55.5) per share on September 24, 2010.

As of March 31, 2010, there were 441,347 holders of record of our equity shares, including the shares underlying ADSs and GDRs, of which 103 had registered addresses in the United States and held an aggregate of 122,635 of our equity shares representing 0.03% of our shareholders. In our books only, the Depository, J.P. Morgan Chase Bank and Deutsche Bank Trust Company Americas, are the shareholders with respect to equity shares underlying ADSs and GDRs. We are unable to estimate the number of record holders of ADSs and GDRs in the United States and elsewhere.

**Table of Contents**

**DESCRIPTION OF EQUITY SHARES**

**The Company**

We are registered under Corporate Identity Number (CIN) L65920MH1994PLC080618 with the Registrar of Companies, Maharashtra State, India. Our Articles permit us to engage in a wide variety of activities, including all of the activities in which we currently engage or intend to engage, as well as other activities in which we currently have no intention of engaging.

**Dividends**

Under Indian law, a company pays dividends upon a recommendation by its board of directors and approval by a majority of its shareholders at the annual general meeting of shareholders held within six months of the end of each fiscal year. The shareholders have the right to decrease but not increase the dividend amount recommended by the board of directors. Dividends are generally declared as a percentage of par value and distributed and paid to shareholders in proportion to the paid up value of their equity shares. The Companies Act provides that shares of a company of the same class must receive equal dividend treatment.

These distributions and payments are required to be deposited into a separate bank account and paid to shareholders within 30 days of the annual general meeting where the resolution for declaration of dividends is approved.

The Companies Act states that any dividends that remain unpaid or unclaimed after that period are to be transferred to a special bank account. Any money that remains unclaimed for seven years from the date of the transfer is to be transferred by us to a fund created by the Government of India. No claims for the payment of dividends unpaid or unclaimed for a period of seven years shall lie against the fund of the Government of India or against us.

Our Articles authorize our board of directors to declare interim dividends, the amount of which must be deposited in a separate bank account within five days and paid to the shareholders within 30 days of the declaration.

Under the Companies Act, final dividends payable can be paid only in cash to the registered shareholder at a record date fixed prior to the relevant annual general meeting, to his order or to the order of his banker.

Before paying any dividend on our shares, we are required under the Indian Banking Regulation Act to write off all capitalized expenses (including preliminary expenses, organization expenses, share-selling commission, brokerage, amounts of losses incurred or any other item of expenditure not represented by tangible assets). We are permitted to declare dividends of up to 33.33% of net profit calculated under Indian GAAP without prior RBI approval subject to compliance with certain prescribed requirements. Further, upon compliance with the prescribed requirements, we are also permitted to declare interim dividends subject to the above mentioned cap computed for the relevant accounting period.

Dividends may only be paid out of our profits for the relevant year and in certain contingencies out of the reserves of the company. Before declaring dividends, we are required, under the Indian Banking Regulation Act, to transfer 25% of the balance of profits of each year to a reserve fund.

**Bonus Shares**

In addition to permitting dividends to be paid out of current or retained earnings calculated under Indian GAAP, the Companies Act permits our board of directors, subject to the approval of our shareholders, to distribute to the shareholders, in the form of fully paid-up bonus equity shares, an amount transferred from the capital surplus reserve or legal reserve to stated capital. Bonus equity shares can be distributed only with the prior approval of the RBI. These bonus equity shares must be distributed to shareholders in proportion to the number of equity shares owned by them.

**Preemptive Rights and Issue of Additional Shares**

The Companies Act gives shareholders the right to subscribe for new shares in proportion to their existing shareholdings unless otherwise determined by a resolution passed by three-fourths of the shareholders present and voting at a general meeting. Under the Companies Act and our Articles, in the event of an issuance of securities, subject to the limitations set forth above, we must first offer the new shares to the holders of equity shares on a fixed record date. The offer, required to be made by notice, must include:

the right, exercisable by the shareholders of record, to renounce the shares offered in favor of any other person;

the number of shares offered; and

---

## **Table of Contents**

the period of the offer, which may not be less than 15 days from the date of the offer. If the offer is not accepted, it is deemed to have been declined.

Our board of directors is permitted to distribute equity shares not accepted by existing shareholders in the manner it deems beneficial for us in accordance with our Articles. Holders of ADSs may not be able to participate in any such offer. See Description of American Depositary Shares Share Dividends and Other Distributions.

### **General Meetings of Shareholders**

There are two types of general meetings of shareholders: annual general meetings and extraordinary general meetings. We are required to convene our annual general meeting within six months after the end of each fiscal year. We may convene an extraordinary general meeting when necessary or at the request of a shareholder or shareholders holding on the date of the request at least 10% of our paid up capital. A general meeting is generally convened by our company secretary in accordance with a resolution of the board of directors. Written notice stating the agenda of the meeting must be given at least 21 days prior to the date set for the general meeting to the shareholders whose names are in the register at the record date. Those shareholders who are not registered at the record date do not receive notice of this meeting and are not entitled to attend or vote at this meeting.

The annual general meeting is held in Mumbai, the city in which our registered office is located. General meetings other than the annual general meeting may be held at any location if so determined by a resolution of our board of directors.

### **Voting Rights**

A shareholder has one vote for each equity share and voting may be by a show of hands or on a poll. However, under the Indian Banking Regulation Act, on poll, a shareholder cannot exercise voting rights in excess of 10% of the total voting rights of all shareholders. Unless a poll is demanded by a shareholder, resolutions are adopted at a general meeting by a majority of the shareholders having voting rights present or represented. The quorum for a general meeting is five members personally present. Generally, resolutions may be passed by simple majority of the shareholders present and voting at any general meeting. However, resolutions such as an amendment to the organizational documents, commencement of a new line of business, an issue of additional equity shares without preemptive rights and reductions of share capital, require that the votes cast in favor of the resolution (whether by show of hands or on a poll) are not less than three times the number of votes, if any, cast against the resolution. As provided in our Articles, a shareholder may exercise his voting rights by proxy to be given in the form prescribed by us. This proxy, however, is required to be lodged with us at least 48 hours before the time of the relevant meeting. A shareholder may, by a single power of attorney, grant general power of representation covering several general meetings. A corporate shareholder is also entitled to nominate a representative to attend and vote on its behalf at all general meetings.

The Companies Act has recently been amended to provide for the passing of resolutions in relation to certain matters specified by the government of India, by means of a postal ballot.

ADS holders have no voting rights with respect to the deposited shares. See Description of American Depositary Shares Voting Rights.

### **Annual Report**

At least 21 days before an annual general meeting, we must circulate either a detailed or abridged version of our Indian GAAP audited financial accounts, together with the Directors Report and the Auditor's Report, to the shareholders along with a notice convening the annual general meeting. We are also required under the Companies Act to make available upon the request of any shareholder our complete balance sheet and profit and loss account.

Under the Companies Act, we must file with the Registrar of Companies our Indian GAAP balance sheet and profit and loss account within 30 days of the conclusion of the annual general meeting and our annual return within 60 days of the conclusion of that meeting.

### **Register of Shareholders, Record Dates and Transfer of Shares**

The equity shares are in registered form. We maintain a register of our shareholders in Mumbai. We register transfers of equity shares on the register of shareholders upon presentation of certificates in respect of the transfer of equity shares held in physical form together with a transfer deed duly executed by the transferor and transferee. These transfer deeds are subject to stamp duty, which has been fixed at 0.25% of the transfer price.



---

## **Table of Contents**

For the purpose of determining equity shares entitled to annual dividends, the register of shareholders is closed for a period prior to the annual general meeting. The Companies Act and our listing agreements with the stock exchanges permit us, pursuant to a resolution of our board of directors and upon at least 7 days advance notice to the stock exchanges, to set the record date and close the register of shareholders after seven days public notice for not more than 30 days at a time, and for not more than 45 days in a year, in order for us to determine which shareholders are entitled to certain rights pertaining to the equity shares. Trading of equity shares and delivery of certificates in respect of the equity shares may, however, continue after the register of shareholders is closed.

### **Transfer of Shares**

Shares held through depositories are transferred in the form of book entries or in electronic form in accordance with the regulations laid down by Securities Exchange Board of India ( SEBI ). These regulations provide the regime for the functioning of the depositories and the participants and set out the manner in which the records are to be kept and maintained and the safeguards to be followed in this system. Transfers of beneficial ownership of shares held through a depository are exempt from stamp duty.

SEBI requires that our equity shares for trading and settlement purposes be in book-entry form for all investors, except for transactions that are not made on a stock exchange and transactions that are not required to be reported to the stock exchange. Transfers of equity shares in book-entry form require both the seller and the purchaser of the equity shares to establish accounts with depository participants appointed by depositories established under the Depositories Act, 1996. Charges for opening an account with a depository participant, transaction charges for each trade and custodian charges for securities held in each account vary depending upon the practice of each depository participant. Upon delivery, the equity shares shall be registered in the name of the relevant depository on our books and this depository shall enter the name of the investor in its records as the beneficial owner. The transfer of beneficial ownership shall be effected through the records of the depository. The beneficial owner shall be entitled to all rights and benefits and subject to all liabilities in respect of his securities held by a depository.

The requirement to hold the equity shares in book-entry form will apply to the ADS holders when the equity shares are withdrawn from the depository facility upon surrender of the ADSs. In order to trade the equity shares in the Indian market, the withdrawing ADS holder will be required to comply with the procedures described above.

Our equity shares are freely transferable, subject only to the provisions of the Companies Act under which, if a transfer of equity shares contravenes the Securities and Exchange Board of India Act, 1992 or the regulations issued under it or the Sick Industrial Companies (Special Provisions) Act, 1985, or any other similar law, the Indian Company Law Board may, on application made by us, a depository incorporated in India, an investor, SEBI or certain other parties, direct a rectification of the register of records. It is a condition of our listing that we transfer equity shares and deliver share certificates duly endorsed for the transfer within one month of the date of lodgment of transfer. If a company without sufficient cause refuses to register a transfer of equity shares within two months from the date on which the instrument of transfer is delivered to the company, the transferee may appeal to the Indian Company Law Board seeking to register the transfer of equity shares. The Indian Company Law Board may, in its discretion, issue an interim order suspending the voting rights attached to the relevant equity shares before completing its investigation of the alleged contravention. Our Articles provide for certain restrictions on the transfer of equity shares, including granting power to the board of directors in certain circumstances, to refuse to register or acknowledge transfer of equity shares or other securities issued by us. Furthermore, the RBI requires us to obtain its approval before registering a transfer of equity shares in favor of a person which together with equity shares already held by him represent more than 5.0% of our share capital.

Our transfer agent, Datamatics Financial Services Limited, is located in Mumbai. Certain foreign exchange control and security regulations apply to the transfer of equity shares by a non-resident or a foreigner. See Restrictions on Foreign Ownership of Indian Securities.

### **Disclosure of Ownership Interest**

The provisions of the Companies Act generally require beneficial owners of equity shares of Indian companies that are not holders of record to declare to the company details of the holder of record and holders of record to declare details of the beneficial owner. While it is unclear whether these provisions apply to holders of an Indian company's ADSs, investors who exchange ADSs for equity shares are subject to this provision. Failure to comply with these provisions would not affect the obligation of a company to register a transfer of equity shares or to pay any dividends to the registered holder of any equity shares in respect of which this declaration has not been made, but any person who fails to make the required declaration may be liable for a fine of up to Rs. 1,000 for each day this failure continues. However, under the Indian Banking Regulation Act, a registered holder of any equity shares, except in certain conditions, shall not be liable to any suit or proceeding on the ground that the title to those equity shares vests in another person.





---

## **Table of Contents**

### **Acquisition by the Issuer of Its Own Shares**

Until recently, the Companies Act did not permit a company to acquire its own equity shares because of the resulting reduction in the company's capital. However, the government of India amended the Companies Act and consequently this reduction in capital is permitted in certain circumstances. The reduction of capital requires compliance with buy-back provisions specified in the Companies Act and by SEBI.

ADS holders will be eligible to participate in a buy-back in certain cases. An ADS holder may acquire equity shares by withdrawing them from the depository facility and then sell those equity shares back to us. ADS holders should note that equity shares withdrawn from the depository facility may only be redeposited into the depository facility under certain circumstances. See Description of American Depositary Shares Deposit, Withdrawal and Cancellation.

There can be no assurance that the equity shares offered by an ADS investor in any buy-back of shares by us will be accepted by us. The position regarding regulatory approvals required for ADS holders to participate in a buy-back is not clear. ADS investors are advised to consult their Indian legal advisers prior to participating in any buy-back by us, including in relation to any regulatory approvals and tax issues relating to the buy-back.

### **Liquidation Rights**

Subject to the rights of depositors, creditors and employees, in the event of our winding up, the holders of the equity shares are entitled to be repaid the amounts of capital paid up or credited as paid up on these equity shares. All surplus assets remaining belong to the holders of the equity shares in proportion to the amount paid up or credited as paid up on these equity shares, respectively, at the commencement of the winding up.

### **Acquisition of the Undertaking by the Government**

Under the Indian Banking Regulation Act, the government may, after consultation with the RBI, in the interest of our depositors or banking policy or better provision of credit generally or to a particular community or area, acquire our banking business. The RBI may acquire our business if it is satisfied that we have failed to comply with the directions given to us by the RBI or that our business is being managed in a manner detrimental to the interest of our depositors. Similarly, the Government of India may also acquire our business based on a report by the RBI.

### **Takeover Code and Listing Agreements**

Under the Securities and Exchange Board of India (Substantial Acquisitions of Shares & Takeovers) Regulations, 1997 (the Takeover Code), upon the acquisition of more than 5% of the outstanding shares or voting rights of a publicly listed Indian company, a purchaser is required to notify the company and the company and the purchaser are required to notify all the stock exchanges on which the shares of such company are listed. Such notification is also required upon acquisition of 10% and 14% of the outstanding shares or voting rights of a publicly listed Indian company. An ADS holder would be subject to these notification requirements.

Upon the acquisition of 15% or more of such shares or voting rights, or a change in control of the company, the purchaser is required to make an open offer to the other shareholders, offering to purchase at least 20% of all the outstanding shares of the company at a minimum offer price as determined pursuant to the Takeover Code. Since we are a listed company in India, the provisions of the Takeover Code will apply to us. However, the Takeover Code provides for a specific exemption from this provision to an ADS holder and states that this provision will apply to an ADS holder only once he or she converts the ADSs into the underlying equity shares.

We have entered into listing agreements with each of the Indian stock exchanges on which our equity shares are listed. Each of the listing agreements provides that if a purchase of a listed company's shares results in the purchaser and its affiliates holding more than 5% of the company's outstanding equity shares or voting rights, the purchaser and the company must report its holding to the company and the relevant stock exchanges. The agreements also provide that if an acquisition results in the purchaser and its affiliates holding equity shares representing more than 15% of the voting rights in the company, then the purchaser must, before acquiring such equity shares, make an offer on a uniform basis to all remaining shareholders of the company to acquire equity shares that have at least an additional 20% of the voting rights of the total equity shares of the company at a prescribed price.

---

**Table of Contents**

**DESCRIPTION OF AMERICAN DEPOSITARY SHARES**

**American Depositary Shares**

JPMorgan Chase Bank, N.A., as depositary, issued the American Depositary Shares, or ADSs. Each ADS represents an ownership interest in three equity shares, which we have deposited with the custodian, as agent of the depositary, under the deposit agreement among ourselves, the depositary and each ADR holder. In the future, each ADS will also represent any securities, cash or other property deposited with the depositary but which it has not distributed directly to an ADR holder. The ADSs are evidenced by what is known as American Depositary Receipts or ADRs.

The depositary's office is located at 4 New York Plaza, 13th Floor, New York, NY 10004.

Investors may hold ADSs either directly or indirectly through their broker or other financial institution. If an investor holds ADSs directly, by having an ADS registered in his name on the books of the depositary, he is an ADR holder. This description assumes that the investor holds his ADSs directly. If an investor holds the ADSs through his broker or financial institution nominee, he must rely on the procedures of such broker or financial institution to assert the rights of an ADR holder described in this section. Investors should consult with their broker or financial institution to find out what these procedures are.

Because the depositary's nominee will actually be the registered owner of the shares, investors must rely on it to exercise the rights of a shareholder on their behalf. The obligations of the depositary and its agents are set out in the deposit agreement. The deposit agreement and the ADSs are governed by New York law.

The following is a summary of the material terms of the deposit agreement. Because it is a summary, it does not contain all the information that may be important to investors. For more complete information, investors should read the entire deposit agreement and the form of ADR which contains the terms of the ADSs. Investors can read a copy of the deposit agreement which was filed as an exhibit to the registration statement on Form F-1 we filed on July 12, 2001. Investors may also obtain a copy of the deposit agreement at the Securities and Exchange Commission Office, Public Reference Room, which is located at 100 F Street, N.E., Washington, D.C. 20549. Investors may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330.

**Share Dividends and Other Distributions**

We may make various types of distributions with respect to our securities. The depositary has agreed to pay to the investor the cash dividends or other distributions it or the custodian receives on shares or other deposited securities, after deducting its expenses. The investor will receive these distributions in proportion to the number of underlying shares that the investor's ADSs represent.

To the extent the depositary is legally permitted, it will deliver such distributions to ADR holders in proportion to their interests in the following manner:

***Cash***

The depositary will distribute any U.S. dollars available to it resulting from a cash dividend or other cash distribution if this is practicable and can be done in a reasonable manner. The depositary will attempt to distribute this cash in a practicable manner, and may deduct any taxes required to be withheld, any expenses of converting foreign currency and transferring funds to the United States and other expenses and adjustments. If exchange rates fluctuate during a time when the depositary cannot convert a foreign currency, investors may lose some or all of the value of the distribution.

***Shares***

In the case of a distribution in shares, the depositary will issue additional ADRs to evidence the number of ADSs representing such shares. Only whole ADSs will be issued. The depositary will sell any shares which would result in fractional ADSs and distribute the net proceeds to the ADR holders entitled to them.

***Rights to Receive Additional Shares***

## Edgar Filing: HDFC BANK LTD - Form 20-F

In the case of a distribution of rights to subscribe for additional shares or other rights, if we provide satisfactory evidence that the depositary may lawfully distribute the rights, the depositary may arrange for ADR holders to instruct the depositary as to the exercise of the rights. However, if we do not furnish that evidence or if the depositary determines it is not practical to distribute the rights, the depositary may:

sell the rights, if practicable, and distribute the net proceeds as cash, or

## **Table of Contents**

allow the rights to lapse, in which case ADR holders will receive nothing.

We have no obligation to file a registration statement under the Securities Act in order to make any rights available to ADR holders.

### ***Other Distributions***

In the case of a distribution of securities or property other than those described above, the depositary may either:

distribute such securities or property in any manner it deems equitable and practicable,

to the extent the depositary deems distribution of such securities or property not to be equitable and practicable, sell such securities or property and distribute any net proceeds in the same way it distributes cash, or

hold the distributed property, in which case the ADSs will also represent the distributed property.

Any U.S. dollars will be distributed by checks drawn on a bank in the United States for whole dollars and cents (fractional cents will be withheld without liability for interest and added to future cash distributions).

The depositary may choose any practical method of distribution for any specific ADR holder, including the distribution of foreign currency, securities or property, or it may retain those items, without paying interest on or investing them, on behalf of the ADR holder as deposited securities.

The depositary is not responsible if it decides that it is unlawful or impractical to make a distribution available to any ADR holders.

We cannot assure investors that the depositary will be able to convert any currency at a specified exchange rate or sell any property, rights, shares or other securities at a specified price, or that any of such transactions can be completed within a specified time period.

### **Deposit, Withdrawal and Cancellation**

The depositary issues ADSs upon the deposit of shares or evidence of rights to receive shares with the custodian.

Except for shares that we deposit, no shares may be deposited by persons located in India, residents of India or for, or on the account of, such persons. Under current Indian laws and regulations, the depositary cannot accept deposits of outstanding shares and issue ADRs evidencing ADSs representing such shares without prior approval of the Government of India. However, an investor who surrenders an ADS and withdraws shares may be permitted to redeposit those shares in the depositary facility in exchange for ADSs and the depositary may accept deposits of outstanding shares purchased by a non-resident of India on the local stock exchange and issue ADSs representing those shares. However, in each case, the number of shares re-deposited or deposited cannot exceed the number represented by ADSs converted into underlying shares.

Shares deposited in the future with the custodian must be accompanied by certain documents, including instruments showing that such shares have been properly transferred or endorsed to the person on whose behalf the deposit is being made. Only the following may be deposited with the depositary or custodian:

shares issued as a free distribution in respect of deposited securities;

shares subscribed for or acquired by holders from us through the exercise of rights distributed by us to such persons in respect of shares; and

## Edgar Filing: HDFC BANK LTD - Form 20-F

securities issued by us as a result of any change in par value, subdivision, consolidation and other reclassification of deposited securities or otherwise.

We will inform the depositary if any of the shares permitted to be deposited do not rank *pari passu* with the shares issued in any offering and the depositary will arrange for the ADSs issuable with respect to such shares to be differentiated from those issued in such offering until such time as they rank *pari passu* with the shares issued in such offering.

## **Table of Contents**

The custodian will hold all deposited shares for the account of the depository. ADR holders thus have no direct ownership interest in the shares and only have such rights as are contained in the deposit agreement. The custodian will also hold any additional securities, property and cash received on or in substitution for the deposited shares. The deposited shares and any such additional items are referred to as deposited securities.

Upon each deposit of shares, receipt of related delivery documentation and compliance with the other provisions of the deposit agreement, including the payment of the fees and charges of the depository and any taxes or other fees or charges owing, the depository will issue an ADR or ADRs in the name of the person entitled thereto evidencing the number of ADSs to which such person is entitled. Certificated ADRs will be delivered at the depository's principal New York office or any other location that it may designate as its transfer office.

When an investor turns in his ADRs at the depository's office, the depository will, upon payment of certain applicable fees, charges and taxes, and upon receipt of proper instructions, deliver the underlying shares in dematerialized form, for which the ADS holder will be required to open an account with a depository participant of the National Securities Depository Limited or Central Depository Services (India) Limited to hold and sell the shares in dematerialized form upon payment of customary fees and expenses. See "Description of Equity Shares" Transfer of Shares.

The depository may only restrict the withdrawal of deposited securities in connection with:

temporary delays caused by closing the Bank's transfer books or those of the depository or the deposit of shares in connection with voting at a shareholders' meeting, or the payment of dividends;

the payment of fees, taxes and similar charges; or

compliance with any U.S. or foreign laws or governmental regulations relating to the ADRs or to the withdrawal of deposited securities.

This right of withdrawal may not be limited by any other provision of the deposit agreement.

## **Voting Rights**

Investors who hold ADRs have no voting rights with respect to the deposited equity shares. The depository will abstain from exercising the voting rights of the deposited equity shares. The RBI examined the matter relating to the exercise of voting rights by the depository and issued a circular dated February 5, 2007 pursuant to which the Bank furnished to the RBI a copy of its agreement with the depository. We have given an undertaking to the RBI stating that we will not recognize voting by the depository if the vote given by the depository is in contravention of its agreement with us and that we or the depository will not bring about any change in our depository agreement without the prior approval of the RBI.

Equity shares which have been withdrawn from the depository facility and transferred on our register of shareholders to a person other than the depository or its nominee may be voted by that person. However, such shareholders may not receive sufficient advance notice of shareholder meetings to enable them to withdraw the underlying shares and vote at such meetings.

## **Record Dates**

The depository may fix record dates for the determination of the ADR holders who will be entitled to receive a dividend, distribution or rights, subject to the provisions of the deposit agreement.

## **Reports and Other Communications**

The depository will make available for inspection by ADR holders any written communications from us which are both received by the custodian or its nominee as a holder of deposited securities and made generally available to the holders of deposited securities. We will furnish these communications in English.

## Edgar Filing: HDFC BANK LTD - Form 20-F

Additionally, if we make any written communications generally available to holders of our shares, including the depositary or the custodian, and the depositary or the custodian actually receives those written communications, the depositary will mail copies of them, or, at its option, summaries of them to ADR holders.



**Table of Contents****Fees and Charges for Holders of American Depositary Shares**

J.P. Morgan Chase Bank, N.A., as the depository for our ADSs, collects fees for the issuance and cancellation of ADSs from the holders of our ADSs, or intermediaries acting on their behalf, against the deposit or withdrawal of ordinary shares in the custodian account. The depository also collects the following fees from holders of ADRs or intermediaries acting in their behalf:

<b>Category</b>	<b>Depository actions</b>	<b>Associated fee</b>
(a) Depositing or substituting the underlying shares	Issuing ADSs upon deposits of shares, including deposits and issuances in respect of share distributions, stock splits, rights, mergers, exchanges of securities or any other transaction or event or other distribution affecting the ADSs or the deposited shares.	U.S.\$5.00 for each 100 ADSs (or portion thereof) evidenced by the new shares deposited.
(b) Receiving or distributing dividends	Distribution of dividends.	U.S.\$0.02 or less per ADSs (U.S.\$2.00 per 100 ADSs).
(c) Selling or exercising rights	Distribution or sale of securities.	U.S.\$5.00 for each 100 ADSs (or portion thereof), the fee being in an amount equal to the fee for the execution and delivery of ADSs which would have been charged as a result of the deposit of such securities.
(d) Withdrawing an underlying security	Acceptance of ADSs surrendered for withdrawal of deposited shares.	U.S.\$5.00 for each 100 ADSs (or portion thereof) evidenced by the shares withdrawn.
(e) Transferring, splitting or grouping receipts	Transferring, combining or grouping of depository receipts.	U.S.\$1.50 per ADS.
(f) General depository services, particularly those charged on an annual basis.	Other services performed by the depository in administering the ADSs.	U.S.\$0.02 per ADS (or portion thereof) not more than once each calendar year.
(g) Other	Expenses incurred on behalf of holders in connection with:  compliance with foreign exchange control regulations or any law or regulation relating to foreign investment;  the depository's or its custodian's compliance with applicable law, rule or regulation;  stock transfer or other taxes and other governmental charges;  cable, telex, facsimile transmission/delivery;  expenses of the depository in connection with the conversion of foreign currency into U.S. dollars (which are paid out of such foreign currency); or  any other charge payable by depository or its agents.	The amount of such expenses incurred by the Depository.

As provided in the Deposit Agreement, the Depository may charge fees for making cash and other distributions to holders by deducting fees from distributable amounts or by selling a portion of the distributable property. The Depository may generally refuse to provide services until its fees for those services are paid.



**Table of Contents**

**Fees Paid by the Depositary to Us**

***Direct Payments***

The depositary has agreed to reimburse certain reasonable expenses related to our ADS program incurred by us in connection with the program. Under certain circumstances, including termination of our ADS program prior to June 14, 2014, we may be required to repay to the depositary amounts reimbursed in prior periods.

The table below sets forth the types of expenses that the Depositary has reimbursed us during fiscal 2010.

Category	Amount reimbursed
Legal, accounting fees and other expenses incurred in connection with our ADR program	U.S.\$ 1,013,691.5

***Indirect Payments***

As part of its service to us, the Depositary has agreed to waive fees for the standard costs associated with the administration of our ADS program, associated operating expenses and investor relations advice up to a minimum of US\$ 215,000 per year.

**Payment of Taxes**

ADR holders must pay any tax or other governmental charge payable by the custodian or the depositary on any ADS or ADR, deposited security or distribution. If an ADR holder owes any tax or other governmental charge, the depositary may:

deduct the amount thereof from any cash distributions, or

sell deposited securities and deduct the amount owing from the net proceeds of such sale.

In either case the ADR holder remains liable for any shortfall. Additionally, if any tax or governmental charge is unpaid, the depositary may also refuse to effect any registration, registration of transfer, split-up or combination of deposited securities or withdrawal of deposited securities (except under limited circumstances mandated by securities regulations). If any tax or governmental charge is required to be withheld on any non-cash distribution, the depositary may sell the distributed property or securities to pay such taxes and distribute any remaining net proceeds to the ADR holders entitled to them.

**Reclassifications, Recapitalizations and Mergers**

If we take certain actions that affect the deposited securities, including (1) any change in par value, split-up, consolidation, cancellation or other reclassification of deposited securities or (2) any recapitalization, reorganization, merger, consolidation, liquidation, receivership, bankruptcy or sale of all or substantially all of our assets, then the depositary may choose to:

amend the form of ADR;

distribute additional or amended ADRs;

distribute cash, securities or other property it has received in connection with such actions;

sell any securities or property received and distribute the proceeds as cash; or

take no action.

If the depositary does not choose any of the above options, any of the cash, securities or other property it receives will constitute part of the deposited securities and each ADS will then represent a proportionate interest in such property.

#### **Amendment and Termination**

We may agree with the depositary to amend the deposit agreement and the ADSs without the consent of ADR holders for any reason. ADR holders must be given at least 30 days notice of any amendment that imposes or increases any fees or charges (other than stock transfer or other taxes and other governmental charges, transfer or registration fees, cable, telex or facsimile transmission costs, delivery costs or other such expenses), or affects any substantial existing right of ADR holders. If an ADR holder continues to hold an ADR or ADRs after being notified of these changes, the ADR holder is deemed to agree to such amendment. Notwithstanding the foregoing, an amendment can become effective before notice is given if this is necessary to ensure compliance with a new law, rule or regulation.

## **Table of Contents**

No amendment will impair an ADR holder's right to surrender its ADSs and receive the underlying securities. If a governmental body adopts new laws or rules which require the deposit agreement or the ADS to be amended, the Bank and the depository may make the necessary amendments, which could take effect before an ADR holder receives notice thereof.

The depository may terminate the deposit agreement by giving the ADR holders at least 30 days prior notice, and it must do so at our request. After termination, the depository's only responsibility will be (i) to deliver deposited securities to ADR holders who surrender their ADRs, and (ii) to hold or sell distributions received on deposited securities. As soon as practicable after the expiration of six months from the termination date, the depository will sell the deposited securities which remain and hold the net proceeds of such sales, without liability for interest, in trust for the ADR holders who have not yet surrendered their ADRs. After making those sales, the depository shall have no obligations except to account for such proceeds and other cash. The depository will not be required to invest such proceeds or pay interest on them.

## **Limitations on Obligations and Liability to ADR Holders**

The deposit agreement expressly limits the obligations and liability of the depository, ourselves and our respective agents. Neither we nor the depository nor any such agent will be liable if:

a change in law or regulation governing any deposited securities, act of God, war or other circumstance beyond its control shall prevent, delay or subject to any civil or criminal penalty any act which the deposit agreement or the ADRs provide shall be done or performed by it;

it exercises or fails to exercise discretion under the deposit agreement or the ADR;

it takes any action or inaction in reliance upon the advice of or information from legal counsel, accountants, any person presenting shares for deposit, any registered holder of ADRs, or any other person believed by it to be competent to give such advice or information; or

it performs its obligations without gross negligence or bad faith;

it relies upon any written notice, request, direction or other document believed by it to be genuine and to have been signed or presented by the proper party or parties.

Neither the depository nor its agents have any obligation to appear in, prosecute or defend any action, suit or other proceeding in respect of any deposited securities or the ADRs. We and our agents shall only be obligated to appear in, prosecute or defend any action, suit or other proceeding in respect of any deposited securities or the ADRs, which in our opinion may involve us in expense or liability, if indemnity satisfactory to us against all expense (including fees and disbursements of counsel) and liability is furnished as often as we require.

The depository will not be responsible for failing to carry out instructions to vote the deposited securities or for the manner in which the deposited securities are voted or the effect of the vote.

The depository may own and deal in deposited securities and ADSs.

## **Disclosure of Interest in ADSs**

From time to time we may request ADR holders and beneficial owners of ADSs to provide information as to:

the capacity in which they own or owned ADSs;

## Edgar Filing: HDFC BANK LTD - Form 20-F

the identity of any other persons then or previously interested in such ADSs; and

the nature of such interest and various other matters.

Investors in ADSs agree to provide any information requested by us or the depositary pursuant to the deposit agreement. The depositary has agreed to use reasonable efforts to comply with written instructions received from us requesting that it forward any such requests to investors in ADSs and other holders and beneficial owners and to forward to us any responses to such requests to the extent permitted by applicable law.

We may restrict transfers of the shares where any such transfer might result in ownership of shares in contravention of, or exceeding the limits under, the governmental approval which we received from the Indian government in connection with any offering, applicable law or our organizational documents. We may also instruct ADR holders that we are restricting the transfers of ADSs where such a transfer may result in the total number of shares represented by the ADSs beneficially owned by ADR holders contravening or exceeding the limits under the applicable law or our organizational documents. We reserve the right to instruct ADR holders to deliver their ADSs for cancellation and withdrawal of the shares underlying such ADSs.

## **Table of Contents**

### **Requirements for Depositary Actions**

We, the depositary or the custodian may refuse to:

issue, register or transfer an ADR or ADRs;

effect a split-up or combination of ADRs;

deliver distributions on any such ADRs; or

permit the withdrawal of deposited securities (unless the deposit agreement provides otherwise), until the following conditions have been met:

the holder has paid all taxes, governmental charges and fees and expenses as required in the deposit agreement;

the holder has provided the depositary with any information it may deem necessary or proper, including, without limitation, proof of identity and the genuineness of any signature; and

the holder has complied with such regulations as the depositary may establish under the deposit agreement.

The depositary may also suspend the issuance of ADSs, the deposit of shares, the registration, transfer, split-up or combination of ADRs, or the withdrawal of deposited securities (unless the deposit agreement provides otherwise), if the register for ADRs or any deposited securities is closed or if we or the depositary decide it is advisable to do so.

### **Books of Depositary**

The depositary or its agent will maintain a register for the registration, registration of transfer, combination and split-up of ADRs. ADR holders may inspect the depositary's designated records at its office during regular business hours.

The depositary will maintain facilities to record and process the registration, registration of transfer, combination and split of ADRs. These facilities may be closed from time to time, to the extent not prohibited by law.

### **Pre-release of ADSs**

The depositary may issue ADSs prior to the deposit with the custodian of shares (or rights to receive shares). This is called a pre-release of the ADSs. A pre-release is closed out as soon as the underlying shares (or other ADSs) are delivered to the depositary. The depositary may pre-release ADSs only if:

the depositary has received collateral for the full market value of the pre-released ADSs; and

each recipient of pre-released ADSs agrees in writing that he or she:

owns the underlying shares;

assigns all rights in such shares to the depositary;

holds such shares for the account of the depositary; and

will deliver such shares to the custodian as soon as practicable, and promptly if the depositary so demands.

In general, the number of pre-released ADSs will not evidence more than 30% of all ADSs outstanding at any given time (excluding those evidenced by pre-released ADSs). However, the depositary may change or disregard such limit from time to time as it deems appropriate. The depositary may retain for its own account any earnings on collateral for pre-released ADSs and its charges for issuance thereof.

#### **The Depositary**

JPMorgan Chase Bank, N.A., a national banking association organized under the laws of the United States, is a commercial bank offering a wide range of banking and trust services to its customers in the New York metropolitan area, throughout the United States and around the world.



**Table of Contents****DIVIDEND POLICY**

We have paid dividends every year since fiscal 1997. The following table sets forth, for the periods indicated, the dividend per equity share and the total amount of dividends declared on the equity shares, both exclusive of dividend tax. All dividends were paid in rupees.

Relating to Fiscal Year	Dividend per equity share		Total amount of dividends declared (1) (in millions)	
	Rs.	US\$	Rs.	US\$
2006	5.50	0.122	1,722.3	38.3
2007	7.00	0.156	2,235.7	49.7
2008	8.50	0.189	3,012.7	67.0
2009	10.00	0.222	4,253.8	94.6
2010	12.00	0.267	5,492.9	122.2

(1) Includes dividends declared on shares held by the Employees Welfare Trust.

Our dividends are generally declared and paid in the fiscal year following the year to which they relate. Under Indian law, a company pays dividends upon a recommendation by its board of directors and approval by a majority of the shareholders at the annual general meeting of shareholders held within six months of the end of each fiscal year. The shareholders have the right to decrease but not to increase the dividend amount recommended by the board of directors.

Effective April 1, 2007, we pay a 15.0% direct tax in respect of dividends paid by us. In addition, we pay a 10.0% surcharge (effective April 1, 2010 the said surcharge was reduced to 7.5%) on 15.0% direct tax and a 3.0% add-on tax on such 15.0% direct tax including surcharge. These are direct taxes paid by us; these taxes are not payable by shareholders and are not withheld or deducted from the dividend payments set forth above. The tax rates imposed on us in respect of dividends paid in prior periods varied.

Future dividends will depend on our revenues, cash flows, financial condition (including capital position) and other factors. ADS holders will be entitled to receive dividends payable in respect of the equity shares represented by ADSs. Cash dividends in respect of the equity shares represented by ADSs will be paid to the depositary in Indian rupees and, except in certain instances will be converted by the depositary into U.S. dollars. The depositary will distribute these proceeds to ADS holders. The equity shares represented by ADSs will rank equally with all other equity shares in respect of dividends.

For a description of regulation of dividends, see [Supervision and Regulation Requirements of the Banking Regulation Act Restrictions on Payment of Dividends](#).

**Table of Contents****SELECTED FINANCIAL AND OTHER DATA**

The following table sets forth our selected financial and operating data. Our selected income statement data for the fiscal years ended March 31, 2008, 2009 and 2010 and the selected balance sheet data as of March 31, 2009 and 2010 are derived from our audited financial statements included in this report together with the report of Deloitte Haskins & Sells, independent registered public accounting firm. Our selected balance sheet data as of March 31, 2006, March 31, 2007, March 31, 2008 and selected income data for the years ended March 31, 2006 and March 31, 2007 are derived from our audited financial statements not included in this report. For the convenience of the reader, the selected financial data as of and for the year ended March 31, 2010 have been translated into U.S. dollars at the rate on such date of Rs. 44.95 per US\$1.00.

You should read the following data with the more detailed information contained in Management's Discussion and Analysis of Financial Condition and Results of Operations and our financial statements. Footnotes to the following data appear below the final table. We acquired Centurion Bank of Punjab effective May 23, 2008. The selected financial and other data is presented accordingly.

	2006	2007	Year ended March 31,		2010	2010
			2008	2009		
	(in millions, except per equity share data and ADS data)					
<b>Selected income statement data:</b>						
Interest and dividend revenue	Rs. 43,528.0	Rs. 70,061.6	Rs. 104,249.7	Rs. 158,996.8	Rs. 158,651.3	US\$ 3,529.6
Interest expense	19,621.8	33,145.1	49,414.0	86,114.9	77,720.0	1,729.0
Net interest revenue	23,906.2	36,916.5	54,835.7	72,881.9	80,931.3	1,800.6
Provisions for credit losses, net	5,032.0	8,250.3	13,367.7	20,394.9	18,193.9	404.8
Net interest revenue after provisions for credit losses	18,874.2	28,666.2	41,468.0	52,487.0	62,737.4	1,395.8
Non-interest revenue, net	12,147.9	14,999.7	20,346.6	33,603.0	42,899.7	954.5
Net revenue	31,022.1	43,665.9	61,814.6	86,090.0	105,637.1	2,350.3
Non-interest expense	17,846.8	27,426.1	42,261.8	63,154.9	68,410.9	1,522.1
Income before income tax expense	13,175.3	16,239.8	19,552.8	22,935.1	37,226.2	828.2
Income tax expense	3,965.7	5,142.9	6,307.6	7,737.4	12,338.4	274.5
Net income before noncontrolling interest	9,209.6	11,096.9	13,245.2	15,197.7	24,887.8	553.7
Less: Net income attributable to noncontrolling interest	22.5	57.2	91.0	93.4	317.1	7.1
Net income attributable to HDFC Bank Limited	Rs. 9,187.1	Rs. 11,039.7	Rs. 13,154.2	Rs. 15,104.3	Rs. 24,570.7	US\$ 546.6
<b>Per equity share data:</b>						
Earnings per equity share, basic	Rs. 29.45	Rs. 35.10	Rs. 38.24	Rs. 36.40	Rs. 56.30	US\$ 1.25
Earnings per equity share, diluted	29.08	34.60	37.75	36.21	55.61	1.24
Dividends per share	5.50	7.00	8.50	10.00	12.00	0.27
Book value <sup>(1)</sup>	176.49	205.10	336.44	586.52	667.59	14.85
<b>Equity share data:</b>						
Equity shares outstanding at end of period	313.1	319.4	354.4	425.4	457.7	457.7
Weighted average equity shares outstanding basic	311.9	314.6	344.0	415.0	436.4	436.4
Weighted average equity shares outstanding diluted	315.9	319.1	348.4	417.1	441.8	441.8
<b>ADS data (where 1 ADS represents 3 shares):</b>						
Earnings per ADS basic	88.36	105.30	114.72	109.20	168.90	3.76
Earnings per ADS diluted	87.24	103.80	113.25	108.63	166.83	3.71



**Table of Contents**

	2006	2007	As of March 31, 2008 2009		2010	2010
			(in millions)			
<b>Selected balance sheet data:</b>						
Cash and cash equivalents	Rs. 61,194.3	Rs. 80,546.4	Rs. 147,208.0	Rs. 171,224.4	Rs. 297,558.5	US\$ 6,619.8
Term placements <sup>(2)</sup>	10,243.7	12,815.8	5,917.6	34,473.2	58,166.3	1,294.0
Loans, net of allowance	395,274.3	536,730.9	715,345.3	986,495.0	1,297,180.4	28,858.3
<b>Investments:</b>						
Investments held for trading	2,945.6	4,284.1	113,557.8	35,386.2	28,158.8	626.4
Investments available for sale	273,457.0	304,241.1	419,008.8	508,106.3	481,398.8	10,709.7
Investments held to maturity <sup>(3)</sup>						
<b>Total</b>	<b>276,402.6</b>	<b>308,525.2</b>	<b>532,566.6</b>	<b>543,492.5</b>	<b>509,557.6</b>	<b>11,336.1</b>
<b>Total assets</b>	<b>Rs. 790,969.4</b>	<b>Rs. 1,013,185.9</b>	<b>Rs. 1,507,988.9</b>	<b>Rs. 2,020,744.8</b>	<b>Rs. 2,416,520.4</b>	<b>US\$ 53,760.3</b>
Long-term debt (including current portion)	17,899.9	33,601.5	32,832.4	68,452.2	75,854.4	1,687.5
Short-term borrowings (excluding current portion of long-term debt)	74,805.4	95,472.4	129,330.3	26,383.6	98,165.0	2,183.9
<b>Total deposits</b>	<b>557,305.4</b>	<b>682,348.0</b>	<b>1,005,910.1</b>	<b>1,426,288.6</b>	<b>1,672,400.3</b>	<b>37,205.8</b>
<b>Of which:</b>						
Interest-bearing deposits	410,181.2	484,542.9	718,646.9	1,142,281.9	1,301,046.0	28,944.3
Non-interest bearing deposits	147,124.2	197,805.1	287,263.2	284,006.7	371,354.3	8,261.5
<b>Total liabilities</b>	<b>735,476.6</b>	<b>947,356.2</b>	<b>1,388,281.6</b>	<b>1,770,691.7</b>	<b>2,110,066.2</b>	<b>46,942.5</b>
Noncontrolling interest	225.3	321.6	462.0	555.4	872.5	19.4
Total HDFC Bank Limited Shareholders equity	55,267.5	65,508.1	119,245.3	249,497.7	305,581.7	6,798.2
<b>Total liabilities and shareholders equity</b>	<b>Rs. 790,969.4</b>	<b>Rs. 1,013,185.9</b>	<b>Rs. 1,507,988.9</b>	<b>Rs. 2,020,744.8</b>	<b>Rs. 2,416,520.4</b>	<b>US\$ 53,760.3</b>

	2006	2007	Year ended March 31, 2008 2009		2010	2010
			(in millions)			
<b>Period average <sup>(4)</sup></b>						
Interest-earning assets	Rs. 589,311.1	Rs. 841,352.1	Rs. 1,077,606.7	Rs. 1,579,423.9	Rs. 1,756,963.3	US\$ 39,087.1
Loans, net of allowance	323,709.9	467,362.5	641,422.4	992,040.0	1,106,474.4	24,615.7
<b>Total assets</b>	<b>621,249.5</b>	<b>885,171.5</b>	<b>1,251,281.2</b>	<b>1,917,502.6</b>	<b>2,095,543.0</b>	<b>46,619.4</b>
Interest-bearing deposits	338,085.5	491,948.4	661,884.6	1,114,880.3	1,202,813.6	26,758.9
Non-interest bearing deposits	125,616.3	170,468.2	247,083.6	248,822.0	295,675.6	6,577.9
<b>Total deposits</b>	<b>463,701.8</b>	<b>662,416.6</b>	<b>908,968.2</b>	<b>1,363,702.3</b>	<b>1,498,489.2</b>	<b>33,336.8</b>
Interest-bearing liabilities	419,000.5	594,152.0	763,617.7	1,253,236.8	1,325,841.7	29,495.9
Long-term debt	6,669.7	26,812.5	32,218.4	43,493.5	72,433.5	1,611.4
Short-term borrowings	74,245.3	75,391.1	69,514.7	94,863.0	50,594.6	1,125.6
<b>Total liabilities</b>	<b>572,893.7</b>	<b>826,187.9</b>	<b>1,149,483.2</b>	<b>1,696,255.7</b>	<b>1,825,399.3</b>	<b>40,609.6</b>
HDFC Bank Limited Shareholders equity	48,355.8	58,983.6	101,797.9	221,246.9	270,143.7	6,009.9

**Table of Contents**

	As of or for the year ended				
	2006	2007	2008	2009	2010
	March 31, (in percentage)				
<b>Profitability:</b>					
Net income attributable to HDFC Bank Limited as a percentage of:					
Average total assets	1.5	1.2	1.1	0.8	1.2
Average shareholders' equity	19.0	18.7	13.0	6.8	9.1
Dividend payout ratio <sup>(5)</sup>	18.7	20.3	22.9	28.2	22.4
Spread <sup>(6)</sup>	3.8	4.0	4.8	4.3	4.2
Net interest margin <sup>(7)</sup>	4.1	4.4	5.1	4.6	4.6
Cost-to-net revenue ratio <sup>(8)</sup>	57.5	62.8	68.4	73.4	64.8
Cost-to-average assets ratio <sup>(9)</sup>	2.9	3.1	3.4	3.3	3.3
<b>Capital:</b>					
Total capital adequacy ratio <sup>(10)</sup>	11.41	13.08	13.60	15.69	17.44
Tier 1 capital adequacy ratio <sup>(10)</sup>	8.55	8.57	10.30	10.58	13.26
Tier 2 capital adequacy ratio <sup>(10)</sup>	2.86	4.51	3.30	5.11	4.18
Average HDFC Bank Limited shareholders' equity as a percentage of average total assets	7.8	6.7	8.1	11.6	12.9
<b>Asset quality:</b>					
Gross non-performing customer assets as a percentage of gross customer assets <sup>(11)</sup>	1.2	1.2	1.2	1.9	1.5
Net non-performing customer assets as a percentage of net customer assets <sup>(11)</sup>	0.4	0.4	0.4	0.6	0.4
Total allowance for credit losses as a percentage of gross non-performing credit assets	118.2	128.1	144.2	125.5	123.3

- 1) Represents the difference between total assets and total liabilities, divided by the number of shares outstanding at the end of each reporting period.
- 2) Includes placements with banks and financial institutions with original maturities of greater than three months.
- 3) During fiscal 2005 we transferred certain securities classified as held to maturity to the available for sale category for reasons not permitted under U.S. GAAP. As a result, we were required to transfer all remaining securities to the available for sale category and we were prevented from establishing a held to maturity portfolio until after March 31, 2007.
- 4) Average balances are the average of daily outstanding amounts. Average figures are unaudited.
- 5) Represents the ratio of total dividends payable on equity shares relating to each fiscal year, excluding the dividend distribution tax, as a percentage of net income of that year. Dividends declared each year are typically paid in the following fiscal year. See Dividend Policy.
- 6) Represents the difference between yield on average interest-earning assets and cost of average interest-bearing liabilities. Yield on average interest-earning assets is the ratio of interest revenue to average interest-earning assets. Cost of average interest-bearing liabilities is the ratio of interest expense to average interest-bearing liabilities. For purposes of calculating spread, interest-bearing liabilities include non-interest bearing current accounts and cash floats from transactional services.
- 7) Represents the ratio of net interest revenue to average interest-earning assets. The difference in net interest margin and spread arises due to the difference in the amount of average interest-earning assets and average interest-bearing liabilities. If average interest-earning assets exceed average interest-bearing liabilities, the net interest margin is greater than the spread. If average interest-bearing liabilities exceed average interest-earning assets, the net interest margin is less than the spread.
- 8) Represents the ratio of non-interest expense to the sum of net interest revenue after provision for credit losses and non-interest revenue.
- 9) Represents the ratio of non-interest expense to average total assets.
- 10) Tier 1 and Tier 2 capital adequacy ratios are computed in accordance with the guidelines of the RBI, based on the financial statements prepared in accordance with the Indian GAAP up to March 31, 2008 as per Basel I guidelines and as of March 31, 2009 and 2010 as per Basel II guidelines. See Supervision and Regulation.
- 11) Customer assets consist of loans and credit substitutes.

**Table of Contents**

**SELECTED STATISTICAL INFORMATION**

The following information should be read together with our financial statements included in this report as well as Management's Discussion and Analysis of Financial Condition and Results of Operations. All amounts presented in this section are in accordance with U.S. GAAP, other than capital adequacy ratios, and are audited, except for average amounts. Footnotes appear at the end of each related section of tables.

**Average Balance Sheet**

The table below presents the average balances for interest-earning assets and interest-bearing liabilities together with the related interest revenue and expense amounts, resulting in the presentation of the average yields and cost for each period. The average balance is the daily average of balances outstanding. The average yield on average interest-earning assets is the ratio of interest revenue to average interest-earning assets. The average cost on average interest-bearing liabilities is the ratio of interest expense to average interest-bearing liabilities. The average balances of loans include non-performing loans and are net of allowance for credit losses. We have not recalculated tax-exempt income on a tax-equivalent basis.

**Table of Contents**

	Year ended March 31,									
	2008			2009			2010			
	Average balance	Interest revenue/expense	Average yield/cost	Average balance	Interest revenue/expense	Average yield/cost	Average balance	Interest revenue/expense	Average yield/cost	
	(in millions, except percentages)									
<b>Assets:</b>										
Interest-earning assets:										
Cash equivalents	Rs. 30,631.2	Rs. 1,760.4	5.7%	Rs. 35,407.4	Rs. 1,434.7	4.1%	Rs. 26,923.5	Rs. 732.9	2.7%	
Term placements	14,248.4	1,182.7	8.3	25,020.3	1,261.4	5.0	37,059.7	1,804.1	4.9	
Investments available for sale:										
Tax free <sup>(1)</sup>	8,333.0	472.4	5.6	5,731.8	232.1	4.0	2,942.2	170.5	5.8	
Taxable	327,523.6	24,789.0	7.6	481,193.9	35,404.8	7.4	488,450.4	33,134.1	6.8	
Investments held to maturity										
Investments held for trading	55,448.1	3,449.3	6.2	40,030.5	3,382.3	8.4	95,113.1	4,445.2	4.7	
Loans, net:										
Retail loans	361,791.4	46,794.0	12.9	579,838.1	73,874.5	12.7	615,331.2	79,462.0	12.9	
Wholesale loans	279,631.0	25,801.9	9.2	412,201.9	43,407.0	10.5	491,143.2	38,902.5	7.9	
Total interest-earning assets:										
	Rs. 1,077,606.7	Rs. 104,249.7	9.7%	Rs. 1,579,423.9	Rs. 158,996.8	10.1%	Rs. 1,756,963.3	Rs. 158,651.3	9.0%	
Non-interest-earning assets:										
Cash	95,172.9			122,664.9			113,018.5			
Property and equipment	9,364.2			15,862.3			19,890.9			
Other assets	69,137.4			199,551.5			205,670.3			
Total non-interest earning assets	173,674.5			338,078.7			338,579.7			
Total assets	Rs. 1,251,281.2	Rs. 104,249.7	8.3%	Rs. 1,917,502.6	Rs. 158,996.8	8.3%	Rs. 2,095,543.0	Rs. 158,651.3	7.6%	
<b>Liabilities:</b>										
Interest-bearing liabilities:										
Savings account deposits	Rs. 222,473.6	Rs. 5,757.6	2.6%	Rs. 314,433.5	Rs. 8,463.5	2.7%	Rs. 414,444.4	Rs. 11,431.1	2.8%	
Time deposits	439,411.0	36,909.5	8.4	800,446.8	68,284.6	8.5	788,369.2	58,422.9	7.4	
Short-term borrowings <sup>(2)</sup>										
Long-term debt	69,514.7	4,100.9	5.9	94,863.0	5,876.5	6.2	50,594.6	1,813.4	3.6	
	32,218.4	2,646.0	8.2	43,493.5	3,490.3	8.0	72,433.5	6,052.6	8.4	
Total interest-bearing liabilities	Rs. 763,617.7	Rs. 49,414.0	6.5%	Rs. 1,253,236.8	Rs. 86,114.9	6.9%	Rs. 1,325,841.7	Rs. 77,720.0	5.9%	
Non-interest-bearing liabilities:										
Non-interest-bearing deposits <sup>(3)</sup>	247,083.6			248,822.0			295,675.6			
Other liabilities	138,781.9			194,196.9			203,882.0			

## Edgar Filing: HDFC BANK LTD - Form 20-F

Total non-interest-bearing liabilities		385,865.5			443,018.9			499,557.6		
Total liabilities	Rs. 1,149,483.2	Rs. 49,414.0	4.3%	Rs. 1,696,255.7	Rs. 86,114.9	5.1%	Rs. 1,825,399.3	Rs. 77,720.0	4.3%	
HDFC Bank Limited Shareholders equity		101,797.9			221,246.9			270,143.7		
Total liabilities and shareholders equity	Rs. 1,251,281.2	Rs. 49,414.0	3.9%	Rs. 1,917,502.6	Rs. 86,114.9	4.5%	Rs. 2,095,543.0	Rs. 77,720.0	3.7%	

1) Yields on tax free securities are not on a tax equivalent basis.



**Table of Contents**

- 2) Includes securities sold under repurchase agreements.  
 3) Includes current accounts and cash floats from transactional services.

**Analysis of Changes in Interest Revenue and Interest Expense: Volume and Rate**

The following table sets forth, for the periods indicated, the allocation of the changes in our interest revenue and interest expense between average volume and average rate.

	Fiscal 2009 vs. Fiscal 2008 Increase (decrease) <sup>(1)</sup> due to			Fiscal 2010 vs. Fiscal 2009 Increase (decrease) <sup>(1)</sup> due to		
	Net change	Change in average volume	Change in average rate (in millions)	Net change	Change in average volume	Change in average rate
<b>Interest revenue:</b>						
Cash equivalents	Rs. (325.7)	Rs. 451.5	Rs. (777.2)	Rs. (701.8)	Rs. (164.6)	Rs. (537.2)
Term placements	78.7	894.1	(815.4)	542.7	607.0	(64.3)
<b>Investments available for sale:</b>						
Tax free	(240.3)	(147.5)	(92.8)	(61.6)	(113.0)	51.4
Taxable	10,615.8	11,630.7	(1,014.9)	(2,270.7)	533.9	(2,804.6)
<b>Investments held to maturity</b>						
Investments held for trading	(67.0)	(959.1)	892.1	1,062.9	4,654.1	(3,591.2)
<b>Loans, net:</b>						
Retail loans	27,080.5	28,202.1	(1,121.6)	5,587.5	4,522.0	1,065.5
Wholesale loans	17,605.1	12,232.5	5,372.6	(4,504.5)	8,312.9	(12,817.4)
Total interest-earning assets	Rs. 54,747.1	Rs. 52,304.3	Rs. 2,442.8	Rs. (345.5)	Rs. 18,352.3	Rs. (18,697.8)
<b>Interest expense:</b>						
Savings account deposits	Rs. 2,705.9	Rs. 2,379.9	Rs. 326.0	Rs. 2,967.6	Rs. 2,692.0	Rs. 275.6
Time deposits	31,375.1	30,326.2	1,048.9	(9,861.7)	(1,030.3)	(8,831.4)
Short-term borrowings	1,775.6	1,495.4	280.2	(4,063.1)	(2,742.3)	(1,320.8)
Long-term debt	844.3	926.0	(81.7)	2,562.3	2,322.4	239.9
Total interest-bearing liabilities	Rs. 36,700.9	Rs. 35,127.5	Rs. 1,573.4	Rs. (8,394.9)	Rs. 1,241.8	Rs. (9,636.7)
Net interest revenue	Rs. 18,046.2	Rs. 17,176.8	Rs. 869.4	Rs. 8,049.4	Rs. 17,110.5	Rs. (9,061.1)

- 1) The changes in net interest revenue between periods have been reflected as attributed either to volume or rate changes. For purposes of this table, changes which are due to both volume and rate have been allocated solely to changes in rate.

**Table of Contents****Yields, Spreads and Margins**

The following table sets forth, for the periods indicated, the yields, spreads and interest margins on our interest-earning assets.

	2008	Year ended March 31, 2009		2010
		(in millions, except percentages)		
Interest revenue	Rs. 104,249.7	Rs. 158,996.8	Rs. 158,651.3	
Average interest-earning assets	1,077,606.7	1,579,423.9	1,756,963.3	
Interest expense	49,414.0	86,114.9	77,720.0	
Average interest-bearing liabilities	763,617.7	1,253,236.8	1,325,841.7	
Average total assets	1,251,281.2	1,917,502.6	2,095,543.0	
Average interest-earning assets as a percentage of average total assets	86.1%	82.4%	83.8%	
Average interest-bearing liabilities as a percentage of average total assets	61.0%	65.4%	63.3%	
Average interest-earning assets as a percentage of average interest-bearing liabilities	141.1%	126.0%	132.5%	
Yield	9.7%	10.1%	9.0%	
Cost of funds <sup>(1)</sup>	4.3%	5.1%	4.3%	
Spread <sup>(2)</sup>	4.8%	4.3%	4.2%	
Net interest margin <sup>(3)</sup>	5.1%	4.6%	4.6%	

- 1) Excludes HDFC Bank Limited shareholders' equity.
- 2) Represents the difference between the yield on average interest-earning assets and the cost of average interest-bearing liabilities. The yield on average interest-earning assets is the ratio of interest revenue to average interest-earning assets. The cost of average interest-bearing liabilities is the ratio of interest expense to average interest-bearing liabilities. For purposes of calculating spread, interest-bearing liabilities include non-interest bearing current accounts and cash floats from transactional services.
- 3) The net interest margin is the ratio of net interest revenue to average interest-earning assets. The difference in the net interest margin and spread arises due to the difference in the amount of average interest-earning assets and average interest-bearing liabilities. If average interest-earning assets exceed average interest-bearing liabilities, the net interest margin is greater than the spread. If average interest-bearing liabilities exceed average interest-earning assets, the net interest margin is less than the spread.

**Returns on Equity and Assets**

The following table presents selected financial ratios for the periods indicated.

	2008	Year ended March 31, 2009		2010
		(in millions, except percentages)		
Net income	Rs. 13,154.2	Rs. 15,104.3	Rs. 24,570.7	
Average total assets	1,251,281.2	1,917,502.6	2,095,543.0	
Average HDFC Bank Limited shareholders equity	101,797.9	221,246.9	270,143.7	
Net income as a percentage of average total assets	1.1%	0.8%	1.2%	
Net income as a percentage of average HDFC Bank Limited shareholders' equity	12.9%	6.8%	9.1%	
Average HDFC Bank Limited shareholders equity as a percentage of average total assets	8.1%	11.5%	12.9%	

Edgar Filing: HDFC BANK LTD - Form 20-F

Dividend payout-ratio	22.9%	28.2%	22.4%
-----------------------	-------	-------	-------

**Table of Contents****Investment Portfolio****Available for Sale Investments**

The following tables set forth, as of the dates indicated, information related to our investments available for sale.

	2008			At March 31, 2009			2010					
	Amortized Cost	Gross unrealized gain	Gross unrealized loss	Fair value	Amortized cost	Gross unrealized gain	Gross unrealized loss	Fair value	Amortized cost	Gross unrealized gain	Gross unrealized Loss	Fair Value
	(in millions)											
Government securities	Rs. 351,477.0	Rs. 481.8	Rs. 2,527.2	Rs. 349,431.6	Rs. 461,558.7	Rs. 13,467.8	Rs. 676.9	Rs. 474,349.6	Rs. 470,083.7	Rs. 2,752.3	Rs. 3,079.7	Rs. 469,756.3
Other debt securities	40,399.6	58.1	118.8	40,338.9	20,989.5	104.7	3.6	21,090.6	3,980.7	110.4		4,091.1
<b>Total debt securities</b>	<b>Rs. 391,876.6</b>	<b>Rs. 539.9</b>	<b>Rs. 2,646.0</b>	<b>Rs. 389,770.5</b>	<b>Rs. 482,548.2</b>	<b>Rs. 13,572.5</b>	<b>Rs. 680.5</b>	<b>Rs. 495,440.2</b>	<b>Rs. 474,064.4</b>	<b>Rs. 2,862.7</b>	<b>Rs. 3,079.7</b>	<b>Rs. 473,847.4</b>
Non-debt securities	29,034.0	315.0	110.7	29,238.3	12,679.4	221.4	234.7	12,666.1	7,474.4	113.2	36.2	7,551.4
<b>Total</b>	<b>Rs. 420,910.6</b>	<b>Rs. 854.9</b>	<b>Rs. 2,756.7</b>	<b>Rs. 419,008.8</b>	<b>Rs. 495,227.6</b>	<b>Rs. 13,793.9</b>	<b>Rs. 915.2</b>	<b>Rs. 508,106.3</b>	<b>Rs. 481,538.8</b>	<b>Rs. 2,975.9</b>	<b>Rs. 3,115.9</b>	<b>Rs. 481,398.8</b>

**Held to Maturity Investments**

As of March 31, 2008, 2009 and 2010, the Bank had no investments held to maturity.

