

Annual Financial Statements 2021-22



State Bank of Pakistan

ANNUAL FINANCIAL STATEMENTS 2021-22



STATE BANK OF PAKISTAN



State Bank of Pakistan
KARACHI

JAMEEL AHMAD
GOVERNOR

LETTER OF TRANSMITTAL

October 31, 2022

Dear Mr. Chairman,

In compliance with section 40(3) of the State Bank of Pakistan Act, 1956, I am pleased to enclose the annual financial statements of the Bank, duly approved by the Board, along with the auditors' report thereon, for the financial year ended June 30, 2022 for submission to the Majlis-e-Shoora (Parliament).

With kind regards,

Yours sincerely,

A handwritten signature in blue ink, appearing to read "Muhammad Sadiq Sanjrani".

Muhammad Sadiq Sanjrani
Chairman,
Senate
Islamabad



State Bank of Pakistan
KARACHI

JAMEEL AHMAD
GOVERNOR

LETTER OF TRANSMITTAL

October 31, 2022

Dear Mr. Speaker,

In compliance with section 40(3) of the State Bank of Pakistan Act, 1956, I am pleased to enclose the annual financial statements of the Bank, duly approved by the Board, along with the auditors' report thereon for the financial year ended June 30, 2022 for submission to the Majlis-e-Shoora (Parliament).

With kind regards,

Yours sincerely,

A handwritten signature in blue ink, which appears to read "Raja Pervez Ashraf".

Raja Pervez Ashraf
Speaker,
National Assembly
Islamabad



State Bank of Pakistan
KARACHI

JAMEEL AHMAD
GOVERNOR

LETTER OF TRANSMITTAL

October 31, 2022

Dear Mr. Finance Minister,

In compliance with section 40(3) of the State Bank of Pakistan Act, 1956, I am pleased to enclose the annual financial statements of the Bank, duly approved by the Board, along with the auditors' report thereon, for the financial year ended June 30, 2022.

With kind regards,

Yours sincerely,

A handwritten signature in blue ink, which appears to be "Ishaq Dar", written in a cursive style.

Muhammad Ishaq Dar
Federal Minister for Finance,
Revenue and Economic Affairs
Government of Pakistan
Islamabad.

Table of Contents		
Chapters	Description	Page No.
01	Unconsolidated Financial Statements	
	1.1 Auditor's Report	1-4
	1.2 Unconsolidated Balance Sheet	5
	1.3 Unconsolidated Profit and Loss Account	6
	1.4 Unconsolidated Statement of Comprehensive Income	7
	1.5 Unconsolidated Statement of Changes in Equity	8
	1.6 Unconsolidated Statement of Cash Flows	9
	1.7 Notes to & Forming Part of the Unconsolidated Financial Statements	10-61
02	Consolidated Financial Statements	
	2.1 Auditor's Report	65-68
	2.2 Consolidated Balance Sheet	69
	2.3 Consolidated Profit and Loss Account	70
	2.4 Consolidated Statement of Comprehensive Income	71
	2.5 Consolidated Statement of Changes in Equity	72
	2.6 Consolidated Statement of Cash Flows	73
	2.7 Notes to & Forming Part of the Consolidated Financial Statements	74-134

A. F. FERGUSON & CO.
Chartered Accountants
State Life Building No. 1-C
I.I Chundrigar Road
P.O. Box 4716
Karachi – 74000

KPMG TASEER HADI & CO.
Chartered Accountants
Sheikh Sultan Trust Building
No. 2, Beaumont Road
Karachi-75530

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors of the State Bank of Pakistan

Report on the Audit of the Unconsolidated Financial Statements

Opinion

We have audited the unconsolidated financial statements of the State Bank of Pakistan (the Bank), which comprise the unconsolidated balance sheet as at June 30, 2022, and the unconsolidated profit and loss account, unconsolidated statement of comprehensive income, unconsolidated statement of changes in equity and unconsolidated statement of cash flows for the year then ended, and notes to the unconsolidated financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying unconsolidated financial statements give a true and fair view of the financial position of the Bank as at June 30, 2022, and of its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRSs).

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the '*Auditor's Responsibilities for the Audit of the Unconsolidated Financial Statements*' section of our report. We are independent of the Bank in accordance with the International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants as adopted by the Institute of Chartered Accountants of Pakistan (the Code), and we have fulfilled our other ethical responsibilities in accordance with these requirements and the Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the unconsolidated financial statements of the current period. These matters were addressed in the context of our audit of the unconsolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Key Audit Matters	How the matter was addressed in our audit
<p>1 Foreign currency accounts and investments (Refer note 8 of the annexed unconsolidated financial statements)</p> <p>The Bank maintained certain foreign currency accounts and investments which aggregated to Rs 2,178,254 million as at June 30, 2022. This includes balances aggregating to Rs 426,417 million which were placed through appointed fund managers by the Bank under the supervision of a custodian.</p> <p>The existence and valuation of these foreign currency accounts and investments were assessed by us as a significant risk area and therefore we considered this as a key audit matter.</p>	<p>Our audit procedures, among others, included the following:</p> <ul style="list-style-type: none"> ▪ We obtained understanding of the processes, evaluated the design and tested operating effectiveness of key controls throughout the year over recognition, derecognition and valuation of investments and related revenue; ▪ We sent direct confirmations to counterparties to confirm the balances of investment holdings; ▪ We obtained bank reconciliation statements for nostro balances and tested reconciling items on a sample basis; and

Key Audit Matters	How the matter was addressed in our audit
	<ul style="list-style-type: none"> ▪ We compared the prices to independent sources on a sample basis where quoted market prices were used. <p>Further, in respect of the investment made through the fund managers:</p> <ul style="list-style-type: none"> ▪ We obtained Type-2 report from the Custodian and the Fund Managers to assess that controls were suitably designed by the Fund Managers and the Custodian and operated effectively in respect of their activities; ▪ We obtained the monthly statement of changes in net assets provided by the Custodian used by the management for recognising income in respect of foreign currency securities and reconciled them with the accounting records of the Bank to assess that they are accurately recorded; and ▪ We performed substantive audit procedures on year-end balances of portfolio including evaluation of Custodian's statements, and re-performance of valuations on a test basis on the basis of observable data at the year end. <p>We also evaluated the adequacy of the overall disclosures in the unconsolidated financial statements in respect of the investment portfolio in accordance with the requirements of applicable financial reporting framework.</p>
<p>2 Fair value adjustment on loans given in response to COVID-19 pandemic (Refer note 14.7 of the annexed unconsolidated financial statements)</p>	<p>The Bank in response to COVID-19 pandemic has extended financing facility schemes and disbursed Rs 223,532 million during the year ended June 30, 2022. These facilities have been recorded at their fair value resulting in a fair valuation adjustment of Rs 85,842 million.</p> <p>The disbursement of these loans was considered to be a significant event for the Bank. Further, the measurement at the fair value involved management judgement with respect to the use of market rate. Accordingly, this was considered as a key audit matter.</p> <p>Our audit procedures, among others, included the following:</p> <ul style="list-style-type: none"> ▪ We obtained understanding, evaluated the design and tested the operating effectiveness of controls related to process for disbursements of these loans; ▪ We sent direct confirmations, on a sample basis, to the counterparties to confirm the balances of loans so disbursed; ▪ We evaluated the appropriateness of the valuation methodology used and assessed the reasonableness of the assumptions and inputs used to determine the fair value; and ▪ We also evaluated the adequacy of the disclosures in the financial statements in respect of the impact of fair valuation adjustment and related balances of these loans.

Information Other than the Consolidated and Unconsolidated Financial Statements and Auditor's Reports Thereon

Management is responsible for the other information. The other information comprises the information included in the Annual Report but does not include the consolidated and unconsolidated financial statements and our auditor's reports thereon.

Our opinion on the unconsolidated financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.

In connection with our audit of the unconsolidated financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the unconsolidated financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Responsibilities of Management and Those Charged with Governance for the Unconsolidated Financial Statements

Management is responsible for the preparation and fair presentation of the unconsolidated financial statements in accordance with IFRSs, and for such internal control as management determines is necessary to enable the preparation of unconsolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the unconsolidated financial statements, management is responsible for assessing the Bank's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Bank or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Bank's financial reporting process.

Auditor's Responsibilities for the Audit of the Unconsolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the unconsolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these unconsolidated financial statements.

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the unconsolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Bank's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.

- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Bank's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the unconsolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Bank to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the unconsolidated financial statements, including the disclosures, and whether the unconsolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the unconsolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partners on the audit resulting in this independent auditor's report are **Salman Hussain** (A. F. Ferguson & Co.) and **Muhammad Taufiq** (KPMG Taseer Hadi & Co.).

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A. F. FERGUSON & CO.
Chartered Accountants
Dated: October 31, 2022
Karachi
UDIN: AR202210113Mp6VPyarH

-sd-

KPMG TASEER HADI & CO.
Chartered Accountants
Dated: October 31, 2022
Karachi
UDIN: AR202210106qLJGbsAP4

STATE BANK OF PAKISTAN
UNCONSOLIDATED BALANCE SHEET
AS AT JUNE 30, 2022

	Note	2022 ----- (Rupees in '000) -----	2021
ASSETS			
Gold reserves held by the Bank	6	773,637,405	577,356,238
Local currency - coins	7	406,368	417,574
Foreign currency accounts and investments	8	2,178,254,073	2,858,844,812
Earmarked foreign currency balances	9	24,050,690	20,707,900
Special drawing rights of the International Monetary Fund	10	43,460,776	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	11	32,857	26,727
Securities purchased under agreement to resell	12	4,518,609,584	1,792,952,119
Current accounts of governments	21.2	-	33,793,930
Investments - local	13	6,404,017,650	6,949,854,459
Loans, advances and bills of exchange	14	2,070,809,903	1,179,961,654
Assets held with the Reserve Bank of India	15	14,816,323	11,268,449
Balances due from the Governments of India and Bangladesh	16	15,107,201	14,087,874
Property, plant and equipment	17	97,685,623	78,345,944
Intangible assets	18	169,737	98,187
Other assets	19	37,176,484	29,975,170
Total assets		16,178,234,674	13,608,462,043
LIABILITIES			
Banknotes in circulation	20	7,992,592,100	7,278,860,019
Bills payable		1,251,297	1,795,764
Current accounts of governments	21.1	1,547,182,248	1,295,486,434
Current account with SBP Banking Services Corporation - a subsidiary		10,511,671	51,241,327
Current account with National Institute of Banking and Finance (Guarantee) Limited - a subsidiary		197,142	202,002
Payable under bilateral currency swap agreement	22	926,914,096	748,494,053
Deposits of banks and financial institutions	23	1,254,854,143	1,327,525,331
Other deposits and accounts	24	737,432,402	629,053,127
Payable to the International Monetary Fund	25	1,351,258,808	845,358,651
Securities sold under agreement to repurchase	26	530,194,205	135,051,390
Other liabilities	27	133,999,955	75,071,011
Deferred liability - unfunded staff retirement benefits	28	41,057,892	36,697,486
Total liabilities		14,527,445,959	12,424,836,595
Net assets		1,650,788,715	1,183,625,448
REPRESENTED BY			
Share capital	29	100,000,000	100,000
Reserves	30	214,789,102	260,992,739
Unappropriated profit		371,186,191	161,973,830
Unrealised appreciation on gold reserves held by the Bank	31	769,061,112	572,779,945
Unrealised appreciation on remeasurement of investments - local	13.8	85,013,625	96,888,099
Surplus on revaluation of property	17.2	110,738,685	90,890,835
Total equity		1,650,788,715	1,183,625,448

Pursuant to the requirements of section 26 (1) of the SBP Act, 1956, the assets of the Bank specifically earmarked against the liabilities of the issue department have been detailed in note 20.1 to these unconsolidated financial statements.

The annexed notes from 1 to 52 form an integral part of these unconsolidated financial statements.

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Jameel Ahmad
Governor

-sd-

Dr. Murtaza Syed
Deputy Governor

-sd-

Saleemullah
Executive Director

STATE BANK OF PAKISTAN
UNCONSOLIDATED PROFIT AND LOSS ACCOUNT
FOR THE YEAR ENDED JUNE 30, 2022

	Note	2022	2021
		------(Rupees in '000)-----	
Discount, interest / mark-up and / or profit earned on financial assets measured at;			
- amortised cost	33	976,019,100	755,229,349
- fair value through profit or loss	33	15,764,901	12,790,878
Interest / mark-up expense	34	(60,594,806)	(52,693,517)
		<u>931,189,195</u>	<u>715,326,710</u>
Fair valuation adjustment on COVID loans - net	14.7	(63,223,220)	(45,731,983)
Commission income	35	6,689,594	5,244,753
Exchange (loss) / gain - net	36	(61,817,920)	135,349,167
Dividend income		632,500	500,000
Other operating (loss) / gain - net	37	(9,383,732)	2,198,903
Other income - net	38	5,199,771	397,309
		<u>(58,679,787)</u>	<u>143,690,132</u>
		<u>809,286,188</u>	<u>813,284,859</u>
Less: operating expenses			
- banknotes' printing charges	39	19,094,830	18,573,224
- agency commission	40	11,047,024	9,280,641
- general administrative and other expenses	41	32,714,758	28,498,650
Provision / (reversal of provision) against			
- other doubtful assets	27.3.1.1	376,377	(24,621)
Charge / (reversal) of credit loss allowance on financial instruments - net	42	1,886	(64,000)
		<u>378,263</u>	<u>(88,621)</u>
		<u>63,234,875</u>	<u>56,263,894</u>
Profit for the year		<u><u>746,051,313</u></u>	<u><u>757,020,965</u></u>

The annexed notes from 1 to 52 form an integral part of these unconsolidated financial statements.

-sd-

Jameel Ahmad
Governor

-sd-

Dr. Murtaza Syed
Deputy Governor

-sd-

Saleemullah
Executive Director

STATE BANK OF PAKISTAN
UNCONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME
FOR THE YEAR ENDED JUNE 30, 2022

	Note	2022 ------(Rupees in '000)-----	2021
Profit for the year		746,051,313	757,020,965
Other comprehensive (loss) / income			
<i>Item that may be reclassified subsequently to the profit and loss account:</i>			
Unrealised appreciation / (diminution) on gold reserves held by the Bank	6	196,281,167	(40,223,613)
<i>Items that will not be reclassified subsequently to the profit and loss account:</i>			
Unrealised (diminution) / appreciation on remeasurement of investments - local	13.8	(11,874,474)	35,471,130
Surplus on revaluation of property	17.2	19,847,850	-
Remeasurement loss on defined benefit plans	41.8.3.1	(2,186,735)	(1,091,012)
Remeasurement loss on defined benefit plans			
- Reimbursed to SBP Banking Services Corporation - a subsidiary	41.8.3.1	(7,382,765)	-
- Allocated to SBP Banking Services Corporation - a subsidiary	41.8.3.1	-	(2,342,489)
		(1,596,124)	32,037,629
Total comprehensive income for the year		<u>940,736,356</u>	<u>748,834,981</u>

The annexed notes from 1 to 52 form an integral part of these unconsolidated financial statements.

