

HDFC BANK LTD  
Form 6-K  
May 10, 2012  
Table of Contents

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**Form 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER**  
**PURSUANT TO RULE 13a-16 OR 15d-16**  
**UNDER THE SECURITIES EXCHANGE ACT OF 1934**

For the month of May 2012

Commission File Number 001-15216

**HDFC BANK LIMITED**

(Translation of registrant's name into English)

HDFC Bank House, Senapati Bapat Marg, Lower Parel, Mumbai. 400 013, India

# Edgar Filing: HDFC BANK LTD - Form 6-K

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F       Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b) (1):

Yes       No

**Note:** Regulation S-T Rule 101(b) (1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b) (7):

Yes       No

**Note:** Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's home country), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934. Yes  No

If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- Not Applicable.

**Table of Contents**

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

HDFC BANK LIMITED  
(Registrant)

Date: May 10, 2012

By /s/ Sashi Jagdishan  
Name: Sashi Jagdishan  
Title: Group Head-Finance

\* Print the name and title under the signature of the signing officer.

**Table of Contents**

EXHIBIT INDEX

The following documents (bearing the exhibit number listed below) are furnished herewith and are made a part of this Report pursuant to the General Instructions for Form 6-K.

Exhibit I

Description

Financial Statements of HDFC Bank Limited prepared in accordance with US GAAP as of and for the six month periods ended September 30, 2010 and 2011.

**Table of Contents**

**Exhibit I**

**INDEX TO FINANCIAL STATEMENTS**

	<b>Page</b>
<b>Condensed Consolidated Financial Statements of HDFC Bank Limited and its Subsidiaries:</b>	
<u>Condensed consolidated balance sheets as of March 31, 2011 and September 30, 2011</u>	F-2
<u>Condensed consolidated statements of income for the six-month periods ended September 30, 2010 and 2011</u>	F-3
<u>Condensed consolidated statements of cash flows for the periods ended September 30, 2010 and 2011</u>	F-4
<u>Condensed consolidated statements of shareholders' equity for the periods ended September 30, 2010 and 2011</u>	F-6
<u>Notes to condensed consolidated financial statements</u>	F-8

F-1

**Table of Contents**

**HDFC BANK LIMITED AND ITS SUBSIDIARIES**  
**CONDENSED CONSOLIDATED BALANCE SHEETS**

	March 31, 2011	As of September 30, 2011 (unaudited)	September 30, 2011 (unaudited)	
	(In millions, except number of shares)			
<b>ASSETS:</b>				
Cash and cash equivalents	Rs. 288,902.1	Rs. 227,046.3	US\$ 4,628.9	
Term placements	102,049.4	114,307.5	2,330.4	
Investments held for trading, at fair value	38,216.9	75,681.0	1,542.9	
Investments available for sale, at fair value (includes restricted investments of Rs. 535,694.2 and Rs. 507,377.5 (US\$ 10,344.1 ), respectively)	628,704.9	726,472.7	14,810.9	
Loans (net of allowance of Rs. 25,894.3 and Rs. 29,816.9 (US\$ 607.9 ), respectively)	1,622,856.0	1,913,091.8	39,002.9	
Accrued interest receivable	19,752.6	23,084.6	470.6	
Property and equipment, net	22,881.2	22,966.9	468.2	
Intangible assets, net	6,402.9	5,237.2	106.8	
Goodwill	74,937.9	74,937.9	1,527.8	
Other assets	115,532.4	194,125.2	3,957.6	
<b>Total Assets</b>	<b>Rs. 2,920,236.3</b>	<b>Rs. 3,376,951.1</b>	<b>US\$ 68,847.0</b>	

**LIABILITIES AND SHAREHOLDERS EQUITY:****Liabilities:**

Interest-bearing deposits	Rs. 1,619,283.6	Rs. 1,904,154.0	US\$ 38,820.7	
Non-interest-bearing deposits	462,845.4	400,096.8	8,156.9	
<b>Total deposits</b>	<b>2,082,129.0</b>	<b>2,304,250.8</b>	<b>46,977.6</b>	
Securities sold under repurchase agreements	60,000.0	127,000.0	2,589.2	
Short-term borrowings	76,686.7	95,546.1	1,947.9	
Accrued interest payable	27,746.0	41,885.9	853.9	
Long-term debt	93,287.2	160,495.2	3,272.1	
Accrued expenses and other liabilities	232,557.6	287,872.6	5,869.0	
<b>Total Liabilities</b>	<b>Rs. 2,572,406.5</b>	<b>Rs. 3,017,050.6</b>	<b>US\$ 61,509.7</b>	

Commitments and contingencies (see note 13)

**Shareholders equity:**

Equity shares: par value Rs. 2.0 each; authorized 2,750,000,000 shares; issued and outstanding 2,326,128,420 shares and 2,338,312,130 shares, as of March 31, 2011 and September 30, 2011, respectively	Rs. 4,652.2	Rs. 4,676.6	US\$ 95.3	
Additional paid-in capital	235,377.9	240,271.5	4,898.5	
Retained earnings	71,946.1	83,001.6	1,692.2	
Statutory reserve	40,228.0	40,228.0	820.1	
Accumulated other comprehensive income (loss)	(5,712.5)	(9,651.6)	(196.8)	
<b>Total HDFC Bank Limited shareholders equity</b>	<b>346,491.7</b>	<b>358,526.1</b>	<b>7,309.3</b>	
Noncontrolling interest in subsidiaries	1,338.1	1,374.4	28.0	

Edgar Filing: HDFC BANK LTD - Form 6-K

Total shareholders equity	347,829.8	359,900.5	7,337.3
Total liabilities and shareholders equity	Rs. 2,920,236.3	Rs. 3,376,951.1	US\$ 68,847.0

See accompanying notes to condensed consolidated financial statements

F-2

**Table of Contents**

**HDFC BANK LIMITED AND ITS SUBSIDIARIES**  
**CONDENSED CONSOLIDATED STATEMENTS OF INCOME**  
**(Unaudited)**

	Six months ended Sept, 30,		
	2010	2011	2011
	(In millions)		
<b>Interest and dividend revenue:</b>			
Loans	Rs. 70,316.1	Rs. 97,153.2	US\$ 1,980.8
Trading securities	1,682.3	1,946.9	39.7
Available for sale securities	18,442.8	26,452.4	539.3
Other	2,259.5	3,878.0	79.1
<b>Total interest and dividend revenue</b>	<b>92,700.7</b>	<b>129,430.5</b>	<b>2,638.9</b>
<b>Interest expense:</b>			
Deposits	37,848.5	58,634.2	1,195.4
Short-term borrowings	1,191.7	5,207.2	106.2
Long-term debt	4,185.5	6,063.2	123.6
Other	20.4	102.8	2.1
<b>Total interest expense</b>	<b>43,246.1</b>	<b>70,007.4</b>	<b>1,427.3</b>
<b>Net interest revenue</b>	<b>49,454.6</b>	<b>59,423.1</b>	<b>1,211.6</b>
Provision for credit losses	3,902.7	6,897.5	140.6
<b>Net interest revenue after provision for credit losses</b>	<b>45,551.9</b>	<b>52,525.6</b>	<b>1,071.0</b>
<b>Non-interest revenue, net:</b>			
Fees and commissions	18,114.9	19,980.5	407.3
Trading securities gain/(loss), net	(675.9)	(463.7)	(9.5)
Realized gain/(loss) on sales of available for sale securities, net	415.1	(193.3)	(3.9)
Other than temporary impairment losses on available for sale securities	(49.3)	(487.9)	(9.9)
Foreign exchange transactions	7,494.0	7,550.9	153.9
Derivatives gain/(loss), net	(3,984.5)	(3,491.5)	(71.2)
Other, net	75.7	115.0	2.3
<b>Total non-interest revenue, net</b>	<b>21,390.0</b>	<b>23,010.0</b>	<b>469.0</b>
<b>Total revenue, net</b>	<b>66,941.9</b>	<b>75,535.6</b>	<b>1,540.0</b>
<b>Non-interest expense:</b>			
Salaries and staff benefits	18,380.6	21,898.9	446.5
Premises and equipment	6,005.4	7,687.1	156.7



Edgar Filing: HDFC BANK LTD - Form 6-K

Depreciation and amortization	2,263.5	2,555.1	52.1
Administrative and other	10,703.4	11,969.3	244.0
Amortization of intangible assets	1,378.8	1,165.7	23.8
Total non-interest expense	38,731.7	45,276.1	923.1
Income before income tax expense	28,210.2	30,259.5	616.9
Income tax expense	9,749.8	10,168.6	207.3
Net income before noncontrolling interest	Rs. 18,460.4	Rs. 20,090.9	US\$ 409.6
Less: Net income attributable to noncontrolling interest	157.9	82.1	1.7
Net income attributable to HDFC Bank Limited	Rs. 18,302.5	Rs. 20,008.8	US\$ 407.9
Per share information:			
Earnings per equity share basic	Rs. 7.96	Rs. 8.58	US\$ 0.18
Earnings per equity share diluted	Rs. 7.85	Rs. 8.50	US\$ 0.17
Per ADS information (where 1 ADS represents 3 shares):			
Earnings per ADS basic	Rs. 23.89	Rs. 25.74	US\$ 0.53
Earnings per ADS diluted	Rs. 23.54	Rs. 25.50	US\$ 0.52