**Held for Trading Investments**

The following table sets forth, as of the dates indicated, information related to our investments held for trading:

	2008			At March 31, 2009			2010					
	Amortized cost	Gross unrealized gain	Gross unrealized loss	Fair value	Amortized cost	Gross unrealized gain	Gross unrealized loss	Fair value	Amortized cost	Gross unrealized gain	Gross Unrealized loss	Fair value
	(in millions)											
Government securities	Rs. 12,572.9	Rs. 3.3	Rs. 41.1	Rs. 12,535.1	Rs. 34,833.3	Rs. 3.3	Rs. 108.8	Rs. 34,727.8	Rs. 20,867.9	Rs. 1.0	Rs. 8.0	Rs. 20,860.9
Other debt securities	8,630.8	3.3	31.4	8,602.7	606.3	4.6		610.9	7,189.2	40.7	0.6	7,229.3

Edgar Filing: HDFC BANK LTD - Form 20-F

Total debt securities	Rs. 21,203.7	Rs. 6.6	Rs. 72.5	Rs. 21,137.8	Rs. 35,439.6	Rs. 7.9	Rs. 108.8	Rs. 35,338.7	Rs. 28,057.1	Rs. 41.7	Rs. 8.6	Rs. 28,090.2
Non-debt securities	92,418.7	5.1	3.8	92,420.0	44.8	2.8	0.1	47.5	69.7	0.4	1.5	68.6
Total	Rs. 113,622.4	Rs. 11.7	Rs. 76.3	Rs. 113,557.8	Rs. 35,484.4	Rs. 10.7	Rs. 108.9	Rs. 35,386.2	Rs. 28,126.8	Rs. 42.1	Rs. 10.1	Rs. 28,158.8

**Table of Contents****Residual Maturity Profile**

The following table sets forth, for the periods indicated, an analysis of the residual maturity profile of our investments in government and corporate debt securities classified as available-for-sale securities and their market yields.

	At March 31, 2010							
	Up to one year		One to five years		Five to ten years		More than ten years	
	Amount	Yield	Amount	Yield	Amount	Yield	Amount	Yield
	(in millions, except percentages)							
Government securities	Rs. 163,834.5	4.5%	Rs. 163,990.2	6.5%	Rs. 89,009.2	6.8%	Rs. 52,922.4	8.2%
Other debt securities	2,152.6	7.3	1,757.9	5.6	180.6	8.2		
<b>Total debt securities, fair value</b>	<b>Rs. 165,987.1</b>	<b>4.5%</b>	<b>Rs. 165,748.1</b>	<b>6.5%</b>	<b>Rs. 89,189.8</b>	<b>6.8%</b>	<b>Rs. 52,922.4</b>	<b>8.2%</b>
Total amortized cost	Rs. 165,109.2		Rs. 165,126.2		Rs. 89,724.1		Rs. 54,104.9	

**Funding**

Our funding operations are designed to ensure stability, low cost of funding and effective liquidity management. The primary source of funding is deposits raised from retail customers, which were approximately 70% and 67% of total deposits as of March 31, 2009 and March 31, 2010, respectively. Wholesale banking deposits represented approximately 30% and 33% of total deposits as of March 31, 2009 and March 31, 2010, respectively.

**Total Deposits**

The following table sets forth, for the periods indicated, our average outstanding deposits and the percentage composition by each category of deposits. The average cost (interest expense divided by the average of the daily balance for the relevant period) of savings deposits was 2.6% in fiscal 2008, 2.7% in fiscal 2009 and 2.8% in fiscal 2010. The average cost of time deposits was 8.4% in fiscal 2008, 8.5% in fiscal 2009 and 7.4% in fiscal 2010. The average deposits for the periods set forth are as follows:

	2008		Year ended March 31, 2009		2010	
	Amount	% of total	Amount	% of total	Amount	% of total
	(in millions, except percentages)					
Current deposits <sup>(1)</sup>	Rs. 247,083.6	27.2%	Rs. 248,822.0	18.2%	Rs. 295,675.6	19.7%
Savings deposits	222,473.6	24.5	314,433.5	23.1	414,444.4	27.7
Time deposits	439,411.0	48.3	800,446.8	58.7	788,369.2	52.6
<b>Total</b>	<b>Rs. 908,968.2</b>	<b>100.0%</b>	<b>Rs. 1,363,702.3</b>	<b>100.0%</b>	<b>Rs. 1,498,489.2</b>	<b>100.0%</b>

1) Includes current accounts and cash floats from transactional services.

As of March 31, 2010, individual time deposits in excess of Rs. 0.1 million had a balance to maturity profile as follows:

	At March 31, 2010			
	Up to 3 Months	3 to 6 months	6 to 12 Months	More than 1 Year
	(in millions)			

Edgar Filing: HDFC BANK LTD - Form 20-F

Balance to maturity for deposits exceeding Rs. 0.1 million each	Rs. 176,379.0	Rs. 120,722.2	Rs. 232,069.2	Rs. 148,843.0
---	---------------	---------------	---------------	---------------

**Table of Contents****Short-term Borrowings**

The following table sets forth, for the periods indicated, information related to our short-term borrowings, which are comprised primarily of money-market borrowings. Short-term borrowings include securities sold under repurchase agreements.

	2008	Years ended March 31, 2009	2010
	(in millions, except percentages)		
Period end	Rs. 173,477.6	Rs. 27,237.0	Rs. 98,165.0
Average balance during the period	Rs. 69,514.7	Rs. 94,863.0	Rs. 50,594.6
Maximum outstanding	Rs. 178,157.0	Rs. 197,578.3	Rs. 141,802.3
Average interest rate during the period <sup>(1)</sup>	5.9%	6.2%	3.6%
Average interest rate at period end <sup>(2)</sup>	7.3%	2.3%	4.6%

1) Represents the ratio of interest expense on short-term borrowings to the average of daily balances of short-term borrowings.

2) Represents the weighted average rate of short-term borrowings outstanding as of March 31, 2008, 2009 and 2010.



**Table of Contents****Subordinated Debt**

We also obtain funds from the issuance of unsecured non-convertible subordinated debt securities, which qualify as Tier 1 or Tier 2 risk-based capital under the RBI's guidelines for assessing capital adequacy. Subordinated debt (Lower Tier 2 capital), Upper Tier 2 capital and Innovative Perpetual Debt Instruments outstanding as on March 31, 2010 are Rs. 33.92 billion (previous year: Rs. 34.60 billion), Rs. 27.60 billion (previous year: Rs. 28.24 billion), and Rs. 2.00 billion (previous year: Rs. 2.00 billion), respectively. The breakup of the same is shown hereunder:

Type	Currency	Year of issue	Year of maturity	Average tenor (years)	Interest rate (%)	Year of call	Step-up rate (%)	Face value (Rupees in billions)
Lower Tier 2	INR	2003-04	2014-15	10.3	5.90			3.95
Lower Tier 2	INR	2003-04	2017-18	13.3	6.00			0.05
Lower Tier 2	INR	2005-06	2015-16	9.6	7.50			4.14
Lower Tier 2	INR	2005-06	2015-16	9.3	7.75			2.31
Lower Tier 2	INR	2005-06	2015-16	9.7	8.25			2.57
Lower Tier 2	INR	2005-06	2015-16	9.9	8.60			3.00
Lower Tier 2	INR	2006-07	2016-17	10.0	8.45			1.69
Upper Tier 2	INR	2006-07	2021-22	15.0	8.80	2016-17	9.55	3.00
Lower Tier 2	INR	2006-07	2016-17	10.0	9.10			2.40
Upper Tier 2	INR	2006-07	2021-22	15.0	9.20	2016-17	9.95	3.00
Perpetual Debt	INR	2006-07			9.92	2016-17	10.92	2.00
Upper Tier 2	INR	2006-07	2021-22	15.0	8.95	2016-17	9.7	0.36
Upper Tier 2	USD	2006-07	2021-22	15.1	LIBOR+1.2	2016-17	LIBOR+2.2	4.49
Lower Tier 2	INR	2008-09	2018-19	10.0	10.70			11.50
Upper Tier 2	INR	2008-09	2023-24	15.0	10.85	2018-19	11.35	5.78
Lower Tier 2	INR	2008-09	2018-19	10.0	9.75			1.50
Upper Tier 2	INR	2008-09	2023-24	15.0	9.95	2018-19	10.45	2.00
Upper Tier 2	INR	2008-09	2023-24	15.0	9.85	2018-19	10.35	7.97
Lower Tier 2	INR	2002-03	2010-11	7.3	8.30			0.03
Lower Tier 2	INR	2004-05	2010-11	5.9	6.85			0.28
Lower Tier 2	INR	2004-05	2014-15	9.9	7.05			0.15
Lower Tier 2	INR	2004-05	2010-11	5.3	6.85			0.02
Lower Tier 2	INR	2004-05	2010-11	5.4	8.50			0.29
Lower Tier 2	INR	2004-05	2014-15	9.3	8.75			0.04
Upper Tier 2	INR	2007-08	2022-23	15.0	10.84	2017-18	14.34	1.00
Lower Tier 2	INR	2003-04	2011-12	7.0	7.25			0.002

The Upper Tier 2 U.S. dollar debt depicted in the table above is for an amount of US \$100 million raised during fiscal 2007 carrying an interest rate of Libor + 1.20%. In the table above, the rupee equivalent is based on the translation rate of Rs. 44.90 = US \$1.00. We have a right to redeem certain of the issuances as noted above under year of call. If not called, the interest rate increases to the step-up rate.

**Table of Contents****Asset Liability Gap**

The following table sets forth, for the periods indicated, our asset-liability gap position:

	As of March 31, 2010 <sup>(1)</sup>								
	0-28 Days	29-90 days	91-180 days	6-12 months	Total within one year (in millions, except percentages)	Over 1 year to 3 years	Over 3 years to 5 years	Over 5 years	Total
Cash and cash equivalents <sup>(2)(3)</sup>	200,948.3	6,828.6	5,496.6	6,882.4	220,155.9	53,562.4	12,158.7	11,681.5	297,558.5
Term placements	558.7	1,448.4	340.4	678.2	3,025.7	14,185.7	8,109.2	32,845.7	58,166.30
Investments held for trading <sup>(4)</sup>	19,306.4	7,069.4			26,375.7		1,783.0		28,158.8
Investments available for sale <sup>(5)(6)</sup>	69,211.2	23,803.3	22,740.5	28,830.5	144,585.5	221,258.3	50,949.5	64,605.4	481,398.8
Securities purchased under agreement to resell	20,000.0				20,000.0				20,000.0
Loans, net <sup>(7)(8)</sup>	96,379.9	162,198.4	138,007.8	147,480.2	544,066.3	554,880.1	94,698.2	103,535.8	1,297,180.4
Accrued interest receivable	13,767.3				13,767.3				13,767.3
Other assets	76,838.5				76,838.5	32,459.7			109,298.2
<b>Total financial assets</b>	<b>497,010.2</b>	<b>201,348.1</b>	<b>166,585.3</b>	<b>183,871.3</b>	<b>1,048,815.0</b>	<b>876,346.2</b>	<b>167,698.7</b>	<b>212,668.4</b>	<b>2,305,528.3</b>
Deposits <sup>(9)(10)</sup>	170,056.1	91,542.1	87,254.8	139,360.3	488,213.3	829,889.8	181,273.4	173,023.8	1,672,400.3
Debt <sup>(11)</sup>	31,710.5	37,791.3	8,722.7	24,741.5	102,966.0	5,783.0	4,140.0	61,130.4	174,019.4
Securities Sold under repurchase agreements									
Other Liabilities <sup>(12)(13)</sup>	153,521.9	1,071.0			154,592.9	101,450.7		7,602.9	263,646.5
<b>Total financial liabilities</b>	<b>355,288.5</b>	<b>130,404.4</b>	<b>95,977.5</b>	<b>164,101.8</b>	<b>745,772.2</b>	<b>937,123.5</b>	<b>185,413.4</b>	<b>241,757.1</b>	<b>2,110,066.2</b>
<b>Asset/Liability Gap</b>	<b>141,721.7</b>	<b>70,943.7</b>	<b>70,607.8</b>	<b>19,769.5</b>	<b>303,042.8</b>	<b>(60,777.3)</b>	<b>(17,714.7)</b>	<b>(29,088.6)</b>	<b>195,462.1</b>
Cumulative gap	141,721.7	212,665.4	283,273.2	303,042.8	303,042.8	242,265.5	224,550.7	195,462.1	195,462.1
Cumulative gap as a percentage of total financial assets	28.5%	30.5%	32.8%	28.9%	28.9%	12.6%	10.7%	8.5%	8.5%

## Edgar Filing: HDFC BANK LTD - Form 20-F

- 1) Assets and liabilities are classified into the applicable maturity categories based on residual maturity unless specifically mentioned.
- 2) Cash on hand is classified in the 0-28 days category.
- 3) Cash and cash equivalents include balances with the RBI to satisfy its cash reserve ratio requirements. These balances are held in the form of overnight cash deposits but we classify these balances as part of the applicable maturity categories on a basis proportionate to the classification of related deposits.
- 4) Securities in the trading book are classified based on the expected time of realization for such investments.
- 5) Securities held towards satisfying the statutory liquidity requirement prescribed by the RBI are classified based on the applicable maturity categories on a basis proportionate to the classification of related deposits.
- 6) Shares and units of open-ended mutual funds in the available-for-sale investment portfolio are classified in the greater than five years category.
- 7) Includes net non-performing loans which are classified in the Over 3 years to 5 years and Over 5 years categories.
- 8) Ambiguous maturity overdrafts are classified under various maturity categories based on a historical behavioral analysis that we have performed to determine the appropriate maturity categorization of such advances.

**Table of Contents**

- 9) Non-maturity deposits are classified under various maturity categories based on a historical behavioral analysis that we have performed to determine the appropriate maturity categorization of such deposits.
  - 10) Time deposits under Rs. 50 million are classified under various maturity categories based on the historical behavioral analysis that we have performed to determine the appropriate maturity categorization of such deposits taking into account rollovers and premature withdrawals. The rest have been classified under various maturity categories based on the residual maturity.
  - 11) Includes short-term borrowings and long-term debt.
  - 12) Cash floats are classified under various maturity categories based on the historical behavioral analysis that we have performed to determine the appropriate maturity categorization of such floats.
  - 13) Includes accrued interest payable classified in the 0-28 days category.
- For further information on how we manage our asset liability risk, see Business Market Risk.

**Table of Contents****Loan Portfolio and Credit Substitutes**

As of March 31, 2010, our gross loan portfolio amounted to Rs. 1,320.9 billion. As of that date, our gross credit substitutes outstanding were Rs. 2.5 billion and represented 5 credit substitutes outstanding. Almost all of our gross loans and credit substitutes are to borrowers in India and over 90% are denominated in rupees. For a description of our retail and wholesale loan products, see Business Retail Banking Retail Loans and Other Asset Products and Business Wholesale Banking Commercial Banking Products Commercial Loan Products and Credit Substitutes.

The following table sets forth, for the periods indicated, our gross loan portfolio classified by product group:

	2006	2007	At March 31, 2008 (in millions)	2009	2010
Retail loans	Rs. 229,301.4	Rs. 318,606.1	Rs. 441,312.4	Rs. 620,393.9	Rs. 732,984.2
Wholesale loans	171,626.2	226,139.3	286,768.9	390,652.0	587,956.8
Gross loans	Rs. 400,927.6	Rs. 544,745.4	Rs. 728,081.3	Rs. 1,011,045.9	Rs. 1,320,941.0
Credit substitutes (at fair value)	9,751.3	6,759.0	5,046.9	4,252.3	2,476.3
Gross loans plus credit substitutes	Rs. 410,678.9	Rs. 551,504.4	Rs. 733,128.2	Rs. 1,015,298.2	Rs. 1,323,417.3

**Maturity and Interest Rate Sensitivity of Loans and Credit Substitutes**

The following tables set forth, for the periods indicated, the maturity and interest rate sensitivity of our loans and credit substitutes:

	At March 31, 2010		
	Due in one year or less	Due in one to five years (in millions)	Due after five years
Retail loans	Rs. 249,614.8	Rs. 406,742.6	Rs. 76,626.8
Wholesale loans	303,104.8	250,327.4	34,524.6
Gross loans	Rs. 552,719.6	Rs. 657,070.0	Rs. 111,151.4
Credit substitutes	1,553.6	922.7	
Gross loans and credit substitutes	Rs. 554,273.2	Rs. 657,992.7	Rs. 111,151.4

	At March 31, 2010		
	Due in one year or less	Due in one to five years (in millions)	Due after five years
Interest rate classification of loans by maturity:			
Variable rates	Rs. 51,719.3	Rs. 272,065.2	Rs. 35,858.2
Fixed rates	501,000.3	385,004.8	75,293.2
Gross loans	Rs. 552,719.6	Rs. 657,070.0	Rs. 111,151.4

	At March 31, 2010		
	Due in one year or less	Due in one to five years (in millions)	Due after five years
Interest rate classification of credit substitutes by maturity:			
Variable rates	Rs.	Rs.	Rs.
Fixed rates	1,553.6	922.7	

## Edgar Filing: HDFC BANK LTD - Form 20-F

Gross credit substitutes	Rs. 1,553.6	Rs. 922.7	Rs.
<b>Interest rate classification of loans and credit substitutes by maturity:</b>			
Variable rates	Rs. 51,719.3	Rs. 272,065.2	Rs. 35,858.2
Fixed rates	502,553.9	385,927.5	75,293.2
 Gross loans and credit substitutes	 Rs. 554,273.2	 Rs. 657,992.7	 Rs. 111,151.4

### ***Concentration of Loans and Credit Substitutes***

Pursuant to the guidelines of the RBI, our exposure to individual borrowers is limited to 15% of our capital funds (as defined by RBI and calculated under Indian GAAP), and our exposure to a group of companies under the same management is limited to 40% of our capital funds. In the case of infrastructure projects, such as power, telecommunications, road and port projects, an additional exposure of up to 5% of capital funds is allowed in respect of individual borrowers and up to 10% in respect of group borrowers. We may, in exceptional circumstances, with the approval of our board of directors, consider enhancement of exposure to a borrower by a further 5% of capital funds. See Supervision and Regulation Credit Exposure Limits.

**Table of Contents**

The following table sets forth, for the periods indicated, our gross loans and fair value of credit substitutes outstanding by the borrower's industry or economic activity and as a percentage of our gross loans and fair value of credit substitutes (where such percentage exceeds 2.0% of the total). We do not consider retail loans a specific industry for this purpose. However, retail business banking loans are classified in the appropriate categories below and loans to commercial vehicle operators are included in land transport below.

	2006		2007		At March 31, 2008 (in millions, except percentages)		2009		2010	
Automotive manufacturers	Rs. 41,008.3	10.0%	Rs. 26,165.0	4.7%	Rs. 27,201.1	3.7%	Rs. 38,991.6	3.8%	Rs. 73,833.6	5.6%
Wholesale and retail trade	14,396.8	3.5	26,404.9	4.8	41,119.1	5.6	31,943.8	3.1	71,084.9	5.4
Land transport	36,841.6	9.0	61,407.3	11.1	54,454.9	7.4	53,270.5	5.3	59,080.3	4.5
Fertilizers	6,064.9	1.5	12,284.8	2.2	15,023.9	2.1	27,445.3	2.7	54,830.1	4.1
Non-Banking Finance Companies /Financial Intermediaries							40,681.5	4.0	53,802.5	4.1
Banks and Financial Institutions									37,590.1	2.8
Housing Finance Companies									35,697.6	2.7
Activities allied to agriculture	11,559.7	2.8	27,237.3	4.9	52,169.8	7.1	32,492.8	3.2	31,493.6	2.4
Real Estate & Property Services									27,051.3	2.0
Petroleum & Petroleum Products							26,437.3	2.6		
Food Processing	5,344.1	1.3	13,586.0	2.5	16,967.3	2.3				
Engineering	10,963.5	2.7	13,010.8	2.4	15,662.0	2.1				
Others (including unclassified retail)	284,500.0	69.2	371,408.3	67.4	510,530.1	69.6	764,035.4	75.3	878,953.3	66.4
Total	Rs. 410,678.9	100%	Rs. 551,504.4	100%	Rs. 733,128.2	100%	Rs. 1,015,298.2	100%	Rs. 1,323,417.3	100.0%

As of March 31, 2010, our 10 largest exposures totaled approximately Rs. 238.8 billion and represented 97.0% of our capital funds as per RBI guidelines based on Indian GAAP figures. The largest group of companies under the same management control accounted for 30.1% of our capital funds as on March 31, 2010 as per Indian GAAP.

**Directed Lending**

The RBI has established guidelines requiring Indian banks to lend 40% of their net bank credit to certain sectors called priority sectors. Priority sectors include small-scale industries, agricultural and agriculture-based sectors, food, housing, small business enterprises and certain other priority sectors deemed weaker by the RBI. See Supervision and Regulation.

We are required to comply with the priority sector lending requirements as of the last reporting Friday of each fiscal year, a date specified by the RBI for reporting. Apart from our loans to the sectors outlined above, we may invest in bonds of specified institutions and mortgage-backed securitized paper to meet our mandated lending requirements. Any shortfall in the amount required to be lent to the priority sectors may be required to be deposited with Indian development banks like the National Bank for Agriculture and Rural Development and the Small Industries Development Bank of India. These deposits have a maturity of up to twelve years and carry interest rates lower than market rates. With a view to rationalizing the banks' investments under priority sector lending and encouraging banks to increasingly lend directly to the farmers or other priority sector borrowers, the RBI has stipulated that subsequent to fiscal 2007, fresh investments by banks in specified institutions shall not be eligible for classification under priority sector lending. The RBI has issued revised guidelines to be followed by banks with effect from April 1, 2007. See Supervision and Regulation for further details.





**Table of Contents**

The following table sets forth, for the periods indicated, our directed lending broken down by sector:

	2006	2007	At March 31, 2008 (in millions)	2009	2010
Directed lending:					
Agriculture	Rs. 42,747.0	Rs. 70,712.7	Rs. 70,214.0	Rs. 105,459.5	Rs. 155,383.0
Small scale industries	6,968.9	19,229.9	79,809.0	108,932.2	181,739.6
Other	59,468.8	87,738.6	25,285.1	85,736.7	107,206.0
Total directed lending	Rs. 109,184.7	Rs. 177,681.2	Rs. 175,308.1	Rs. 300,128.4	Rs. 444,328.6

**Non-Performing Loans**

The following discussion of non-performing loans is based on U.S. GAAP. For classification of non-performing loans under Indian regulatory requirements, see Supervision and Regulation.

As of March 31, 2010, our gross non-performing loans as a percentage of gross loan assets was 1.5% and our gross non-performing loans net of specific valuation allowances as a percentage of net loan assets was 0.4%. We have made total valuation allowances for 123.3% of gross non-performing loans. These allowances are based on the expected realization of cash flows from these assets and from the underlying collateral. All of our non-performing loans are rupee-denominated. Non-performing loans to the directed lending sector were 0.3% of gross loans.

The following table sets forth, for the periods indicated, information about our gross non-performing loan portfolio:

	2006	2007	As of March 31, 2008 (in millions, except percentages)	2009	2010
Non-performing loans:					
Retail loans	Rs. 3,193.5	Rs. 4,785.7	Rs. 7,446.1	Rs. 14,957.7	Rs. 13,038.0
Wholesale loans	1,590.0	1,469.9	1,383.2	4,599.8	6,224.9
Gross non-performing loans	Rs. 4,783.5	Rs. 6,255.6	Rs. 8,829.3	Rs. 19,557.5	Rs. 19,262.9
Specific valuation allowances	Rs. 3,204.6	Rs. 4,224.2	Rs. 5,841.6	Rs. 13,220.6	Rs. 13,820.3
Unallocated valuation allowances	2,448.7	3,790.3	6,894.4	11,330.3	9,940.3
Non-performing loans net of specific valuation allowance	1,578.9	2,031.4	2,987.7	6,336.9	5,442.6
Gross loan assets	400,927.6	544,745.4	728,081.3	1,011,045.9	1,320,941.0
Net loan assets	Rs. 395,274.3	Rs. 536,730.9	Rs. 715,345.3	Rs. 986,495.0	Rs. 1,297,180.4
Gross non-performing loans as a percentage of gross loans	1.2%	1.1%	1.2%	1.9%	1.5%
Non-performing loans net of specific valuation allowance as a percentage of net loan assets	0.4%	0.4%	0.4%	0.6%	0.4%
Specific valuation allowance as a percentage of gross non-performing loans	67.0%	67.5%	66.2%	67.6%	71.7%
Total valuation allowance as a percentage of gross non-performing loans	118.2%	128.1%	144.2%	125.5%	123.3%



**Table of Contents****Recognition of Non-Performing Loans**

We classify our loan portfolio into loans that are performing and loans that are non-performing or impaired. We consider a loan to be performing when no principal or interest payment is one quarter or more past due and where we expect to recover all amounts due to us. We have categorized our gross loans based on their performance status as follows:

	2006	2007	At March 31, 2008 (in millions)	2009	2010
Performing	Rs. 396,144.1	Rs. 538,489.8	Rs. 719,252.0	Rs. 991,488.4	Rs. 1,301,678.10
Non-performing or impaired:					
On accrual status					1,078.5
On non-accrual status	4,783.5	6,255.6	8,829.3	19,557.5	18,184.4
Total non-performing or impaired	4,783.5	6,255.6	8,829.3	19,557.5	19,262.9
Total	Rs. 400,927.6	Rs. 544,745.4	Rs. 728,081.3	Rs. 1,011,045.9	Rs. 1,320,941.0

Interest income from loans is recognized on an accrual basis when earned, except with respect to loans placed on non-accrual status, for which interest income is recognized when received. We make specific allowances for all loans on non-accrual status based on the loss we expect to incur for each such loan.

In the case of wholesale loans, we also identify loans as non-performing or impaired even when principal or interest payments are less than one quarter past due but where we believe recovery of all principal and interest amounts is doubtful. We make specific and unallocated allowances for these loans based on our estimate of losses inherent in the loan portfolio.

Our methodology for determining specific and unallocated allowances is discussed separately below for each category of loans.

**Retail Loans**

We establish a specific allowance on our retail loan portfolio based on factors such as the nature of the product, delinquency levels or the number of days the loan is past due, the nature of the security available and loan to value ratios. The loans are charged off against allowances at defined delinquency levels.

We also make unallocated allowances for our retail loans by product type. Our retail loan portfolio comprises groups of large numbers of small value homogeneous loans. We establish an unallocated allowance for loans in each product group based on our estimate of the expected amount of losses inherent in such product. In making such estimates, among other factors considered, we stratify such loans based on the number of days past due and take into account historical losses for such products, the nature of security available and loan to value ratios.

**Wholesale Loans**

We make specific allowances for credit losses for all wholesale loans on non-accrual status. We also make specific allowances for wholesale loans that are on accrual status when we consider these loans to be impaired despite being less than one quarter past due.

We identify wholesale loans on accrual status as being impaired based on our assessment of each wholesale banking customer, taking into account quantitative and qualitative factors such as payment status, adverse situations that may affect the borrower's ability to repay, the value of any collateral held, our view of the industry and general economic conditions.

Impairment is measured for each non-performing wholesale banking customer for the aggregate of all wholesale loans made to that customer. We establish a specific allowance for the difference between the carrying value of the loan and the present value of expected future cash flows including the net realizable value of any collateral, discounted at the loan's effective interest rate. We do not establish a specific allowance for loans where the fair value of any collateral we hold exceeds the outstanding loan balance.

## Edgar Filing: HDFC BANK LTD - Form 20-F

Wholesale loans that experience insignificant payment delays and payment shortfalls are generally not classified as impaired but are placed on a surveillance watch list and closely monitored for deterioration. We determine the significance of payment delays and payment shortfalls on a case-by-case basis, taking into consideration all of the circumstances surrounding the loan and the borrower, including the length of the delay, the reasons for the delay, the borrower's prior payment record and the amount of the shortfall in relation to the principal and interest owed. We also have an unallocated allowance for performing loans, based on the overall portfolio quality, asset growth, economic conditions and other risk factors. We estimate our wholesale unallocated allowance based on an internal credit slippage matrix, which measures our historic losses for our standard loan portfolio.

**Table of Contents**

**Analysis of Non-Performing Loans by Industry Sector**

The following table sets forth, for the periods indicated, our non-performing loans by borrowers' industry or economic activity in each of the respective periods and as a percentage of our loans in the respective industry or economic activity sector. These figures do not include credit substitutes, which we include for purposes of calculating our industry concentration for RBI reporting. See Risk Factors. We have high concentrations of exposures to certain customers and sectors and if any of these exposures were to become non-performing, the quality of our portfolio could be adversely affected and our ability to meet capital requirements could be jeopardized.

	2006			2007			2008			2009			2010		
	Gross Loans	Non performing loans	% of loans in industry	Gross Loans	Non performing loans	% of loans in industry	Gross Loans	Non performing loans	% of loans in industry	Gross Loans	Non performing loans	% of loans in industry	Gross Loans	Non performing loans	
	(Rupees in millions, except percentages)														
Rs.	2,199.4	Rs.	129.0	5.9	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	2,396.8	Rs.	189.5
													8,980.0		553.8
	6,291.4	313.7	5.0	6,851.7	219.8	3.2	10,429.4	219.8	2.1	11,773.3	448.3	3.8	13,836.8	788.6	
	5,344.1	3.4	0.1	13,586.0	3.4		16,967.3	8.0		18,808.9	783.5	4.2	23,567.9	801.6	
	14,357.2	7.8	0.1	26,364.3	150.6	0.6	41,075.6	12.8		31,896.3	1,741.1	5.5	70,886.1	2,252.8	
	3,834.0	32.3	0.8	3,538.4	32.3	0.9	5,670.1						14,725.3	383.5	
										3,707.4	67.8	1.8	7,210.8	165.3	
	175,780.1	2,534.1	1.4	265,649.8	4,520.7	1.7	360,322.0	6,231.2	1.7	507,274.0	13,789.6	2.7	557,204.8	12,179.3	
	36,841.6	347.9	0.9	1,407.3	266.7	0.4	54,454.9	1,226.9	2.3	53,270.5	1,182.3	2.2	59,080.3	858.7	
													10,455.0	129.1	
	2,559.4	129.1	5.0				1,223.3	129.1	10.6	7,922.7	129.0	1.6	11,369.0	129.1	
	5,641.2	118.2	2.1							12,462.9	179.8	1.4	20,337.2	165.4	
										10,377.8	620.2	6.0	6,376.5	59.2	
				27,237.3	5.7		27,201.1	23.9	0.1	32,492.8	165.2	0.5	31,493.6	262.1	
	10,659.7	56.0	0.5	12,912.7	174	1.3	15,023.9	41.5	0.3	17,529.4	17.8	0.1	21,106.9	118.1	
													2,302.1	9.2	
	15,824.0	58.7	0.4	10,343.9	108.2	1.0	15,764.0	116.5	0.7	40,999.8	92.1	0.2	46,379.9	115.2	
										16,675.0	99.3	0.6	35,697.6	73.3	
													27,051.3	18.4	
	40,970.3	954.4	2.3	26,165.0	642.9	2.5	52,169.8	642.9	1.2				4,254.5	1.3	
										9,109.4	146.7	1.6	73,784.3	9.4	
				9,264.4	114.8	1.2	15,184.5	114.8	0.8	6,716.6	69.5	1.0			
										4,700.8	14.0	0.3			
										40,425.2	11.2				

**Table of Contents**

Industry	2006			2007			2008			2009			2010		
	Gross Loans	Non performing loans	% of loans in industry	Gross Loans	Non performing loans	% of loans in industry	Gross Loans	Non performing loans	% of loans in industry	Gross Loans	Non performing loans	% of loans in industry	Gross Loans	Non performing loans	% of loans in industry
	(Rupees in millions, except percentages)														
Fertilizers	5,450.9	22.6	0.4							27,445.3	0.1				
Electricity generation	1,599.4	26.8	1.7				2,910.6	45.2	1.6						
Computer Software				751.5	7.6	1.0	1,428.4	7.6	0.5						
Glass and glass products				2,468.4	9.1	0.4	2,465.0	9.1	0.4						
Other wholesale trade	5,155.7	49.5	1.0												
Total		4,783.5			6,255.6			8,829.3			19,557.5			19,262.9	
Specific allowance for credit losses		3,204.6			4,224.2			5,841.6			13,220.6			13,820.3	
Non-performing loans, net		1,578.9			2,031.4			2,987.7			6,336.9			5,442.6	

**Table of Contents**

As of March 31, 2010, our gross non-performing loans as a percentage of gross loans in the respective industries was the highest in the consumer electronics, construction and textile industries.

**Consumer electronics**

The economic recession during fiscal 2009 led to poor consumer sentiment and a decline in spending power. The position has shown an improvement with the revival of the economy and the increase in the purchasing power of consumers during fiscal 2010. There has been a steady growth in the demand for white goods, which is expected to continue over the medium term.

**Construction**

Despite the economic slowdown in fiscal 2009, the industry had witnessed healthy revenue growth due to a strong order book of its players. Also, the operating margins improved due to cautious bidding for low-margin highly competitive Build-Operate-Transfer (BOT) projects and an increased focus on high-margin segments like power, irrigation, roads, etc. Revenues are expected to grow over the short term due to comfortable order book positions and expected increase in fresh orders. However, net margins could be curtailed due to the increasing input costs and finance charges on the back of increased borrowings to support the growth in activity levels.

**Textile**

The performance of players in this industry suffered a setback due to rising cotton prices and increasing competition from China and Bangladesh. The industry is export-driven, it was significantly impacted by the global meltdown and consequent steep decline in demand especially from the US and European markets. The trend is expected to continue over the short term, with operating margins of export-oriented players especially in the readymade garment segment declining by around 5% due to a sharp increase in fabric prices over the last one year and rupee appreciation against the dollar and euro.

**Top Ten Non-Performing Loans**

As of March 31, 2010, we had 83 wholesale non-performing loans outstanding. Our top ten non-performing loans represented 21.6% of our gross non-performing loans and 0.3% of our gross loan portfolio.

The following table sets forth information regarding our ten largest non-performing loans. The table also sets forth the value (as set forth on the borrower's books) of collateral securing the loans. However, the net realizable value of such collateral may be substantially less, if anything.

At March 31, 2010						
Industry	Type of banking arrangement	Gross principal outstanding (in millions)	Principal outstanding net of allowance for credit losses	Collateral-our share (in percentages)	Currently servicing all interest payments	
Borrower 1	Wholesale / Retail Trade	Rs. 1,487.7	Rs.	11.9 to 19.0	No	
Borrower 2	Food and Beverage	695.0	609.2	2.3 to 57.4	Yes	
Borrower 3	Construction	553.8		5.0	No	
Borrower 4	Drugs and Pharmaceuticals	383.5	318.7	5.7	Yes	
Borrower 5	Wholesale / Retail Trade	304.4	113.9	7.2 to 100	No	
Borrower 6	Consumer Durables	189.4	66.8	20.0	No	
Borrower 7	Textiles & Garments	171.7	22.6	8.0 to 100	No	
Borrower 8	Iron and Steel	149.6	22.9	3.6	No	
Borrower 9	Textiles & Garments	169.9	80.5	9.8 to 100	No	
Borrower 10	Paper, Printing and Stationery	156.7	120.9	8.6	No	





**Table of Contents****Interest Foregone**

Interest foregone is the interest due on non-performing loans that has not been accrued in our books of accounts. The following table sets forth the outstanding amount of interest foregone on existing non-performing loans as of the respective dates.

<b>Interest foregone</b>	<b>(in millions)</b>
March 31, 2008	Rs. 207.0
March 31, 2009	365.6
March 31, 2010	1,540.1

**Restructuring of Non-Performing Loans**

Our non-performing loans are restructured on a case-by-case basis after our management has determined that restructuring is the best means of maximizing realization of the loan. These loans continue to be on a non-accrual basis and are reclassified as performing loans only after sustained performance under the loan's renegotiated terms for a period of at least one year.

Pursuant to recently enacted regulations creating a system of Corporate Debt Restructuring, we may also be involuntarily required to restructure loans if decided by at least 60% of the number of lenders, holding at least 75% of the debt, in a consortium in which we participate.

The following table sets forth, as of the dates indicated, our non-performing loans that have been restructured through rescheduling of principal repayments and deferral or waiver of interest:

	<b>2006</b>	<b>2007</b>	<b>At March 31,</b>		<b>2010</b>
			<b>(in millions, except percentages)</b>		
			<b>2008</b>	<b>2009</b>	
Gross restructured loans	Rs. 167.9	Rs.	Rs.	Rs. 685.7	Rs. 1,810.0
Allowance for credit losses	167.9			685.7	742.2
<b>Net restructured loan</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs. 1,067.8</b>
Gross restructured loans as a percentage of gross non-performing loans	3.5%			3.5%	9.4%
Net restructured loans as a percentage of net non-performing loans					19.6%

If there is a failure to meet payment or other terms of a restructured loan, it may be considered a failed restructuring, in which case it is no longer classified as a restructured loan.

**Non-Performing Loan Strategy**

Our non-performing loan strategy is focused on early problem recognition and active remedial management efforts. Because we are involved primarily in working capital finance with respect to wholesale loans, we track our borrowers' performance and liquidity on an ongoing basis. This enables us to define remedial strategies proactively and manage our exposures to industries or customers that we believe are displaying deteriorating credit trends. Relationship managers drive the recovery effort together with strong support from the credit group in the corporate office in Mumbai. Recovery is pursued vigorously through the legal process, enforcement of collateral, negotiated one-time settlements and other similar strategies. The particular strategy pursued depends upon the level of cooperation of the borrower and on our assessment of the borrower's management integrity and long-term viability.

**Table of Contents****Allowance for Credit Losses on Loans**

The following table sets forth, for the periods indicated, movements in our allowance for credit losses:

	2006	2007	For the years ended March 31, 2008 (in millions)	2009	2010
Specific allowance for credit losses at the beginning of the period	Rs. 3,492.8	Rs. 3,204.6	Rs. 4,224.2	Rs. 5,841.6	Rs. 13,220.6
Additions to allowance for credit losses for the period including on acquisition of CBoP:					
Retail	4,762.6	6,969.0	10,317.8	21,063.6	18,147.6
Wholesale	41.5	11.8	44.0	5,812.9	2,827.8
Less allowances no longer required on account of recoveries	(275.1)	(72.1)	(98.2)	(245.7)	(1,391.5)
Allowance no longer required on account of write-offs	(4,817.2)	(5,889.1)	(8,646.2)	(19,251.8)	(18,984.2)
Specific allowance for credit losses at the end of period	Rs. 3,204.6	Rs. 4,224.2	Rs. 5,841.6	Rs. 13,220.6	Rs. 13,820.3
Unallocated allowance for credit losses at the beginning of the period	Rs. 1,945.7	Rs. 2,448.7	Rs. 3,790.3	Rs. 6,894.4	Rs. 11,330.3
Additions during the period	503.0	1,341.6	3,104.1	4,435.9	(1,390.0)
Unallocated allowance for credit losses at the end of the period	Rs. 2,448.7	Rs. 3,790.3	Rs. 6,894.4	Rs. 11,330.3	Rs. 9,940.3
Total allowance for credit losses at the beginning of the period	Rs. 5,438.5	Rs. 5,653.3	Rs. 8,014.5	Rs. 12,736.0	Rs. 24,550.9
Allowance no longer required on account of write-offs	(4,817.2)	(5,889.1)	(8,646.2)	(19,251.8)	(18,984.2)
Net addition to total allowance for the period charged to expense	5,032.0	8,250.3	13,367.7	31,066.7	18,193.9
Total allowance for credit losses at the end of the period	Rs. 5,653.3	Rs. 8,014.5	Rs. 12,736.0	Rs. 24,550.9	Rs. 23,760.6

The following table sets forth, for the periods indicated, the allocation of the total allowance for credit losses:

	2006	2007	As of March 31, 2008 (in millions)	2009	2010
<b>Wholesale</b>					
Allocated	Rs. 1,543.1	Rs. 1,456.7	Rs. 1,368.6	Rs. 3,806.1	Rs. 4,610.8
Unallocated	703.1	626.9	491.4	814.0	985.4
Subtotal	2,246.2	2,083.6	1,860.0	4,620.1	5,596.2
<b>Retail</b>					
Allocated	1,661.5	2,767.5	4,473.0	9,414.5	9,209.5
Unallocated	1,745.6	3,163.4	6,403.0	10,516.3	8,954.9
Subtotal	3,407.1	5,930.9	10,876.0	19,930.8	18,164.4

Edgar Filing: HDFC BANK LTD - Form 20-F

Allowance for credit losses	Rs. 5,653.3	Rs. 8,014.5	Rs. 12,736.0	Rs. 24,550.9	Rs. 23,760.6
-----------------------------	-------------	-------------	--------------	--------------	--------------

**Table of Contents****MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

*You should read the following discussion and analysis of our financial condition and results of operations together with our audited financial statements included in this report. The following discussion is based on our audited financial statements, which have been prepared in accordance with U.S. GAAP, and on information publicly available from the RBI and other sources.*

**Introduction****Overview**

We are a new generation private sector bank in India. Our principal business activities are retail banking, wholesale banking and treasury operations. Our retail banking division provides various products such as deposit products, loans, credit cards, debit cards, third-party mutual funds and insurance products, investment advice, bill payment services and other services. Through our wholesale banking operations we provide products such as loans, deposit products, documentary credits, guarantees, bullion trading, debt syndication services and foreign exchange and derivative products. We also provide cash management services, clearing and settlement services for stock and commodity exchanges, tax and other collections for the government, custody services and correspondent banking services. Our Treasury Group manages our balance sheet and our foreign exchange and derivative products.

Since fiscal 2003, we have experienced significant growth in our customer and geographical base, expanding from 3.4 million customers as of March 31, 2003 to 19.0 million customers as of March 31, 2010. In line with this increase, we have increased our loans to customers from Rs. 120.2 billion in fiscal 2003 to Rs. 1,320.9 billion in fiscal 2010. Our merger with Centurion Bank of Punjab Ltd. (CBoP) became effective on May 23, 2008. Accordingly, our financial condition at March 31, 2009 and our results of operations for the year then ended reflect our merger with CBoP. The figures for fiscal 2009 reflect the operations of the merged entity for the 313 day period ended March 31, 2009 and are hence not comparable with fiscals 2008 and 2010. See [Merger of Centurion Bank of Punjab](#) for a discussion of the merger.

Our revenue consists of interest and dividend revenue as well as non-interest revenue. Our interest and dividend revenue is primarily generated by interest on loans, dividends from securities and other activities. We offer a range of loans to retail customers and offer working capital and term loans to corporate customers. The primary components of our securities portfolio are statutory liquidity ratio investments, credit substitutes and other investments. Statutory liquidity ratio investments principally consist of Government of India treasury securities. Credit substitutes, principally consisting of our investments in commercial paper, debentures and preference shares issued by corporations, are part of the financing products we provide to our customers. Other investments include investment grade bonds issued by public sector undertakings and public financial institutions principally to meet RBI directed lending requirements, asset backed securities, mortgage-backed securities as well as equity securities and units of mutual funds. Interest revenue from other activities consists primarily of interest on our placements made to comply with the extant Reserve Bank of India guidelines on shortfall in directed lending sub-limits and interest from inter-bank loans.

Two important measures of our results of operations are net interest revenue, which is equal to our interest and dividend revenue net of interest expense, and net interest revenue after allowance for credit losses. Interest expense includes interest on deposits as well as on borrowings. Our interest revenue and expense are affected by fluctuations in interest rates as well as volume of activity. Our interest expense is also affected by the extent to which we fund our activities with low-interest and non-interest bearing deposits (including the float on transactional services), and the extent to which we rely on borrowings. Our allowance for credit losses is comprised of specific and unallocated allowances for loan loss. Impairments of credit substitutes are not included in our loan-loss provision, but are reflected in our earnings as realized losses.

We also use net interest margin and spread to measure our results. Net interest margin represents the ratio of net interest revenue to average interest-earning assets. Spread represents the difference between yields on average interest-earning assets and the cost of average interest-bearing liabilities including current accounts which are non-interest bearing.

Our non-interest revenue includes fee and commission income, realized gains and losses on sales of securities and spread from foreign exchange and derivative transactions, income from affiliates and profit on securitization of assets. Our principal sources of fee and commission revenue are retail banking services, retail asset fees and charges, credit card fees, home loan sourcing commission, cash management services, documentary credits and bank guarantees, distribution of third party mutual funds and insurance products and capital market services.

Our non-interest expense includes expenses for salaries and staff benefits, premises and equipment, depreciation and amortization, administrative and other expenses and amortization of intangible assets. The costs of outsourcing back office and other functions are included in administrative and other expenses.



---

## **Table of Contents**

Our financial condition and results of operations are affected by general economic conditions prevailing in India. For India, the RBI estimates the GDP growth at 8.5% for fiscal 2011 against an average growth rate of around 8% over the last few years.

### **Merger of Centurion Bank of Punjab**

During fiscal 2009, the Reserve Bank of India accorded its consent to the Scheme of Amalgamation of Centurion Bank of Punjab Limited ( CBoP ) with HDFC Bank Limited. Pursuant to the order of amalgamation, the operations of both banks were merged with effect from May 23, 2008. On June 24, 2008 our Share Allotment Committee approved the allocation of 69,883,956 equity shares of Rs. 10.00 each to the shareholders of CBoP pursuant to the share swap ratio of one equity share of Rs. 10/- each of HDFC Bank Limited for every twenty nine equity shares of Rs. 1.00 each held in CBoP by them as on the record date viz. June 16, 2008. The amalgamation was accounted for as a business combination under the purchase method of accounting.

### **Critical Accounting Policies**

We have set forth below some of our critical accounting policies under U.S. GAAP. Readers should keep in mind that we prepare our general purpose financial statements in accordance with Indian GAAP and also report to the RBI and the Indian stock exchanges in accordance with Indian GAAP. In certain circumstances, we may take action that is required or permitted by Indian banking regulations which may have different consequences under Indian and U.S. GAAP.

#### ***Allowance for Loan Losses***

Our allowance for credit losses is based on our best estimate of losses inherent in our loan portfolio and consists of our allowances for retail loans and wholesale loans.

##### ***Retail Loans***

We establish specific and unallocated allowances for our retail loans. We establish a specific allowance on the retail loan portfolio based on factors such as the nature of the product, delinquency levels or the number of days the loan is past due, the nature of the security available and loan-to-value ratios. The loans are charged off against allowances at defined delinquency levels. We also establish unallocated allowances for each of our retail loan products. Our methodology for calculation of unallocated allowances for our retail lending book is based on a flow-rate model with an observation period of the last 12 months.

Our flow rate model reflects any recent deterioration that might have occurred due to either macro-economic changes or any other changes specific to the product or segment. We do not enter into any risk mitigation transactions such as insurance arrangements, credit default agreements or credit derivatives for our retail loans. More than half of our retail exposures are through standard fixed rate equated monthly installment based repayments, where the customer repays the loan amount gradually over the tenor of the loan. We also have some exposures through overdraft facilities and through credit cards. Most of our mortgage loans are based on floating rates of interest and exclude product offerings which may have adjustable rate mortgage products, high loan to value mortgages or junior liens. Our exposures are primarily to the prime retail segment and we do not extend loans to what would be regarded as the sub-prime segment in the Indian market context. A majority of our mortgages are at loan-to-values (LTVs) of below 70%.

The estimation for allowances is done separately for each significant product of our retail lending book. Usually, we have separate products for facilities or customer profiles. In fiscal 2009, we accelerated the charge-off for certain of our unsecured facilities, to recognize upfront the deterioration in loans that are on a non-accrual status.

We have witnessed a decrease in delinquent loans recently in some of our retail products. This decrease is partly attributable to the improvement in the liquidity position coupled with an overall favourable economic environment and partly to the run off of the CBOP loan portfolios that exhibited higher loan losses than comparable products in our loan book in the previous fiscal. No fresh disbursements were made on these CBOP portfolios with the result that these loans were on a run off mode.

##### ***Wholesale Loans***

We evaluate our wholesale loan portfolio on a periodic basis and grade our accounts considering both qualitative and quantitative criteria using a credit risk grading system. Although we believe our grading and surveillance process is comprehensive, it is inherently subjective as it is based on information we have available and requires us to exercise judgment in determining a borrower's grading and therefore may not be accurate in all cases. Our grading is subject to revision as more information becomes available. Our lending in the wholesale business is largely predicated

## Edgar Filing: HDFC BANK LTD - Form 20-F

on the cash flows emanating from the business of the borrower and to a lesser degree on the potential recovery out of any collateral that may be obtained.

---

## **Table of Contents**

We establish unallocated allowances for performing wholesale loans based on internal estimates of credit losses, inherent in the portfolio. The inherent credit losses of the portfolio are reflected by the distribution of underlying exposures across various risk grades. Each risk grade in the credit risk grading system corresponds to a historically observed long run average one year default rate. The internal estimates of credit losses factors in these default rates and the historically observed weighted average loss given default rates. The latter is based on our post-default recoveries in past impaired credits, appropriately discounted for time value.

Wholesale loans that experience insignificant payment delays and payment shortfalls are generally not classified as impaired but are placed on surveillance and closely monitored for deterioration. We determine the significance of payment delays and payment shortfalls on a case-by-case basis, taking into consideration all of the circumstances surrounding the loan and the borrower, including the length of the delay, the reasons for the delay, the borrower's prior payment record and the amount of the shortfall in relation to the principal and interest owed.

We consider wholesale loans to be impaired when it is probable that we will be unable to collect scheduled payments of principal or interest when due. In arriving at our estimate, we consider the borrower's payment status, financial condition and the value of collateral we hold. Impaired credits are put on a non-accrual basis. Impairment is measured for each non-performing wholesale banking customer for the aggregate of all wholesale loans made to that customer. For this aggregate funded exposure on the non-performing wholesale loan customer we establish a specific allowance. This allowance is based on either the present value of expected future cash flows discounted at the loan's effective interest rate or the net realizable value of any collateral we hold. Our estimate of future cash flows from a borrower is inherently subjective as it is based on our expectations of the probability and timing of default. Our estimate of the net realizable value of any collateral we hold is also subjective, as the collateral we hold is generally working capital related such as book debt or inventory.

### ***Interest Accrual and Revenue Recognition***

Interest income from loans is recognized on an accrual basis when earned, except with respect to loans placed on non-accrual status, for which interest income is recognized when received. Beginning in fiscal 2004, loans have been placed on non-accrual status when they are past due for more than one quarter. Prior to that time, loans were generally placed on non-accrual status when they were past due for more than two quarters. We generally do not charge up-front loan origination fees. Nominal application fees are charged, which offset the related costs incurred.

Customer acquisition costs are deferred and amortized as a yield adjustment over the life of the loan.

Fees and commissions from guarantees issued are amortized over the contractual period of the commitment, provided the amounts are collectible.

Dividends from investments are recognized when declared.

Realized gains and losses on sales of securities are recorded on the trade date and are determined using the weighted average cost method.

Other fees and income are recognized when earned, which is when the service that results in the income has been provided.

### ***Valuation of Investments***

Investments consist of securities purchased as part of our treasury operations, such as government securities and other debt and equity securities, investments purchased as part of our wholesale banking operations, such as credit substitute securities issued by our wholesale banking customers, which include commercial paper, short-term debentures and preference shares and asset and mortgage backed securities.

Securities that are held principally for resale in the near term are classified as held for trading ( HFT ), with changes in fair value recorded in earnings.

Debt securities that management has the positive intent and ability to hold to maturity are classified as held to maturity ( HTM ).

Securities with fair values that are not classified as held to maturity or held for trading are classified as available for sale ( AFS ). Unrealized gains and losses on such securities, net of applicable taxes, are reported in accumulated other comprehensive income (loss), a separate component of shareholders' equity.





## **Table of Contents**

We generally report our investments in debt and equity securities at fair value, except for debt securities classified as HTM securities, which are reported at amortized cost. Fair values are based on market quotations where a market quotation is available and otherwise based on present values at current interest rates for such investments.

Declines in the fair values of held to maturity and available for sale securities below their carrying value that are other than temporary are reflected in earnings as realized losses, based on management's best estimate of the fair value of the investment. We identify other than temporary declines based on an evaluation of all significant factors, including the length of time and extent to which fair value is less than carrying value and the financial condition and economic prospects of the issuer. Estimates of any declines in the fair values of credit substitute securities that are other than temporary are measured on a case-by-case basis together with loans to those customers. We do not recognize impairment for debt securities if the cause of the decline is related solely to interest rate increases and where we have the ability and intent to hold the security until the forecasted recovery. Additional disclosures have been provided on impairment status in Note 8 and on concentrations of credit risk in Note 12 of the Financial Statements.

### ***Business combination***

We account for acquired businesses using the purchase method of accounting which requires that the assets acquired and liabilities assumed be recorded at the date of acquisition at their respective fair values. The application of the purchase method requires certain estimates and assumptions especially concerning the determination of the fair values of the acquired intangible assets and property, plant and equipment as well as the liabilities assumed at the date of the acquisition. Moreover the useful lives of the acquired intangible assets, property, plant and equipment have to be determined. The judgments made in the context of the purchase price allocation can materially impact our future results of operations. Accordingly, for significant acquisitions, we obtain assistance from third party valuation specialists. The valuations are based on information available at the acquisition date. As such, the historical cost basis of individual assets and liabilities are adjusted to reflect their fair value in accordance with FASB ASC 805 Business combinations (formerly SFAS No. 141 (revised 2007), Business combinations). Our acquisition of CBoP was accounted for in accordance with SFAS No. 141, Business combinations, which was the then applicable accounting standard.

### ***Goodwill and other intangibles***

Goodwill arising from a business combination is not amortized but is tested for impairment in accordance with FASB ASC 350-20 Goodwill (formerly SFAS No. 142, Goodwill and other intangible assets). Under applicable accounting guidance, goodwill is reviewed at the reporting unit level for potential impairment at least on an annual basis at the end of the reporting period, or more frequently if events or circumstances indicate a potential impairment. This analysis is a two-step process. The first step of the goodwill impairment test compares the fair value of the reporting unit with its carrying amount, including goodwill. If the fair value of the reporting unit exceeds its carrying amount, then the goodwill of the reporting unit is considered not impaired; however, if the carrying amount of the reporting unit exceeds its fair value, the second step must be performed. The second step involves calculating an implied fair value of goodwill for each reporting unit for which the first step indicated possible impairment. The implied fair value of goodwill is determined in the same manner as the amount of goodwill recognized in a business combination, which is the excess of the fair value of the reporting unit, as determined in the first step, over the aggregate fair values of the individual assets, liabilities and identifiable intangibles as if the reporting unit was being acquired in a business combination. The adjustments to measure the assets, liabilities and intangibles at fair value are for the purpose of measuring the implied fair value of goodwill and such adjustments are not reflected in the consolidated balance sheet. If the implied fair value of goodwill exceeds the goodwill assigned to the reporting unit, there is no impairment. If the goodwill assigned to a reporting unit exceeds the implied fair value of the goodwill, an impairment charge is recorded for the excess. An impairment loss recognized cannot exceed the amount of goodwill assigned to a reporting unit, and the loss establishes a new basis in the goodwill. Subsequent reversal of goodwill impairment losses is not permitted under applicable accounting standards. We examined our goodwill that had arisen on acquisition of CBoP for possible impairment as of March 31, 2010. The results of the first step of the impairment test showed no indication of impairment. Accordingly we did not perform the second step of impairment test.

Intangible assets consist of branch network, customer list, core deposit intangibles and favorable leases. These are amortized over their estimated useful lives. Amortization of intangible assets is computed in a manner that best reflects the economic benefits of the intangible assets as follows:

	Useful lives (years)	Amortization method
Branch network	6	Straight-line

Edgar Filing: HDFC BANK LTD - Form 20-F

Customer relationship	2	Straight-line
Core deposit	5	Straight-line
Favorable leases	15	Straight-line

For intangible assets subject to amortization, impairment is recognized if the carrying amount is not recoverable and the carrying amount exceeds the fair value of the intangible asset.

---

## **Table of Contents**

### ***Fair Value Measurements***

FASB Accounting Standards Codification ASC 820 (Topic 820) Fair Value Measures and Disclosures (formerly SFAS No. 157 ), establishes a fair value hierarchy structure that prioritizes the inputs to valuation techniques used to determine the fair value of an asset or liability. ASC 820 distinguishes between inputs that are based on observed market data and unobservable inputs that reflect market participants' assumptions. It emphasizes the use of valuation methodologies that maximize market inputs. For financial instruments carried at fair value, the best evidence of fair value is a quoted price in an actively traded market (Level 1). Where the market for a financial instrument is not active, valuation techniques are used. The majority of valuation techniques use market inputs that are either observable or indirectly derived from and corroborated by observable market data for substantially the full term of the financial instrument (Level 2). Because Level 1 and Level 2 instruments are determined by observable inputs, less judgment is applied in determining their fair values. In the absence of observable market inputs, the financial instrument is valued based on valuation techniques that feature one or more significant unobservable inputs (Level 3). The determination of the level of fair value hierarchy within which the fair value measurement of an asset or a liability is classified often requires judgment. We consider the following factors in developing the fair value hierarchy:

whether the asset or liability is transacted in an active market with a quoted market price that is readily available;

the size of transactions occurring in an active market;

the level of bid-ask spreads;

whether only a few transactions are observed over a significant period of time;

whether the inputs to the valuation techniques can be derived from or corroborated with market data; and

whether significant adjustments are made to the observed pricing information or model output to determine the fair value.

Level 1 inputs are unadjusted quoted prices in active markets that the reporting entity has the ability to access for the identical assets or liabilities. A financial instrument is classified as a Level 1 measurement if it is listed on an exchange. We regard financial instruments such as equity securities, bonds listed on the primary exchanges of a country to be actively traded.

Level 2 inputs are inputs that are observable either directly or indirectly but do not qualify as Level 1 inputs. We generally classify derivative contracts and investments in debt securities, mortgage-backed securities and asset-backed securities as Level 2 measurements. Currently, substantially all such items qualify as Level 2 measurements. Level 2 items are fair valued using quoted prices for similar assets and liabilities in active markets, and inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the financial instrument.

Level 3 inputs are unobservable estimates that management expects market participants would use to determine the fair value of the asset or liability. That is, Level 3 inputs incorporate market participants' assumptions about risk and the risk premium required by market participants in order to bear that risk. We develop Level 3 inputs based on the best information available in the circumstances.

If quoted market prices are not available, fair value is based upon internally developed models that primarily use, as inputs, observable market-based parameters. Valuation adjustments may be made to ensure that financial instruments are recorded at fair value. These adjustments may include amounts to reflect counterparty credit quality, among other things, as well as unobservable parameters. Any such valuation adjustments are applied consistently over time.

We review and update our fair value hierarchy classifications semi-annually. Changes from one half year to the next related to the observability of inputs to a fair value measurement may result in a reclassification between hierarchy levels. Imprecision in estimating unobservable market inputs can impact the amount of revenue, loss or changes in common shareholder's equity recorded for a particular financial instrument.

## Edgar Filing: HDFC BANK LTD - Form 20-F

Furthermore, while we believe our valuation methods are appropriate, the use of different methodologies or assumptions to determine the fair value of certain financial assets and liabilities could result in a different estimate of fair value at the reporting date. See Note 31, Fair Value Measurement for further details including the classification hierarchy associated with assets and liabilities measured at fair value.

As of March 31, 2010, our Level 3 instruments recorded at fair value on a recurring basis were available for sale securities that aggregated Rs. 642.8 million. The Level 3 instruments comprised 0.1% of our total securities portfolio and 0.1% of our total assets measured at fair value on a recurring basis, as of March 31, 2010.

There was a net decrease of Rs. 14.6 billion in the fair value of Level 3 financial instruments as of March 31, 2010 as compared to March 31, 2009. This decrease was principally on account of sales/redemptions of certificates of deposit. For the Level 3 financial instruments, net gains of Rs. 118.4 million were recognized in fiscal 2010.

## **Table of Contents**

A control framework has been established which is designed to ensure that fair values are either determined or validated by a function independent of the risk-taker. To that end, the ultimate responsibility for the validation of the valuation model rests with treasury analytics section. The valuation model is also reviewed by the market risk department. The middle office department, which functions independent of the risk taker, is responsible for reporting fair values. Wherever necessary the valuation model is vetted through independent experts. In addition, the model prices are compared with market maker quotes. The types of valuation techniques used include present value based models, Black-Scholes valuation models including variations and interest rate models as used by market practitioners. Where appropriate the models are calibrated to market prices. The models used apply appropriate control processes and procedures to ensure that the derived inputs are used to value only those instruments that share similar risk to the relevant benchmark indexes and therefore demonstrate a similar response to market factors. Market data used along with interpolation techniques are as per market conventions.

The validation process consists of an independent validation of the pricing model. The pricing model validation for significant product variants are conducted using an external validation agency or authority. In addition the model prices are also validated by comparing with market maker quotes. All market data conventions are adhered to in terms of yield curve components, volatility surfaces and calibration instruments.

### ***Income Tax***

Income tax expense/benefit consists of the current tax provision and the net change in the deferred tax asset or liability in the year.

Deferred tax assets and liabilities are recognized for the future tax consequences of temporary differences between the carrying values of assets and liabilities and their respective tax bases, and operating loss carry forwards. Deferred tax assets are recognized subject to management's judgment that realization is more likely than not. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which the temporary differences are expected to be received or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in the income statement in the period of enactment of the change.