-sd-

Jameel Ahmad
Governor

-sd-

Dr. Murtaza Syed
Deputy Governor

-sd-

Saleemullah
Executive Director

STATE BANK OF PAKISTAN
UNCONSOLIDATED STATEMENT OF CHANGES IN EQUITY
FOR THE YEAR ENDED JUNE 30, 2022

	Share capital	Reserves										Unrealised appreciation / (diminution) on gold reserves held by the Bank (note 31)	Unrealised appreciation / (diminution) on remeasurement of investments - local (note 13.8)	Surplus on revaluation of property and equipment	Total	
		General reserve (note 30.1)	Reserve fund (note 30.1)	Reserve for building up share capital	Reserve for acquisition of PSPC (note 30.2)	Rural credit fund	Industrial credit fund	Export credit fund	Loans guarantee fund	Housing credit fund	Subtotal					Unappropriated profit
(Rupees in '000)																
Balance as at July 1, 2020	100,000	-	20,951,762	67,673,343	67,464,000	2,600,000	1,600,000	1,500,000	900,000	4,700,000	167,389,105	152,541,510	613,003,558	61,416,969	90,890,835	1,085,341,977
Profit for the year	-	-	-	-	-	-	-	-	-	-	-	757,020,965	-	-	-	757,020,965
Other comprehensive income																
Unrealised appreciation on remeasurement of investments - local (note 13.8)	-	-	-	-	-	-	-	-	-	-	-	-	-	35,471,130	-	35,471,130
Unrealised diminution on gold reserves held by the Bank (note 6)	-	-	-	-	-	-	-	-	-	-	-	-	(40,223,613)	-	-	(40,223,613)
Remeasurements of staff retirement defined benefit plans - SBP (note 41.8.3.1)	-	-	-	-	-	-	-	-	-	-	-	(1,091,012)	-	-	-	(1,091,012)
Remeasurements of staff retirement defined benefit plans - allocated by SBP Banking Services Corporation a subsidiary (note 41.8.3.1)	-	-	-	-	-	-	-	-	-	-	-	(2,342,489)	-	-	-	(2,342,489)
	-	-	-	-	-	-	-	-	-	-	-	(3,433,501)	(40,223,613)	35,471,130	-	(8,185,984)
Total comprehensive income / (loss) for the year	-	-	-	-	-	-	-	-	-	-	-	753,587,464	(40,223,613)	35,471,130	-	748,834,981
Appropriations																
Transfer to the reserve fund (note 30.1)	-	-	93,603,634	-	-	-	-	-	-	-	93,603,634	(93,603,634)	-	-	-	-
Transactions with owners																
Dividend	-	-	-	-	-	-	-	-	-	-	-	(10,000)	-	-	-	(10,000)
Profit transferred to the Government of Pakistan	-	-	-	-	-	-	-	-	-	-	-	(650,541,510)	-	-	-	(650,541,510)
	-	-	-	-	-	-	-	-	-	-	-	(650,551,510)	-	-	-	(650,551,510)
Balance as at June 30, 2021	100,000	-	114,555,396	67,673,343	67,464,000	2,600,000	1,600,000	1,500,000	900,000	4,700,000	260,992,739	161,973,830	572,779,945	96,888,099	90,890,835	1,183,625,448
Profit for the year	-	-	-	-	-	-	-	-	-	-	-	746,051,313	-	-	-	746,051,313
Other comprehensive income																
Unrealised diminution on remeasurement of investments - local (note 13.8)	-	-	-	-	-	-	-	-	-	-	-	-	-	(11,874,474)	-	(11,874,474)
Unrealised appreciation on gold reserves held by the Bank (note 6)	-	-	-	-	-	-	-	-	-	-	-	-	196,281,167	-	-	196,281,167
Surplus on revaluation of property (note 17.2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,847,850	19,847,850
Remeasurements of staff retirement defined benefit plans - SBP (note 41.8.3.1)	-	-	-	-	-	-	-	-	-	-	-	(2,186,735)	-	-	-	(2,186,735)
Remeasurements of staff retirement defined benefit plans - allocated by SBP Banking Services Corporation a subsidiary (note 41.8.3.1)	-	-	-	-	-	-	-	-	-	-	-	(7,382,765)	-	-	-	(7,382,765)
	-	-	-	-	-	-	-	-	-	-	-	(9,569,500)	196,281,167	(11,874,474)	19,847,850	194,685,043
Total comprehensive income / (loss) for the year	-	-	-	-	-	-	-	-	-	-	-	736,481,813	196,281,167	(11,874,474)	19,847,850	940,736,356
Appropriations																
Transfer to the general reserves (note 30.1)	-	147,296,363	-	-	-	-	-	-	-	-	147,296,363	(147,296,363)	-	-	-	-
Capitalisation of share capital (note 29.2)	99,900,000	-	(20,926,657)	(67,673,343)	-	(2,600,000)	(1,600,000)	(1,500,000)	(900,000)	(4,700,000)	(99,900,000)	-	-	-	-	-
Transactions with owners																
Profit transferred to the Government of Pakistan (note 30.1)	-	-	(93,600,000)	-	-	-	-	-	-	-	(93,600,000)	(379,973,089)	-	-	-	(473,573,089)
	-	-	(93,600,000)	-	-	-	-	-	-	-	(93,600,000)	(379,973,089)	-	-	-	(473,573,089)
Balance as at June 30, 2022	100,000,000	147,296,363	28,739	-	67,464,000	-	-	-	-	-	214,789,102	371,186,191	769,061,112	85,013,625	110,738,685	1,650,788,715

The annexed notes from 1 to 52 form an integral part of these unconsolidated financial statements.

-sd-

Jameel Ahmad
Governor

-sd-

Dr. Murtaza Syed
Deputy Governor

-sd-

Saleemullah
Executive Director

STATE BANK OF PAKISTAN
UNCONSOLIDATED STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED JUNE 30, 2022

	Note	2022	2021
		------(Rupees in '000)-----	
CASH FLOWS FROM OPERATING ACTIVITIES			
Profit for the year after non-cash and other items	43	844,282,794	635,973,894
(Increase) / decrease in assets:			
Foreign currency accounts and investments		437,177,724	(146,643,836)
Gold reserves held by the Bank		-	(84,814)
Securities purchased under agreement to resell		(2,725,666,191)	(875,412,471)
Investments - local		533,962,335	593,975,607
Loans, advances and bills of exchange		(954,077,025)	(430,074,494)
Other assets		(5,676,533)	1,149,937
		(2,714,279,690)	(857,090,071)
		(1,869,996,896)	(221,116,177)
Increase / (decrease) in liabilities:			
Banknotes issued - net		713,732,081	820,096,913
Bills payable		(544,467)	569,728
Current accounts of Governments		285,489,744	543,059,508
Current account with SBP Banking Services Corporation - a subsidiary		(40,729,656)	(883,292)
Current account National Institute of Banking and Finance (Guarantee) Limited - a subsidiary		(4,860)	15,395
Payable to Islamic Banking Institutions against Bai Muajjal transactions		-	(19,512,958)
Payable under bilateral currency swap agreement		178,420,043	271,771,457
Deposits of banks and financial institutions		(72,671,188)	156,421,772
Payment of retirement benefits and employees' compensated absences		(3,350,070)	(3,223,258)
Other deposits and accounts		108,379,275	(464,569,355)
Securities sold under agreement to repurchase		665,245,595	135,051,390
Other liabilities		4,189,125	(28,442,918)
		1,838,155,622	1,410,354,382
		(31,841,274)	1,189,238,205
Net cash (used in) / generated from operating activities			
CASH FLOWS FROM INVESTING ACTIVITIES			
Dividend received		632,500	500,000
Capital expenditure		(1,000,885)	(1,167,130)
Proceeds from disposal of property, plant and equipment		43,775	22,005
Net cash used in investing activities		(324,610)	(645,125)
CASH FLOWS FROM FINANCING ACTIVITIES			
Profit paid to the Federal Government of Pakistan		(473,573,089)	(650,541,510)
Net change in balances pertaining to IMF		390,909,821	(179,248,811)
Dividend paid		-	(10,000)
Net cash used in financing activities		(82,663,268)	(829,800,321)
(Decrease) / increase in cash and cash equivalents during the year		(114,829,152)	358,792,759
Cash and cash equivalents at the beginning of the year		2,336,799,737	1,935,974,295
Effect of exchange gain on cash and cash equivalents		(168,613,213)	42,032,683
Cash and cash equivalents at the end of the year	44	2,053,357,372	2,336,799,737

The annexed notes from 1 to 52 form an integral part of these unconsolidated financial statements.

-sd-

Jameel Ahmad
Governor

-sd-

Dr. Murtaza Syed
Deputy Governor

-sd-

Saleemullah
Executive Director

STATE BANK OF PAKISTAN
NOTES TO AND FORMING PART OF THE UNCONSOLIDATED FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2022

1 STATUS AND NATURE OF OPERATIONS

1.1 State Bank of Pakistan (the Bank) is the central bank of Pakistan and is incorporated under the State Bank of Pakistan Act, 1956. The Bank's primary responsibility is to achieve and maintain domestic price stability, to contribute to the stability of financial system of Pakistan and to support governments general economic policies with a view to contributing to fostering the development and fuller utilisation of Pakistan's productive resources. The activities of the Bank includes:

- determine and implement monetary policy;
- formulate and implement the exchange rate policy;
- carry out and disseminate research relevant to Bank's objectives and functions;
- hold and manage all international reserves of Pakistan;
- issue and manage the currency of Pakistan, including regulating their denominations;
- collect and produce statistics relevant to the Bank's objectives and functions;
- operate and exercise oversight over payment systems;
- license, regulate and supervise scheduled banks and financial institutions that fall under the domain of the Bank as further specified in this Act or any other Act;
- resolve scheduled banks and other financial institutions that fall under the domain of the Bank as further specified in this Act or any other Act;
- adopt and implement macro-prudential policy measures for scheduled banks and financial institutions that fall under the domain of the Bank;
- act as the banker, financial adviser and fiscal agent to the Government, and its agencies, on the mutually agreed terms and conditions; and
- cooperate with domestic and foreign public entities, concerning matters related to its objectives and functions.

1.2 The head office of the Bank is situated at I. I. Chundrigar Road, Karachi, in the province of Sindh, Pakistan.

1.3 These financial statements are unconsolidated (separate) financial statements of the Bank in which investments in subsidiaries are carried at cost. The consolidated financial statements of the Bank and its subsidiaries are presented separately.

The subsidiaries of the Bank and the nature of their respective activities are as follows:

a) SBP Banking Services Corporation - wholly owned subsidiary:

SBP Banking Services Corporation (the Corporation) was established in Pakistan under the SBP Banking Services Corporation Ordinance, 2001 (the Ordinance) and commenced its operations with effect from January 2, 2002. It is responsible for carrying out certain statutory and administrative functions and activities on behalf of the Bank, as transferred or delegated by the Bank under the provisions of the Ordinance.

The head office of the Corporation is situated at I. I. Chundrigar Road, Karachi, in the province of Sindh, Pakistan.

b) National Institute of Banking and Finance (Guarantee) Limited - wholly owned subsidiary:

National Institute of Banking and Finance (Guarantee) Limited (the Institute) was incorporated in Pakistan under the repealed Companies Ordinance, 1984 (now Companies Act, 2017) as a company limited by guarantee having share capital. It is engaged in providing education and training in the field of banking, finance and allied areas.

The head office of the Institute is situated at NIBAF Building, Street 4, Pitras Bukhari Road, H-8/1, Islamabad, Pakistan.

c) Pakistan Security Printing Corporation (Private) Limited - wholly owned subsidiary :

Pakistan Security Printing Corporation (Private) Limited (PSPC) was incorporated in Pakistan under the repealed Companies Act, 1913 (now Companies Act, 2017) and is a wholly owned subsidiary of the Bank. PSPC is principally engaged in the printing of currency notes and national prize bonds on behalf of the Bank.

The registered office and the factory of the PSPC are located at Jinnah Avenue, Malir Halt Karachi, in the province of Sindh, Pakistan.

2 STATEMENT OF COMPLIANCE

These unconsolidated financial statements have been prepared in accordance with the requirements of the International Financial Reporting Standards (IFRSs) as issued by the International Accounting Standards Board (IASB).

3 BASIS OF MEASUREMENT

3.1 These unconsolidated financial statements have been prepared under the historical cost convention, except that gold reserves, certain foreign currency accounts and investments, certain local investments and certain items of property as referred to in their respective notes have been included at revalued amounts and certain staff retirement benefits and provision for employees' compensated absences have been carried at present value of defined benefit obligations.

3.2 These unconsolidated financial statements are presented in Pakistani Rupees (PKR), which is the Bank's functional and presentation currency.

3.3 Standards, interpretations of and amendments to the IFRSs that are effective in the current year

There are certain new or amended standards and interpretations that became effective during the current year, but are considered not to be relevant or did not have any significant effect on the Bank's operations and are, therefore, not detailed in these unconsolidated financial statements.

3.4 Standards, interpretations of and amendments to the IFRSs that are not yet effective

3.4.1 The following standards, interpretations and amendments of the IFRSs would be effective from the dates mentioned below against the respective standards or interpretations:

Standards	Effective date (annual periods beginning on or after)
- IAS 1, 'Presentation of financial statements' (amendments)	January 1, 2024
- IAS 8, 'Accounting policies, changes in accounting estimates and errors' (amendments)	January 1, 2023
- IAS 16, 'Property, plant and equipment' (amendments)	January 1, 2022
- IAS 37, 'Provisions, contingent liabilities and contingent assets' (amendments)	January 1, 2022
- IFRS 9, 'Financial instruments' (amendments)	January 1, 2022
- IFRS 3, 'Business combinations' (amendments)	January 1, 2022

The management is in the process of assessing the impact of the above amendments on the unconsolidated financial statements.

3.4.2 There are certain other new or amended standards and interpretations that are mandatory for the accounting period beginning on or after July 1, 2022, but are considered not to be relevant or will not have any significant effect on the Bank's operations and are, therefore, not detailed in these unconsolidated financial statements.

4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND DISCLOSURES

The significant accounting policies applied in the preparation of these unconsolidated financial statements are set out below. These policies are consistently applied from year to year, except as stated otherwise.

4.1 Banknotes in circulation and local currency coins

The liability of the Bank towards banknotes issued as a legal tender under the State Bank of Pakistan Act, 1956, is stated at face value and is represented by the specified assets of the issue department of the Bank as per the requirements stipulated in the State Bank of Pakistan Act, 1956. The cost of printing of notes is charged to the unconsolidated profit and loss account as and when incurred. Any un-issued fresh banknotes lying with the Bank and previously issued notes held by the Bank are not reflected in the unconsolidated balance sheet.

The Bank also issues coins of various denominations on behalf of the Government of Pakistan (GoP). These coins are purchased from the GoP at their respective face values. The coins held by the Bank form part of the assets of the issue department.

4.2 Financial assets and financial liabilities

Financial assets carried on the unconsolidated balance sheet include local currency coins, foreign currency accounts and investments, earmarked foreign currency balances, investments - local, loans, advances and bills of exchange, assets held with Reserve Bank of India (other than gold held by Reserve Bank of India), balances due from the governments of India and Bangladesh, securities under agreement to re-sell and certain other assets where as financial liabilities carried on the unconsolidated balance sheet includes current account with SBP Banking Services Corporation - a subsidiary, current account with National Institute of Banking and Finance (Guarantee) Limited - a subsidiary, banknotes in circulation, bills payable, deposits of banks and financial institutions, balances and securities under agreement to re-purchase transactions, current accounts of governments, balances with the International Monetary Fund (IMF), amount payable under bilateral currency swap agreement, other deposits and accounts and certain other liabilities. The particular recognition and measurement methods adopted are disclosed in the individual policy statements associated with each financial instrument.

4.2.1 Financial instruments – initial recognition

All financial assets are initially recognised on the trade date, i.e. the date at which the Bank becomes a party to the contractual provisions of the instruments. This includes purchases or sale of financial assets that require delivery of asset within the time frame generally established by regulations in market conventions.

All financial assets and financial liabilities are measured initially at their fair value plus transaction costs, except in the case of financial assets and financial liabilities recorded at fair value through profit or loss where transaction cost is taken directly to the unconsolidated profit and loss account.

4.2.2 Classification and subsequent measurement of financial assets and liabilities

The Bank classifies all of its financial assets other than equity instruments based on two criteria: a) the Bank's business model for managing the assets; and b) whether the instruments' contractual cash flows represent 'solely payments of principal and interest' on the principal amount outstanding (the 'SPPI test'). The financial assets are measured at either:

- amortised cost, as explained in note 4.2.3;
- fair value through other comprehensive income (FVOCI), as explained in note 4.2.4 and 4.2.5; or
- fair value through profit or loss (FVPL), as explained in note 4.2.6.

a) Business model assessment

The Bank determines its business model at the level that best reflects how it manages groups of financial assets to achieve its business objective.

The Bank's business model is not assessed on an instrument-by-instrument basis, but at a higher level of aggregated portfolios and is based on observable factors such as:

- how the performance of the business model and the financial assets held within that business model are evaluated and reported to the Bank's board / board committees;
- the risks that affect the performance of the business model (and the financial assets held within that business model) and, in particular, the way those risks are managed; and
- the expected frequency, value and timing of sale which also form important aspects of the Bank's assessment.

The business model assessment is based on reasonably expected scenarios without taking 'worst case' or 'stress case' scenarios into account. If cash flows after initial recognition are realised in a way that is different from the Bank's original expectations, the Bank does not change the classification of the remaining financial assets held in that business model, but incorporates such information when assessing newly originated or newly purchased financial assets going forward.

b) The SPPI test

As a second step of its classification process, the Bank assesses the contractual terms of financial assets to identify whether they meet the SPPI test.

'Principal' for the purpose of this test is defined as the fair value of the financial asset at initial recognition and may change over the life of the financial asset. The most significant elements of 'interest' within a lending arrangement are typically the consideration for the time value of money and credit risk. To make the SPPI assessment, the Bank applies judgement and considers relevant factors such as the currency in which the financial asset is denominated and the period for which the interest rate is set.

The Bank classifies and measures its derivatives and trading portfolio at FVPL as explained in note 4.2.8. The Bank may designate financial instruments at FVPL, if doing so eliminates or significantly reduces measurement or recognition inconsistencies, as explained in note 4.2.6.

Financial liabilities, other than loan commitments and financial guarantees, are measured at amortised cost or at FVPL when they are held for trading and derivative instruments or the fair value designation is applied, as explained in notes 4.2.6 and 4.2.7.

4.2.3 Financial assets at amortised cost

The Bank classifies its financial assets at amortised cost only if both of the following conditions are met:

- the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest (SPPI) on the principal amount outstanding; and
- the financial asset is held within a business model with the objective to hold financial assets in order to collect contractual cash flows.

After initial measurement, these financial instruments are subsequently measured at amortised cost using the effective interest rate (EIR), less impairment (if any).

4.2.4 Debt instruments at FVOCI

The Bank classifies its financial instruments at FVOCI when both of the following conditions are met:

- the instrument is held within a business model, the objective of which is achieved by both collecting contractual cash flows and selling financial assets; and
- the contractual terms of the financial asset meet the SPPI test.

FVOCI debt instruments are subsequently measured at fair value with gains and losses arising due to changes in fair value recognised in other comprehensive income (OCI). Interest income and foreign exchange gains and losses are recognised in the unconsolidated profit or loss account in the same manner as for financial assets measured at amortised cost as explained in note 4.11.

The ECL for debt instruments measured at FVOCI do not reduce the carrying amount of these financial assets in the unconsolidated balance sheet, which remains at fair value. Instead, an amount equal to the allowance that would arise if the assets were measured at amortised cost is recognised in OCI as an accumulated impairment amount, with a corresponding charge to unconsolidated statement of comprehensive income. The accumulated loss recognised in OCI is recycled to the unconsolidated profit and loss upon derecognition of the assets.

On derecognition, cumulative gains or losses previously recognised in OCI are reclassified from OCI to unconsolidated profit and loss account.

4.2.5 Equity instruments at FVOCI

At initial recognition, the Bank may elect to classify irrevocably some of its equity investments as equity instruments at FVOCI when they meet the definition of 'equity' under IAS 32 'financial instruments: presentation' and are not held for trading. Such classification is determined on an instrument-by-instrument basis.