See accompanying notes to condensed consolidated financial statements

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS****(Unaudited)**

	Six months ended September 30,		
	2010	2011	2011
	(in millions)		
<b>Cash flows from operating activities:</b>			
Net income before noncontrolling interest	Rs. 18,460.4	Rs. 20,090.9	US\$ 409.6
Adjustment to reconcile net income to net cash provided by operating activities			
Provision for credit losses	3,902.7	6,897.5	140.6
Depreciation and amortization	2,263.5	2,555.1	52.1
Amortization of intangibles	1,378.8	1,165.7	23.8
Amortization of deferred acquisition costs	1,818.3	2,061.4	42.0
Amortization of premium (discount) on investments	1,057.1	216.2	4.4
Other than temporary impairment of investment	49.3	487.9	9.9
Provision for deferred income taxes	(766.5)	(1,114.8)	(22.7)
Share-based compensation expense	1,835.4	1,883.3	38.4
Net realized (gain) loss on sale of available for sale securities	(415.1)	193.3	3.9
(Gain) loss on disposal of property and equipment, net	(22.6)	(2.8)	(0.1)
Exchange (gain) loss	1,080.4	(2,840.7)	(57.9)
Net change in:			
Investments held for trading	10,454.3	(37,464.1)	(763.8)
Accrued interest receivable	(514.6)	(3,325.0)	(67.8)
Other assets	14,170.0	(75,909.2)	(1,547.6)
Accrued interest payable	10,084.1	14,136.7	288.2
Accrued expense and other liabilities	(50,750.0)	60,498.5	1,233.5
Net cash provided by operating activities	14,085.5	(10,470.1)	(213.5)
<b>Cash flows from investing activities:</b>			
Net change in term placements	(7,895.7)	(12,354.3)	(251.9)
Net change in available for sale securities	(81,411.0)	(104,485.4)	(2,130.2)
Net change in repurchase options and reverse repurchase options	22,988.9	67,000.0	1,366.0
Loans purchased	(23,422.9)	(19,888.5)	(405.5)
Repayments on loans purchased	16,029.7	20,193.7	411.7
Increase in loans originated, net of principal collections	(298,525.9)	(296,918.4)	(6,053.4)
Additions to property and equipment	(2,476.6)	(2,847.1)	(58.0)
Proceeds from sale or disposal of property and equipment	60.4	18.8	0.4
Net cash used in investing activities	(374,653.1)	(349,281.2)	(7,120.9)



**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Continued)****(Unaudited)**

	2010	2011	2011
<b>Cash flows from financing activities:</b>			
Net increase in deposits	278,561.7	217,124.9	4,426.6
Net increase (decrease) in short-term borrowings	(22,552.9)	17,447.9	355.7
Proceeds from issue of shares by a subsidiary to noncontrolling interests		3.0	0.1
Proceeds from issuance of long-term debt	12,657.5	69,069.5	1,408.1
Repayment of long-term debt	(1,067.9)	(1,991.8)	(40.6)
Proceeds from issuance of equity shares for options exercised	5,224.1	2,985.9	60.9
Payment of dividends and dividend tax	(6,440.4)	(8,953.3)	(182.5)
<b>Net cash provided by financing activities</b>	<b>266,382.1</b>	<b>295,686.1</b>	<b>6,028.3</b>
Effect of exchange rate changes on cash and cash equivalents	(368.8)	2,209.4	45.0
<b>Net change in cash and cash equivalents</b>	<b>(94,554.3)</b>	<b>(61,855.8)</b>	<b>(1,261.1)</b>
Cash and cash equivalents, beginning of year	297,558.5	288,902.1	5,890.0
<b>Cash and cash equivalents, end of year</b>	<b>Rs. 203,004.2</b>	<b>Rs. 227,046.3</b>	<b>US\$ 4,628.9</b>
<b>Supplementary cash flow information:</b>			
Interest paid	Rs. 33,162.7	Rs. 55,867.5	US\$ 1,139.0
Income taxes paid	Rs. 9,735.9	Rs. 12,950.1	US\$ 264.0
<b>Non-cash investment activities</b>			
Payable for purchase of property and equipment	Rs. 169.4	Rs. 343.7	US\$ 7.0
	See accompanying notes to condensed consolidated financial statements		

**Table of Contents****HDFC BANK LIMITED AND ITS SUBSIDIARIES****CONDENSED CONSOLIDATED STATEMENTS OF SHAREHOLDERS EQUITY****(Unaudited)**

	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, 2010	2,288,716,360	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	
Shares issued on exercise of options	24,307,890	48.6	5,175.5				5,224.1		5,224.1	
Acquisition of shares of subsidiaries			(11.3)				(11.3)	11.3		
Share-based compensation			1,835.4				1,835.4		1,835.4	
Dividends, including dividend tax				(6,440.4)			(6,440.4)		(6,440.4)	
Transfer to statutory reserve				(20.0)	20.0					
Other income				18,302.5			18,302.5	157.9	18,460.4	Rs. 18,460.4
Realized gain classified to earnings [net of Rs.(278.9)]						(560.8)	(560.8)		(560.8)	(560.8)
Change in the realized gain available for securities, net of tax [Rs.(1,911.2)]						(3,845.5)	(3,845.5)		(3,845.5)	(3,845.5)
Foreign currency translation reserve						(28.3)	(28.3)		(28.3)	(28.3)
Comprehensive income										<b>Rs. 14,025.8</b>
Comprehensive income attributable to HDFC Bank Limited										Rs. 13,867.1
Comprehensive income attributable to noncontrolling										157.7

rest

al  
prehensive  
ome

Rs. 14,025

ance at  
tember 30,

0 2,313,024,250 Rs. 4,626.0 Rs. 230,784.5 Rs. 58,901.2 Rs. 30,379.0 Rs. (4,633.3) Rs. 320,057.4 Rs. 1,041.7 Rs. 321,099.1

See accompanying notes to consolidated financial statements

F-6

**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) (In millions, except for equity shares)	Total HDFC Bank Limited Shareholders Equity	Noncontrolling interest	Total Shareholders Equity	Comprehensive income
011	2,326,128,420	Rs. 4,652.2	Rs. 235,377.9	Rs. 71,946.1	Rs. 40,228.0	Rs. (5,712.5)	Rs. 346,491.7	Rs. 1,338.1	Rs. 347,829.8	
d e of	12,183,710	24.4	2,961.5				2,985.9		2,985.9	
n			1,883.3				1,883.3		1,883.3	
				(8,953.3)			(8,953.3)		(8,953.3)	
			48.8				48.8	(48.8)		
d to ling								3.0	3.0	
				20,008.8			20,008.8	82.1	20,090.9	Rs. 20,090.9
o t of 7]						(644.8)	(644.8)		(644.8)	(644.8)
ne et						(3,435.5)	(3,435.5)		(3,435.5)	(3,435.5)
es, s.						141.2	141.2		141.2	141.2
ive										Rs. 16,151.8
ive										
o t										

ive  
o  
ing

ive

R

30,

2,338,312,130	Rs.	4,676.6	Rs.	240,271.5	Rs.	83,001.6	Rs.	40,228.0	Rs.	(9,651.6)	Rs.	358,526.1	Rs.	1,374.4	Rs.	359,900.5
---------------	-----	---------	-----	-----------	-----	----------	-----	----------	-----	-----------	-----	-----------	-----	---------	-----	-----------

30,

2,338,312,130	US\$	95.3	US\$	4,898.5	US\$	1,692.2	US\$	820.1	US\$	(196.8)	US\$	7,309.3	US\$	28.0	US\$	7,337.3	US\$	329.3
---------------	------	------	------	---------	------	---------	------	-------	------	---------	------	---------	------	------	------	---------	------	-------

See accompanying notes to condensed consolidated financial statements

F-7



---

**Table of Contents**

**HDFC BANK LIMITED AND ITS SUBSIDIARIES**

**NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**

**(Unaudited)**

These condensed consolidated financial statements should be read in conjunction with the financial statements of the Bank included in its Form 20-F filed with the Securities and Exchange Commission on September 30, 2011

**1. 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 Consolidations. 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, valuation of derivatives, stock-based compensation and impairment assessment of goodwill.

*d. 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 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. Subsequent recoveries, if any against write off cases, are adjusted to provision for credit losses in the consolidated

statements of income.

F-8

---

**Table of Contents**

*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, against write off cases, are adjusted to provision for credit losses in the consolidated statements of 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.

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.

*e. Income tax*

The Bank estimates its income tax expense for the interim periods based on its best estimate of the expected effective income tax rate for a full year.

*f. 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.