Effective April 1, 2007, the Bank adopted the provisions of FASB ASC 740 (Formerly FASB Interpretation No. 48, Accounting for Uncertainty in Income Taxes – an interpretation of FASB Statement No. 109). FASB ASC 740 clarifies the accounting for uncertainty in income taxes recognized in an entity's financial statements and prescribes a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. It prescribes a comprehensive model for the financial statement recognition, measurement, presentation and disclosure of income tax uncertainties with respect to positions taken or expected to be taken in income tax.

### ***Recently issued accounting pronouncements not yet effective***

In June 2009, the FASB issued SFAS 166, Accounting for Transfers of Financial Assets, an amendment of FASB Statement No. 140 (now incorporated into ASC 860, Transfers and Servicing). It eliminates the concept of a qualifying special-purpose entity (QSPEs), changes the requirements for derecognizing financial assets, and requires additional disclosures. This codification is effective for fiscal years that begin after November 15, 2009. The impact on the Bank's consolidated financial statement, if any, on application of this codification with effect from April 1, 2010 is currently being evaluated.

In June 2009, the FASB issued SFAS 167, Amendments to FASB Interpretation No. 46(R) (now incorporated into ASC 810, Consolidation). This codification details three key changes to the consolidation model. First, former QSPEs will now be included in the scope of SFAS 167. In addition, the FASB has changed the method of analyzing which party to a variable interest entity (VIE) should consolidate the VIE (known as the primary beneficiary) to a qualitative determination of which party to the VIE has power combined with potentially significant benefits or losses, instead of the current quantitative risks and rewards model. The entity that has power has the ability to direct the activities of the VIE that most significantly impact the VIE's economic performance. Finally, the new standard requires that the primary beneficiary analysis be re-evaluated whenever circumstances change. The current guidance requires reconsideration of the primary beneficiary only when specified reconsideration events occur. The impact on the Bank's consolidated financial statement, if any, on application of this codification with effect from April 1, 2010 is currently being evaluated.

In August 2009, the FASB issued ASU 2009-05 to provide guidance on measuring the fair value of liabilities under ASC 820. This ASU provides clarification that in circumstances in which a quoted price in an active market for the identical liability is not available, a reporting entity is required to measure fair value using one or more of the following techniques: 1. A valuation technique that uses quoted prices for similar liabilities (or an identical liability) when traded as assets. 2. Another valuation technique that is consistent with the principles of ASC 820. This ASU also clarifies that both a quoted price in an active market for the identical liability at the measurement date and the quoted price for the identical liability when traded as an asset in an active market when no adjustments to the quoted price of the asset are required, are Level 1 fair value measurements. The guidance provided in ASU 2009-05 is effective for first reporting period (including interim periods) beginning

## Edgar Filing: HDFC BANK LTD - Form 20-F

after August 2009. The adoption of this ASU is not expected to have a material impact on the Bank's consolidated financial position or results of operations.

**Table of Contents**

In January 2010, the FASB issued ASU 2010-06 Improving Disclosures about Fair Value Measurements and Disclosures. This ASU requires disclosing the amounts of significant transfers in and out of Level 1 and 2 fair value measurements and to describe the reasons for the transfers. The disclosures are effective for reporting periods beginning after December 15, 2009. Additionally, disclosures of the gross purchases, sales, issuances and settlements activity in Level 3 fair value measurements will be required for fiscal years beginning after December 15, 2010. This ASU requires only additional disclosures and hence adoption of this ASU is not expected to have a material impact on the Bank's consolidated financial position or results of operations.

In April 2010, FASB issued ASU 2010-18, Effect of a Loan Modification When the Loan is Part of a Pool That is Accounted for as a Single Asset. This ASU provides that modifications of loans that are accounted for within a pool under ASC 310-30 do not result in the removal of those loans from the pool even if the modification of those loans would otherwise be considered a troubled debt restructuring. An entity will continue to be required to consider whether the pool of assets in which the loan is included is impaired if expected cash flows for the pool change. This update does not affect the accounting for loans that are not accounted for within pools. The guidance contained in this update is effective for interim and annual reporting periods ending on or after July 15, 2010. The impact on the Bank's consolidated financial statement, if any, on application of this codification with effect from April 1, 2010 is currently being evaluated.

In July 2010, FASB issued ASU 2010-20, Disclosures about the Credit Quality of Financing Receivables and the Allowance for Credit Losses. This ASU requires additional disclosures about a company's allowance for credit losses and the credit quality of the loan portfolio. The additional disclosures include a rollforward of the allowance for credit loss on a disaggregated basis and more information, by type of receivable, on credit quality indicators including aging and troubled debt restructurings as well as significant purchases and sales. The guidance contained in this update is effective for interim and annual reporting periods ending on or after December 15, 2010. This new accounting guidance does not change the accounting model, and accordingly, will have no impact on the Bank's consolidated financial position or results of operations.

**Fiscal Year Ended March 31, 2010 Compared to Fiscal Year Ended March 31, 2009**

During the year ended March 31, 2009, the Reserve Bank of India accorded its consent to the Scheme of Amalgamation of Centurion Bank of Punjab Limited with HDFC Bank Limited. Pursuant to the order of amalgamation, the operations of both Banks were merged with effect from May 23, 2008. Accordingly, the figures for fiscal 2009 reflect the operations of the merged entity for the 313 day period ended March 31, 2009 and are hence not comparable with fiscal 2010. The amalgamation was accounted for under the purchase method of accounting in accordance with SFAS No. 141, Business Combinations.

**Net Interest Revenue after Allowance for Credit Losses**

Our net interest revenue after allowances for credit losses increased by 19.5% from Rs. 52.5 billion in fiscal 2009 to Rs. 62.7 billion in fiscal 2010. Our net interest margin remained stable at 4.6% in fiscal 2010. The following table sets out the components of net interest revenue after allowance for credit losses:

	2009	2010	Year ended March 31, Increase/ (decrease)	% Increase/ (decrease)
		(in millions, except percentages)		
Interest on loans	Rs. 117,281.5	Rs. 118,364.5	Rs. 1,083.0	0.9%
Interest on securities, including dividends and interest on trading assets	39,019.2	37,749.8	(1,269.4)	(3.3)
Other interest revenue	2,696.1	2,537.0	(159.1)	(5.9)
<b>Total interest and dividend revenue</b>	<b>158,996.8</b>	<b>158,651.3</b>	<b>(345.5)</b>	<b>(0.2)</b>
Interest on deposits	76,748.1	69,854.0	(6,894.1)	(9.0)
Interest on short-term borrowings	5,799.6	1,420.4	(4,379.2)	(75.5)
Interest on long term debt	3,490.3	6,052.6	2,562.3	73.4
Other interest expense	76.9	393.0	316.1	411.1
<b>Total interest expense</b>	<b>86,114.9</b>	<b>77,720.0</b>	<b>(8,394.9)</b>	<b>(9.7)</b>
<b>Net interest revenue</b>	<b>Rs. 72,881.9</b>	<b>Rs. 80,931.3</b>	<b>Rs. 8,049.4</b>	<b>Rs. 11.0</b>

Less: Allowance for credit losses:



Edgar Filing: HDFC BANK LTD - Form 20-F

Retail	18,277.5	16,586.2	(1,691.3)	(9.3)
Wholesale	2,117.4	1,607.7	(509.7)	(24.1)
<b>Total</b>	<b>Rs. 20,394.9</b>	<b>Rs. 18,193.9</b>	<b>Rs. (2,201.0)</b>	<b>Rs. (10.8)</b>
<b>Net interest revenue after allowance for credit losses</b>	<b>Rs. 52,487.0</b>	<b>Rs. 62,737.4</b>	<b>Rs. 10,250.4</b>	<b>19.5%</b>

## **Table of Contents**

### ***Interest and Dividend Revenue***

Interest income on loans increased marginally by 0.9%. Our average volume of retail loans increased by 6.1% from Rs. 579.8 billion in fiscal 2009 to Rs. 615.3 billion in fiscal 2010. The retail loan book acquired on the acquisition of CBoP ran down during the year and subdued economic conditions in the first quarter of fiscal 2010 coupled with enhanced credit underwriting standards resulted in moderating the growth in volumes of our personal loans and credit cards. Our average volume of wholesale loans increased by 19.2% from Rs. 412.2 billion in fiscal 2009 to Rs. 491.1 billion in fiscal 2010.

Average volumes of our total loan book increased by 11.5% from Rs. 992.0 billion in fiscal 2009 to Rs. 1,106.5 billion in fiscal 2010. Income from the increase in average volumes of our loans was off-set by a decline in yields from an average of 11.8% in fiscal 2009 to 10.7% in fiscal 2010. Loan yields decreased as a result of the general decrease in interest rates in the banking system due to excess liquidity conditions. The wholesale loan yields decreased from 10.5% in fiscal 2009 to 7.9% in fiscal 2010 whereas the retail loan yields remained relatively stable at 12.9% in fiscal 2010 as compared to 12.7% in fiscal 2009 largely due to a moderated growth in the volumes in the unsecured retail loans portfolio.

Interest on securities, including dividends, decreased by 3.3% from Rs. 39.0 billion in fiscal 2009 to Rs. 37.7 billion in fiscal 2010 due to a decrease in yields from 7.4% in fiscal 2009 to 6.4% in fiscal 2010.

Other interest revenue decreased by 5.9% for fiscal 2010 compared to fiscal 2009 mainly due to a decrease in earnings from interbank funds since in fiscal 2009 we had relatively higher surplus funds during the liquidity crisis which we then lent in the interbank market. This was partially offset by an increase in interest from our placements with the central government bodies. These placements are made to comply with the extant Reserve Bank of India guidelines on shortfalls in directed lending sub-limits.

### ***Interest Expense***

Our interest expense on deposits decreased by 9.0% from Rs. 76.7 billion in fiscal 2009 to Rs. 69.9 billion in fiscal 2010. Our average cost of deposits decreased from 5.6% in fiscal 2009 to 4.7% in fiscal 2010 as a result of an increase in the proportion of average current and savings account balances to average total deposits from 41.3% to 47.4%. In addition there was a decrease in the average cost of time deposits from 8.5% in fiscal 2009 to 7.4% in fiscal 2010. The high cost deposit book of CBoP and the time deposits raised in the second and third quarter of fiscal 2009 also matured or were re-priced. There was an increase in the average volume of our current and savings accounts from Rs. 563.3 billion in fiscal 2009 to Rs. 710.1 billion in fiscal 2010 and a decrease in the average volume of our time deposits from Rs. 800.4 billion in fiscal 2009 to Rs. 788.4 billion in fiscal 2010.

Our interest expense on short-term borrowings decreased by 75.5% from Rs. 5.8 billion in fiscal 2009 to Rs. 1.4 billion in fiscal 2010 mainly on account of a decline in our cost of short-term borrowings from 6.2% in fiscal 2009 to 3.6% in fiscal 2010 added to the fact that our average volumes of short-term borrowings declined by 46.7% from 94.9 billion in fiscal 2009. Our interest expense on long-term debt increased by 73.4%. This is largely attributable to lower and upper tier II debt capital we raised in the second half of fiscal 2009. Our average volumes of long term-debt increased from Rs. 43.5 billion in fiscal 2009 to Rs. 72.4 billion in fiscal 2010.

### ***Allowance for Credit Losses***

Our loan loss allowance for credit losses consists of specific and unallocated components. Allowances for credit losses decreased by 10.8% from Rs. 20.4 billion in fiscal 2009 to Rs. 18.2 billion in fiscal 2010.

Fiscal 2010 witnessed an improvement in the liquidity position and an overall favourable economic environment vis-à-vis the stress seen due to the financial crises the economy faced in the previous year. This period of relatively easy liquidity and improvised borrower repayment capacity were the primary drivers in bettering our collections. There was also a run-down of over Rs. 17 billion in the retail loan book acquired from CBoP. These factors were largely attributable for the decline of 9.3% in the retail loan loss allowance which decreased from Rs. 18.3 billion in fiscal 2009 to Rs. 16.6 billion in fiscal 2010 and 24.1% in the wholesale loan loss allowance which decreased from Rs. 2.1 billion in fiscal 2009 to Rs. 1.6 billion in fiscal 2010.

**Table of Contents****Non-Interest Revenue**

Our non-interest revenue increased by 27.7% from Rs. 33.6 billion in fiscal 2009 to Rs. 42.9 billion in fiscal 2010. The following table sets forth the components of our non-interest revenue:

	Year ended March 31,			
	2009	2010	Increase/ (decrease)	% Increase/ (decrease)
	(in millions, except percentages)			
Fees and commissions	Rs. 25,672.1	Rs. 30,469.3	Rs. 4,797.2	18.7%
Realized gains on AFS securities	2,827.5	4,129.4	1,301.9	46.0
Trading securities gains, net	1,114.2	100.2	(1,014.0)	(91.0)
Foreign exchange transactions	4,703.9	5,091.6	387.7	8.2
Derivatives	(2,063.8)	2,911.0	4,974.8	*
Other	1,349.1	198.2	(1,150.9)	(85.3)
<b>Total non-interest revenue</b>	<b>Rs. 33,603.0</b>	<b>Rs. 42,899.7</b>	<b>Rs. 9,296.7</b>	<b>27.7%</b>

\* Not meaningful

Fees and commissions increased by 18.7%; those generated by the retail segment increased by 22.5% while those generated by the wholesale segment decreased by 0.9%. The increase in those generated by the retail segment was primarily because of a growth in service and processing fees and charges on retail asset products. Such fees and charges were primarily comprised of charges on check returns, processing fees on new loans and foreclosure charges. There was an increase in credit card fees due to higher late payment charges and interchange income. Our fees from the sourcing of home loans increased considerably. Fees and commissions earned from our wholesale segment decreased mainly on account of a drop in our loan processing and placement fees which was partially off-set by higher processing fees on our custodial services.

Realized gains on AFS securities and trading securities were primarily from the sale of government securities. These gains were crystallized as market yields lowered.

Income from foreign exchange and derivative transactions were driven primarily by spreads on customer transactions based on trade flows and hedging needs of our customers. These revenues were distributed across our corporate and retail customer segments for plain vanilla foreign exchange products and across our corporate customer segment for derivative products. We also had lower fair value adjustments during fiscal 2010 as compared to fiscal 2009 reflective of the lower credit spreads and relative stable economic environment in fiscal 2010.

**Non-Interest Expense**

Our non-interest expense was comprised of the following:

	Year ended March 31,					
	2009	2010	Increase/ (decrease)	% Increase/ (decrease)	2009 % of net revenues	2010 % of net revenues
	(in millions, except percentages)					
Salaries and staff benefits	Rs. 29,169.0	Rs. 31,665.9	Rs. 2,496.9	8.6%	33.9%	30.0%
Premises and equipment	8,650.7	11,033.2	2,382.5	27.5	10.0	10.4
Depreciation and amortization	3,731.4	4,133.7	402.3	10.8	4.3	3.9
Administrative and other	18,332.8	17,808.6	(524.2)	(2.9)	21.4	16.9
Amortization of intangibles	3,271.0	3,769.5	498.5	15.2	3.8	3.6
<b>Total non-interest expense</b>	<b>Rs. 63,154.9</b>	<b>Rs. 68,410.9</b>	<b>Rs. 5,256.0</b>	<b>8.3%</b>	<b>73.4%</b>	<b>64.8%</b>

## Edgar Filing: HDFC BANK LTD - Form 20-F

Total non-interest expense increased by 8.3% from Rs. 63.2 billion in fiscal 2009 to Rs. 68.4 billion in fiscal 2010. As a percentage of our net revenues, non-interest expense was 64.8% in fiscal 2010 as compared to 73.4% in fiscal 2009.

As of March 31, 2010 we had 1,725 branches and 4,232 ATMs across 779 locations, which increased from 1,413 branches and 3,295 ATMs across 528 locations as of March 31, 2009. This led to an overall increase in our non-interest expense.

**Table of Contents**

Salaries and staff benefits increased by 8.6% from Rs. 29.2 billion in fiscal 2009 to Rs. 31.7 billion in fiscal 2010. This increase was primarily attributable to charge on account of stock based compensation. Fringe Benefit Tax ( FBT ) on Employee Stock Options was payable on all stock options that were exercised on or after April 1, 2007. However, Government of India vide Finance (No. 2) Act 2009 dated August 19, 2009 withdrew FBT with effect from April 1, 2009. This modification led to a charge of Rs. 1.2 billion during fiscal 2010. Salaries and staff benefits other than stock based compensation increased marginally by 3.9% as we realized increased efficiencies on the acquisition of CBoP.

Premises and equipment costs increased on account of an increase in rent, electricity, housekeeping, security and other infrastructure costs relating to the expanded branch network.

Depreciation and amortization expenses increased due to the increase in the branch network/ATMs and higher spending on technology and infrastructure to support our growth.

Administrative and other expenses decreased primarily on account of a reduction in our marketing costs.

We continued to amortize the intangible assets that were acquired on the merger of CBoP customer relationships, a branch network, core deposits and favorable leases over their estimated remaining useful life. This amortization resulted in a charge of Rs. 3.8 billion for fiscal 2010 as compared to Rs. 3.3 billion in fiscal 2009.

**Income Tax**

Our income tax expense increased by 59.5% from Rs. 7.7 billion in fiscal 2009 to Rs. 12.3 billion in fiscal 2010. Our effective tax rate was 33.7% in fiscal 2009 and 33.1% in fiscal 2010. The effective tax rate was lower in fiscal 2010 primarily on account of higher tax-free income from our investments in mutual fund units.

The following table gives a reconciliation of Indian statutory income tax rate to our annual effective income tax rate for fiscals 2009 and 2010:

	<b>Years ended March 31,</b>	
	<b>2009</b>	<b>2010</b>
Effective statutory income tax rate	33.99%	33.99%
Adjustments to reconcile statutory income tax rate to effective income tax rate:		
Stock-based compensation (net of forfeitures)	3.16	3.27
Income exempt from taxes	(3.68)	(4.11)
Other, net	(0.27)	(0.01)
Annual effective income tax rate	33.74%	33.14%

**Net Income**

As a result of the foregoing factors, our net income after taxes increased by 62.7% from Rs. 15.1 billion in fiscal 2009 to Rs. 24.6 billion in fiscal 2010.

**Fiscal Year Ended March 31, 2009 Compared to Fiscal Year Ended March 31, 2008**

During the year ended March 31, 2009, the Reserve Bank of India accorded its consent to the Scheme of Amalgamation of Centurion Bank of Punjab Limited with HDFC Bank Limited. Pursuant to the order of amalgamation the operations of both Banks were merged with effect from May 23, 2008. Accordingly, the figures for fiscal 2009 reflect the operations of the merged entity for the 313 day period ended March 31, 2009 and are hence not comparable with those for fiscal 2008. The amalgamation was accounted for under the purchase method of accounting in accordance with SFAS No. 141, Business Combinations .

**Table of Contents****Net Interest Revenue after Allowance for Credit Losses**

Our net interest revenue after allowances for credit losses increased by 26.6 % from Rs. 41.5 billion in fiscal 2008 to Rs. 52.5 billion in fiscal 2009. Our net interest margin decreased from 5.1% in fiscal 2008 to 4.6% in fiscal 2009. The following table sets out the components of net interest revenue after allowance for credit losses:

	Year ended March 31,			
	2008	2009	Increase/ (decrease)	% Increase/ (decrease)
	(in millions, except percentages)			
Interest on loans	Rs. 72,595.9	Rs. 117,281.5	Rs. 44,685.6	61.6%
Interest on securities, including dividends and interest on trading assets	28,710.7	39,019.2	10,308.5	35.9
Other interest revenue	2,943.1	2,696.1	(247.0)	(8.4)
Total interest and dividend revenue	104,249.7	158,996.8	54,747.1	52.5
Interest on deposits	42,667.1	76,748.1	34,081.0	79.9
Interest on short-term borrowings	4,093.6	5,799.6	1,706.0	41.7
Interest on long term debt	2,646.0	3,490.3	844.3	31.9
Other interest expense	7.3	76.9	69.6	953.4
Total interest expense	49,414.0	86,114.9	36,700.9	74.3
Net interest revenue	Rs. 54,835.7	Rs. 72,881.9	Rs. 18,046.2	Rs. 32.9
<b>Less: Allowance for credit losses:</b>				
Retail	13,606.5	18,277.5	4,671.0	34.3
Wholesale	(238.8)	2,117.4	2,356.2	*
Total	Rs. 13,367.7	Rs. 20,394.9	Rs. 7,027.2	Rs. 52.6
Net interest revenue after allowance for credit losses	Rs. 41,468.0	Rs. 52,487.0	Rs. 11,019.0	26.6%

\* Not meaningful

**Interest and Dividend Revenue**

Interest on loans increased by 61.6% as average volume of loans increased by 54.7% from Rs. 641.4 billion in fiscal 2008 to Rs. 992.0 billion in fiscal 2009. Our average volume of retail loans increased by 60.3% from Rs. 361.8 billion in fiscal 2008 to Rs. 579.8 billion in fiscal 2009. The key retail loan products that contributed to our retail loan growth were home loans, personal loans, auto loans and business banking loans. The increase in our business banking portfolio and home loans was largely attributable to loans acquired because of the merger with the erstwhile Centurion Bank of Punjab. During the second half of fiscal 2009, the Bank upped its credit underwriting standards, which moderated volumes of unsecured loans.

Our average volume of wholesale loans increased by 47.4% from Rs. 279.6 billion in fiscal 2008 to Rs. 412.2 billion in fiscal 2009 due to increased lending to existing customers as well as new customer acquisitions. The key wholesale divisions which contributed to our wholesale loan growth were the corporate banking group, emerging corporate group and financial institutions group. Commodity advances were lower following a sharp fall in commodity prices. Wholesale advances grew at a lower pace due to credit concerns in the environment and also on account of lower borrowings by corporate entities as a result of a slowdown in the economy.

Yields on our loans increased marginally from an average of 11.3% in fiscal 2008 to 11.8% in fiscal 2009. Loan yields increased as a result of the general increase in interest rates in the banking system. The wholesale loan yields increased from 9.2% in fiscal 2008 to 10.5% in fiscal 2009 whereas the retail loan yields decreased from 12.9% to 12.7% in the same period largely due to an increase in the secured retail loans portfolio.

## Edgar Filing: HDFC BANK LTD - Form 20-F

Interest on securities, including dividends, increased by 35.9% from Rs. 28.7 billion in fiscal 2008 to Rs. 39.0 billion in fiscal 2009 due to an increase in the overall average volume of investments by 34.7% and a rise in yields from 7.3% in fiscal 2008 to 7.4% in fiscal 2009.

Other interest revenue decreased by 8.4% for fiscal 2009 compared to fiscal 2008 mainly due to a decrease in earnings from interbank funds. This was partially offset by an increase in interest from our placements with the central government bodies. These placements are made to comply with the extant Reserve Bank of India guidelines on shortfall in priority sector lending sub-limits. These placements increased by Rs. 25.5 billion, of which Rs. 9.3 billion were acquired upon the merger with the erstwhile Centurion Bank of Punjab.

**Table of Contents****Interest Expense**

Our interest expense on deposits increased by 79.9% from Rs. 42.7 billion in fiscal 2008 to Rs. 76.7 billion in fiscal 2009. Our average cost of deposits increased from 4.7% in fiscal 2008 to 5.6% in fiscal 2009 as a result of a decline in the proportion of average current and savings account balances to average total deposits from 51.7% to 41.3% and an increase in the average cost of time deposits from 8.4% in fiscal 2008 to 8.5% in fiscal 2009. The time deposits rates peaked during the latter half of fiscal 2009 primarily on account of tighter liquidity conditions. The higher returns from time deposits made the depositors cannibalize savings balances to time deposits. The increase in the cost of time deposits was also attributable to the high cost deposit book of the erstwhile Centurion Bank of Punjab. The current and savings accounts also dropped due to lesser floats in fiscal 2009 on account of fewer initial public offerings, and lower capital market floats on account of adverse market conditions.

Our interest expense on short-term borrowings increased by 41.7%, as a result of an increase in average inter-bank borrowings by 36.5% in fiscal 2009. Our average cost of short-term borrowing also increased from 5.9% in fiscal 2008 to 6.2% in fiscal 2009. Our interest expense on long-term debt increased by 31.9%. This is largely attributable to the Lower and Upper Tier II debt capital of Rs. 28.8 billion, which we raised in fiscal 2009 at a weighted average rate of 10.4%.

**Allowance for Credit Losses**

Allowances for credit losses increased by 52.6% during fiscal 2009 over fiscal 2008. Our loan loss allowance for the retail portfolio consists of specific and unallocated allowances. Delinquencies in our credit card portfolio and personal loans were mainly responsible for the increase of 34.3% in the retail loan loss allowance, which increased from Rs. 13.6 billion during fiscal 2008 to Rs. 18.3 billion during fiscal 2009.

The allowance for wholesale loans consists of specific and unallocated components. Delinquencies in the portfolio acquired on account of the merger led to the need of a higher allowance for loan losses. The loan loss allowance for the wholesale portfolio increased to Rs. 2.1 billion during fiscal 2009 as compared to a write-back of Rs. 0.2 billion during fiscal 2008.

**Non-Interest Revenue**

Our non-interest revenue increased by 65.2% from Rs. 20.3 billion in fiscal 2008 to Rs. 33.6 billion in fiscal 2009. The following table sets forth the components of our non-interest revenue:

	2008	Year ended March 31,		% Increase/ (decrease)
		2009	Increase/ (decrease)	
(in millions, except percentages)				
Fees and commissions	Rs. 18,443.1	Rs. 25,672.1	Rs. 7,229.0	39.2%
Realized gains on AFS securities	168.4	2,827.5	2,659.1	1,579.0
Trading securities gains, net	243.3	1,114.2	870.9	358.0
Foreign exchange	1,445.0	4,703.9	3,258.9	225.5
Derivative transactions	(1,054.9)	(2,063.8)	(1,008.9)	*
Other	1,101.7	1,349.1	247.4	22.5
<b>Total non-interest revenue</b>	<b>Rs. 20,346.6</b>	<b>Rs. 33,603.0</b>	<b>Rs. 13,256.4</b>	<b>65.2%</b>

\* Not meaningful

Fees and commissions increased by 39.2%; those generated by the retail segment increased by 34.7% and those generated by the wholesale segment increased by 66.9%. The increase in those generated by the retail segment was primarily because of a growth in service and processing fees and charges on retail asset products. Such fees and charges were primarily comprised of charges on check returns, processing fees on new loans and foreclosure charges. There was an increase in credit card fees due to higher late payment charges, interchange income and over limit fees. Our fees from the distribution of third party mutual funds and insurance products increased considerably. Fees and commissions earned from our wholesale segment increased on account of higher cash management volumes and an increase in the volumes of our documentary credit facilities and bank guarantees.



## Edgar Filing: HDFC BANK LTD - Form 20-F

Realized gains on AFS securities and trading securities were primarily from the sale of government securities.

Foreign exchange income increased primarily due to an increase in the volume of foreign exchange transactions in the retail segment. The foreign exchange income was lower in the wholesale segment due to an overall slowdown in exports and imports.

Derivative losses were primarily because of fair value adjustments on certain customer contracts on account of adverse currency movements.

**Table of Contents****Non- Interest Expense**

Our non-interest expense was comprised of the following:

	2008	2009	Year ended March 31, Increase/ (decrease)      % Increase/ (decrease)		2008 % of net revenues	2009 % of net revenues
			(in millions, except percentages)			
Salaries and staff benefits	Rs. 19,169.6	Rs. 29,169.0	Rs. 9,999.4	52.2%	31.0%	33.9%
Premises and equipment	4,729.3	8,650.7	3,921.4	82.9	7.7	10.0
Depreciation and amortization	2,816.0	3,731.4	915.4	32.5	4.6	4.3
Administrative and other	15,546.9	18,332.8	2,785.9	17.9	25.2	21.4
Amortization of intangibles		3,271.0	3,271.0	*		3.8
Total non-interest expense	Rs. 42,261.8	Rs. 63,154.9	Rs. 20,893.1	49.4%	68.4%	73.4%

\* Not meaningful

Total non-interest expense increased by 49.4% from Rs. 42.3 billion in fiscal 2008 to Rs. 63.1 billion in fiscal 2009. As a percentage of our net revenues, non-interest expense increased to 73.4% in fiscal 2009 compared to 68.4% in fiscal 2008.

As of March 31, 2009 we had 1,413 branches and 3,295 ATMs across 528 locations, which increased from 761 branches and 1,977 ATMs across 327 locations as of March 31, 2008. Of these, 404 branches and 426 ATMs were acquired on account of the merger. This led to an overall increase in our non-interest expense.

Salaries and staff benefits increased primarily on account of a rise in employee strength, average salaries and stock-based compensation. Our employee strength increased from 37,736 employees as of March 31, 2008 to 52,687 employees as of March 31, 2009 primarily as a result of the merger and due to a general growth in our business. Average salaries increased by approximately 10%. We increased the exercise period of some of the stock options granted to our employees. This modification led to a one-time charge of Rs. 374.4 million during fiscal 2009. Stock options granted to the employees of the erstwhile Centurion Bank of Punjab were fair valued on acquisition. The charge on account of this stock-based compensation also contributed to the increase in salaries and staff benefits.

Premises and equipment costs increased on account of an increase in rent, electricity, housekeeping, security and other infrastructure costs relating to the expanded branch network.

Depreciation and amortization expenses increased due to the increase in the branch network/ATMs, the inorganic and organic growth and higher spending on technology and infrastructure to support our growth.

Administrative and other expenses increased primarily on account of a rise in collections and recoveries costs in line with the growing retail book, professional charges, outsourcing costs, travel and conveyance, printing and stationery costs.

We acquired four intangible assets on account of the merger – customer relationships, a branch network, core deposits and favorable leases. These intangibles amounted to Rs. 16.0 billion as of the consummation date of the merger. We amortized these intangibles over their estimated remaining useful life, which resulted in a charge of Rs. 3.3 billion for the 313-day period ended March 31, 2009.

**Income Tax**

Our income tax expense increased by 22.7% from Rs. 6.3 billion in fiscal 2008 to Rs. 7.7 billion in fiscal 2009. Our effective tax rate was 32.3% in fiscal 2008 and 33.7% in fiscal 2009. The effective tax rate was lower in fiscal 2008 primarily on account of higher tax-free income from our investments in mutual fund units.

**Net Income**

## Edgar Filing: HDFC BANK LTD - Form 20-F

As a result of the foregoing factors, our net income after taxes increased by 14.8% from Rs. 13.2 billion in fiscal 2008 to Rs. 15.1 billion in fiscal 2009.

**Table of Contents****Liquidity and Capital Resources**

Our growth over the last three years has been financed by a combination of cash generated from operations, increases in our customer deposits, borrowings and new issuances of equity capital and other securities qualifying as Tier 1 or Tier 2 capital.

The following table sets forth our cash flows from operating activities, investing activities and financing activities in a condensed format. We have aggregated certain line items set forth in the cash flow statement that is part of our financial statements included elsewhere in this report in order to facilitate understanding of significant trends in our business.

	2008	Year ended March 31, 2009 (in millions)	2010
<b>Cash Flows from Operating Activities:</b>			
Net income before noncontrolling interest	Rs. 13,245.2	Rs. 15,197.7	Rs. 24,887.8
Non cash adjustments to net income	20,866.1	31,630.8	33,134.4
Net change in other assets and liabilities	(83,771.2)	79,347.9	51,042.2
Net cash provided/(used) by operating activities	Rs. (49,659.9)	Rs. 126,176.4	Rs. 109,064.4
<b>Cash Flows from Investing Activities:</b>			
Net change in term placements	6,898.2	(19,236.9)	(23,646.0)
Net change in investments	(82,480.2)	(85,613.9)	19,344.0
Proceeds from loans securitized	2,913.9	22,595.0	
Loans purchased net of repayments	(770.0)	(34,937.0)	(48,911.4)
Increase in loans originated, net of principal collections	(197,034.3)	(129,660.7)	(284,839.6)
Net additions to property and equipment	(6,372.6)	(6,762.9)	(5,854.8)
Cash acquired on merger - net		20,567.5	
Net cash used in investing activities	Rs. (276,845.0)	Rs. (233,048.9)	Rs. (343,907.8)
<b>Cash Flows from Financing Activities:</b>			
Net increase in deposits	323,562.1	212,222.8	246,365.0
Net increase/(decrease) in short-term borrowings	34,005.2	(102,832.5)	70,763.3
Net increase/(decrease) in long-term debt	(916.4)	20,225.9	9,264.2
Proceeds from issuance of equity shares for options exercised	1,292.3	794.0	5,559.7
Proceeds from issuance of ADSs	23,938.6		
Proceeds from issuance of equity shares/warrants/equity shares on exercise of warrants	13,901.0	4,009.2	36,080.5
Payment of dividends and dividend tax	(2,616.3)	(3,530.5)	(4,985.8)
Net cash provided by financing activities	Rs. 393,166.5	Rs. 130,888.9	Rs. 363,046.9
Effect of exchange rate changes on cash and cash equivalents			(1,869.4)
Net change in cash and cash equivalents	66,661.6	24,016.4	126,334.1
Cash and cash equivalents, beginning of year	80,546.4	147,208.0	171,224.4
<b>Cash and cash equivalents, end of year</b>	<b>Rs. 147,208.0</b>	<b>Rs. 171,224.4</b>	<b>Rs. 297,558.5</b>

**Cash Flows from Operating Activities**

Our net cash provided/used by operating activities reflects our net income, adjustments for tax and non-cash charges such as depreciation and amortization, as well as changes in other assets and liabilities. Our net cash provided by operating activities decreased during fiscal 2010 from Rs. 126.2 billion to Rs. 109.1 billion. This was mainly due to higher cash flows in fiscal 2009 as compared to fiscal 2010 from sale of investments held for trading.

*Cash Flows from Investing Activities*

We used our cash from operations and financing activities primarily to invest in our loan book. The increase in loans originated and purchased, net of principal collections and repayments, was Rs. 164.6 billion in fiscal 2009 and Rs. 333.8 billion in fiscal 2010 primarily on account of an increase in our wholesale loans.

**Table of Contents****Cash Flows from Financing Activities**

Our primary sources of cash flows from financing activities are deposits and, to a lesser extent, borrowings. The increase in deposits is attributable to the overall expansion of our business. Our total deposits increased by 17.3% from Rs. 1,426.3 billion in fiscal 2009 to Rs. 1,672.4 billion in fiscal 2010. Savings account deposits at Rs. 498.8 billion and current account deposits at Rs. 371.4 billion together accounted for approximately 52.0% of total deposits as of March 31, 2010. There has been a marginal increase in our time deposits from Rs. 793.4 billion in fiscal 2009 to Rs. 802.4 billion in fiscal 2010.

Our short-term borrowings increased by Rs. 71.8 billion from Rs. 26.4 billion in fiscal 2009 to Rs. 98.2 billion in fiscal 2010 primarily on account of short term refinance towards the end of fiscal 2010.

In fiscal 2010, we received Rs. 36.1 billion on exercise of warrants by our promoter group.

**Financial Condition****Assets**

The following table sets forth the principal components of our assets as of March 31, 2009 and March 31, 2010:

	As of March 31,		Increase/ (decrease)	% Increase/ (decrease)
	2009	2010		
	(in millions except percentages)			
Cash and cash equivalents	Rs. 171,224.4	Rs. 297,558.5	Rs. 126,334.1	73.8%
Term placements	34,473.2	58,166.3	23,693.1	68.7
Investments held for trading	35,386.2	28,158.8	(7,227.4)	(20.4)
Investments available for sale	508,106.3	481,398.8	(26,707.5)	(5.3)
Securities purchased under agreements to resell	25,497.2	20,000.0	(5,497.2)	(21.6)
Loans, net	986,495.0	1,297,180.4	310,685.4	31.5
Accrued interest receivable	13,251.9	13,767.3	515.4	3.9
Property and equipment	20,649.4	22,302.8	1,653.4	8.0
Intangibles	12,731.0	8,961.5	(3,769.5)	(29.6)
Goodwill	74,937.9	74,937.9		
Other assets	137,992.3	114,088.1	(23,904.2)	(17.3)
Total assets	Rs. 2,020,744.8	Rs. 2,416,520.40	Rs. 395,775.6	19.6%

Our total assets increased by 19.6 % to Rs. 2,416.5 billion in fiscal 2010 from Rs. 2,020.7 billion in fiscal 2009.

Cash and cash equivalents include currency on hand as well as demand deposits with banks or financial institutions. We had invested our surplus funds in short term liquid instruments amounting to Rs. 97.4 billion towards the end of fiscal 2010. We are also required to maintain cash balances with the Reserve Bank of India to meet our cash reserve ratio requirement. We are required to maintain a specific percentage of our demand and time liabilities by way of a balance in a current account with the RBI. This is to maintain the solvency of the banking system. The central bank had increased the cash reserve ratio from 5.0% as of March 31, 2009 to 5.75% as of March 31, 2010, which in turn required us to maintain higher balances with the RBI.

Term placements consist of placements with banks and financial institutions in the ordinary course of business. These have original maturities for periods ranging between three months and seven years. Term placements have increased on account of our placements with central government bodies. These placements are made to comply with the extant Reserve Bank of India guidelines on shortfalls in priority sector lending sub-limits and account for over 90% of such placements as of March 31, 2010.

Securities held under the trading portfolio are for trading purposes and are generally sold within 90 days from purchase. Investments held for trading decreased by 20.4% from Rs. 35.4 billion as of March 31, 2009 to Rs. 28.2 billion as of March 31, 2010, primarily on account of a sale

## Edgar Filing: HDFC BANK LTD - Form 20-F

of our investments in Government of India securities.

Investments available for sale decreased by 5.3% primarily on account of sales/maturities of our investments in deposit certificates issued by banks and Government of India securities.

Securities purchased under agreements to resell decreased from Rs. 25.5 billion in fiscal 2009 to Rs. 20.0 billion in fiscal 2010 as we managed our surplus liquidity position as of the end of fiscal 2010.

**Table of Contents**

Net loans increased due to an increase in both our retail and wholesale lending. Our outstanding gross retail loan portfolio increased by 18.1% from Rs. 620.4 billion as of March 31, 2009 to Rs. 733.0 billion as of March 31, 2010. Secured loans were the key drivers of the increase in the retail loan book. We originate home loans under an arrangement with HDFC Limited. During the year we purchased from HDFC Limited over Rs. 45 billion of AAA credit enhanced home loans. This growth in the retail loans was complemented by an increase of 50.5% in the gross wholesale loan book from Rs. 390.7 billion to Rs. 588.0 billion on account of an increase in our term loan portfolio as well as on account of facilities given to our customers to meet their working capital requirements.

Our distribution network grew from 1,413 branches and 3,295 ATMs as of March 31, 2009 to 1,725 branches and 4,232 ATMs as of March 31, 2010. This expansion led to an increase of 8.0% in net property and equipment.

We acquired customer relationships, a branch network, core deposits and favorable leases as identified intangible assets on account of the acquisition. These intangibles amounted to Rs. 16.0 billion as of the date of acquisition. We have amortized these intangibles over their estimated remaining useful life, resulting in a charge of Rs. 3.3 billion and Rs. 3.8 billion for fiscals 2009 and 2010 respectively. Consequently, these intangibles were carried at an amortized value of Rs. 9.0 billion as of March 31, 2010.

We paid a purchase consideration of Rs. 102.8 billion to acquire the net assets of CBoP at a fair value of Rs. 27.8 billion, thereby recognizing unidentified intangibles (goodwill) of Rs. 74.9 billion, during fiscal 2009. The primary purpose of the acquisition was to realize potential synergies, growth opportunities and cost savings from combining our businesses. These anticipated synergies contributed to a purchase price that resulted in the recognition of goodwill. The said goodwill has not been impaired as of March 31, 2010 and has been carried forward at the same value as that at the acquisition date.

Other assets decreased principally because of a decrease in the fair value of derivatives as of March 31, 2010 as compared to March 31, 2009.

**Liabilities and Shareholders Equity**

The following table sets forth the principal components of our liabilities and shareholders equity as of March 31, 2009 and March 31, 2010:

	2009	As of March 31, 2010 (in millions, except percentages)	Increase/ (decrease)	% Increase/ (decrease)
<b>Liabilities</b>				
Interest bearing deposits	Rs. 1,142,281.9	Rs. 1,301,046.0	Rs. 158,764.1	13.9%
Non-interest bearing deposits	284,006.7	371,354.3	87,347.6	30.8
Total deposits	1,426,288.6	1,672,400.3	246,111.7	17.3
Short-term borrowings (excluding current portion of long-term debt)	26,383.6	98,165.0	71,781.4	272.1
Accrued interest payable	33,225.3	19,964.2	(13,261.1)	(39.9)
Long-term debt (including current portion)	68,452.2	75,854.4	7,402.2	10.8
Accrued expenses and other liabilities	216,342.0	243,682.3	27,340.3	12.6
Total liabilities	1,770,691.7	2,110,066.2	339,374.5	19.2
Noncontrolling interest in subsidiaries	555.4	872.5	317.1	57.1
HDFC Bank Limited shareholders equity	249,497.7	305,581.7	56,084.0	22.5
Total liabilities and shareholders equity	Rs. 2,020,744.8	Rs. 2,416,520.4	Rs. 395,775.6	19.6%

Our total liabilities increased by 19.2% from Rs. 1,770.7 billion in fiscal 2009 to Rs. 2,110.0 billion in fiscal 2010. We changed our deposit pricing structure to generally remain competitive in the market. The increase in our interest-bearing deposits was principally on account of savings deposits, average volumes of which increased by over 30% from Rs. 314.4 billion in fiscal 2009 to Rs. 414.4 billion in fiscal 2010. The high cost deposit book of CBoP and the time deposits raised in the second and third quarter of fiscal 2009 matured or were re-priced by the end of fiscal 2010. Our continued efforts to raise low cost funds resulted in an increase in our non-interest bearing deposits by 30.8% from Rs. 284.0 billion in fiscal 2009 to Rs. 371.3 billion in fiscal 2010. Of our total deposits as of March 31, 2010, retail deposits accounted for approximately



67.1% and wholesale deposits accounted for the balance.

**Table of Contents**

Most of our funding requirements are met through short-term and medium-term funding sources. Of our total non-equity sources of funding as of March 31, 2010, deposits accounted for approximately 79.3%, short-term borrowings accounted for approximately 4.7% and long-term debt accounted for approximately 3.6%. Our short-term borrowings, which primarily comprised money market borrowings, increased by Rs. 71.8 billion in fiscal 2010 as compared to fiscal 2009 mainly on account of short term refinance towards the end of fiscal 2010.

Long-term debt increased by 10.8% in fiscal 2010 primarily on account of foreign currency borrowings of Rs. 4.1 billion.

Accrued expenses and other liabilities increased primarily because of an increase in bills payable, accounts payable and accrued expenses as of March 31, 2010 as compared to March 31, 2009, partially off-set by a decline in the fair value of derivatives.

Pursuant to the acquisition of CBoP and to enable our promoter group to restore its shareholding percentage to the pre-merger level, we had issued during the quarter ended June 30, 2008, 26,200,220 warrants convertible into an equivalent number of equity shares to HDFC Limited on a preferential basis at a rate of Rs. 1,530.13 each. HDFC Limited opted for the conversion of these warrants into equity shares in fiscal 2010, thereby increasing the shareholders' equity by Rs. 36.1 billion.

**Capital**

We are a banking company within the meaning of the Indian Banking Regulation Act, 1949, registered with and subject to supervision by the RBI. Failure to meet minimum capital requirements could lead to regulatory actions by the RBI that, if undertaken, could have a material effect on our financial position. As per RBI's prudential norms on capital adequacy under the Basel I framework (Basel I), we are required to maintain a capital to risk-weighted asset ratio of a minimum of 9%, for both credit risk and market risk. RBI has also issued its prudential guidelines on Capital Adequacy and Market Discipline Implementation of the New Capital Adequacy Framework (Basel II). We migrated to the new framework effective March 31, 2009. Under Basel II guidelines, we are required to maintain a minimum capital to risk-weighted asset ratio of 9% on an ongoing basis for credit risk, market risk and operational risk, with a minimum Tier 1 capital ratio of 6%. Further, the minimum capital maintained by us as of March 31, 2010 is subject to a prudential floor, which is the higher of the following amounts:

- a) the minimum capital required as per the Basel II framework; and
- b) 90% of the minimum capital required to be maintained as per the Basel I framework.

Our regulatory capital and capital adequacy ratios measured in accordance with Indian GAAP and calculated under both the Basel I and Basel II framework, are as follows:

	Basel I			Basel II		
	2009	2010	2010	2009	2010	2010
Tier 1 capital	Rs. 136,902.8	Rs. 205,488.5	US\$ 4,571.5	Rs. 136,902.8	Rs. 205,488.5	US\$ 4,571.5
Tier 2 capital	66,049.2	64,919.4	1,444.3	66,049.2	64,919.4	1,444.3
Total capital	Rs. 202,952.0	Rs. 270,407.9	US\$ 6,015.8	Rs. 202,952.0	Rs. 270,407.9	US\$ 6,015.8
Total risk weighted assets and contingents	Rs. 1,345,307.5	Rs. 1,643,327.7	US\$ 36,559.0	Rs. 1,293,826.8	Rs. 1,549,830.1	US\$ 34,479.0
<b>Capital ratios of the Bank:</b>						
Tier 1	10.18%	12.50%	12.50%	10.58%	13.26%	13.26%
Total capital	15.09%	16.45%	16.45%	15.69%	17.44%	17.44%
<b>Minimum capital ratios required by the RBI:</b>						
Tier 1	4.50%	4.50%	4.50%	6.00%	6.00%	6.00%
Total capital	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%

**Capital Expenditure**

Our capital expenditures consist principally of expenditures relating to our branch network expansion, as well as investments in our technology and communications infrastructure.

**Table of Contents**

We have current plans for aggregate capital expenditures of approximately Rs. 5.9 billion in fiscal 2011. These budgeted amounts include Rs. 1.1 billion to expand our branch and back office network, Rs. 1.1 billion to expand our ATM network, Rs. 0.2 billion to expand our Electronic Data Capture terminal network and Rs. 3.5 billion to upgrade and expand our hardware, data center, network and other systems. We may use these budgeted amounts for other purposes depending on the business environment prevailing at the time we seek to utilize these budgeted amounts.

**Financial Instruments and Off-Balance Sheet Arrangements**

Our foreign exchange and derivative product offering to our customers covers a range of products, including foreign exchange and interest rate transactions and hedging solutions, such as spot and forward foreign exchange contracts, forward rate agreements, currency swaps, currency options, and interest rate derivatives. These transactions enable our customers to transfer, modify or reduce their foreign exchange and interest rate risks. A specified group of relationship managers from our Treasury front office works on such product offerings jointly with the relationship managers from Wholesale Banking.

We enter into forward exchange contracts, currency options, forward rate agreements, currency swaps and rupee interest rate swaps with inter-bank participants, similar to our Wholesale Banking business, where we enter into such transactions with our customers. To support our clients' activities, we are an active participant in the Indian inter-bank foreign exchange market. We also trade, to a more limited extent, for our own account. We also engage in proprietary trades of rupee-based interest rate swaps and use them as part of our asset liability management.

Forward exchange contracts are commitments to buy or sell foreign currency at a future date at the contracted rate. A currency option is a contract where the purchaser of the option has the right but not the obligation to either purchase or sell and the seller of the option agrees to sell or purchase an agreed amount of a specified currency at a price agreed in advance and denominated in another currency on a specified date or by an agreed date in the future. A forward rate agreement is a financial contract between two parties to exchange interest payments for a notional principal amount on a settlement date, for a specified period from a start date to a maturity date. Currency swaps are commitments to exchange cash flows by way of interest in one currency against another currency and exchanges of principal amounts at maturity based on predetermined rates. Rupee interest rate swaps are commitments to exchange fixed and floating rate cash flows in rupees.

We earn profit on customer transactions by way of a margin as a mark-up over the inter-bank exchange or interest rate. We earn profit on inter-bank transactions by way of a spread between the purchase rate and the sale rate. These profits are recorded as income from foreign exchange and derivative transactions. The RBI imposes limits on our ability to hold overnight positions in foreign exchange and derivatives. See Business Treasury Derivatives. The following table presents the aggregate notional principal amounts of the Bank's outstanding forward exchange and interest rate derivative contracts as of March 31, 2010, together with the fair values on each reporting date.

	<b>Notional</b>	<b>Gross Assets</b>	<b>Gross Liabilities</b>	<b>Net Fair Value</b>
	<b>(In millions)</b>			
Interest rate derivatives	Rs. 2,020,529.7	Rs. 14,250.4	Rs. 15,811.2	Rs. (1,560.8)
Forward rate agreements	1,796.0	15.0	14.9	0.1
Currency options	372,863.7	11,833.8	12,426.1	(592.3)
Currency swaps	26,820.8	1,625.0	449.2	1,175.8
Forward exchange contracts	2,281,083.5	50,205.0	46,624.7	3,580.3
<b>Total</b>	<b>Rs. 4,703,093.7</b>	<b>Rs. 77,929.2</b>	<b>Rs. 75,326.1</b>	<b>Rs. 2,603.1</b>

We have not designated the above derivative contracts as accounting hedges and accordingly the contracts are recorded at fair value on the balance sheet with changes in fair value recorded in earnings.

**Table of Contents****Guarantees and Documentary Credits**

As a part of our commercial banking activities, we issue documentary credits and guarantees. Documentary credits, such as letters of credit, enhance the credit standing of our customers. Guarantees generally represent irrevocable assurances that we will make payments in the event that the customer fails to fulfill its financial or performance obligations. Financial guarantees are obligations to pay a third party beneficiary where a customer fails to make payment toward a specified financial obligation. Performance guarantees are obligations to pay a third party beneficiary where a customer fails to perform a non-financial contractual obligation. The nominal values of guarantees and documentary credits for the dates set forth below were as follows:

	As of March 31,	
	2009	2010
	(in millions)	
Bank guarantees:		
Financial guarantees	Rs. 52,526.1	Rs. 58,053.1
Performance guarantees	30,426.7	40,808.9
Documentary credits	93,873.8	128,152.6
<b>Total</b>	<b>Rs. 176,826.6</b>	<b>Rs. 227,014.6</b>

Guarantees and documentary credits outstanding increased by 28.4% to Rs. 227.0 billion as of March 31, 2010, principally due to general growth in our wholesale banking business and to meet our clients' trade requirements.

**Loan Sanction Letters**

In some cases we issue sanction letters to customers indicating our intent to provide new loans. The amount of loans referred to in these letters that have not yet been made was Rs. 311.2 billion as of March 31, 2010. On request, we disburse these loans subject to the customer's creditworthiness at that time and at interest rates in effect on the date the loans are made. We are not obligated to make these loans, and the sanctions are subject to periodic review. See also Note 22 to our audited financial statements included elsewhere in this report.

**Contractual Obligations and Commercial Commitments****Contractual Obligations**

	Payments due by period, as of March 31, 2010				
	Total	Less than 1 year	1-3 years (in millions)	3-5 years	After 5 years
Subordinated debt	Rs. 63,531.0	Rs. 620.0	Rs. 2.0	Rs. 4,140.0	Rs. 58,769.0
Other long term debt	12,323.4	3,298.0	6,664.0		2,361.4
Operating leases <sup>(a)</sup>	23,192.3	3,743.2	7,037.0	5,956.1	6,456.0
Unconditional purchase obligations <sup>(b)</sup>	1,628.1	1,628.1			
<b>Total</b>	<b>Rs. 100,674.8</b>	<b>Rs. 9,289.3</b>	<b>Rs. 13,703.0</b>	<b>Rs. 10,096.1</b>	<b>Rs. 67,586.4</b>

(a) Operating leases are principally for the lease of office, branch and ATM premises, and residential premises for executives.

(b) Unconditional purchase obligations principally constitute the capital expenditure commitments made as of March 31, 2010. See Note 25 Commitments and contingencies.

**Commercial Commitments**

## Edgar Filing: HDFC BANK LTD - Form 20-F

Our commercial commitments consist principally of letters of credit, guarantees, forward exchange contracts and derivative contracts.

We have recognized a liability of Rs. 615.6 million as of March 31, 2010 as required by FASB ASC 460.10 (formerly FASB Interpretation No. 45, Guarantor's Accounting and Disclosure Requirements for Guarantees, Including Indirect Guarantees of Indebtedness of Others). Based on historical trends and as required by FASB ASC 450 (formerly Statement of Financial Accounting Standards No. 5, Accounting For Contingencies), we have recognized a liability of Rs. 330.0 million as of March 31, 2010.

**Table of Contents**

As part of our risk management activities, we continuously monitor the creditworthiness of customers as well as guarantee exposures. However, if a customer fails to perform a specified obligation to a beneficiary, the beneficiary may draw upon the guarantee by presenting documents that are in compliance with the guarantee. In that event, we make payment to the beneficiary on account of the indebtedness of the customer or make payment on account of the default by the customer in the performance of an obligation, up to the full notional amount of the guarantee. The customer is obligated to reimburse us for any such payment. If the customer fails to pay, we would, as applicable, liquidate collateral and/or set off accounts.

The residual maturities of the above obligations as of March 31, 2010 are set forth in the following table:

	Total amounts committed	Amount of commitment expiration per period			
		Less than 1 year	1-3 years (in millions)	3-5 years	Over 5 years
Documentary credits	Rs. 128,152.6	Rs. 116,876.0	Rs. 11,276.6	Rs.	Rs.
Guarantees	98,862.0	68,357.3	20,442.7	4,445.0	5,617.0
Derivatives*	4,703,093.7	3,520,578.3	806,041.9	334,257.8	42,215.7
Total	Rs. 4,930,108.3	Rs. 3,705,811.6	Rs. 837,761.2	Rs. 338,702.8	Rs. 47,832.7

\* Denotes notional principal amounts.

***Extent of dependence on single customer exposures***

Our exposure to a borrower is subject to the regulatory limits established by the RBI from time to time, or specific approval by RBI. The exposure-ceiling limit for a single borrower is 15 percent of our capital funds. This limit may be exceeded by an additional 5 percent (i.e. up to 20 percent) provided the additional credit exposure is on account of infrastructure or by an additional 10 percent (i.e. up to 25 percent) provided the credit exposure is to oil companies to whom bonds have been issued by the Government of India. In addition to the above exposure limit, we may, in exceptional circumstances, with the approval of the Board, consider increasing our exposure to a borrower up to an additional 5 percent of the capital funds. Our exposures to our ten largest borrowers as of March 31, 2010, computed as per RBI guidelines, based on the higher of the outstanding balance or the limit on loans, investments (including credit substitutes) and non-funded exposures as per Indian GAAP were as follows. None of these exposures were impaired as of March 31, 2010:

Borrower	Borrower Industry	March 31, 2010			
		Funded Exposure Rs. in million	Non-Funded Exposure	Total Exposure	Total Exposure
Borrower 1	Banks and Financial Institutions	Rs. 41,971.1	Rs.	Rs. 41,971.1	US\$ 933.7
Borrower 2	Coal & Petroleum Products	26,120.0	11,071.1	37,191.1	827.4
Borrower 3	Coal & Petroleum Products	13,503.6	18,938.2	32,441.8	721.7
Borrower 4	Fertilizers & Pesticides	24,926.2		24,926.2	554.5
Borrower 5	Coal & Petroleum Products	13,844.7	8,090.9	21,935.6	488.0
Borrower 6	Housing Finance Companies	18,857.1		18,857.1	419.5
Borrower 7	Coal & Petroleum Products	16,785.1	81.5	16,866.6	375.2
Borrower 8	Banks and Financial Institutions	16,000.0	212.4	16,212.4	360.7
Borrower 9	Non-ferrous Metals	304.3	14,299.6	14,603.9	324.9
Borrower 10	Non-ferrous Metals	3,549.0	10,217.6	13,766.6	US\$ 306.3

As of March 31, 2010, our exposure to eleven borrowers was more than 5 percent of our capital funds, which was mainly comprised of large credit facilities to these borrowers. Of the total exposure to these borrowers, approximately 43 percent was secured by collateral.

Our top single customer exposure is to a financial institution that was established by an act passed by the Indian Parliament for agricultural and rural development. Our exposure to the said organization is in the nature of placements made to comply with the extant Reserve Bank of India

## Edgar Filing: HDFC BANK LTD - Form 20-F

guidelines on shortfall in directed lending sub-limits. The regulatory ceiling prescribed by RBI is not applicable to exposures to this organization.

There were no exposures that exceeded the regulatory ceiling established by RBI.

### *Unresolved Staff Comments*

On April 16, 2010, we received written comments from the SEC regarding our annual report for the fiscal year ended March 31, 2009 (the Comment Letter ). On May 28, 2010, we responded to the Comment Letter (the Response ). In the Response, we proposed certain revised disclosure which we have incorporated, where still applicable, in our disclosure contained herein. As of the filing date of this 20-F, we have not received any further correspondence from the SEC, and so the comments in the Comment Letter remain unresolved.



**Table of Contents**

**MANAGEMENT**

**Directors and Senior Management**

Our Memorandum and Articles of Association (the Articles ) provide that until otherwise determined by a general meeting of shareholders, the number of our directors shall not be less than three or more than 15, excluding directors appointed pursuant to the terms of issued debt. Our board of directors consisted of eleven members as of March 31, 2010.

As per the Indian Companies Act, 1956 (the Companies Act ), at least two-thirds of our directors are required to retire by rotation, with one-third of these retiring at each annual general meeting. However, any retiring director may be re-appointed by resolution of the shareholders.

Under the terms of our organizational documents, HDFC Limited has a right to nominate two directors who are not required to retire by rotation, so long as HDFC Limited, its subsidiaries or any other company promoted by HDFC Limited either singly or in the aggregate holds not less than 20% of our paid-up equity share capital. The two directors so nominated by HDFC Limited are the Chairman and the Managing Director.

The Banking Regulation Act requires that not less than 51% of the board members shall have special knowledge or practical experience in one or more of the following areas: accounting, finance, agriculture and rural economy, banking, co-operation, economics, law, small scale industry and any other matter the RBI may specify. Out of these, not less than two directors shall have specialized knowledge or practical experience in agriculture and rural economy, co-operation or small-scale industry. Mr. Ashim Samanta has specialized knowledge and experience in small-scale industry. Dr. Pandit Palande has specialized knowledge and experience in the agricultural sector.

**Table of Contents**

Interested directors may not vote at board proceedings, except where the interest is based solely on a contract of indemnity for which the director is a surety, the interest is based on the director's involvement as director of another company and holder of shares of that company, or where a proper notification has been given under the Companies Act.

None of our directors or members of our senior management holds 1.0% or more of our shares.

Our Board of Directors, as of March 31, 2010, was comprised of:

Name	Position	Age
Mr. Jagdish Capoor <sup>1</sup>	Chairman	70
Mr. Aditya Puri	Managing Director	59
Mr. Keki Mistry	Non-Executive Director	55
Mrs. Renu Karnad <sup>2</sup>	Non-Executive Director	57
Mr. Arvind Pande	Non-Executive Director	67
Mr. Ashim Samanta	Non-Executive Director	55
Mr. C.M. Vasudev <sup>3</sup>	Non-Executive Director	66
Mr. Gautam Divan <sup>4</sup>	Non-Executive Director	69
Dr. Pandit Palande	Non-Executive Director	48
Mr. Harish Engineer	Executive Director	61
Mr. Paresh Sukthankar	Executive Director	47

<sup>1</sup> Mr. Jagdish Capoor retired from the Board of the Bank effective July 06, 2010

<sup>2</sup> Mrs. Renu Karnad retired from the Board of the Bank effective July 16, 2010

<sup>3</sup> Mr. C.M. Vasudev has been appointed Chairman of the Board by the Bank's Board of Directors effective July 06, 2010

<sup>4</sup> Mr. Gautam Divan retired from the Board of the Bank effective July 21, 2010

The following are brief biographies of our directors:

**Mr. Jagdish Capoor** holds a Master's degree in Commerce and is a Fellow of the Indian Institute of Banking and Finance. Prior to joining the Bank, Mr. Capoor was the Deputy Governor of the Reserve Bank of India. He retired as Deputy Governor of the Reserve Bank of India after serving for 39 years. While with the Reserve Bank of India, Mr. Capoor was the Chairman of the Deposit Insurance and Credit Guarantee Corporation of India and Bharatiya Reserve Bank Note Mudran Limited. He also served on the boards of the Export Import Bank of India, National Housing Bank, National Bank for Agriculture and Rural Development (NABARD) and State Bank of India.

Mr. Capoor is on the Board of Asset Care Enterprise Limited, The Indian Hotels Company Limited, LIC Pension Fund Limited, Quantum Trustee Co. Pvt. Ltd, Sumati Capoor Charitable Trust and The Stock Exchange Investors' Protection Fund. He is also member of the Board of Governors of the Indian Institute of Management, Indore. Mr. Capoor is a member of the Audit Committee of The Indian Hotels Company Limited, and the Chairman of the Audit Committee of LIC Pension Fund Limited and Quantum Trustee Co. Pvt. Ltd.

Mr. Capoor retired from the Board of the Bank effective July 6, 2010.

**Mr. Aditya Puri** holds a Bachelor's degree in Commerce from Punjab University and is an associate member of the Institute of Chartered Accountants of India. Mr. Aditya Puri has been the Managing Director of the Bank since September 1994. He has about 36 years of banking experience in India and abroad. Prior to joining the Bank, Mr. Puri was the Chief Executive Officer of Citibank, Malaysia from 1992 to 1994. Mr. Puri is not a director on the Board of any other company.

**Mr. Keki Mistry** holds a Bachelor of Commerce degree in Advanced Accountancy and Auditing and is also a Chartered Accountant. He was actively involved in setting up several HDFC group companies including HDFC Bank. Mr. Mistry has been deputed on consultancy assignments for the Commonwealth Development Corporation (CDC) in Thailand, Mauritius and the Caribbean Islands. He has also worked as a consultant for the Mauritius Housing Company and Asian Development Bank.