FVOCI equity instruments are subsequently measured at fair value with gains and losses arising due to changes in fair value recognised in other comprehensive income (OCI), cumulative gains and losses previously recognised in OCI can never be recycled to the unconsolidated profit and loss account. Dividends are recognised in the profit and loss account as other operating income when the right of the payment has been established, (except when the Bank benefits from such proceeds as a recovery of part of the cost of the instrument, in which case, such gains are recorded in OCI). Equity instruments at FVOCI are not subject to an impairment assessment.

4.2.6 Financial assets and financial liabilities at fair value through profit or loss

Financial assets and financial liabilities in this category are those that are held for trading and have been either designated by management upon initial recognition or are mandatorily required to be measured at fair value under IFRS 9. Management only designates an instrument at FVPL upon initial recognition when one of the following criteria are met. Such designation is determined on an instrument-by-instrument basis:

- the designation eliminates, or significantly reduces, the inconsistent treatment that would otherwise arise from measuring the assets or liabilities or recognising gains or losses on them on a different basis, or

- the liabilities are part of a group of financial liabilities, which are managed and their performance is evaluated on a fair value basis, in accordance with a documented risk management or investment strategy, or
- the liabilities containing one or more embedded derivatives, unless they do not significantly modify the cash flows that would otherwise be required by the contract, or it is clear with little or no analysis when a similar instrument is first considered that separation of the embedded derivative(s) is prohibited.

Financial assets and financial liabilities at FVPL are recorded in the unconsolidated balance sheet at fair value. Changes in fair value are recorded in the unconsolidated profit and loss account. Interest earned or incurred on instruments designated at FVPL is accrued in interest income or interest expense, respectively, using the EIR, taking into account any discount / premium and qualifying transaction costs being an integral part of instrument. Interest earned on assets mandatorily required to be measured at FVPL is recorded using contractual interest rate.

4.2.7 Financial liabilities at amortised cost

Financial liabilities with a fixed maturity are measured at amortised cost using the effective interest rate. These include deposits of banks and financial institutions, other deposits and accounts, securities sold under agreement to repurchase, payable under bilateral currency swap agreement, current accounts of governments, current account with SBP - Banking Services Corporation - a subsidiary, current account with National Institute of Banking and Finance (Guarantee) Limited - a subsidiary, payable to the IMF, banknotes in circulation, bills payable and certain other liabilities.

4.2.8 Derivative financial instruments

The Bank uses derivative financial instruments which include forwards, futures and swaps. Derivatives are initially recorded at fair value and carried as assets when their fair value is positive and as liabilities when their fair value is negative. Derivatives are re-measured to fair value on subsequent reporting dates. The resultant gains or losses from derivatives are included in the unconsolidated profit and loss account. Forwards, futures and swaps are shown under commitments in note 32.2.

4.2.9 Reclassification of financial assets and liabilities

The Bank does not reclassify its financial assets subsequent to their initial recognition, apart from the exceptional circumstances in which the Bank acquires, disposes of, or terminates a business line. Financial liabilities are never reclassified.

4.2.10 Derecognition of financial asset and financial liabilities

a) Financial assets

The Bank derecognises a financial asset, such as a loan, when the terms and conditions have been renegotiated to the extent that, substantially, it becomes a new loan, with the difference recognised as a derecognition gain or loss, to the extent that an impairment loss has not already been recorded. The newly recognised loans are classified as stage 1 for ECL measurement purposes, unless the new loan is deemed to be purchased or originated credit impaired. If the modification does not result in cash flows that are substantially different, the modification does not result in derecognition. Based on the change in cash flows discounted at the original EIR, the Bank records a modification gain or loss, to the extent that an impairment loss has not already been recorded.

b) Financial liabilities

A financial liability is derecognised when the obligation under the liability is discharged or cancelled or expired. Where an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and the recognition of new liability, and the difference in the respective carrying amount is recognised in the unconsolidated profit and loss account.

4.2.11 Impairment of financial assets

4.2.11.1 Overview of the expected credit losses (ECL) principles

The Bank is recording the allowance for expected credit losses for all loans and other debt financial assets not held at FVPL, together with loan commitments and financial guarantee contracts, in this section all referred to as 'financial instruments'. Equity instruments are not subject to ECL.

The ECL allowance is based on the credit losses expected to arise over the life of the asset, [the lifetime expected credit loss (LTECL)], unless there has been no significant increase in credit risk since initial recognition, in which case, the allowance is based on the 12 months' expected credit loss (12mECL) as outlined in note 4.2.11.2. The Bank's policies for determining if there has been a significant increase in credit risk are set out in note 46.1.2.5.

The 12mECL is the portion of LTECL that represent the ECL that result from default events on a financial instrument that are probable within the 12 months after the reporting date.

The Bank has established a policy to perform an assessment, at the end of each reporting period, of whether a financial instrument's credit risk has increased significantly since initial recognition, by considering the change in the risk of default occurring over the remaining life of the financial instrument.

Based on the above process, the Bank groups its loans into stage 1, stage 2 and stage 3 as described below:

- stage 1: when loans are first recognised, the Bank recognises an allowance based on 12mECL. Stage 1 loans also include facilities where the credit risk has improved and the loan has been reclassified from stage 2.
- stage 2: when a loan has shown a significant increase in credit risk since initial recognition, the Bank records an allowance for the LTECL. Stage 2 loans also include facilities, where the credit risk has improved and the loan has been reclassified from stage 3.
- stage 3: loans considered credit-impaired (as outlined in note 46.1.2.1). The bank records an allowance for the LTECL.

For financial assets for which the Bank has no reasonable expectations of recovering either the entire outstanding amount, or a proportion thereof, the gross carrying amount of the financial asset is reduced. This is considered a partial derecognition of the financial asset.

4.2.11.2 The calculation of ECL

The Bank calculates ECL based on three probability-weighted scenarios to measure the expected cash shortfalls, discounted at an approximation to the EIR. A cash shortfall is the difference between the cash flows that are due to an entity in accordance with the contract and the cash flows that the entity expects to receive.

The mechanics of the ECL calculations are outlined below and the key elements are, as follows:

- EAD Exposure at default (EAD) is an estimate of the exposure at a future default date, taking into account expected changes in the exposure after the reporting date, including repayments of principal and interest, whether scheduled by contract or otherwise, expected drawdowns on committed facilities, and accrued interest from missed payments. The EAD is further explained in note 46.1.2.3.
- PD Probability of default (PD) is an estimate of the likelihood of default over a given time horizon. A default may only happen at a certain time over the assessed period, if the facility has not been previously derecognised and is still in the portfolio. The concept of PDs is further explained in note 46.1.2.2.
- LGD Loss given default (LGD) is an estimate of the loss arising in the case where a default occurs at a given time. It is based on the difference between the contractual cash flows due and those that the lender would expect to receive, including from the realisation of any collateral. It is usually expressed as a percentage of the EAD. The LGD is further explained in note 46.1.2.4.

When estimating the ECL, the Bank considers three scenarios (a base case, a best case and a worse case). Each of these is associated with different PD. When relevant, the assessment of multiple scenarios also incorporates how defaulted loans are expected to be recovered, including the probability that the loans will cure and the value of collateral or the amount that might be received for selling the asset.

The maximum period for which the credit losses are determined is the contractual life of a financial instrument unless the Bank has the legal right to call it earlier.

The mechanics of the ECL method are summarised below:

- stage 1: the 12mECL is calculated as the portion of LTECL that represent the ECL that result from default events on a financial instrument that are probable within the 12 months after the reporting date. The Bank calculates the 12mECL allowance based on the expectation of a default occurring in the 12 months following the reporting date. These expected 12-month default probabilities are applied to a forecast EAD and multiplied by the expected LGD and discounted by an approximation to the original EIR. This calculation is made for each of the three scenarios, as explained above.
- stage 2: when a loan has shown a significant increase in credit risk since initial recognition, the Bank records an allowance for the LTECL. The mechanics are similar to those explained above, including the use of multiple scenarios, but PDs are estimated over the lifetime of the instrument. The expected cash shortfalls are discounted by an approximation to the original EIR.
- stage 3: for loans considered credit-impaired (as defined in note 46.1.2.1), the Bank recognises the lifetime expected credit losses for these loans. The method is similar to that for stage 2 assets, with the PD set at 100%.
- financial guarantee contracts: the Bank's liability under each guarantee is measured at the higher of the amount initially recognised less cumulative amortisation recognised in the unconsolidated profit and loss account, and the ECL provision. For this purpose, the Bank estimates ECL based on the present value of the expected payments to reimburse the holder for a credit loss that it incurs. The shortfalls are discounted by the risk-adjusted interest rate relevant to the exposure. The calculation is made using a probability-weighting of the three scenarios.

4.2.11.3 Forward looking information

The Bank formulates a base case view of the future direction of relevant economic variables and a representative range of other possible forecast scenarios and consideration of a variety of external actual and forecast information. This process involves developing three different economic scenarios, which represent a range of scenarios linked to various macro-economic factors.

4.2.11.4 Credit enhancements: collateral valuation and financial guarantees

To mitigate its credit risks on financial assets, the Bank seeks to use collateral. The collateral comes in various forms, such as cash, securities, letters of credit / guarantees and demand promissory notes. To the extent possible, the Bank uses active market data for valuing financial assets held as collateral.

4.2.12 Offsetting of financial assets and financial liabilities

A financial asset and a financial liability are offset and the net amount is reported in the unconsolidated financial statements when the Bank currently has a legally enforceable right to set off the recognised amount and it intends either to settle on a net basis or to realise the asset and to settle the liability simultaneously.

4.3 Collateralised borrowings / lending

4.3.1 Repurchase and reverse repurchase agreements

Securities sold subject to a commitment to repurchase them at a pre-determined price, are retained on the unconsolidated balance sheet and a liability is recorded in respect of the consideration received as securities sold under agreement to repurchase. Conversely, securities purchased under analogous commitment to resell are not recognised on the unconsolidated balance sheet and an asset is recorded in respect of the consideration paid as securities purchased under agreement to resell. The difference between the sale and repurchase price in the repurchase transaction and the purchase price and resell price in reverse repurchase transaction represents expense and income respectively, and is recognised in the unconsolidated profit and loss account on time proportion basis. Both repurchase and reverse repurchase transactions are reported at transaction value inclusive of any accrued expense / income.

4.3.2 Payable under bilateral currency swap agreement

Bilateral currency swap agreements with counterpart central bank involve the purchase / sale and subsequent resale / repurchase of local currencies of counterpart central banks against PKR at the applicable exchange rate (determined in accordance with the terms of the agreement). The actual use of facility by the Bank / counterpart central bank in the agreement is recorded as borrowing / lending in books of the Bank and interest is charged / earned at agreed rates to the unconsolidated profit and loss account on a time proportion basis from the date of actual use. Any unutilised limit of the counterpart's drawing is reported as commitments in note 32.2.6.

4.4 Gold reserves held by the Bank

Gold is recorded at cost, which is the prevailing market rate, at initial recognition. Subsequent to initial measurement, it is revalued at the closing market rate of the fine gold content fixed by the London Bullion Market Association on the last working day of the year which is also the requirement of section 30 (2) of the State Bank of Pakistan Act, 1956 and the State Bank of Pakistan General Regulation No.42(vi). Appreciation or diminution, if any, on revaluation is taken to equity under the head 'unrealised appreciation on gold reserves'. Appreciation / diminution realised on disposal of gold is taken to the unconsolidated profit and loss account. Unrealised appreciation / diminution on gold reserves held with the Reserve Bank of India is not recognised in the unconsolidated statement of changes in equity, pending transfer of these assets to the Bank subject to final settlement between the Governments of Pakistan and India. Instead it is shown in other liabilities as provision for other doubtful assets.

4.5 Property, plant and equipment

Property, plant and equipment except land, buildings and capital work-in-progress (CWIP) are stated at cost less accumulated depreciation and accumulated impairment losses, if any. Freehold land is stated at revalued amount. Leasehold land and buildings are stated at revalued amount less accumulated depreciation and accumulated impairment losses, (if any). CWIP is stated at cost less accumulated impairment losses, if any and consists of expenditure incurred and advances made in respect of fixed assets in the course of their acquisition, construction and installation. CWIP assets are capitalised to relevant asset category as and when work is completed.

Depreciation on property, plant and equipment is charged to the unconsolidated profit and loss account using the straight-line method whereby the cost / revalued amount of an asset is written off over its estimated useful life at the rates specified in note 17.1 to these unconsolidated financial statements. The useful life of assets is reviewed and adjusted, if appropriate, at each reporting date.

Estimates of useful life and residual value of property, plant and equipment are based on the management's best estimate. The assets' residual value, depreciation method and useful life are reviewed, and adjusted, if appropriate, at each reporting date.

Depreciation on additions is charged to the unconsolidated profit and loss account from the month in which the asset is available for use while no depreciation is charged in the month in which the assets are written-off / disposed off. Normal repairs and maintenance are charged to the unconsolidated profit and loss account as and when incurred. Major renewals and improvements are capitalised and the assets so replaced, if any, are retired. Gains and losses on disposal of fixed assets are included in the unconsolidated profit and loss account.

Increase in carrying amount arising on revaluation of land and buildings is recognised in other comprehensive income and credited to surplus on revaluation of property. Decreases due to revaluation that offset previous increases of the same assets are charged against surplus on revaluation of property in equity, while all other decreases are charged to the unconsolidated profit and loss account. The surplus on revaluation realised on sale of property, plant and equipment is transferred to un-appropriated profit to the extent reflected in the surplus on revaluation of property account. The amount of sale proceeds exceeding the balance in surplus on revaluation of property account is taken to the unconsolidated profit and loss account.

4.5.1 Leasing arrangements

At inception of a contract, the Bank assesses whether a contract is, or contains, a lease based on whether the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

In determining the lease term, management considers all facts and circumstances that create an economic incentive to exercise an extension option or not exercise a termination option. Extension options (or periods after termination options) are only included in the lease term if the lease is reasonably certain to be extended (or not to be terminated).

The lease liability is initially measured at the present value of the lease payments over the period of lease term and that are not paid at the commencement date, discounted using the interest rate implicit in the lease, or if that rate cannot be readily determined, the Bank's incremental borrowing rate.

Lease payments include fixed payments less any lease incentive receivable, variable lease payment that are based on an index or a rate which are initially measured using the index or rate as at the commencement date, amounts expected to be payable by the Bank under residual value guarantees, the exercise price of a purchase option (if the Bank is reasonably certain to exercise that option) and payments of penalties for terminating the lease (if the lease term reflects that the lessee will exercise that option). The extension and termination options are incorporated in determination of lease term only when the Bank is reasonably certain to exercise these options.

The lease liability is subsequently measured at amortised cost using the effective interest rate method. The lease liability is also remeasured to reflect any reassessment or lease modification, or to reflect revised in-substance fixed lease payment.

The lease liability is remeasured when the Bank reassesses the reasonable certainty to exercise extension or termination option upon occurrence of either a significant event or a significant change in circumstances, or when there is a change in assessment of an option to purchase underlying asset, or when there is a change in amount expected to be payable under a residual value guarantee, or when there is a change in future lease payments resulting from a change in an index or rate used to determine those payments. The corresponding adjustment is made to the carrying amount of the right of use asset, or is recorded in the unconsolidated profit and loss account if the carrying amount of right of use asset has been reduced to zero.

When there is a change in scope of a lease, or the consideration for a lease, that was not part of the original terms and conditions, the same is accounted for as a lease modification. The lease modification is accounted for as a separate lease if modification increases the scope of lease by adding the right to use one or more underlying assets and the consideration for lease increases by an amount that commensurate with the standalone price for the increase in scope adjusted to reflect the circumstances of the particular contract, if any. When the lease modification is not accounted for as a separate lease, the lease liability is remeasured and corresponding adjustment is made to right of use asset.

The right-of-use asset is initially measured at an amount equal to the initial measurement of lease liability adjusted for any lease payments made at or before the commencement date, plus any initial direct costs incurred and an estimate of the costs to be incurred to dismantle and remove the underlying asset or to restore the underlying asset or the site on which the asset is located.

The right-of-use asset is subsequently measured at cost less accumulated depreciation and accumulated impairment losses, if any. The right-of-use asset is depreciated on a straight line method over the lease term as this method most closely reflects the expected pattern of consumption of the future economic benefits. The carrying amount of the right of use asset is reduced by impairment losses, if any, and adjusted for certain remeasurements of the lease liability.

4.6 Intangibles

Intangible assets are carried at cost less accumulated amortisation and accumulated impairment losses, (if any).

Intangible assets are amortised using the straight-line method over the period of three years. Where the carrying amount of an asset exceeds its estimated recoverable amount, it is written down immediately to its recoverable amount.

4.7 Impairment of non-financial assets

The carrying amounts of the Bank's assets are reviewed at each reporting date to determine whether there is any indication of impairment of any asset or a group of assets. If such an indication exists, the recoverable amount of such assets is estimated. The recoverable amount is higher of an asset's fair value less cost to sell and value in use. In assessing the value in use, future cash flows are estimated which are discounted to present value using a discount rate that reflects the current market assessments of the time value of money and the risk specific to the asset. In determining fair value less cost to sell, an appropriate valuation model is used. An impairment loss is recognised in the unconsolidated profit and loss account whenever the carrying amount of an asset or a group of assets exceeds its recoverable amount. Impairment loss on revalued assets is adjusted against the related revaluation surplus to the extent that the impairment loss does not exceed the surplus on revaluation of that asset.

4.8 Compensated absences

The Bank makes annual provision in respect of liability for employees' compensated absences based on actuarial estimates. The liability is estimated using the projected unit credit method.