**Table of Contents***g. Recently adopted accounting standards*

In January 2010, FASB issued ASU 2010-06 Improving Disclosures about Fair Value Measurements and Disclosures. This ASU which 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 was adopted effective April 1, 2010 in the previous fiscal year. Additionally, the said ASU 2010-06 requires disclosures of the gross purchases, sales, issuances and settlements activity in Level 3 fair value measurements for fiscal years beginning after December 15, 2010. The Bank adopted disclosures of the gross purchases, sales, issuance and settlements activity in Level 3 fair value measurements effective April 1, 2011. The adoption of this ASC did not have any impact on the Bank's consolidated financial position, results of operation and cash flows.

In December 2010, the FASB issued ASU 2010-28, Intangibles—Goodwill and Other (Topic 350): When to Perform Step 2 of the Goodwill Impairment Test for Reporting Units with Zero or Negative Carrying Amounts (ASU 2010-28) that amends Topic 350, Intangibles—Goodwill and Other, of the FASB Codification. For the reporting units with zero or negative carrying value, an entity is required to perform the goodwill impairment test if it is more likely than not that a goodwill impairment exists. An entity should consider any adverse qualitative factors indicating that an impairment may exist. ASU 2010-28 is effective for fiscal years, and interim periods within those years, beginning after December 15, 2010. The Bank adopted ASU 2010-28 from April 1, 2011.

*h. Recently issued accounting pronouncements not yet effective*

In April 2011, Accounting Standards Update (ASU) 2011-02, A Creditor's Determination of Whether a Restructuring is a Troubled Debt Restructuring was issued effective for interim and annual periods beginning on or after June 15, 2011. ASU 2011-02 provides evaluation criteria for whether a restructuring constitutes a troubled debt restructuring. Additional disclosures around the nature and extent of modified finance receivables and their effect on the allowance for loan losses may be required under ASU 2010-20, Disclosures about the Credit Quality of Financing Receivables and the Allowance for Credit Losses for finance receivables meeting the definition of a troubled debt restructuring in ASU 2011-02. The adoption of ASU 2011-02 is not expected to have a material impact on the Bank's consolidated financial position, results of operations and cash flows.

In April 2011, FASB issued new accounting guidance that addresses effective control in repurchase agreements and eliminates the requirement for entities to consider whether the transferor (i.e., seller) has the ability to repurchase the financial assets in a repurchase agreement. This new accounting guidance will be effective, on a prospective basis to new transactions or modifications for interim or annual periods beginning on or after December 15, 2011. The adoption of this guidance is not expected to have a material impact on the Bank's consolidated financial position or results of operations.

In May 2011, FASB issued ASU 2011-04 Fair Value Measurement which amends the fair value accounting guidance. The amendments clarify the application of the highest and best use and valuation premise concepts, preclude the application of blockage factors in the valuation of all financial instruments and include criteria for applying the fair value measurement principles to portfolios of financial instruments. The amendments additionally prescribe enhanced financial statement disclosures for Level 3 fair value measurements. The new amendments will be effective for interim or annual periods beginning on or after December 15, 2011. The adoption of this guidance is not expected to have a material impact on the Bank's consolidated financial position or results of operations.

In June 2011, FASB issued new accounting guidance on the presentation of comprehensive income in financial statements. The new guidance removes current presentation options and requires entities to report components of comprehensive income in either a continuous statement of comprehensive income or two separate but consecutive statements. This new accounting guidance will be effective for interim or annual periods beginning on or after December 15, 2011. Upon adoption of this guidance, the Bank will change the presentation of Comprehensive Income. The adoption of this guidance will not have any impact on the Bank's consolidated financial position or results of operations.

In September 2011, FASB issued new Accounting Standards Update 2011-08, Testing Goodwill for Impairment, which amends the guidance in ASC 350-20. Under the revised guidance, entities testing goodwill for impairment have the option of performing a qualitative assessment before calculating the fair value of the reporting unit (i.e., step 1 of the goodwill impairment test). If entities determine, on the basis of qualitative factors, that the fair value of the reporting unit is more likely than not less than the carrying amount, the two-step impairment test would be required. The adoption of this guidance is not expected to have a material impact on the Bank's consolidated financial position or results of operations. The new amendments will be effective for the interim or annual periods beginning on or after December 15, 2011.

**Table of Contents**

In December 2011, the FASB Issued ASU 2011-11, Disclosures about Offsetting Assets and Liabilities, which creates new disclosure requirements about the nature of an entity's rights of setoff and related arrangements associated with its financial instruments and derivative instruments. The new disclosures are designed to make financial statements that are prepared under U.S. GAAP more comparable to those prepared under IFRSs. The new disclosures will give financial statement users information about both gross and net exposures. The new disclosure requirements are effective for annual reporting periods beginning on or after January 1, 2013, and interim periods therein, with retrospective application required for comparative periods presented. The Bank is evaluating the impact this ASU will have on its financial condition and results of operations.

*i. 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 period ended September 30, 2011 have been translated into U.S. dollars at U.S.\$1.00 = Rs. 49.05 as published by Federal Reserve Board of New York on September 30, 2011. 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. Goodwill and other intangible assets**

The Goodwill arising from a business combination is tested on an annual basis for impairment. There were no changes in the carrying amount of goodwill of Rs. 74,937.9 million for the year ended March 31, 2011 and the period ended September 30, 2011. The table below presents the gross carrying amount, accumulated amortization and net carrying amount, in total and by class of intangible assets as of March 31, 2011 and September 30, 2011:

	As of March 31, 2011			Gross carrying amount (In millions)	As of September 30, 2011			Net carrying amount
	Gross carrying amount	Accumulated amortization	Net carrying amount		Accumulated amortization	Net carrying amount		
Branch network	Rs. 8,335.0	Rs. 3,967.4	Rs. 4,367.6	Rs. 8,335.0	Rs. 4,663.6	Rs. 3,671.4	US\$ 74.9	
Customer list	2,710.0	2,710.0		2,710.0	2,710.0			
Core deposit	4,414.0	2,520.7	1,893.3	4,414.0	2,962.7	1,451.3	29.6	
Favorable leases	543.0	401.0	142.0	543.0	428.5	114.5	2.3	
<b>Total</b>	<b>Rs. 16,002.0</b>	<b>Rs. 9,599.1</b>	<b>Rs. 6,402.9</b>	<b>Rs. 16,002.0</b>	<b>Rs. 10,764.8</b>	<b>Rs. 5,237.2</b>	<b>US\$ 106.8</b>	

The aggregate amortization charged for the year ended March 31, 2011 and the period ended September 30, 2011 was Rs. 2,558.6 million and Rs. 1,165.7 million, respectively.

The estimated amortization expense for intangible assets for each of the five succeeding periods is given in the table below:

To be amortized during the six months ending September 30:	As of September 30, 2011 (in millions)	
	2012	Rs. 1,155.2
2013	834.2	17.0
2014	210.5	4.3
2015	3.5	0.1
2016	1.5	

**Table of Contents****3. Investments, held for trading**

The portfolio of trading securities as of March 31, 2011 and September 30, 2011 was as follows:

	Amortized Cost	As of March 31, 2011		Fair Value
		Gross Unrealized Gains	Gross Unrealized Losses	
(In millions)				
Government of India securities	Rs. 14,222.6	Rs. 63.5	Rs. 0.3	Rs. 14,285.8
Securities issued by Government of India sponsored institutions	848.9	36.2	0.1	885.0
Other corporate/financial institution bonds	1,379.8	12.2		1,392.0
Deposit Certificates issued by banks	21,628.1	23.1		21,651.2
<b>Total debt securities</b>	<b>38,079.4</b>	<b>135.0</b>	<b>0.4</b>	<b>38,214.0</b>
Equity securities	3.0		0.1	2.9
<b>Total</b>	<b>Rs. 38,082.4</b>	<b>Rs. 135.0</b>	<b>Rs. 0.5</b>	<b>Rs. 38,216.9</b>

	Amortized Cost	As of September 30, 2011		Fair Value
		Gross Unrealized Gains	Gross Unrealized Losses	
(In millions)				
Government of India securities	Rs. 34,295.7	Rs.	Rs. 262.9	Rs. 34,032.8
Other corporate/financial institution bonds	522.4		4.0	518.4
Deposit Certificates issued by banks	17,182.0	1.6	15.7	17,167.9
<b>Total debt securities</b>	<b>52,000.1</b>	<b>1.6</b>	<b>282.6</b>	<b>51,719.1</b>
Others(including equity securities)	23,962.7	0.1	0.9	23,961.9
<b>Total</b>	<b>Rs. 75,962.8</b>	<b>Rs. 1.7</b>	<b>Rs. 283.5</b>	<b>Rs. 75,681.0</b>
<b>Total</b>	<b>US\$ 1,548.7</b>	<b>US\$ 0.0</b>	<b>US\$ 5.8</b>	<b>US\$ 1,542.9</b>

**Table of Contents****4. Investments, available for sale**

The portfolio of available for sale securities at March 31, 2011 and September 30, 2011 was as follows:

	As of March 31, 2011			
	Amortized Cost	Gross Unrealized		Fair Value
		Gains	Losses	
	(In millions)			
Government of India securities	Rs. 587,417.8	Rs. 113.7	Rs. 8,772.6	Rs. 578,758.9
Securities issued by Government of India sponsored institutions	290.6	6.0		296.6
State government securities	252.6	1.2	0.5	253.3
Securities issued by state government sponsored institutions	9.8			9.8
Credit substitutes	14,526.6	26.1	61.6	14,491.1
Other corporate/financial institution bonds	1,117.8	51.7	0.1	1,169.4
Certificate of Deposit	27,449.2	67.4	49.6	27,467.0
Debt securities, other than asset and mortgage-backed securities	631,064.4	266.1	8,884.4	622,446.1
Mortgage-backed securities	4,565.9	274.5	9.9	4,830.5
Asset-backed securities	831.9	13.9	2.4	843.4
Other securities	584.9			584.9
Total	Rs. 637,047.1	Rs. 554.5	Rs. 8,896.7	Rs. 628,704.9
Securities with gross unrealized losses				Rs. 558,670.0
Securities with gross unrealized gains				70,034.9
				Rs. 628,704.9

	As of September 30, 2011			
	Amortized Cost	Gross Unrealized		Fair Value
		Gains	Losses	
	(In millions)			
Government of India securities	Rs. 692,249.9	Rs. 0.4	Rs. 14,675.9	Rs. 677,574.4
Securities issued by Government of India sponsored institutions	292.3	4.5		296.8
State government securities	254.6		2.9	251.7
Securities issued by state government sponsored institutions	9.9			9.9
Credit substitutes	20,270.0	55.9	64.6	20,261.3
Other corporate/financial institution bonds	1,147.4	34.6		1,182.0
Certificate of Deposit	21,675.6	25.2	14.8	21,686.0
Debt securities, other than asset and mortgage-backed securities	735,899.7	120.6	14,758.2	721,262.1
Mortgage-backed securities	3,917.0	246.4	8.1	4,155.3
Asset-backed securities	460.7	9.8	0.1	470.4
Other securities	584.9			584.9
Total	Rs. 740,862.3	Rs. 376.8	Rs. 14,766.4	Rs. 726,472.7

Edgar Filing: HDFC BANK LTD - Form 6-K

Total	US\$	15,104.2	US\$	7.7	US\$	301.0	US\$	14,810.9
Securities with gross unrealized losses							Rs.	697,436.4
Securities with gross unrealized gains								29,036.3
							Rs.	726,472.7
							US\$	14,810.9

F-13



**Table of Contents**

AFS investments of Rs. 579,017.2 million and Rs. 677,831.2 million as of March 31, 2011 and September 30, 2011, 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. 535,694.2 million as of March 31, 2011 and Rs.507,377.5 million (US\$ 10,344.1 million) as of September 30, 2011, respectively, were kept as margins for clearing, collateral borrowing and lending obligation (CBLO) and real time gross settlement (RTGS) with Reserve Bank of India and other financial institutions.

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 whether the Bank intends to sell or will be required to sell the security until the forecasted recovery. The Bank evaluated the impaired investments and has fully recognized an expense of Rs.49.3 million and Rs. 487.9 million (US\$9.9 million) as an other than temporary impairment in the six months periods ended September 30, 2010 and September 30, 2011, respectively, because the Bank intends to sell the securities before recovery of their amortized cost. The Bank believes that the other unrealized losses on its investments in equity and debt securities as of September 30, 2011 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 analysis, as required under business policies.

As of March 31, 2011 and September 30, 2011, 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, 2011 is as follows:

	As of March 31, 2011				Total	
	Less Than 12 Months		12 Months or Greater			
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
	(In millions)					
Government of India securities	Rs. 345,334.9	Rs. 3,702.2	Rs. 187,813.4	Rs. 5,070.4	Rs. 533,148.3	Rs. 8,772.6
State government securities	51.5	0.3	11.5	0.2	63.0	0.5
Securities issued by state government sponsored institutions			4.9		4.9	
Credit substitutes	9,416.8	61.6			9,416.8	61.6
Corporate bonds	49.4	0.1			49.4	0.1
Certificate of Deposit	15,436.0	49.6			15,436.0	49.6
<b>Debt securities</b>	<b>370,288.6</b>	<b>3,813.8</b>	<b>187,829.8</b>	<b>5,070.6</b>	<b>558,118.4</b>	<b>8,884.4</b>
Mortgage-backed securities	387.1	9.9			387.1	9.9
Asset-backed securities	164.5	2.4			164.5	2.4
<b>Total</b>	<b>Rs. 370,840.2</b>	<b>Rs. 3,826.1</b>	<b>Rs. 187,829.8</b>	<b>Rs. 5,070.6</b>	<b>Rs. 558,670.0</b>	<b>Rs. 8,896.7</b>



**Table of Contents**

The gross unrealized losses and fair value of available for sale securities at September 30, 2011 was as follows:

	As of September 30, 2011				Total	
	Less Than 12 Months		12 Months or Greater		Fair Value	Unrealized Losses
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses		
(In millions)						
Government of India securities	Rs. 447,244.7	Rs. 6,671.2	Rs. 227,322.3	Rs. 8,004.7	Rs. 674,567.0	Rs. 14,675.9
State government securities	240.2	2.6	11.4	0.3	251.6	2.9
Securities issued by state government sponsored institutions	4.9		5.0		9.9	
Credit substitutes	10,984.7	64.6			10,984.7	64.6
Certificate of Deposit	11,234.8	14.8			11,234.8	14.8
Debt securities	469,709.3	6,753.2	227,338.7	8,005.0	697,048.0	14,758.2
Mortgage-backed securities	308.6	8.1			308.6	8.1
Asset-backed securities	79.8	0.1			79.8	0.1
<b>Total</b>	<b>Rs. 470,097.7</b>	<b>Rs. 6,761.4</b>	<b>Rs. 227,338.7</b>	<b>Rs. 8,005.0</b>	<b>Rs. 697,436.4</b>	<b>Rs. 14,766.4</b>
<b>Total</b>	<b>US\$ 9,584.1</b>	<b>US\$ 137.8</b>	<b>US\$ 4,634.8</b>	<b>US\$ 163.2</b>	<b>US\$ 14,218.9</b>	<b>US\$ 301.0</b>

The contractual residual maturity of available for sale debt securities other than asset and mortgage-backed securities as of September 30, 2011 is set out below:

	As of September 30, 2011		
	Amortized Cost	Fair Value	Fair Value
(In millions)			
Within one year	Rs. 260,571.4	Rs. 260,059.2	US\$ 5,301.9
Over one year through five years	305,313.8	296,389.5	6,042.6
Over five years through ten years	113,683.5	110,835.3	2,259.6
Over ten years	56,331.0	53,978.1	1,100.5
<b>Total</b>	<b>Rs. 735,899.7</b>	<b>Rs. 721,262.1</b>	<b>US\$ 14,704.6</b>

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:

	Six months period ended September 30,		
	2010	2011	2011
(In millions)			
Gross realized gains on sale	Rs. 979.7	Rs. 12.1	US\$ 0.2
Gross realized losses on sale	(564.6)	(205.4)	(4.1)
<b>Realized gains (losses), net</b>	<b>415.1</b>	<b>(193.3)</b>	<b>(3.9)</b>

## Edgar Filing: HDFC BANK LTD - Form 6-K

Dividends and interest	18,442.8	26,452.4	539.3
<b>Total</b>	<b>Rs. 18,857.9</b>	<b>Rs. 26,259.1</b>	<b>US\$ 535.4</b>

### 5. Investments, held to maturity

There were no HTM securities as of March 31, 2011 and September 30, 2011.

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 US GAAP and Indian GAAP varies materially.

F-15

**Table of Contents****6. Loans**

Loan balances include Rs.54,698.1 million and Rs.20,000.0 million as of March 31, 2011 and September 30, 2011, respectively, which have been pledged as collateral for borrowings and are therefore restricted.

Loans by facility as of March 31, 2011 and September 30, 2011 were as follows:

	March 31, 2011	As of September 30, 2011 (In millions)	September 30, 2011
<b>Retail loans:</b>			
Auto loans	Rs. 257,670.2	Rs. 283,684.6	US\$ 5,783.6
Personal loans/ Credit cards	158,283.2	185,006.9	3,771.8
Retail business banking	207,975.5	237,048.7	4,832.8
Other retail loans	356,215.7	431,399.7	8,795.1
 Subtotal	 Rs. 980,144.6	 Rs. 1,137,139.9	 US\$ 23,183.3
Wholesale loans	Rs. 668,605.7	Rs. 805,768.8	US\$ 16,427.5
 Gross loans	 1,648,750.3	 1,942,908.7	 39,610.8
Less: Allowance for credit losses	25,894.3	29,816.9	607.9
 Total	 Rs. 1,622,856.0	 Rs. 1,913,091.8	 US\$ 39,002.9

Gross loans analyzed by performance are as follows:

	March 31, 2011	As of September 30, 2011 (In millions)	September 30, 2011
Performing	Rs. 1,628,087.9	Rs. 1,923,352.6	US\$ 39,212.1
Impaired	20,662.4	19,556.1	398.7
 Total gross loans	 Rs. 1,648,750.3	 Rs. 1,942,908.7	 US\$ 39,610.8

The following table provides details of loan delinquency and non-accrual loans as of March 31, 2011 and September 30, 2011 with an age analysis.