Mr. Mistry is the Vice Chairman & Chief Executive Officer of HDFC Limited and serves as the Chairman of GRUH Finance Limited. He is also a Director on the Board of HDFC Developers Limited, Shrenuj & Company Limited, HDFC Standard Life Insurance Co. Ltd, HDFC ERGO General Insurance Co. Limited, Infrastructure Leasing & Financial Services Limited, Sun Pharmaceutical Industries Limited, The Great Eastern

## Edgar Filing: HDFC BANK LTD - Form 20-F

Shipping Company Limited, NexGen Publishing Limited, HDFC Asset Management Company Limited, Greatship (India) Limited, Intelenet Global Services Pvt. Ltd., Griha Investments-Mauritius, Association of Leasing & Financial Services Companies, India Value Fund Advisors Pvt. Limited and Torrent Power Limited.

**Table of Contents**

Mr. Mistry is the Chairman of the Audit Committee of HDFC ERGO General Insurance Company Limited, Sun Pharmaceutical Industries Limited and The Great Eastern Shipping Company Limited. He is a member of the Audit Committee of HDFC Standard Life Insurance Company Limited, GRUH Finance Limited, Infrastructure Leasing & Financial Services Limited, HDFC Asset Management Company Limited, Shrenuj & Company Limited and Greatship (India) Limited. He is also a member of Investors Grievance Committee of Housing Development Finance Corporation Limited, Remuneration Committee and Investment Committee of GRUH Finance Limited and Share Transfer Committee of Infrastructure Leasing & Financial Services Limited.

**Mrs. Renu Karnad** is a law graduate and in addition holds a masters degree in economics from Delhi University. She is the Managing Director of HDFC Limited. She serves as a director on the Boards of HDFC Venture Capital Limited, HDFC Sales Private Limited, HDFC Asset Management Company Limited, GRUH Finance Limited, Credit Information Bureau (India) Limited, HDFC ERGO General Insurance Company Limited, ICI India Limited, Indraprastha Medical Corporation Limited, HDFC Standard Life Insurance Company Limited, Sparsh BPO Services Limited, G4S Corporate Services (India) Private Limited, Bosch Limited, Feedback Ventures Private Limited, Value and Budget Housing Corporation (India) Private Limited, Transunion LLC Chicago and HDFC Plc Maldives.

Mrs. Karnad is the chairperson of the audit committee of ICI India limited, Credit Information Bureau (India) Limited and Bosch Limited. She is a member of the Audit Committee of HDFC ERGO General Insurance Company Limited and Bosch Limited. She is the chairperson of the remuneration committee of ICI India Limited and a member of: the investment, compensation and compensation-ESOS committees as well as the committee of directors of GRUH Finance Limited; customer service committee and the risk management committee of HDFC Asset Management Company Limited; the remuneration committee of Credit Information Bureau (India) Limited and Sparsh BPO Services Limited; and the investor grievance committee, the investment sub-committee and the property sub-committee of Bosch Limited. In addition she serves as the chairperson of the compensation committee of HDFC Standard Life Insurance Company Limited.

Effective July 16, 2010 Mrs. Karnad retired from the Board of the Bank.

**Mr. Arvind Pande** holds a Bachelor of Science degree from Allahabad University and a B.A. (Hons.) and M.A. (Economics) degree from the Cambridge University, U.K. He started his career in the Indian Administrative Services and has held various responsible positions in the Government of India. He was a Joint Secretary to the Prime Minister of India for economics, science and technology issues. Mr. Pande has been a Director, Department of Economic Affairs, Ministry of Finance, with the Government of India and has dealt with World Bank aided projects. Mr. Pande has also served on the Board of Steel Authority of India Limited as its Chairman and Chief Executive Officer.

Mr. Pande is a Director of Sandhar Technologies Limited, Visa Steel Limited, Era Infra Engineering Limited, Coal India Limited and Bengal Aerotropolis Projects Limited. He is a member of the audit committee of Coal India Limited, Visa Steel Limited and Era Infra Engineering Limited.

**Mr. Ashim Samanta** holds a Bachelor of Commerce degree from the University of Mumbai and has wide and extensive business experience in the field of bulk drugs and fine chemicals.

He is a Director of Samanta Organics Private Limited, Nautilus Trading & Leasing Private Limited, Ashish Rang Udyog Private Limited, Shakti Cine Studios Private Limited, Samanta Movies Private Limited and Shringar Films Limited. Mr. Samanta has also been engaged in setting up and running of a film mixing, editing and dubbing studio.

**Mr. C. M. Vasudev** holds a Master's Degree in Economics and Physics. He joined the Indian Administrative Services in 1966. Mr. Vasudev has worked as an Executive Director of the World Bank representing India, Bangladesh, Sri Lanka and Bhutan. Mr. Vasudev has extensive experience working at policy-making levels in the financial sector and was responsible for setting policies and oversight of management. He chaired World Bank's committee on development effectiveness with responsibility for ensuring effectiveness of the World Bank's operations. Mr. Vasudev has also worked for the Ministry of Finance for more than 8 years and has undertaken various assignments, including Secretary, Department of Economic Affairs, Department of Expenditure, Department of Banking and Additional Secretary, Budget with responsibility for framing the fiscal policies and policies for economic reforms and for co-ordinating preparation of budgets of the Government of India and monitoring their implementation. He has worked as a Government nominee Director on the Boards of many companies in the financial sector including the State Bank of India, IDBI, ICICI, IDFC, NABARD, and the National Housing Bank and was also a member of the Central Board of the RBI. He was the member secretary of the Narasimhan committee on financial sector reforms. He also chaired a Committee on reforms of the NBFC sector. He has worked as Joint Secretary of the Ministry of Commerce with responsibility for state trading and trade policy including interfacing with the WTO.

Mr. Vasudev is currently a Director on the Board of ICRA Management Consultancy Services Limited, NOIDA Power Company Limited, Uttarakhand Jal Vidut Nigam Ltd, Star Paper Mills Limited and Insync Advisory Services Private Limited. He is a member of the audit

## Edgar Filing: HDFC BANK LTD - Form 20-F

committee and the chairman of the remuneration committee of ICRA Management Consultancy Services Limited and a member of the Audit Committee of NOIDA Power Company Limited.

**Table of Contents**

Effective July 06, 2010 Mr. Vasudev was appointed as the Chairman of the Board of the Bank.

**Mr. Gautam Divan** holds a Bachelor's degree in Commerce and is a Fellow Member of the Institute of Chartered Accountants of India. Mr. Divan is a partner in Rahul Gautam Divan & Associates, Chartered Accountants. Mr. Divan has wide experience in financial and taxation planning of individuals and limited companies and auditing accounts of large public limited companies and nationalized banks. Mr. Divan has substantial experience in structuring overseas investments to and from India. He is the financial expert on the Audit Committee of the Bank.

Mr. Divan is on the Board of HDFC Standard Life Insurance Company Limited, Baltic Consultancy & Services Private Limited, Chandabhoy and Jassoobhoy Consultants Private Limited, Serendib Investments Private Limited, and Brady & Morris Engineering Company Limited. He is the Chairman of the Audit Committee and a member of the technical review committee of HDFC Standard Life Insurance Company Limited.

Effective July 21, 2010 Mr. Divan retired from the Board of the Bank.

**Dr. Pandit Palande** has a Ph.D. degree in Business Administration and has completed an advanced course in Management from the Oxford and Warwick Universities in the UK. Dr. Palande has worked as a director of the School of Commerce and Management for 19 years in the Yashwantrao Chavan Maharashtra Open University (YCMOU). In the past Dr. Palande has served as the Pro-Vice Chancellor of YCMOU. Dr. Palande has extensive experience working in the fields of business administration, management and agriculture. Under the guidance of Dr. Palande, YCMOU has become one of the few green universities in India. As a Project Director of the Indian Space Research Organisation (ISRO) GAP-3 of YCMOU, Dr. Palande has been extensively serving the academic and agriculture community. Dr. Palande is not a director on the Board of any other company.

**Mr. Harish Engineer** is a Science Graduate from the University of Mumbai and holds a Diploma in Business Management from the Hazarimal Somani College, Mumbai. Mr. Engineer has been associated with the Bank since 1994 in various capacities and is responsible for Wholesale Banking at present. Mr. Engineer has over 40 years experience in the fields of finance and banking. Prior to joining the Bank, Mr. Engineer worked with Bank of America for 26 years in various areas including operations and corporate credit management.

Mr. Engineer is not a director on the Board of any other company in India. He is a member of the Board of Boston Analytics, Boston MA.

**Mr. Paresh Sukthankar** received a Masters in Management Studies from the Jamnalal Bajaj Institute of Management Studies, Mumbai. Mr. Sukthankar has been associated with the Bank since 1994 in various senior capacities and has direct or supervisory responsibilities for the Credit & Market Risk, Finance, Human Resources functions and for various strategic initiatives of the Bank. Mr. Sukthankar has over 24 years of experience in the fields of finance and banking. Prior to joining the Bank, Mr. Sukthankar worked with Citibank for 9 years in various areas, including corporate banking, risk management, financial control and credit administration. Mr. Sukthankar is not a director on the Board of any other company.

**Senior Management**

As of March 31, 2010, our senior management was comprised of the following:

<b>Name</b>	<b>Position</b>	<b>Age</b>
Aditya Puri	Managing Director	59
Harish Engineer	Executive Director	61
Paresh D. Sukthankar	Executive Director	47
Abhay Aima	Head, Equities and Private Banking, Third Party Products & NRI Banking	48
Anil Jaggia	Head, Information Technology and Legal	49
Ashish Parthasarthy	Head, Treasury	42
Bharat Shah	Head, Properties	63
G. Subramanian	Head, Internal Control and Compliance Risk	63
Kaizad Bharucha	Head, Credit and Market Risk	45
Mandeep Maitra <sup>1</sup>	Head, Human Resources, Administration & Infrastructure	45
Navin Puri	Head, Branch Banking	52
Rahul N. Bhagat	Head, Retail Liabilities and Marketing	47
Rajan Ananthanarayan	Head, Operations	59
Pralay Mondal	Head, Retail Assets and Credit Cards	45

Sashi Jagdishan

Head, Finance

45

<sup>1</sup> Ms. Mandeep Maitra resigned from the Bank effective August 04, 2010.

## **Table of Contents**

A brief biography of each of the members of the Bank's senior management is set out below:

**Mr. Abhay Aima** is a graduate of the National Defence Academy. Mr. Aima is the Bank's Head of Equities, Private Banking and Third Party Products. He is also in charge of NRI and International Consumer Banking. Mr. Aima serves as a Director of Raab Investment Private Limited, HDFC Securities Limited and Bluechip Corporate Investment Centre Limited.

**Mr. Anil Jaggia** is an engineering graduate from IIT, Kanpur. Thereafter, he received a management degree from the Indian Institute of Management in Ahmedabad. He is a senior banker with over 20 years of experience in banking worldwide. He started his career in India with Citibank N.A. and then moved to the USA with Citibank N.A. for 7 years. At Citibank, Mr. Jaggia held various senior management positions. He returned to India to take up the post of Chief Operating Officer at Centurion Bank Limited in 2004. He is currently head of IT, Quality Initiatives and Legal at the Bank.

**Mr. Ashish Pathasarthy** holds a Bachelor of Engineering degree from the Karnataka Regional Engineering College and has a Post-Graduate Diploma in Management from the Indian Institute of Management, Bangalore. He has over 18 years of experience in the interest rate and currency markets and holds the position of Head Treasury at the Bank.

**Mr. Bharat Shah** holds a Bachelor of Science degree from the University of Mumbai and a Higher National Diploma in Applied Chemistry from London University. Mr. Shah serves as a Director of Computer Age Management Services Private Ltd., Atlas Documentary Facilitators Company Private Ltd., Hexaware Technologies Ltd., Hill Properties Ltd., and is the Chairman of HDFC Securities Ltd.

**Mr. G. Subramanian** holds a Bachelor of Science degree in Chemistry from Madras Christian College and is a Certified Associate of the Indian Institute of Bankers. Mr. Subramanian is currently Head of Internal Controls and Compliance Risk. Prior to that, Mr. Subramanian was Deputy General Manager of RBI. Mr. Subramanian also serves as a Director of Computer Age Management Services Private Limited, HDB Financial Services Limited and Vayana Enterprises Private Limited.

**Mr. Kaizad Bharucha** has a Bachelor of Commerce degree from the University of Mumbai. He has been a career banker with over two decades of banking experience and is Head of Credit and Market Risk. He was previously with SBI Commercial and International Bank Ltd. as Group Head of Credits. Mr. Bharucha also serves as Director of HDB Financial Services Limited and is the Chairman of the ALCO Committee and a member of the Risk Committee of HDB Financial Services Limited.

**Ms. Mandeep Maitra** completed her Bachelors in Psychology (Hons) from Lady Sriram College, Delhi University and her Masters degree in Personnel Management & Industrial Relations from the Tata Institute of Social Sciences, Mumbai. She has over 19 years of experience in the banking industry and held the position of Country Head - Human Resources at the Bank as on March 31, 2010. Ms Maitra resigned from the Bank effective August 04, 2010.

**Mr. Navin Puri** holds a Bachelor of Commerce degree from Calcutta University and is a member of the Institute of Chartered Accountants of India. He also received a Masters of Business Administration degree from Texas University, U.S.A. Mr. Puri has 18 years of banking experience. He has been with the Bank since February 1999. He currently heads the Retail Branch Banking business, and is also the Business Head for Retail Current Accounts of the Bank.

**Mr. Rahul N. Bhagat** holds a Bachelor of Arts in History (Hons) from St. Stephen's College, Delhi University and a Masters degree in International Affairs from the College of William & Mary, Virginia, USA. He has over 18 years of experience in consumer banking, having worked with ANZ Grindlays Bank and Bank of America prior to joining the Bank in 1999. Mr. Bhagat heads the Retail Liabilities, Marketing, High Net-Worth and Direct Channels businesses in the Bank. Mr. Bhagat is a Nominee Director on behalf of the Bank, on the Board of Kairoleaf Analytics Pvt Ltd.

**Mr. Rajan Ananthanarayan** holds a Bachelor of Science degree from the University of Mumbai. He has nearly 30 years of experience in international and domestic banking operations. Mr. Rajan was employed by Bank of America prior to joining the Bank. He was part of the core management team that founded HDFC Bank, as its Head of Operations, and was responsible for creating the Operations team and detailed Operating Procedures. After working in foreign banks in Indonesia and Oman, he was the chief executive officer of Flexcel International Private Ltd for three years. He then rejoined the Bank as Country-Head, Operations.

**Mr. Pralay Mondal** holds a B-Tech (Hons) from the Indian Institute of Technology, Kharagpur and a Post Graduate Diploma in Business Management in Marketing from the Indian Institute of Management, Calcutta. He has 18 years of experience in marketing, sales, product and business profit and loss management in the fast moving consumer goods, office automation and banking industries. He is currently head of the Retail Assets & Credit Cards business of the Bank. Mr. Mondal also serves as a director of HBL Global Private Limited and HDB Financial



Services Ltd.

## **Table of Contents**

**Mr. Sashi Jagdishan** holds a Bachelor of Science degree in Physics from the University of Mumbai and a Masters in Economics of Money, Banking and Finance from the University of Sheffield, UK. He is also a Chartered Accountant of the Institute of Chartered Accountants of India. He has been with the Bank since 1996. He heads the finance function of the Bank.

### **Corporate Governance**

#### ***Audit and Compliance Committee***

The Audit and Compliance Committee of the Bank is chaired by Mr. Arvind Pande. The other members of the Committee are Mr. Ashim Samanta, Mr. C. M. Vasudev, Mr. Gautam Divan and Dr. Pandit Palande. All the members of the Committee are independent directors and Mr. Gautam Divan is a Chartered Accountant and a financial expert.

The Committee met eight times during the year. The terms of reference of the Audit Committee are in accordance with Clause 49 of the Listing Agreement entered into with the Stock Exchanges in India, and *inter alia* include the following:

- a) Overseeing the Bank's financial reporting process and ensuring correct, adequate and credible disclosure of financial information;
- b) Recommending appointment and removal of external auditors and the fixing of their fees;
- c) Reviewing with management the annual financial statements before submission to the Board with special emphasis on accounting policies and practices, compliance with accounting standards and other legal requirements concerning financial statements;
- d) Reviewing the adequacy of the Audit and Compliance functions, including their policies, procedures, techniques and other regulatory requirements; and
- e) Any other terms of reference as may be included from time to time in Clause 49 of the Listing Agreement with the Indian Stock Exchanges.

The Board has also adopted a charter for the Audit Committee in connection with certain United States regulatory standards as the Bank's securities are also listed on the New York Stock Exchange.

#### ***Compensation Committee***

The Compensation Committee reviews the overall compensation structure and policies of the Bank with a view to attract, retain and motivate employees, considers grant of stock options to employees and reviews compensation levels of the Bank's employees vis-à-vis other banks and the industry in general.

The Bank's compensation policy provides a fair and consistent basis for motivating and rewarding employees appropriately according to their job / role size, performance, contribution, skill and competence.

Mr. Jagdish Capoor, Mr. Ashim Samanta, Mr. Gautam Divan and Dr. Pandit Palande are the members of the Committee. The Committee is chaired by Mr. Jagdish Capoor. All the members of the Committee other than Mr. Capoor are independent directors.

The Committee met six times during the year.

#### ***Investors' Grievance (Share) Committee***

## Edgar Filing: HDFC BANK LTD - Form 20-F

The Committee approves and monitors transfer, transmission, splitting and consolidation of shares. Allotment of shares to the employees on exercise of stock options granted under the various Employees Stock Option Schemes which are made in terms of the powers delegated by the Board in this regard are placed before the Committee for ratification. The Committee also monitors the redress of complaints from shareholders, such as complaints relating to the transfer of shares, non-receipt of the Annual Report, and dividends.

The Committee consists of Mr. Jagdish Capoor, Mr. Aditya Puri and Mr. Gautam Divan. The Committee is chaired by Mr. Capoor. The powers to approve share transfers and dematerialization requests have been delegated to executives of the Bank to expedite the process of share transfers.

As on March 31, 2010, 78 instruments of transfer representing 4,346 shares were pending. These have since been processed. The details of the transfers are reported to the Board of Directors from time to time.

## **Table of Contents**

During the year under review 1,888 complaints were received from the shareholders. All the complaints were attended to and as at March 31, 2010 no complaints remained unattended. Besides 10,907 letters were received from shareholders relating to change of address, nomination requests, ECS / NECS Mandates, queries relating to annual reports, amalgamation, request for revalidation of dividend and fractional warrants and other investor related matters. These letters have also been responded to.

The Committee met fifteen times during the year.

### ***Risk Monitoring Committee***

This Committee was formed as per the guidelines of the Reserve Bank of India on Asset Liability Management / Risk Management Systems. The Committee develops the Bank's credit and market risk policies and procedures, verifies adherence to various risk parameters and prudential limits for treasury operations and reviews its risk monitoring system. The Committee also ensures that the Bank's credit exposure to any one group or industry does not exceed internally set limits and that risk is prudentially diversified.

The Committee consists of Mrs. Renu Karnad, Mr. Aditya Puri, Mr. C. M. Vasudev and Mr. Paresh Sukthankar. The Committee is chaired by Mrs. Renu Karnad.

The Committee met six times during the year.

### ***Credit Approval Committee***

The Credit Approval Committee approves credit exposures, which are beyond the powers delegated to the executives of the Bank. This facilitates a quick response to the needs of the customers and speedy disbursement of loans. The Committee consists of Mr. Jagdish Capoor, Mr. Aditya Puri, Mr. Keki Mistry and Mr. Gautam Divan. The Committee is chaired by Mr. Capoor.

The Committee met fifteen times during the year.

### ***Premises Committee***

The Premises Committee approves purchases and leasing of premises for the use of the Bank's branches, back offices, ATMs and residence of executives in accordance with the guidelines laid down by the Board. The Committee consists of Mrs. Renu Karnad, Mr. Aditya Puri, Mr. Ashim Samanta and Dr. Pandit Palande. The Committee is chaired by Mrs. Renu Karnad.

The Committee met five times during the year.

### ***Nomination Committee***

The Bank has constituted a Nomination Committee for recommending the appointment of independent / non-executive directors on the Board of the Bank. The Nomination Committee scrutinizes the nominations for independent / non-executive directors with reference to their qualifications and experience. For identifying Fit and Proper persons, the Committee adopts the following criteria to assess competency of the persons nominated:

academic qualifications, previous experience, track record; and

integrity of the candidates.

For assessing integrity and suitability, factors like criminal records, financial position, civil actions undertaken to pursue personal debts, refusal of admission to and expulsion from professional bodies, sanctions applied by regulators or similar bodies and previous questionable business practices are considered.

The members of the Committee are Mr. Arvind Pande, Mr. Ashim Samanta and Dr. Pandit Palande. The Committee is chaired by Mr. Arvind Pande. All the members of the Committee are independent directors.

The Committee met once during the year.

## **Table of Contents**

### ***Fraud Monitoring Committee***

Pursuant to the directions of the Reserve Bank of India, the Bank has constituted a Fraud Monitoring Committee, exclusively dedicated to the monitoring and following up of cases of fraud involving amounts of Rs.1 crore and above. The objective of this Committee is the effective detection of frauds and immediate reporting thereof to regulatory and enforcement agencies of actions taken against the perpetrators of frauds. The terms of reference of the Committee are as under:

- a. Identify the systemic lacunae, if any, that facilitated perpetration of the fraud and put in place measures to plug the same;
- b. Identify the reasons for delay in detection, if any, reporting to top management of the Bank and RBI;
- c. Monitor progress of investigation by the Central Bureau of Investigation / Police Authorities and recovery position;
- d. Ensure that staff accountability is examined at all levels in all the cases of frauds and staff side action, if required, is completed quickly without any loss of time;
- e. Review the efficacy of the remedial action taken to prevent recurrence of frauds, such as strengthening of internal controls; and
- f. Put in place other measures as may be considered relevant to strengthen preventive measures against frauds.

The members of the Committee are Mr. Jagdish Capoor, Mr. Aditya Puri, Mr. Keki Mistry, Mr. Arvind Pande and Mr. Gautam Divan. The Committee is chaired by Mr. Jagdish Capoor.

The Committee met four times during the year.

### ***Customer Service Committee***

The Committee monitors the quality of services rendered to the customers and also ensures implementation of directives received from RBI in this regard. The terms of reference of the Committee are to formulate comprehensive deposit policy incorporating the issues arising out of death of a depositor for operations of his account, the product approval process, the annual survey of depositor satisfaction and the triennial audit of such services.

The members of the Committee are Mr. Keki Mistry, Mr. Arvind Pande, Dr. Pandit Palande and Mr. Harish Engineer. The Committee is chaired by Mr. Arvind Pande.

The Committee met four times during the year.

### ***Committees of Executives***

We have also established committees of executives that meet frequently to discuss and determine the management of assets and liabilities and other operations and personnel issues.

### ***Borrowing Powers of Directors***

Our shareholders, at the annual general meeting held on June 10, 2008, passed a special resolution pursuant to Section 293(1)(d) of the Companies Act, authorizing the board of directors to borrow, for business purposes of the Bank, such sum or sums of money as they may deem necessary, notwithstanding the fact that the money borrowed or to be borrowed from time to time (apart from acceptances of deposits of money

## Edgar Filing: HDFC BANK LTD - Form 20-F

from the public repayable on demand or otherwise and withdrawable by check, draft, order or otherwise and/or temporary loans obtained in the ordinary course of business from banks, whether in India or outside India) will exceed our aggregate of paid-up capital and free reserves, subject to the condition that the total outstanding amount of such borrowings shall not exceed Rs. 200.0 billion over and above our aggregate paid-up capital and free reserves at any time.

The terms on which the board of directors may borrow funds may include the lender's right to appoint directors, the allotment of shares to certain public financial institutions and, with prior shareholder and regulatory approval, the allotment of shares to other entities.

**Table of Contents****Compensation of Directors and Members of our Senior Management**

The compensation arrangements for our Chairman, Managing Director and Executive Directors are approved by the shareholders and the RBI on the recommendation of our Board of Directors.

At the 16th Annual General Meeting held on June 30, 2010, shareholders approved the reappointment of our Managing Director for a further three-year period and also approved the revised salary/compensation and allowances of the Managing Director, with effect from April 1, 2010 subject to the approval of the RBI. The RBI has since approved the reappointment of Mr. Aditya Puri as the Managing Director of the Bank for a further period of three years up to March 31, 2013 and also the revision in his remuneration. At the same Annual General Meeting the shareholders of the Bank also approved the reappointments of Mr. Harish Engineer and Mr. Paresh Sukthankar as Executive Directors for periods from October 12, 2010 to September 30, 2013 and October 11, 2013, respectively, and also approved their salary/compensation, with effect from October 12, 2010 subject to the approval of the RBI.

For fiscal 2010, the aggregate amount of compensation paid to our Managing Director, Executive Directors and members of our senior management was approximately Rs. 244.3 million, including the aggregate amount accrued by us to provide pension, retirement or similar benefits.

Under our organizational documents, each director, except the Managing Director and Executive Directors, is entitled to sitting fees for attending each meeting of the Board of Directors or of a Board committee. The amount of sitting fees is set by the Board from time to time in accordance with limitations prescribed by the Companies Act or the Government of India. At the Board meeting held on October 17, 2006, it was decided that sitting fees for attending Board meetings and committee meetings would be Rs. 20,000 per meeting, except in the case of meetings of the Investors Grievance (Share) Committee, for which the sitting fees are Rs. 10,000 per meeting. We reimburse directors for travel and related expenses in connection with Board and committee meetings and related matters. Stock options have not been granted to Non-Executive Directors.

Mr. Jagdish Capoor, Chairman, was paid remuneration of Rs. 1.5 million during fiscal 2010. Mr. Capoor is also paid sitting fees for attending Board and Committee meetings.

The details of the remuneration paid during fiscal 2010 to Mr. Aditya Puri, Managing Director and Mr. Harish Engineer and Mr. Paresh Sukthankar, Executive Directors, in Rupees (except stock option amounts) are as follows:

Particulars	Aditya Puri	Harish Engineer	Paresh Sukthankar
Basic	12,360,000	7,140,000	7,140,000
Allowances	10,745,806	6,459,459	6,336,574
Provident Fund	1,483,200	856,800	856,800
Superannuation	1,854,000	1,071,000	1,071,000
Performance Bonus	7,643,864	4,437,688	4,437,688
Number of Stock Options granted during the year	Nil	Nil	Nil

The Bank provides for gratuity in the form of a lump-sum payment on retirement or on death while in employment or on termination of employment of an amount equivalent to 15 days basic salary payable for each completed year of service. The Bank makes annual contributions to a gratuity fund administered by trustees and managed by insurance companies for amounts notified by the said insurance companies. The Bank accounts for the liability for future gratuity benefits based on an independent external actuarial valuation carried out annually. Perquisites (evaluated as per Income Tax Rules wherever applicable and at actual cost to the Bank otherwise) such as the benefit of furnished accommodation, gas, electricity, water and furnishings, club fees, personal accident insurance, use of car and telephone at residence, medical reimbursement, leave and leave travel concession and retiral benefits such as provident fund, super annuation and gratuity are also provided.

The details of sitting fees paid to Non-Executive Directors during fiscal 2010 are as follows:

Name of the Director	Sitting Fees (Rs.)
Mr. Jagdish Capoor	640,000
Mr. Keki Mistry	520,000
Mrs. Renu Karnad	340,000



Edgar Filing: HDFC BANK LTD - Form 20-F

Mr. Arvind Pande	480,000
Mr. Ashim Samanta	520,000
Mr. C. M. Vasudev	360,000
Mr. Gautam Divan	910,000
Dr. Pandit Palande	560,000

**Table of Contents**

The details of remuneration paid to employees who were employed throughout the year and were in receipt of remuneration of more than Rs. 2.4 million per annum and those employed for part of the year and were in receipt of remuneration of more than Rs. 0.2 million per month are given in the Annex to the Directors' Report in terms of the provisions of Section 217 (2A) of the Indian Companies Act, 1956. Section 219 (1) (iv) of the Indian Companies Act, 1956 provides that the Annex need not be circulated to shareholders. Any shareholder wishing to obtain the details of remuneration may write to the Bank and obtain a copy of the Annex to the Directors' Report.

We granted 34,000 stock options to members of our senior management (other than our Managing Director and Executive Directors) during fiscal 2010.

Other than our Chairman, Managing Director and Executive Directors, none of our directors has a service contract with us.

**Table of Contents****Loans to Members of our Senior Management**

Loans to members of our senior management are granted in the normal course within the Bank's scheme, as is the case with employees of the Bank. This is within the provisions of local regulations.

Name	Largest amount outstanding since March 31, 2009 (Rs. in million)	Amount outstanding as of March 31, 2010 (Rs. in million)	Interest rate as of March 31, 2010 (%)	Nature of Loan
Aditya Puri	5.00	5.00	10.25	Housing loan
Harish Engineer	2.30	2.30	10.25	Housing loan
Abhay Aima	6.88	6.75	10.25	Housing loan
Anil Jaggia	20.00	20.00	10.25	Housing loan
Ashish Parthasarthy	6.86	6.78	10.25	Housing loan
G. Subramanian	3.87	2.87	10.25	Housing loan
Kaizad Bharucha	4.77	4.70	10.25	Housing loan
Mandeep Maitra	3.66	3.46	10.25	Housing loan
	0.01			Personal loan
Navin Puri	4.55	4.40	10.25	Housing loan
	0.19	0.11	5.00	Personal loan
Rahul N Bhagat	3.99	3.99	10.25	Housing loan
Rajan Ananthanarayan	4.11	3.88	10.25	Housing loan
	0.04			Personal loan
Pralay Mondal	4.25	4.19	10.25	Housing loan
	0.12	0.03	5.00	Personal loan
Sashi Jagdishan	6.73	6.63	10.25	Housing loan

**Employees Stock Options**

Our shareholders approved plan A-(year 2000) in January 2000, plan B-(year 2003) in June 2003, plan C-(year 2005) in June 2005 and plan D-(year 2007) in June 2007 for the issuance of stock options to employees and directors of the Bank under the Employees Stock Option Schemes (ESOSs), namely ESOS-001 to ESOS-013. Under plan A, the option price is set as the average of the daily closing prices on the Bombay Stock Exchange Limited during the 60 days preceding the grant date. Under plan B, the option price is set as the closing prices on the business day preceding the grant date on whichever stock exchange in India has the highest trading volume for our shares during the two weeks preceding the date of grant. Under plans C and D, the option price is set as the closing price on the business day preceding the grant date on the stock exchange where there is the highest trading volume. Our Compensation Committee has issued options under these plans on eight separate occasions since January 2000. The options granted under ESOS-001 to ESOS-009 vest at the rate of 30.0%, 30.0% and 40.0% on each of the three successive anniversaries following the date of grant, stock options granted under ESOS-010 to ESOS-013 vest at the rate of 50% and 50% on each of the two successive anniversaries following the date of grant and those granted under ESOS-014 and ESOS-015 vest completely on the first anniversary of the date of the grant, all the above are subject to standard vesting conditions. In fiscal 2010, 6.16 million equity shares were allotted as a result of the exercise of stock options by the employees of the Bank. This resulted in our paid-up capital increasing by Rs. 61.6 million and the share premium by Rs. 54.98 million. As of March 31, 2010, 20.5 million options were outstanding.

On acquisition of CBoP, all options granted to the employees of CBoP and outstanding as on the effective date were converted in the swap ratio of 1 option of HDFC Bank for every 29 options of CBoP. Correspondingly the exercise price of the converted options was determined based on the exercise price originally stipulated by CBoP multiplied by 29. These options are exercisable within a period of 5 years from the date of vesting. Key options were granted at an exercise price, which was less than the then market price of the shares. General options were granted at the market price. The market price was the latest available closing price, prior to the date of the meeting of the Compensation Committee of the Board in which options were granted or shares issued, on the stock exchange on which the Bank was listed. As the shares of the Bank were listed on more than one stock exchange, the closing price on the stock exchange where trading volume on said date was the highest was considered.



---

## **Table of Contents**

### **Other Compensation**

All employees, including our Managing Director, Executive Directors and officers, receive the benefit of our gratuity and provident fund retirement schemes. Our superannuation fund covers all employees at manager level or above, including our Managing Director. Our gratuity fund, required under Indian law, is a defined benefit plan that, upon retirement, death while employed or termination of employment, pays a lump sum equivalent to 15 days' basic salary for each completed year of service. The superannuation fund is a retirement plan under which we annually contribute 13.0% (15.0% for the Managing Director) of the eligible employee's annual salary to the administrator of the fund. Under the provident fund, required by Indian law, both we and the employee contribute monthly at a determined rate (currently 12.0% of the employee's basic salary). Of this, the Bank contributes an amount (currently 8.33% of the lower of Rs. 6,500 or the employee's basic salary) to the pension scheme administered by the Regional Provident Fund Commissioner, and the balance is contributed to a fund we set up which is administered by a board of trustees. We have no liability for future provident fund benefits other than our annual contribution, and we recognize such contributions as an expense in the year incurred.

### **Controls and Procedures**

#### ***Evaluation of Disclosure Controls and Procedures***

As of March 31, 2010, our principal executive officer and principal financial officer conducted an evaluation pursuant to Rule 13a-15 promulgated under the United States Securities Exchange Act of 1934, as amended (the Exchange Act), of the effectiveness of the design and operation of our disclosure controls and procedures. Based on this evaluation, our principal executive officer and principal financial officer concluded that, as of the date of their evaluation, such disclosure controls and procedures were effective.

### **Management's Report on Internal Control Over Financial Reporting**

Our management is responsible for establishing and maintaining adequate internal control over financial reporting as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act. Our internal control over financial reporting is a process to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. Our internal control over financial reporting includes those policies and procedures that:

pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect transactions and dispositions of our assets;

provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that our receipts and expenditures are being made only in accordance with authorizations of our management and directors; and

provide reasonable assurance regarding prevention or timely detection of unauthorized acquisitions, use or dispositions of our assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Management assessed the effectiveness of our internal control over financial reporting as of March 31, 2010. In conducting its assessment of internal control over financial reporting, management based its evaluation on the framework in Internal Control - Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). Based on its assessment, management has concluded that our internal control over financial reporting was effective as of March 31, 2010.

Our independent registered public accounting firm, Deloitte Haskins & Sells, has performed an integrated audit and has issued their report, included herein, on (1) our consolidated financial statements and (2) the effectiveness of our internal control over financial reporting as of March 31, 2010.

**Changes in Internal Controls**

There were no changes in our internal controls or in other factors that could materially or are reasonably likely to materially affect these controls during the period covered by this report.

**Table of Contents****Audit and Compliance Committee Financial Expert**

Mr. Gautam Divan is the audit committee financial expert as defined in Item 401(h) of Regulation S-K and is independent pursuant to applicable Commission rules. Effective July 21, 2010 Mr. Divan retired from the Board of the Bank.

**Code of Ethics**

We have a written code of ethics applicable to the Managing Director (Chief Executive Officer), the Chief Financial Officer and members of our senior management of the Bank. We believe the code constitutes a code of ethics as defined in Item 16B of Form 20-F. We will provide a copy of such code of ethics to any person without charge upon request. Requests may be made by writing to investor.helpdesk@hdfcbank.com.

We also have a whistle blower policy that contains procedures for receiving, retaining and treating complaints received, and procedures for the confidential and anonymous submission by employees of complaints, regarding questionable accounting or auditing matters or conduct which results in a violation of law by the Bank or in a substantial mismanagement of the Bank's resources. Under this whistle blower policy, our employees are encouraged to report questionable accounting matters or any fraudulent financial information provided to our shareholders, the government or the financial markets, or any conduct that results in a violation of law by the Bank, to our management (on an anonymous basis, if employees so desire). Under this policy we have also prohibited discrimination, retaliation or harassment of any kind against any employee who, based on the employee's reasonable belief that such conduct or practices have occurred or are occurring, reports such information or participates in an investigation.

**Principal Accountant Fees and Services**

The following table sets forth for the fiscal years indicated the fees paid to our principal accountant and its associated entities for various services provided during these periods.

Type of Services	Fiscal Year Ended		Description of Services
	March 31, 2009	March 31, 2010	
	(in millions)		
Audit services	Rs. 26.0	Rs. 26.0	Audit of financial statements
Audit-related services			Services related to review of financial statements and due diligence
Tax services			Tax audit, tax returns, tax processing, tax filing and advisory services
Other services	0.2	1.2	Special audit/other advisory services
<b>Total</b>	<b>Rs. 26.2</b>	<b>Rs. 27.2</b>	

Our Audit and Compliance Committee charter requires us to receive the approval of our Audit and Compliance Committee on every occasion we engage our principal accountants or their associated entities to provide us any non-audit services. All of the non-audit services provided by our principal accountants or their associated entities in the previous two fiscal years have been pre-approved by our Audit and Compliance Committee.

**Table of Contents**

**Compliance with NYSE Listing Standards on Corporate Governance**

We are incorporated under the Indian Companies Act, 1956, and our equity shares are listed on Bombay Stock Exchange Limited and the National Stock Exchange of India Limited, which are the major stock exchanges in India. Our corporate governance framework is in compliance with the Companies Act, the regulations and guidelines of Securities and Exchange Board of India ( SEBI ) and the requirements of the listing agreements entered into with the Indian stock exchanges. We also have American Depository Shares (ADSs) listed on the New York Stock Exchange LLC (the NYSE ).

Companies listed on the NYSE must comply with certain standards of corporate governance set forth in Section 303A of the NYSE s Listed Company Manual. Listed companies that are foreign private issuers, as the term is defined in Rule 3b-4 under the Securities Exchange Act of 1934 ( Exchange Act ), are permitted to follow home country practices in lieu of the provisions of this Section 303A, except that foreign private issuers are required to comply with the requirements of Sections 303A.06, 303A.11 and 303A.12(b) and (c) of the NYSE s Listed Company Manual. As per these requirements, a foreign private issuer must:

1. Establish an independent audit committee that has specified responsibilities and authority. *[NYSE Listed Company Manual Section 303A.06];*
2. Provide prompt written notice by its chief executive officer if any executive officer becomes aware of any non-compliance with any applicable corporate governance rules. *[NYSE Listed Company Manual Section 303A.12(b)];*
3. Provide to the NYSE annual written affirmations with respect to its corporate governance practices, and interim written affirmations in the event of a change to the board or a board committee. *[NYSE Listed Company Manual Section 303A.12(c)];* and
4. Include a statement of significant differences between its corporate governance practices and those followed by U.S. companies in the annual report of the foreign private issuer. *[NYSE Listed Company Manual Section 303A.11].*

In a few cases, the Indian corporate governance rules under Clause 49 differ from those in the NYSE s Listed Company Manual as summarized below:

**NYSE Corporate Governance Standards applicable to NYSE Listed Companies  
Board of Directors ( Board )**

An NYSE listed company needs to have a majority of independent directors. *[NYSE Listed Company Manual Section 303A.01]*

A director must meet certain criteria in order to qualify as independent . An NYSE listed company must disclose the identity of its independent directors and the basis upon which it is determined they are independent. *[NYSE Listed Company Manual Section 303A.02]*

**Corporate Governance Rules as per Listing Agreements with Indian Stock Exchange(s)**

The board of an Indian stock exchange listed company needs to have an optimum combination of executive and non-executive directors, with not less than 50% of the directors being non-executive directors.

If the chairman of the board of directors is a non-executive director of the company, at least one third of the directors must be independent. If the chairman is an executive director, at least half of the directors must be independent. However, if the non-executive chairman is a promoter of the company or is related to any promoter or person occupying management positions at the Board level or one level below the Board, at least one-half of the Board of the company must be independent.

The definition of the term independent is different and is set out in Clause 49 (I)(A)(iii) of the Listing Agreement.





**Table of Contents**

***Executive Sessions***

Non-management directors need to meet at regularly scheduled executive sessions without management. *[NYSE Listed Company Manual Section 303A.03]*

There is no requirement for such sessions.

***Nominating/Corporate Governance Committee***

An NYSE listed Company needs to have a nominating/corporate governance committee composed entirely of independent directors. *[NYSE Listed Company Manual Section 303A.04]*

An Indian stock exchange listed company may, but is not required to, have a nomination committee, and if it does, the committee need not be comprised entirely of independent directors.

The nominating / corporate governance committee needs to have a written charter that addresses certain specific committee purposes and responsibilities and provides for an annual performance evaluation of the committee. *[NYSE Listed Company Manual Section 303A.04]*

If an Indian stock exchange listed company has a nomination committee, it is not required to have a charter for that committee. The performance evaluation of non-executive directors can be done by a peer group comprised of the entire board of directors, excluding the director being evaluated.

***Compensation Committee***

An NYSE listed company needs to have a compensation committee composed entirely of independent directors. *[NYSE Listed Company Manual Section 303A.05]*

As per non-mandatory Indian requirement, Indian stock exchange listed companies to establish a compensation/remuneration committee to determine on behalf of the board and the shareholders the company's policy on specific remuneration packages for executive directors, including compensation and pension rights. To avoid conflicts of interest, any compensation committee must consist of at least three non-executive directors. The chairman of any compensation committee must be an independent director.

The compensation committee needs to have a written charter that addresses certain specific purposes and responsibilities of the committee and provides for an annual performance evaluation of the committee. *[NYSE Listed Company Manual Section 303A.05]*

Any compensation committee may, but is not required to, have a charter. The annual corporate governance report of an Indian stock exchange listed company generally provides details of remuneration, including brief details of any compensation committee's agreed terms of reference.

***Audit Committee***

An NYSE listed company needs to have an audit committee with at least three members that satisfies the independence requirements of Rule 10A-3 under the Exchange Act and the requirements of NYSE Corporate Governance Standard 303A.02. *[NYSE Listed Company Manual Section 303A.06 and 303A.07]*

An Indian stock exchange listed company must have a qualified and independent audit committee comprised of at least three members with certain specified powers and roles. At least 2/3 of the members must be independent and all members must be financially literate and at least one member must have accounting or related financial management expertise. The chairman of the committee must be an independent director.

The audit committee needs to have a written charter that addresses certain specific purposes of the committee, provides for an annual performance evaluation of the committee and sets forth certain specific minimum duties and responsibilities. *[NYSE Listed Company Manual Section 303A.07]*.

The audit committee is not required to have a written charter. However, Clause 49C sets out the powers of the audit committee and Clause 49D sets forth the required roles of the audit committee.

## **Table of Contents**

### ***Internal Audit Function***

An NYSE listed company needs to have an internal audit function to provide management and the audit committee with ongoing assessments of the company's risk management processes and system of internal control. A company may choose to outsource this function to a third party service provider other than its independent auditor. [NYSE Listed Company Manual Section 303A.07]

Although an internal audit function is not required, one of the roles of the audit committee is *reviewing the adequacy of internal audit function, if any, including the structure of the internal audit department, staffing and seniority of the official heading the department, reporting structure coverage and frequency of internal audit.* Therefore, an Indian stock exchange listed company is required to conduct an internal audit and to have a department to conduct the internal audit.

### ***Shareholder Approval of Equity Compensation Plans***

Shareholders must be given the opportunity to vote on all equity-compensation plans and material revisions thereto, with limited exemptions. [NYSE Listed Company Manual Section 303A.08]

There is no such requirement under Clause 49 for equity compensation and material revisions thereto. However, there is a requirement of shareholders approval for the same under the Companies Act, 1956 and the SEBI (Employee Stock Option Scheme and Employee Stock Purchase Scheme) Guidelines, 1999.

### ***Corporate Governance Guidelines/Code of Ethics***

An NYSE listed company needs to adopt and disclose corporate governance guidelines. [NYSE Listed Company Manual Section 303A.09]

There is no such mandatory requirement to adopt corporate governance guidelines. An Indian stock exchange listed company has to comply with all the requirements prescribed under Clause 49.

An NYSE listed company needs to adopt and disclose a code of business conduct and ethics for directors, officers and employees, and promptly disclose any waivers of the code for directors or executive officers. [NYSE Listed Company Manual Section 303A.10]

An Indian stock exchange listed company needs to adopt a code of conduct / ethics applicable to all members of the board of directors and senior management one level below the board. The company's annual report must disclose any non-compliance with the code by the board members and senior management.

### ***Certifications as to Compliance***

The CEO of each NYSE listed company has to certify on an annual basis that he or she is not aware of any violation by the company of the NYSE corporate governance listing standards. This certification, as well as the CEO/CFO certification required under Section 302 of the Sarbanes-Oxley Act of 2002, must be disclosed in the company's annual report to shareholders. [NYSE Listed Company Manual Section 303A.12]

The CEO and the CFO are required to provide an annual certification on the true and fair view of the company's financial statements and compliance with existing accounting standards, applicable laws and regulations.

In addition, Indian stock exchange listed companies are required to submit a quarterly compliance report.

Indian stock exchange listed companies are also required to submit a certificate from either the auditors or practicing company secretaries regarding compliance of conditions of corporate governance.

### ***Posting of Charters, Guidelines, etc. on Website***

An NYSE listed company is required to post the charters of its audit, compensation, and nominating/corporate governance committees, its corporate governance guidelines, and its code of business conduct and ethics on the company's website, and to state in its proxy statement or annual report that these documents are so posted. The listed company's website address must be included in such postings. [NYSE Listed Company Manual Section 303A.04, 303A.05, 303A.07, 303A.09 and 303A.10].

There is no such similar requirement for an Indian listed company. However, the Board of an Indian listed company must have a code of conduct for all Board members and senior management of the company. The code of conduct must be posted on the website of the company.



**Table of Contents**

**Memorandum and Articles of Association**

Our main objects are to carry on banking activity and other related activities. Our objects and purposes can be found in clauses A and B of our Articles of Association (the "Articles").

Under the Articles, a director may not vote, participate in discussions or be counted for purposes of a quorum with respect to any decision relating to whether we will enter into any contract or arrangement if the director is directly or indirectly interested in such contract or arrangement. The board of directors may not hold meetings in the absence of a quorum. Pursuant to the Companies Act, our directors have the power to borrow money for business purposes only with the consent of the shareholders (with certain limited exceptions).

Sections 172 through 187 of the Articles set forth certain rights and restrictions relating to dividend distributions. One of these restrictions is that dividends may be approved only at a general meeting of shareholders, but in no event in an amount greater than the amount recommended by the board of directors.

Subject to the Companies Act, profits of a company are divisible among shareholders in proportion to the amount of capital paid up on the shares held by them respectively. In the event of liquidation, surplus will be distributed in proportion to the capital paid up or which ought to have been paid up on the shares held by shareholders respectively at the time of commencement of the winding up. The board of directors may make calls on shareholders in respect of all money unpaid on the shares held by them and not by the conditions of allotment thereof.

The rights and privileges of any class of shareholders may not be modified without the approval of three-fourths of the issued shares of that class or the sanction of a special resolution passed at a separate meeting of the holders of the issued shares of that class.

The annual general meeting shall be called for at a time during business hours at our registered office or at some other place within Mumbai as the board of directors may determine. The notice of the meeting shall specify it as the Annual General Meeting. Any general meeting of the shareholders of the bank other than its Annual General Meeting is called an Extraordinary General Meeting. The board of directors is required to call an Extraordinary General Meeting, upon the request of a set number of shareholders, as set forth in the Companies Act.

**Table of Contents****PRINCIPAL SHAREHOLDERS**

The following table contains information relating to the beneficial ownership of our equity shares as of March 31, 2010 by:

each person or group of affiliated persons known by us to beneficially own 5.0% or more of our equity shares; and

individual directors and their relatives as well as the senior management of the Bank.

Beneficial ownership is determined in accordance with the rules of the SEC and includes voting and investment power with respect to equity shares. Unless otherwise indicated, the persons listed in the table have sole voting and sole investment control with respect to all equity shares beneficially owned. All shares issued in India have the same voting rights. We have not issued different classes of securities.

We were founded by HDFC Limited, a housing finance company in India. As of March 31, 2010, HDFC Limited, together with its subsidiaries, held an aggregate of 23.73% of our equity shares.

	Number of Shares	Percentage of Total Equity Shares Outstanding
HDFC group	108,643,220	23.73%
Life Insurance Corporation of India	33,661,306	7.35%
Directors and senior management as a group	1,181,805	0.26%

The ADSs are represented by underlying equity shares. As on March 31, 2010, Indian equity shares numbering 77,694,909 represent the ADSs and constitute 16.97% of the Bank's capital. In our books only, the Depository, J.P. Morgan Chase Bank, is the shareholder with respect to equity shares underlying ADSs. We are unable to estimate the number of record holders of ADSs in the United States.

Pursuant to the merger of Centurion Bank of Punjab Limited (CBoP) and in line with the shareholder and regulatory approvals, we allotted 26,200,220 warrants convertible into an equivalent number of our equity shares to HDFC Ltd on a preferential basis at a strike price of Rs.1,530.13 per warrant. These warrants were exercised on November 30, 2009 and subsequently 26,200,220 equity shares were allotted to HDFC Ltd. as per the terms of the preferential issue.

**Table of Contents****RELATED PARTY TRANSACTIONS**

The following is a summary of transactions we have engaged in with our promoter and principal shareholder, HDFC Limited and its subsidiaries and other related parties, including those in which we or our management have a significant equity interest. Figures herein reflecting our equity interests exclude shares held by our Employees Welfare Trust, an independent trust established for the benefit of our employees.

All transactions with HDFC group companies and the other related parties listed below are on terms that we believe are as favorable to us as those that could be obtained from a non-affiliated third party in an arm's-length transaction. In addition, our banking license from the RBI stipulates that we can only transact business with HDFC Limited and its affiliates on an arm's-length basis.

**HDFC Securities Ltd ( HSL )**

We own an aggregate of 59% of HSL. As of March 31, 2010 the book value of our investment in HSL was Rs. 237.6 million. In fiscal 2010, we earned Rs. 76.0 million from HSL towards services rendered. We incurred an expense of Rs. 37.9 million for sales assistance provided by HSL. During fiscal 2010, we gave an advance of Rs. 390.1 million which was repaid by HSL in the same fiscal year. We received Rs. 0.7 million as interest from HSL. We also received Rs. 1.8 million as a dividend from HSL during fiscal 2010. An amount of Rs. 1.9 million was payable to HSL as of March 31, 2010. We have given guarantees on behalf of HSL amounting to Rs. 180.0 million which was outstanding as of March 31, 2010. We also have a security deposit of Rs. 0.1 million as of March 31, 2010 with HSL.

**HDB Financial Services Ltd. ( HDBFSL )**

We own an aggregate of 95.23% of HDBFSL. HDBFSL is a non-banking financial company and our subsidiary. As at March 31, 2010, the book value of our investment in HDBFSL was Rs. 1,000.0 million. During the year we earned Rs. 26.0 million from HDBFSL towards services rendered. During the year, we gave a term loan of Rs. 2,000.0 million to HDBFSL which was outstanding as of March 31, 2010. We received Rs. 54.6 million as interest from HDBFSL. During the year, we incurred expenses of Rs. 292.7 million towards collection fees and other services provided by HDBFSL. As of March 31, 2010, an amount of Rs. 27.0 million was payable to HDBFSL. We have a security deposit of Rs. 60.0 million with HDBFSL.

**Housing Development Finance Corporation Limited ( HDFC Limited )*****Housing Loans***

We participate in the home loan business by selling loans provided by HDFC Limited. Under this arrangement HDFC Limited approves and disburses the loans, which are kept on the books of HDFC Limited, and we are paid a sourcing fee. Under the arrangement, HDFC Limited agrees to provide us the right to buy back 70% of the home loans sourced and disbursed pursuant to services rendered by us. We earned Rs. 771.0 million from HDFC Limited in fiscal 2010 as fees for selling these loans and other services rendered. An amount of Rs. 129.3 million was receivable from HDFC Limited as of March 31, 2010. During fiscal 2010, we purchased AAA rated home loans aggregating to Rs. 48,702.9 million from HDFC Ltd. under the above arrangement some of which qualified as priority sector advances.

***Property***

We have facilities located on seven properties owned or leased by HDFC Limited. In fiscal 2010, we paid an aggregate of Rs. 10.5 million as rental fees, maintenance and service charges to HDFC Limited for use of these properties. We believe that we pay market rates for these properties. As of March 31, 2010, an amount of Rs. 1.5 million was payable as rent to HDFC Ltd. As of March 31, 2010, HDFC Limited held a deposit of Rs. 1.5 million that we have paid to secure these leased properties.

***Capital Transaction***

Pursuant to the merger of Centurion Bank of Punjab Limited (CBoP) and in line with the shareholder and regulatory approvals, we allotted 2,62,00,220 warrants convertible into an equivalent number of equity shares to HDFC Limited. In fiscal 2010, we received an amount of Rs. 36,080.6 million from HDFC Limited, being the balance 90% on account of exercising its right to convert warrants into equity shares (we had received in fiscal 2009, Rs. 4,009.2 million being the application amount from HDFC Limited).





**Table of Contents**

***Other Transactions***

We also enter into foreign exchange and derivative transactions with HDFC Limited. The notional principal amount and the mark to market gains in respect of foreign exchange and derivative contracts outstanding as of March 31, 2010 was Rs. 9,701.2 million and Rs. 18.9 million respectively.

We paid a dividend of Rs. 524.4 million to HDFC Limited during fiscal 2010, as proposed in the previous fiscal.

**HDFC Standard Life Insurance Company Ltd ( HDFC Standard Life )**

In fiscal 2010, we paid HDFC Standard Life Rs. 174.6 million as our contribution towards superannuation in respect of our employees. In the same period, we received fees and commissions from HDFC Standard Life aggregating Rs. 5,336.0 million for the sale of insurance policies and other services. As of March 31, 2010, commissions amounting to Rs. 917.9 million were receivable from HDFC Standard Life.

**HDFC Asset Management Company Ltd ( HDFC AMC )**

In fiscal 2010, we paid Rs. 7.1 million as rent to HDFC AMC. During fiscal 2010, we earned Rs. 352.8 million as fees from HDFC AMC for distribution of units of mutual funds and other services rendered.

**HDFC Ergo General Insurance Company Ltd. ( HDFC Ergo ) (formerly HDFC Chubb General Insurance Company Ltd. )**

We paid Rs. 324.0 million to HDFC Ergo towards insurance premia in fiscal 2010. A deposit of Rs. 4.3 million was kept with HDFC Ergo as of March 31, 2010. During fiscal 2010, we received Rs. 215.9 million for the sale of insurance policies and other services rendered. As of March 31, 2010, an amount of Rs. 52.1 million was receivable from HDFC Ergo.

**Atlas Documentary Facilitators Company Private Ltd ( ADFC )**

ADFC specializes in back-office processing. We regularly transact business with ADFC. In fiscal 2010, we incurred an expense of Rs. 2,445.0 million for back-office processing services. In the same period, we earned Rs. 162.1 million from ADFC towards services rendered. As of March 31, 2010, we had provided a security deposit amounting to Rs. 145.0 million to ADFC for the various services provided by ADFC and an amount of Rs. 232.2 million was payable for such services. As of that date, we retained an equity investment of Rs. 0.2 million in ADFC, which represents 29.0% of the share capital of ADFC. During the year, we received Rs. 0.04 million as dividends from ADFC. Members of our management team own an aggregate of 38.7% of the equity shares of ADFC.

**HBL Global Private Ltd ( HBL )**

HBL Global is a subsidiary of ADFC and provides us with direct sales support for certain of our products. HBL Global was paid a fee of Rs. 2,115.4 million for the year ended March 31, 2010. In the same period, we earned Rs. 26.0 million from HBL Global towards services rendered. As of March 31, 2010 we had provided a security deposit of Rs. 190.0 million for the services provided by HBL Global. An amount of Rs. 45.1 million was payable to HBL Global as of March 31, 2010. We also hold a deposit of Rs. 2.0 million in respect of properties leased to HBL. We do not presently have any direct investment in HBL Global.

**Salisbury Investments Private Ltd ( Salisbury Investments )**

We have paid a security deposit of Rs. 35 million to Salisbury Investments and, in fiscal 2010, we paid rent of Rs. 6.6 million for the residential accommodation of our Managing Director, to Salisbury Investments in which the relatives of the Managing Director hold a stake. The value of the security deposit and rent is based on an assessment by an independent professional property valuation expert.

**International Asset Reconstruction Co. Ltd. ( IARCL )**

IARCL was an associate of CBoP due to the latter's investment in the said Company, which we took over on the acquisition of CBoP. As of March 31, 2010, the book value of our investment in the equity and in cumulative compulsory convertible preference shares of IARCL was Rs. 135.2 million and Rs. 176.5 million respectively. We have an investment of Rs. 102.6 million in security receipts issued by IARCL as of March 31, 2010. During the year ended March 31, 2010 we received Rs. 4.2 million towards services rendered to IARCL. During fiscal 2010, we received Rs. 0.9 million as dividends on preference shares held in IARCL.



## Table of Contents

### **Centillion Solutions and Services (P) Ltd. (Centillion)**

Centillion was an associate of CBoP due to the latter's investment in the said Company, which we took over on the acquisition of CBoP. As of March 31, 2010 the book value of our investment in Centillion was Rs. 1.5 million. For the year ended March 31, 2010, we incurred expenses of Rs. 61.3 million towards payment of back-office processing services and other processing costs. As of March 31, 2010, we have kept a security deposit of Rs. 9.6 million with Centillion. During the year ended March 31, 2010 we paid Centillion Rs. 4.2 million towards purchase of fixed assets.

### **Key Management Personnel and their Relatives**

In fiscal 2010, we paid a total remuneration of Rs. 111.8 million to Mr. Aditya Puri, our managing director, and to Mr. Harish Engineer and Mr. Paresh Sukthankar who are our whole time executive directors. Remuneration includes the taxable value of perquisites as defined under the Indian Income Tax Rules. In the same fiscal year we paid Rs. 3.0 million and Rs. 1.8 million to Mr. Harish Engineer and Mr. Paresh Sukthankar respectively as rent for their residential accommodation. As of March 31, 2010, the outstanding balances of the security deposits we had given to Mr. Harish Engineer, his relatives and Mr. Paresh Sukthankar were Rs. 7.2 million, Rs. 7.8 million and Rs. 15.0 million, respectively. As of March 31, 2010, the outstanding balances of the housing loans given to Mr. Aditya Puri and Mr. Harish Engineer were Rs. 5.0 million and Rs. 2.3 million, respectively. We also earned interest income amounting to Rs. 0.3 million on the above loans in fiscal 2010.

### **Other Strategic Investments**

We frequently partner with other HDFC group companies when making strategic investments. We currently have two strategic investments in which HDFC group companies are co-investors. Without the prior approval of the RBI, we cannot hold more than a 30% equity stake in another company. The following is a list of strategic investments made by us and the HDFC group companies:

Company	Type of Business	HDFC Bank Investment (in millions)	HDFC Bank Ownership	Total HDFC Group ownership
Computer Age Management Services Private Limited ( CAMS )	Unit capital accounting and transfer agency services	Rs. 3.3	10.2%	31.2%
Softcell Technologies Limited ( Softcell )	Business-to-business software services	Rs. 26.0	12.0%	26.0%

During fiscal 2010, we sold our 19% stake in SolutionNet India Private Limited.

We routinely conduct business with some of the companies in which we have made strategic investments.

We paid Softcell Rs. 9.8 million for providing software-related services to us in fiscal 2010. An advance to Softcell Technologies Limited of Rs. 43.8 million was outstanding as of March 31, 2010. We received interest amounting to Rs. 1.4 million in fiscal 2010. In the same period, we paid Rs. 15.8 million to Softcell towards the purchase of fixed assets.

We have entered into normal banking transactions with some of the above parties and we believe all such transactions to be at arms-length.

**Table of Contents****TAXATION****Indian Taxation of the ADSs**

*The following is a summary of the principal Indian tax consequences for non-resident investors of the ADSs and the equity shares issuable on conversion of the ADSs. The summary is based on the provisions of Section 115AC and other applicable provisions of the Income Tax Act, 1961 (43 of 1961) (the Indian Income Tax Act ) and the Issue of Foreign Currency Convertible Bonds and Ordinary Shares (through Depository Receipt Mechanism) Scheme, 1993 promulgated by the government of India (the Depository Receipt Scheme ) (together the Section 115AC Regime ). Further, it only addresses the tax consequences for persons who are non-residents as defined in the Indian Income Tax Act, who acquire ADSs or equity shares (upon conversion) and who hold such ADSs or equity shares (upon conversion) as capital assets, and does not address the tax consequences which may be relevant to other classes of non-resident investors, including dealers. The summary assumes that the person continues to remain a non-resident when income by way of interest, dividends and capital gains is earned.*

**EACH INVESTOR IS ADVISED TO CONSULT THEIR TAX ADVISOR ABOUT THE PARTICULAR TAX CONSEQUENCES APPLICABLE ON INVESTMENTS IN THE ADSs.**

The following discussion describes the material Indian income tax and stamp duty consequences of the purchase, ownership and disposal of the ADSs.

This summary is not intended to constitute a complete analysis of the tax consequences under Indian law of the acquisition, ownership and sale of the ADSs (or equity shares upon conversion) by non-resident investors. Investors should therefore consult their tax advisors about the tax consequences of such acquisition, ownership and sale including, specifically, tax consequences under Indian law, the laws of the jurisdiction of their residence, any tax treaty between India and their country of residence or the United States, the country of residence of the overseas depository bank (the Depository ), as applicable and, in particular, the applicable provisions of the Income Tax Act and the Section 115AC Regime. The Indian Income Tax Act is amended every year by the Finance Act of the relevant year. Some or all of the tax consequences of the 115AC Regime may be modified or amended by future amendments to the Income Tax Act.

***Taxation of Distributions***

Upon withdrawal of equity shares from the depository facility, dividends paid to such non-resident holder are not presently taxable. However, we must pay a dividend distribution tax at the rate of 16.60875% (including 15.0% plus a surcharge of 7% of 15.0% and an add-on education cess at the rate of 3.0% of the total dividend distribution tax and surcharge) on the total amount distributed as dividend. In India, dividends are not taxable in the hands of the recipient.