4.9 Staff retirement benefits

The Bank operates:

- a) an unfunded contributory provident fund (old scheme) for those employees who joined the Bank between July 1, 2005 to May 31, 2007 and opted to remain under the old scheme. Under this scheme, contribution is made both by the Bank and employee at the rate of 6% of the monetised salary. The Bank provided an option to employees covered under old scheme to join the Employer Contributory Provident Fund Scheme - ECPF (new scheme) effective from June 1, 2007. Employees joining the Bank service after June 1, 2007 are covered under the new scheme. Under ECPF (new scheme), contribution is made both by the Bank and employee at the rate of 6% of the monetised salary.
- b) an unfunded General Provident Fund (GPF) scheme for all those employees who joined the Bank between May 1, 1977 to June 30, 2005 and opted to remain under this scheme after introduction of the new scheme (ECPF). Under GPF contribution is made by the employee only at the rate of 5% of the monetised salary.

c) following are other staff retirement benefit schemes:

- an unfunded gratuity scheme (old scheme) for those employees who joined the Bank between July 1, 2005 to May 31, 2007 and opted to remain under the old scheme;
- a funded Employees Gratuity Fund (EGF) was introduced by the Bank effective from June 1, 2007 for all its employees other than those who opted to remain in pension scheme or unfunded gratuity scheme (old scheme);
- an unfunded pension scheme for those employees who joined the Bank between May 1, 1977 to June 30, 2005 and opted to remain under this scheme after introduction of the new scheme new compensation and benefit
- an unfunded benevolent fund scheme;
- an unfunded post retirement medical benefit scheme;
- six months post retirement benefit facility; and
- an income continuation plan (during the year, a new scheme introduced by the Bank effective from January 1, 2020 which covers benefits in case of death of an eligible employee.

Obligations for contributions to defined contribution provident plans are recognised as an expense in the unconsolidated profit and loss account as and when incurred.

Annual provisions are made by the Bank to cover the obligations arising under defined benefit schemes based on actuarial recommendations. The actuarial valuations are carried out under the projected unit credit method. The amount arising as a result of remeasurements are recognised in the unconsolidated balance sheet immediately, with a charge or credit to other comprehensive income in the periods in which they occur.

The above staff retirement benefits are payable on completion of prescribed qualifying period of service.

4.10 Deferred income

Grants received on account of capital expenditure are recorded as deferred income. These are amortised over the useful life of the relevant asset.

4.11 Revenue recognition

- Discount, interest / mark-up and / or return on loans and advances and investments are recorded on time proportion basis that takes into account the effective yield on the asset. However, income on balances with Bangladesh (former East Pakistan), doubtful loans and advances and overdue return on investments are recognised as income on receipt basis.
- Exchange gain / loss is recognised at the translation date as detailed in note 4.14 to these unconsolidated financial statements.
- Commission income is recognised when related services are rendered.
- Dividend income is recognised when the Bank's right to receive dividend is established.
- Gains / losses on disposal of securities are recognised in the unconsolidated profit and loss account at trade date.

4.12 Finances under profit and loss sharing arrangements

The Bank provides various finances to financial institutions under profit and loss sharing arrangements. Share of profit / loss under these arrangements is recognised on an accrual basis.

4.13 Taxation

The income of the Bank is exempt from tax under section 49 of the State Bank of Pakistan Act, 1956 and clause 66(xiii) of Part I of second schedule to the Income Tax Ordinance, 2001.

4.14 Foreign currency translation

Transactions denominated in foreign currencies are translated to Pak Rupees at the foreign exchange rate prevailing at the date of transaction. Monetary assets and liabilities in foreign currencies are translated into rupees at the closing rate of exchange prevailing at the reporting date.

Exchange gains and losses are taken to the unconsolidated profit and loss account except for certain exchange differences on balances with the International Monetary Fund, referred to in note 4.15, which are transferred to the Government of Pakistan account.

Commitments for outstanding foreign exchange forward and swap contracts disclosed in note 32.2 to these unconsolidated financial statements are translated at forward rates applicable to their respective maturities. Contingent liabilities / commitments for letters of credit and letters of guarantee denominated in foreign currencies are expressed in PKR terms at the closing rate of exchange prevailing at the reporting date.

4.15 Transactions and balances with the International Monetary Fund

Transactions and balances with the International Monetary Fund (IMF) are recorded on following basis:

- the GoP's contribution for quota with the IMF is recorded by the Bank as depository of the GoP. Exchange differences arising on these balances are transferred to the Government of Pakistan account.
- exchange gains or losses arising on revaluation of borrowings from the IMF are recognised in the unconsolidated profit and loss account.
- the cumulative allocation of special drawing rights (SDRs) by the IMF is recorded as a liability and is translated at the closing exchange rate for SDRs prevailing at the reporting date. Exchange differences on translation of SDRs is recognised in the unconsolidated profit and loss account.
- service charge is recognised in the unconsolidated profit and loss account at the time of receipt of the IMF tranches.

All other income or charges pertaining to balances with the IMF are taken to the unconsolidated profit and loss account, including the following:

- charges on borrowings under credit schemes and fund facilities;
- charges on net cumulative allocation of SDRs;
- exchange gain or loss; and
- return on holdings of SDRs.

4.16 Provisions, contingent liabilities and contingent assets

Provisions are recognised when the Bank has a present legal or constructive obligation as a result of past events, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate of the amount can be made. Provisions are reviewed at each reporting date and adjusted to reflect the current best estimate.

Contingent assets are disclosed when there is a possible asset that arises from past events and whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Bank. Contingent assets are not recognised until their realisation become virtually certain.

Contingent liability is disclosed when:

- there is a possible obligation that arises from past events and whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Bank; or
- there is a present obligation that arises from past events but it is not probable that an outflow of resources embodying economic benefits will be required to settle the obligation or the amount of the obligation cannot be measured with sufficient reliability.

4.17 Cash and cash equivalents

Cash and cash equivalents include foreign currency accounts and investments (other than deposits held with IMF), local currency coins, earmarked foreign currency balances, SDRs, balances in the current and deposit accounts and securities that are realisable in cash within three months from the date of reporting and which are subject to insignificant changes in value.

4.18 Fair value measurement principles

The fair value of financial instruments traded in active markets at the reporting date is based on their quoted market prices or dealer price quotation without any deduction for transaction costs. If there is no active market for a financial asset, the Bank establishes fair value using valuation techniques. These include the use of recent arms length transaction, discounted cash flow analysis and other revaluation techniques commonly used by market participants.

5 USE OF ESTIMATES AND JUDGMENTS

The preparation of financial statements in conformity with the IFRS requires management to make judgments, estimates and assumptions that affect the application of policies and reported amounts of assets, liabilities, income and expenses that are not readily available from other sources. The estimates and associated assumptions are based on historical experiences and various other factors that are believed to be reasonable under the circumstances, the result of which form the basis of making judgments about the carrying values of assets and liabilities and income and expenses. Actual results may differ from these estimates. The estimates and underlying assumptions are reviewed on an ongoing basis.

Revisions to accounting estimates are recognised in the period in which the estimate is revised if the revision affects only that period, or in the period of revision and future periods if the revision affects both current and future periods. Judgments made by the management in the application of the IFRSs and estimates that have a significant risk of material adjustment to the carrying amounts of assets and liabilities are as follows:

5.1 Fair value of financial instruments

The fair value of financial instruments is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction in the principal (or most advantageous) market at the measurement date under current market conditions (i.e., an exit price) regardless of whether that price is directly observable or estimated using another valuation technique. When the fair values of financial assets and financial liabilities recorded in the unconsolidated balance sheet cannot be derived from active markets, they are determined using a variety of valuation techniques that include the use of valuation models. The inputs to these models are taken from observable markets where possible, but where this is not feasible, estimation is required in establishing fair values. Judgements and estimates may include items like considerations of liquidity and model inputs related to items such as credit risk (both own and counterparty), funding value adjustments, correlation and volatility. For further details about determination of fair value please refer note 4.18 to these unconsolidated financial statements.

5.2 Effective interest rate (EIR) method

The Bank's EIR methodology recognises interest income using a rate of return that represents the best estimate of a constant rate of return over the expected behavioural life of financial instruments. This estimation, by nature, requires an element of judgement regarding the expected behaviour and life-cycle of the instruments, as well as clubbing of and other determinable fee income / expense to the cost of acquisition of financial instruments that are integral parts of the instrument.

5.3 Impairment losses on financial assets

The measurement of impairment losses across all categories of financial assets in scope requires judgement, in particular, the estimation of the amount and timing of future cash flows and collateral values when determining impairment losses and the assessment of a significant increase in credit risk. These estimates are driven by a number of factors, changes in which can result in different levels of allowances. Assumptions regarding the impairment of financial assets are detailed in the note 46.1.2 to these unconsolidated financial statements.

5.4 Retirement benefits

The key actuarial assumptions in respect of valuation of defined benefit plans and the sources of estimation are disclosed in note 41.8 to these unconsolidated financial statements.

5.5 Useful life and residual value of property, plant and equipment

Estimates of useful life and residual value of property and equipment are based on the management's best estimate as detailed in note 4.5 to these unconsolidated financial statements.

6 GOLD RESERVES HELD BY THE BANK

Note	2022	2021	2022	2021
	Net content in troy ounces		------(Rupees in '000)-----	
Opening balance	2,078,517	2,078,197	577,356,238	617,495,037
Additions during the year	-	320	-	84,814
Appreciation / (diminution) for the year				
due to revaluation	31 -	-	196,281,167	(40,223,613)
Closing balance	20.1 2,078,517	2,078,517	773,637,405	577,356,238

- 6.1 During the year the Bank has recognised an appreciation / diminution of Rs 196,281 million (2021: Rs 40,224 million) based on the closing market rate of USD 1,817 (2021:USD 1,763.15) per troy ounce of the fine gold content fixed by the London Bullion Market Association.

Note	2022	2021
	------(Rupees in '000)-----	
7 LOCAL CURRENCY - COINS		
Banknotes held by the banking department	146,313	149,598
Coins held as an asset of the issue department	7.1 & 20.1 406,368	417,574
	552,681	567,172
Less: banknotes held by the banking department	20 (146,313)	(149,598)
	406,368	417,574

- 7.1 As mentioned in note 4.1, the Bank is responsible for issuing coins of various denominations on behalf of the GoP. This balance represents the face value of coins held by the Bank at the year end.

8 FOREIGN CURRENCY ACCOUNTS AND INVESTMENTS

These represent foreign currency reserves held by the Bank, the details of which are as follows:

	Note	2022 ------(Rupees in '000)-----	2021
At fair value through profit or loss:			
- investments	8.3	604,932,798	1,024,175,981
- unrealised gain on derivative financial instruments		261,292	536,285
- unrealised loss on derivative financial instruments		(303,129)	(113,124)
	8.4	(41,837)	423,161
		<u>604,890,961</u>	<u>1,024,599,142</u>
At amortised cost:			
- deposit accounts		632,143,450	375,065,876
- current accounts		1,491,490	1,296,989
- securities purchased under agreement to resell	8.5	586,803,857	423,792,553
- money market placements	8.6	352,928,480	1,034,106,813
		<u>1,573,367,277</u>	<u>1,834,262,231</u>
Credit loss allowance	8.2	(4,165)	(16,561)
		<u>2,178,254,073</u>	<u>2,858,844,812</u>
The above foreign currency accounts and investments are held as follows:			
Issue department	20.1	720,620,610	1,034,070,392
Banking department		1,457,633,463	1,824,774,420
		<u>2,178,254,073</u>	<u>2,858,844,812</u>

- 8.1 The following table sets out information about the credit quality of foreign currency accounts and investments of the Bank measured at amortised cost and maximum exposure to credit risk as at reporting date. Details of the Bank's internal grading system are explained in note 46.1.2.2.

	Note	2022 ------(Rupees in '000)-----	2021
Stage 1			
Deposit accounts			
High rating		632,143,450	375,065,876
		<u>632,143,450</u>	<u>375,065,876</u>
Current accounts			
High rating		1,491,444	1,296,948
Standard rating		46	41
		<u>1,491,490</u>	<u>1,296,989</u>
Securities purchased under agreement to resell			
High rating	8.5	586,803,857	423,792,553
		<u>586,803,857</u>	<u>423,792,553</u>
Money market placements			
High rating	8.6	352,928,480	1,034,106,813
		<u>352,928,480</u>	<u>1,034,106,813</u>
		<u>1,573,367,277</u>	<u>1,834,262,231</u>

- 8.2 An analysis of changes in the ECL in relation to foreign currency accounts and investments of the Bank measured at amortised cost is as follows:

	2022		
	Nostros account	Money market placements	Total
------(Rupees in '000)-----			
Opening balance as of July 1, 2021	2,781	13,780	16,561
Charge / (reversal) of allowance	1,384	(13,780)	(12,396)
Balance as of June 30, 2022	<u>4,165</u>	<u>-</u>	<u>4,165</u>

	2021		
	Nostros account	Money market placements	Total
Stage 1	------(Rupees in '000)-----		
Opening balance as of July 1, 2020	88	-	88
Charge of allowance	2,693	13,780	16,473
Balance as of June 30, 2021	<u>2,781</u>	<u>13,780</u>	<u>16,561</u>

- 8.3** This includes investments made by the Bank in international markets and balances maintained, on behalf of the Bank through reputable fund managers. The activities of these fund managers are being monitored through a custodian. The market value of the investments as on June 30, 2022 amounts to Rs. 426,417 million (USD 2,081.3 million [2021: Rs. 207,081 million (USD 1,314.5 million)]. These carry interest rates ranging from 1.18% to 2.51% per annum in USD (2021: 0.13% to 3.75% per annum) and 1.13% to 2.33% per annum in CNY (2021: 2.12% to 2.48% per annum).
- 8.4** This represents unrealised gain / (loss) on currency swaps, futures and forward contracts (including transactions executed by the fund managers on behalf of the Bank) entered into with various counterparties.
- 8.5** These represent lending under repurchase agreements which carry mark-up in USD at the rate of 1.55% per annum (2021: 0.05% per annum) and these are due to mature on July 1, 2022 (2021: July 01, 2021).
- 8.6** These represent money market placements carrying interest rates ranging from 1.72% to 2.25% per annum in CNY and Nil in USD (2021: 3.28% in CNY and 0.10% to 0.16% per annum in USD) having maturities ranging from July 5, 2022 to August 2, 2022 (2021: Nil in CNY and July 3, 2021 to August 7, 2021 in USD).

9 EARMARKED FOREIGN CURRENCY BALANCES

This represents foreign currency cash balances translated at the exchange rate prevailing at the reporting date, held by the Bank to meet foreign currency commitments of the Bank.

10 SPECIAL DRAWING RIGHTS OF THE INTERNATIONAL MONETARY FUND

Special drawing rights (SDRs) are the foreign reserve assets which are allocated by the International Monetary Fund (IMF) to its member countries in proportion to their quota in the IMF. In addition, the member countries can purchase the SDRs from the IMF and other member countries in order to settle their obligations. The figures given below represent the rupee value of the SDRs held by the Bank as at the reporting date. Interest is credited by the IMF on the SDR holding of the Bank at weekly interest rates on daily products of SDRs held during each quarter.

	Note	2022	2021
SDRs are held as follows:		------(Rupees in '000)-----	
- by the issue department	20.1	41,041,920	-
- by the banking department		2,418,856	60,771,006
		<u>43,460,776</u>	<u>60,771,006</u>

11 RESERVE TRANCHE WITH THE INTERNATIONAL MONETARY FUND UNDER QUOTA ARRANGEMENTS

Quota allocated by the International Monetary Fund	551,151,829	455,738,808
Liability under quota arrangements	(551,118,972)	(455,712,081)
	<u>32,857</u>	<u>26,727</u>

12 SECURITIES PURCHASED UNDER AGREEMENT TO RESELL

Conventional	12.1	4,080,798,647	1,792,952,119
Shariah compliant financing facility	12.2	437,810,937	-
		<u>4,518,609,584</u>	<u>1,792,952,119</u>

- 12.1** This represents collateralised lending made to various conventional financial institutions under resell arrangement carrying mark-up ranging from 13.83% to 14.05% per annum (2021: 7.06% to 7.10% per annum). The resell arrangement to conventional financial institution are due to mature on September 9, 2022 (2021: July 2, 2021). The fair value of securities collateralised as on June 30, 2022 amounted to Rs. 4,055,879 million (2021: Rs. 1,852,618 million). The collaterals held by the Bank consists of Pakistan Investment Bonds and market treasury bills.
- 12.2** This represents collateralised lending made to various Islamic financial institutions under resell arrangement carrying mark-up ranging from 13.85% to 13.91% per annum (2021: Nil). The resell arrangement to conventional and Islamic financial institution are due to mature on September 9, 2022 (2021: Nil). The fair value of securities collateralised as on June 30, 2022 amounted to Rs. 443,876 million (2021: Rs. Nil). The collaterals held by the Bank consists of GoP Ijarah sukuks.