	As of March 31, 2011			Total
	31-90 days past due	Impaired / 91 days or more past due (in millions)	Total current or less than 31 days past due	
<b>Retail Loans</b>				
Auto loans	Rs. 1,031.6	Rs. 982.6	Rs. 255,656.0	Rs. 257,670.2

Edgar Filing: HDFC BANK LTD - Form 6-K

Personal loans/Credit card	1,567.0	1,304.9	155,411.3	158,283.2
Retail business banking	1,377.7	5,126.2	201,471.6	207,975.5
Other retail	3,357.6	3,745.8	349,112.3	356,215.7
Wholesale loans	1,774.3	9,502.9	657,328.5	668,605.7
<b>Total</b>	<b>Rs. 9,108.2</b>	<b>Rs. 20,662.4</b>	<b>Rs. 1,618,979.7</b>	<b>Rs. 1,648,750.3</b>

F-16

**Table of Contents**

	As of September 30, 2011					
	31-90 days past due	Impaired / 91 days or more past due	Total current or less than 31 days past due (In millions)	Total	Total	
<b>Retail Loans</b>						
Auto loans	Rs. 1,586.0	Rs. 959.7	Rs. 281,138.9	Rs. 283,684.6	US\$ 5,783.6	
Personal loans/Credit card	1,426.3	1,159.3	182,421.3	185,006.9	3,771.8	
Retail business banking	2,110.8	5,184.6	229,753.3	237,048.7	4,832.8	
Other retail	4,991.7	3,923.8	422,484.2	431,399.7	8,795.1	
Wholesale loans	1,942.4	8,328.7	795,497.7	805,768.8	16,427.5	
<b>Total</b>	<b>Rs. 12,057.2</b>	<b>Rs. 19,556.1</b>	<b>Rs. 1,911,295.4</b>	<b>Rs. 1,942,908.7</b>	<b>US\$ 39,610.8</b>	
<b>Total</b>	<b>US\$ 245.8</b>	<b>US\$ 398.7</b>	<b>US\$ 38,966.3</b>	<b>US\$ 39,610.8</b>	<b>US\$ 39,610.8</b>	

The Bank has a credit risk mitigating/monitoring mechanism which is comprised of target market definitions, credit approval process, post-disbursement monitoring and remedial management procedures.

For wholesale credit risk in addition to the credit approval process the Bank has an approved framework for the review and approval of credit ratings. Credit Policies and Procedure articulate credit risk strategy 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. These are reviewed in detail at annual or more frequent intervals. To ensure adequate diversification of risk, concentration limits have been set up in terms of borrower/business group, and industry and risk grading.

For retail credit the policy and approval process are designed for the fact that we have high volumes of relatively homogeneous, small value transactions in retail loans. There are product programs for each of these products, which define the target markets, credit philosophy and process, detailed underwriting criteria for evaluating individual credits, exception reporting systems and individual loan exposure caps. The quantitative parameters considered include income, residence stability, and the nature of the employment/business, while the qualitative parameters include accessibility, contractibility and profile. The 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. We mine data on our borrower account behavior as well as 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.

As an integral part of the credit process, the Bank has a credit rating model appropriate to its wholesale and retail credit segments. The Bank monitors credit quality within its segments based on primary credit quality indicators. This internal grading is updated at a minimum annually. The tables below provide grading indicators related to the Bank's retail loans and wholesale loans as of March 31, 2011 and September 30, 2011.

**Retail Loans**

Credit quality indicator based on payment activity as of March 31, 2011 and as of September 30, 2011 is given below.

	As of March 31, 2011				
	Auto loans	Personal loans/ Credit card	Retail business banking (In millions)	Other retail	Total
Performing	Rs. 256,687.6	Rs. 156,978.3	Rs. 202,849.3	Rs. 352,469.9	Rs. 968,985.1
Impaired	982.6	1,304.9	5,126.2	3,745.8	11,159.5

Edgar Filing: HDFC BANK LTD - Form 6-K

Total	Rs. 257,670.2	Rs. 158,283.2	Rs. 207,975.5	Rs. 356,215.7	Rs. 980,144.6
-------	---------------	---------------	---------------	---------------	---------------

F-17



**Table of Contents**

	As of September 30, 2011					Total
	Auto loans	Personal loans/ Credit card	Retail business banking (In millions)	Other retail		
Performing	Rs. 282,724.9	Rs. 183,847.6	Rs. 231,864.1	Rs. 427,475.9	Rs. 1,125,912.5	
Impaired	959.7	1,159.3	5,184.6	3,923.8	11,227.4	
Total	Rs. 283,684.6	Rs. 185,006.9	Rs. 237,048.7	Rs. 431,399.7	Rs. 1,137,139.9	
Total	US\$ 5,783.6	US\$ 3,771.8	US\$ 4,832.8	US\$ 8,795.1	US\$ 23,183.3	

**Wholesale Loans**

We have in place a process of grading each borrower according to its financial health and the performance of its business and each borrower is graded as pass/labeled/impaired. Our models 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.

Credit quality indicators Internally assigned grade and payment activity	March 31, 2011	As of September 30, 2011 (In millions)	September 30, 2011
	Pass	Rs. 658,351.4	Rs. 794,648.3
Labeled	751.4	2,791.8	56.9
Impaired	9,502.9	8,328.7	169.8
Total	Rs. 668,605.7	Rs. 805,768.8	US\$ 16,427.5

Impaired loans are those for which the Bank believes that it is probable that it will not collect all amounts due according to the original contractual terms of the loans. The following tables provide details of Impaired loans as of March 31, 2011 and September 30, 2011.

	Recorded investments	Unpaid principal balance	As of March 31, 2011		
			Related specific allowance (In millions)	Average Recorded investments	Finance Receivable on Non Accrual Basis
<b>Retail Loans</b>					
Auto loans	Rs. 982.6	Rs. 982.6	Rs. 503.1	Rs. 1,404.0	Rs. 982.6
Personal loans/ Credit card	1,304.9	1,304.9	895.2	1,839.9	1,304.9
Retail business banking	5,126.2	5,126.2	4,396.8	5,007.9	5,126.2
Other retail	3,745.8	3,745.8	2,717.2	3,847.0	2,989.0
Wholesale loans	9,502.9	9,502.9	7,577.5	7,863.9	6,321.7
Total	Rs. 20,662.4	Rs. 20,662.4	Rs. 16,089.8	Rs. 19,962.7	Rs. 16,724.4



**Table of Contents**

	As of September 30, 2011				
	Recorded investments	Unpaid principal balance	Related specific allowance (In millions)	Average Recorded investments	Finance Receivable on Non Accrual Basis
<b>Retail Loans</b>					
Auto loans	Rs. 959.7	Rs. 959.7	Rs. 482.1	Rs. 971.2	Rs. 959.7
Personal loans/ Credit card	1,159.3	1,159.3	789.7	1,232.1	1,159.3
Retail business banking	5,184.6	5,184.6	4,547.7	5,155.4	5,184.6
Other retail	3,923.8	3,923.8	2,948.2	3,834.8	3,923.8
Wholesale loans	8,328.7	8,328.7	7,003.8	8,915.8	6,973.2
<b>Total</b>	<b>Rs. 19,556.1</b>	<b>Rs. 19,556.1</b>	<b>Rs. 15,771.5</b>	<b>Rs. 20,109.3</b>	<b>Rs. 18,200.6</b>
<b>Total</b>	<b>US\$ 398.7</b>	<b>US\$ 398.7</b>	<b>US\$ 321.5</b>	<b>US\$ 410.0</b>	<b>US\$ 371.1</b>

The Bank holds no recorded impaired loans for which there is no related allowance.