Distribution to non-residents of bonus ADSs or bonus shares or rights to subscribe for equity shares (for the purposes of this section, Rights ) made with respect to ADSs or shares are not subject to Indian tax.

***Taxation on Acquisition of ADSs or Equity Shares Received Upon Conversion or in Exchange for ADSs***

The acquisition by a non resident holder of GDRs or of equity shares in exchange for ADSs does not constitute a taxable event for Indian income tax purposes. Such exchange may, however, give rise to stamp duty as described below under Stamp Duty.

***Taxation of Capital Gains in Relation to ADSs***

The transfer between non-resident investors outside India of ADSs falling within the purview of Section 115AC is not subject to income tax in India on capital gains therefrom.

It is unclear whether capital gains derived from the sale of Rights by a non-resident investor to another non-resident investor will be subject to tax liability in India. This would depend on the view taken by Indian tax authorities with respect to the status of the Rights being offered under the ADSs. If such Rights are deemed by the Indian tax authorities to be situated within India, the gains realized on the sale of such Rights, will be subject to Indian taxation. The capital gains realized on the sale of such Rights which will generally be in the nature of short-term capital gains, will be subject to tax at variable rates with a maximum of 40.0% excluding the applicable surcharge at the rate of 2.5% and add-on tax at the rate of 3.0%, in case of a foreign company and 30.0% excluding the applicable surcharge and add-on tax in case of resident employees and non-resident individuals with taxable income over Rs. 0.25 million.



---

## **Table of Contents**

### ***Taxation of Capital Gains in Relation to Equity Shares Received Upon Conversion or in Exchange for ADSs***

Capital gains realized by a non-resident investor on the transfer of the equity shares received upon conversion of the ADSs (whether in India or outside India to a non-resident investor) will be subject to income tax under the provisions of the Indian Income Tax Act.

Under the Indian Income Tax Act capital gains can be of two types, long term capital gains or short term capital gains. Normally, gains arising on sale of capital assets held for more than 36 months are considered as long term capital gains and gains arising on sale of capital assets held for less than 36 months are considered short term capital gains. Tax on long term and short term capital gains, if payable, shall be paid by the transferor.

Effective October 1, 2004, any gain realized on the sale of listed equity shares held for more than 12 months to an Indian resident, or to a non-resident investor in India, will not be subject to Indian capital gains tax if the Securities Transaction Tax ( STT ) has been paid on the transaction.

Since June 1, 2006, in respect of a sale and purchase of equity shares entered into on a recognized stock exchange, (i) both the buyer and the seller are required to pay STT at the rate of 0.125% of the transaction value of the securities, if the transaction is a delivery based transaction, which means that the transaction involves actual delivery or transfer of shares; and (ii) the seller of the shares is required to pay a STT at the rate of 0.025% of the transaction value of the securities if the transaction is a non-delivery based transaction, which means that the transaction is settled without taking actual delivery or transfer of the shares.

Any gain realized on the sale of equity shares to an Indian resident whether in India or outside India or to a non-resident in India for more than 12 months on which no STT has been paid will be subject to Indian capital gains tax at the rate of 10% plus applicable surcharge on income tax and add-on tax at the rate of 3% of the sale of shares. For the purpose of computing capital gains tax on the sale of the equity shares under the Section 115AC Regime, the cost of acquisition of equity shares received in exchange for ADSs will be determined on the basis of the prevailing price of the equity shares on the Bombay Stock Exchange Limited or the National Stock Exchange as of the date on which the depository gives notice to its custodian for the delivery of such equity shares upon redemption of the ADSs. A non-resident holder's holding period (for purpose of determining the applicable Indian capital gains tax rate) in respect of equity shares received in exchange for ADSs commences on the date of the advice of withdrawal of such equity shares by the relevant Depository to its custodian.

Capital gain realized in respect of equity shares held (calculated in the manner set forth in the prior paragraph) for 12 months or less (short-term gain) on which STT is paid in the manner and rates set out above is subject to tax at the rate of 10% plus applicable surcharge on income tax and an add-on tax at the rate of 3%. In the event that no STT is paid, short-term gain is subject to tax at variable rates with a maximum rate of 40% plus applicable surcharge on income tax and add-on tax at the rate of 3%. The actual rate of tax on short-term gains depends on a number of factors, including the legal status of the non-resident holder and the type of income chargeable in India. The provisions of the Agreement for Avoidance of Double Taxation entered into by the government of India with the country of residence of the non-resident investor will be applicable to the extent they are more beneficial to the non-resident investor. However, during the period of fiduciary ownership of equity shares in the hands of the Depository, the provisions of the Double Taxation Avoidance Agreement entered into by the government of India with the United States will be applicable in the matter of taxation of capital gains, if any, on ADSs.

### ***Tax Deduction at Source***

Tax on long-term and short-term capital gains is to be deducted at source by the person paying for equity shares, in accordance with the relevant provisions of the Indian Income Tax Act.

### ***Capital Losses***

Neither Section 115AC nor the Depository Receipt Scheme deals with capital losses arising on a transfer of equity shares in India. In general terms, losses arising from a transfer of a capital asset in India can only be set off against capital gains on transfer of another capital asset. Furthermore, a long-term capital loss can be set off only against a long-term capital gain. To the extent that losses are not absorbed in the year of transfer, they may be carried forward for a period of eight assessment years immediately succeeding the assessment year for which the loss was first determined by the assessing authority and may be set off against the capital gains assessable for such subsequent assessment years. In order to set off capital losses as above, the non-resident investor would be required to file appropriate and timely tax returns in India and undergo the customary assessment procedures. However, long-term capital loss on sale of equity shares being chargeable to STT will not be allowed to be set-off or carried forward for set-off against any capital gains.



---

## **Table of Contents**

### ***Stamp Duty***

There is no stamp duty on the sale or transfer of ADSs outside India.

Generally, the transfer of ordinary shares in physical form would be subject to Indian stamp duty at the rate of 0.25% of the market value of the ordinary shares on the trade date, and such stamp duty customarily is borne by the transferee, i.e., the purchaser. In order to register a transfer of equity shares in physical form, it is necessary to present a stamped deed of transfer. An acquisition of shares in physical form from the Depository in exchange for ADS representing such equity shares will not render an Investor liable for Indian stamp duty but we will be required to pay stamp duty at the applicable rate on the share certificate. However, since our equity shares are compulsorily deliverable in dematerialized form (except for trades of up to 500 equity shares, which may be delivered in physical form) there would be no stamp duty payable in India on transfer.

### ***Other Taxes***

At present, there is no wealth tax, gift tax or inheritance taxes which may apply to the ADSs or the underlying shares.

### ***Service Tax***

Brokerage or commissions paid to stockbrokers in connection with the sale or purchase of shares listed on a recognized stock exchange in India are subject to a service tax of 10% (excluding an add-on tax at the rate of 3.0%) ad valorem. The stockbroker is responsible for collecting the service tax and paying it to the relevant authority.

### **United States Tax**

The following summary describes the material United States federal income tax consequences relating to an investment in our equity shares or ADSs as of the date hereof. This summary is based on the Internal Revenue Code of 1986, as amended (the Code), its legislative history, existing final, temporary and proposed Treasury Regulations, rulings and judicial decisions, all as currently in effect and all of which are subject to prospective and retroactive rulings and changes. We will not seek a ruling from the Internal Revenue Service (IRS) with regard to the United States federal income tax treatment relating to investment in our equity shares or ADSs and, therefore, there can be no assurance that the IRS will agree with the conclusions set forth below.

This summary does not purport to address all United States federal income tax consequences that may be relevant to a particular investor and you are urged to consult your own tax advisor regarding your specific tax situation. The summary applies only to holders who hold equity shares or ADSs as capital assets (generally, property held for investment) under the Code, and does not address the tax consequences that may be relevant to investors in special tax situations, including for example:

insurance companies;

regulated investment companies and real estate investment trusts;

tax-exempt organizations;

broker-dealers;

traders in securities that elect to mark-to-market;



banks or other financial institutions;

United States investors whose functional currency is not the United States dollar;

United States expatriates;

investors that hold our equity shares or ADSs as part of a hedge, straddle or conversion transaction;

holders that purchase or otherwise acquire equity shares or ADSs other than through this offering; or

holders that own, directly, indirectly or constructively 10.0% or more of our total combined voting stock.

Further, this summary does not address the alternative minimum tax consequences of an investment in equity shares or ADSs, or the indirect consequences to holders of equity interests in entities that own our equity shares or ADSs. In addition, this summary does not address the state, local and foreign tax consequences of an investment in our equity shares or ADSs.

---

## **Table of Contents**

You should consult your own tax advisor regarding the United States federal, state, local and foreign and other tax consequences of purchasing, owning and disposing of our equity shares or ADSs in your particular circumstances.

### ***Taxation of U.S. Holders***

You are a U.S. Holder if you are a beneficial owner of equity shares or ADSs and you are for United States federal income tax purposes:

an individual who is a citizen or resident of the United States;

a corporation, or any other entity taxable as a corporation, created or organized in or under the laws of the United States or any state thereof, including the District of Columbia;

an estate the income of which is subject to United States federal income tax regardless of its source; or

a trust, if a court within the United States is able to exercise primary supervision over its administration and one or more United States persons have the authority to control all substantial decisions of the trust, or if the trust has made a valid election to be treated as a United States person.

If a partnership holds equity shares or ADSs, the tax treatment of a partner will generally depend upon the status of the partner and upon the activities of the partnership. Partners of partnerships holding our equity shares or ADSs should consult their own tax advisors.

A Non-U.S. Holder is a beneficial owner of equity shares or ADSs that is not a U.S. Holder.

For United States federal income tax purposes, a U.S. Holder of an ADS will generally be treated as the owner of the equity shares represented by the ADS. Accordingly, no gain or loss will be recognized upon the exchange of an ADS for equity shares. A U.S. Holder's tax basis in the equity shares will be the same as the tax basis in the ADS surrendered therefor, and the holding period in the equity shares will include the period during which the holder held the surrendered ADS. However, the United States Treasury has expressed concerns that parties to whom depositary shares are pre-released may be taking actions that are inconsistent with the claiming of foreign tax credits by the holders of ADSs. Accordingly, the analysis of the creditability of Indian taxes paid with respect to the ADSs could be affected by future actions that may be taken by the United States Treasury.

### ***Distributions on Equity Shares or ADSs***

Cash distributions made by us to a U.S. Holder with respect to equity shares or ADSs (including amounts withheld in respect of any Indian withholding taxes) generally will be taxable to such U.S. Holder as ordinary dividend income when such U.S. Holder receives the distribution, actually or constructively, to the extent paid out of our current or accumulated earnings and profits (as determined for United States federal income tax purposes). If these dividends constitute qualified dividend income ( QDI ), individual U.S. Holders of our equity shares or ADSs will generally pay tax on such dividends received before 2011 at a maximum rate of 15.0%, provided certain holding period requirements and other conditions are satisfied. Assuming we are not a passive foreign investment company (as discussed below), or foreign investment company, dividends paid by us will be QDI if we are a qualified foreign corporation ( QFC ) at the time the dividends are paid. We believe that we are currently, and will continue to be, a QFC so as to allow all dividends paid by us to be QDI for United States federal income tax purposes. Distributions in excess of our current and accumulated earnings and profits will be treated first as a non-taxable return of capital reducing such U.S. Holder's tax basis in the equity shares or ADSs. Any distribution in excess of such tax basis will be treated as capital gain and will be either long-term or short-term capital gain depending upon whether the U.S. Holder held the equity shares or ADSs for more than one year. Dividends paid by us generally will not be eligible for the dividends-received deduction available to certain United States corporate shareholders.

Cash distributions paid on the equity shares or ADSs will generally be treated as foreign source income. Subject to certain limitations, a U.S. Holder may be entitled to a credit or deduction against its U.S. federal income taxes for the amount of any Indian taxes that are withheld from cash distributions made to such U.S. Holder. The decision to claim either a credit or deduction must be made annually, and will apply to all foreign taxes paid by the U.S. Holder to any foreign country or U.S. possession with respect to the applicable tax year. The limitation on foreign taxes eligible for credit is calculated separately with respect to specific classes of income. Income received with respect to the equity shares or

## Edgar Filing: HDFC BANK LTD - Form 20-F

ADSs will generally be treated as passive category income for United States foreign tax credit limitation purposes. The rules regarding the availability of foreign tax credits are complex and U.S. Holders may be subject to various limitations on the amount of foreign tax credits that are available. We therefore urge you to consult your own tax advisor regarding the availability of the foreign tax credit under your particular circumstances.

**Table of Contents**

The amount of any cash distribution paid in Indian rupees will equal the U.S. dollar value of the distribution, calculated by reference to the exchange rate in effect at the time the distribution is received by the depositary (in the case of ADSs) or by the U.S. Holder (in the case of equity shares held directly by such U.S. Holder), regardless of whether the payment is in fact converted to U.S. dollars at that time. Generally, a U.S. Holder should not recognize any foreign currency gain or loss if such Indian rupees are converted into U.S. dollars on the date received and it is expected that the depositary will in the ordinary course convert foreign currency received by it as distributions into U.S. dollars. If the Indian rupees are not converted into U.S. dollars on the date of receipt, however, gain or loss may be recognized upon a subsequent sale or other disposition of the Indian rupees. Such foreign currency gain or loss, if any, will be United States source ordinary income or loss.

*Sale or Exchange of Equity Shares or ADSs*

A U.S. Holder will generally recognize capital gain or loss upon the sale, exchange or other disposition of the equity shares or ADSs measured by the difference between the U.S. dollar value of the amount received and the U.S. Holder's tax basis (determined in taxable U.S. dollars) in the equity shares or ADSs. Any gain or loss will be long-term capital gain or loss if the equity shares or ADSs in the sale, exchange or other taxable disposition have been held for more than one year and will generally be United States source gain or loss. Your ability to deduct capital losses is subject to limitations. Under certain circumstances described under *Indian Tax Taxation of Capital Gains in Relation to ADSs* and *Indian Tax Taxation of Capital Gains in Relation to Equity Shares Received upon Conversion or in Exchange for ADSs*, you may be subject to Indian tax upon the disposition of equity shares or ADSs. In such circumstances and subject to applicable limitations (and the relief provided by an applicable income tax treaty), you may be able to credit the Indian tax against your United States federal income tax liability. You should consult your tax advisor regarding the availability of the foreign tax credit under your particular circumstances.

For cash-basis U.S. Holders who receive foreign currency in connection with a sale or other taxable disposition of equity shares or ADSs, the amount realized will be based upon the United States dollar value of the foreign currency received with respect to such equity shares or ADSs as determined on the settlement date of such sale, exchange or other taxable disposition.

Pursuant to the Treasury Regulations applicable to foreign currency transactions, accrual-basis U.S. Holders may elect the same treatment required of cash-basis taxpayers with respect to a sale, exchange or other taxable disposition of equity shares or ADSs, provided that the election is applied consistently from year to year. Such election cannot be changed without the consent of the IRS. Accrual-basis U.S. Holders that do not elect to be treated as cash-basis taxpayers for this purpose may have a foreign currency gain or loss for United States federal income tax purposes because of differences between the United States dollar value of the foreign currency received prevailing on the date of such sale, exchange or other taxable disposition and the value prevailing on the date of payment. Any such foreign currency gain or loss will generally be treated as ordinary income or loss that is United States source, in addition to the gain or loss, if any, recognized on the sale, exchange or other taxable disposition of equity shares or ADSs.

*Passive Foreign Investment Company Rules*

U.S. Holders generally will be subject to a special, adverse tax regime that would differ in certain respects from the tax treatment described above if we are, or were to become, a passive foreign investment company (PFIC) for United States federal income tax purposes. Although the determination of whether a corporation is a PFIC is made annually and thus may be subject to change, we do not believe that we are, nor do we expect to become, a PFIC for United States federal income tax purposes. However, the matter is not free from doubt. We urge you to consult your own tax advisor regarding the adverse tax consequences of owning the equity shares or ADSs of a PFIC and making certain elections designed to lessen those adverse consequences.

*Taxation of Non-U.S. Holders**Distributions on Equity Shares or ADSs*

Non-U.S. Holders generally will not be subject to United States federal income or withholding tax on dividends received from us with respect to equity shares or ADSs, unless such income is considered effectively connected with the Non-U.S. Holder's conduct of a United States trade or business for United States federal income tax purposes (and, if required by an applicable income tax treaty, the income is attributable to a permanent establishment maintained in the United States).

**Table of Contents**

*Sale or Exchange of Equity Shares or ADSs*

Non-U.S. Holders generally will not be subject to United States federal income tax on any gain realized upon the sale, exchange or other taxable disposition of equity shares or ADSs unless :

such gain is considered effectively connected with the Non-U.S. Holder's conduct of a United States trade or business (and, if required by an applicable income tax treaty, the income is attributable to a permanent establishment maintained in the United States); or

such Non-U.S. Holder is an individual that is present in the United States for 183 days or more during the taxable year of the disposition and certain other conditions are met.

In addition, if you are a corporate Non-U.S. Holder, any effectively connected dividend income or gain (subject to certain adjustments) may be subject to an additional branch profits tax at a rate of 30.0% (or such lower rate as may be specified by an applicable income tax treaty).

***Backup Withholding and Information Reporting***

In general, dividends on equity shares or ADSs, and payments of the proceeds of a sale, exchange or other taxable disposition of equity shares or ADSs, paid to a U.S. Holder within the United States or through certain United States-related financial intermediaries are subject to information reporting and may be subject to backup withholding at a rate currently equal to 28.0% unless the U.S. holder:

is a corporation or other exempt recipient; or

provides an accurate taxpayer identification number and certifies that no loss of exemption from backup withholding applies to such U.S. holder.

Non-U.S. Holders generally are not subject to information reporting or backup withholding. However, such holders may be required to provide a certification to establish their non-U.S. status in connection with payments received within the United States or through certain U.S.-related financial intermediaries.

Holders generally will be allowed a credit of the amount of any backup withholding against their United States federal income tax liability or may obtain a refund of any amounts withheld under the backup withholding rules that exceed such income tax liability by filing a refund claim with the IRS.

**Table of Contents****SUPERVISION AND REGULATION**

The main legislation governing commercial banks in India is the Banking Regulation Act 1949. The provisions of the Banking Regulation Act are in addition to and not, save as expressly provided in the Banking Regulation Act, in derogation of the Companies Act, 1956 and any other law currently in force. Other important laws include the Reserve Bank of India Act, 1934, the Negotiable Instruments Act, 1881, the Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act 2002 (the SARFAESI Act ) and the Bankers Books Evidence Act, 1891. Additionally, the RBI, from time to time, issues guidelines to be followed by banks. Compliance with all regulatory requirements is evaluated with respect to financial statements under Indian GAAP.

**RBI Regulations**

Commercial banks in India are required under the Banking Regulation Act to obtain a license from the RBI to carry on banking business in India. Before granting the license, the RBI must be satisfied that certain conditions are complied with, including (i) that the bank has the ability to pay its present and future depositors in full as their claims accrue; (ii) that the affairs of the bank will not be or are not likely to be conducted in a manner detrimental to the interests of present or future depositors; (iii) that the bank has adequate capital and earnings prospects; and (iv) that public interest will be served if such license is granted to the bank. The RBI can cancel the license if the Bank fails to meet the above conditions or if the Bank ceases to carry on banking operations in India.

The Bank, being licensed by the RBI, is regulated and supervised by the RBI. The RBI requires the Bank to furnish statements, information and certain details relating to its business. It has issued guidelines for commercial banks on recognition of income, classification of assets, valuation of investments, maintenance of capital adequacy and provisioning for non-performing and restructured assets among others. The RBI has set up a Board for Financial Supervision, under the chairmanship of the Governor of the RBI. This Board is assisted by the Department of Financial Supervision of the RBI in supervising commercial banks and financial institutions. The appointment of the auditors of banks is subject to the approval of the RBI. The RBI can direct a special audit in the interest of the depositors or in the public interest.

**Proposal for entry of new banks in the private sector**

The RBI has released a discussion paper on the entry of new banks in the private sector. This discussion paper marshals international practices, the Indian experience and also the extant ownership and governance guidelines on licensing of new banks. The RBI has called for wider comments and feedback from relevant stakeholders and the public. Detailed discussions will be held with all stakeholders on the discussion paper and guidelines will be finalised based on the feedback. Post finalization of these guidelines it is proposed that all applications received in this regard would be referred to an external expert group for examination and recommendation to the RBI for the grant of licenses.

**Regulations Relating to the Opening of Branches**

Section 23 of the Banking Regulation Act provides that banks must obtain the prior approval of the RBI to open new branches. Permission is granted based on factors such as the financial condition and history of the bank, its management, adequacy of capital structure, earning prospects and the public interest. The RBI may cancel a license for violations of the conditions under which it was granted.

The RBI issued a new branch authorization policy in September 2005 under which the existing system of granting authorizations for opening individual branches from time to time was replaced by a system of aggregated approvals on an annual basis. The RBI discusses with individual banks their branch expansion strategies and plans over the medium term. The term branch for this purpose has been defined to also include extension counters, offsite ATMs, administrative offices and back offices as well as call centers where banking transactions are undertaken. The RBI has amended the policy on licensing off site ATMs. The Reserve Bank of India permits Scheduled Commercial Banks to install off-site ATMs at centers/places identified by them, without having the need to get permission from the Reserve Bank in each case. This would, however, be subject to any direction which the Reserve Bank may issue, including for closure/shifting of any such off-site ATMs, wherever so considered necessary by the Reserve Bank. The banks need to report full details of the off-site ATMs installed by them in terms of the above general permission.

---

## **Table of Contents**

Recently the RBI has given a general permission to Scheduled Commercial Banks to open branches in locations having a population lower than 50,000 and in the case of the north eastern states of India including the state of Sikkim without having the need to obtain prior approvals. The banks are directed to report full details of the branches opened in terms of the above general permission.

While processing authorization requests, the RBI gives importance to the nature and scope of banking services, particularly in under-banked areas, actual credit flow to priority sectors and efforts to promote financial inclusion, the need to induce enhanced competition in the banking sector, the bank's regulatory compliance, quality of corporate governance, risk management and relationships with subsidiaries and affiliates.

### **Capital Adequacy Requirements**

The RBI has minimum capital adequacy standards for banks based on the guidelines of the Basel Committee on Banking Regulations and Supervisory Practices (Basel II guidelines).

Under these guidelines, from March 31, 2009, the Bank is required to maintain a minimum ratio of capital to risk adjusted assets and off-balance sheet items of 9%, at least 6% of which must be Tier I capital. The capital funds of a bank are classified into Tier I and Tier II capital. Tier I capital provides the most permanent and readily available support against unexpected losses. It is comprised of paid-up capital and reserves consisting of any statutory reserves, free reserves and capital reserves, innovative perpetual debt instruments, as reduced by equity investments in subsidiaries, intangible assets, deferred tax assets and losses in the current period and those brought forward from the previous period. Tier II capital consists of undisclosed reserves, revaluation reserves (at a discount of 55%), general provisions and loss reserves (allowed up to a maximum of 1.25% of weighted risk assets), hybrid debt capital instruments (which combine features of both equity and debt securities), cumulative perpetual preference shares (which should be fully paid up and should not contain clauses that permit redemption by the holder) and subordinated debt with an initial maturity of not less than five years. Any subordinated debt is subject to progressive discounts each year for inclusion in Tier II capital and total subordinated debt considered Tier II capital cannot exceed 50% of Tier I capital. Banks are permitted to issue perpetual debt with a call option after not less than 10 years, to be exercised with the prior approval of the RBI, for inclusion in Tier I capital up to a maximum of 15% of total Tier I capital as on March 31, of the previous financial year. Banks are also permitted to issue debt instruments with a minimum maturity of 15 years and a call option after not less than 10 years, to be exercised with the prior approval of the RBI, for inclusion in Tier II capital as upper Tier II debt. Tier I and Tier II debt instruments may be denominated in foreign currencies subject to the limits prescribed by the RBI.

Risk adjusted assets and off-balance sheet items considered for determining the capital adequacy ratio are the risk weighted total of certain funded and non-funded exposures. Degrees of credit risk expressed as percentage weighting have been assigned to various balance sheet asset items and conversion factors to off-balance sheet items. The value of each item is multiplied by the relevant weight and/or conversion factor to arrive at risk-adjusted values of assets and off-balance sheet items. These risk weights are applied to various balance sheet items based on the rating distribution assigned by various credit rating agencies. Standby letters of credit and general guarantees are treated similar to funded exposure and are subject to a 100% credit conversion factor. The credit conversion factor for certain off-balance sheet items such as performance bonds, bid bonds and standby letters of credit related to particular transactions is 50% while that for short-term self liquidating trade related contingencies such as documentary credits collateralized by the underlying shipments is 20%. The credit conversion factor for undrawn commitments is either 20% or 50%, based on the original maturity of the facility.

The risk weight for residential mortgage loans of less than Rs. 3 million with loan-to-value ratios of up to 75% is 50% and for loans with values of more than Rs. 3 million with loan-to-value ratios up to 75% is 75%. For loan-to-values greater than 75% the risk weight is 100% notwithstanding the size of the loan. Consumer credit and advances that are included in the Bank's capital market exposure carry a risk weight of 125% or higher corresponding to the rating of the exposure. Exposure to venture capital funds are risk weighted at 150%. Other loans/credit exposures are risk weighted based on their ratings or turnover. The RBI has also prescribed detailed guidelines for the capital treatment of securitization exposures.

### **Loan Loss Provisions and Non-Performing Assets**

In April 1992, the RBI issued formal guidelines on income recognition, asset classification, provisioning standards and the valuation of investments applicable to banks, which are revised from time to time. These guidelines are applied for the calculation of impaired assets under Indian GAAP.

The principal features of these RBI guidelines, which have been implemented with respect to the Bank's loans, debentures, lease assets, hire purchases and bills are set forth below.





## **Table of Contents**

### ***Non-Performing Assets***

An asset, including a leased asset, becomes non-performing once it ceases to generate income for the Bank. A non-performing asset is an asset in respect of which either the principal or interest remains overdue for more than 90 days.

The RBI guidelines stipulate the criteria for determining and classifying a non-performing asset (an NPA). An NPA is a loan or an advance where:

interest and/or an installment of principal remains overdue for a period of more than 90 days in respect of a term loan;

the account remains out-of-order (as defined below) in respect of an overdraft or cash credit;

the bill remains overdue for a period of more than 90 days in the case of bills purchased and discounted;

in the case of a loan granted for short duration crops, if the installments of principal or interest thereon remain overdue for two crop seasons;

in the case of a loan granted for long duration crops, if the installments of principal or interest thereon remain overdue for one crop season;

the amount of a liquidity facility remains outstanding for more than 90 days, in respect of securitization transactions undertaken in accordance with the Reserve Bank of India guidelines on securitisation issued on February 1, 2006; or

in respect of derivative transactions, the overdue receivables representing positive mark-to-market value of a derivative contract, if these remain unpaid for a period of 90 days from the specified due date for payment.

### ***Out-of-Order Status***

An account should be treated as out-of-order if the outstanding balance remains continuously in excess of the sanctioned limit/drawing power. In circumstances where the outstanding balance in the principal operating account is less than the sanctioned limit/drawing power, but (i) there are no credits continuously for a period of 90 days as on the date of the balance sheet of the Bank or (ii) the credits are not sufficient to cover the interest debited during the same period, these accounts should be treated as out-of-order.

### ***Asset Classification***

Non-performing assets are classified as described below:

***Sub standard Assets:*** Assets that are non-performing for a period not exceeding 12 months. In such cases, the current net worth of the borrower/guarantor or the current market value of the security charged is not enough to ensure recovery of dues to the banks in full. Such an asset has well defined credit weaknesses that jeopardize the liquidation of the debt and are characterized by the distinct possibility that the bank will sustain some loss, if deficiencies are not corrected.

***Doubtful Assets:*** An asset will be classified as doubtful if it remains in the substandard category continuously for 12 months. A loan classified as doubtful has all the weaknesses inherent in assets that are classified as sub-standard, with the added characteristic that the weaknesses make collection or liquidation in full, on the basis of currently known facts, conditions and values, highly questionable and improbable.

## Edgar Filing: HDFC BANK LTD - Form 20-F

*Loss Assets:* Assets on which losses have been identified by the bank or internal or external auditors or on inspection by the RBI, but the amount has not been written off fully.

There are separate guidelines for projects under implementation which are based on the achievement of financial closure and the date of approval of the project financing.

### ***Restructured Assets***

The RBI has issued prudential guidelines on restructuring of advances by banks. The guidelines essentially deal with the norms/conditions the fulfillment of which are required to maintain the category of the restructured account as a standard asset. The following categories of advances are not eligible for being classified as a standard asset upon restructuring: (a) consumer and personal advances; (b) advances classified as capital market exposures and (c) advances classified as commercial real estate exposures.

## **Table of Contents**

The criteria to be fulfilled for the restructured advance to be treated as a standard asset includes the viability of the business, infusion of promoters contribution, full security coverage, and cap on maximum tenor of repayment. The economic loss, if any, arising as a result of restructuring needs to be provided for in the books of the Bank. The provision is computed as the difference between the fair value of the account before and after restructuring.

Sub-standard accounts which have been subjected to restructuring, whether in respect of a principal installment or interest amount, are eligible to be upgraded to the standard category only after the specified period, i.e. a period of one year after the date when the first payment of interest or of principal, whichever is earlier, falls due, subject to satisfactory performance during the period.

### *Corporate Debt Restructuring mechanism*

The Reserve Bank of India has devised a corporate debt restructuring system to put in place an institutional mechanism for the restructuring of corporate debt. The objective of this framework is to ensure a timely and transparent mechanism for the restructuring of corporate debts of viable entities facing problems, outside the purview of the Board of Industrial and Financial Rehabilitation, debt recovery tribunals and other legal proceedings. In particular, this framework aims to preserve viable corporates that are affected by certain internal and external factors and minimize the losses to the creditors and other stakeholders through an orderly and coordinated restructuring program. The corporate debt restructuring system is a non-statutory mechanism and a voluntary system based on debtor-creditor and inter-creditor agreements.

### *Act Relating to Recovery of NPAs*

As a part of the financial sector reforms, the Government introduced the SARFAESI Act. The SARFAESI Act provides banks and other lenders increased powers in the recovery of the collateral underlying NPAs.

### ***Provisioning and Write-Offs***

Provisions are based on guidelines specific to the classification of assets. The following guidelines apply to various asset classifications:

#### *Standard Assets*

A general provision in the range of 0.25% to 1.00% on the outstanding loans is required which is based on the type of exposure.

#### *Sub-Standard Assets*

A general provision of 10.0% on total outstanding loans is required. The unsecured exposures which are identified as sub standard would be subject to an additional provision of 10.0% ( i.e. a total of 20.0% on the outstanding balance).

#### *Doubtful Assets*

A 100.0% provision is made against the unsecured portion of the doubtful asset and charged against income. The value assigned to the collateral securing a loan is the amount reflected on the borrower's books or the realizable value determined by third party appraisers. In cases where there is a secured portion of the asset, depending upon the period for which the asset remains doubtful, a 20.0% to 100.0% provision is required to be made against the secured asset as follows:

Up to one year: 20.0% provision.

One to three years: 30.0% provision.

More than three years: 100.0% provision.

#### *Loss Assets*

The entire asset is required to be written off or provided for.

**Table of Contents**

In June 2006, the RBI issued prudential standards on the creation and utilization of floating provisions (provisions which are not made in respect of specific non-performing assets or are made in excess of regulatory requirements for provisions for standard assets). The standards state that floating provisions can be used only for contingencies under extraordinary circumstances for making specific provisions in impaired accounts after obtaining approval from the Bank's board of directors and with the prior permission of the RBI. Floating provisions must be held separately and cannot be reversed by credit to the profit and loss account. Until the utilization of such provisions, they can be netted off from gross non-performing assets to arrive at disclosure of net non-performing assets, or, alternatively, can be treated as part of Tier II capital within the overall ceiling of 1.25% of total risk-weighted assets. Further, floating provisions would not include specific voluntary provisions made by banks for advances at rates which are higher than the stipulated rates and consistently adopted from year to year.

*Prudential Coverage Ratio*

With a view to ensuring countercyclical provisioning in the banking system, the Reserve Bank has mandated that banks should augment their provisioning cushions consisting of specific provisions against NPAs as well as floating provisions, and ensure that their total Provisioning Coverage Ratio (PCR), including floating provisions, is not less than 70 percent. Banks are required to adhere to this norm by the end of September 2010.

**Prudential norms for off-balance sheet exposures of banks**

RBI in August 2008 issued prudential norms on off-balance sheet exposures of banks. These guidelines prescribe the methodologies to compute credit exposure, capital adequacy, provisioning for standard and non-performing exposures and asset classification of receivables in respect of interest rate and foreign exchange derivative transactions and gold.

**Regulations Relating to Sale of Assets to Asset Reconstruction Companies**

The SARFAESI Act provides for the sale of financial assets by banks and financial institutions to asset reconstruction companies. The RBI has issued guidelines to banks on the process to be followed for the sale of financial assets to asset reconstruction companies. These guidelines provide that a bank may sell financial assets to an asset reconstruction company provided the asset is a non-performing asset. These assets are to be sold on a non-recourse basis only. A bank may sell a standard asset only if the borrower has a consortium or multiple banking arrangements, at least 75.0% by value of the total loans to the borrower are classified as non-performing and at least 75.0% by value of the banks and financial institutions in the consortium or multiple banking arrangements agree to the sale. The banks selling financial assets should ensure that there is no known liability devolving on them and that they do not assume any operational, legal or any other type of risks relating to the financial assets sold. Further, banks may not sell financial assets at a contingent price with an agreement to bear a part of the shortfall on ultimate realization. However, banks may sell specific financial assets with an agreement to share in any surplus realized by the asset reconstruction company in the future. Whilst each bank is required to make its own assessment of the value offered in the sale before accepting or rejecting an offer for purchase of financial assets by an asset reconstruction company, in consortium or multiple banking arrangements where more than 75.0% by value of the banks or financial institutions accept the offer, the remaining banks or financial institutions are obliged to accept the offer. Consideration for the sale may be in the form of cash, bonds or debentures or security receipts or pass-through certificates issued by the asset reconstruction company or trusts set up by it to acquire the financial assets.

**Guidelines on Sale and Purchase of NPAs amongst banks, financial institutions and non-banking financial institutions.**

In order to increase the options available to banks for resolving their NPAs and to develop a healthy secondary market for NPAs, the Reserve Bank had issued guidelines for the purchase/sale of NPAs among banks in July 2005. In terms of these guidelines, banks' boards are required to lay down policies covering, among others, a valuation procedure to be followed to ensure that the economic value of financial assets is reasonably estimated based on the assessed cash flows arising out of repayment and recovery prospects. Purchases and sales of NPAs must be without recourse to the seller and on a cash basis, with the entire consideration being paid up-front. An asset must have been classified as non-performing for at least two years by the seller to be eligible for sale. The purchasing bank must hold the NPA on its books for at least 15 months before it can sell the asset to another bank. The asset cannot be sold back to the original seller.

## **Table of Contents**

### **Guidelines on Sale of Standard Assets**

The RBI issued guidelines for the securitization of standard assets in February 2006. The guidelines provide that for a transaction to be treated as a securitization, a two stage process must be followed. In the first stage there must be pooling and transferring of assets to a bankruptcy remote special purpose vehicle ( SPV ) and in the second stage repackaging and selling the security interests representing claims on incoming cash flows from the pool of assets to the third party investors should be effected. Further, for enabling the transferred assets to be removed from the balance sheet of the seller in a securitization structure, the isolation of assets or true sale from the seller or originator to the SPV is an essential prerequisite. Also, an arms-length relationship shall be maintained between the originator, the seller and the SPV.

Certain regulatory standards for capital adequacy, valuation, profit and loss on sale of assets, income recognition and provisioning for originators and service providers, like credit enhancers, liquidity support providers, underwriters and investors, and also the accounting treatment for securitization transactions and disclosure standards have been prescribed. Quarterly reporting to the audit sub-committee of the Board of Directors by originating banks of the securitization transactions has also been prescribed. Apart from banks, these guidelines are also applicable to financial institutions and non-banking financial companies.

### **Regulations Relating to Making Loans**

The provisions of the Banking Regulation Act govern loans made by banks in India. The RBI issues directions covering the loan activities of banks. Important guidelines include norms for bank lending to non-bank financial companies, guidelines on banks benchmark lending rates and norms for loans against shares.

#### ***Directed Lending***

##### ***Priority Sector Lending***

The guidelines on lending to the priority sector were revised with effect from April 30, 2007. The priority sector broadly comprises agriculture, medium and small enterprises (MSEs), retail trade, micro credit, education and housing subject to certain limits. The guidelines take into account the revised definition of MSEs as per the Micro, Small and Medium Enterprises Development Act, 2006.

The priority sector lending targets (40% and 32% for domestic and foreign banks, respectively) have been linked to the adjusted net bank credit (ANBC) or the credit equivalent amount of off-balance sheet exposures, whichever is higher, as on March 31 of the previous year, as against the previous practice of linking targets to the ongoing net bank credit.

Of the total priority sector advances, agricultural advances are required to be 18% of adjusted net bank credit. Indirect lending in excess of 4.5% of ANBC or the credit equivalent amount of off-balance sheet exposures, whichever is higher, will not be reckoned for computing performance under the 18% target. However, all agricultural advances under the categories direct and indirect will be reckoned in computing performance under the overall priority sector target. The guidelines have capped eligible direct agriculture finance to non-individuals (i.e. partnership firms, corporate and institutions) at Rs. 10 million per borrower. One third of loans in excess of Rs. 10 million per borrower would also be considered as direct finance while the remaining two thirds would constitute indirect finance. Advances to weaker sections are required to be 10% of adjusted net bank credit, and 1% of the previous year's net bank credit is required to be lent under the Differential Rate of Interest Scheme. Under the revised guidelines loans up to Rs. 2 million per borrower under housing finance are to be treated as part of priority sector lending. In addition, fresh investments made by banks with NABARD in lieu of non-achievement of priority sector lending targets are no longer eligible to be considered as indirect finance subsequent to the fiscal 2007. The investments that existed as of March 31, 2007 were eligible for classification as indirect agriculture finance until March 31, 2010 or the date of maturity whichever was earlier.

Domestic scheduled commercial banks having a shortfall in lending to priority sector targets shall be allocated amounts for contribution to the Rural Infrastructure Development Fund (RIDF) established with NABARD or funds with other financial institutions, as specified by the Reserve Bank of India.

##### ***Export Credit***

The RBI also requires banks to make loans to exporters at concessional rates of interest. This enables exporters to have access to internationally competitive financing options. Banks have been advised to reach a level of export credit equivalent of 12% of their adjusted net bank credit.



---

## **Table of Contents**

### ***Credit Exposure Limits***

As a measure aimed at better risk management and avoidance of concentration of credit risk, the RBI has prescribed credit exposure limits for banks in respect of their lending to individual borrowers and borrower groups.

The RBI limits exposure to individual borrowers to not more than 15.0% of the capital funds of the bank and limits exposure to a borrower group to not more than 40.0% of the capital funds of the bank. In the case of infrastructure projects, such as power, telecommunications, road and port projects, an additional exposure of up to 5.0% of capital funds is allowed in respect of individual borrowers and up to 10.0% in respect of group borrowers. Banks may, in exceptional circumstances, with the approval of their boards of directors, consider enhancement of exposure to a borrower by a further 5.0% of capital funds. With effect from May 29, 2008, the RBI revised the prudential limit to 25% of capital funds in respect of a bank's exposure to oil companies to whom specified oil bonds have been issued by the Government of India. Banks would need to make appropriate disclosures in their annual financial statements in respect of exposures where they had exceeded the prudential exposure limits during the year.

Exposure is the aggregate of:

approved credit exposure comprising funded and non-funded credit limits;

investment exposure including underwriting and similar commitments; and

foreign exchange and derivative contract exposures.

Capital funds for determining the exposure ceilings comprise both Tier 1 and Tier 2 capital.

To ensure that exposures are evenly spread, the RBI requires banks to fix internal limits of exposure to specific sectors. These limits are subject to periodic review by the banks.

### **Regulations Relating to Capital Market Exposure Limits**

The RBI has issued guidelines on financing to participants in the capital markets. These guidelines place a ceiling on the overall exposure of a bank to the capital markets.

The aggregate exposure that a bank has to the capital markets in all forms (both fund and non-fund based) should not exceed 40.0% of its net worth (both for the stand-alone and the consolidated bank) as on March 31 of the previous year. Within this overall ceiling, the bank's direct investment in shares, convertible bonds/debentures, units of equity-oriented mutual funds and exposure to venture capital funds should not exceed 20.0% of its net worth (both for the stand-alone and the consolidated bank).

The following exposures are subject to the ceiling:

direct investment in equity shares, convertible bonds, convertible debentures and units of equity-oriented mutual funds the fund assets of which are not exclusively invested in corporate debt;

advances against shares/bonds/debentures or other securities or advances without security to individuals for investment in shares (including in primary offerings and employee stock option plans), convertible bonds, convertible debentures, and units of equity-oriented mutual funds;



## Edgar Filing: HDFC BANK LTD - Form 20-F

advances for any other purposes where shares or convertible bonds or convertible debentures or units of equity oriented mutual funds are taken as primary security;

advances for any other purposes to the extent secured by collateral of shares or convertible bonds or convertible debentures or units of equity oriented mutual funds;

secured and unsecured advances to stockbrokers and guarantees issued on behalf of stockbrokers and market makers;

loans sanctioned to corporates against the security of shares/bonds/debentures or other securities or on a clean basis for meeting a promoter's contribution to the equity of new companies;

bridge loans to companies against expected equity flows/issues;

underwriting commitments taken up by banks in respect of primary issues of shares or convertible bonds or convertible debentures or units of equity-oriented mutual funds;

financing to stockbrokers for margin trading; and

all exposure to venture capital funds (both registered and unregistered).

---

## **Table of Contents**

### **Regulations Relating to Investments**

#### ***Exposure Limits***

Credit exposure limits specified by the RBI in respect of a bank's lending to individual borrowers and borrower groups apply in respect of non-convertible debt instruments. Within the overall capital market exposure ceiling, a bank's direct investments in equity securities, convertible bonds and debentures and units of equity-oriented mutual funds should not exceed 20.0% of its net worth. A bank's aggregate investment in subordinated bonds eligible for Tier 2 capital status issued by other banks or financial institutions are restricted up to 10.0% of the investing bank's capital funds (Tier 1 plus Tier 2 capital). Investments in the instruments issued by banks or financial institutions that are eligible for capital status will attract a 100.0% risk weight for credit risk for capital adequacy purposes.

In order to contain the risks arising out of investment by banks in non-statutory liquidity ratio ( non-SLR ) securities, and in particular the risks arising out of investment in bonds through private placement, the RBI has issued detailed guidelines on investment by banks in non-SLR securities. Banks have been advised to restrict their new investments in unlisted securities to 10.0% of their total non-SLR investments as of March 31 of the previous year. Banks are permitted to invest in unlisted non-SLR securities within this limit, provided that such securities comply with prescribed disclosure requirements for listed companies as prescribed by SEBI. Banks' investments in unlisted non-SLR securities may exceed the limit of 10% by an additional 10%, provided the investment is on account of investment in securitization papers issued for infrastructure projects and bonds/debentures issued by Securitisation Companies (SCs)/Reconstruction Companies (RCs) set up under the SARFEASI Act 2002 and registered with RBI. Investments in Security Receipts issued by SCs / RCs registered with RBI, investments in asset backed securities (ABS) and mortgage backed securities (MBS), which are rated at or above the minimum investment grade and investments in unlisted convertible debentures will not be reckoned as unlisted non-SLR securities for computing compliance with the prudential limits.

#### ***Non-Performing Investments***

The RBI has defined non-performing investments as those where principal or interest is unpaid for more than 90 days including preference shares where a fixed dividend is not paid. The non-availability of the latest balance sheet of a company in whose equity securities a bank has invested, will render those equity shares non-performing investments. If any credit facility availed of by the issuer is NPA in the books of the bank, investment in any of the securities issued by the same issuer would also be treated as NPI and vice versa.

#### ***Restrictions on Investments in a Single Company***

In terms of section 19 (2) of the Banking Regulation Act 1949 no banking company shall hold shares in any company, whether as pledgee, mortgagee or absolute owner of an amount exceeding 30 % of the paid up share capital of that company or 30 % of its owned paid up share capital and reserves.

#### ***Valuation of Investments***

The RBI has issued guidelines for the valuation of investments. These guidelines require banks to classify their entire portfolio of approved securities under three categories: held for trading, available for sale and held to maturity. For disclosure and valuation purposes, the investments are further classified under six groups: government securities, other approved securities, shares, debentures and bonds, investments in subsidiaries and joint ventures and other investments.

There are guidelines for the amount and nature of investments that can be made in the held to maturity category. Securities in the held to maturity category would have to be valued at cost and any premium paid over face value would be amortized over the period of maturity of the instrument. Investment under the held for trading category cannot be held for more than 90 days.

Investments in the available for sale and held for trading categories are required to be marked to market based on market quotes or on the basis of the yield curve provided by the Fixed Income Money Market Dealers Association of India and Primary Dealers Association of India. Any depreciation on the revaluation of investments of each of the six groups in the held for trading and available for sale category would have to be recognized in the income account. Net gain on revaluation of investments shall not be recognized in the income account. Banks would be able to shift investments from one category to another only with the approval of the board of directors/committee thereof. Shifting to/from the held to maturity category is permitted once a year.

## **Table of Contents**

### ***Prohibition on Short Selling***

The RBI does not permit short selling of securities by banks, except short selling of central government securities subject to stipulated conditions. The RBI has permitted scheduled commercial banks to undertake short sales of central government securities, subject to the short position being covered within a maximum period of five trading days, including the day of trade. The short positions shall have to be covered only by an outright purchase of an equivalent amount of the same security.

### **Regulations Relating to Deposits**

The RBI has permitted banks to independently determine rates of interest offered on fixed deposits. However, no bank is permitted to pay interest on current account deposits. Further, banks must pay interest of 3.5% per annum on rupee denominated savings deposits. In respect of savings and time deposits accepted from employees, banks are permitted by the RBI to pay an additional interest of 1.0% over the interest payable on deposits from the public.

Domestic time deposits have a minimum maturity of seven days. Time deposits from non-resident Indians denominated in foreign currency normally have a tenor of one to three years.

The RBI has permitted banks the flexibility to offer varying rates of interest on domestic deposits of the same maturity subject to the following conditions:

time deposits are of Rs. 1.5 million and above; and

interest is paid in accordance with a schedule of interest rates disclosed in advance by the bank and not pursuant to negotiation between the depositor and the bank.

The RBI regulates the interest rates offered on deposits accepted from non-residents.

To achieve greater financial inclusion, banks have been advised by the RBI to make available a basic banking no frills account either with no or very low minimum balances and charges that would make such accounts accessible to vast sections of the population.

### **Deposit Insurance**

Demand and time deposits of up to Rs. 100,000 accepted by Scheduled Commercial Banks in India have to be mandatorily insured with the Deposit Insurance and Credit Guarantee Corporation, a wholly-owned subsidiary of the RBI. Banks are required to pay the insurance premium to the Deposit Insurance and Credit Guarantee Corporation on a semi-annual basis. The cost of the insurance premium cannot be passed on to the customer.

### **Regulations Relating to Knowing the Customer and Anti-Money Laundering**

The Prevention of Money Laundering Act, 2002 (PMLA) forms the basis of the legal framework put in place in India to combat money laundering. PMLA and the rules thereunder came into force with effect from July 1, 2005. The Director, Financial Intelligence Unit (India) (FIU-IND), Government of India and the Director (Enforcement), Government of India have been conferred with exclusive and concurrent powers under relevant sections of the Act to implement the provisions of the Act. The PMLA and rules thereunder impose obligations on banking companies, financial institutions and intermediaries to verify the identity of their clients, maintain records and furnish information to FIU-IND. PMLA defines money laundering offences and provides for the freezing, seizure and confiscation of the proceeds of crime.

The RBI issued comprehensive guidelines on Know Your Customer and Anti Money Laundering in August 2002 and November 2004 and advised banks to put in place systems and procedures to control financial frauds, identify money laundering and suspicious activities and monitor high value cash transactions. The RBI has also issued guidelines advising banks to be vigilant whilst opening accounts for new customers so as to prevent misuse of the banking system for the perpetration of frauds. A master circular consolidating all the guidelines issued on the Know Your Customer (KYC) Norms/Anti Money Laundering (AML) Standards and Combating Financing of Terrorism (CFT)/Obligations of Banks under PMLA, 2002 is issued on a yearly basis.

## Edgar Filing: HDFC BANK LTD - Form 20-F

Banks have been advised to ensure that a proper policy framework on Know Your Customer and Anti-Money Laundering measures with the approval of their boards is formulated and put in place. These policies are required to be framed incorporating four key elements namely (a) Customer Acceptance Policy; (b) Customer Identification Procedures; (c) Monitoring of Transactions; and (d) Risk Management.

---

## **Table of Contents**

Banks are required to develop a clear Customer Acceptance Policy laying down explicit criteria for acceptance of customers. Parameters of risk perception need to be clearly defined in terms of the nature of business activity, location of the customer and his clients, mode of payments, volume of turnover, and social and financial status to enable categorization of customers into low, medium and high risk. The customer acceptance policy should also lay down the documentation requirements and other information to be collected in respect of different categories of customers depending on perceived risk and keeping in mind the requirements of PML Act, 2002 and instructions / guidelines issued by the RBI from time to time.

The policy approved by the boards of banks should clearly spell out the Customer Identification Procedure to be carried out at different stages i.e. while establishing a banking relationship; carrying out a financial transaction or when the bank has a doubt about the authenticity / veracity or the adequacy of the previously obtained customer identification data. Customer identification means identifying the customer and verifying his / her identity by using reliable, independent source documents, data or information. Banks need to obtain sufficient information necessary to establish, to their satisfaction, the identity of each new customer, whether regular or occasional, and the purpose of the intended nature of banking relationship

Banks are expected to exercise ongoing due diligence with respect to the business relationship with every client and closely examine transactions in order to ensure that they are consistent with their knowledge of the client, his business and risk profile and where necessary, the source of funds.

Banks are advised to develop suitable mechanisms through an appropriate policy framework for enhanced monitoring of accounts suspected of having terrorist links, swift identification of the transactions carried out in these accounts and suitable reporting to the FIU-IND. Financial Institutions are required to report to FIU-IND (a) all cash transactions of the value of more than one million rupees or an equivalent in foreign currency; (b) all series of cash transactions integrally connected to each other which have been valued below one million rupees or an equivalent in foreign currency where such series of transactions have taken place within a month and the aggregate value of such transactions exceeds one million ( c) all transactions involving receipts by non-profit organizations of values greater than one million rupees or an equivalent in foreign currency (d) all cash transactions where forged or counterfeit currency notes or bank notes have been used and where any forgery of a valuable security or a document has taken place facilitating the transaction and (e) all suspicious transactions.

## **Legal Reserve Requirements**

### ***Cash Reserve Ratio***

Each bank is required to maintain a specific percentage of its demand and time liabilities by way of a balance in a current account with the RBI. This is to maintain the solvency of the banking system. The cash reserve ratio is currently at 6.0%. For this purpose, the following liabilities are not considered:

net inter-bank liabilities;

refinancing from the RBI and other institutions permitted to offer refinancing to banks; and

perpetual debt qualifying for lower Tier 1 capital treatment.

The cash reserve ratio has to be maintained on an average basis for a two-week period and should not fall below 70.0% of the required cash reserve ratio on any particular day. Effective from the fortnight beginning March 31, 2007, RBI does not pay any interest on cash reserve ratio balances.

### ***Statutory Liquidity Ratio***

In addition to the cash reserve ratio, each bank is required to maintain in India a specified percentage of its net demand and time liabilities by way of liquid assets such as cash, gold or approved securities, such as Government of India securities and state government securities. This is to maintain liquidity in the banking system. The statutory liquidity ratio is currently at 25%. For this purpose, the following liabilities are not considered:

any advance taken from the RBI or from certain other financial institutions;

inter-bank liabilities to the extent of inter-bank assets; and

perpetual debt qualifying for lower Tier I capital treatment.

---

## **Table of Contents**

### **Regulations on Asset Liability Management**

Guidelines on the ALM system were issued by the RBI in February 1999, covering, inter alia, the interest rate risk and liquidity risk measurement/ reporting framework and prudential limits. Gap statements are prepared by scheduling all assets and liabilities according to the stated or anticipated re-pricing date or maturity date. As a measure of liquidity management, banks were required to monitor their cumulative mismatches across all time buckets in their statement of structural liquidity by establishing internal prudential limits with the approval of their boards/ management committees. As per the guidelines, in the normal course, the mismatches (negative gap) in the time buckets of 1-14 days and 15-28 days were not to exceed 20 percent of the cash outflows in the respective time buckets.

The RBI fine-tuned the guidelines on ALM in order to make liquidity management by banks more dynamic. Taking into consideration the international practices in this regard, the level of sophistication of banks and the need for a sharper assessment and better liquidity management, it was decided that the 1-14 days time bucket be made more granular by splitting it into three time bands,- day 1 (i.e., next day), 2-7 days and 8-14 days. Accordingly, in October 2007, banks were advised that the net cumulative negative mismatches during the next day, 2-7 days, 8-14 days and 15-28 days should not exceed 5 percent, 10 percent, 15 percent and 20 percent of the cumulative outflows, respectively, in order to recognize the cumulative impact on liquidity. Banks were also advised to undertake dynamic liquidity management and prepare the statement of structural liquidity on a daily basis. In the absence of a fully networked environment, banks were allowed to compile the statement on best available data coverage initially but were advised to make conscious efforts to attain 100 percent data coverage in a timely manner.

The statement of structural liquidity was required to be reported to the RBI, once a month, as on the third Wednesday of every month. The frequency of supervisory reporting of the structural liquidity position was increased to fortnightly, with effect from April 1, 2008. Banks are now required to submit the statement of structural liquidity as on the first and third Wednesday of every month to the RBI.

### **Foreign Currency Dealership**

The RBI has granted the Bank a fully Authorized Dealers License to deal in foreign exchange through its designated branches. Under this license, the Bank has been granted permission to: engage in foreign exchange transactions in all currencies; open and maintain foreign currency accounts abroad; raise foreign currency and rupee-denominated deposits from non-resident Indians; grant foreign currency loans to on-shore and off-shore corporations; open documentary credits; grant import and export loans; handle collection of bills and funds transfer services; issue foreign currency guarantees; and enter into derivative transactions and risk management activities that are incidental to the Bank's normal functions as permitted under the provisions of the Banking Regulation Act, 1949.

Our foreign exchange operations are subject to the guidelines contained in the Foreign Exchange Management Act, 1999. As an authorized dealer, we are required to enroll as a member of the Foreign Exchange Dealers Association of India, which prescribes the ground rules relating to the foreign exchange business in India.

Authorized Dealers are required to determine their limits on open positions and maturity gaps in accordance with RBI guidelines and these limits are approved by the RBI. Further, we are permitted to hedge foreign currency loan exposures of Indian corporations in the form of interest rate swaps, currency swaps and forward rate agreements, subject to certain conditions.

### **Statutes Governing Foreign Exchange and Cross-Border Business Transactions**

Foreign exchange and cross border transactions undertaken by banks are subject to the provisions of the Foreign Exchange Management Act, 1999 (the Foreign Exchange Management Act). All banks are required to monitor the transactions in all non-resident accounts to prevent money laundering. These transactions are governed under the provisions of the Foreign Exchange Management Act, 1999 and The Prevention of Money Laundering Act, 2002.

In March 2006, in view of enhanced stability in India's external and financial sectors and increased integration of the Indian financial sector in the global economy, the RBI constituted a committee (known as the Tarapore Committee) to set out a roadmap towards Fuller Capital Account Convertibility. This committee has made several recommendations for the development of a foreign exchange market, interaction of monetary and exchange rate policy and the sequencing of capital account liberalization.

In terms of the guidelines prescribed by the RBI, overseas foreign currency borrowings by banks in India should not exceed 50% of its unimpaired Tier 1 capital or US\$ 10 million (or its equivalent), whichever is higher. The aforesaid limit applies to the aggregate amount availed of by all the offices and branches in India from all their branches and correspondents abroad and includes overseas borrowings in gold for funding domestic gold loans.





## **Table of Contents**

The following borrowings would continue to be outside the above limit:

1. overseas borrowing by banks for the purpose of financing export credit subject to certain conditions prescribed by RBI;
2. capital funds raised or augmented by the issue of Innovative Perpetual Debt Instruments and Debt Capital Instruments in foreign currency; and
3. any other overseas borrowing with the specific approval of the Reserve Bank.

### **Requirements of the Banking Regulation Act**

#### ***Prohibited Business***

Section 6 of the Banking Regulation Act 1949 specifies the business activities in which a bank may engage. Banks are prohibited from engaging in business activities other than the specified activities.

#### ***Reserve Fund***

Any bank incorporated in India is required to create a reserve fund to which it must transfer not less than 25.0% of the profits of each year before any dividend is declared. If there is an appropriation from the reserve funds or share premium account, the bank is required to report the same to the RBI within 21 days, explaining the circumstances leading to such appropriation.

#### ***Restrictions on Payment of Dividends***

The Banking Regulation Act requires that a bank pay dividends on its shares only after all of its expenses capitalized under Indian GAAP (including preliminary expenses, organization expenses, share selling commissions, brokerage on public offerings, amounts of losses and any other items of expenditure not represented by tangible assets) have been completely written off.

The government of India may, upon the recommendation of the RBI, exempt a bank from the restrictions on dividend payments.

The RBI issued revised guidelines in May 2005 regarding declaration and payment of dividends (including interim dividends) by banks, with effect from fiscal 2005. Banks that comply with the following prudential requirements are eligible to declare dividends:

capital adequacy ratio must be at least 9.0% for the preceding two completed years and the fiscal year for which the bank proposes to declare a dividend;

net non-performing assets must be less than 7.0% of advances. In the event a bank does not meet the above capital adequacy norm, but has capital adequacy of at least 9.0% for the accounting year for which it proposes to declare a dividend, it would be eligible to declare a dividend, provided its net non-performing asset ratio is less than 5%;

the bank has complied with the provisions of Sections 15 and 17 of the Banking Regulation Act;

the bank has complied with the prevailing regulations/guidelines issued by the RBI, including creating adequate provisions for the impairment of assets and staff retirement benefits and the transfer of profits to statutory reserves;

dividends should be payable out of the current year's profits; and

the RBI has not placed any explicit restrictions on the bank for declarations of dividends.

Banks, which comply with the above prudential requirements, can pay dividends subject to compliance with the following conditions:

the dividend payout ratio (calculated as a percentage of dividends payable in a year (excluding dividend tax) to net profit during the year ) should not exceed 40.0%. The RBI has prescribed a matrix of criteria linked to the capital adequacy ratio and the net non-performing assets ratio in order to ascertain the maximum permissible range of the dividend payout ratio; and

if the financial statements for which the dividend is declared have any audit qualifications which have an adverse bearing on the profits, the same should be adjusted while calculating the dividend payout ratio.

***Restriction on Share Capital and Voting Rights***

Banks can issue only ordinary shares. The Banking Regulation Act, 1949 specifies that no shareholder in a banking company can exercise voting rights in a poll in excess of 10.0% of total voting rights of all the shareholders of the banking company.

## **Table of Contents**

### ***Restriction on Transfer of Shares***

RBI approval is required before a bank can register the transfer of shares to an individual or group which acquires 5.0% or more of its total paid-up capital.

### ***Regulatory Reporting and Examination Procedures***

The RBI is empowered under the Banking Regulation Act, 1949 to inspect the books of accounts and the other operations of a bank. The RBI monitors prudential parameters at regular intervals. The findings of these inspections are provided to the banks, the banks are required to comply with the actions recommended in order to set right any discrepancies in their operations as contained in the inspection findings within a stipulated time frame. Further the banks are required to keep the inspection report confidential as per instructions issued by the RBI. To this end and to enable off-site monitoring and surveillance by the RBI, banks are required to report to the RBI on financial and operating measures such as:

assets, liabilities and off-balance sheet exposures;

the risk weighting of these exposures, the capital base and the capital adequacy ratio;

the unaudited balance sheet/statement of income;

asset quality;

concentration of exposures; and

other prudential parameters.

The RBI also conducts periodic on-site inspections of matters relating to the bank's portfolio, risk management systems, internal controls, credit allocation and regulatory compliance, at intervals ranging from one to three years. We have been subject to on-site inspection by the RBI at yearly intervals. The inspection report, along with the report on actions taken by us, has to be placed before our Board of Directors. On approval by our board, we are required to submit the report on actions taken by us to the RBI. The RBI also discusses the findings of the inspection with the Managing Director and Chief Executive Officer of the Bank along with a few members of the Audit Committee of the Board.

The RBI also conducts on-site supervision of selected branches with respect to their general operations and foreign exchange related transactions.

### ***Penalties***

The RBI is empowered under the Banking Regulation Act, 1949 to impose penalties on banks and their employees in case of infringement of any provision of the Act. The penalty may be a fixed amount or may be related to the amount involved in any contravention of the regulations. The penalty may also include imprisonment.

### ***Assets to be maintained in India***

Every bank is required to ensure that its assets in India (including import-export bills drawn on/in India and the RBI approved securities, even if the bills and the securities are held outside India) are not less than 75% of its demand and time liabilities in India.

### ***Secrecy Obligations***

## Edgar Filing: HDFC BANK LTD - Form 20-F

Our obligations relating to maintaining secrecy arise out of regulatory prescription as also common law principles governing the relationship between us and our customers. We cannot disclose any information to third parties except under certain limited and clearly defined circumstances as detailed in the guidelines issued by the RBI.