- 12.3 The following table sets out information about the credit quality of securities purchased under agreement to resell of the Bank measured at amortised cost:

		Stage 1 Note -----(Rupees in '000)-----	2022 -----	Stage 1 -----	2021 -----
			4,518,618,316	4,518,618,316	1,792,952,125
Less: credit loss allowance	12.5	(8,732)	(8,732)	(6)	(6)
	12.4	4,518,609,584	4,518,609,584	1,792,952,119	1,792,952,119
12.4	Securities purchased under agreement to resell are held as follows:	Note	2022 -----	2021 -----	
	- by the issue department	20.1	1,000,000,000	-	
	- by the banking department		3,518,609,584	1,792,952,119	
			4,518,609,584	1,792,952,119	

- 12.5 An analysis of changes in the ECL in relation to securities purchased under agreement to resell of the Bank measured at amortised cost is, as follows:

	Stage 1 -----	2022 -----
Opening balance as of June 30, 2021	6	6
Charge during the year	8,726	8,726
Balance as of June 30, 2022	8,732	8,732
	Stage 1 -----	2021 -----
Opening balance as of June 30, 2020	7	7
Reversal during the year	(1)	(1)
Balance as of June 30, 2021	6	6

13	INVESTMENTS - LOCAL	Note	2022 -----	2021 -----
	At amortised cost			
	Federal Government securities			
	Pakistan investment bonds (PIBs)	13.5	6,142,351,123	6,676,448,550
	Federal government scrips	13.3	2,740,000	2,740,000
			6,145,091,123	6,679,188,550
	Debt securities			
	Zarai Taraqiati Bank Limited (ZTBL) preference shares - unlisted	13.4	54,814,206	54,679,114
	Term finance certificates		28,243	28,243
	Certificates of deposits		11,235	11,235
			39,478	39,478
	Credit loss allowance	13.7	(39,478)	(39,478)
			54,814,206	54,679,114
			6,199,905,329	6,733,867,664
	At fair value through other comprehensive income			
	Investments in banks and other financial institutions			
	Ordinary shares			
	- Listed		44,715,689	58,506,359
	- Unlisted		58,218,372	56,302,176
		13.6	102,934,061	114,808,535
			6,302,839,390	6,848,676,199
	Balance carried forward		6,302,839,390	6,848,676,199

	Note	2022 ------(Rupees in '000)-----	2021
Balance brought forward		6,302,839,390	6,848,676,199
Investments in wholly owned subsidiaries - at cost			
Pakistan Security Printing Corporation (Private) Limited		100,149,000	100,149,000
SBP Banking Services Corporation		1,000,000	1,000,000
National Institute of Banking and Finance (Guarantee) Limited		29,260	29,260
	13.1	101,178,260	101,178,260
		6,404,017,650	6,949,854,459
The above investments are held as follows:			
Issue department	20.1	5,442,215,787	5,655,896,964
Banking department		961,801,863	1,293,957,495
		6,404,017,650	6,949,854,459

13.1 Investments in wholly owned subsidiaries

	2022				2021			
	Number of shares	Cost	Impairment	Carrying amount	Number of shares	Cost	Impairment	Carrying amount
	----- Rupees in 000 -----				----- Rupees in 000 -----			
Unquoted								
Pakistan Security Printing Corporation (Private) Limited (Note 13.1.1)	1,000,000	100,149,000	-	100,149,000	1,000,000	100,149,000	-	100,149,000
SBP Banking Services Corporation (Note 13.1.2)	1,000	1,000,000	-	1,000,000	1,000	1,000,000	-	1,000,000
National Institute of Banking and Finance (Guarantee) Limited (Note 13.1.3)	2,926,084	29,260	-	29,260	2,926,084	29,260	-	29,260
Total		101,178,260	-	101,178,260		101,178,260	-	101,178,260

- 13.1.1** This represents 100% (2021: 100%) holding in Pakistan Security Printing Corporation (Private) Limited (PSPC) having break-up value of Rs 80,635 (2021: Rs 72,888) per share on the basis of the audited financial statements for the year ended June 30, 2022.
- 13.1.2** This represents 100% (2021: 100%) holding in SBP Banking Services Corporation (the Corporation) (BSC) having break-up value of Rs 1,285,690 (2021: Rs 1,000,000) per share on the basis of the audited financial statements for the year ended June 30, 2022.
- 13.1.3** This represents 100% (2021: 100%) holding in National Institute of Banking and Finance (Guarantee) Limited (NIBAF) having break-up value of Rs 103.08 (2021: Rs 101.15) per share on the basis of the audited financial statements for the year ended June 30, 2022.
- 13.2** The following table sets out information about the credit quality of local investments of the Bank measured at amortised cost.

	Note	2022			
		Stage 1	Stage 2	Stage 3	Total
		------(Rupees in '000)-----			
High rating		6,199,905,329	-	-	6,199,905,329
Rating below standard		-	-	39,478	39,478
		6,199,905,329	-	39,478	6,199,944,807
Less: credit loss allowance	13.7	-	-	(39,478)	(39,478)
		6,199,905,329	-	-	6,199,905,329
		------(Rupees in '000)-----			
		2021			
		Stage 1	Stage 2	Stage 3	Total
		------(Rupees in '000)-----			
High rating		6,733,867,664	-	-	6,733,867,664
Rating below standard		-	-	39,478	39,478
		6,733,867,664	-	39,478	6,733,907,142
Less: credit loss allowance	13.7	-	-	(39,478)	(39,478)
		6,733,867,664	-	-	6,733,867,664

13.3 These represent investments guaranteed / issued by the Government. The profile of return on securities is as follows:

	2022 % per annum	2021
Pakistan investment bonds	8.32 to 15.70	7.92 to 13.88
Federal government scrips	3	3

PIBs were created for one to ten years under the instructions of the Federal Government while Federal Government scrips are of perpetual nature.

The Federal Government issued PIBs on June 30, 2019 with maturity of one year to ten years amounting to Rs. 7,187,000 million. PIBs having face value of Rs.1,707,000 million (2021: 1,138,000 million) have been matured till June 30, 2022 and June 30, 2021 respectively.

13.4 This represents 5,446.153 million preference shares of Rs. 10 each carrying mark-up at the rate of 7.50% per annum payable semi-annually, issued by Zarai Taraqiati Bank Limited. These preference shares are redeemable on March 7, 2027.

13.5 These include investment in PIBs amounting to Rs. 43,711.253 million which has been created against 'receivable balance of Railway' in accordance with the requirement of section 9C(6) of the State Bank of Pakistan Act, 1956, the above-mentioned account has been converted into 'PIBs' with a duration of eight years and remunerated at market interest rates.

13.6 Investments in shares of banks and other financial institutions

		2022		
Note	Percentage holding	Cost	Unrealised appreciation / (diminution) (Refer note 13.8)	Total
	%	(Rupees in '000)		
Listed				
- National Bank of Pakistan	75.20	1,100,805	43,614,884	44,715,689
Unlisted				
<i>More than 50% Shareholding</i>				
- Zarai Taraqiati Bank Limited	76.23	10,199,621	(5,330,757)	4,868,864
- House Building Finance Company Limited	90.31	1,482,304	778,019	2,260,323
- Deposit Protection Corporation of Pakistan				
Pakistan	13.6.2	500,000	(500,000)	-
<i>Less than or equal to 50% Shareholding</i>				
Other investments		4,637,706	46,451,479	51,089,185
		16,819,631	41,398,741	58,218,372
		17,920,436	85,013,625	102,934,061

2021				
	Percentage holding	Cost	Unrealised appreciation / (diminution) (Refer note 13.8)	Total
	%	(Rupees in '000)		
Listed				
- National Bank of Pakistan	75.20	1,100,805	57,405,554	58,506,359
Unlisted				
<i>More than 50% Shareholding</i>				
- Zarai Taraqiati Bank Limited	76.23	10,199,621	(4,125,100)	6,074,521
- House Building Finance Company Limited	90.31	1,482,304	506,693	1,988,997
- Deposit Protection Corporation of				
Pakistan	13.6.2	500,000	(500,000)	-
<i>Less than or equal to 50% Shareholding</i>				
Other investments		4,637,706	43,600,952	48,238,658
		16,819,631	39,482,545	56,302,176
		17,920,436	96,888,099	114,808,535

13.6.1 Investments in above entities have been made under the specific directives of the Government of Pakistan in accordance with the provisions of the State Bank of Pakistan Act, 1956 and other relevant statutes. The Bank neither exercises significant influence nor has control over these entities except for any regulatory purposes or control arising as a consequence of any statute which applies to the entire sector to which these entities belong. Accordingly, these entities have not been consolidated as subsidiaries or accounted for as investments in associates or joint ventures.

13.6.2 During the year 2018-19, in accordance with section 9 of the Deposit Protection Corporation Act, 2016 (DPC Act), the Bank has made an initial capital contribution of Rs. 500 million in Deposit Protection Corporation (DPC). This represents 100% of the paid-up portion of the capital of DPC, which was established for the protection of small depositors in order to ensure the financial stability of and maintain public interest in the financial system and for matters connected therewith or ancillary thereto. The shareholders of DPC are not entitled to receive any dividend in terms of section 9(5) of DPC Act. The Bank is not exposed, or has rights, to variable returns from its involvement with the DPC and does not have the ability to affect its returns. Consequently, DPC is not treated as a subsidiary in these unconsolidated financial statements. Considering the substance of this transaction, the capital injection in the DPC was fully provided.

	Note	2022	2021
		------(Rupees in '000)-----	
13.7 Credit loss allowance			
Opening balance		39,478	78,953
Reversal of credit loss allowance during the year		-	(39,475)
Closing balance		<u>39,478</u>	<u>39,478</u>
13.8 Unrealised (diminution) / appreciation on remeasurement of investments			
Opening balance		96,888,099	61,416,969
(Diminution) / appreciation during the year - net		<u>(11,874,474)</u>	<u>35,471,130</u>
Closing balance		<u>85,013,625</u>	<u>96,888,099</u>
14 LOANS, ADVANCES AND BILLS OF EXCHANGE			
Government owned / controlled financial institutions	14.3	<u>165,348,802</u>	<u>122,531,854</u>
Private sector financial institutions	14.4	<u>1,363,839,800</u>	<u>1,045,642,491</u>
		<u>1,529,188,602</u>	<u>1,168,174,345</u>
SDRs on-lending to Government of Pakistan (GoP)	14.4	<u>529,079,647</u>	-
Loan to employees		<u>14,691,972</u>	<u>13,932,071</u>
		<u>2,072,960,221</u>	<u>1,182,106,416</u>
Credit loss allowance	14.8	<u>(2,150,318)</u>	<u>(2,144,762)</u>
		<u>2,070,809,903</u>	<u>1,179,961,654</u>

14.1 The following table sets out information about the credit quality of loans, advances and bills of exchange of the Bank measured at amortised cost:

	2022			
	Stage 1	Stage 2	Stage 3	Total
	------(Rupees in '000)-----			
Government owned / controlled financial institutions				
High rating	163,568,501	-	-	163,568,501
Rating below standard	-	-	1,780,301	1,780,301
	<u>163,568,501</u>	-	<u>1,780,301</u>	<u>165,348,802</u>
Private sector financial institutions				
High rating	1,355,663,779	-	-	1,355,663,779
Standard rating	-	-	-	-
Rating below standard	7,108,824	-	1,067,197	8,176,021
	<u>1,362,772,603</u>	-	<u>1,067,197</u>	<u>1,363,839,800</u>
SDR on-lending to Government of Pakistan (GoP)				
High rating	<u>529,079,647</u>	-	-	<u>529,079,647</u>
	<u>529,079,647</u>	-	-	<u>529,079,647</u>
Loan to employees				
Performing loans	<u>14,691,972</u>	-	-	<u>14,691,972</u>
	<u>14,691,972</u>	-	-	<u>14,691,972</u>
	<u>2,070,112,723</u>	-	<u>2,847,498</u>	<u>2,072,960,221</u>
Less: credit loss allowance	<u>(20,082)</u>	-	<u>(2,130,236)</u>	<u>(2,150,318)</u>
	<u>2,070,092,641</u>	-	<u>717,262</u>	<u>2,070,809,903</u>

	2021			
	Stage 1	Stage 2	Stage 3	Total
	(Rupees in '000)			
Government owned / controlled financial institutions				
High rating	120,751,553	-	-	120,751,553
Rating below standard	-	-	1,780,301	1,780,301
	120,751,553	-	1,780,301	122,531,854
Private sector financial institutions				
High rating	1,037,498,020	-	-	1,037,498,020
Standard rating	7,077,274	-	-	7,077,274
Rating below standard	-	-	1,067,197	1,067,197
	1,044,575,294	-	1,067,197	1,045,642,491
Loan to employees				
Performing loans	13,932,071	-	-	13,932,071
	13,932,071	-	-	13,932,071
	1,179,258,918	-	2,847,498	1,182,106,416
Less: credit loss allowance	(14,526)	-	(2,130,236)	(2,144,762)
	1,179,244,392	-	717,262	1,179,961,654

- 14.2 An analysis of changes in the ECL in relation to loans and advances of the Bank measured at amortised cost is, as follows:

2022			
Government owned / controlled financial institutions	Private sector financial institutions	Employees	Total
(Rupees in '000)			

Stage 1

Opening balance as of June 30, 2021	3,716	10,037	773	14,526
Charge / (reversal) of allowance	15,593	(10,037)	-	5,556
Balance as of June 30, 2022	19,309	-	773	20,082

Stage 3

Opening balance as of June 30, 2021	1,066,606	1,063,630	-	2,130,236
(Reversal) / charge of allowance	-	-	-	-
Balance as of June 30, 2022	1,066,606	1,063,630	-	2,130,236
	1,085,915	1,063,630	773	2,150,318

2021			
Government owned / controlled financial institutions	Private sector financial institutions	Employees	Total
(Rupees in '000)			

Stage 1

Opening balance as of June 30, 2020	46,061	9,095	367	55,523
Charge / (reversal) of allowance	(42,345)	942	406	-40,997
Balance as of June 30, 2021	3,716	10,037	773	14,526

Stage 3

Opening balance as of June 30, 2020	1,066,606	1,063,630	-	2,130,236
Charge / (reversal) of allowance	-	-	-	-
Balance as of June 30, 2021	1,066,606	1,063,630	-	2,130,236
	1,070,322	1,073,667	773	2,144,762

14.3 Loans and advances to government owned / controlled financial institutions

Note	Scheduled banks		Other financial institutions		Total	
	2022	2021	2022	2021	2022	2021
(Rupees in '000)						
Agricultural sector	946,257	917,643	-	-	946,257	917,643
Industrial sector	76,359,494	42,448,747	-	-	76,359,494	42,448,747
Export sector	76,568,319	62,589,078	3,567	-	76,571,886	62,589,078
Housing sector	-	-	3,014	10,456	3,014	10,456
Others	11,142,901	15,777,412	325,250	788,518	11,468,151	16,565,930
	165,016,971	121,732,880	331,831	798,974	165,348,802	122,531,854

14.3.1 This includes exposure to Industrial Development Bank Limited (IDBL) under locally manufactured machinery (LMM) credit line amounting to Rs. 1,054 million (2021: Rs. 1,054 million). Furthermore, loans and advances also include loans amounting to Rs. 340.78 million (2021: Rs. 340.78 million) to IDBL which are secured by government securities. The Federal Government vide its vesting order dated November 13, 2012 had transferred and vested all assets and liabilities of Industrial Development Bank of Pakistan (IDBP) into the IDBL with effect from November 13, 2012. The Cabinet Committee on Privatisation, in its meeting held on May 07, 2016 approved the inclusion of IDBL in the 'privatisation program for early implementation'. Further, the Cabinet Committee on Privatisation in its meeting held on October 31, 2018 approved to delist IDBL from privatization programme. The Federal Cabinet also ratified the decision of the Cabinet Committee on Privatization. Currently, the process of winding up of IDBL is under process.

14.3.2 These balances include Rs. 327.957 million (2021: Rs. 327.957 million) which are recoverable from various financial institutions operating in Bangladesh (former East Pakistan). The realisability of these balances is subject to final settlement between the Governments of Pakistan and Bangladesh.

14.4 During the year, the Bank has received a general allocation from the IMF amounting to SDR 1,946.6 million as disclosed in note 25.2 to these unconsolidated financial statements as a fiscal agent of GoP which were on-lent to the GoP through a separate transaction. The GoP upon receipt of such SDR's has sold the same to the Bank and received amount equivalent to Rs 474,938 million, being the value prevalent on the date the SDRs were on-lending to GoP. This SDR - denominated loan carries an interest which is based on weekly interest rate applicable on daily product of SDR's payable in SDR's which will be settled in equivalent 'PKR'. The loan is perpetual in nature and shall only be payable in case IMF decides to reduce the SDR allocation or demands repayment of such SDR's from SBP.

14.5 Loans and advances to private sector financial institutions

Note	Scheduled banks		Other financial institutions		Total	
	2022	2021	2022	2021	2022	2021
(Rupees in '000)						
Agricultural sector	3,957,299	2,962,701	147,165	241,635	4,104,464	3,204,336
Industrial sector	563,045,942	331,950,497	30,102,661	20,688,134	593,148,603	352,638,631
Export sector	702,406,542	526,048,365	-	-	702,406,542	526,048,365
Others	57,152,408	155,962,278	7,027,783	7,788,881	64,180,191	163,751,159
	1,326,562,191	1,016,923,841	37,277,609	28,718,650	1,363,839,800	1,045,642,491

14.5.1 Export sector loans of scheduled banks are fully secured against demand promissory notes.

14.5.2 In the year 2015, the Bank in continuation of a scheme of amalgamation of two commercial banks duly sanctioned by the Federal Government under section 47 of the Banking Companies Ordinance, 1962 and under section 17 of the State Bank of Pakistan Act, 1956, extended a 10 year financing facility of Rs. 5,000 million with a bullet payment of mark-up and principal at maturity to an Islamic commercial bank (ICB) which is secured against Government of Pakistan Ijara Sukuk. The 10 year facility was provided on the basis of Modaraba to be remunerated at profit sharing ratio declared by the ICB on its remunerative current accounts on monthly basis (the last declared rate in this respect is 0.01% per annum). In accordance with the requirements of accounting framework of the Bank, the 10 year financing facility had been recognised at fair value on initial recognition. The amortised cost as of June 30, 2022 is Rs. 3,852 million (2021: Rs. 3,523 million).

14.5.3 Loans to other financial institutions include advances made to microfinance banks under Financial Inclusion and Infrastructure Project (FIIP). These loans are fully secured against demand promissory notes.