Summary information relating to impaired loans during the years ended March 31, 2010, March 31, 2011 and September 30, 2011 is as follows:

	Year ended / period ended			
	March 31, 2010	March 31, 2011	September 30, 2011	September 30, 2011
	(In millions)			
Average impaired loans, net of allowance	Rs. 5,889.8	Rs. 5,007.6	Rs. 4,178.6	US\$ 85.2
Interest foregone on impaired loans	Rs. 1,540.1	Rs. 2,179.8	Rs. 2,657.2	US\$ 54.2
Interest income recognized on impaired loans	Rs. 591.4	Rs. 1,292.5	Rs. 741.1	US\$ 15.1
Interest income recognized on impaired loans on a cash basis	Rs. 591.4	Rs. 1,292.5	Rs. 741.1	US\$ 15.1

Allowance for credit losses as of March 31, 2011 are as follows:

	As of March 31, 2011						
	Auto loans	Personal Loans/ Credit card	Retail business banking	Other retail (in millions)	Wholesale	Unallocated	Total
Allowance for credit losses, beginning of the period	Rs. 1,066.6	Rs. 1,650.9	Rs. 3,632.9	Rs. 2,859.1	Rs. 4,610.8	Rs. 9,940.3	Rs. 23,760.6
Less: Write-offs	1,986.0	7,154.6	200.2	1,836.8	668.2		11,845.8
Less: Cash recoveries*	1,073.7	1,352.5	3,877.5	4,491.2	487.9		11,282.8
Allowance for credit losses	2,496.2	7,751.4	4,841.6	6,186.1	4,122.8	(135.8)	25,262.3
Allowance for credit losses, end of the period	Rs. 503.1	Rs. 895.2	Rs. 4,396.8	Rs. 2,717.2	Rs. 7,577.5	Rs. 9,804.5	Rs. 25,894.3
Allowance for credit losses: Allowance individually evaluated for impairment					7,577.5		7,577.5

Edgar Filing: HDFC BANK LTD - Form 6-K

Allowance collectively evaluated for impairment	503.1	895.2	4,396.8	2,717.2	8,512.3
Loans:					
Loans individually evaluated for impairment				9,502.9	9,502.9
Loans collectively evaluated for impairment	982.6	1,304.9	5,126.2	3,745.8	11,159.5

\* Does not include the recoveries against write off cases amounting to Rs. 4,357.6 million.

F-19

**Table of Contents**

Allowance for credit losses as of September 30, 2011 are as follows:

	As of September 30, 2011							Total
	Auto loans	Personal loans/ Credit card	Retail business banking	Other retail (in millions)	Wholesale	Unallocated	Total	
Allowance for credit losses, beginning of the period	Rs. 503.1	Rs. 895.2	Rs. 4,396.8	Rs. 2,717.2	Rs. 7,577.5	Rs. 9,804.5	Rs. 25,894.3	US\$ 527.9
Less: Write-offs	618.0	2,358.3	34.6	581.3	1,487.6		5,079.8	103.6
Less: Cash recoveries*	337.0	556.7	2,296.1	2,356.4	181.6		5,727.8	116.8
Allowance for credit losses	934.0	2,809.5	2,481.6	3,168.7	1,095.5	4,240.9	14,730.2	300.3
Allowance for credit losses, end of the period	Rs. 482.1	Rs. 789.7	Rs. 4,547.7	Rs. 2,948.2	Rs. 7,003.8	Rs. 14,045.4	Rs. 29,816.9	US\$ 607.9
Allowance for credit losses:								
Allowance individually evaluated for impairment					7,003.8		7,003.8	142.8
Allowance collectively evaluated for impairment	482.1	789.7	4,547.7	2,948.2			8,767.7	178.8
Loans:								
Loans individually evaluated for impairment					8,328.7		8,328.7	169.8
Loans collectively evaluated for impairment	959.7	1,159.3	5,184.6	3,923.8			11,227.4	228.9

\* Does not include the recoveries against write off cases amounting to Rs.2,104.9 million.

**7. 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, 2011 and September 30, 2011 were comprised of the following:

	March 31, 2011	As of September 30, 2011 (In millions)	September 30, 2011
	Borrowed in the call market	Rs. 7,050.6	Rs. 7,718.4
Term borrowings from institutions/banks	15,609.9	2,316.0	47.2
Foreign currency borrowings	46,598.6	65,923.2	1,344.0
Bills rediscounted	7,427.6	19,588.5	399.3
Total	Rs. 76,686.7	Rs. 95,546.1	US\$ 1,947.9

**8. Long-term debt**

## Edgar Filing: HDFC BANK LTD - Form 6-K

Long-term debt as of March 31, 2011 and September 30, 2011 was comprised of the following:

	<b>March 31, 2011</b>	<b>As of September 30, 2011 (In millions)</b>	<b>September 30, 2011</b>
Subordinated debt	Rs. 73,930.5	Rs. 110,866.5	US\$ 2,260.3
Others	19,356.7	49,628.7	1,011.8
<b>Total</b>	<b>Rs. 93,287.2</b>	<b>Rs. 160,495.2</b>	<b>US\$ 3,272.1</b>

F-20

**Table of Contents**

The scheduled maturities of long-term debt are set out below:

	As of September 30, 2011 (In millions)	
Due during the twelve months ending September 30:		
2012	Rs. 28,999.0	US\$ 591.2
2013	7,698.5	157.0
2014	13,943.7	284.3
2015	7,500.0	152.9
2016	9,670.0	197.1
Thereafter (1)	90,684.0	1,848.8
Total	Rs. 158,495.2	US\$ 3,231.3

(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, 2011 and September 30, 2011 of Subordinated debt (lower tier II capital) was Rs.33,312.0 million and Rs. 69,810.0 million, respectively, upper tier II capital was Rs. 38,618.5 million and Rs. 39,056.5 million, respectively, and perpetual debt was Rs. 2,000.0 million and Rs. 2,000.0 million, respectively.

During the six months ended September 30, 2011, the Bank issued subordinated debt qualifying for Lower Tier II capital amounting to 36,500.0 million.

As of March 31, 2011 and September 30, 2011 other long-term debt includes foreign currency borrowings from other banks aggregating to Rs. 5,351.4 million and Rs.13,549.8 million, respectively, and functional currency borrowings aggregating to Rs. 14,005.3 million and Rs.36,078.9 million, respectively.

**9. Stock-based compensation**

For details of the Bank's employee stock option scheme refer to the Bank's Form 20-F filed with the Securities and Exchange Commission on September 30, 2011. By a special resolution on July 6, 2011, the shareholders of the Bank approved a stock split which reduced the par value of each equity share from Rs. 10.0 to Rs. 2.0 per share effective as of July 16, 2011. All options information in the condensed financial statements reflect the effect of these events retroactively.

**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:

	Six months ended September 30, 2010*	2011
Dividend yield		0.65%
Expected volatility		23.72%-23.82%
Risk-free interest rate		8.04%-8.14%
Expected lives		1 to 6 years

\* No employee stock options granted during the period





**Table of Contents***Employees stock option schemes*

Activity in the options available to be granted under the Employee Stock Option Scheme is as follows:

	Options available to be granted	
	Six months ended September 30,	
	2010	2011
Options available to be granted, beginning of year*	22,812,500	91,642,000
Equity shares allocated for grant under the plan	100,000,000	
Options granted		(243,750)
Forfeited/lapsed*	1,243,250	778,750
Options available to be granted, end of period	124,055,750	92,177,000

\* Does not include options exchanged on acquisition of CBoP since these options on forfeiture/lapse are not available for re-issue.  
Activity in the options outstanding under the Employee Stock Option Scheme is as follows:

	Six months ended September 30,			
	2010	Weighted Average Exercise Price	2011	Weighted Average Exercise Price
	Options		Options	
Options outstanding, beginning of year	92,347,270	Rs. 241.54	85,924,615	Rs. 325.27
Granted			243,750	508.23
Exercised	(24,307,890)	214.92	(12,183,710)	245.07
Forfeited	(1,073,750)	316.99	(676,500)	439.46
Lapsed	(307,720)	197.06	(122,635)	212.34
Options outstanding, end of period	66,657,910	Rs. 250.24	73,185,520	Rs. 338.36
Options exercisable, end of period	58,157,910	Rs. 236.98	40,824,270	Rs. 257.26

Weighted average fair value of options granted during the year Rs. 152.50  
The following summarizes information about stock options outstanding as of September 30, 2011:

Plan	Range of exercise price	As of September 30, 2011		
		Number of Shares Arising Out of Options	Weighted Average Remaining Life	Weighted Average Exercise Price
Plan A	Rs. 73.26 (or US\$ 1.49)	29,000	0.48	Rs. 73.26

## Edgar Filing: HDFC BANK LTD - Form 6-K

Plan B	Rs. 71.72 to Rs. 219.74 (or US\$ 1.46 to US\$ 4.48)	2,594,300	1.52	199.61
Plan C	Rs. 126.12 to Rs. 219.74 (or US\$ 2.57 to US\$ 4.48)	4,444,200	1.38	190.41
Plan D	Rs. 219.74 to Rs. 340.96 (or US\$ 4.48 to US\$ 6.95)	31,658,000	2.59	275.66
Plan E	Rs. 440.16 to Rs. 508.23 (or US\$ 8.97 to US\$ 10.36)	32,361,250	4.47	440.67
Key ESOP 2004	Rs. 23.2 (or US\$ 0.47)	77,595	1.54	23.20
General ESOP 2004	Rs. 88.45 to Rs. 171.97 (or US\$ 1.80 to US\$3.51)	630,315	1.94	122.30
General ESOP 2007	Rs. 232.58 to Rs. 251.72 (or US\$ 4.74 to US\$ 5.13)	1,390,860	2.53	Rs 237.57

The intrinsic value of options exercised during the six months ended September 30, 2010 and September 30, 2011 was Rs. 135.7 million and Rs. 59.8 million, respectively. The aggregate intrinsic value of options outstanding and options exercisable as at September 30, 2011 was Rs. 223.7 million and Rs. 223.5 million, respectively. Total stock compensation cost (including on modification) recognized under these plans was Rs.1,835.4 million and Rs. 1,883.3 million during the six months ended September 30, 2010 and September 30, 2011, respectively. The total compensation cost recognized as on September 30, 2011 included Nil (previous year Rs. 20.9 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 September 30, 2011, the total estimated compensation cost to be recognized in future periods was Rs.1,479.8 million (previous period Rs. 439.5 million). This is expected to be recognized over a weighted average period of 0.52 years. The tables reflect an adjustment effected in the current period to include the effect of options forfeited/lapsed in respect of resigned employees.