### **Subsidiaries and Other Investments**

The Bank requires the prior permission of the RBI to incorporate a subsidiary. The Bank is required to maintain an arms -length relationship in respect of its subsidiaries in regard to business parameters such as taking undue advantage in borrowing or lending funds, transferring or selling or buying securities at rates other than market rates, giving special consideration for securities transactions, in supporting or financing the subsidiary and financing its clients through them when it itself is not able or not permitted to do so. The Bank and its subsidiaries have to observe the prudential standards stipulated by the RBI, from time to time, in respect of its underwriting commitments. Pursuant to such prudential standards, the Bank s underwriting or the underwriting commitment of its subsidiaries under any single obligation shall not exceed 15.0% of an issue.

---

## **Table of Contents**

The Bank also requires the prior specific approval of the RBI to participate in the equity of financial services ventures including stock exchanges and depositories, notwithstanding the fact that such investments may be within the ceiling prescribed under Section 19(2) of the Banking Regulation Act. Further investment by the Bank in a subsidiary, financial services company or financial institution should not exceed 10.0% of its paid-up capital and reserves and its aggregate investments in all such companies and financial institutions put together should not exceed 20.0% of its paid-up capital and reserves.

### **Guidelines for Merger/Amalgamation of Private Sector Banks**

The RBI issued detailed guidelines in May 2005 on the merger or amalgamation of private sector banks and for the amalgamation of a non-banking finance company with a banking company. The guidelines lay down the process for a merger proposal, the determination of swap ratios, disclosures, the stages at which the board of directors will get involved in the merger process and norms of buying and selling of shares by the promoters before and during the merger process.

### **Appointment and Remuneration of the Chairman, the Managing Director and Other Directors**

We require the prior approval of the RBI to appoint our Chairman and Managing Director and any other directors and to fix their remuneration. The RBI is empowered to remove the appointee on the grounds of the public interest or the interest of depositors or to ensure the proper management of the Bank. Further, the RBI may order meetings of the Bank's Board of Directors to discuss any matter in relation to the Bank, appoint observers to these meetings and in general may make changes to the management as it may deem necessary and can also order the convening of a general meeting of the company to elect new directors.

The RBI has issued guidelines relating to salary and other remuneration payable to the Chairman, Managing Director and full-time directors of new private sector banks. Pursuant to the guidelines, the RBI has permitted banks to fix the performance bonus payable to the managing director/whole time directors on either of two criteria:

up to a maximum of 25% of the salary; or

the average bonus paid to officers and employees. The average bonus paid to officers and employees is calculated by dividing the total salary bill by the total bonus paid to them.

### **Regulations and Guidelines of the Securities and Exchange Board of India (SEBI)**

SEBI was established in the year 1992 in accordance with the provisions of the Securities and Exchange Board of India Act, 1992 to protect the interests of public investors in securities and to promote the development of, and to regulate, the Indian securities market including all related matters. We are subject to SEBI regulations in respect of certain of our activities, including acting as agent for collecting subscriptions to public offerings of securities made by other Indian companies. These regulations provide for registering with SEBI, the functions, responsibilities and the code of conduct applicable for each of these activities.

### **Regulations governing international branches and representative offices**

The Bank has a wholesale banking branch in Bahrain and one representative office each in Dubai, UAE and Nairobi, Kenya.

The branch in Bahrain is regulated by the Central Bank of Bahrain. The type of license is a wholesale bank branch. The activities that can be carried out from the Bahrain branch are deposit taking, providing credit, dealing in financial instruments as principal, dealing in financial instruments as agent, managing financial instruments, operating a collective investment undertaking, arranging deals in financial instruments, advising on financial instruments and issuing / administering means of payment.

The representative office in Dubai, UAE is regulated by the Central Bank of UAE and the representative office in Nairobi, Kenya is regulated by the Central Bank of Kenya.

---

**Table of Contents**

**EXCHANGE CONTROLS**

**Restrictions on Conversion of Rupees**

There are restrictions on the conversion of rupees into dollars. Before February 29, 1992, the RBI determined the official value of the rupee in relation to a weighted basket of currencies of India's major trading partners. In the February 1992 budget, a new dual exchange rate mechanism was introduced by allowing conversion of 60.0% of the foreign exchange received on trade or by current account at a market-determined rate and the remaining 40.0% at the official rate. All importers were, however, required to buy foreign exchange at the market rate, except for certain priority imports. In March 1993, the exchange rate was unified and allowed to float. In February 1994 and again in August 1994, the RBI announced relaxations in payment restrictions in the case of a number of transactions. Since August 1994, the government of India has substantially complied with its obligations owed to the International Monetary Fund, under which India is committed to refrain from using exchange restrictions on current international transactions as an instrument in managing the balance of payments. Effective July 1995, the process of current account convertibility was advanced by relaxing restrictions on foreign exchange for various purposes, such as foreign travel and medical treatment. The government has also, since 1999, relaxed restrictions on capital account transactions by resident Indians. For example, by circular dated March 18, 2004 issued by the RBI and more recently by circular dated September 26, 2007 issued by the RBI, persons resident in India are now permitted to remit up to US\$ 200,000 for any permissible current or capital account transaction or a combination of both.

**Restrictions on Sales of the Equity Shares Underlying the ADSs and Repatriation of Sale Proceeds**

Under the laws of India, ADSs issued by Indian companies to non-residents are freely transferable outside of India. Similarly, under the recent amendments to Indian regulations, no approval of the RBI is required for the sale of equity shares underlying ADSs by a non-resident of India to a person resident in India, subject to reporting requirements and the applicable pricing norms if the shares are not sold on a recognized Indian exchange.

The Ministry of Finance, Government of India, has granted general permission for the transfer of ADRs outside India and also permitted non-resident holders of ADRs to surrender ADRs in exchange for the underlying shares of the Indian issuer company. Pursuant to the terms of the deposit agreement, an investor who surrenders ADRs and withdraws shares is permitted to redeposit such shares subject to the total issued ADRs and obtain ADRs at a later time, subject to compliance with applicable regulations.

**Two-Way Fungibility of ADRs**

The RBI permits the re-conversion of shares of Indian companies into ADRs, subject to the following conditions:

the Indian company has issued ADRs;

the shares of the Indian company are purchased by a registered stockbroker in India in the name of the depository, on behalf of the non-resident investor who wishes to convert such shares into ADRs;

shares are purchased on a recognized stock exchange;

the shares are purchased with the permission of the custodian of the ADRs of the Indian company and are deposited with the custodian;

the issuer company has authorized the custodian to accept shares from non-resident investors for reissuance of ADRs;

## Edgar Filing: HDFC BANK LTD - Form 20-F

the number of shares so purchased does not exceed the ADRs converted into underlying shares, and are in compliance with the sectoral caps applicable under the Foreign Direct Investment regime; and

the non-resident investor, broker, custodian and the overseas depository comply with the provisions of the Depository Receipt Mechanism and the guidelines issued thereunder from time to time.

**Table of Contents**

The RBI requires the domestic custodian to ensure compliance with RBI guidelines and to file reports with the RBI from time to time. The domestic custodian is also required to perform, inter alia, the following functions in the context of the two-way fungibility of ADSs as per Indian laws:

provide a certificate to the RBI and the SEBI stating that the sectoral caps for foreign investment in the relevant company have not been breached;

monitor the total number of ADRs that have been converted into underlying shares by non-resident investors;

liaise with the issuer company to verify that the sectoral caps for foreign direct investment, if any, are not being breached; and

file a monthly report about the ADR transactions under the two-way fungibility arrangement with the RBI and the SEBI.

An investor who surrenders an ADS and withdraws equity shares may be entitled to redeposit those equity shares in the depository facility in exchange for ADSs and the depository may accept deposits of outstanding equity shares purchased by a non-resident on the local stock exchange and issue ADSs representing those equity shares. However, in each case, the aggregate number of equity shares re-deposited or deposited by such persons cannot exceed the number of shares represented by ADSs as have been previously cancelled and not already replaced by further newly issued ADSs. The RBI has issued a notification, inter alia, permitting Indian companies to sponsor ADR issues against shares held by their shareholders at a price to be determined by the lead manager. Investors who seek to sell any equity shares in India withdrawn from the depository facility and to convert the rupee proceeds from the sale into foreign currency and repatriate the foreign currency from India will, subject to the foregoing, not have to obtain RBI approval for each transaction.



---

**Table of Contents**

**RESTRICTIONS ON FOREIGN OWNERSHIP OF INDIAN SECURITIES**

The government of India regulates ownership of Indian companies by non-residents. Foreign investment in Indian securities is generally regulated by the Foreign Exchange Management Act. The Foreign Exchange Management Act, when read together with a series of regulations issued thereunder by the RBI, permits transactions involving the inflow or outflow of foreign exchange and empowers the RBI to prohibit or regulate such transactions.

The Foreign Exchange Management Act has eased restrictions on current account transactions by non-residents. However, the RBI continues to exercise control over capital account transactions (i.e., those that alter the assets or liabilities, including contingent liabilities, of persons). The RBI has issued regulations under the Foreign Exchange Management Act to regulate the various kinds of capital account transactions, including certain aspects of the purchase and issuance of shares of Indian companies.

The RBI has issued a notification under the provisions of the Foreign Exchange Management Act relaxing the requirement of prior approval for an Indian company making an ADS issue, provided that the issuer is eligible to issue ADSs pursuant to the relevant scheme or notification issued by the Ministry of Finance or has the necessary approval from the Ministry of Finance.

Under the foreign investment rules, the following restrictions are applicable to non-resident ownership:

**Foreign Direct Investment**

The Government of India, pursuant to its liberalization policy, set up the Foreign Investment Promotion Board, or the FIPB, to regulate all foreign direct investment into India. Foreign Direct Investment ( FDI ) means investment by a non-resident entity/person resident outside India in the equity shares/compulsorily convertible preference shares/ compulsorily convertible debentures of an Indian company under Schedule 1 of the FEM (Transfer or Issue of Security by a Person Outside India) Regulations, 2000. FIPB approval is required for investment in some sectors, including petroleum (other than refining), defense and strategic industries. Also, the following investments would require the prior permission of the FIPB:

investments, including a transfer of shares, in excess of specified sectoral caps;

transfer of control and / or ownership pursuant to amalgamation, merger, or acquisition of an Indian company, engaged in an activity having limitations on foreign ownership, currently owned or controlled by resident Indian citizens and Indian companies, which are owned or controlled by resident Indian citizens to a non-resident entity;

investments by a foreign investor who has an existing joint venture or technology transfer/trade mark agreement in the same field as on January 12, 2005. However, prior FIPB approval will not be required in the case of an investment made by a venture capital fund registered with SEBI or where the investment in the existing joint venture is less than 3.0% or where the existing joint venture is defunct or sick or where the investment is being made in the information technology sector, or an investment by a multi-national financial institution, or an investment in the mining sector for the same area / mineral;

investment of more than 24.0% in the equity capital of units manufacturing items reserved for small scale industries;

investments by an unincorporated entity;

investments in industries for which industrial licensing is compulsory; and

## Edgar Filing: HDFC BANK LTD - Form 20-F

all proposals relating to the acquisition of shares of an Indian company by a foreign investor (including individuals of Indian nationality or origin residing outside India (a Non-Resident Indian )), the activities of which company are not under the automatic route under existing Indian exchange control regulations or where the Indian company is engaged in the financial services sector or where the acquisition of shares attracts the provisions of the Takeover Code. However, as per a Press Note dated February 10, 2006 issued by the Government of India, the prior permission of the FIPB would not be required for transfer of shares from residents to non-residents in the financial services sector in cases where approvals are required from the RBI, or the Insurance Regulatory and Development Authority or where the provisions of the Takeover Code apply (both of which will require prior approval of the RBI).

A person residing outside India (other than a citizen of Pakistan or Bangladesh) or any entity incorporated outside India (other than an entity incorporated in Pakistan or Bangladesh) has general permission to purchase shares, convertible debentures or preference shares of an Indian company subject to certain terms and conditions.

**Table of Contents**

Subject to certain exceptions, FDI and investment by Non-Resident Indians in Indian companies does not require the prior approval of the FIPB or the RBI. The government has indicated that in all cases where FDI is allowed on an automatic basis without FIPB approval, the RBI would continue to be the primary agency for the purposes of monitoring and regulating foreign investment. In cases where FIPB approval is obtained, no approval of the RBI is required. In both of the above cases, the prescribed applicable norms with respect to determining the price at which the shares may be issued by the Indian company to the non-resident investor would need to be complied with and a declaration in the prescribed form, detailing the foreign investment, must be filed with the RBI once the foreign investment is made in the Indian company. The foregoing description applies only to an issuance of shares by, and not to a transfer of shares of, Indian companies.

The government has set up the Foreign Investment Implementation Authority, or the FIIA, in the Ministry of Commerce and Industry. The FIIA has been mandated to (i) translate FDI approvals into implementation, (ii) provide a proactive one-stop after-care service to foreign investors by helping them obtain necessary approvals, (iii) sort out operational problems and (iv) meet with various government agencies to find solutions to foreign investment problems and maximize opportunities through a cooperative approach.

Under the foreign investment rules, the following restrictions are applicable to foreign ownership:

Foreign investors may own up to 74.0 % of the equity shares of a private sector Indian banking company subject to compliance with guidelines issued by the RBI from time to time. FDI up to 49% is permitted under the automatic route and FDI above 49% requires prior approval of the FIPB. It includes FDI, ADSs, Global Depository Receipts and investments under the portfolio investment scheme by foreign institutional investors and also by Non-Resident Indians. In addition, it encompasses shares acquired by subscription in private placements and public offerings and acquisitions of shares from existing shareholders. Aggregate foreign investment in HDFC Bank from all sources is allowed up to a maximum of 74.0% of the paid-up capital of the Bank. At least 26.0% of the paid-up capital would have to be held by Indian residents.

Under the Issue of Foreign Currency Convertible Bonds and Equity Shares (through Depository Receipt Mechanism) Scheme, 1993, foreign investors may purchase ADSs subject to the receipt of all necessary government approvals at the time the depository receipt program is set up. With a view to liberalizing the operational procedures, the government of India's Ministry of Finance and the RBI have granted a general approval to ADS issues, subject to certain restrictions. However, pricing of ADS offerings is subject to new regulations announced by the Ministry of Finance amending the depository receipt scheme. Pursuant to this amendment, issuers of ADSs are required to ensure that the pricing of ADSs is made at a price that is not lower than the average of the weekly high and low of the closing prices of the related shares quoted on the stock exchange during the two weeks preceding the relevant date. The relevant date is the date of the meeting in which the board of the company or the committee of directors duly authorized by the board of the company decides to open the proposed issue. This pricing requirement will be dispensed with if the ADSs are offered simultaneously with or within 30 days of a domestic offering of equity shares and if the ADSs are priced at or above the price of the domestic offering. Companies contemplating such a simultaneous or immediately follow on offering must obtain prior approval of SEBI and must make the follow on offering within 30 days.

Under the portfolio investment scheme, foreign institutional investors, subject to registration with SEBI and the RBI, may hold in aggregate up to 24.0% of the paid-up equity capital of a company (including a private sector banking company). Subject to a resolution of the board of directors and a special resolution of the shareholders this limit may be raised to 49% of the total issued capital of a private sector banking company; no single foreign institutional investor may own more than 10.0% of the total issued capital of the company; a corporate or individual sub-account of the foreign institutional investor may not hold more than 5.0% of the total issued capital of a company; a broad based sub-account may not hold more than 10.0% of the total issued capital of a company and no single Non-Resident Indian may own more than 5.0% of the total issued capital of the company. In addition, overseas corporate bodies are not permitted to invest under the portfolio investment scheme though they may continue to hold investments that have already been made under the portfolio investment scheme until such time as these investments are sold on the stock exchange.

**Table of Contents**

SEBI, through the SEBI (Foreign Institutional Investors) (Amendment) Regulations, 2008, which amended the Foreign Institutional Investors Regulations, has provided that, a FII may issue, deal in or hold offshore derivative instruments such as participatory notes, equity linked notes or any other similar instruments against underlying securities, listed or proposed to be listed on any stock exchange in India, only in favor of those entities that are regulated by any regulatory authority in the countries of their incorporation or establishment, subject to compliance with the know your client requirement. The FII is also required to ensure that no further issue or transfer of any off-shore derivative instrument is made to any person other than a regulated entity. Further, FII cannot issue offshore derivative instruments with derivatives tradable on any recognized stock exchange in India as the underlying security. Sub-accounts cannot issue offshore derivative instruments. Also, SEBI, has broadened the scope of who can apply in order to be granted a registration and the criteria that would be followed and has stated that a foreign institutional investor shall be responsible and liable for all acts of commission and omission of all its sub-accounts and other deeds and things done by such sub-accounts in their capacity as sub-accounts under these regulations.

Investors in ADSs do not need to seek the specific approval from the government of India to purchase, hold or dispose of their ADSs. In our ADS offering, we obtained the in-principle approval of the relevant stock exchanges for listing of the equity shares underlying the ADSs. We were not required to obtain the prior approval of the Foreign Investment Promotion Board or the RBI. Notwithstanding the foregoing, if a foreign institutional investor, Non-Resident Indian or overseas corporate body were to withdraw its equity shares from the ADS program, its investment in the equity shares would be subject to the general restrictions on foreign ownership noted above and may be subject to the portfolio investment restrictions, including the portfolio investment limitations mentioned above. Secondary purchases of securities of Indian companies in India by foreign direct investors or investments by Non-Resident Indians, persons of Indian origin, overseas corporate bodies and foreign institutional investors above the ownership levels set forth above require the government of India's approval on a case-by-case basis. Furthermore, if an investor withdraws equity shares from the ADS program and its direct or indirect holding in us is equal to or exceeds 15.0% of our total equity, such investor may be required to make a public offer to the remaining shareholders under the Takeover Code.

**Table of Contents**

**ADDITIONAL INFORMATION**

It is possible to read and copy documents referred to in this annual report on Form 20-F that have been filed with the SEC at the SEC's public reference room located at 100 F Street NE, Washington, DC 20549. Please call the SEC at 1-800-SEC-0330 for further information on the public reference rooms and the copy charges. The SEC filings are also available to the public from commercial document retrieval services and at the internet website maintained by the SEC at [www.sec.gov](http://www.sec.gov).

**Table of Contents**

**MANAGEMENT'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING**

The management of **HDFC Bank Limited**, (the Bank) is responsible for establishing and maintaining adequate internal control over financial reporting. The Bank's internal control system was designed to provide reasonable assurance to the Bank's management, its Audit Committee and Board of Directors regarding the preparation and fair presentation of published financial statements.

There are inherent limitations to the effectiveness of any internal control or system of control, however well designed, including the possibility of human error and the possible circumvention or overriding of such controls or systems. Moreover, because of changing conditions, the reliability of internal controls may vary over time. As a result, even effective internal controls can provide no more than reasonable assurance with respect to the accuracy and completeness of financial statements and their process of preparation.

The Bank management assessed the effectiveness of the Bank's internal control over financial reporting as of March 31, 2010. In making this assessment, it has used the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) in Internal Control - Integrated Framework. Based on those criteria and our assessment we believe that, as of March 31, 2010, the Bank's internal control over financial reporting was effective.

The Bank's independent public accountant, Deloitte Haskins & Sells, has issued an audit report on the Bank's internal control over financial reporting.

**HDFC BANK LIMITED**

**HDFC Bank House,**

**Senapati Bapat Marg,**

**Lower Parel,**

**Mumbai 400 013, India.**

**September 30, 2010**

---

**Table of Contents**

**REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

To The Board of Directors and Shareholders of

HDFC Bank Limited:

Mumbai, India

We have audited the Internal Control over Financial Reporting of HDFC Bank Limited and subsidiaries (the Bank) as of March 31, 2010, based on criteria established in Internal Control – Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission. The Bank's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in Item 15 under Controls and Procedures of the accompanying Form 20-F titled Management's Report on Internal Control over Financial Reporting. Our responsibility is to express an opinion on Bank's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company's internal control over financial reporting is a process designed by, or under the supervision of, the company's principal executive and principal financial officers, or persons performing similar functions, and effected by the company's board of directors, management, and other personnel to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of the inherent limitations of internal control over financial reporting, including the possibility of collusion or improper management override of controls, material misstatements due to error or fraud may not be prevented or detected on a timely basis. Also, projections of any evaluation of the effectiveness of the internal control over financial reporting to future periods are subject to the risk that the controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In our opinion, the Bank maintained, in all material respects, effective internal control over financial reporting as of March 31, 2010, based on the criteria established in Internal Control – Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission.

We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated financial statements as of and for the year ended March 31, 2010 of the Bank and our report dated September 30, 2010 expressed an unqualified opinion on those financial statements.

/s/ Deloitte Haskins & Sells

Chartered Accountants

Mumbai, India

September 30, 2010





**Table of Contents**

**INDEX TO FINANCIAL STATEMENTS**

	<b>Page</b>
<b>Consolidated Financial Statements of HDFC Bank Limited and its Subsidiaries:</b>	
<u>Report of independent registered public accounting firm financial audit opinion</u>	F-2
<u>Consolidated balance sheets as of March 31, 2009 and 2010</u>	F-3
<u>Consolidated statements of income for the years ended March 31, 2008, 2009 and 2010</u>	F-4
<u>Consolidated statements of cash flows for the years ended March 31, 2008, 2009 and 2010</u>	F-5
<u>Consolidated statements of shareholders equity for the years ended March 31, 2008, 2009 and 2010</u>	F-7
<u>Notes to consolidated financial statements</u>	F-9

**Table of Contents**

**REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

To The Board of Directors and Shareholders of

HDFC Bank Limited:

Mumbai, India

We have audited the accompanying consolidated balance sheets of HDFC Bank Limited and subsidiaries (the Bank ) as of March 31, 2009 and 2010, and the related consolidated statements of income, shareholders' equity and cash flows for each of the years in the three year period ended March 31, 2010 all expressed in Indian Rupees. These consolidated financial statements are the responsibility of the Bank's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). 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, such consolidated financial statements present fairly, in all material respects, the financial position of HDFC Bank Limited and subsidiaries as of March 31, 2009 and 2010, and the results of their operations and their cash flows for each of the years in the three year period ended March 31, 2010, in conformity with accounting principles generally accepted in the United States of America.

We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the Bank's internal control over financial reporting as of March 31, 2010, based on the criteria established in Internal Control - Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission and our report dated September 30, 2010 expressed an unqualified opinion on the Bank's internal control over financial reporting.

Our audit for the year ended and as of March 31, 2010, also comprehended the translation of Indian Rupee amounts into U.S. dollar amounts and, in our opinion, such translation has been made in conformity with the basis stated in Note 1(y). The translation of the consolidated financial statement amounts into United States dollars has been made solely for the convenience of the readers.

/s/ Deloitte Haskins & Sells  
Chartered Accountants  
Mumbai, India  
September 30, 2010

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****CONSOLIDATED BALANCE SHEETS**

	2009	As of March 31, 2010	2010
	(In millions, except number of shares)		
<b>ASSETS:</b>			
Cash and cash equivalents	Rs. 171,224.4	Rs. 297,558.5	US\$ 6,619.8
Term placements	34,473.2	58,166.3	1,294.0
Investments held for trading, at fair value	35,386.2	28,158.8	626.4
Investments available for sale, at fair value (includes restricted investments of Rs. 234,287.4 and Rs. 384,318.2 (US\$ 8,549.9) respectively)	508,106.3	481,398.8	10,709.7
Securities purchased under agreements to resell	25,497.2	20,000.0	444.9
Loans (net of allowance of Rs. 24,550.9 and Rs. 23,760.6 (US\$ 528.6) respectively)	986,495.0	1,297,180.4	28,858.3
Accrued interest receivable	13,251.9	13,767.3	306.3
Property and equipment, net	20,649.4	22,302.8	496.2
Intangible assets, net	12,731.0	8,961.5	199.4
Goodwill	74,937.9	74,937.9	1,667.1
Other assets	137,992.3	114,088.1	2,538.2
<b>Total assets</b>	<b>Rs. 2,020,744.8</b>	<b>Rs. 2,416,520.4</b>	<b>US\$ 53,760.3</b>
<b>LIABILITIES AND SHAREHOLDERS EQUITY:</b>			
<b>Liabilities:</b>			
Interest-bearing deposits	Rs. 1,142,281.9	Rs. 1,301,046.0	US\$ 28,944.3
Non-interest-bearing deposits	284,006.7	371,354.3	8,261.5
<b>Total deposits</b>	<b>1,426,288.6</b>	<b>1,672,400.3</b>	<b>37,205.8</b>
Short-term borrowings	27,237.0	98,165.0	2,183.9
Accrued interest payable	33,225.3	19,964.2	444.1
Long-term debt	67,598.8	75,854.4	1,687.5
Accrued expenses and other liabilities	216,342.0	243,682.3	5,421.4
<b>Total liabilities</b>	<b>1,770,691.7</b>	<b>2,110,066.2</b>	<b>46,942.7</b>
Commitments and contingencies (See Note 25)			
<b>Shareholders equity:</b>			
Equity shares: par value Rs. 10 each; authorized 550,000,000 shares and 550,000,000 shares; issued and outstanding 425,384,109 shares and 457,743,272 shares, respectively	4,253.8	4,577.4	101.8
Additional paid in capital	178,887.7	223,784.9	4,978.5
Retained earnings	34,845.9	47,059.1	1,046.9
Statutory reserve	22,987.3	30,359.0	675.4
Accumulated other comprehensive income (loss)	8,523.0	(198.7)	(4.4)
<b>Total HDFC Bank Limited shareholders equity</b>	<b>249,497.7</b>	<b>305,581.7</b>	<b>6,798.2</b>
Noncontrolling interest in subsidiaries	555.4	872.5	19.4
<b>Total shareholders equity</b>	<b>250,053.1</b>	<b>306,454.2</b>	<b>6,817.6</b>
<b>Total liabilities and shareholders equity</b>	<b>Rs. 2,020,744.8</b>	<b>Rs. 2,416,520.4</b>	<b>US\$ 53,760.3</b>

Edgar Filing: HDFC BANK LTD - Form 20-F

See accompanying notes to consolidated financial statements

F-3

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****CONSOLIDATED STATEMENTS OF INCOME**

	2008	Fiscal years ended March 31,		2010
		2009	2010	2010
		(In millions, except share and per share amounts)		
<b>Interest and dividend revenue:</b>				
Loans	Rs. 72,595.9	Rs. 117,281.5	Rs. 118,364.5	US\$ 2,633.4
Trading securities	3,449.3	3,382.3	4,445.2	98.9
Available for sale securities	25,261.4	35,636.9	33,304.6	740.9
Other	2,943.1	2,696.1	2,537.0	56.4
<b>Total interest and dividend revenue</b>	<b>104,249.7</b>	<b>158,996.8</b>	<b>158,651.3</b>	<b>3,529.6</b>
<b>Interest expense:</b>				
Deposits	42,667.1	76,748.1	69,854.0	1,554.0
Short-term borrowings	4,093.6	5,799.6	1,420.4	31.6
Long-term debt	2,646.0	3,490.3	6,052.6	134.7
Other	7.3	76.9	393.0	8.7
<b>Total interest expense</b>	<b>49,414.0</b>	<b>86,114.9</b>	<b>77,720.0</b>	<b>1,729.0</b>
<b>Net interest revenue</b>	<b>54,835.7</b>	<b>72,881.9</b>	<b>80,931.3</b>	<b>1,800.6</b>
Provision for credit losses	13,367.7	20,394.9	18,193.9	404.8
<b>Net interest revenue after provision for credit losses</b>	<b>41,468.0</b>	<b>52,487.0</b>	<b>62,737.4</b>	<b>1,395.8</b>
<b>Non-interest revenue, net:</b>				
Fees and commissions	18,443.1	25,672.1	30,469.3	677.8
Trading securities gains, net	243.3	1,114.2	100.2	2.2
Realized gain on sales of available for sale securities, net	379.7	2,939.9	4,574.9	101.8
Other than temporary impairment losses on available for sale securities	(211.3)	(112.4)	(445.5)	(9.9)
Foreign exchange transactions	1,445.0	4,703.9	5,091.6	113.2
Derivatives	(1,054.9)	(2,063.8)	2,911.0	64.8
Other, net	1,101.7	1,349.1	198.2	4.6
<b>Total non-interest revenue, net</b>	<b>20,346.6</b>	<b>33,603.0</b>	<b>42,899.7</b>	<b>954.5</b>
<b>Total revenue, net</b>	<b>61,814.6</b>	<b>86,090.0</b>	<b>105,637.1</b>	<b>2,350.3</b>
<b>Non-interest expense:</b>				
Salaries and staff benefits	19,169.6	29,169.0	31,665.9	704.5
Premises and equipment	4,729.3	8,650.7	11,033.2	245.5
Depreciation and amortization	2,816.0	3,731.4	4,133.7	92.0
Administrative and other	15,546.9	18,332.8	17,808.6	396.2
Amortization of intangible assets		3,271.0	3,769.5	83.9
<b>Total non-interest expense</b>	<b>42,261.8</b>	<b>63,154.9</b>	<b>68,410.9</b>	<b>1,522.1</b>
<b>Income before income tax expense</b>	<b>19,552.8</b>	<b>22,935.1</b>	<b>37,226.2</b>	<b>828.2</b>
Income tax expense	6,307.6	7,737.4	12,338.4	274.5

## Edgar Filing: HDFC BANK LTD - Form 20-F

Net income before noncontrolling interest	Rs. 13,245.2	Rs. 15,197.7	Rs. 24,887.8	US\$ 553.7
Less:Net income attributable to noncontrolling interest	91.0	93.4	317.1	7.1
<b>Net income attributable to HDFC Bank Limited</b>	<b>Rs. 13,154.2</b>	<b>Rs. 15,104.3</b>	<b>Rs. 24,570.7</b>	<b>US\$ 546.6</b>
Per share information:				
Earnings per equity share basic	Rs. 38.24	Rs. 36.40	Rs. 56.30	US\$ 1.25
Earnings per equity share diluted	Rs. 37.75	Rs. 36.21	Rs. 55.61	US\$ 1.24
Per ADS information (where 1 ADS represents 3 shares):				
Earnings per ADS basic	Rs. 114.72	Rs. 109.20	Rs. 168.90	US\$ 3.76
Earnings per ADS diluted	Rs. 113.25	Rs. 108.63	Rs. 166.83	US\$ 3.71

See accompanying notes to consolidated financial statements

F-4

**Table of Contents**

**HDFC BANK LIMITED AND ITS SUBSIDIARIES**  
**CONSOLIDATED STATEMENTS OF CASH FLOWS**

	2008	Fiscal years ended March 31,		2010	
		2009	2010		2010
		(In millions)			
<b>Cash flows from operating activities:</b>					
Net income before noncontrolling interest	Rs. 13,245.2	Rs. 15,197.7	Rs. 24,887.8	US\$ 553.7	
Adjustment to reconcile net income to net cash provided by operating activities					
Provision for credit losses	13,367.7	20,394.9	18,193.9	404.8	
Depreciation and amortization	2,816.0	3,731.4	4,133.7	92.0	
Amortization of intangibles		3,271.0	3,769.5	83.9	
Amortization of deferred acquisition costs	2,916.5	3,671.2	3,664.3	81.5	
Amortization of premium (discount) on investments	2,642.2	4,215.3	3,760.6	83.7	
Other than temporary impairment of investment	211.3	112.4	445.5	9.9	
Provision for deferred income taxes	(2,354.7)	(1,574.7)	(1,318.3)	(29.3)	
Share based compensation expense	1,667.4	1,971.9	3,580.6	79.7	
(Gain) loss on securitization of loans	(13.3)	(1,182.9)			
Net realized (gain) loss on sale of available for sale securities	(379.7)	(2,939.9)	(4,574.9)	(101.8)	
(Gain) loss on disposal of property and equipment, net	(7.3)	(39.9)	(37.9)	(0.8)	
Exchange (gain) loss			1,517.4	33.8	
Net change in:					
Investments held for trading	(109,273.7)	78,171.6	7,227.4	160.8	
Accrued interest receivable	4,445.2	342.7	(525.3)	(11.7)	
Other assets	(29,766.6)	(56,007.4)	29,916.1	665.3	
Accrued interest payable	(293.4)	14,134.0	(13,261.7)	(295.0)	
Accrued expense and other liabilities	51,117.3	42,707.1	27,685.7	615.9	
Net cash provided by operating activities	(49,659.9)	126,176.4	109,064.4	2,426.4	
<b>Cash flows from investing activities:</b>					
Net change in term placements	6,898.2	(19,236.9)	(23,646.0)	(526.1)	
Activity in available for sale securities:					
Purchases	(259,919.0)	(240,626.4)	(231,417.2)	(5,148.3)	
Proceeds from sales	73,274.8	121,835.6	162,692.6	3,619.4	
Maturities, prepayments and calls	73,069.7	100,268.4	82,571.4	1,837.0	
Net change in repurchase options and reverse repurchase options	31,094.3	(67,091.5)	5,497.2	122.3	
Proceeds from loans securitized	2,913.9	22,595.0			
Loans purchased	(15,076.5)	(54,244.6)	(72,747.8)	(1,618.4)	
Repayments on loans purchased	14,306.5	19,307.6	23,836.4	530.3	
Increase in loans originated, net of principal collections	(197,034.3)	(129,660.7)	(284,839.6)	(6,336.8)	
Additions to property and equipment	(6,470.4)	(6,880.5)	(5,978.6)	(133.0)	
Proceeds from sale or disposal of property and equipment	97.8	117.6	123.8	2.8	
Cash on acquisition of CBoP, net		20,567.5			
Net cash used in investing activities	(276,845.0)	(233,048.9)	(343,907.8)	(7,650.8)	





**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****CONSOLIDATED STATEMENTS OF CASH FLOWS (Continued)**

	2008	Fiscal years ended March 31,		2010
		2009	2010	2010
		(In millions)		
<b>Cash flows from financing activities:</b>				
Net increase in deposits	323,562.1	212,222.8	246,365.0	5,480.9
Net increase (decrease) in short-term borrowings	34,005.2	(102,832.5)	70,763.3	1,574.3
Proceeds from issuance of long-term debt		24,284.7	10,201.0	226.9
Retirement of long-term debt	(916.4)	(4,058.8)	(936.8)	(20.8)
Proceeds from issuance of equity shares for options exercised	1,292.3	794.0	5,559.7	123.7
Proceeds from issuance of shares	37,839.6			
Proceeds from issuance of warrants/equity shares on exercise of warrants		4,009.2	36,080.5	802.7
Payment of dividends and dividend tax	(2,616.3)	(3,530.5)	(4,985.8)	(110.9)
Net cash provided by financing activities	393,166.5	130,888.9	363,046.9	8,076.8
Effect of exchange rate changes on cash and cash equivalents			(1,869.4)	(41.6)
Net change in cash and cash equivalents	66,661.6	24,016.4	126,334.1	2,810.6
Cash and cash equivalents, beginning of year	80,546.4	147,208.0	171,224.4	3,809.2
<b>Cash and cash equivalents, end of year</b>	Rs. 147,208.0	Rs. 171,224.4	Rs. 297,558.5	US\$ 6,619.8
<b>Supplementary cash flow information:</b>				
Interest paid	Rs. 49,707.4	Rs. 71,980.9	Rs. 90,981.1	US\$ 2,024.1
Income taxes paid	Rs. 8,376.0	Rs. 18,674.2	Rs. 14,526.2	US\$ 323.2
<b>Non-cash investment activities</b>				
Payable for purchase of property and equipment	Rs. 174.3	Rs. 327.6	Rs. 221.9	US\$ 4.9
<b>On acquisition of CBoP by stock-for-stock exchanges</b>				
Non-cash assets acquired at fair value		321,205.0	Rs.	US\$
Liabilities assumed at fair value		239,003.1	Rs.	US\$
<b>Net</b>		82,201.9	Rs.	US\$
<b>Non-cash financing activities</b>				
Stocks issued in connection with acquisition of CBoP		100,469.5	Rs.	US\$

See accompanying notes to consolidated financial statements

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****CONSOLIDATED STATEMENTS OF SHAREHOLDERS EQUITY**

	Number of Equity Shares	Equity Share Capital	Additional Paid In Capital	Retained Earnings	Statutory Reserve (In millions, except for equity shares)	Accumulated Other Comprehensive Income (loss)	Total HDFC Bank Limited Shareholders Equity	Noncontrolling interest	Total Shareholders Equity	Comprehensive income
<b>Balance at March 31, 2007</b>	<b>319,389,608</b>	<b>Rs. 3,193.9</b>	<b>Rs. 30,226.6</b>	<b>Rs. 24,503.3</b>	<b>Rs. 11,218.2</b>	<b>Rs. (3,633.9)</b>	<b>Rs. 65,508.1</b>	<b>Rs. 321.6</b>	<b>Rs. 65,829.7</b>	
Shares issued upon exercise of options	1,677,800	16.8	1,275.5				1,292.3		1,292.3	
Shares issued in public offering	19,783,512	197.8	23,740.8				23,938.6		23,938.6	
Shares issued on preferential basis	13,582,000	135.8	13,765.2				13,901.0		13,901.0	
Share based compensation			1,667.4				1,667.4		1,667.4	
Dividends, including dividend tax				(2,616.3)			(2,616.3)		(2,616.3)	
Transfer to statutory reserve				(3,975.5)	3,975.5					
Net income				13,154.2			13,154.2	91.0	13,245.2	Rs. 13,245.2
Unrealized loss reclassified to earnings [net of tax Rs. 117.3]						227.7	227.7		227.7	227.7
Change in the unrealized net loss on available for sale securities, [net of tax Rs. 1,144.6]						2,172.3	2,172.3		2,172.3	2172.3
Acquisition of subsidiary								49.4	49.4	
Comprehensive income										<b>Rs. 15,645.2</b>
Comprehensive income attributable to HDFC Bank Limited										Rs. 15,554.2
Comprehensive income attributable to Noncontrolling interest										91.0
<b>Total Comprehensive income</b>										<b>Rs. 15,645.2</b>
<b>Balance at March 31, 2008</b>	<b>354,432,920</b>	<b>Rs. 3,544.3</b>	<b>Rs. 70,675.5</b>	<b>Rs. 31,065.7</b>	<b>Rs. 15,193.7</b>	<b>Rs. (1,233.9)</b>	<b>Rs. 119,245.3</b>	<b>Rs. 462.0</b>	<b>Rs. 119,707.3</b>	

Edgar Filing: HDFC BANK LTD - Form 20-F

Shares issued upon exercise of options	1,067,233	10.7	783.3		794.0		794.0	
Shares issued in connection with acquisition of CBoP	69,883,956	698.8	101,447.8		102,146.6		102,146.6	
Share based compensation			1,971.9		1,971.9		1,971.9	
Dividends, including dividend tax				(3,530.5)	(3,530.5)		(3,530.5)	
Transfer to statutory reserve				(7,793.6)	7,793.6			
Proceed from issue of warrants			4,009.2		4,009.2		4,009.2	
Net income			15,104.3		15,104.3	93.4	15,197.7	Rs. 15,197.7
Unrealized gain reclassified to earnings [net of tax Rs. (51.8)]				(100.6)	(100.6)		(100.6)	(100.6)
Change in the unrealized net loss on available for sale securities, [net of tax Rs.5,021.8]					9,857.5		9,857.5	9,857.5
Comprehensive income								<b>Rs. 24,954.6</b>
Comprehensive income attributable to HDFC Bank Limited								Rs. 24,861.2
Comprehensive income attributable to Noncontrolling interest								93.4
Total Comprehensive income								<b>Rs. 24,954.6</b>

F-7

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****CONSOLIDATED STATEMENTS OF SHAREHOLDERS EQUITY (Continued)**

	Number of Equity Shares	Equity Share Capital	Additional Paid In Capital	Retained Earnings	Statutory Reserve	Accumulated Other Comprehensive Income (loss)	Total HDFC Bank Limited Shareholders Equity	Noncontrolling interest	Total Shareholders Equity	Comprehensive income
	(In millions, except for equity shares)									
Balance at March 31, 2009	425,384,109	Rs. 4,253.8	Rs. 178,887.7	Rs. 34,845.9	Rs. 22,987.3	Rs. 8,523.0	Rs. 249,497.7	Rs. 555.4	Rs. 250,053.1	
Shares issued upon exercise of warrants	26,200,220	262.0	35,818.5				36,080.5		36,080.5	
Shares issued upon exercise of options based on performance	6,158,943	61.6	5,498.1				5,559.7		5,559.7	
Share-based compensation			3,580.6				3,580.6		3,580.6	
Dividends, including deferred tax				(4,985.8)			(4,985.8)		(4,985.8)	
Transfer to statutory reserve				(7,371.7)	7,371.7					
Comprehensive income				24,570.7			24,570.7	317.1	24,887.8	Rs. 24,887.8
Realized gain classified to other comprehensive income [net of taxes of (1,528.0)]						(3,072.0)	(3,072.0)		(3,072.0)	(3,072.0)
Change in the realized gain available for securities, net of tax (1,955.3)]						(5,634.3)	(5,634.3)		(5,634.3)	(5,634.3)
Foreign currency translation						(15.4)	(15.4)		(15.4)	(15.4)
Comprehensive income										Rs. 16,166.1
Comprehensive income attributable to HDFC Bank Limited										Rs. 15,800.0
Comprehensive income attributable to noncontrolling interest										366.1
Balance at March 31, 2010	457,743,272	Rs. 4,577.4	Rs. 223,784.9	Rs. 47,059.1	Rs. 30,359.0	Rs. (198.7)	Rs. 305,581.7	Rs. 872.5	Rs. 306,454.2	
	457,743,272	US\$ 101.8	US\$ 4,978.5	US\$ 1,046.9	US\$ 675.4	US\$ (4.4)	US\$ 6,798.2	US\$ 19.4	US\$ 6,817.6	US\$ 359.6

See accompanying notes to consolidated financial statements

F-8

---

**Table of Contents**

**HDFC BANK LIMITED AND ITS SUBSIDIARIES**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS**

**1. The Bank**

HDFC Bank Limited (the Bank) was incorporated in August 1994 with its registered office in Mumbai, India. The Bank is a banking company governed by India's Banking Regulations Act, 1949. The Bank's shares are listed on the Bombay Stock Exchange Ltd. and The National Stock Exchange of India Ltd., its ADSs are listed on the New York Stock Exchange and its GDRs are listed on the Luxembourg Stock Exchange.

The Bank's largest shareholder is Housing Development Finance Corporation Limited (HDFC Limited), which, along with its subsidiaries, owns 23.73% of the Bank's equity as of March 31, 2010. The remainder of the Bank's equity is widely held by the public and by foreign and Indian institutional investors.

The Bank had in June 2008 issued 26,200,220 warrants convertible into an equivalent number of equity shares to HDFC Limited on a preferential basis at a rate of Rs. 1,530.13 each on terms and conditions that the warrants be exercised on or before December 2, 2009. HDFC Limited has since exercised its rights. The Bank allotted 26,200,220 equity shares to HDFC Limited on November 30, 2009.

The Bank's principal business activities are retail banking, wholesale banking and treasury operations. The Bank's retail banking division provides a variety of deposit products as well as loans, credit cards, debit cards, third party mutual funds and insurance, investment advisory services, depository services, trade finance, foreign exchange and derivative services and sale of gold bars. Through its wholesale banking operations, the Bank provides loans, deposit products, documentary credits, guarantees, bullion trading, foreign exchange, and derivative products. It also provides cash management services, clearing and settlement services for stock exchanges, tax and other collections for the government, custody services for mutual funds and correspondent banking services. The Bank's treasury group manages its debt securities and money market operations and its foreign exchange and derivative products.

***Summary of significant accounting policies***

***a. Principles of consolidation***

The consolidated financial statements include the accounts of HDFC Bank Limited and its subsidiaries. The Bank consolidates subsidiaries in which, directly or indirectly, it holds more than 50% of the voting rights or has control. Entities where the Bank holds 20% to 50% of the voting rights and/or has the ability to exercise significant influence are accounted for under the equity method. These investments are included in other assets and the Bank's proportionate share of income or loss is included in Non-interest revenue, other. The Bank consolidates Variable Interest Entities (VIEs) where the Bank is determined to be the primary beneficiary under Financial Accounting Standard Board Accounting Standard Codification FASB ASC Topic 810 Consolidation of Variable Interest Entities [Formerly Interpretation No. 46 (Revised)]. All significant inter-company accounts and transactions are eliminated on consolidation.

***b. Basis of presentation***

These financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (US GAAP). US GAAP differs in certain material respects from accounting principles generally accepted in India, the requirements of India's Banking Regulations Act and related regulations issued by the Reserve Bank of India (RBI) (collectively Indian GAAP), which form the basis of the statutory general purpose financial statements of the Bank in India. Principal differences insofar as they relate to the Bank include: determination of the allowance for credit losses, classification and valuation of investments, accounting for deferred income taxes, stock-based compensation, employee benefits, loan origination fees, derivative financial instruments, business combination and the presentation format and disclosures of the financial statements and related notes.

***c. Use of estimates***

The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of these financial statements and the reported amounts of revenues and expenses for the years presented. Actual results could differ from these estimates. Material estimates included in these financial statements that are susceptible to change include the allowance for credit losses, the valuation of unquoted investments, other than temporary impairment and valuation of derivatives.



---

**Table of Contents**

**HDFC BANK LIMITED AND ITS SUBSIDIARIES**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

*d. Cash and cash equivalents*

The Bank considers all highly liquid financial instruments, which are readily convertible into cash and have original maturities of three months or less on the date of purchase, to be cash equivalents.

*e. Customer acquisition costs*

Customer acquisition costs principally consist of commissions paid to third party referral agents who obtain retail loans and such costs are deferred and amortized as a yield adjustment over the life of the loans. Advertising and marketing expenses incurred to solicit new business are expensed as incurred.

*f. Investments in securities*

Investments consist of securities purchased as part of the Bank's treasury operations, such as government securities and other debt and equity securities, and investments purchased as part of the Bank's wholesale banking operations, such as credit substitute securities issued by the Bank's wholesale banking customers.

Credit substitute securities typically consist of commercial paper, short-term debentures and preference shares issued by the same customers with whom the Bank has a lending relationship in its wholesale banking business. Investment decisions for credit substitute securities are subject to the same credit approval processes as for loans, and the Bank bears the same customer credit risk as it does for loans extended to those customers. Additionally, the yield and maturity terms are generally directly negotiated by the Bank with the issuer. As the Bank's exposures to such securities are similar to its exposures on its loan portfolio, additional disclosures have been provided on impairment status in Note 8 and on concentrations of credit risk in Note 12.

All other securities including mortgage and asset-backed securities are actively managed as part of the Bank's treasury operations. The issuers of such securities are either government, public financial institutions or private issuers. These investments are typically purchased from the market, and debt securities are generally publicly rated.

Securities that are held principally for resale in the near term are classified as held for trading ( HFT ) and are carried at fair value, with changes in fair value recorded in earnings.

Debt securities that management has the positive intent and ability to hold to maturity are classified as held to maturity ( HTM ) and are carried at amortized cost.

Equity securities with readily determinable fair values and all debt securities that are not classified as HTM or HFT are classified as available for sale ( AFS ) and are carried at fair value. Unrealized gains and losses on such securities, net of applicable taxes, are reported in accumulated other comprehensive income (loss), a separate component of shareholders' equity.

Fair values are based on market quotations where a market quotation is available or otherwise based on present values at current interest rates for such investments.

Where management determines that an HTM security's credit rating has been irrevocably downgraded, and continued holding to maturity is likely to result in increased losses, it transfers the security to AFS or sells the security at the best available price.

Transfers between categories are recorded at fair value on the date of the transfer.

*g. Impairment of securities*



## Edgar Filing: HDFC BANK LTD - Form 20-F

Declines in the fair values of held to maturity and available for sale securities below their carrying value that are other than temporary are reflected in earnings as realized losses, based on management's best estimate of the fair value of the investment. The Bank identifies other than temporary declines based on an evaluation of all significant factors, including the length of time and extent to which fair value is less than carrying value and the financial condition and economic prospects of the issuer. Estimates of any declines in the fair values of credit substitute securities that are other than temporary are measured on a case-by-case basis together with loans to those customers. The Bank does not recognize an impairment for debt securities if the cause of the decline is related solely to interest rate increases and where the Bank has the ability and intent to hold the security until the forecasted recovery.

F-10

---

**Table of Contents**

**HDFC BANK LIMITED AND ITS SUBSIDIARIES**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

*h. Loans*

The Bank grants retail and wholesale loans to customers.

Loans that management has the intent and ability to hold for the foreseeable future or until maturity or payoff are reported at their outstanding unpaid principal balances adjusted for an allowance for credit losses.

Interest is accrued on the unpaid principal balance and is included in interest income. Loans are placed on non-accrual status when interest or principal payments are past due for a specified period, at which time no further interest is accrued and overdue interest is written off against interest income. Loans are returned to accrual status when all principal and interest amounts contractually due are brought current and future payments are reasonably assured. Loans are placed on non-accrual status when interest or principal payments are one quarter past due.

*i. Allowance for credit losses*

The Bank provides an allowance for credit losses based on management's best estimate of losses inherent in the loan portfolio. The allowance for credit losses consists of allowances for retail loans and wholesale loans.

*Retail*

The Bank's retail loan loss allowance consists of specific and unallocated allowances.

The Bank establishes a specific allowance on the retail loan portfolio based on factors such as the nature of the product, delinquency levels or the number of days the loan is past due, the nature of the security available and loan to value ratios. The loans are charged off against allowances at defined delinquency levels.

The Bank also records unallocated allowances for its retail loans by product type. The Bank's retail loan portfolio is comprised of groups of large numbers of small value homogeneous loans. The Bank establishes an unallocated allowance for loans in each product group based on its estimate of the expected amount of losses inherent in such product. In making such estimates, among other factors considered, the Bank stratifies such loans based on the number of days past due and takes into account historical losses for such product, the nature of security available and loan to value ratios.

*Wholesale*

The allowance for wholesale loans consists of specific and unallocated components. The allowance for such credit losses is evaluated on a regular basis by management and is based upon management's view of the probability of recovery of loans in light of historical experience, the nature and volume of the loan portfolio, adverse situations that may affect the borrower's ability to repay, the estimated value of any underlying collateral, factors affecting the industry which the loan exposure relates to and prevailing economic conditions. This evaluation is inherently subjective as it requires estimates that are susceptible to significant revision as more information becomes available. Loans are charged off against the allowance when management believes that the loan balance cannot be recovered. Subsequent recoveries, if any, are adjusted to income.

The Bank grades its wholesale loan accounts considering both qualitative and quantitative criteria. Wholesale loans are considered impaired when, based on current information and events, it is probable that the Bank will be unable to collect scheduled payments of principal or interest when due according to the contractual terms of the loan agreement. Factors considered by management in determining impairment include payment status, the financial condition of the borrower, the value of collateral held, and the probability of collecting scheduled principal and interest payments when due.

The Bank establishes specific allowances for each impaired wholesale loan customer in the aggregate for all facilities, including term loans, cash credits, bills discounted and lease finance, based on either the present value of expected future cash flows discounted at the loan's effective

interest rate or the net realizable value of the collateral if the loan is collateral dependent.

F-11

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

Wholesale loans that experience insignificant payment delays and payment shortfalls are generally not classified as impaired but are placed on a surveillance watch list and closely monitored for deterioration. Management determines the significance of payment delays and payment shortfalls on a case-by-case basis, taking into consideration all of the circumstances surrounding the loan and the borrower, including the length of the delay, the reasons for the delay, the borrower's prior payment record, market information, and the amount of the shortfall in relation to the principal and interest owed.

In light of the significant growth in the size and diversity of its wholesale loan portfolio, the Bank has also established an unallocated allowance for wholesale standard loans based on the overall portfolio quality, asset growth, economic conditions and other risk factors. The Bank estimates its wholesale unallocated allowance based on an internal credit slippage matrix, which measures the Bank's historic losses for its standard loan portfolio.

*j. Sales/transfer of receivables*

The Bank sells finance receivables to qualifying special purpose entities ( QSPEs ) in securitization transactions. Recourse is in the form of the Bank's investment in subordinated securities issued by these QSPEs, cash collateral and other credit and liquidity enhancements. Securitized receivables are derecognized in the balance sheet when they are sold and consideration has been received by the Bank. Sales and transfers that do not meet the criteria for surrender of control are accounted for as secured borrowings. The Bank also enters into securitisation transactions, which are similar to asset-backed securitization transactions through the QSPE route, except that such portfolios of receivables are assigned directly to the purchaser and are not represented by pass-through certificates.

Gains or losses from the sale of receivables are recognized in the income statement in the period the sale occurs based on the relative fair value of the portion sold and the portion allocated to retained interests, and are reported net of the estimated cost of servicing by the Bank.

Fair values are determined based on the present value of expected future cash flows, using best estimates for key assumptions, such as prepayment and discount rates, commensurate with the risk involved.

For further information, see note 11.

*k. Property and equipment*

Property and equipment are stated at cost, less accumulated depreciation. Depreciation is provided over the estimated useful lives of fixed assets on a straight-line basis at the following rates:

Type of Asset	Rate of depreciation
Premises	1.63%
Software and systems	20.00%
Equipment and furniture	10.00%-33.33%

For assets purchased and sold during the year, depreciation is provided on a pro rata basis by the Bank.

*l. Impairment or disposal of tangible long lived assets*

Whenever events or circumstances indicate that the carrying amount of tangible long lived assets may not be recoverable, the Bank subjects such long lived assets to a test of recoverability based on the undiscounted cash flows from use or disposition of the asset. Such events or circumstances would include changes in the market, technology obsolescence, adverse changes in profitability or regulation. If the asset is impaired, the Bank recognizes an impairment loss estimated as the difference between the carrying value and the net realizable value.



---

**Table of Contents**

**HDFC BANK LIMITED AND ITS SUBSIDIARIES**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

*m. Income tax*

Income tax expense/benefit consists of the current tax provision and the net change in the deferred tax asset or liability in the year.

Deferred tax assets and liabilities are recognized for the future tax consequences of temporary differences between the carrying values of assets and liabilities and their respective tax bases, and operating loss carry forwards. Deferred tax assets are recognized subject to management's judgment that realization is more likely than not. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which the temporary differences are expected to be received or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in the income statement in the period of enactment of the change.

Effective April 1, 2007, the Bank adopted the provisions of FASB ASC 740 (Formerly FASB Interpretation No. 48, Accounting for Uncertainty in Income Taxes – an interpretation of FASB Statement No. 109). FASB ASC 740 clarifies the accounting for uncertainty in income taxes recognized in an entity's financial statements and prescribes a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. It prescribes a comprehensive model for the financial statement recognition, measurement, presentation and disclosure of income tax uncertainties with respect to positions taken or expected to be taken in income tax.

*n. Revenue recognition*

Interest income from loans and from investments is recognized on an accrual basis when earned except in respect of loans or investments placed on non-accrual status, where it is recognized when received. The Bank generally does not charge upfront loan origination fees. Nominal application fees are charged which offset the related costs incurred.

Fees and commissions from guarantees issued are amortized over the contractual period of the commitment, provided the amounts are collectible.

Dividends are recognized when declared.

Realized gains and losses on sale of securities are recorded on the trade date and are determined using the weighted average cost method.

Other fees and income are recognized when earned, which is when the service that results in the income has been provided. The Bank amortizes annual fees on credit cards over the contractual period of the fees.

*o. Foreign currency transactions*

The Bank's functional currency is the Indian rupee, except for a foreign branch for which the functional currency is U.S. Dollars. Foreign currency transactions are recorded at the exchange rate prevailing on the date of the transaction. Foreign currency denominated monetary assets and liabilities are converted into respective functional currency using exchange rates prevailing on the balance sheet dates. Gains and losses arising on conversion of foreign currency denominated monetary assets and liabilities and on foreign currency transactions are included in the determination of net income.

For the foreign branch, which has the functional currency as U.S.Dollars, the assets, liabilities and operations are translated, for consolidation purposes, from U.S.Dollars to the Indian Rupee reporting currency at period-end rates for assets and liabilities and at average rates for operations. The resulting unrealized gains or losses are reported as a component of accumulated OCI.

---

**Table of Contents**

**HDFC BANK LIMITED AND ITS SUBSIDIARIES**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

*p. Stock-based compensation*

The fair value of stock based compensation is estimated on the date of each grant based on a pricing model. For further information, see note 20.

*q. Debt issuance costs*

Issuance costs of long-term debt are amortized over the tenure of the debt.

*r. Earnings per share*

Basic earnings per equity share have been computed by dividing net income by the weighted average number of equity shares outstanding for the period. For the purpose of determining the weighted average number of equity shares outstanding, the Bank treats advances received from optionees who exercise their options as issued shares even if the administrative formalities of allocating equity shares have not been completed. Diluted earnings per equity share has been computed using the weighted average number of equity shares and dilutive potential equity shares outstanding during the period, using the treasury stock method, except where the result would be anti-dilutive. The Bank also reports basic and diluted earnings per ADS, where each ADS represents three equity shares. Earnings per ADS have been computed as earnings per equity share multiplied by the number of equity shares per ADS. A reconciliation of the number of shares used in computing earnings per share has been provided in Note 28.

*s. Segment information*

The Bank operates in three reportable segments, namely retail banking, wholesale banking and treasury services. Segment-wise information has been provided in Note 24.

*t. Derivative financial instruments*

The Bank recognizes all derivative instruments, including certain derivative instruments embedded in other contracts, as assets or liabilities in the balance sheet and measures them at fair value. The Bank has not designated any derivatives as hedges. As such, all changes in fair value of derivative instruments are recognized in net income in the period of change.

The Bank enters into forward exchange contracts, currency swaps and currency options with its customers and typically transfers such customer exposures in the inter-bank foreign exchange markets. The Bank also enters into such instruments to cover its own foreign exchange exposures. All such instruments are carried at fair value, determined based on market quotations or market based inputs.

The Bank enters into rupee interest rate swaps for its own account. The Bank also enters into interest rate currency swaps and cross currency interest rate swaps with its customers and typically lays these off in the inter-bank market. Such contracts are carried on the balance sheet at fair value, or priced using market determined yield curves.

*u. Business combination*

We account for acquired businesses using the purchase method of accounting which requires that the assets acquired and liabilities assumed be recorded at the date of acquisition at their respective fair values. The application of the purchase method requires certain estimates and assumptions especially concerning the determination of the fair values of the acquired intangible assets and property, plant and equipment as well as the liabilities assumed at the date of the acquisition. Moreover the useful lives of the acquired intangible assets, property, plant and equipment have to be determined. The judgments made in the context of the purchase price allocation can materially impact our future results of operations. Accordingly, for significant acquisitions, we obtain assistance from third party valuation specialists. The valuations are based on information available at the acquisition date. As such, the historical cost basis of individual assets and liabilities are adjusted to reflect their fair value in accordance with FASB ASC 805 Business combinations .





**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)***v. Goodwill and other intangibles*

Goodwill arising from a business combination is not amortized but is tested for impairment in accordance with FASB ASC 350-20 Goodwill. Under applicable accounting guidance, goodwill is reviewed at the reporting unit level for potential impairment at least on an annual basis at the end of the reporting period, or more frequently if events or circumstances indicate a potential impairment. This analysis is a two-step process. The first step of the goodwill impairment test compares the fair value of the reporting unit with its carrying amount, including goodwill. If the fair value of the reporting unit exceeds its carrying amount, then the goodwill of the reporting unit is considered not impaired; however, if the carrying amount of the reporting unit exceeds its fair value, the second step must be performed. The second step involves calculating an implied fair value of goodwill for each reporting unit for which the first step indicated possible impairment. The implied fair value of goodwill is determined in the same manner as the amount of goodwill recognized in a business combination, which is the excess of the fair value of the reporting unit, as determined in the first step, over the aggregate fair values of the individual assets, liabilities and identifiable intangibles as if the reporting unit was being acquired in a business combination. The adjustments to measure the assets, liabilities and intangibles at fair value are for the purpose of measuring the implied fair value of goodwill and such adjustments are not reflected in the consolidated balance sheet. If the implied fair value of goodwill exceeds the goodwill assigned to the reporting unit, there is no impairment. If the goodwill assigned to a reporting unit exceeds the implied fair value of the goodwill, an impairment charge is recorded for the excess. An impairment loss recognized cannot exceed the amount of goodwill assigned to a reporting unit, and the loss establishes a new basis in the goodwill. Subsequent reversal of goodwill impairment losses is not permitted.

Intangible assets consist of branch network, customer list, core deposit intangible and favorable leases. These are amortized over their estimated useful lives. Amortization of intangible assets is computed in a manner that best reflects the economic benefits of the intangible assets as follows:

	Useful lives (years)	Amortization method
Branch network	6	Straight-line
Customer relationship	2	Straight-line
Core deposit	5	Straight-line
Favorable leases	15	Straight-line

*w. Recently adopted accounting standards*

In December 2007, FASB issued SFAS No. 141 (revised 2007), Business combinations (now incorporated in ASC 805 Business Combinations). This codification modifies the accounting for business combinations and requires the acquirer in a business combination to recognize 100 percent of the assets acquired, liabilities assumed, and any noncontrolling interest in the acquiree at the acquisition-date fair value. In addition, this codification requires: 1. Stock consideration to be measured based on the quoted market price as of the acquisition date; 2. the expensing of acquisition-related transaction and restructuring costs; 3. certain contingent assets and liabilities acquired, as well as contingent consideration, to be recognized at fair value at the acquisition date with subsequent changes in fair value. This codification also modifies the accounting for certain acquired income tax assets and liabilities. This codification applies to business combinations for which the acquisition date is on or after the beginning of annual reporting periods beginning on or after December 15, 2008. The Bank adopted the provisions of this codification effective April 1, 2009 and is applicable to business combinations completed on or after April 1, 2009, as required.