14.6 The interest / mark-up rate profile of the interest / mark-up bearing loans and advances is as follows:

	2022	2021
	(% per annum)	
Government owned / controlled and private sector financial institutions	0 to 9.7	0 to 9.7
Employees loans (where applicable)	0 to 10.00	0 to 10.00
	2022	2021
(Rupees in '000)		
Unwinding of income in respect of fair valuation adjustment on COVID-19 loans	22,618,337	12,686,574
Fair valuation loss adjustment on COVID-19 loans on initial recognition	(85,841,557)	(58,418,557)
	(63,223,220)	(45,731,983)

The Bank in response to the COVID-19 pandemic has launched several new financing facility schemes in line with its mission to maintain financial and monetary stability. The following facilities were introduced via IH&SMEFD circular no. 01 and 03 of 2020 dated March 17, 2020 and IH&SMEFD circular no. 06 of 2020 dated April 10, 2020:

- i) temporary economic refinance facility;
- ii) refinance facility for combating COVID-19 (RFCC); and
- iii) refinance scheme for payments of wages and salaries to workers and employees of business concerns

Facilities disbursed to the banks during the year under the above mentioned schemes aggregated to Rs. 223,532 million (2021: Rs. 299,540 million). These facilities have been recorded at fair value resulting in recognition of fair value adjustment on initial recognition aggregating to Rs.85,841.557 million (2021:Rs.58,418.557 million). Further, during the year, an aggregate amount of Rs.22,618.337 million (2021:Rs. 12,686.574 million) was recognised in respect of unwinding of income on fair valuation adjustment on COVID-19 loans.

	Note	2022 ----- (Rupees in '000) -----	2021
14.8 Credit loss allowance			
Opening balance		2,144,762	2,185,759
Charge / (reversal) of credit loss allowance during the year		5,556	(40,997)
Closing balance		<u>2,150,318</u>	<u>2,144,762</u>
15 ASSETS HELD WITH THE RESERVE BANK OF INDIA			
Gold reserves			
- opening balance		9,328,857	9,978,954
- Appreciation / (diminution) for the year due to revaluation	27.3.1.1	<u>3,171,489</u>	<u>(650,097)</u>
		<u>12,500,346</u>	<u>9,328,857</u>
Sterling securities		821,148	720,349
Government of India securities		371,008	302,599
Rupee coins		7,503	6,159
	15.1	<u>13,700,005</u>	<u>10,357,964</u>
Indian notes representing assets receivable from the Reserve Bank of India			
	15.2	<u>1,116,318</u>	<u>910,485</u>
	20.1	<u>14,816,323</u>	<u>11,268,449</u>
15.1 These assets were allocated to the Government of Pakistan as its share of the assets of the Reserve Bank of India under the provisions of Pakistan (Monetary System and Reserve Bank) Order, 1947. The transfer of these assets to the Bank is subject to final settlement between the Governments of Pakistan and India.			
15.2 These represent Pak Rupee equivalent of Indian rupee notes which were in circulation in Pakistan until retirement from circulation under the Pakistan (Monetary System and Reserve Bank) Order, 1947. Realisability of these assets is subject to final settlement between the Governments of Pakistan and India (also refer note 27.3.1).			
16 BALANCES DUE FROM THE GOVERNMENTS OF INDIA AND BANGLADESH	Note	2022 ----- (Rupees in '000) -----	2021
India			
Advance against printing of notes		39,616	39,616
Receivable from the Reserve Bank of India		837	837
		<u>40,453</u>	<u>40,453</u>
Bangladesh			
Inter office balances		819,924	819,924
Loans, advances and commercial papers	16.1	<u>14,246,824</u>	<u>13,227,497</u>
		<u>15,066,748</u>	<u>14,047,421</u>
	16.2	<u>15,107,201</u>	<u>14,087,874</u>
16.1 These represent interest bearing loans and advances (including commercial papers) provided to the Government of Bangladesh.			
16.2 The realisability of the above balances is subject to final settlement between the Government of Pakistan and Governments of India and Bangladesh (also refer notes 27.1 and 27.3.1).			
17 PROPERTY, PLANT AND EQUIPMENT	Note	2022 ----- (Rupees in '000) -----	2021
Operating fixed assets	17.1	96,123,746	77,304,894
Capital work-in-progress	17.3	<u>1,561,877</u>	<u>1,041,050</u>
		<u>97,685,623</u>	<u>78,345,944</u>

17.1 Operating fixed assets

2022									
Freehold land*	Leasehold land*	Buildings on freehold land*	Buildings on leasehold land*	Plant and machinery	Furniture and fixtures	Office equipment	Electronic data processing equipment	Motor vehicles	Total
(Rupees in '000)									
As at July 01, 2021									
Cost / revalued amount	16,024,946	55,717,637	2,012,854	5,164,639	1,252,559	52,814	246,655	2,511,552	83,687,123
Accumulated depreciation	-	(1,900,124)	(229,647)	(582,030)	(865,219)	(44,531)	(210,030)	(2,221,632)	(6,382,229)
Net book value	16,024,946	53,817,513	1,783,207	4,582,609	387,340	8,283	36,625	289,920	77,304,894
Year ended June 30, 2022									
Opening net book value	16,024,946	53,817,513	1,783,207	4,582,609	387,340	8,283	36,625	289,920	77,304,894
Additions	-	-	-	-	-	962	23,015	240,510	356,770
Transfers from capital work in progress	-	-	78,835	46,032	316,336	-	-	195	441,398
	-	-	78,835	46,032	316,336	962	23,015	240,705	796,168
Revaluation during the year	3,560,605	10,782,144	405,799	1,031,215	-	-	-	-	15,779,763
Reversal due to revaluation	-	2,844,587	345,566	877,934	-	-	-	-	4,068,087
	3,560,605	13,626,731	751,365	1,909,149	-	-	-	-	19,847,850
Disposals									
Cost	-	-	-	-	(43,375)	-	(2,756)	(34,866)	(165,865)
Accumulated depreciation	-	-	-	-	21,270	-	2,756	34,671	121,283
	-	-	-	-	(22,105)	-	-	(195)	(44,582)
Less: depreciation charge	-	944,463	115,919	295,904	90,302	1,778	14,364	192,304	1,782,584
Net book value	19,585,551	66,499,781	2,497,488	6,241,886	591,269	7,467	45,276	338,126	96,123,746
As at June 30, 2022									
Cost / revalued amount	19,585,551	66,499,781	2,497,488	6,241,886	1,525,520	53,776	266,914	2,717,391	100,099,189
Less: accumulated depreciation	-	-	-	-	934,251	46,309	221,638	2,379,265	3,975,443
Net book value	19,585,551	66,499,781	2,497,488	6,241,886	591,269	7,467	45,276	338,126	96,123,746
Useful life / rate of depreciation	-	90-99 years	20 years	20 years	10%	10%	20%	33.33%	20%
2021									
Freehold land*	Leasehold land*	Buildings on freehold land*	Buildings on leasehold land*	Plant and machinery	Furniture and fixtures	Office equipment	Electronic data processing equipment	Motor vehicles	Total
(Rupees in '000)									
As at July 01, 2020									
Cost / revalued amount	15,909,395	55,717,637	1,990,579	5,108,055	1,223,067	51,777	235,130	2,355,595	83,212,655
Accumulated depreciation	-	(954,871)	(115,064)	(288,740)	(776,241)	(42,699)	(197,333)	(2,084,849)	(4,760,059)
Net book value	15,909,395	54,762,766	1,875,515	4,819,315	446,826	9,078	37,797	270,746	78,452,596
Year ended June 30, 2021									
Opening net book value	15,909,395	54,762,766	1,875,515	4,819,315	446,826	9,078	37,797	270,746	78,452,596
Additions	115,551	-	1,257	-	5,598	1,037	12,242	179,641	497,565
Transfers from capital work in progress	-	-	21,018	56,584	23,894	-	-	-	101,496
	115,551	-	22,275	56,584	29,492	1,037	12,242	179,641	599,061
Disposals	-	-	-	-	-	-	-	-	-
Cost	-	-	-	-	-	-	(717)	(23,684)	(100,192)
Accumulated depreciation	-	-	-	-	-	-	20,273	82,403	103,393
	-	-	-	-	-	-	(3,411)	(17,789)	(21,200)
Less: depreciation charge	-	945,253	114,583	293,290	88,978	1,832	13,414	157,056	1,725,563
Net book value	16,024,946	53,817,513	1,783,207	4,582,609	387,340	8,283	36,625	289,920	77,304,894
As at June 30, 2021									
Cost / revalued amount	16,024,946	55,717,637	2,012,854	5,164,639	1,252,559	52,814	246,655	2,511,552	83,687,123
Less: accumulated depreciation	-	1,900,124	229,647	582,030	865,219	44,531	210,030	2,221,632	6,382,229
Net book value	16,024,946	53,817,513	1,783,207	4,582,609	387,340	8,283	36,625	289,920	77,304,894
Useful life / rate of depreciation	-	90-99 years	20 years	20 years	10%	10%	20%	33.33%	20%

* These represents revalued assets

- 17.2** Land and Buildings of the Bank are carried at revalued amount. The latest revaluation was carried out on June 30, 2022 by an independent valuer i.e. M/S M.J.Surveyors (Private) limited which resulted in a surplus of Rs. 19,848 million. The revaluation was carried out based on the market value assessment being the fair value of the land and buildings. Had there been no revaluation, the carrying value of the revalued assets would have been as follows:

	Note	2022	2021
		----- (Rupees in '000) -----	
Freehold land		39,205	39,205
Leasehold land		174,236	176,058
Buildings on freehold land		343,532	380,616
Buildings on leasehold land		503,104	752,976
		<u>1,060,077</u>	<u>1,348,855</u>
17.3 Capital work-in-progress			
Leasehold land		449	-
Buildings on freehold land		705,489	252,684
Buildings on leasehold land		304,904	271,567
Office equipment		-	43,568
Electronic data processing equipment		-	195
Plant and machinery		551,035	473,036
		<u>1,561,877</u>	<u>1,041,050</u>
18 INTANGIBLE ASSETS			
Software	18.1	132,922	69,873
Capital work-in-progress		36,815	28,314
		<u>169,737</u>	<u>98,187</u>
18.1 Intangible assets			
Cost		1,056,401	997,575
Accumulated amortisation		(986,528)	(894,297)
Opening net book value		<u>69,873</u>	<u>103,278</u>
Additions during the year		115,594	58,826
Disposals during the year		-	-
Amortisation charge	41	(52,545)	(92,231)
during the year		<u>132,922</u>	<u>69,873</u>
Closing net book value		<u>132,922</u>	<u>69,873</u>
Cost		1,171,995	1,056,401
Accumulated amortisation		(1,039,073)	(986,528)
Closing net book value		<u>132,922</u>	<u>69,873</u>
Useful life		<u>3 years</u>	<u>3 years</u>
19 OTHER ASSETS			
Commission receivable and others	19.1	7,478,224	4,212,023
Unrealised gain on local currency derivatives		1,524,781	16,438,901
Other advances, deposits and prepayments	19.2	28,173,479	9,324,246
		<u>37,176,484</u>	<u>29,975,170</u>

- 19.1** These represent commission income receivable from Federal Government on the issuance of the Government securities. Government securities involves market treasury bills, management of public debts, prize bonds and national saving certificates, draft / payments orders etc.

- 19.2** This includes Rs. 82.888 million (2021: Rs. 50.095 million) receivable from SBP banking services corporation (a subsidiary) in lieu of training obtained from the institute which is not part of the current account with SBP banking services corporation.

20	BANKNOTES IN CIRCULATION	Note	2022 ------(Rupees in '000)-----	2021
	Total banknotes issued	20.1	7,992,738,413	7,279,009,617
	Banknotes held with the banking department	7	(146,313)	(149,598)
	Notes in circulation		<u>7,992,592,100</u>	<u>7,278,860,019</u>
20.1	The liability for banknotes issued by the issue department is recorded at its face value in the unconsolidated balance sheet. In accordance with section 32 of SBP Act 1956, the liabilities of issue department shall be an amount equal to total of the amount of the bank notes for the time being in circulation. In accordance with section 26 (1) of the SBP Act 1956, this liability of issue department is supported by the following assets of the issue department.			
		Note	2022 ------(Rupees in '000)-----	2021
	Gold reserves held by the Bank	6	773,637,405	577,356,238
	Local currency - coins	7	406,368	417,574
	Foreign currency accounts and investments	8	720,620,610	1,034,070,392
	Special drawing rights of the International Monetary Fund	10	41,041,920	-
	Securities purchased under agreement to resell	12	1,000,000,000	-
	Investments - local	13	5,442,215,787	5,655,896,964
	Assets held with the Reserve Bank of India	15	14,816,323	11,268,449
			<u>7,992,738,413</u>	<u>7,279,009,617</u>
21	CURRENT ACCOUNTS OF GOVERNMENT			
21.1	Current accounts of governments - payable balances			
	Federal Government	21.3	955,500,282	909,557,319
	Provincial governments			
	- Punjab	21.4	440,226,153	207,526,221
	- Sindh	21.5	93,959,090	74,033,535
	- Khyber Pakhtunkhwa	21.6	1,607,602	31,830,135
	- Balochistan	21.7	18,472,576	39,604,640
	Government of Azad Jammu and Kashmir	21.8	14,770,496	12,368,089
	Gilgit - Baltistan Administration Authority	21.9	22,646,049	20,566,495
			<u>591,681,966</u>	<u>385,929,115</u>
			<u>1,547,182,248</u>	<u>1,295,486,434</u>
21.2	Current accounts of governments - receivable balance-net			
	Railways account	21.10	-	33,793,930
21.3	Federal Government			
	Non-food account		940,571,122	888,797,230
	Zakat fund accounts		10,817,584	6,190,294
	Other accounts		4,111,576	14,569,795
			<u>955,500,282</u>	<u>909,557,319</u>
21.4	Provincial Government - Punjab			
	Non-food account		437,985,054	197,273,388
	Zakat fund account		173,564	422,545
	Other accounts		2,067,535	9,830,288
			<u>440,226,153</u>	<u>207,526,221</u>
21.5	Provincial Government - Sindh			
	Non-food account		84,084,986	68,353,578
	Zakat fund account		3,785,510	3,134,220
	Other accounts		6,088,594	2,545,737
			<u>93,959,090</u>	<u>74,033,535</u>

		2022	2021
		------(Rupees in '000)-----	
21.6	Provincial Government - Khyber Pakhtunkhwa		
	Non-food account	683,751	23,431,227
	Zakat fund account	355,629	8,109,074
	Other accounts	568,222	289,834
		<u>1,607,602</u>	<u>31,830,135</u>
21.7	Provincial Government - Balochistan		
	Non-food account	16,279,369	36,886,295
	Zakat fund account	1,920,593	2,297,977
	Other accounts	272,614	420,368
		<u>18,472,576</u>	<u>39,604,640</u>
21.8	Government of Azad Jammu and Kashmir	<u>14,770,496</u>	<u>12,368,089</u>
21.9	Gilgit - Baltistan Administration Authority	<u>22,646,049</u>	<u>20,566,495</u>
21.10	These balances carry mark-up at the rate of Nil (2021: 6.95% to 7.63% per annum).		
22	PAYABLE UNDER BILATERAL CURRENCY SWAP AGREEMENT		

A bilateral currency swap agreement (CSA) was entered between the Bank and the People's Bank of China (PBoC) on December 2011 in order to promote bilateral trade, finance direct investment, provide short term liquidity support and for any other purpose mutually agreed between the two central banks. The original agreement was renewed on December 23, 2014 for a period of three years with overall limit of CNY 10,000 million and an equivalent PKR. The bilateral CSA had been further extended on 2018 for a period of three years, with amount increased from CNY 10,000 million to CNY 20,000 million and an equivalent PKR. The Bank had purchased and utilised CNY 20,000 million against PKR as at June 30, 2020, with the maturity buckets of three months to 1 year. During the year ended June, 30 2021, the overall limit of CNY 20,000 million was further extended to CNY 30,000 million for a period of three years against an equivalent PKR with the maturity buckets of three months to 1 year. Interest is charged on outstanding balance at agreed rates.

	Note	2022	2021
		------(Rupees in '000)-----	
23	DEPOSITS OF BANKS AND FINANCIAL INSTITUTIONS		
	Foreign currency		
	Scheduled banks	47,822,269	37,511,130
	Held under cash reserve requirement	23.1 <u>218,822,674</u>	<u>197,280,327</u>
		<u>266,644,943</u>	<u>234,791,457</u>
	Local currency		
	Scheduled banks	23.1 <u>965,255,118</u>	<u>1,073,141,877</u>
	Financial institutions	<u>22,863,028</u>	<u>19,503,643</u>
	Others	<u>91,054</u>	<u>88,354</u>
		<u>988,209,200</u>	<u>1,092,733,874</u>
		<u>1,254,854,143</u>	<u>1,327,525,331</u>
23.1	This includes cash deposited with the State Bank of Pakistan by scheduled banks under regulatory requirements.		
24	OTHER DEPOSITS AND ACCOUNTS		
	Foreign currency		
	Foreign central banks	92,539,864	70,925,695
	International organisations	466,392,799	357,838,470
	Others	18,451,182	13,384,118
		24.1 & 24.2 <u>577,383,845</u>	<u>442,148,283</u>
	Local currency		
	Special debt repayment	24.3 <u>24,243,841</u>	<u>24,243,841</u>
	Government	24.4 <u>17,850,348</u>	<u>17,850,348</u>
	Foreign central banks	<u>38</u>	<u>1,725</u>
	International organisations	<u>5,796,658</u>	<u>6,006,609</u>
	Others *	<u>112,157,672</u>	<u>138,802,321</u>
		<u>160,048,557</u>	<u>186,904,844</u>
		<u>737,432,402</u>	<u>629,053,127</u>

* This includes deposit account of the Corporation maintained by the Bank amounting to Rs. 2,801 million (2021: Nil).