**Table of Contents****10. 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.

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 gives the buyer the ability to determine the underlying rate of interest for a specified period commencing on a specified future date (the settlement date) when the settlement amount is determined being the difference between the contracted rate and the market rate on the settlement 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). Currency options give the buyer the right, but not an obligation, to buy or sell specified amounts of currency at agreed rates of exchange on or before a specified future date.

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 counterparties. The extent of loss on account of a counterparty 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 except credit risk.

The following table presents the aggregate notional principal amounts of the Bank's outstanding forward exchange and other derivative contracts as of March 31, 2011 and September 30, 2011, together with the fair values on each reporting date.

	Notional	As of March 31, 2011			Net Fair Value
		Gross Assets	Gross Liabilities	(In millions)	
Interest rate derivatives	Rs. 2,045,524.2	Rs. 18,885.7	Rs. 20,835.1	Rs. (1,949.4)	
Forward rate agreements	614.6	0.6	0.5	0.1	
Currency options	358,206.1	5,448.6	5,840.6	(392.0)	
Currency swaps	35,368.4	927.5	726.3	201.2	
Forward exchange contracts	3,006,909.9	50,331.2	46,999.3	3,331.9	
<b>Total</b>	<b>Rs. 5,446,623.2</b>	<b>Rs. 75,593.6</b>	<b>Rs. 74,401.8</b>	<b>Rs. 1,191.8</b>	

  

	Notional	Gross Assets	As of September 30, 2011		Notional	Fair Value
			Gross Liabilities	Net Fair Value		
Interest rate derivatives	Rs. 2,425,127.1	Rs. 18,487.4	Rs. 18,312.4	Rs. 175.0	US\$ 49,441.9	US\$ 3.6
Forward rate agreements	722.6	0.1	0.1		14.7	
Currency options	310,419.3	7,110.5	6,787.8	322.7	6,328.6	6.5
Currency swaps	56,329.3	2,017.5	1,866.4	151.1	1,148.4	3.1
Forward exchange contracts	4,610,471.4	116,517.5	117,623.0	(1,105.5)	93,995.3	(22.5)

## Edgar Filing: HDFC BANK LTD - Form 6-K

<b>Total</b>	Rs. 7,403,069.7	Rs. 144,133.0	Rs. 144,589.7	Rs. (456.7)	US\$ 150,928.9	US\$ (9.3)
--------------	-----------------	---------------	---------------	-------------	----------------	------------

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.

F-23

**Table of Contents**

The following table summarizes certain information related to Derivative amounts recognized in income:

	Non-interest revenue, net Derivatives for the six months period ended September 30, (In millions)		
	2010	2011	2011
Interest rate derivatives	Rs. (1,147.1)	Rs. 697.9	US\$ 14.2
Forward rate agreements	(0.1)	(0.1)	
Currency options	487.2	55.3	1.1
Currency swaps	(773.8)	(0.4)	
Forward contracts	(2,550.7)	(4,244.2)	(86.5)
<b>Total gains/(losses)</b>	Rs. (3,984.5)	Rs. (3,491.5)	US\$ (71.2)

**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.

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 the Bank has recognized a liability of Rs.814.5million as of September 30, 2011 in respect of guarantees issued or modified. Based on historical trends, in terms of FASB ASC 450 the Bank has recognized a liability of Rs.492.9 million as of September 30, 2011.

Details of guarantees and documentary credits outstanding are set out below:

	As of March 31, 2011	As of September 30, 2011 (In millions)	
<b>Nominal values:</b>			
<b>Bank guarantees:</b>			
Financial guarantees	Rs. 62,104.7	Rs. 64,128.4	US\$ 1,307.4
Performance guarantees	54,857.1	58,980.8	1,202.5
Documentary credits	154,406.1	205,661.1	4,192.9
<b>Total</b>	Rs. 271,367.9	Rs. 328,770.3	US\$ 6,702.8
<b>Estimated fair values:</b>			
Guarantees	Rs. (742.2)	Rs. (814.5)	US\$ (16.6)
Documentary credits	(166.2)	(170.6)	(3.5)
<b>Total</b>	Rs. (908.4)	Rs. (985.1)	US\$ (20.1)

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

## Edgar Filing: HDFC BANK LTD - Form 6-K

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.540,895.9 million as of September 30, 2011. 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 credit-worthiness 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.

F-24

---

**Table of Contents****11. 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, 2011 and September 30, 2011. The estimated fair value amounts as of March 31, 2011 and September 30, 2011 have been measured as of the respective year ends, 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.

***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 3.

***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 4.

***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:***

## Edgar Filing: HDFC BANK LTD - Form 6-K

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.

F-25



**Table of Contents****Term placements:**

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.

A comparison of the fair values and carrying values of financial instruments other than derivatives (see note 10) is set out below:

	As of March 31, 2011		As of Sept 30, 2011		Estimated Fair Value	
	Carrying Value	Estimated Fair Value	Carrying Value	Estimated Fair Value	Carrying Value	Estimated Fair Value
	(In millions)					
<b>Financial Assets:</b>						
Cash and cash equivalents	Rs. 288,902.1	Rs. 288,902.1	Rs. 227,046.3	Rs. 227,046.3	US\$ 4,628.9	US\$ 4,628.9
Term placements	102,049.4	101,982.3	114,307.5	114,222.4	2,330.4	2,328.7
Investments held for trading	38,216.9	38,216.9	75,681.0	75,681.0	1,542.9	1,542.9
Investments available for sale	628,704.9	628,704.9	726,472.7	726,472.7	14,810.9	14,810.9
Loans	1,622,856.0	1,626,854.0	1,913,091.8	1,924,825.0	39,002.9	39,242.1
Accrued interest receivable	19,752.6	19,752.6	23,084.6	23,084.6	470.6	470.6
Other asset	97,884.7	96,986.2	171,993.8	171,015.7	3,506.5	3,486.6
<b>Financial Liabilities:</b>						
Interest-bearing deposits	1,619,283.6	1,624,611.7	1,904,154.0	1,909,557.3	38,820.7	38,930.8
Non-interest-bearing deposits	462,845.4	462,845.4	400,096.8	400,096.8	8,156.9	8,156.9
Securities sold under repurchase agreements	60,000.0	60,000.0	127,000.0	127,000.0	2,589.2	2,589.2
Short-term borrowings	76,686.7	76,686.7	95,546.1	95,546.1	1,947.9	1,947.9
Accrued interest payable	27,746.0	27,746.0	41,885.9	41,885.9	853.9	853.9
Long-term debt	93,287.2	94,373.6	160,495.2	159,800.5	3,272.1	3,257.9
Accrued expenses and other liabilities	203,084.2	203,084.2	252,317.9	252,317.9	5,144.1	5,144.1

**12. 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 from other segments for surplus funds placed with those segments. 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 also 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.

The wholesale banking segment provides loans and transaction services to corporate customers. As discussed above, loans to small and medium enterprises for commercial vehicles, construction equipment and other business purposes are included in retail banking segment. 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.

**Table of Contents**

The treasury services segment undertakes trading operations on the proprietary account (including investments in government securities), foreign exchange operations and derivatives trading both on the proprietary account and customer flows and borrowings. Revenues of the treasury services segment primarily consist of fees and gains and losses from trading operations and of net interest revenue/ expense from investments in government securities and borrowings. 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. Interest income is charged by a segment that provides funding to another segment, based on yields benchmarked to an internally developed composite yield curve which broadly tracks market-discovered interest rates.

Directly identifiable overheads are attributed to a segment at actual amounts incurred. Indirect shared costs, principally corporate office expenses, are generally allocated to each segment on the basis of area occupied, number of staff, volume and nature of transactions.