In December 2007, FASB issued SFAS No. 160, Noncontrolling Interests in Consolidated Financial Statements (now incorporated in ASC 810 Consolidation). This codification requires that the equity interest of noncontrolling interests in subsidiaries be presented as a separate item in the stockholders' equity rather than as a liability in the Consolidated Financial Statements and to account for transactions between an entity and noncontrolling owners as equity transactions if the parent retains its controlling financial interest in the subsidiary. This codification also establishes accounting and reporting standards for changes in a parent's ownership interest and the valuation of retained noncontrolling equity investments when a subsidiary is deconsolidated. The gain or loss on the deconsolidation of the subsidiary is measured using the fair value of the

## Edgar Filing: HDFC BANK LTD - Form 20-F

remaining investment, rather than the previous carrying amount of that retained investment. The Bank adopted the provisions of the codification effective April 1, 2009. The adoption modified the presentation of *Minority interests*, which is renamed to *Non-controlling interests* and is presented within equity. The adoption did not have material effect on the Bank's consolidated financial position or results of operation.

F-15

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

In March 2008, the FASB issued SFAS No. 161, Disclosures about Derivative Instruments and Hedging Activities, an Amendment to SFAS 133 (now incorporated into ASC 815-10-50, Derivatives and Hedging Disclosure). The codification requires enhanced disclosures about derivative instruments and hedged items that are accounted for under ASC 815 related interpretations. This codification improves transparency about the location and amounts of derivative instruments in an entity's financial statements; how derivative instruments and related hedged items are accounted for and how derivative instruments and related hedged items affect its financial position, financial performance, and cash flows. The Bank adopted the provisions of this codification effective April 1, 2009. The adoption required only additional disclosures and did not have material effect on the Bank's consolidated financial position or results of operation.

In December 2008, the FASB issued FSP FAS 132(R)-1, Employers' Disclosures about Pensions and Other Postretirement Benefit Plan Assets (now incorporated into ASC 715-20-50, Compensation and Benefits Disclosure). It provides guidance related to an employer's disclosures about plan assets of defined benefit pension or other post-retirement benefit plans. This codification requires that disclosures should provide users of financial statements with an understanding of how investment allocation decisions are made, the factors that are pertinent to an understanding of investment policies and strategies, the major categories of plan assets, the inputs and valuation techniques used to measure the fair value of plan assets, the effect of fair value measurements using significant unobservable inputs on changes in plan assets for the period and significant concentrations of risk within plan assets. The Bank adopted the provisions of this codification effective April 1, 2009. The adoption required only additional disclosures, and did not have material effect on the Bank's consolidated financial position or results of operations.

In April 2009, the FASB issued FSP FAS 115-2 and FAS 124-2, Recognition and Presentation of Other-Than-Temporary Impairments (FSP FAS 115-2) (now ASC 320-10-35-34, Investments Debt and Equity Securities: Recognition of an Other-Than-Temporary Impairment). This codification amends the recognition guidance for other-than-temporary impairments (OTTI) of debt securities and expands the financial statement disclosures for OTTI on debt and equity securities. The Bank has adopted the provisions of this codification effective April 1, 2009. The adoption did not have material effect on the Bank's consolidated financial position or results of operation.

In May 2009 the FASB issued SFAS No. 165, Subsequent Events (now FASB ASC 855-10, Subsequent Events). This codification sets forth the period after the balance sheet date during which management of a reporting entity shall evaluate events or transactions that may occur for potential recognition or disclosure in the financial statements, the circumstances under which an entity shall recognize events or transactions occurring after the balance sheet date in its financial statements and the disclosures that an entity shall make about events or transactions that occurred after the balance sheet date. The Bank has adopted the provisions of this codification effective April 1, 2009 and the adoption did not have an impact on the Bank's financial position or results of operation. In February 2010, the FASB issued ASU No. 2010-09, Subsequent Events (Topic 855): Amendments to Certain Recognition and Disclosure Requirements. The amendments in the ASU remove the requirement for a Securities and Exchange Commission (SEC) filer to disclose a date through which subsequent events have been evaluated in both issued and revised financial statements. The amendments in the ASU were effective upon issuance. The adoption of this ASU did not have a material impact on the Bank's consolidated financial position or results of operation.

In June 2009, the FASB issued SFAS No. 168, The FASB accounting standards codification and the hierarchy of Generally Accepted Accounting Principles (now codified in FASB ASC Topic 105 Generally Accepted Accounting Principles). The guidance contained in the codification supersedes all non-SEC guidance. The codification does not change the GAAP, but is intended to simplify user access to all authoritative GAAP by providing all the authoritative literature related to a particular topic in one place. As a result, references to accounting literature contained in the Bank's financial statements have been updated to reflect the new codification references. This codification defines the new hierarchy for U.S. generally accepted accounting principles (GAAP) and explains how the FASB will use its Accounting Standards Codification (ASC) as the sole source for all authoritative guidance. The Bank has adopted the Codification effective April 1, 2009 and the adoption did not have an impact on the Bank's consolidated financial position or results of operation.

In September 2009, the FASB issued ASU No. 2009-12, Investments in Certain Entities that Calculate Net Asset Value per Share (or its Equivalent). This ASU provides guidance on measuring the fair value of certain alternative investments. The ASU permits entities to use net asset value as a practical expedient to measure the fair value of their investments in certain investment funds. The ASU also requires additional disclosures regarding the nature and risks of such investments and provides guidance on the classification of such investments as Level 2 or Level 3 of the fair value hierarchy. The codification is effective for all reporting periods that end after December 15, 2009. The Bank has since adopted the Codification effective April 1, 2009 and the adoption did not have an impact on the Bank's consolidated financial position or results of operation.



**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)***x. Recently issued accounting pronouncements not yet effective*

In June 2009, the FASB issued SFAS 166, Accounting for Transfers of Financial Assets, an amendment of FASB Statement No. 140 (now incorporated into ASC 860, Transfers and Servicing). It eliminates the concept of a qualifying special-purpose entity (QSPEs), changes the requirements for derecognizing financial assets, and requires additional disclosures. This codification is effective for fiscal years that begin after November 15, 2009. The impact on the Bank's consolidated financial statement, if any, on application of this codification with effect from April 1, 2010 is currently being evaluated.

In June 2009, the FASB issued SFAS 167, Amendments to FASB Interpretation No. 46(R) (now incorporated into ASC 810, Consolidation). This codification details three key changes to the consolidation model. First, former QSPEs will now be included in the scope of SFAS 167. In addition, the FASB has changed the method of analyzing which party to a variable interest entity (VIE) should consolidate the VIE (known as the primary beneficiary) to a qualitative determination of which party to the VIE has power combined with potentially significant benefits or losses, instead of the current quantitative risks and rewards model. The entity that has power has the ability to direct the activities of the VIE that most significantly impact the VIE's economic performance. Finally, the new standard requires that the primary beneficiary analysis be re-evaluated whenever circumstances change. The current guidance requires reconsideration of the primary beneficiary only when specified reconsideration events occur. The impact on the Bank's consolidated financial statement, if any, on application of this codification with effect from April 1, 2010 is currently being evaluated.

In August 2009, the FASB issued ASU 2009-05 to provide guidance on measuring the fair value of liabilities under ASC 820. This ASU provides clarification that in circumstances in which a quoted price in an active market for the identical liability is not available, a reporting entity is required to measure fair value using one or more of the following techniques: 1. A valuation technique that uses quoted prices for similar liabilities (or an identical liability) when traded as assets. 2. Another valuation technique that is consistent with the principles of ASC 820. This ASU also clarifies that both a quoted price in an active market for the identical liability at the measurement date and the quoted price for the identical liability when traded as an asset in an active market when no adjustments to the quoted price of the asset are required, are Level 1 fair value measurements. The guidance provided in ASU 2009-05 is effective for first reporting period (including interim periods) beginning after August 2009. The adoption of this ASU is not expected to have a material impact on the Bank's consolidated financial position or results of operations.

In January 2010, the FASB issued ASU 2010-06 Improving Disclosures about Fair Value Measurements and Disclosures. This ASU requires disclosing the amounts of significant transfers in and out of Level 1 and Level 2 fair value measurements and to describe the reasons for the transfers. The disclosures are effective for reporting periods beginning after December 15, 2009. Additionally, disclosures of the gross purchases, sales, issuances and settlements activity in Level 3 fair value measurements will be required for fiscal years beginning after December 15, 2010. This ASU requires only additional disclosures and hence adoption of this ASU is not expected to have a material impact on the Bank's consolidated financial position or results of operations.

In April 2010, FASB issued ASU 2010-18, Effect of a Loan Modification When the Loan is Part of a Pool That is Accounted for as a Single Asset. This ASU provides that modifications of loans that are accounted for within a pool under ASC 310-30 do not result in the removal of those loans from the pool even if the modification of those loans would otherwise be considered a troubled debt restructuring. An entity will continue to be required to consider whether the pool of assets in which the loan is included is impaired if expected cash flows for the pool change. This update does not affect the accounting for loans that are not accounted for within pools. The guidance contained in this update is effective for interim and annual reporting periods ending on or after July 15, 2010. The impact on the Bank's consolidated financial statement, if any, on application of this codification with effect from April 1, 2010 is currently being evaluated.

In July 2010, FASB issued ASU 2010-20, Disclosures about the Credit Quality of Financing Receivables and the Allowance for Credit Losses. This ASU requires additional disclosures about a company's allowance for credit losses and the credit quality of the loan portfolio. The additional disclosures include a rollforward of the allowance for credit loss on a disaggregated basis and more information, by type of receivable, on credit quality indicators including aging and troubled debt restructurings as well as significant purchases and sales. The guidance contained in this update is effective for interim and annual reporting periods ending on or after December 15, 2010. This new accounting guidance does not change the accounting model, and accordingly, will have no impact on the Bank's consolidated financial position or results of operations.



**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)***y. Convenience translation*

The accompanying financial statements have been expressed in Indian rupees ( Rs. ), the Bank's functional currency. For the convenience of the reader, the financial statements as of and for the year ended March 31, 2010 have been translated into U.S. dollars at U.S.\$1.00 = Rs. 44.95 based on the noon buying rate for cable transfers on March 31, 2010 as certified for customs purposes by the Federal Reserve Bank of New York. Such translation should not be construed as a representation that the rupee amounts have been or could be converted into United States dollars at that or any other rate, or at all.

**2. Business combination**

Effective May 23, 2008, the Bank acquired Centurion Bank of Punjab Limited ( CBoP ). Both the entities were banking companies incorporated under the Companies Act, 1956 and licensed by the Reserve Bank of India under the Banking Regulation Act, 1949.

The transaction was completed during the fiscal year year ended March 31, 2009 and accounted for as business combination, which resulted in goodwill of Rs. 74,937.9 million and intangible assets of Rs. 16,002.0 million. CBoP, a private sector Bank, offered a wide spectrum of retail, small and medium enterprise and corporate banking products and services. The primary purpose for the acquisition was to realize potential synergies and growth opportunities from combining the businesses of CBoP. These anticipated synergies contributed to a purchase price that resulted in the recognition of goodwill.

The purchase consideration amounted to Rs. 102,769.4 million, of which Rs. 100,469.5 million was paid by way of the issuance of one equity share of HDFC Bank Limited (face value Rs.10.0) in exchange for every 29 equity shares of CBoP (face value Re. 1.0).

***Purchase price allocation***

The acquisition is accounted for under the purchase method of accounting in accordance with former SFAS No. 141, Business Combinations . The purchase price of CBoP amounted to Rs. 102,769.4 million, of which Rs. 100,469.5 million is by way of issue of equity shares, Rs. 622.8 million by way of direct acquisition costs and cost of Rs. 1,677.1 million arising from issue of the Bank's stock options issued in exchange for the outstanding CBoP's stock options held by its employees as of the acquisition date.

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The purchase price is allocated to the assets acquired and liabilities assumed based on their estimated fair values as of May 23, 2008 as summarized below:

	(in millions)	(in millions)
<b>Purchase Price</b>		
Issue of 69,883,956 equity shares	Rs. 100,469.5	US\$ 1,975.0
Direct acquisition costs	622.8	12.2
Issue of stock options to employees	1,677.1	33.0
<b>Total purchase price</b>	<b>102,769.4</b>	<b>2,020.2</b>
<b>Assets acquired:</b>		
Cash and cash equivalents	20,567.5	404.3
Term placements	9,318.7	183.2
Investments, available for sale	57,236.7	1,125.2
Loans	152,030.3	2,988.4
Accrued interest receivable	2,296.9	45.2
Property and equipment, net	3,288.9	64.7
Intangible assets	16,002.0	314.6
Other assets	6,093.6	119.8
<b>Total assets acquired</b>	<b>266,834.6</b>	<b>5,245.4</b>
<b>Liabilities assumed:</b>		
Deposits	208,155.7	4,092.0
Short-term borrowings	591.9	11.6
Accrued interest payable	2,349.0	46.2
Long-term debt	14,687.8	288.7
Accrued expenses and other liabilities	13,218.7	259.8
<b>Total estimated liabilities acquired</b>	<b>239,003.1</b>	<b>4,698.3</b>
<b>Total fair value of net assets acquired</b>	<b>27,831.5</b>	<b>547.1</b>
<b>Goodwill</b>	<b>Rs. 74,937.9</b>	<b>US\$ 1,473.1</b>

The total amount of goodwill is Rs. 74,937.9 million and no tax deduction is available on the said amount. The entire amount of goodwill is allocated to the retail segment.

**Intangible assets acquired**

The estimated useful lives of the intangible assets at May 23, 2008 were as follows:



	Fair value (in millions)		Weighted average life (in years)
<b>Intangible assets subject to amortization:</b>			
Branch network	Rs. 8,335.0	US\$ 163.8	6
Customer relationship	2,710.0	53.3	2
Core deposit	4,414.0	86.8	5
Favorable leases	543.0	10.7	15
Total	Rs. 16,002.0	US\$ 314.6	5.35

### 3. Cash and cash equivalents

Cash and cash equivalents as of March 31, 2009 and 2010 include balances of Rs. 119,410.2 million and Rs. 130,480.2 million respectively, maintained with the RBI to meet the Bank's cash reserve ratio requirement. The Bank is required to maintain a specific percentage of its demand and time liabilities by way of a balance in a current account with the RBI. This is to maintain the solvency of the banking system. The cash reserve ratio has to be maintained on an average basis for a two-week period and should not fall below 70% of the required cash reserve ratio on any particular day.

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)****4. Term placements**

Term placements consist of placements with banks and financial institutions in the ordinary course of business. These placements have original maturities for periods between 3 months and 15 years. This includes restricted term placements of Rs. 95.6 million (USD 2.1 million).

**5. Investments, held for trading**

The portfolio of trading securities at March 31, 2009 and 2010 was as follows:

	Amortized Cost	As of March 31, 2009		Fair Value
		Gross Unrealized Gains	Gross Unrealized losses	
(In millions)				
Government of India securities	Rs. 34,833.3	Rs. 3.3	Rs. 108.8	Rs. 34,727.8
Securities issued by Government of India sponsored institutions	606.3	4.6		610.9
<b>Total Debt Securities</b>	<b>35,439.6</b>	<b>7.9</b>	<b>108.8</b>	<b>35,338.7</b>
Equity securities	44.8	2.8	0.1	47.5
<b>Total</b>	<b>Rs. 35,484.4</b>	<b>Rs. 10.7</b>	<b>Rs. 108.9</b>	<b>Rs. 35,386.2</b>

	Amortized Cost	As of March 31, 2010		Fair Value
		Gross Unrealized Gains	Gross Unrealized Losses	
(In millions)				
Government of India securities	Rs. 20,867.9	Rs. 1.0	Rs. 8.0	Rs. 20,860.9
Securities issued by Government of India sponsored institutions	442.4	3.6	0.3	445.7
Securities issued by state government sponsored institutions	354.3	15.0	0.3	369.0
Other corporate/financial institution bonds	500.0	22.1		522.1
Deposit Certificates issued by banks	5,892.5			5,892.5
<b>Total Debt Securities</b>	<b>28,057.1</b>	<b>41.7</b>	<b>8.6</b>	<b>28,090.2</b>
Equity securities	69.7	0.4	1.5	68.6
<b>Total</b>	<b>Rs. 28,126.8</b>	<b>Rs. 42.1</b>	<b>Rs. 10.1</b>	<b>Rs. 28,158.8</b>
<b>Total</b>	<b>US\$ 625.7</b>	<b>US\$ 0.9</b>	<b>US\$ 0.2</b>	<b>US\$ 626.4</b>

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)****6. Investments, available for sale**

The portfolio of available for sale securities at March 31, 2009 and 2010 was as follows:

	Amortized Cost	As of March 31, 2009		Fair Value
		Gross Unrealized Gains	Gross Unrealized Losses	
	(In millions)			
Government of India securities	Rs. 459,973.3	Rs. 13,389.4	Rs. 676.9	Rs. 472,685.8
Securities issued by Government of India sponsored institutions	2,640.4	75.5	0.3	2,715.6
State government securities	1,585.4	78.4		1,663.8
Securities issued by state government sponsored institutions	19.3	0.5		19.8
Credit substitutes (See Note 8)	4,229.4	26.2	3.3	4,252.3
Other corporate/financial institution bonds	164.0	2.5		166.5
Deposit Certificates issued by banks	13,936.4			13,936.4
Debt securities, other than asset and mortgage-backed securities	482,548.2	13,572.5	680.5	495,440.2
Mortgage-backed securities	8,738.7	159.4	216.8	8,681.3
Asset-backed securities	3,642.8	62.0	14.7	3,690.1
Other securities	287.9			287.9
Mutual fund units	10.0		3.2	6.8
<b>Total</b>	<b>Rs. 495,227.6</b>	<b>Rs. 13,793.9</b>	<b>Rs. 915.2</b>	<b>Rs. 508,106.3</b>
Securities with gross unrealized losses				Rs. 46,448.5
Securities with gross unrealized gains				461,657.8
				Rs. 508,106.3

	Amortized Cost	As of March 31, 2010		Fair Value
		Gross Unrealized Gains	Gross Unrealized Losses	
	(In millions)			
Government of India securities	Rs. 469,589.1	Rs. 2,744.2	Rs. 3,079.7	Rs. 469,253.6
Securities issued by Government of India sponsored institutions	928.2	59.7		987.9
State government securities	494.6	8.1		502.7
Securities issued by state government sponsored institutions	19.7	0.2		19.9
Credit substitutes (See Note 8)	2,429.2	47.1		2,476.3
Other corporate/financial institution bonds	603.6	3.4		607.0
Debt securities, other than asset and mortgage-backed securities	474,064.4	2,862.7	3,079.7	473,847.4

Edgar Filing: HDFC BANK LTD - Form 20-F

Mortgage-backed securities	6,171.9	90.6	36.2	6,226.3
Asset-backed securities	662.8	19.4		682.2
Other securities	639.7	3.2		642.9
<b>Total</b>	<b>Rs. 481,538.8</b>	<b>Rs. 2,975.9</b>	<b>Rs. 3,115.9</b>	<b>Rs. 481,398.8</b>
<b>Total</b>	<b>US\$ 10,712.8</b>	<b>US\$ 66.2</b>	<b>US\$ 69.3</b>	<b>US\$ 10,709.7</b>
Securities with gross unrealized losses				Rs. 241,461.1
Securities with gross unrealized gains				239,937.7
				Rs. 481,398.8
				US\$ 10,709.7

F-21

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

AFS investments of Rs. 474,349.6 million and Rs. 469,761.3 million as of March 31, 2009 and March 31, 2010, respectively, are eligible for placement towards the Bank's statutory liquidity ratio requirements. These balances are subject to withdrawal and usage restrictions, but may be freely traded by the Bank within those restrictions. Of these investments Rs. 234,287.4 million as of March 31, 2009 and Rs.384,318.2 million (US\$ 8,549.9 million) as of March 31, 2010 respectively, were kept as margins for clearing, collateral borrowing and lending obligation (CBLO) and real time gross settlement (RTGS). These have been kept with the Clearing Corporation of India Limited and RBI.

In April 2009, the Bank adopted the new accounting guidance for OTTI stated in FASB ASC 320-10. This pertains to recognition and presentation of other-than-temporary impairments which was issued on April 9, 2009 (formerly issued as FSP No. FAS 115-2 and FAS 124-2

Recognition and Presentation of Other-Than-Temporary Impairments). The Bank did not record a transition adjustment for securities held at March 31, 2009 that were previously considered other-than-temporarily impaired. The Bank conducts a review each year to identify and evaluate investments that have indications of possible impairment. An investment in an equity or debt security is impaired if its fair value falls below its cost and the decline is considered other than temporary. Factors considered in determining whether a loss is temporary include length of time and extent to which fair value has been below cost, the financial condition and near term prospects of the issuer, and the Bank's ability and intent to hold the investment for a period sufficient to allow for any anticipated recovery. The Bank evaluated the impaired investments and has fully recognized an expense of Rs. 211.3 million, Rs. 112.4 million and Rs. 445.5 million (US\$ 9.9 million) as other than temporary impairment in fiscal year 2008, 2009 and 2010 respectively. The Bank believes that the other unrealized losses on its investments in equity and debt securities as of March 31, 2010 are temporary in nature. The Bank's review of impairment generally entails:

identification and evaluation of investments that have indications of possible impairment;

analysis of individual investments that have fair values of less than 95% of amortized cost, including consideration of the length of time the investment has been in an unrealized loss position;

analysis of evidential matter, including an evaluation of factors or triggers that would or could cause individual investments to have other than temporary impairment; and

documentation of the results of these analyses, as required under business policies.

During the year ended March 31, 2010 the Bank did not hold any debt securities with credit losses for which a portion of other-than-temporary impairment was recognized in other comprehensive income.

The gross unrealized losses and fair value of available for sale securities at March 31, 2009 is as follows:

	Less Than 12 Months		As of March 31, 2009 12 Months or Greater		Total	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
	(In millions)					
Government of India securities	Rs. 24,403.2	Rs.467.3	Rs.13,177.7	Rs.209.6	Rs.37,580.9	Rs.676.9
Securities issued by Government of India sponsored institutions	339.7	0.3	454.0		793.7	0.3
Credit substitutes			525.6	3.3	525.6	3.3
Debt securities	24,742.9	467.6	14,157.3	212.9	38,900.2	680.5

Edgar Filing: HDFC BANK LTD - Form 20-F

Mortgage-backed securities	3,510.3	88.3	3,984.7	128.5	7,495.0	216.8
Asset-backed securities	46.5	14.7			46.5	14.7
Mutual fund units	6.8	3.2			6.8	3.2
Total	Rs. 28,306.5	Rs.573.8	Rs. 18,142.0	Rs.341.4	Rs.46,448.5	Rs.915.2

F-22

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The gross unrealized losses and fair value of available for sale securities at March 31, 2010 was as follows:

	As of March 31, 2010					
	Less Than 12 Months		12 Months or Greater		Total	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
	(In millions)					
Government of India securities	Rs. 221,038.8	Rs. 2,605.4	Rs. 17,480.2	Rs. 474.3	Rs. 238,519.0	Rs. 3,079.7
State government securities	11.6				11.6	
Securities issued by state government sponsored institutions	4.9				4.9	
Debt securities	221,055.3	2,605.4	17,480.2	474.3	238,535.5	3,079.7
Mortgage-backed securities	2,925.6	36.2			2,925.6	36.2
Total	Rs. 223,980.9	Rs. 2,641.6	Rs. 17,480.2	Rs. 474.3	Rs. 241,461.1	Rs. 3,115.9
Total	US\$ 4,982.9	US\$ 58.7	US\$ 388.9	US\$ 10.6	US\$ 5,371.8	US\$ 69.3

The contractual residual maturity of available for sale debt securities other than asset and mortgage-backed securities as of March 31, 2010 is set out below:

	As of March 31, 2010		
	Amortized Cost	Fair Value	Fair Value
	(In millions)		
Within one year	Rs. 165,109.2	Rs. 165,987.0	US\$ 3,692.7
Over one year through five years	165,126.2	165,748.1	3,687.4
Over five years through ten years	89,724.1	89,189.8	1,984.2
Over ten years	54,104.9	52,922.5	1,177.4
Total	Rs. 474,064.4	Rs. 473,847.4	US\$ 10,541.7

Gross realized gains and gross realized losses from sales of available for sale securities and dividends and interest on such securities are set out below:

	Fiscal year ended March 31,			
	2008	2009	2010	2010
	(In millions)			
Gross realized gains on sale	Rs. 522.3	Rs. 3,963.6	Rs. 5,691.3	US\$ 126.6
Gross realized losses on sale	(142.6)	(1,023.7)	(1,116.4)	(24.8)
Realized gains (losses), net	379.7	2,939.9	4,574.9	101.8
Dividends and interest	25,261.4	35,636.9	33,304.6	740.9

Total	Rs. 25,641.1	Rs. 38,576.8	Rs. 37,879.5	US\$ 842.7
-------	--------------	--------------	--------------	------------

**7. Investments, held to maturity**

There were no HTM securities as of March 31, 2009 and March 31, 2010.

Under Indian GAAP transfer from an HTM portfolio to an AFS portfolio is permitted by RBI regulations once every year and the Bank has made transfers in accordance with these regulations. However, the Bank has not established an HTM portfolio under US GAAP and therefore the investment classification made under U.S. GAAP and Indian GAAP varies materially.



**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)****8. Credit substitutes**

Credit substitutes consist of securities that the Bank invests in as part of an overall extension of credit to certain customers. Such securities share many of the risk and reward characteristics of loans and are managed by the Bank together with other credit facilities extended to the same customers. The fair values of credit substitutes by type of instrument as of March 31, 2009 and March 31, 2010 were as follows:

	2009		As of March 31, 2010	
	Amortized Cost	Fair Value	Amortized Cost	Fair Value
(In millions)				
<b>Available for sale credit substitute securities:</b>				
Debentures	Rs. 3,238.8	Rs. 3,262.1	Rs. 2,233.6	Rs. 2,279.2
Preferred shares	29.5	29.1		
Commercial paper	961.1	961.1	195.6	197.1
<b>Total</b>	<b>Rs. 4,229.4</b>	<b>Rs. 4,252.3</b>	<b>Rs. 2,429.2</b>	<b>Rs. 2,476.3</b>
			US\$ 54.0	US\$ 55.1

The Bank has no credit substitutes in the held to maturity category.

The fair values of credit substitutes have been analyzed as follows:

	2009	As of March 31, 2010	2010
		(In millions)	
Performing	Rs. 4,252.3	Rs. 2,476.3	US\$ 55.1
Impaired gross balance		313.6	7.0
Less amounts provided for other than temporary impairments		313.6	7.0
Impaired credit substitutes, net			
<b>Total credit substitutes, net</b>	<b>Rs. 4,252.3</b>	<b>Rs. 2,476.3</b>	<b>US\$ 55.1</b>

Impaired credit substitutes as of March 31, 2009 and March 31, 2010:

	2009	As of March 31, 2010	2010
		(In millions)	
<b>Gross impaired credit substitutes:</b>			
on accrual status	Rs.	Rs.	US\$
on non-accrual status		313.6	7.0

Edgar Filing: HDFC BANK LTD - Form 20-F

Total	Rs.	Rs. 313.6	US\$ 7.0
<b>Gross impaired credit substitutes by industry:</b>			
Drugs and Pharmaceuticals		Rs. 313.6	US\$ 7.0
<b>Total</b>	<b>Rs.</b>	<b>Rs. 313.6</b>	<b>US\$ 7.0</b>
Average impaired credit substitutes	Rs. 2.6	Rs. 156.8	US\$ 3.5
<b>Interest foregone on impaired credit substitutes</b>	<b>Rs.</b>	<b>Rs.</b>	<b>US\$</b>
Interest income recognized on impaired credit substitutes	Rs.	Rs.	US\$
<b>Interest income recognized on impaired credit substitutes on a cash basis</b>	<b>Rs.</b>	<b>Rs.</b>	<b>US\$</b>

As of March 31, 2010, the Bank has no additional funds committed to borrowers whose credit substitutes were impaired.

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)****9. Repurchase and resell agreements**

Securities sold under agreements to repurchase (repos) and securities purchased under agreements to resell (reverse repos) generally do not constitute a sale for accounting purposes of the underlying securities, and so are treated as collateralized transactions. There were no such transactions accounted for as sales during the years ended March 31, 2008, 2009 and 2010. Interest paid or received on all repo and reverse repo transactions is recorded in Interest expense or Interest revenue at the contractually specified rate.

**a. Securities purchased under agreements to resell**

Securities purchased under agreements to resell are classified separately from investments and generally mature within 14 days of the transaction date. Such resell transactions are recorded at the amount of cash advanced on the transaction. Resell transactions outstanding as of March 31, 2009 and March 31, 2010 were Rs. 25,497.2, and Rs.20,000.0 million respectively.

**b. Securities sold under repurchase agreements**

Securities sold under agreements to repurchase are classified separately from investments and generally mature within 14 days of the transaction date. Such repurchase transactions are recorded at the amount of cash received on the transaction. Repurchase transactions outstanding as of March 31, 2009 and March 31, 2010 were Nil.

**10. Loans**

Loan balances include Rs. Nil and Rs. 40,000.0 million as of March 31, 2009 and March 31, 2010 respectively which have been pledged as collateral for borrowings and are therefore restricted.

Loans by facility as of March 31, 2009 and March 31, 2010 were as follows:

	2009	As of March 31, 2010 (In millions)	2010
<b>Retail Loans:</b>			
Auto loans	Rs. 156,283.8	Rs. 197,507.7	US\$ 4,393.9
Commercial vehicle and construction equipment finance	80,582.2	94,205.1	2,095.8
Personal loans	90,062.0	90,955.0	2,023.5
Loans against securities	7,265.5	9,071.6	201.8
Two-wheeler loans	19,423.3	18,180.1	404.5
Retail business banking	132,323.8	144,733.7	3,219.9
Credit cards	39,240.7	38,458.1	855.6
Housing loans	50,690.7	87,887.0	1,955.2
Other retail loans	44,521.9	51,985.9	1,156.5
<b>Subtotal</b>	<b>Rs. 620,393.9</b>	<b>Rs. 732,984.2</b>	<b>US\$ 16,306.7</b>
<b>Wholesale loans:</b>			
Working capital finance	Rs. 154,054.9	Rs. 228,276.2	US\$ 5,078.4
Term loans	236,597.1	359,680.6	8,001.8

Edgar Filing: HDFC BANK LTD - Form 20-F

Sub total	Rs. 390,652.0	Rs. 587,956.8	US\$ 13,080.2
Gross loans	1,011,045.9	1,320,941.0	29,386.9
Less: Allowance for credit losses	24,550.9	23,760.6	528.6
Total	Rs. 986,495.0	Rs. 1,297,180.4	US\$ 28,858.3

F-25

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The contractual residual maturity of gross loans as of March 31, 2010 is set out below:

	As of March 31, 2010			
	Working Capital Finance	Term Loans	Retail Loans	Total
	(In millions)			
<b>Maturity profile of loans:</b>				
Within one year	Rs. 119,211.0	Rs. 183,893.8	Rs. 249,614.8	Rs. 552,719.6
Over one year through five years	109,065.2	141,262.2	406,742.6	657,070.0
Over 5 years		34,524.6	76,626.8	111,151.4
<b>Total gross loans</b>	Rs. 228,276.2	Rs. 359,680.6	Rs. 732,984.2	Rs. 1,320,941.0
	US\$ 5,078.4	US\$ 8,001.8	US\$ 16,306.7	US\$ 29,386.9

Gross loans analyzed by performance are as follows:

	2009	As of March 31,	
		2010	2010
		(In millions)	
Performing	Rs. 991,488.4	Rs. 1,301,678.1	US\$ 28,958.4
Impaired	19,557.5	19,262.9	428.5
<b>Total gross loans</b>	Rs. 1,011,045.9	Rs. 1,320,941.0	US\$ 29,386.9

Impaired loans as of March 31, 2009 and March 31, 2010 by facility are as follows:

	2009	As of March 31,	
		2010	2010
		(In millions)	
Retail loans	Rs. 14,957.7	Rs. 13,038.0	US\$ 290.1
Wholesale loans	4,599.8	6,224.9	138.5
<b>Gross impaired loans</b>	19,557.5	19,262.9	428.6
Less: Specific allowance for credit losses	13,220.6	13,820.3	307.5
<b>Impaired loans, net of specific allowance</b>	Rs. 6,336.9	Rs. 5,442.6	US\$ 121.1
<b>Gross impaired loans:</b>			
without valuation allowance	Rs. 6,336.9	Rs. 5,442.6	US\$ 121.1
with valuation allowance	13,220.6	13,820.3	307.5

Edgar Filing: HDFC BANK LTD - Form 20-F

Total	Rs. 19,557.5	Rs. 19,262.9	US\$ 428.6
Gross impaired loans:			
on accrual status	Rs.	Rs. 1,078.5	US\$ 24.0
on non-accrual status	19,557.5	18,184.4	404.6
Total	Rs. 19,557.5	Rs. 19,262.9	US\$ 428.6
Gross impaired loans by industry:			
Land Transport	Rs. 1,182.3	Rs. 858.7	US\$ 19.1
Wholesale/Retail Trade	1,741.1	2,252.8	50.1
Others (none > than 5% of impaired loans)	16,634.1	16,151.4	359.4
Total	Rs. 19,557.5	Rs. 19,262.9	US\$ 428.6

F-26

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

Summary information relating to impaired loans as of March 31, 2008, 2009 and 2010 is as follows:

	2008	As of March 31, 2009		2010	2010
		(In millions)			
Average impaired loans, net of allowance	Rs. 2,509.6	Rs. 4,662.3	Rs. 5,889.8	US\$ 131.0	
Interest foregone on impaired loans	Rs. 207.0	Rs. 365.6	Rs. 1,540.1	US\$ 34.3	
Interest income recognized on impaired loans	Rs. 14.6	Rs. 206.5	Rs. 591.4	US\$ 13.2	
Interest income recognized on impaired loans on a cash basis	Rs. 14.6	Rs. 206.5	Rs. 591.4	US\$ 13.2	

Changes in the allowance for credit losses are as follows:

	2009	As of March 31, 2010		2010
		(In millions)		
Specific allowance for credit losses, beginning of period	Rs. 5,841.6	Rs. 13,220.6	US\$ 294.0	
Gross allowance for credit losses (including on acquisition of CBoP)	26,876.5	20,975.4	466.6	
Allowance no longer required due to:				
Cash recoveries	(245.7)	(1,391.5)	(31.0)	
Write-offs	(19,251.8)	(18,984.2)	(422.3)	
Specific allowance for credit losses, end of period	Rs. 13,220.6	Rs. 13,820.3	US\$ 307.3	
Unallocated allowance for credit losses, beginning of period	6,894.4	11,330.3	252.1	
Additions during the period (including on acquisition of CBoP)	4,435.9	(1,390.0)	(30.9)	
Unallocated allowance for credit losses, end of period	11,330.3	9,940.3	221.2	
Total allowance for credit losses, end of period	Rs. 24,550.9	Rs. 23,760.6	US\$ 528.5	

Interest and fees on loans by facility are as follows:

	2008	Fiscal years ended March 31, 2009		2010	2010
		(In millions)			
Wholesale	Rs. 25,801.9	Rs. 43,407.0	Rs. 38,902.5	US\$ 865.6	
Retail loans	46,794.0	73,874.5	79,462.0	1,767.8	
Total	Rs. 72,595.9	Rs. 117,281.5	Rs. 118,364.5	US\$ 2,633.4	

**11. Sales/transfer of receivables**

The following table summarizes pre-tax gains on securitizations and certain cash flows received from customers and paid to QSPEs for sales of performing loans that were completed during the years ended March 31, 2008, March 31, 2009 and March 31, 2010:

	2008	Fiscal years ended March 31,		2010
		2009	2010	
		(In millions)		
Sale price of new securitizations/transfer	Rs. 2,913.9	Rs. 23,355.1	Rs.	US\$
Less: Book value of finance receivables derecognized	2,900.6	22,154.0		
Less: Estimated costs of servicing		18.2		
Pre-tax gains(loss) on securitizations	Rs. 13.3	Rs. 1,182.9	Rs.	US\$
<b>Cash flow information</b>				
Collections against securitized receivables	Rs. 14,855.7	Rs. 6,201.2	Rs. 9,967.8	US\$ 221.8
Payments made to QSPEs	Rs. 14,678.6	Rs. 5,843.1	Rs. 9,515.3	US\$ 211.7
Cash flows on retained interests	Rs. 48.5	Rs. 41.9	Rs. 41.5	US\$ 0.9

F-27



**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The Bank has relied upon market information and its past experience for the purpose of determining the assumptions below. Key assumptions used in measuring the retained interests in finance receivables of sales completed during the years ended March 31, 2009 and March 31, 2010 as of the dates of such sales were as follows:

	For the year ended March 31, 2009	For the year ended March 31, 2010
<b>Key assumptions: (rates per annum)</b>		
Annual prepayment rate	5.0%	
Expected credit losses	0.2%	

Credit losses and prepayment losses as a percentage to the gross loans disbursed are estimated on the basis of historical losses on a similar portfolio.

Other key disclosures are as follows:

	2009	As of March 31, 2010 (In millions)	2010
Finance receivables held by QSPEs	Rs. 40,564.6	Rs. 21,279.6	US\$ 473.4
Delinquencies	435.9	253.2	5.6
Credit losses	382.6	197.9	4.4
Retained interest in sold receivables, consisting of subordinated securities	1,399.7	768.6	17.1

The table below outlines the economic assumptions and the sensitivity of the estimated fair value of retained interests in finance receivables as of March 31, 2009 and March 31, 2010, to immediate 10% and 20% changes in those assumptions:

	2009	As of March 31, 2010 (In millions)	2010
<b>Fair value of retained interests</b>			
Annual prepayment rate:			
Impact of 10% adverse change	Rs. 0.5	Rs. 0.01	US\$
Impact of 20% adverse change	0.9	0.03	
Expected credit losses:			
Impact of 10% adverse change	6.6	8.3	0.2
Impact of 20% adverse change	13.2	16.5	0.4

The discount rate used for the valuation of retained interests is the rate of return to the transferees of the various pools of securitized receivables and, therefore, is not subject to change. Weighted average life in years of the securitized receivables is also not subject to change except in the case of a change in the prepayment rate assumption. Consequently, the above sensitivity analysis does not include the impact on the estimated fair values of the retained interests due to an adverse change in the weighted average life in years and the discount rate.

These sensitivities are hypothetical and should be used with appropriate caution. A 10% change in the assumptions may not result in lineally proportionate changes in the fair values of retained interests. Adverse changes assumed in the above analysis and the resultant change in the fair values of retained interests are calculated independent of each other. In reality, any change in one factor may cause a change in the other factors.

## Edgar Filing: HDFC BANK LTD - Form 20-F

The Bank recorded a servicing liability of Rs. 7.6 million and Rs. 21.1 million as of March 31, 2010 and March 31, 2009 respectively.

F-28

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)****12. Concentrations of credit risk**

Concentrations of credit risk exist when changes in economic, industry or geographic factors similarly affect groups of counterparties whose aggregate credit exposure is material in relation to the Bank's total credit exposure. The Bank manages its credit risk collectively for its loan portfolio and credit substitute securities as these instruments are invested in as part of an overall lending program for corporate customers; accordingly, information on concentrations of credit risk has been provided for these exposures together.

The Bank's portfolio of loans and credit substitute securities is broadly diversified along industry and product lines, and as of March 31, 2009 and 2010 the exposures are as set forth below. The Bank does not consider retail loans a specific industry for this purpose. However, retail business banking loans are classified in the appropriate categories below and loans to commercial vehicle operators are included in land transport below.

Category	As of March 31, 2009							
	Gross loans		Fair Values Of Credit Substitutes		Total	Total	%	
	Rs.		Rs.		Rs.	US\$		
Land transport	Rs.	53,270.5	Rs.		Rs.	53,270.5	US\$ 1,047.2	5.3%
Non-banking finance companies/ Financial Intermediaries		40,425.2		256.3		40,681.5	799.7	4.0
Automotive manufacturers		38,991.6				38,991.6	766.5	3.8
Activities allied to agriculture		32,492.8				32,492.8	638.7	3.2
Wholesale / Retail Trade		31,896.3		47.5		31,943.8	627.9	3.1
Fertilizers & Pesticides		27,445.3				27,445.3	539.5	2.7
Petroleum & Petroleum Products		26,437.3				26,437.3	519.7	2.6
Others (none > than 2%)		760,086.9		3,948.5		764,035.4	15,019.5	75.3
<b>Total</b>	<b>Rs.</b>	<b>1,011,045.9</b>	<b>Rs.</b>	<b>4,252.3</b>	<b>Rs.</b>	<b>1,015,298.2</b>	<b>US\$ 19,958.7</b>	<b>100.0%</b>

Category	As of March 31, 2010							
	Gross loans		Fair Values Of Credit Substitutes		Total	Total	%	
	Rs.		Rs.		Rs.	US\$		
Automotive manufacturers	Rs.	73,784.3	Rs.	49.3	Rs.	73,833.6	US\$ 1,642.6	5.6%
Wholesale / Retail Trade		70,886.1		198.8		71,084.9	1,581.4	5.4
Land Transport		59,080.3				59,080.3	1,314.4	4.5
Fertilizers & Pesticides		54,830.1				54,830.1	1,219.8	4.1
Non-banking finance companies/ Financial Intermediaries		53,697.2		105.3		53,802.5	1,196.9	4.1
Banks and Financial Institutions		37,590.1				37,590.1	836.3	2.8
Housing Finance Companies		35,697.6				35,697.6	794.2	2.7
Activities allied to agriculture		31,493.6				31,493.6	700.6	2.4
Real Estate & Property Services		27,051.3				27,051.3	601.8	2.0
Others (none > than 2%)		876,830.4		2,122.9		878,953.3	19,554.0	66.4

## Edgar Filing: HDFC BANK LTD - Form 20-F

Total	Rs. 1,320,941.0	Rs. 2,476.3	Rs. 1,323,417.3	US\$ 29,442.0	100.0%
-------	-----------------	-------------	-----------------	---------------	--------

The Bank has a geographic concentration of credit risk, with exposure to borrowers based in Western India (including Mumbai), comprising 44.7% and 47.3% of the total loan and credit substitute security portfolio as of March 31, 2009 and March 31, 2010 respectively. While such borrowers are based in Western India they may use the funds provided by the Bank for a variety of uses that may or may not be related to the economy in Western India.

F-29

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

Loan and credit substitute exposures as of March 31, 2009 and 2010 based on the region in which the instruments are originated are as follows (which may be or may not be where funds are used):

Region of origination	As of March 31, 2009				%
	Gross Loans	Fair Values Of Credit Substitutes (In millions, except percentages)	Total Exposure	Total Exposure	
Mumbai	Rs. 268,305.9	Rs. 3,966.9	Rs. 272,272.8		26.8%
Western region, other than Mumbai	182,123.6	29.1	182,152.7		17.9
Northern region	234,476.5		234,476.5		23.1
Eastern region	61,553.0		61,553.0		6.1
Southern region	256,253.1	256.3	256,509.4		25.3
Foreign branch	8,333.8		8,333.8		0.8
<b>Total</b>	<b>Rs. 1,011,045.9</b>	<b>Rs. 4,252.3</b>	<b>Rs. 1,015,298.2</b>		<b>100.0%</b>

Region of origination	As of March 31, 2010					%
	Gross Loans	Fair Values Of Credit Substitutes (In millions, except percentages)	Total Exposure	Total Exposure	Total Exposure	
Mumbai	Rs. 391,032.6	Rs. 2,371.0	Rs. 393,403.6	US\$ 8,752.1		29.7%
Western region, other than Mumbai	233,323.5		233,323.5	5,190.7		17.6
Northern region	293,704.3		293,704.3	6,534.0		22.2
Eastern region	79,058.5		79,058.5	1,758.8		6.0
Southern region	304,037.8	105.3	304,143.1	6,766.3		23.0
Foreign branch	19,784.3		19,784.3	440.1		1.5
<b>Total</b>	<b>Rs. 1,320,941.0</b>	<b>Rs. 2,476.3</b>	<b>Rs. 1,323,417.3</b>	<b>US\$ 29,442.0</b>		<b>100.0%</b>

The Bank's exposures to its ten largest borrowers as of March 31, 2010, computed as per RBI guidelines, based on the higher of the outstanding balance or the limit on loans, investments (including credit substitutes) and non-funded exposures, are as follows:

	March 31, 2009			March 31, 2010			Total Exposure
	Funded Exposure	Non-Funded Exposure	Total Exposure	Funded Exposure (In millions)	Non-Funded Exposure	Total Exposure	
Borrower 1	Rs. 25,271.1	Rs.	Rs. 25,271.1	Rs. 41,971.1	Rs.	Rs. 41,971.1	US\$ 933.7
Borrower 2	28,000.0	4,000.0	32,000.0	26,120.0	11,071.1	37,191.1	827.4
Borrower 3	2,829.9	13,649.2	16,479.1	13,503.6	18,938.2	32,441.8	721.7
Borrower 4	13,500.0		13,500.0	24,926.2		24,926.2	554.5
Borrower 5	5,240.0	3,053.8	8,293.8	13,844.7	8,090.9	21,935.6	488.0
Borrower 6	10,000.0		10,000.0	18,857.1		18,857.1	419.5

Edgar Filing: HDFC BANK LTD - Form 20-F

Borrower 7	16,785.1	81.5	16,866.6	375.2
Borrower 8	16,000.0	212.4	16,212.4	360.7
Borrower 9	304.3	14,299.6	14,603.9	324.9
Borrower 10	3,549.0	10,217.6	13,766.6	306.3

Information in respect of earlier years is not provided for the above borrowers if they were then not among the top ten exposures as of March 31, 2009.

F-30

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)****13. Property and equipment**

Property and equipment by asset category is as follows:

	2009	As of March 31, 2010 (In millions)	2010
Land and premises	Rs. 9,969.3	Rs. 9,764.9	US\$ 217.2
Software and systems	5,028.3	5,918.8	131.7
Equipment and furniture	20,625.1	25,198.6	560.6
Property and equipment, at cost	35,622.7	40,882.3	909.5
Less: Accumulated depreciation	14,973.3	18,579.5	413.3
Property and equipment, net	Rs. 20,649.4	Rs. 22,302.8	US\$ 496.2

Depreciation and amortization charged for the years ended March 31, 2008, 2009 and 2010 was Rs. 2,816.0 million, Rs. 3,731.4 million and Rs. 4,133.7 million (US\$ 92.0 million), respectively.

**14. Other assets**

Other assets include the following:

	2009	As of March 31, 2010 (In millions)	2010
Security deposits for leased property	Rs. 3,878.9	Rs. 4,110.2	US\$ 91.4
Sundry accounts receivable	7,329.6	8,024.1	178.5
Advance tax (net of provision for taxes)	9,293.6	9,733.9	216.5
Advances	1,116.8	1,288.3	28.7
Prepaid expenses	471.8	1,050.3	23.4
Restricted cash/ securitization margin for credit enhancement and securitized transactions	102.4	103.2	2.3
Derivatives	111,189.0	77,929.2	1,733.7
Other	4,610.2	11,848.9	263.7
Total	Rs. 137,992.3	Rs. 114,088.1	US\$ 2,538.2

**15. Deposits**

Deposits include demand deposits, which are non-interest-bearing, and savings and time deposits, which are interest-bearing. Deposits as of March 31, 2009 and 2010 were as follows:

Edgar Filing: HDFC BANK LTD - Form 20-F

	2009	As of March 31, 2010 (In millions)	2010
Interest-bearing:			
Savings deposits	Rs. 348,893.6	Rs. 498,656.6	US\$ 11,093.6
Time deposits	793,388.3	802,389.4	17,850.7
Total interest-bearing deposits	1,142,281.9	1,301,046.0	28,944.3
Non-interest bearing deposits	284,006.7	371,354.3	8,261.5
Total	Rs. 1,426,288.6	Rs. 1,672,400.3	US\$ 37,205.8

As of March 31, 2009 and March 31, 2010, time deposits of Rs. 700,142.0 million and Rs. 630,337.1 million, respectively, had a residual maturity of less than one year. The remaining deposits mature between one and ten years.

F-31



**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

As of March 31, 2009 and March 31, 2010, time deposits in excess of Rs. 0.1 million aggregated Rs. 671,484.4 million and Rs. 678,013.4 million, respectively.

As of March 31, 2010, the scheduled maturities for total time deposits were as follows:

	As of March 31, 2010 (In millions)	
Due to mature in the fiscal year ending March 31:		
2011	Rs. 630,337.1	US\$ 14,023.1
2012	139,539.4	3,104.3
2013	22,951.6	510.6
2014	5,071.7	112.8
2015	2,200.0	48.9
Thereafter	2,289.6	51.0
Total	Rs. 802,389.4	US\$ 17,850.7

**16. Short-term borrowings**

Short-term borrowings are mainly comprised of money market borrowings. These borrowings are unsecured and are utilized by the Bank for its treasury operations. Short-term borrowings as of March 31, 2009 and March 31, 2010 were comprised of the following:

	2009	As of March 31, 2010 (In millions)	2010
Borrowed in the call market	Rs. 5,145.0	Rs. 12,269.1	US\$ 273.0
Term borrowings from institutions/banks	2,417.4	22,942.7	510.4
Foreign currency borrowings	19,674.5	22,953.2	510.6
Bills rediscounted		40,000.0	889.9
Total	Rs. 27,236.9	Rs. 98,165.0	US\$ 2,183.9
Total borrowings outstanding:			
Maximum amount outstanding	Rs. 185,430.3	Rs. 141,802.3	US\$ 3,154.7
Average amount outstanding	Rs. 84,411.4	Rs. 61,493.4	US\$ 1,368.0
Weighted average interest rate	6.8%	3.6%	3.6%

**17. Long-term debt**

Long-term debt as of March 31, 2009 and March 31, 2010 was comprised of the following:

Edgar Filing: HDFC BANK LTD - Form 20-F

	2009	As of March 31, 2010 (In millions)	2010
Subordinated debt	Rs. 64,804.3	Rs. 63,531.0	US\$ 1,413.4
Others	2,794.5	12,323.4	274.1
<b>Total</b>	<b>Rs. 67,598.8</b>	<b>Rs. 75,854.4</b>	<b>US\$ 1,687.5</b>

F-32

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The scheduled maturities of long-term debt are set out below:

	As of March 31, 2010 (In millions)	
Due in the fiscal year ending March 31:		
2011	Rs. 3,918.0	US\$ 87.2
2012	5,050.6	112.4
2013	1,615.4	35.9
2014		
2015	4,140.0	92.1
Thereafter (1)	59,130.4	1,315.5
Total	Rs. 73,854.4	US\$ 1,643.1

(1) The scheduled maturities of long-term debt do not include perpetual bonds of Rs. 2.0 billion.

The outstanding balance as at March 31, 2009 and March 31, 2010 of Subordinated debt (lower tier II capital) was Rs 34,567.4 million and Rs. 33,932.0 million respectively, upper tier II capital was Rs. 28,237.0 million and Rs. 27,599.0 million respectively and perpetual debt was Rs. 2,000.0 million and Rs. 2,000.0 million respectively.

During the year ended March 31, 2010 the Bank raised subordinated debt qualifying for Tier II capital amounting to Nil (previous year Rs. 28,750 million).

Other long-term debt includes foreign currency borrowings from other Banks aggregating to Rs. 7,413.8 million and local currency borrowings aggregating to Rs. 4,909.6 million.

**18. Accrued expenses and other liabilities**

Accrued expenses and other liabilities include the amounts set forth below.

	2009	As of March 31, 2010 (In millions)	2010
Bills payable	Rs. 29,224.1	Rs. 59,257.4	US\$ 1,318.3
Remittances in transit	33,101.6	37,257.8	828.9
Accrued expenses	9,249.8	12,477.9	277.6
New account deposits	2,555.8	4,736.8	105.4
Accounts payable	28,579.6	43,631.0	970.7
Derivatives	104,676.8	75,326.1	1,675.8
Others	8,954.3	10,995.3	244.7
Total	Rs. 216,342.0	Rs. 243,682.3	US\$ 5,421.4

**19. Income taxes**

## Edgar Filing: HDFC BANK LTD - Form 20-F

Income tax expense is comprised of the following:

	2008	Years ended March 31,		2010
		2009	(In millions)	
Current income tax expense	Rs. 8,662.3	Rs. 9,312.1	Rs. 13,656.7	US\$ 303.8
Deferred income tax (benefit) expense*	(2,354.7)	(1,574.7)	(1,318.3)	(29.3)
<b>Income tax expense**</b>	<b>Rs. 6,307.6</b>	<b>Rs. 7,737.4</b>	<b>Rs. 12,338.4</b>	<b>US\$ 274.5</b>

\* Includes deferred income tax benefits on the amortization of intangible assets of Rs. 1,111.8 million and Rs. 1,281.3 million for fiscals 2009 and 2010 respectively.

\*\* Does not reflect the deferred tax effects of unrealized gains and losses on available for sale securities that are included in accumulated other comprehensive income of Rs. 1,144.6 millions, Rs. 5,021.8 million and Rs. 2,955.3 million for fiscals 2008, 2009 and 2010 respectively.

F-33

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The following is the reconciliation of estimated income taxes at the Indian statutory income tax rate to income tax expense as reported:

	2008	Years ended March 31,		2010
		2009	2010	
	(In millions)			
Net income before taxes	Rs. 19,552.8	Rs. 22,935.1	Rs. 37,226.2	US\$ 828.2
Effective statutory income tax rate	33.99%	33.99%	33.99%	33.99%
Expected income tax expense	6,646.0	7,795.6	12,653.2	281.4
Adjustments to reconcile expected income tax to actual tax expense:				
Permanent differences:				
Stock-based compensation (net of forfeitures)	566.7	724.2	1,217.0	27.1
Income exempt from taxes	(1,067.6)	(845.0)	(1,529.4)	(34.0)
Other, net	173.1	62.6	(2.4)	
Effect of change in statutory tax rate	(10.6)			
Income tax expense	Rs. 6,307.6	Rs. 7,737.4	Rs. 12,338.4	US\$ 274.5

The tax effects of significant temporary differences are as follows:

	2009	As of March 31,	
		2009	2010
	(In million)		
Tax effect of:			
Deductible temporary differences:			
Allowance for loan losses	Rs. 5,925.8	Rs. 6,068.8	US\$ 135.0
Unrealized loss on securities available for sale (net)		47.7	1.1
Investments, others	575.1	409.7	9.1
Derivatives	780.3	142.5	3.2
Employee benefits	1,045.0	1,195.1	26.6
Other	896.4	1,768.7	39.3
Deferred tax asset	9,222.6	9,632.5	214.3
Taxable temporary differences:			
Property and equipment	1,185.7	1,250.1	27.8
Unrealized gain on securities available for sale (net)	4,377.4		
Loan origination cost	788.7	546.6	12.2
Intangible assets	4,327.3	3,046.0	67.8
Deferred tax liability	10,679.1	4,842.7	107.8
Net deferred tax (asset) liability	Rs. 1,456.5	Rs. (4,789.8)	US\$ (106.5)

Management believes that the realization of the recognized deferred tax assets is more likely than not based on expectations as to future taxable income.

## Edgar Filing: HDFC BANK LTD - Form 20-F

For the years ended March 31, 2008, March 31, 2009 and March 31, 2010 the Bank recorded income tax expense of Rs. 6,307.6 million, Rs. 7,737.4 million and Rs. 12,338.4 million, respectively, resulting in annual effective tax rate of 32.3 %, 33.7% and 33.1% respectively.

F-34

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

Effective April 1, 2007, the Bank adopted the provisions of FASB ASC 740 (formerly FASB Interpretation No. 48, Accounting for Uncertainty in Income Taxes). This Interpretation clarifies the accounting for Income Taxes and prescribes a recognition threshold of more-likely-than-not to be sustained upon examination. Under FASB ASC 740, income tax benefits are recognized and measured based upon a two-step model: 1) a tax position must be more-likely-than-not to be sustained based solely on its technical merits in order to be recognized, and 2) the benefit is measured as the largest amount of that position that is more-likely-than-not to be sustained upon settlement. The difference between the benefit recognized for a position in accordance with this model and the tax benefit claimed on a tax return is referred to as an unrecognized tax benefit. As a result the Bank did not recognize any increase/decrease in the liability for unrecognized tax benefits related to tax positions taken in prior periods.

The adoption of the above provisions did not have any impact on the retained earnings or provision for taxation as of April 1, 2007. Upon initial adoption, the provisions were applied to all income-tax positions since assessment year 1996-97 pending in appeal/assessment. The Bank's present evaluation includes assessment years 2008-09 and 2009-10 in respect of which income-tax returns have been filed but remain subject to assessment order from the taxation authorities.

The major income tax jurisdiction for the Bank is India.

The total unrecognized tax benefit as on March 31, 2008, March 31, 2009 and March 31, 2010 is Rs. 78.1 million, Rs 686.0 million and Rs. 691.3 million respectively. A reconciliation of the beginning and ending balance of unrecognized tax benefits is as follows:

	2008	As of March 31,		2010
		2009	2010	2010
		(In millions)		
Opening balance	Rs. 78.1	Rs. 78.1	Rs. 686.0	US\$ 15.3
Increase/decrease on account of acquisition of CBoP (effective May 23, 2008)		614.2		
Increases/decreases related to prior year tax positions		(6.3)	5.3	0.1
Closing balance	Rs. 78.1	Rs. 686.0	Rs. 691.3	US\$ 15.4

The Bank's total unrecognized tax benefits, if recognized, would reduce the tax provisions by Rs. 691.3 million as of March 31, 2010 and thereby would affect the Bank's effective tax rate.

Significant changes in the amount of unrecognized tax benefits within the next 12 months cannot be reasonably estimated as the changes would depend upon the progress of tax examinations with various tax authorities.

The Bank's policy is to include interest and penalties related to gross unrecognized tax benefits within the provision for income taxes. For the period ended March 31, 2010, no amount was charged as interest and penalty cost to the income statement.

**20. Stock-based compensation**

The stock-based compensation plans of the Bank are as follows:

***Employees Stock Option Scheme:***

The shareholders of the Bank approved in January 2000 Plan A, in June 2003 Plan B, in June 2005 Plan C and in June 2007 Plan D of the Employees Stock Option Scheme (the Plan). Under the terms of each of these Plans, the Bank may issue stock options to employees and directors of the Bank, each of which is convertible into one equity share. The Bank reserved 10 million equity shares, with an aggregate nominal

## Edgar Filing: HDFC BANK LTD - Form 20-F

value of Rs. 100 million, for issuance under each Plan A, B and C. Under Plan D the Bank reserved 15.0 million equity shares, with an aggregate nominal value of Rs. 150.0 million. Under the terms of each of these Plans, the Bank may issue stock options to employees and directors of the Bank, each of which is convertible into one equity share.

Plan A provides for the issuance of options at the recommendation of the Compensation Committee of the Board (the Compensation Committee) at an average of the daily closing prices on the Mumbai Stock Exchange during the 60 days preceding the date of grant of options, which was the minimum prescribed option price under regulations then issued by the Securities and Exchange Board of India (SEBI).

F-35



**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

Plan B, Plan C and Plan D provide for the issuance of options at the recommendation of the Compensation Committee at the closing price on the working day immediately preceding the date when options are granted on an Indian stock exchange. For Plan B the price is that quoted on an Indian stock exchange with the highest trading volume during the preceding two weeks, while for Plan C and Plan D the price is that quoted on an Indian stock exchange with the highest trading volume as of the working day preceding the date of grant.

Such options vest at the discretion of the Compensation Committee. These options are exercisable for a period following vesting at the discretion of the Compensation Committee, subject to a maximum of five years, as set forth at the time of the grant. Modifications, if any, made to the terms and conditions of these Plans as approved by the Compensation Committee are disclosed separately.

On September 2, 2009 and March 2, 2010 the Compensation Committee of the Bank approved the grant of a total of 5,414,750 options (Scheme XIV) and a total of 1,853,000 options (Scheme XV) respectively to the employees of the Bank.

***Modification of employee stock option schemes***

Effective April 1, 2007 the Indian government enacted a Fringe Benefit Tax ( FBT ) on equity compensation. On August 19, 2009, the Indian government abolished the FBT effective April 1, 2009. The FBT was calculated based on the difference between the fair market value as of the vesting date and the exercise price of the equity compensation awards granted to employees. The Bank recovered FBT from its employees, and such recovery was treated as an additional exercise price and was recorded as additional paid-in capital in the consolidated balance sheet. Because the abolition of the FBT resulted in a change in the exercise price of equity-compensation awards granted to its employees, the abolition has therefore been considered as a modification in the terms of grant of ESOPs. Accordingly, all outstanding ESOPs have been fair valued as of August 19, 2009 to determine additional compensation cost, if any. The additional cost charged as on March 31, 2010 on account of this modification aggregated to Rs. 1,206.6 million.

***On acquisition of CBoP***

On acquisition of CBoP, effective May 23, 2008, all options granted to the employees of CBoP and outstanding as on the effective date were converted in the swap ratio of 1 option of HDFC Bank for every 29 options of CBoP. Correspondingly the exercise price of the converted options was determined based on the exercise price originally stipulated by CBoP multiplied by 29. The said options were granted under the following schemes.