- 24.1** This includes FCY deposits equivalent to Rs. 819,387 million (based on exchange rate as of June 30, 2022) (2021: Rs. 630,174 million (based on exchange rate as of June 30, 2021)), carrying interest at twelve month LIBOR + 1.00% (2021: LIBOR + 1.00%), payable semi-annually. These deposits have been set off against the Rupee counterpart receivable from the Federal Government and have been covered under Ministry of Finance (MoF) Guarantee whereby the MoF has agreed to assume all liabilities and risks arising from these deposits.

		2022 (% per annum)	2021
24.2	The interest rate profile of the interest bearing deposits is as follows:		
	Foreign central banks	0.32 to 2.09	0.32 to 0.55
	International organisations	1.89 to 3.00	1.96 to 3.00
24.3	These are interest free and represent amounts kept in separate special accounts to meet forthcoming foreign currency debt repayment obligations of the Government of Pakistan.		
24.4	These represent rupee counterpart of the foreign currency loan disbursements received from various international financial institutions on behalf of the Federal Government and credited to separate deposit accounts in accordance with the instructions of the GoP.		

	Note	2022 ------(Rupees in '000)-----	2021
25	PAYABLE TO THE INTERNATIONAL MONETARY FUND		
Borrowings under:			
- fund facilities	25.1 & 25.3	553,852,803	622,012,301
- allocation of SDRs	25.2	797,405,943	223,346,298
		1,351,258,746	845,358,599
Current account for administrative charges		62	52
		1,351,258,808	845,358,651

- 25.1** The IMF provides financing to its member countries from general resources account (GRA) held in its general department. GRA credit is normally governed by the IMF's general lending policies (also known as credit tranche policies), which provide financing for balance of payments (BoP) and budgetary support needs.

Under GRA financing, the IMF granted Extended fund facility (EFF) amounting to SDR 4,393 million in FY 2013-14, having repayment period of 4½ – 10 years, with repayments in twelve equal semi-annual instalments. A total amount of SDR 4,393 million has been disbursed under twelve tranches of EFF. The repayment under this facility started from March 2018 and will continue till September 2026. Repayments made during the year amounted to SDR 732 million (2021: SDR 756 million) in 24 different tranches (2021: 24 tranches).

- 25.2** During the year, IMF has increased a general allocation of all member countries with the objective to support them in meeting their need for reserves, built confidence and to bring stability in global economy. The Bank (as fiscal agent of GOP) received an allocation amounting to SDRs 1,946.6 million from the Fund. A charge is levied by the IMF on SDR allocation of the Bank at weekly interest rate applicable on daily product of SDR. The SDRs received above have been on-lent to the GoP as disclosed in note 14.4 to these unconsolidated financial statements.

	Note	2022 (% per annum) in SDR	2021
25.3	Interest profile of amount payable to the IMF is as under:		
	Fund facilities	25.3.1 1.05 to 1.89	1.05 to 1.13
25.3.1	The IMF levies a basic rate of interest (charges) on loans based on SDR interest rate and imposes surcharges depending on the amount and maturity of the loan and the level of credit outstanding. Interest rates are determined by the IMF on weekly basis. Charges are, however, payable on quarterly basis.		

26 SECURITIES SOLD UNDER AGREEMENT TO REPURCHASE

This represents collateralised borrowing made from financial institutions under repurchase arrangement carrying a mark-up ranging from 12.75% to 13.65% per annum (2021: 6.95%) and is due to mature on July 4, 2022 (2021: July 2, 2021).

27	OTHER LIABILITIES	Note	2022 ------(Rupees in '000)-----	2021
	Provision against overdue mark-up	27.1	13,852,731	12,833,396
	Special reserve provision under FIIP		11,644,025	10,794,159
	Remittance clearance account		2,396,952	2,251,010
	Exchange loss payable under exchange risk coverage scheme		751,108	437,703
	Dividend payable	27.2	-	10,000
	Unrealised loss on local currency derivative		50,172,618	4,007,806
	Other accruals and provisions	27.3	38,087,085	36,325,226
	Others		17,095,436	8,411,711
			<u>133,999,955</u>	<u>75,071,011</u>

27.1 This represents suspended mark-up which is recoverable from the Government of Bangladesh (former East Pakistan) subject to the final settlement between the governments of Pakistan and Bangladesh.

27.2 This represents dividend payable on shares held by the Government of Pakistan and government controlled entities amounting to Nil (2021: Rs. 10 million).

	Note	2022 ------(Rupees in '000)-----	2021
27.3	Other accruals and provisions		
	Agency commission	11,045,673	13,971,245
	Provision for employees' compensated absences	41.8.9	6,671,612
	Provision for other doubtful assets	27.3.1	16,398,780
	Other provisions	27.3.2	2,862,037
	Others		1,108,983
		<u>38,087,085</u>	<u>36,325,226</u>

27.3.1 Provision for other doubtful assets

Provision against assets held with / receivable from the Government of India and the Reserve Bank of India

- issue department	14,816,323	11,268,457
- banking department	40,483	40,483
	<u>14,856,806</u>	<u>11,308,940</u>

Provision against assets receivable from the Government of Bangladesh

- issue department	-	-
- banking department	1,541,974	1,541,974
	<u>1,541,974</u>	<u>1,541,974</u>

27.3.1.1	<u>16,398,780</u>	<u>12,850,914</u>
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27.3.1.1 Movement of provisions for other doubtful assets

Opening balance	12,850,914	13,525,632
Charge / (reversal of charge) during the year	376,377	(24,621)
Appreciation / (diminution) relating to gold reserves held by the Reserve Bank of India	15	3,171,489
Closing balance	<u>16,398,780</u>	<u>12,850,914</u>

27.3.2 This represent provision against home remittance amounting to Rs. 260.363 million (2021: Rs. 260.363 million), specific claims pertaining to provision made against claims under arbitration amounting to Rs. 1,600 million (2021: Rs. 1,600 million) and other provision made in respect of various litigations and claims against the Bank amounting to Rs. 1,001.67 million (2021: Rs. 1,001.67 million).

27.4 This includes provision maintained against balances due from the Government of Bangladesh amounting to Rs. 778.399 million (2021: Rs. 778.399 million).

28	DEFERRED LIABILITY - UNFUNDED STAFF RETIREMENT BENEFITS	Note	2022 ------(Rupees in '000)-----	2021
	Pension fund		26,333,625	25,087,199
	Gratuity scheme		142,218	121,599
	Benevolent fund scheme		283,929	330,714
	Post retirement medical benefits		11,953,320	10,151,736
	Income Continuation Plan		1,189,879	-
	Six months post retirement facility		966,983	801,551
		41.8.3	40,869,954	36,492,799
	Provident fund scheme		187,938	204,687
			41,057,892	36,697,486
29	SHARE CAPITAL		2022 ------(Number of shares)-----	2021 ------(Rupees in '000)-----
	Issued, subscribed and paid-up capital			
	<u>1,000,000,000</u> <u>1,000,000</u>	Fully paid-up ordinary shares of Rs. 100 each	<u>100,000,000</u>	<u>100,000</u>
	Authorised share capital			
	<u>5,000,000,000</u> <u>1,000,000</u>	Ordinary shares of Rs. 100 each	<u>500,000,000</u>	<u>100,000</u>
29.1	The shares of the Bank are held by the Government of Pakistan and certain Government controlled entities except for 200 shares held by the Central Bank of India (held by Deputy Custodian Enemy Property, Banking Policy and Regulations Department, State Bank of Pakistan) and 500 shares held by the State of Hyderabad.			
29.2	As per section 4(2) of State Bank of Pakistan Act, 1956, paid-up capital of the Bank shall be Rs 100,000 million with effect from January 28, 2022, divided into 1,000 million shares of Rs 100 each, which shall be made up through issuance of bonus shares by capitalising of profits or general reserve or through subscription of shares in cash by the Federal Government. During the year, the Board of Directors in their meeting held on March 21, 2022 has approved above capitalisation through transfer of amount from reserve for building up of share capital, rural credit fund, industrial credit fund, export credit fund, loans guarantee fund, housing credit fund and reserve fund' to share capital amounting to Rs 99,900 million.			
30	RESERVES			
30.1	General reserve			
	This includes appropriations made out of the annual profits of the State Bank of Pakistan in accordance with the provisions of the State Bank of Pakistan Act, 1956. During the year, the Board of Directors has approved appropriation of Rs. 147.296 billion to general reserve (2021: Rs 93.604 billion to reserve fund). Furthermore, the Board in its meeting held on March 21, 2022 has also approved the transfer of Rs.93.600 billion to the Government of Pakistan.			
30.2	The reserves for acquisition of PSPC			
	This represents reserves against the Bank's exposure in PSPC.			
30.3	Other funds			
	This represents appropriations made out of the annual profits of the Bank in accordance with the provisions of the State Bank of Pakistan Act, 1956.			
31	UNREALISED APPRECIATION ON GOLD RESERVES HELD BY THE BANK	Note	2022 ------(Rupees in '000)-----	2021
	Opening balance		572,779,945	613,003,558
	Appreciation / (diminution) for the year due to revaluation	6	196,281,167	(40,223,613)
	Closing balance		769,061,112	572,779,945

	Note	2022	2021
		------(Rupees in '000)-----	
32 CONTINGENCIES AND COMMITMENTS			
32.1 Contingencies			
a) Contingent liability in respect of guarantees given on behalf of:			
Federal Government	32.1.1	8,120,792	9,424,007
Federal Government owned / controlled bodies and authorities		6,235,750	6,308,328
		<u>14,356,542</u>	<u>15,732,335</u>
b) Other claims against the Bank not acknowledged as debts	32.1.2	<u>577,086</u>	<u>15,363</u>
c) In addition to the above claims, there are several other lawsuits / investigations filed by various parties as a result of the regulatory actions / investigations taken by the Bank in its capacity as regulator and banker to the government, which the Bank is currently contesting in various courts of laws / forums. The management of the Bank believes that the Bank has reasonable position in respect of these litigations and accordingly no provision has been made in these unconsolidated financial statements.			
32.1.1	Above guarantees are secured by counter guarantees from the Government of Pakistan.		
32.1.2	These represent various claims filed against the Bank's role as a regulator and certain other cases.		
	Note	2022	2021
		------(Rupees in '000)-----	
32.2 Commitments			
32.2.1	Foreign currency forward and swap contracts - sale	<u>871,788,635</u>	<u>865,057,133</u>
32.2.2	Foreign currency forward and swap contracts - purchase	<u>281,736,616</u>	<u>98,341,540</u>
32.2.3	Futures - sale	<u>22,878,077</u>	<u>14,096,256</u>
32.2.4	Futures - purchase	<u>10,540,096</u>	<u>13,678,234</u>
32.2.5	Capital commitments	<u>1,333,436</u>	<u>1,233,359</u>
33.2.5.1	This represent amounts committed by the Bank to purchase assets from successful bidders.		
32.2.6	The Bank has a commitment to extend equivalent PKR of CNY 30,000 million (Rs. 917,991 million) (2021: PKR of CNY 30,000 million (Rs. 731,730 million)) to People's Bank of China under bilateral currency swap agreement as disclosed in note 22 to these unconsolidated financial statements.		
	Note	2022	2021
		------(Rupees in '000)-----	
33 DISCOUNT, INTEREST / MARK-UP AND / OR PROFIT EARNED ON FINANCIAL ASSETS			
<i>At amortised cost</i>			
Discount, interest / mark-up on government transactions:			
- Federal Government securities		671,226,311	636,848,808
- Federal Government scrips		82,200	82,200
- Loans and advances to and current accounts of governments	33.1	5,940,785	160,968
Securities purchased under agreement to resale		262,780,990	90,251,465
Interest income on preference shares		4,219,707	4,224,427
Return on loans and advances to financial institutions		21,587,905	17,891,910
Foreign currency deposits		10,176,679	5,520,016
Others		4,523	249,555
		<u>976,019,100</u>	<u>755,229,349</u>
<i>At Fair value through profit or loss</i>			
Foreign currency securities		<u>15,764,901</u>	<u>12,790,878</u>

		2022	2021
		(% per annum)	
33.1	Interest profile on loans and advances to facilities are as under:		
	Mark-up on facility	7.53 to 11.05	6.95 to 7.63
	Additional mark-up (where ways and means facility limit is exceeded)	4	4
34	INTEREST / MARK-UP EXPENSE	Note	2022
			2021
			------(Rupees in '000)-----
	Deposits		12,227,538
	Interest on bilateral currency swap		36,325,168
	Interest on special drawing rights		7,506,717
	Securities sold under agreement to repurchase		2,954,745
	Profit on Sukuks purchased under Bai Muajjal agreement		-
	Charges on allocation of special drawing rights of the IMF		1,580,638
			<u>60,594,806</u>
			<u>52,693,517</u>
35	COMMISSION INCOME		
	Market treasury bills	35.1	3,041,829
	Management of public debts	35.1	3,079,218
	Prize bonds and national saving certificates	35.1	567,267
	Draft / payment orders		1,205
	Others		75
			<u>6,689,594</u>
			<u>5,244,753</u>
35.1	These represent commission income earned from services provided to the Federal Government.		
36	EXCHANGE (LOSS) / GAIN - NET	Note	2022
			2021
			----- (Rupees in '000) -----
	(Loss) / Gain on:		
	- Foreign currency placements, deposits, securities and other accounts - net		39,930,353
	- IMF fund facilities		-114,990,336
	- Special drawing rights of the IMF		13,242,063
			<u>(61,817,920)</u>
			<u>135,349,167</u>
37	OTHER OPERATING (LOSS) / GAIN - NET		
	Penalties levied on banks and financial institutions		3,549,211
	License / credit information bureau fee recovered		1,143,402
	(Loss) / gain on disposal of investments - net:		
	- local - at fair value through profit or loss		-
	- foreign - at fair value through profit or loss		-
			<u>-1,992,045</u>
			<u>(1,992,045)</u>
	Loss on remeasurement of securities		
	at fair value through profit or loss		(12,304,358)
	Others		220,058
			<u>(9,383,732)</u>
			<u>2,198,903</u>
38	OTHER INCOME - NET		
	(Loss) / gain on disposal of property, plant and equipment		(807)
	Liabilities and provisions written back - net		4,999,731
	Grant income under foreign assistance program		82,618
	Income from subsidiary	38.1	-
	Others		118,229
			<u>5,199,771</u>
			<u>397,309</u>

38.1 This represents income of a subsidiary - SBP Banking Services Corporation transferred to the Bank in accordance with the arrangements mentioned in note 41.6 to these unconsolidated financial statements.

39 BANKNOTES' PRINTING CHARGES

Banknotes printing charges are paid to Pakistan Security Printing Corporation (Private) Limited (a wholly owned subsidiary of the Bank) at agreed rates under specific arrangements.

40 AGENCY COMMISSION

Agency commission is mainly payable to National Bank of Pakistan (NBP) under an agreement for providing banking services to Federal and Provincial Governments as an agent of the Bank. Furthermore, certain portion of the agency commission also pertains to Bank of Punjab (BOP), which was appointed as agent of the Bank in March 2016, to collect Government of Punjab's taxes and receipts.

	Note	2022 ----- (Rupees in '000) -----	2021
41 GENERAL ADMINISTRATIVE AND OTHER EXPENSES			
Salaries and other benefits		6,323,639	4,663,944
Charge against retirement benefits and employees' compensated absences	41.1 & 41.8.4	6,787,413	4,726,027
Rent and taxes		25,432	57,821
Insurance expenses		81,201	56,014
Electricity, gas and water expenses		88,793	73,434
Depreciation expense	17.1	1,782,584	1,725,563
Amortisation expense	18.1	52,545	92,231
Repairs and maintenance expenses		597,079	465,067
Auditors' remuneration	41.7	12,970	11,718
Legal and professional charges		79,973	54,839
Fund managers / custodian expenses		669,838	310,172
Travelling expenses		80,860	46,902
Daily expenses		45,968	31,037
Postages, telegram / telex and telephone		237,672	223,586
Training expenses	41.2	336,789	306,278
Stationery expenses		21,706	28,300
Books and newspapers charges		46,234	42,795
Advertisement expenses		7,773	7,199
Board committee expenses		9,646	8,944
Recruitment charges		22,798	11,589
Others		209,998	204,918
		17,520,911	13,148,378
Expenses allocated by:			
SBP Banking Services Corporation - a subsidiary	41.3	-	7,067,545
		-	7,067,545
Expenses reimbursed to:			
SBP Banking Services Corporation - a subsidiary	41.5	15,193,847	8,282,727
		15,193,847	8,282,727
		32,714,758	28,498,650

41.1 This includes an amount relating to defined contribution plan aggregating Rs. 396.8 million (2021: Rs. 340.83 million) and employees compensated absences amounting to Rs. 1,022.195 million (2021: Rs. 740.606 million).

41.2 This includes Rs 331.995 million (2021: Rs 300.373 million) relating to the Institute (a wholly owned subsidiary of the Bank) representing reimbursement of training expenses relating to employees of the Bank.

	2022	2021
41.3 Expenses allocated by SBP Banking Services Corporation - a subsidiary	----- (Rupees in '000) -----	
Retirement benefits and employees' compensated absences	-	6,702,850
Depreciation	-	364,648
(Reversal of credit loss) / credit loss allowance	-	47
	<u>-</u>	<u>7,067,545</u>

41.4 During the current year, the Bank has entered into a new arrangement with the Corporation whereby all the expenses will be reimbursed to the Corporation subject to the limit as more fully explained in note 41.6 to these unconsolidated financial statements. Moreover, the profit earned by the Corporation will be transferred / paid to the Bank subject to approval of the Board of Directors of the Corporation. Previously, under the mutually agreed arrangements, all expenses were reimbursed to the Corporation except for depreciation expense, charge related to retirement benefits and employees' compensated absences and expected credit losses, which were allocated to the Bank. Moreover, the profit of the Corporation was also transferred to the Bank.