Summarized segment information for the six-month periods ended September 30,2010 and 2011:

	Six-months ended September 30, 2010									
	Retail Banking		Wholesale Banking		Treasury Services		Total			
	(In millions)									
Net interest income (External)	Rs.	26,190.1	Rs.	23,010.8	Rs.	253.7	Rs.	49,454.6		
Net interest income (Internal)		15,334.6		(15,387.3)		52.7				
Net interest revenue		41,524.7		7,623.5		306.4		49,454.6		
Less: Provision for credit losses		2,618.1		1,284.6				3,902.7		
Net interest revenue, after allowance for credit losses		38,906.6		6,338.9		306.4		45,551.9		
Non-interest revenue		18,261.2		3,153.0		(24.2)		21,390.0		
Non-interest expense		(33,836.5)		(4,521.8)		(373.4)		(38,731.7)		
Income before income tax	Rs.	23,331.3	Rs.	4,970.1	Rs.	(91.2)	Rs.	28,210.2		
Segment assets:										
Segment average total assets	Rs.	1,114,947.1	Rs.	1,221,303.3	Rs.	72,316.4	Rs.	2,408,566.8		
	Six-months ended September 30, 2011									
	Retail Banking		Wholesale Banking		Treasury Services		Total	Total		
	(In millions)									
Net interest income (External)	Rs.	10,390.7	Rs.	47,993.0	Rs.	1,039.4	Rs.	59,423.1	US\$	1,211.6
Net interest income (Internal)		41,529.7		(41,658.6)		128.9				
Net interest revenue		51,920.4		6,334.4		1,168.3		59,423.1		1,211.6
Less: Provision for credit losses		4,972.9		2,019.6		(95.0)		6,897.5		140.6
Net interest revenue, after allowance for credit losses		46,947.5		4,314.8		1,263.3		52,525.6		1,071.0
Non-interest revenue		20,115.9		4,051.4		(1,157.3)		23,010.0		469.0
Non-interest expense		(40,442.1)		(4,325.8)		(508.2)		(45,276.1)		(923.1)
Income before income tax	Rs.	26,621.3	Rs.	4,040.4	Rs.	(402.2)	Rs.	30,259.5	US\$	616.9

## Edgar Filing: HDFC BANK LTD - Form 6-K

### Segment assets:

Segment average total assets	Rs. 1,027,652.4	Rs. 1,825,513.0	Rs. 136,205.6	Rs. 2,989,371.0	US\$ 60,945.4
------------------------------	-----------------	-----------------	---------------	-----------------	---------------

F-27

**Table of Contents****13. Commitments and contingencies**

Commitments and contingent liabilities other than for off balance sheet financial instruments (see note 10) 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, 2011 and September 30, 2011 aggregated Rs. 3,551.2 million and Rs. 3,742.1 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 September 30, 2011 aggregated to Rs.1,539.2million. 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.

**Lease commitments**

Operating leases are primarily comprised of office premises, employee residences and ATMs, with a renewal option of the Bank. The future minimum lease payments as of September 30, 2011 were as follows:

Due during the twelve months ending September 30,	<b>Benefit payments (In millions)</b>	
2012	Rs. 4,746.4	US\$ 96.8
2013	4,303.7	87.7
2014	3,989.6	81.3
2015	3,644.7	74.3
2016	3,389.2	69.1
Thereafter	6,009.8	122.5
<b>Total</b>	<b>Rs. 26,083.4</b>	<b>US\$ 531.7</b>

**14. 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 September 30, 2011 is subject to a prudential floor, which is the higher of the following amounts:

- a) Minimum capital required as per the new framework (Basel II); or

- b) 80% of the minimum capital required to be maintained as per the Basel I framework.

F-28

**Table of Contents**

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			Basel II		
	As of March 31, 2011	As of September 30, 2011 (In millions)		As of March 31, 2011	As of September 30, 2011 (In millions)	
Tier 1 capital	Rs. 237,704.1	Rs. 263,099.3	US\$ 5,363.9	Rs. 237,183.5	Rs. 262,526.1	US\$ 5,352.2
Tier 2 capital	77,438.1	116,709.5	2,379.4	77,438.1	116,709.5	2,379.4
<b>Total capital</b>	<b>Rs. 315,142.2</b>	<b>Rs. 379,808.8</b>	<b>US\$ 7,743.3</b>	<b>Rs. 314,621.6</b>	<b>Rs. 379,235.6</b>	<b>US\$ 7,731.6</b>
Total risk-weighted assets and contingents	Rs. 2,057,206.2	Rs. 2,407,695.3	US\$ 49,086.6	Rs. 1,939,602.6	Rs. 2,294,316.2	US\$ 46,775.0

**Capital ratios of the Bank:**

Tier 1	11.56%	10.93%	12.23%	11.44%
Total capital	15.32%	15.77%	16.22%	16.53%
Minimum capital ratios required by the RBI:				
Tier 1	4.50%	4.50%	6.00%	6.00%
Total capital	9.00%	9.00%	9.00%	9.00%

**15. Earnings per equity share**

By a special resolution on July 6, 2011, the shareholders of the Bank approved a stock split resulting in a reduction in the par value of each equity share from Rs. 10.0 to Rs. 2.0 per equity share effective as of July 16, 2011. The number of issued and subscribed equity shares increased to 2,326,128,420 shares of par value Rs. 2.0 each. All share/ADS and per share/ADS data reflect the effect of the stock split retroactively. 1 ADS continues to represent 3 shares.

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 ESOPs with average outstanding balance of Nil and 32.4 million were excluded from the calculation of diluted earnings per share for the six months period ended September 30, 2010 and September 30, 2011, respectively, as these were anti-dilutive for the years.

	As of September 30,	
	2010	2011
Weighted average number of equity shares used in computing basic earnings per equity share	2,298,322,260	2,332,284,306
Effect of potential equity shares for stock options outstanding	34,463,640	22,543,919
Weighted average number of equity shares used in computing diluted earnings per equity share	2,332,785,900	2,354,828,225

The following are reconciliations of basic and diluted earnings per equity share and earnings per ADS.

Edgar Filing: HDFC BANK LTD - Form 6-K

	Six months ended September 30,		
	2010	2011	2011
Basic earnings per share	Rs. 7.96	Rs. 8.58	US\$ 0.18
Effect of potential equity shares for stock options outstanding	0.11	0.08	0.01
Diluted earnings per share	Rs. 7.85	Rs. 8.50	US\$ 0.17
Basic earnings per ADS	Rs. 23.89	Rs. 25.74	US\$ 0.53
Effect of potential equity shares for stock options outstanding	0.35	0.24	0.01
Diluted earnings per ADS	Rs. 23.54	Rs. 25.50	US\$ 0.52

F-29

**Table of Contents****16. Fair value measurement**

FASB Accounting Standards Codification ( ASC ) 820 (Topic 820) Fair Value Measures and Disclosures, 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. For Level 1 instruments the valuation is based upon the unadjusted quoted prices of identical instruments traded in active markets. For Level 2 instruments, where such quoted market prices are not available, the valuation is based upon the quoted prices for similar instruments in active markets, the quoted prices for identical or similar instruments in markets that are not active, prices quoted by market participants and prices derived from standard valuation methodologies or internally developed models that primarily use, as inputs, such as interest rates, yield curves, volatilities and credit spreads, which are available from public sources such as Reuters, Bloomberg and the Fixed Income Money Markets and Derivatives Association of India. The valuation methodology primarily includes discounted cash flow techniques. 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. The valuation of Level 3 instruments is based on valuation techniques or models which use significant market unobservable inputs or assumptions.

The Bank uses its quantitative pricing models to determine the fair value of its derivative instruments. These models use multiple market inputs including interest rates, prices and indices to generate continuous yield or pricing curves and volatility factors to value the position that are observable directly or indirectly. 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.

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, 2011 and September 30, 2011.



**Table of Contents**

The following table summarizes investments measured at fair value excluding investments carried at cost of Rs. 587.9 million on a recurring basis as of March 31, 2011, 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) (In millions)	Significant other observable inputs (Level 2)
Trading account securities	Rs. 38,216.9	Rs. 2.9	Rs. 38,214.0
Securities Available-for-Sale	628,117.0	874.0	627,243.0
<b>Total</b>	<b>Rs. 666,333.9</b>	<b>Rs. 876.9</b>	<b>Rs. 665,457.0</b>

The following table summarizes investments measured at fair value excluding investments carried at cost of Rs. 588.0 million on a recurring basis as of September 30, 2011, 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) (In millions)	Significant other observable inputs (Level 2)
Investments held for trading	Rs. 75,681.0	Rs. 63.7	Rs. 75,617.3
Investments available for sale	725,884.7	939.4	724,945.3
<b>Total</b>	<b>Rs. 801,565.7</b>	<b>Rs. 1,003.1</b>	<b>Rs. 800,562.6</b>
	US\$ 16,341.9	US\$ 20.5	US\$ 16,321.4

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, 2011, 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	Rs. 75,593.6	Rs.	Rs. 75,593.6	Rs.
Derivative liabilities	Rs. 74,401.8	Rs.	Rs. 74,401.8	Rs.



**Table of Contents**

The following table summarizes derivative instruments measured at fair value on a recurring basis as of September 30, 2011, 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	Rs. 144,133.0	Rs.	Rs. 144,133.0	Rs.
Derivative liabilities	Rs. 144,589.7	Rs.	Rs. 144,589.7	Rs.
<b>17. Accumulated other comprehensive income</b>				

The cumulative balances included in accumulated other comprehensive income are:

	As of March 31, 2011	As of September 30, 2011 (In millions)	
Net unrealized loss on available for sale securities	Rs. (5,661.0)	Rs. (9,777.3)	US\$ (199.4)
Foreign currency translation reserve	(51.5)	125.7	2.6
	Rs. (5,712.5)	Rs. (9,651.6)	US\$ (196.8)