- 1) Key ESOP-2004
- 2) General ESOP-2004
- 3) General ESOP-2007

***Assumptions used***

The fair value of options has been estimated on the dates of each grant using a binomial option pricing model with the following assumptions:

	Years ended March 31,		
	2008	2009	2010
Dividend yield	0.6%	0.75%	0.59%-0.69%
Expected volatility	25.20%	39.71%	44.68%-49.86%
Risk-free interest rate	7.7%-7.9%	9.2%-9.3%	7.32%-7.71%
Expected lives	1-4 yrs	1-4 years	1-4 years



**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)***a) Employees stock option schemes (Plan A, Plan B, Plan C and Plan D)*

Activity in the options available to be granted under the Employee Stock Option Scheme is as follows:

	Options available to be granted Years ending March 31,		
	2008	2009	2010
Options available to be granted, beginning of year	2,909,800	10,615,800	10,051,700
Equity shares allocated for grant under the plan	15,000,000		
Options granted	(8,305,500)	(1,253,000)	(7,268,250)
Forfeited/lapsed	1,011,500	688,900	163,050
Options available to be granted, end of year	10,615,800	10,051,700	2,946,500

Activity in the options outstanding under the Employee Stock Option Scheme is as follows:

	2008		Years ended March 31, 2009		2010	
	Options	Weighted Average Exercise Price	Options	Weighted Average Exercise Price	Options	Weighted Average Exercise Price
Options outstanding, beginning of year	11,321,600	Rs. 803.10	16,937,800	Rs. 1,013.60	16,633,800	Rs. 1,041.46
Granted	8,305,500	1,217.90	1,253,000	1,282.81	7,268,250	1,512.07
Exercised	(1,677,800)	631.81	(868,100)	701.06	(4,776,700)	928.39
Forfeited	(1,011,500)	967.60	(556,500)	1,058.47	(158,050)	1,367.68
Lapsed			(132,400)	823.03	(5,000)	358.60
Options outstanding, end of year	16,937,800	Rs. 1,013.60	16,633,800	Rs. 1,041.46	18,962,300	Rs. 1,199.17
Options exercisable, end of year	3,288,900	Rs. 740.34	9,469,000	Rs. 958.18	11,174,800	Rs. 1,002.98

Weighted average fair value of options granted during the year

Rs. 206.82

Rs. 305.97

Rs. 586.21

The following summarizes information about stock options outstanding as of March 31, 2010:

Plan	Range of exercise price	As of March 31, 2010		
		Number Of Shares Arising Out Of Options	Weighted Average Remaining Life	Weighted Average Exercise Price
Plan A	Rs. 366.30 (or US\$ 8.1)	33,600	1.59	366.30
Plan B	Rs.358.6 to Rs.1,098.7 (or US\$8.1 to US\$24.4)	2,474,700	2.79	977.12
Plan C	Rs.630.6 to Rs.1,098.7 (US\$ 14.0 to US\$ 24.4)	3,757,600	2.58	896.46

## Edgar Filing: HDFC BANK LTD - Form 20-F

Plan D	Rs.1098.7 to Rs. 1,704.8 (US\$ 24.4 to US\$ 37.9)	12,696,400	3.89	1,334.24
--------	---	------------	------	----------

The intrinsic value of options exercised during the year ended March 31, 2008, 2009 and 2010 was Rs. 6.9 million, Rs. 2.0 million and Rs. 14.2 million respectively. The aggregate intrinsic value of options outstanding and options exercisable as at March 31, 2010 was Rs. 102.7 million (previous year Rs. 44.4 million) and Rs. 29.3 million (previous year Rs. 27.1 million) respectively. Total stock compensation cost (including on modification) recognized under these plans was Rs. 1,667.4 million, Rs. 1,624.9 million and Rs. 3,251.3 million during the years ended March 31, 2008, March 31, 2009 and March 31, 2010 respectively. The total compensation cost recognized as on March 31, 2010 included Rs. 976.8 million on account of the additional cost of options due to a modification in the terms of issue of certain options in August 2009. As at March 31, 2010, the total estimated compensation cost to be recognized in future periods was Rs. 2,139.9 million. This is expected to be recognized over a weighted average period of 0.61 years.

F-37

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

b) *Employees Stock Option Schemes issued on acquisition of CBoP (Key ESOP-2004, General ESOP-2004 and General ESOP-2007)*

Activity in the options outstanding under the Employee Stock Option Scheme is as follows:

	From effective date of acquisition to March 31, 2009		For the year ended March 31, 2010	
	Options	Weighted Average Exercise Price	Options	Weighted Average Exercise Price
Options outstanding, beginning of year	3,548,217*	Rs. 1,144.4	2,960,227	Rs. 1,163.4
Exercised	(199,133)	770.3	(1,382,243)	813.9
Forfeited	(251,953)	1,183.7	(34,204)	1,083.9
Lapsed	(136,904)	1,204.8		
Options outstanding, end of period	2,960,227	Rs. 1,163.4	1,543,780	Rs. 1,006.1
Options exercisable, end of period	1,806,016	Rs. 1,083.7	1,543,780	Rs. 1,006.1
Weighted average fair value of options granted during the period		Rs.		Rs.

Note: \*Being number of options exchanged on acquisition of CBoP

The following summarizes information about stock options outstanding as of March 31, 2010

Plan	Range of exercise price	As of March 31, 2010		
		Number Of Shares Arising Out Of Options	Weighted Average Remaining Life	Weighted Average Exercise Price
Key ESOP-2004	Rs. 116.0 (or US\$2.6)	64,816	3.04	Rs. 116.0
General ESOP -2004	Rs. 442.3 to Rs. 859.9 (or US\$9.8 to US\$19.1)	392,643	3.59	Rs. 643.8
General ESOP -2007	Rs. 1,162.9 to Rs. 1,258.6 (or US\$25.9 to US\$28.0)	1,086,321	3.97	Rs. 1,190.2

The intrinsic value of options exercised from the effective date of the acquisition to March 31, 2009 was Rs. 121.7 million and during the year ended March 31, 2010 was Rs. 784.5 million. The aggregate intrinsic value of options outstanding and options exercisable as at March 31, 2010 was Rs. 579.49 million (previous period Rs. 686.64 million) and Rs. 579.49 million (previous period Rs. 548.67 million) respectively. Total stock compensation cost (including on modification) recognized under these plans was Rs. 346.6 million and Rs. 329.3 million during the period ended March 31, 2009 and March 31, 2010 respectively. The total compensation cost recognized as on March 31, 2010 included Rs. 229.8 million on account of the additional cost of options due to a modification in the terms of issue of certain options in August 2009. As at March 31, 2010, the total estimated compensation cost to be recognized in future periods was Nil.

**21. Retirement benefits**

***Gratuity***

In accordance with Indian law, the Bank provides for gratuity, a defined benefit retirement plan, covering eligible employees. The plan provides for lump sum payments to vested employees at retirement, resignation, death while in employment or on termination of employment in an amount equivalent to 15 days eligible salary payable for each completed year of service. Vesting occurs upon completion of five years of service. The Bank makes annual contributions to funds administered by trustees and managed by Insurance companies for amounts notified by said insurance companies and in respect of certain employees, the Bank makes contributions to a fund set up for the purpose and administered by the board of trustees. The contributions are invested in specific designated instruments as permitted by Indian law. The Bank accounts for the liability for future gratuity benefits using the projected unit cost method based on an actuarial valuation done on March 31 every year.

F-38

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The following table sets out the funded status of the Gratuity Plan and the amounts recognized in the Bank's financial statements as of March 31, 2009 and March 31, 2010:

	2009	As of March 31, 2010 (In millions)	2010
<b>Change in benefit obligations:</b>			
Projected benefit obligation ( PBO ), beginning of the period	Rs. 381.0	Rs. 725.6	US\$ 16.1
PBO-Addition on account of acquisition of CBoP	214.8		
Service cost	164.3	209.9	4.7
Interest cost	46.0	58.9	1.3
Actuarial(gain)/ loss	(39.7)	46.7	1.0
Benefits paid	(40.8)	(49.1)	(1.1)
Projected benefit obligation, end of the period	725.6	992.0	22.0
<b>Change in plan assets:</b>			
Fair value of plan assets, beginning of the period	223.7	453.7	10.1
Fair value of plan assets - Addition on account of acquisition of CBoP	97.1		
Expected return on plan assets	30.9	38.9	0.9
Actuarial gains(losses)	(18.1)	74.0	1.6
Actual return on plan assets	12.8	112.9	2.5
Employer contributions	160.9		
Benefits paid	(40.8)	(49.2)	(1.1)
Fair value of plan assets, end of the period	453.7	517.4	11.5
Funded Status	Rs. (271.9)	Rs. (474.6)	US\$ (10.5)

The Bank's expected contribution to the gratuity fund for the next fiscal year is estimated at Rs. 166.9 million. The Bank which, normally paid its contribution at the end of the fiscal year, has for better administrative convenience decided since fiscal year ended March 31, 2010 to pay its contribution after the end of the fiscal year and on receipt of the actuarial report. Accordingly, Nil contribution is made during fiscal year ended March 31, 2010 as against the earlier declared expected contribution of Rs. 158.6 million. Contributions made in the first quarter of fiscal 2010-2011 were Rs. 199.5 million. The accumulated benefit obligation as of March 31, 2009 and March 31, 2010 was Rs. 399.2 million and Rs. 540.8 million respectively. The vested accumulated benefit obligation as on March 31, 2009 and March 31, 2010 was Rs.268.3 million and Rs. 418.6 million respectively.

Net gratuity cost for the years ended March 31, 2008, 2009 and 2010 was comprised of the following components:

	2008	Fiscal years ended March 31, 2009 2010 (In millions)		2010
Service cost	Rs. 46.6	Rs. 164.3	Rs. 209.9	US\$ 4.7

Edgar Filing: HDFC BANK LTD - Form 20-F

Interest cost	22.0	46.0	58.9	1.3
Expected return on plan assets	(15.6)	(31.0)	(38.8)	(0.9)
Actuarial (gain) loss	107.6	(21.6)	(27.3)	(0.6)
<b>Net gratuity cost</b>	<b>Rs. 160.6</b>	<b>Rs. 157.7</b>	<b>Rs. 202.7</b>	<b>US\$ 4.5</b>

The assumptions used in accounting for the gratuity plan are set out below:

	Fiscal years ended March 31,		
	2008	2009	2010
	(% per annum)		
Discount rate*	8.2	8.0	8.4
Rate of increase in compensation levels of covered employees	10.0	7.5	8.5
Rate of return on plan assets	8.2	8.0	8.0

\* weighted average assumptions used to determine both benefit obligations and net periodic benefit cost.

F-39



**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The rate of return on plan assets is based on historical returns, the current market conditions, anticipated future assets allocation and expected future returns. The rate of return on plan assets represents a long-term average view of the expected return.

The following benefit payments, which includes benefits attributable to expected future service, as appropriate, are expected to be paid.

<b>Year ending March 31,</b>	<b>Benefit payments (In millions)</b>	
	<b>Rs.</b>	
2011	27.3	
2012	25.0	
2013	36.1	
2014	38.3	
2015	43.8	
2016-2020	295.9	

The expected benefit payments are based on the same assumptions used to measure the Bank's benefit obligations as of March 31, 2010.

At March 31, 2009 and March 31, 2010, the fair value of plan assets as a percentage of the total was invested in the following:

The gratuity contributions of the Bank which are administered by a trust set up for the purpose are managed by two insurance companies and in respect of certain employees the funds are invested by the trust set up for the said purpose. The overall asset allocation of the gratuity fund by the two insurance companies is structured so as to provide stable earnings while still allowing for potentially higher returns through an investment in equity securities. As at March 31, 2010 the plan assets as a percentage of the total funds were as follows:

	<b>As of March 31, 2010</b>		
	<b>Funds managed by insurance company (1)*</b>	<b>Funds managed by insurance company (2)*</b>	<b>Funds managed by trust</b>
	Government securities	56%	2.9%
Debenture and bonds	36%	44.0%	63.9%
Equity securities	6%	43.8%	
Other	2%	9.3%	
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

\*Note: The data pertaining to plan investment assets measured at fair value by level and total at March 31, 2010 are provided separately

**Pension**

In respect of pensions payable to certain erstwhile CBoP employees, which are payable pursuant to a defined benefit scheme, the Bank contributes 10% of basic salary to a pension fund set up by the Bank and administered by the board of trustees and the balance amount is provided based on an actuarial valuation at the balance sheet date conducted by an independent actuary. In respect of employees who have moved to a cost to company (CTC) driven compensation structure and have completed services up to 15 years as on the date of movement to CTC driven compensation structure, any contribution made until such date, and any additional one-time contribution made for employees (who have completed more than 10 years but less than 15 years) stand frozen and will be converted into an annuity on separation after a lock-in-period of two years. Hence for this category of employees, liability stands frozen and no additional provision is required except for interest if any. In

## Edgar Filing: HDFC BANK LTD - Form 20-F

respect of employees who accepted the offer and have completed services for more than 15 years, the pension would be paid based on the employee's salary as of the date of movement to CTC driven compensation structure and a provision is made based on an actuarial valuation at the balance sheet date conducted by an independent actuary.

F-40

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The following table sets out the funded status of the pension plan and the amounts recognized in the Bank's financial statements as of March 31, 2010:

	2009	As of March 31, 2010	2010
	(In millions)		
<b>Change in benefit obligations:</b>			
Projected benefit obligation ( PBO ), beginning of the period	Rs.	Rs. 346.0	US\$ 7.7
PBO-Addition on account of acquisition of CBoP	392.9		
Service cost	14.4	12.1	0.3
Interest cost	29.6	27.3	0.6
Actuarial (gain)/loss	(44.6)	64.4	1.4
Benefits paid	(46.3)	(42.8)	(1.0)
Projected benefit obligation, end of the period	346.0	407.0	9.0
<b>Change in plan assets:</b>			
Fair value of plan assets, beginning of the period		369.0	8.2
Fair value of plan assets - Addition on account of acquisition of CBoP	139.6		
Expected return on plan assets	20.3	30.3	0.7
Actuarial gains(losses)	(33.2)	26.6	0.6
Actual return on plan assets	12.9	56.9	1.3
Employer contributions	288.6	4.6	0.1
Benefits paid	(46.3)	(42.7)	(0.9)
Fair value of plan assets, end of the period	369.0	387.8	8.7
Funded Status	Rs. 23.0	Rs. (19.2)	US\$ (0.3)

The Bank's expected contribution to the pension fund for the next fiscal year is estimated at Rs. 5.4 million. The accumulated benefit obligation as of March 31, 2009 and March 31, 2010 was Rs. 203.2 million and Rs. 248.5 million respectively. The vested accumulated benefit obligation as of March 31, 2009 and March 31, 2010 was Rs. 202.2 million and Rs. 192.8 million respectively.

Net pension cost for the year ended March 31, 2009 and March 31, 2010 was comprised of the following components:

	2009	As of March 31, 2010	2010
	(In millions)		
Service cost	Rs. 14.3	Rs. 12.1	US\$ 0.3
Interest cost	29.6	27.3	0.6
Expected return on plan assets	(20.3)	(30.3)	(0.7)
Actuarial (gain) loss	(11.3)	37.8	0.8

## Edgar Filing: HDFC BANK LTD - Form 20-F

Net pension cost	Rs. 12.3	Rs. 46.9	US\$ 1.0
------------------	----------	----------	----------

The assumptions used in accounting for the pension plan are set out below:

	Fiscal years ended March 31,	
	2009	2010
	(% per annum)	
Discount rate*	8.0	8.4
Rate of increase in compensation levels of covered employees	7.5	8.5
Rate of return on plan assets	8.0	8.0

\* weighted average assumptions used to determine both benefit obligations and net periodic benefit cost.

F-41

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The following benefit payments, which include benefits attributable to expected future service, as appropriate, are expected to be paid.

<b>Year ending March 31,</b>	<b>Benefit payments (In millions)</b>
2011	Rs. 34.2
2012	23.7
2013	41.5
2014	37.9
2015	13.9
2016-2020	162.3

The expected benefits are based on the same assumptions used to measure the Bank's benefit obligations as of March 31, 2010.

The retirement funds of a section of the employees are managed by a trust set up for the purpose. The trust essentially manages the defined retirement benefit plans belonging to certain employees. The funds are mainly invested in government securities, oil bonds and other corporate bonds. The weighted-average asset allocation of the said plan assets for the pension benefits and other benefits as at March 31, 2010 is as follows:

<b>Asset category</b>	<b>Pension Benefits</b>
Government securities	51.6%
Debenture and bonds	45.1%
Other	3.3%
Total	100%

For information on fair value measurements, including descriptions of Levels 1, 2 and 3 of the fair value hierarchy and the valuation methods employed by the Bank, see Note 31 – Fair value measurements.

Plan investment assets for gratuity funds and the pension fund measured at fair value by level and in total at March 31, 2010 are summarized in the table below.

	<b>As of March 31, 2010</b>		
	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
Funds managed by insurance company (1)	Rs.	Rs.	Rs. 170.1
Funds managed by insurance company (2)		268.4	
Funds managed by trust			
- Government securities		208.4	
- Debenture and bonds		211.5	
- Others	46.8		
<b>Total</b>	<b>Rs. 46.8</b>	<b>Rs. 688.3</b>	<b>Rs. 170.1</b>

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The table below presents a reconciliation of all Plan investment assets measured at fair value using significant unobservable inputs (Level 3) during fiscal 2010.

Particular	Funds managed by			Total
	insurance	companies	Total	
Balance as on April 1, 2009	Rs.	190.4	Rs. 190.4	US\$ 4.2
Actual return on plan assets held at reporting date		16.4	16.4	0.4
Purchases, sales and settlements		(36.7)	(36.7)	(0.8)
Transfers into/(out of) Level 3				
Balance as on March 31, 2010	Rs.	170.1	Rs. 170.1	US\$ 3.8

***Superannuation***

Eligible employees of the Bank are entitled to receive retirement benefits under the Bank's superannuation fund. The superannuation fund is a defined contribution plan under which the Bank annually contributes a sum equivalent to 13% of the employee's eligible annual salary (15% for the Managing Director, Executive Directors and for certain employees of CBoP) to the Life Insurance Corporation of India, which administers the fund. The Bank has no liability for future superannuation fund benefits other than its annual contribution, and recognizes such contributions as an expense in the year incurred. The Bank contributed Rs. 128.8 million, Rs. 181.6 million and Rs. 229.7 million to the superannuation plan for the years ended March 31, 2008, 2009 and 2010, respectively.

***Provident fund***

In accordance with Indian law, eligible employees of the Bank are entitled to receive benefits under the provident fund, a defined contribution plan in which both the employee and the Bank contribute monthly at a determined rate (currently 12% of an employee's eligible salary). These contributions are made to a fund set up by the Bank and administered by a board of trustees, except that out of the employer's contribution, an amount equal to 8.33% of the lower of employee's monthly eligible salary or Rs. 6,500, is contributed by the Bank to the Pension Scheme administered by the Regional Provident Fund Commissioner. Employees are credited with interest, which is subject to a government specified minimum rate. The Bank has no liability for future provident fund benefits other than its annual contribution and the shortfall, if any, between the government specified minimum rate and the yield on the fund's assets, and recognizes such contributions as an expense in the year incurred. The Bank contributed Rs. 439.3 million, Rs. 815.7 million, Rs. 810.8 million to the provident fund for the years ended March 31, 2008, 2009 and 2010, respectively.

***Compensated absences***

The Bank provides for unutilized leave balances standing to the credit of each employee at each balance sheet date on an actual basis.

**22. Financial instruments*****Foreign exchange and derivative contracts***

The Bank enters into forward exchange contracts, currency options, forward rate agreements, currency swaps and rupee interest rate swaps with inter-bank participants on its own account and for customers. These transactions enable customers to transfer, modify or reduce their foreign exchange and interest rate risks.

## Edgar Filing: HDFC BANK LTD - Form 20-F

Forward exchange contracts are commitments to buy or sell foreign currency at a future date at the contracted rate. Currency swaps are commitments to exchange cash flows by way of interest in one currency against another currency and exchange of principal amount at maturity based on predetermined rates. Rupee interest rate swaps are commitments to exchange fixed and floating rate cash flows in rupees. A forward rate agreement is a financial contract between two parties to exchange interest payments for a notional principal amount on settlement date, for a specified period from start date to maturity date. Forward rate agreements are agreements that give the buyer the ability to determine the underlying rate of interest for a specified period, commencing on a specified future date (the settlement date).

F-43

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The market and credit risk associated with these products, as well as the operating risks, are similar to those relating to other types of financial instruments. Market risk is the exposure created by movements in interest rates and exchange rates, during the tenure of the transaction. The extent of market risk affecting such transactions depends on the type and nature of the transaction, the value of the transaction and the extent to which the transaction is uncovered. Credit risk is the exposure to loss in the event of default by counter-parties. The extent of loss on account of a counter-party default will depend on the replacement value of the contract at the ongoing market rates.

The Bank uses its pricing models to determine fair values of its derivative financial instruments. These models use market inputs that are observable directly or indirectly.

The following table presents the aggregate notional principal amounts of the Bank's outstanding forward exchange and derivative contracts as of March 31, 2009 and March 31, 2010, together with the fair values on each reporting date.

	Notional	As of March 31, 2009			Net Fair Value
		Gross Assets	Gross Liabilities	(In millions)	
Interest rate derivatives	Rs. 1,372,747.6	Rs. 23,201.6	Rs. 25,470.5	Rs. (2,268.9)	
Forward rate agreements	4,057.6	27.2	26.9	0.3	
Currency options	135,898.8	11,441.5	5,471.5	5,970.0	
Currency swaps	20,648.1	11,892.4	10,952.4	940.0	
Forward exchange contracts	2,338,927.6	64,626.3	62,755.5	1,870.8	
<b>Total</b>	<b>Rs. 3,872,279.7</b>	<b>Rs. 111,189.0</b>	<b>Rs. 104,676.8</b>	<b>Rs. 6,512.2</b>	

  

	Notional	Gross Assets	As of March 31, 2010		Notional	Fair Value
			Gross Liabilities	Net Fair Value		
Interest rate derivatives	Rs. 2,020,529.7	Rs. 14,250.4	Rs. 15,811.2	Rs. (1,560.8)	US\$ 44,950.6	US\$ (34.7)
Forward rate agreements	1,796.0	15.0	14.9	0.1	39.9	
Currency options	372,863.7	11,833.8	12,426.1	(592.3)	8,295.1	(13.2)
Currency swaps	26,820.8	1,625.0	449.2	1,175.8	596.7	26.2
Forward exchange contracts	2,281,083.5	50,205.0	46,624.7	3,580.3	50,747.1	79.6
<b>Total</b>	<b>Rs. 4,703,093.7</b>	<b>Rs. 77,929.2</b>	<b>Rs. 75,326.1</b>	<b>Rs. 2,603.1</b>	<b>US\$ 104,629.4</b>	<b>US\$ 57.9</b>

The Bank has not designated the above contracts as accounting hedges and accordingly the contracts are recorded at fair value on the balance sheet with changes in fair value recorded in earnings. The gross assets and the gross liabilities are recorded in other assets and accrued expenses and other liabilities respectively.

The following table summarizes certain information related to Derivative amounts recognized in income.

	Non-interest revenue, net - Derivatives	
	(In millions)	
Interest rate derivatives	Rs. (93.6)	US\$ (2.1)



## Edgar Filing: HDFC BANK LTD - Form 20-F

Forward rate agreements	(0.1)	
Currency options	(6,057.5)	(134.8)
Currency swaps	419.2	9.3
Forward contracts	8,643.0	192.4
<b>Total</b>	<b>2,911.0</b>	<b>64.8</b>

### *Guarantees*

As a part of its commercial banking activities, the Bank has issued guarantees and documentary credits, such as letters of credit, to enhance the credit standing of its customers. These generally represent irrevocable assurances that the Bank will make payments in the event that the customer fails to fulfill his financial or performance obligations. Financial guarantees are obligations to pay a third party beneficiary where a customer fails to make payment towards a specified financial obligation. Performance guarantees are obligations to pay a third party beneficiary where a customer fails to perform a non-financial contractual obligation.

F-44

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The credit risk associated with these products, as well as the operating risks, is similar to those relating to other types of financial instruments.

In terms of FASB ASC 460.10 (formerly FIN No. 45 Guarantors Accounting and Disclosure Requirements for Guarantees, Including Indirect Guarantees of Indebtedness of Others) the Bank has recognized a liability of Rs. 615.6 million as of March 31, 2010 in respect of guarantees issued or modified after December 31, 2002. Based on historical trends, in terms of FASB ASC 450 (formerly SFAS No. 5 Accounting For Contingencies) the Bank has recognized a liability of Rs. 330.0 million as of March 31, 2010.

Details of guarantees and documentary credits outstanding are set out below:

	2009	As of March 31, 2010 (In millions)	2010
<b>Nominal values:</b>			
<b>Bank guarantees:</b>			
Financial guarantees	Rs. 52,526.1	Rs. 58,053.1	US\$ 1,291.5
Performance guarantees	30,426.7	40,808.9	907.9
Documentary credits	93,873.8	128,152.6	2,851.0
<b>Total</b>	<b>Rs. 176,826.6</b>	<b>Rs. 227,014.6</b>	<b>US\$ 5,050.4</b>
<b>Estimated fair values:</b>			
Guarantees	Rs. (593.7)	Rs. (615.6)	US\$ (13.7)
Documentary credits	(132.6)	(166.7)	(3.7)
<b>Total</b>	<b>Rs. (726.3)</b>	<b>Rs. (782.3)</b>	<b>US\$ (17.4)</b>

As part of its risk management activities, the Bank continuously monitors the credit-worthiness of customers as well as guarantee exposures. If a customer fails to perform a specified obligation, a beneficiary may draw upon the guarantee by presenting documents in compliance with the guarantee. In that event, the Bank makes payment on account of the defaulting customer to the beneficiary up to the full notional amount of the guarantee. The customer is obligated to reimburse the Bank for any such payment. If the customer fails to pay, the Bank liquidates any collateral held and sets off accounts; if insufficient collateral is held, the Bank recognizes a loss.

**Loan sanction letters**

The Bank issues sanction letters indicating its intent to provide new loans to certain customers. The aggregate of loans contemplated in these letters that had not yet been made was Rs. 311,204.1 million as of March 31, 2010. If the Bank were to make such loans, the interest rates would be dependent on the lending rates in effect when the loans were disbursed. The Bank has no commitment to lend under these letters. Among other things, the making of a loan is subject to a review of the creditworthiness of the customer at the time the customer seeks to borrow, at which time the Bank has the unilateral right to decline to make the loan.

**23. Estimated fair value of financial instruments**

The Bank's financial instruments include financial assets and liabilities recorded on the balance sheet, including instruments such as foreign exchange and derivative contracts. Management uses its best judgment in estimating the fair value of the Bank's financial instruments; however, there are inherent weaknesses in any estimation technique. Therefore, for substantially all financial instruments, the fair value estimates presented herein are not necessarily indicative of all the amounts the Bank could have realized in a sales transaction as of March 31, 2009 and March 31, 2010. The estimated fair value amounts as of March 31, 2009 and March 31, 2010 have been measured as of the respective year ends,

## Edgar Filing: HDFC BANK LTD - Form 20-F

and have not been re-evaluated or updated for purposes of these financial statements subsequent to those respective dates. As such, the estimated fair values of these financial instruments subsequent to the respective reporting dates may be different than the amounts reported at each year end.

F-45

---

**Table of Contents**

**HDFC BANK LIMITED AND ITS SUBSIDIARIES**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

***Financial instruments valued at carrying value:***

The respective carrying values of certain on-balance-sheet financial instruments approximated their fair value. These financial instruments include cash and amounts due from banks, interest-bearing deposits in banks, securities purchased and sold under resale and repurchase agreements, accrued interest receivable, short-term borrowings, acceptances, accrued interest payable, and certain other assets and liabilities that are considered financial instruments. Carrying values were assumed to approximate fair values for these financial instruments as they are short-term in nature and their recorded amounts approximate fair values or are receivable or payable on demand.

***Trading securities:***

Trading securities are carried at fair value based on quoted market prices. If quoted market prices did not exist, fair values were estimated using market yield on balance period to maturity on similar instruments and similar credit risk. For more information on the fair value of these securities, refer to Note 5.

***Available for sale securities:***

Available for sale investments principally comprise debt securities and are carried at fair value. Such fair values were based on quoted market prices, if available. If quoted market prices did not exist, fair values were estimated using a market yield on the balance period to maturity on similar instruments and similar credit risks. The fair values of asset backed and mortgage backed securities is estimated based on revised estimated cash flows at each balance sheet date, discounted at current market pricing for transactions with similar risk. For more information on the fair value of these securities, refer to Note 6.

***Loans:***

The fair values of consumer installment loans and other consumer loans that do not reprice frequently were estimated using discounted cash flow models. The discount rates were based on current market pricing for loans with similar characteristics and risk factors. Since substantially all individual lines of credit and other variable rate consumer loans reprice frequently, with interest rates reflecting current market pricing, the carrying values of these loans approximate their fair values.

The fair values of commercial loans that do not reprice or mature within relatively short time frames were estimated using discounted cash flow models. The discount rates were based on current market interest rates for loans with similar remaining maturities and credit ratings. For commercial loans that reprice within relatively short time frames, the carrying values approximate their fair values.

For purposes of these fair value estimates, the fair values of impaired loans were computed by deducting an estimated market discount from their carrying values to reflect the uncertainty of future cash flows.

***Deposits:***

The fair value of demand deposits, savings deposits, and money market deposits without defined maturities are the amounts payable on demand. For deposits with defined maturities, the fair values were estimated using discounted cash flow models that apply market interest rates corresponding to similar deposits and timing of maturities.

***Long-term debt:***

The fair values of the Bank's unquoted long-term debt instruments were calculated based on a discounted cash flow model. The discount rates were based on yield curves appropriate for the remaining maturities of the instruments.

***Term placements:***

## Edgar Filing: HDFC BANK LTD - Form 20-F

The fair values of term placements were estimated using discounted cash flow models. The discount rates were based on current market pricing for placements with similar characteristics and risk factors.

F-46

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

A comparison of the fair values and carrying values of financial instruments other than derivatives (see Note 22) is set out below:

	2009		As of March 31,		2010		Estimated Fair Value
	Carrying Value	Estimated Fair Value	Carrying Value	Carrying Value	Estimated Fair Value	Estimated Fair Value	
	(In millions)						
<b>Financial Assets:</b>							
Cash and cash equivalents	Rs. 171,224.4	Rs. 171,224.4	Rs. 297,558.5	US\$ 6,619.8	Rs. 297,558.5	US\$ 6,619.8	
Term placements	34,473.2	34,047.0	58,166.3	1,294.0	58,126.8	1,293.1	
Investments held for trading	35,386.2	35,386.2	28,158.8	626.4	28,158.8	626.4	
Investments available for sale	508,106.3	508,106.3	481,398.8	10,709.7	481,398.8	10,709.7	
Securities purchased under agreements to resell	25,497.2	25,497.2	20,000.0	444.9	20,000.0	444.9	
Loans	986,495.0	1,004,032.6	1,297,180.4	28,858.3	1,310,088.0	29,145.4	
Accrued interest receivable	13,251.9	13,251.9	13,767.3	306.3	13,767.3	306.3	
<b>Financial Liabilities:</b>							
Interest-bearing deposits	1,142,281.9	1,158,620.9	1,301,046.0	28,944.3	1,305,346.0	29,039.9	
Non-interest-bearing deposits	284,006.7	284,006.7	371,354.3	8,261.5	371,354.3	8,261.5	
Securities sold under repurchase agreements							
Short-term borrowings	27,237.0	27,237.0	98,165.0	2,183.9	98,165.0	2,183.9	
Accrued interest payable	33,225.3	33,225.3	19,964.2	444.1	19,964.2	444.1	
Long-term debt	67,598.8	69,755.1	75,854.4	1,687.5	78,134.1	1,738.2	

**24. Segment information**

The Bank operates in three reportable segments: wholesale banking, retail banking and treasury services. The revenue and related expense recognition policies are set out in Note 1. Substantially all operations and assets are based in India.

The retail banking segment serves retail customers through a branch network and other delivery channels. This segment raises deposits from customers and makes loans, provides credit cards and debit cards, distributes third-party financial products such as mutual funds and insurance, and provides advisory services to such customers. Revenues of the retail banking segment are derived from interest earned on retail loans, fees for banking and advisory services, profit from foreign exchange and derivative transactions and interest earned for surplus funds. Expenses of this segment are primarily comprised of interest expense on deposits, infrastructure and premises expenses for operating the branch network and other delivery channels, personnel costs, other direct overheads and allocated expenses. The Bank's retail banking loan products include loans to small and medium enterprises for commercial vehicles, construction equipment and other business purposes. Such grouping ensures optimum utilization and deployment of specialized resources in the retail banking business.

**Table of Contents**

**HDFC BANK LIMITED AND ITS SUBSIDIARIES**

**NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The wholesale banking segment provides loans and transaction services to corporate customers. Loans to small and medium enterprises for commercial vehicles, construction equipment and other business purposes are included in retail banking segment as discussed above. Revenues of the wholesale banking segment consist of interest earned on loans made to corporate customers, investment income from credit substitutes, interest earned on the cash float arising from transaction services, fees from such transaction services and profits from foreign exchange and derivative transactions with wholesale banking customers. The principal expenses of the segment consist of interest expense on funds borrowed from other segments, premises expenses, personnel costs, other direct overheads and allocated expenses.

The treasury services segment undertakes trading operations on the proprietary account, foreign exchange operations and derivatives trading both on the proprietary account and customer flows. Revenues of the treasury services segment primarily consist of fees and gains and losses from trading operations. Revenues from foreign exchange and derivative operations and customer flows are classified under the retail or wholesale segments depending on the profile of the customer.

Segment income and expenses include certain allocations.

Directly identifiable overheads are attributed to a segment at actual amounts incurred. Indirect shared costs, principally corporate office expenses, are generally allocated equally to each segment.

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

Summarized segment information for the years ended March 31, 2008, 2009 and 2010:

	Fiscal years ended March 31,							
	2008			Total		2009		
	Retail Banking	Wholesale Banking	Treasury Services		Retail Banking	Wholesale Banking	Treasury Services	
	(In millions)							
Net interest revenue	Rs. 38,103.1	Rs. 14,008.8	Rs. 2,723.8	Rs. 54,835.7	Rs. 59,013.9	Rs. 10,893.7	Rs. 2,974.3	Rs. 72,881.9
Less: Provision for credit losses	13,606.5	(238.8)		13,367.7	18,277.5	2,117.4		20,394.9
Net interest revenue, after allowance for credit losses	24,496.6	14,247.6	2,723.8	41,468.0	40,736.4	8,776.3	2,974.3	52,487.0
Non-interest revenue	17,846.2	3,792.8	(1,292.4)	20,346.6	26,353.4	6,375.6	874.0	33,603.0
Non-interest expense	(34,862.4)	(6,969.3)	(430.1)	(42,261.8)	(54,559.5)	(7,887.5)	(707.9)	(63,154.9)
Income before income tax	Rs. 7,480.4	Rs. 11,071.1	Rs. 1,001.3	Rs. 19,552.8	Rs. 12,530.3	Rs. 7,264.4	Rs. 3,140.4	Rs. 22,935.1
Segment assets:								
Segment average total assets	Rs. 507,899.8	Rs. 681,767.2	Rs. 62,429.3	Rs. 1,252,096.3	Rs. 850,977.7	Rs. 911,206.8	Rs. 89,695.1	Rs. 1,851,879.6

**Fiscal years ended March 31, 2010**

	Retail Banking	Wholesale Banking	Treasury Services	Total	Total
	(In millions)				
Net interest revenue	Rs. 70,854.6	Rs. 10,167.6	Rs. (90.9)	Rs. 80,931.3	US\$ 1,800.7
Less: Provision for credit losses	16,586.3	1,607.6		18,193.9	404.8
Net interest revenue, after allowance for credit losses	54,268.3	8,560.0	(90.9)	62,737.4	1,395.9
Non- interest revenue	30,417.4	5,565.6	6,916.7	42,899.7	954.4
Non- interest expense	(59,620.7)	(8,016.4)	(773.8)	(68,410.9)	(1,522.1)
Income before income tax	Rs. 25,065.0	Rs. 6,109.2	Rs. 6,052.0	Rs. 37,226.2	US\$ 828.2



## Edgar Filing: HDFC BANK LTD - Form 20-F

### Segment assets:

Segment average total assets	Rs. 935,427.3	Rs. 1,023,020.0	Rs. 54,682.5	Rs. 2,013,129.8	US\$ 44,786.0
------------------------------	---------------	-----------------	--------------	-----------------	---------------

The total amount of goodwill that arose from the acquisition of CBoP in the fiscal period ended March 31, 2009 was Rs. 74,937.9 million and no tax deduction is available on the said amount. The entire amount of goodwill was allocated to the retail segment.

F-49

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)****25. Commitments and contingencies**

Commitments and contingent liabilities other than for off balance sheet financial instruments (see Note 22) are as follows:

**Capital commitments**

The Bank has entered into committed capital contracts, principally for branch expansion and technology upgrades. The estimated amounts of contracts remaining to be executed on the capital account as of March 31, 2009 and March 31, 2010 aggregated Rs. 1,494.6 million and Rs. 1,628.1 million, respectively.

**Contingencies**

The Bank is party to various legal proceedings in the normal course of business. Some of the provisions of indirect tax laws that have been recently promulgated remain open to interpretations. The Bank estimates the provision for these indirect taxes since no precedents exist which could be used as points of reference. The amount of claims against the Bank which are not acknowledged as debts as of March 31, 2010 aggregated to Rs. 179.6 million (previous year Rs. 1,034.7 million). The Bank does not expect the outcome of these proceedings to have a material adverse effect on the Bank's results of operations, financial condition or cash flows. The Bank intends to vigorously defend these claims. Although the results of legal actions cannot be predicted with certainty, it is the opinion of management, after taking appropriate legal advice, that the likelihood of these claims becoming obligations of the Bank is remote and hence the resolution of these actions will not have a material adverse effect, if any, on the Bank's business, financial condition or results of operations.

**26. Related party transactions**

The Bank's principal related parties consist of HDFC Limited, its principal owner, and its associates. The Bank enters into transactions with its related parties, such as providing banking services, sharing costs and service providers, purchasing services, making joint investments, and borrowing from related parties and subletting premises. The Bank is prohibited from making loans to companies with which it has directors in common. The Bank, being an authorized dealer, deals in foreign exchange and derivative transactions with certain parties which include the principal owner and related companies. The foreign exchange and derivative transactions are undertaken in line with the RBI guidelines. The Bank's related party balances and transactions are summarized as follows:

Balances payable to related parties are as follows:

	2009			As of March 31,			Total
	Principal owner	Others	Total	Principal owner (In millions)	Others	Total	
Balances in non-interest-bearing deposits	Rs. 7,058.3	Rs. 1,127.4	Rs. 8,185.7	Rs. 9,287.9	Rs. 1,729.9	Rs. 11,017.8	US\$ 245.1
Balances in interest-bearing deposits	49.0	319.4	368.4	15,000.0	691.5	15,691.5	349.1
Accounts payable		69.3	69.3	1.5		1.5	
Total	Rs. 7,107.3	Rs. 1,516.1	Rs. 8,623.4	Rs. 24,289.4	Rs. 2,421.4	Rs. 26,710.8	US\$ 594.2

Balances receivable from related parties are as follows:

Edgar Filing: HDFC BANK LTD - Form 20-F

	2009			As of March 31, 2010			
	Principal owner	Others	Total	Principal owner (In millions)	Others	Total	Total
Loans	Rs.	Rs.	Rs.	Rs.	Rs. 43.8	Rs. 43.8	US\$ 1.0
Other assets	37.4	739.3	776.8	130.8	1,018.9	1,149.7	25.6
<b>Total</b>	<b>Rs. 37.4</b>	<b>Rs. 739.3</b>	<b>Rs. 776.8</b>	<b>Rs. 130.8</b>	<b>Rs. 1,062.7</b>	<b>Rs. 1,193.5</b>	<b>US\$ 26.6</b>

F-50

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

Purchase of fixed assets from related parties for the years ended March 31, 2009 and 2010 were Rs. 158.9 million and Rs. 20.0 million, respectively.

Included in the determination of net income are the following significant transactions with related parties:

	2008		As of March 31,			2009		2010		
	Principal owner	Others	Total	Principal owner	Others	Total	Principal owner	Others	Total	Total
Fees and commissions	Rs. 520.1	Rs. 2,441.2	Rs. 2,961.3	Rs. 557.6	Rs. 5,000.6	Rs. 5,558.2	Rs. 769.0	Rs. 5,338.8	Rs. 6,107.8	US\$ 135.9
Interest and Dividend revenue		14.1	14.1		22.1	22.1		25.8	25.8	0.6
Premises and equipment	(10.6)	(8.7)	(19.3)	(6.9)	(7.6)	(14.5)	(8.5)	(13.7)	(22.2)	(0.5)
Net expense incurred to related parties for service provided	Rs. 509.5	Rs. 2,446.6	Rs. 2,956.1	Rs. 550.7	Rs. 5,015.1	Rs. 5,565.8	Rs. 760.5	Rs. 5,350.9	Rs. 6,111.4	US\$ 136.0

Other transactions with principal owners are as follows:

During the years ended March 31, 2009 and March 31, 2010, the Bank purchased AAA rated home loans aggregating Rs. 42,421.1 million and Rs. 48,702.9 million respectively. During the years ended March 31, 2009 and March 31, 2010 the Bank assigned to HDFC Limited loans aggregating Rs. 19,615.4 million and Nil respectively comprised of Home Loans, Loans against Rent Receivables, Loans against Property and Auto/Commercial Vehicle Loans. Dividend paid to HDFC Limited for the years ended March 31, 2009 and 2010 were Rs. 445.8 million and Rs. 524.4 million respectively. The Bank also enters into foreign exchange and derivative transactions with HDFC Ltd. The notional principal amount and the mark to market gains in respect of foreign exchange and derivative contracts outstanding as of March 31, 2010 was Rs. 9,701.2 million (previous year Rs. 46,329.7 million) and Rs. 18.9 million (previous year Rs. 2,534.4 million) respectively.

On June 2, 2008 HDFC Limited subscribed to the preferential offer of 2,62,00,220 warrants convertible into 2,62,00,220 equity shares of HDFC Bank Limited at a price of Rs. 1530.13 per equity share. The allotment was in terms of the SEBI guidelines. During the year, HDFC Limited exercised its right to convert the above warrants into equity shares and the Bank received an amount of Rs. 36,080.6 million from HDFC Limited.

**27. Regulatory capital and capital adequacy**

The Bank is a banking company within the meaning of the Indian Banking Regulation Act, 1949, registered with and subject to supervision by the RBI. Failure to meet minimum capital requirements could lead to regulatory actions by the RBI that, if undertaken, could have a material effect on the Bank and its financial position. As per RBI's prudential norms on Capital adequacy under the Basel I framework (Basel I), the Bank is required to maintain a Capital to Risk weighted Asset Ratio of a minimum 9%, for both credit risk and market risk. RBI has also issued its prudential guidelines on Capital Adequacy and Market Discipline Implementation of the New Capital Adequacy Framework (Basel II). The Bank has migrated to the new framework effective March 31, 2009. Under Basel II guidelines, the Bank is required to maintain a minimum Capital to Risk-weighted Asset Ratio of 9% on an ongoing basis for credit risk, market risk and operational risk, with a minimum Tier 1 capital ratio of 6%. Further, the minimum capital maintained by the Bank as on March 31, 2010 is subject to a prudential floor, which is the higher of the following amounts:

Edgar Filing: HDFC BANK LTD - Form 20-F

- a) Minimum capital required as per the new framework (Basel II)
- b) 90% of the minimum capital required to be maintained as per the Basel I framework.

F-51

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The Bank's regulatory capital and capital adequacy ratios are measured in accordance with Indian GAAP and calculated under both the Basel I and Basel II frameworks, are as follows:

	Basel I, as of March 31,			Basel II, as of March 31,		
	2009	2010	2010	2009	2010	2010
	(In millions)			(In millions)		
Tier 1 capital	Rs. 136,902.8	Rs. 205,488.5	US\$ 4,571.5	Rs. 136,902.8	Rs. 205,488.5	US\$ 4,571.5
Tier 2 capital	66,049.2	64,919.4	1,444.3	66,049.2	64,919.4	1,444.3
<b>Total capital</b>	<b>Rs. 202,952.0</b>	<b>Rs. 270,407.9</b>	<b>US\$ 6,015.8</b>	<b>Rs. 202,952.0</b>	<b>Rs. 270,407.9</b>	<b>US\$ 6,015.8</b>
Total risk weighted assets and contingents	Rs. 1,345,307.5	Rs. 1,643,327.7	US\$ 36,559.0	Rs. 1,293,826.8	Rs. 1,549,830.1	US\$ 34,479.0
<b>Capital ratios of the Bank:</b>						
Tier 1	10.18%	12.50%	12.50%	10.58%	13.26%	13.26%
Total capital	15.09%	16.45%	16.45%	15.69%	17.44%	17.44%
<b>Minimum capital ratios required by the RBI:</b>						
Tier 1	4.50%	4.50%	4.50%	6.00%	6.00%	6.00%
Total capital	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%

**Dividends**

Any dividends declared by the Bank are based on the profit available for distribution as reported in the statutory financial statements of the Bank prepared in accordance with Indian GAAP. Additionally, the Banking Regulation Act and related regulations require the Bank to transfer 25% of its Indian GAAP profit after tax to a non-distributable statutory reserve and to meet certain other conditions in order to pay dividends without prior RBI approval. As per the RBI guidelines, the dividend payout (excluding dividend tax) for March 31, 2010 cannot exceed 35% of net income of Rs. 29,487.0 million as calculated under Indian GAAP. Accordingly, the net income reported in these financial statements may not be fully distributable in that year. Dividends declared for the years ended March 31, 2008, 2009 and 2010 were Rs. 8.50, Rs. 10.00 and Rs. 12.00 per equity share, respectively.

**28. Earnings per equity share**

A reconciliation of the equity shares used in the computation of basic and diluted earnings per equity share has been provided below. Potential equity shares in the nature of warrants with average outstanding balances of 26.2 million and 17.4 million were excluded from the calculation of diluted earnings per share for the periods ended March 31, 2009 and March 31, 2010 respectively as these were anti-dilutive for the period. These warrants were exercised during the year and were not outstanding at the period end. Potential equity shares in the nature of ESOPs with average outstanding balance of 10.7 million and 4.5 million were excluded from the calculation of diluted earnings per share for the periods ended March 31, 2009 and March 31, 2010 respectively as these were anti-dilutive for the periods.

	2008	As of March 31, 2009	2010
Weighted average number of equity shares used in computing basic earnings per equity share	344,020,927	414,974,558	436,439,573

## Edgar Filing: HDFC BANK LTD - Form 20-F

Effect of potential equity shares for stock options outstanding	4,402,894	2,117,875	5,409,105
Weighted average number of equity shares used in computing diluted earnings per equity share	348,423,821	417,092,433	441,848,678

For the purpose of determining the weighted average number of equity shares outstanding, the Bank treats cash received from optionees who exercise their option as issued equity shares even if the administrative formalities to allocate equity shares have not been completed.

F-52

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The following are reconciliations of basic and diluted earnings per equity share and earnings per ADS:

	2008	Fiscal years ended March 31,		2010
		2009	2010	
Basic earnings per share	Rs. 38.24	Rs. 36.40	Rs. 56.30	US\$ 1.25
Effect of potential equity shares for stock options outstanding	0.49	0.19	0.69	0.01
<b>Diluted earnings per share</b>	<b>Rs. 37.75</b>	<b>Rs. 36.21</b>	<b>Rs. 55.61</b>	<b>US\$ 1.24</b>
Basic earnings per ADS	Rs. 114.72	Rs. 109.20	Rs. 168.90	US\$ 3.76
Effect of potential equity shares for stock options outstanding	1.47	0.57	2.07	0.05
<b>Diluted earnings per ADS</b>	<b>Rs. 113.25</b>	<b>Rs. 108.63</b>	<b>Rs. 166.83</b>	<b>US\$ 3.71</b>

**29. Subsidiaries**

HDB Financial Services Limited (HDBFSL) is a non-banking financial company and a subsidiary of the Bank. As at March 31, 2010, the stake-holding of the Bank in HDBFSL was 95.43%. The financial statements of HDBFSL are consolidated.

HDFC Securities Ltd. (HSL) offers trading facilities in a range of equity, fixed income and derivative products to its clients. As at March 31, 2010 the Bank holds a 64.53% effective equity interest. The financial statements of HSL are consolidated.

Atlas Documentary Facilitators Company Private Ltd (ADFC) specializes in back-office processing. The Bank regularly transacts business with ADFC. As on March 31, 2010, HDFC Bank Ltd. and its subsidiaries hold 46.54% of the equity interests of ADFC. Members of the Bank's management team as well as other employees also hold a stake in the equity share capital. The financial statements of ADFC are consolidated.

HBL Global Private Ltd (HBL) is a subsidiary of ADFC which holds 98.0% of its equity. HBL provides direct sales support for certain products of the Bank. The financial statements of HBL are consolidated.

**30. Investments in Affiliates**

The Bank frequently partners with other HDFC group companies when making investments. The Bank currently has two strategic investments in which HDFC group companies are co-investors. Without the prior approval of the RBI, the Bank cannot hold more than a 30% equity stake in another company. The following is a list of investments in affiliates:

Company	Type of Business	HDFC Bank Ltd. and Subsidiaries Investment (in millions)	HDFC Bank Ltd. and Subsidiaries Ownership	Total HDFC Group Ownership
Computer Age Management Services Private Limited (CAMS)	Unit capital accounting and transfer agency services	Rs. 11.1	16.1%	31.2%
Softcell Technologies Limited (Softcell)	Business-to-business software services	Rs. 30.3	14.0%	26.0%



## Edgar Filing: HDFC BANK LTD - Form 20-F

International Asset Reconstruction Company Private Limited	Business of securitization and asset reconstruction	Rs.	311.7	29.4%	29.4%
Centillion Solutions and Services Private Limited	Business of back office support services	Rs.	1.5	29.9%	29.9%

*\* Note: During the fiscal 2010, we sold our entire stake held in SolutionNet and it ceased to be our affiliate.*

The holdings in the above listed companies are accounted for under the equity method of accounting. The increase in the carrying value in these companies was Rs. 60.6 million in fiscal 2010 (previous year Rs. 52.4 million). This is accounted under non-interest revenue - other, net.

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)****31. Fair value measurement**

FASB Accounting Standards Codification ASC 820 (Topic 820) Fair Value Measures and Disclosures (formerly SFAS No. 157), defines fair value, establishes a framework for measuring fair value in US GAAP, and expands disclosures about fair value measurements. The valuation hierarchy is based upon the transparency of inputs to the valuation of an asset or liability as of the measurement date. The three levels are defined as follows:

<b>Level of input</b>	<b>Definition</b>
Level 1	Unadjusted quoted market prices in active markets that are accessible at the measurement date for identical unrestricted assets or liabilities.
Level 2	Quoted prices for similar assets and liabilities in active markets, and inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the financial instrument.
Level 3	Inputs that are both significant to the fair value measurement and unobservable (i.e. supported with little or no market activity).

The following is a description of the valuation methodologies used for instruments measured at fair value, as well as the general classification of such instruments pursuant to the valuation hierarchy. These valuation methodologies were applied to all of the Bank's financial assets and financial liabilities carried at fair value. In general, fair value is based upon quoted market prices, where available. If such quoted market prices are not available, fair value is based upon internally developed models that primarily use, as inputs, observable market-based parameters. Valuation adjustments may be made to ensure that financial instruments are recorded at fair value. These adjustments may include amounts to reflect counterparty credit quality and the Bank's creditworthiness, among other things, as well as unobservable parameters. Any such valuation adjustments are applied consistently over time.

**I. Financial assets and financial liabilities measured at fair value on a recurring basis:**

**Available for Sale Securities:** Available for sale investments are principally comprised of debt securities and are carried at fair value. Such fair values were based on quoted market prices, if available. If quoted market prices did not exist, fair values were estimated using the market yield on the balance period to maturity on similar instruments and similar credit risks. The fair values of asset-backed and mortgage-backed securities is estimated based on revised estimated cash flows at each balance sheet date, discounted at current market pricing for transactions with similar risk.

**Trading Securities:** Trading securities are carried at fair value based on quoted market prices or market observable inputs.

**Held to maturity securities:** There were no HTM securities as of March 31, 2009 and March 31, 2010.

The following table summarizes investments measured at fair value on a recurring basis as of March 31, 2009, segregated by the level of the valuation inputs within the fair value hierarchy utilized to measure fair value:

<b>Particulars</b>	<b>Total</b>	<b>Fair Value Measurements Using</b>		
		<b>Quoted Prices In Active Markets for Identical Assets (Level 1)</b>	<b>Significant other observable inputs (Level 2)</b>	<b>Significant unobservable inputs (Level 3)</b>

Edgar Filing: HDFC BANK LTD - Form 20-F

1)

(In millions)

Trading account securities	Rs. 35,386.2	Rs. 47.5	Rs. 35,338.7	Rs.	
Securities Available-for-Sale	508,106.3	13.5	492,847.8		15,245.0
<b>Total</b>	<b>Rs. 543,492.5</b>	<b>Rs. 61.0</b>	<b>Rs. 528,186.5</b>	<b>Rs.</b>	<b>15,245.0</b>

F-54

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

The following table summarizes investments measured at fair value on a recurring basis as of March 31, 2010, segregated by the level of the valuation inputs within the fair value hierarchy utilized to measure fair value:

Particulars	Total	Fair Value Measurements Using		
		Quoted Prices In Active Markets for Identical Assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)
(In millions)				
Trading account securities	Rs. 28,158.8	Rs. 521.8	Rs. 27,637.0	Rs. 642.8
Securities Available-for-Sale	481,398.8	484.7	480,271.3	642.8
<b>Total</b>	Rs. 509,557.6	Rs. 1,006.5	Rs. 507,908.3	Rs. 642.8
	US\$ 11,336.1	US\$ 22.4	US\$ 11,299.4	US\$ 14.3

The below table summarizes the movement in investments classified as level 3 for fiscal 2009:

Particular	Trading account securities	Securities Available-for-Sale	Total
Balance as on April 1, 2008	Rs. 3,795.1	Rs. 12,382.4	Rs. 16,177.5
Addition on account of acquisition of CBoP		124.6	124.6
Total gain/losses	205.2	669.2	874.4
-out of total gain/losses above included in income statement	205.2 <sup>1</sup>	667.9 <sup>2</sup>	873.1
-out of total gain/losses above included in other comprehensive income		1.3	1.3
Additions/(sale)/(transfer) (net)	(4,000.3)	2,068.8	(1,931.5)
Transfer in/out of level 3			
Balance as on March 31, 2009	Rs. 15,245.0	Rs. 15,245.0	Rs. 15,245.0

Note: <sup>1</sup> Amounts included in earnings out of total gain/losses included in income statement are reported in income statement under non-interest revenue, trading securities.

<sup>2</sup> Amounts included in earnings out of total gain/losses included in income statement are reported in income statement under interest and dividend revenue, available for sales securities and non-interest revenue, realized gain (losses) on sales of available for sale securities.

The below table summarizes the movement in investments classified as level 3 for fiscal 2010:

Particular	Trading account securities	Securities Available-for-sale	Total	Total
Balance as on April 1, 2009	Rs. 15,245.0	Rs. 15,245.0	Rs. 15,245.0	US\$ 339.3
Total gain/losses		118.2	118.2	2.6
-out of total gain/losses above included in income statement		118.4 <sup>1</sup>	118.4	2.6

## Edgar Filing: HDFC BANK LTD - Form 20-F

-out of total gain/losses above included in other comprehensive income			(0.2)		(0.2)		
Additions/(sale)/(transfer) (net)			(14,720.4)		(14,720.4)		(327.6)
Transfer in/out of level 3							
Balance as on March 31, 2010	Rs.	Rs.	642.8	Rs.	642.8	US\$	14.3

Note: <sup>1</sup> Amounts included in earnings out of total gain/losses included in income statement are reported in income statement under interest and dividend revenue, available for sale securities and non-interest revenue, realized gain (losses) on sales of available for sale securities, net.

F-55

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

Derivatives: The Bank enters into forward exchange contracts, currency options, forward rate agreements, currency swaps and rupee interest rate swaps with inter-bank participants on its own account and for customers. These transactions enable customers to transfer, modify or reduce their foreign exchange and interest rate risks. Forward exchange contracts are commitments to buy or sell foreign currency at a future date at the contracted rate. Currency swaps are commitments to exchange cash flows by way of interest in one currency against another currency and exchange of principal amount at maturity based on predetermined rates. Rupee interest rate swaps are commitments to exchange fixed and floating rate cash flows in Rupees.

The Bank uses its pricing models to determine the fair value of its derivative instruments. These models use market inputs that are observable directly or indirectly.

The following table summarizes derivative instruments measured at fair value on a recurring basis as of March 31, 2009, segregated by the level of the valuation inputs within the fair value hierarchy utilized to measure fair value:

Particulars	Total	Fair Value Measurements Using		
		Quoted Prices In Active Markets for Identical Assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)
Derivative assets	111,189.0		111,189.0	
Derivative liabilities	104,676.8		104,676.8	

The following table summarizes derivative instruments measured at fair value on a recurring basis as of March 31, 2010, segregated by the level of the valuation inputs within the fair value hierarchy utilized to measure fair value:

Particulars	Total	Fair Value Measurements Using		
		Quoted Prices In Active Markets for Identical Assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)
Derivative assets	77,929.2		77,929.2	
Derivative liabilities	75,326.1		75,326.1	

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)****32. Goodwill and other intangible assets**

The Goodwill arising from a business combination is tested on an annual basis for impairment in accordance with US GAAP. There were no changes in the carrying amount of goodwill of Rs. 74,937.9 million for the year ended March 31, 2009 and the year ended March 31, 2010. The table below presents the gross carrying amount, accumulated amortization and net carrying amount, in total and by major class of intangible assets at March 31, 2009 and March 31, 2010:

	As of March 31, 2009			Gross carrying amount (In millions)	As of March 31, 2010		Net carrying Amount
	Gross carrying amount	Accumulated amortization	Net carrying amount		Accumulated amortization	Net carrying Amount	
Branch network	Rs. 8,335.0	Rs. 1,190.4	Rs. 7,144.6	Rs. 8,335.0	Rs. 2,578.9	Rs. 5,756.1	US\$ 128.1
Customer relationship	2,710.0	1,161.9	1,548.1	2,710.0	2,517.0	193.0	4.3
Core deposit	4,414.0	756.7	3,657.3	4,414.0	1,638.6	2,775.4	61.7
Favorable leases	543.0	162.0	381.0	543.0	306.0	237.0	5.3
<b>Total</b>	<b>Rs. 16,002.0</b>	<b>Rs. 3,271.0</b>	<b>Rs. 12,731.0</b>	<b>Rs. 16,002.0</b>	<b>Rs. 7,040.5</b>	<b>Rs. 8,961.5</b>	<b>US\$ 199.4</b>

The estimated amortization expense for intangible assets is given in the table below:

	As of March 31, 2010	
	(in millions)	
To be amortized during the twelve months ending March 31:		
2011	Rs. 2,558.6	US\$ 56.9
2012	2,328.9	51.8
2013	2,304.5	51.3
2014	1,538.5	34.2
2015	219.0	4.9

**Table of Contents**

**SIGNATURES**

The registrant hereby certifies that it meets all of the requirements for filing on Form 20-F and that it has duly caused and authorized the undersigned to sign this annual report on its behalf.

HDFC Bank Limited

Name: /s/ Sashi Jagdishan  
Title: Sashi Jagdishan  
Head Finance

Date: September 30, 2010



**Table of Contents**

**EXHIBIT INDEX**

<b>Exhibit No.</b>	<b>Description of Document</b>
1.1	HDFC Bank Memorandum of Association, as amended (incorporated by reference to HDFC Bank Limited's Registration Statement on Form F-1 filed on July 12, 2001 (Registration No. 333-13718)
1.2	HDFC Bank Articles of Association, as amended (incorporated by reference to HDFC Bank Limited's Registration Statement on Form F-1 filed on July 12, 2001 (Registration No. 333-13718)
1.3	Amendment to Memorandum and Articles of Association (incorporated herein by reference to HDFC Bank Limited's Annual Report on Form 20-F filed on September 29, 2008).
2.1	Deposit Agreement among HDFC Bank, JPMorgan Chase Bank, N.A. and the holders from time to time of American Depositary Receipts issued thereunder (including as an exhibit, the form of American Depositary Receipt) (incorporated herein by reference to HDFC Bank Limited's Registration Statement on Form F-1 filed on July 12, 2001 (Registration No. 333-13718)
2.2	HDFC Bank's Specimen Certificate for Equity Shares (incorporated herein by reference to HDFC Bank Limited's Registration Statement on Form F-1 filed on July 12, 2001 (Registration No. 333-13718)
4.1	Scheme of Amalgamation of Centurion Bank of Punjab Limited with HDFC Bank Limited (incorporated herein by reference to HDFC Bank Limited's Annual Report on Form 20-F filed on September 29, 2008).
12.1	Certification of the Managing Director pursuant to Rule 13a-14(b)
12.2	Certification of the Chief Financial Officer of HDFC Bank pursuant to Rule 13a-14(b)
13	Certifications by the Managing Director and Chief Financial Officer required by Rule 13a-14(b) and Section 1350 of Chapter 63 of Title 18 of the United States Code

HDFC Bank Limited agrees to furnish to the Securities and Exchange Commission upon its request, the instruments relating to the long-term debt for securities authorized thereunder that do not exceed 10% of HDFC Bank Limited's total assets.

101***	Instance Document
101***	Schema Document
101***	Calculation Linkbase Document
101***	Definition Linkbase Document
101***	Labels Linkbase Document
101***	Presentation Linkbase Document

\*\*\* XBRL (Extensible Business Reporting Language) information is furnished and not filed or a part of a registration statement or prospectus for purposes of Sections 11 or 12 of the Securities Act of 1933, is deemed not filed for purposes of Section 18 of the Securities Exchange Act of 1934, and otherwise is not subject to liability under these sections.