41.5 Expenses reimbursable to SBP Banking Services Corporation - a subsidiary	Note	2022	2021
		----- (Rupees in '000) -----	
Salaries and other benefits		6,876,462	5,949,884
Rent and taxes		57,079	56,128
Insurance expenses		42,764	25,707
Electricity, gas and water expenses		578,521	418,655
Repairs and maintenance expenses		425,827	414,298
Auditors' remuneration	41.7	12,970	11,718
Legal and professional charges		27,639	9,048
Travelling expenses		24,516	10,702
Daily expenses		46,383	28,652
Passages, rent and recreation allowance		337,656	291,162
Fuel charges		8,561	5,376
Conveyance charges		23,745	19,260
Postage and telephone expenses		20,826	21,028
Training expenses		33,824	6,181
Remittance of treasure		224,349	216,223
Stationery expenses		33,576	29,764
Books and newspapers charges		2,910	2,415
Advertisement expenses		11,110	10,811
Bank guards' charges		238,297	230,218
Uniforms		39,612	32,626
Expenses to be reimbursed to the Institute		82,888	130,639
Depreciation expenses		545,105	-
Charge against retirement benefits and employees' compensated absences		8,642,677	-
Others		434,131	362,232
		<u>18,771,428</u>	<u>8,282,727</u>
Less: limitation on reimbursement of expenses	41.5.1	3,577,581	-
Net reimbursable from State Bank of Pakistan		<u>15,193,847</u>	<u>8,282,727</u>

41.5.1 Limitation on reimbursement of expenses

Interest income from investments funding the deferred liabilities (a)		3,577,581	-
Interest cost related to defined benefit plans (b)		5,535,982	-
Lower of (a) or (b)	41.5.1.1	<u>3,577,581</u>	<u>-</u>

41.5.1.1 The amount adjusted from the unconsolidated profit and loss account is based on lower of interest cost in respect of defined benefit schemes and interest income from investments as explained in note 41.6 to these unconsolidated financial statements.

41.6 SBP Banking Services Corporation (the Corporation), a wholly owned subsidiary of the Bank, carries out certain functions and activities principally relating to public dealing on behalf of the Bank and incurs administrative costs in this respect.

During the year, the Corporation has entered into an arrangement with the Bank namely 'Enhanced Financial Transparency of the SBP and BSC Financial statements' which among other amendments include following amendments pertaining to reimbursement of expenses and distribution and retention of profit of the Corporation:

- i) Reimbursement of the expenses from SBP computed as below:

All expenses disclosed in the Profit and Loss account of the Corporation and experience adjustments related to financial and demographic assumptions disclosed in the Statement of Comprehensive Income of the Corporation after deducting an amount which is lower of:

- a) Interest cost included in the Profit and Loss account related to the defined benefit schemes; or
b) Interest income from investments funding the deferred liabilities.

- ii) The distribution and retention of the Corporation's profit subject to the approval of the Board of Directors from time to time.

The impact of all above amendments have been made in the financial statements of the Bank with effect from July 1, 2021.

41.7 Auditors' remuneration

	2022			2021		
	KPMG Taseer Hadi & Co	A. F. Ferguson & Co.	Total	KPMG Taseer Hadi & Co	A. F. Ferguson & Co.	Total
(Rupees in '000)						
State Bank of Pakistan						
Audit fee	5,146	5,146	10,292	4,649	4,649	9,298
Out of pocket expenses	859	859	1,718	776	776	1,552
Sindh Sales Tax on services	480	480	960	434	434	868
	6,485	6,485	12,970	5,859	5,859	11,718
SBP Banking Services Corporation						
Audit fee	4,287	4,287	8,574	3,873	3,873	7,746
Out of pocket expenses	1,718	1,718	3,436	1,552	1,552	3,104
Sindh Sales Tax on services	480	480	960	434	434	868
	6,485	6,485	12,970	5,859	5,859	11,718
	12,970	12,970	25,940	11,718	11,718	23,436

41.8 Staff retirement benefits

- 41.8.1 During the year the actuarial valuations of the defined benefit obligations were carried out under the projected unit credit method using the following significant assumptions:

	2022	2021
- discount rate for year end obligation	13.25% p.a	10.00% p.a
- salary increase rate	18% p.a	14.75% p.a
- pension indexation rate	11.25% p.a	8.00% p.a
- medical cost increase rate	13.25% p.a	10.00% p.a
- petrol price increase rate (where applicable)	18% p.a	14.75% p.a
- personnel turnover	6.65% p.a	4.36% p.a
- normal retirement age	60 Years	60 Years

Assumptions regarding future mortality are based on actuarial advice in accordance with published statistics and experience in Pakistan. The rates assumed are based on the adjusted SLIC 2001 - 2005 mortality tables with 1 year setback.

- 41.8.2 Through its defined benefit plan, the Bank is exposed to a number of risks, the most significant of which are detailed below:

Discount rate risk

The risk of changes in discount rate, since discount rate is based on corporate / government bonds, any decrease in bond yields will increase plan liabilities.

Salary increase / inflation risk

The risk that the actual salary increase is higher than the expected salary increase, where benefits are linked with final salary at the time of cessation of service, is likely to have an impact on liability.

Pension Increase

The risk that the actual pension increase is higher than the expected, where benefits are being paid in form of monthly pension, is likely to have an impact on liability.

Mortality risk

The risk that the actual mortality experience is lower than that of expected i.e. the actual life expectancy is longer from assumed.

Withdrawal risk

The risk of actual withdrawals experience may differ from that assumed in the circulation.

41.8.3 Change in present value of defined benefit obligation

	2022						
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan	Total
	(Rupees in '000)						
Present value of defined benefit obligation July 1, 2021	25,087,199	121,599	10,151,736	330,714	801,551	-	36,492,799
Current service cost	309,622	7,665	185,468	4,979	50,215	1,298,931	1,856,880
Interest cost on defined benefit obligation	2,390,661	11,715	984,603	30,439	77,806	-	3,495,224
Past service cost	-	-	-	-	28,475	-	28,475
	2,700,283	19,380	1,170,071	35,418	156,496	1,298,931	5,380,579
Benefits paid	(2,361,187)	(8,890)	(611,404)	(52,642)	(46,984)	(109,052)	(3,190,159)
Liability transferred to SBP Banking Service Corporation - a subsidiary	-	-	-	-	-	-	-
Remeasurements:							
actuarial (gains) / losses from changes in financial assumptions	179,573	663	1,705,504	(52,448)	55,920	-	1,889,212
experience adjustments	727,757	9,466	(462,587)	22,887	-	-	297,523
	907,330	10,129	1,242,917	(29,561)	55,920	-	2,186,735
Present value of defined benefit obligation as on June 30, 2022	26,333,625	142,218	11,953,320	283,929	966,983	1,189,879	40,869,954

	2021					
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Total
	(Rupees in '000)					
Present value of defined benefit obligation July 01, 2020	23,868,103	90,324	9,506,824	393,081	694,630	34,552,962
Current service cost	309,085	13,127	204,749	5,181	43,985	576,127
Interest cost on defined benefit obligation	2,113,269	8,344	848,883	34,566	63,398	3,068,460
	2,422,354	21,471	1,053,632	39,747	107,383	3,644,587
Benefits paid	(2,043,900)	(232)	(659,429)	(38,781)	(18,494)	(2,760,836)
Liability transferred to SBP Banking Service Corporation - a subsidiary	(26,019)	-	(7,450)	(472)	(985)	(34,926)
Remeasurements:						
actuarial (gains) / losses from changes in financial assumptions	-	-	-	-	-	-
experience adjustments	866,661	10,036	258,159	(62,861)	19,017	1,091,012
	866,661	10,036	258,159	(62,861)	19,017	1,091,012
Present value of defined benefit obligation as on June 30, 2021	25,087,199	121,599	10,151,736	330,714	801,551	36,492,799

41.8.3.1 The break-up of remeasurements recognised during the period in the unconsolidated statement of comprehensive income are as follows:

Remeasurements recognised in the unconsolidated statement of comprehensive income

	2022						
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan	Total
	(Rupees in '000)						
- Actuarial gains / (losses) from changes in financial assumptions	(179,573)	(663)	(1,705,504)	52,448	(55,920)	-	(1,889,212)
- Experience adjustments	(727,757)	(9,466)	462,587	(22,887)	-	-	(297,523)
	<u>(907,330)</u>	<u>(10,129)</u>	<u>(1,242,917)</u>	<u>29,561</u>	<u>(55,920)</u>	<u>-</u>	<u>(2,186,735)</u>
Reimbursed to SBP Banking Services Corporation - a subsidiary*	(423,241)	(2,283)	(7,008,675)	85,531	(34,097)	-	(7,382,765)

2021					
Pension fund	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement benefits	Total
(Rupees in '000)					
- Actuarial gains / (losses) from changes in financial assumptions	-	-	-	-	-
- Experience adjustments	(866,661)	(10,036)	(258,159)	62,861	(19,017)
	<u>(866,661)</u>	<u>(10,036)</u>	<u>(258,159)</u>	<u>62,861</u>	<u>(19,017)</u>
Reimbursed to SBP Banking Services Corporation - a subsidiary*	(2,693,359)	(532)	356,406	56,762	(61,766)
					(2,342,489)

*Under mutually agreed arrangements, the amount has been reimbursed by the State Bank of Pakistan.

41.8.4 Amount recognised in the unconsolidated profit and loss account

	2022						
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan	Total
	(Rupees in '000)						
Current service cost	309,622	7,665	185,468	4,979	50,215	1,298,931	1,856,880
Past service cost	-	-	-	-	28,475	-	28,475
Interest cost on defined benefit obligation	2,390,661	11,715	984,603	30,439	77,806	-	3,495,224
	2,700,283	19,380	1,170,071	35,418	156,496	1,298,931	5,380,579

2021						
Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Total	
(Rupees in '000)						
Current service cost	309,085	13,127	204,749	5,181	43,985	576,127
Interest cost on defined benefit obligation	2,113,269	8,344	848,883	34,566	63,398	3,068,460
Contribution made by employees	-	-	-	(3,521)	-	(3,521)
	2,422,354	21,471	1,053,632	39,747	107,383	3,644,587

41.8.5 Movement of present value of defined benefit obligation

	2022						
Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan	Total	
(Rupees in '000)							
Net recognised liabilities at July 1, 2021	25,087,199	121,599	10,151,736	330,714	801,551	-	36,492,799
Amount recognised in the unconsolidated profit and loss account	2,700,283	19,380	1,170,071	35,418	156,496	1,298,931	5,380,579
Remeasurements	907,330	10,129	1,242,917	(29,561)	55,920	-	2,186,735
Benefits paid during the year	(2,361,187)	(8,890)	(611,404)	(52,642)	(46,984)	(109,052)	(3,190,159)
Liability Transferred to SBP Banking Service Corporation - a subsidiary	-	-	-	-	-	-	-
Net recognised liabilities at June 30, 2022	26,333,625	142,218	11,953,320	283,929	966,983	1,189,879	40,869,954

	2021					
Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Total	
(Rupees in '000)						
Net recognised liabilities at July 1, 2020	23,868,103	90,324	9,506,824	393,081	694,630	34,552,962
Amount recognised in the unconsolidated profit and loss account	2,422,354	21,471	1,053,632	39,747	107,383	3,644,587
Remeasurements	866,661	10,036	258,159	(62,861)	19,017	1,091,012
Benefits paid during the year	(2,043,900)	(232)	(659,429)	(38,781)	(18,494)	(2,760,836)
Liability Transferred to SBP Banking Service Corporation - a subsidiary	(26,019)	-	(7,450)	(472)	(985)	(34,926)
Employees contribution / amount transferred	-	-	-	-	-	-
Net recognised liabilities at June 30, 2021	25,087,199	121,599	10,151,736	330,714	801,551	36,492,799

41.8.6 The sensitivity of the defined benefit obligation to changes in the weighted principal assumptions is:

Impact on defined benefit obligation - increase / (decrease)			
Change in assumption	Increase in assumption	Decrease in assumption	
----- (Rupees in '000) -----			
Pension			
Discount rate	1%	(1,721,939)	1,982,965
Future salary increase	1%	420,140	(394,697)
Future pension increase	1%	3,448,279	(1,418,351)
Expected mortality rates	1 Year	941,101	(850,006)
Gratuity			
Discount rate	1%	(10,659)	11,940
Future salary increase	1%	12,044	(10,949)
Post retirement medical benefit scheme			
Discount rate	1%	(1,239,081)	1,474,948
Future Post-Retirement medical cost increase	1%	1,440,022	(1,175,945)
Expected mortality rates	1 Year	503,696	(451,556)
Benevolent			
Discount rate	1%	(12,880)	14,241
Six months post retirement facility			
Discount rate	1%	(61,889)	68,981
Future salary increase	1%	70,131	(64,105)
Income Continuation Plan			
Discount Rate	1%	(88,898)	101,545
Future Salary Increase	1%	80,095	(72,071)
Expected mortality rates	1 Year	100,052	(100,719)

The above sensitivity analysis is based on a change in an assumption while holding all other assumptions constant. When calculating the sensitivity of the defined benefit obligation to significant actuarial assumptions, the same method (present value of the defined benefit obligation calculated with the projected unit credit method at the end of the reporting period) has been applied as when calculating the liability of all schemes recognised within the unconsolidated balance sheet.

41.8.7 Duration of defined benefit obligation

	Pension	Gratuity scheme	Post retirement medical benefit	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan
Weighted average duration of the defined benefit obligation	7 Years	8 Years	11 Years	5 Years	7 Years	8 Years

41.8.8 Estimated expenses to be charged to the unconsolidated profit and loss account for the year ending June 30, 2023

Based on the actuarial advice, the management estimates that charge in respect of defined benefit plans for the year ending June 30, 2023 would be as follows:

	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan	Total
	(Rupees in '000)						
Current service cost	342,125	9,574	209,343	3,677	60,474	-	625,193
Interest cost on defined benefit obligation	3,489,205	18,797	1,583,825	35,189	120,600	131,165	5,378,781
Amount chargeable to the unconsolidated profit and loss account	3,831,330	28,371	1,793,168	38,866	181,074	131,165	6,003,974

41.8.9 Employees' compensated absences

The Bank's liability for employees' compensated absences determined through an actuarial valuation carried out under the Projected unit credit method amounted to Rs. 6,671.612 million (2021: Rs. 5,910.610 million). An amount of Rs. 1,022.195 million (2021: Rs. 740.606 million) has been charged to the unconsolidated profit and loss account in the current period based on the actuarial advice. Expected charge in respect of the scheme for the year ending June 30, 2023 would be Rs. 1,396.470 million. The benefits paid during the year amounted to Rs. 261.193 million (2021: Rs. 143.162 million). In case of 1% increase / decrease in discount rate the net charge for the year would decrease / increase by Rs. 382.713 million and Rs. 426.938 million respectively and the net liability would also be affected by the same amount. In case of 1% increase / decrease in salary rate the net charge for the year would increase / decrease by Rs. 437.795 million and Rs. 400.142 million respectively and the net liability would also be affected by the same amount. The weighted average duration for the liability against employee's compensated absences is 6 years.

42 CHARGE / (REVERSAL) FOR CREDIT LOSS ALLOWANCE ON FINANCIAL INSTRUMENTS - NET

The following table reconciles the expected credit losses allowance for the year ended June 30, 2022 by classes of financial instruments:

	2022				
	Foreign currency accounts and investments (note 8)	Investments - local (note 13)	Loans, advances and bills of exchange (note 14)	Current accounts of governments	Securities purchased under agreement to resell (note 12)
	(Rupees in '000)				
As at July 1, 2021	16,561	39,478	2,144,762	-	6
(Reversal) / charge during the year	(12,396)	-	5,556	-	8,726
As at June 30, 2022	4,165	39,478	2,150,318	-	8,732

	2021				
	Foreign currency accounts and investments (note 8)	Investments - Local (note 13)	Loans, advances and bills of exchange (note 14)	Current accounts of governments	Securities purchased under agreement to resell (note 12)
	(Rupees in '000)				
As at July 1, 2020	88	78,953	2,185,759	-	7
Charge / (reversal) during the year	16,473	(39,475)	(40,997)	-	(1)
As at June 30, 2021	16,561	39,478	2,144,762	-	6

	Note	2022 ----- (Rupees in '000) -----	2021
43 PROFIT FOR THE YEAR AFTER NON-CASH ITEMS AND OTHER ITEMS			
Profit for the year		746,051,313	757,020,965
Adjustments for:			
Depreciation	17.1 & 41.5	2,327,689	2,090,211
Amortisation	18.1	52,545	92,231
Reversal of credit loss allowance		4,569,087	(24,525)
Provision / (reversal) for / write-off:			
- retirement benefits and employees' compensated absences	41 & 41.5	15,430,090	11,428,877
- other doubtful assets	27.3.1.1	376,377	(24,621)
Loss / (gain) on disposal of property, plant and equipment	38	807	(805)
Loss / (gain) on disposal of financial assets		1,991,238	(1,214,874)
Gain on remeasurement of securities		12,298,228	2,455,602
Dividend income		(632,500)	(500,000)
Effect of exchange loss / (gain) on assets and liabilities		61,817,920	(135,349,167)
		<u>844,282,794</u>	<u>635,973,894</u>

44 CASH AND CASH EQUIVALENTS

Local currency - coins	7	406,368	417,574
Foreign currency accounts and investments having maturity of less than 3 months	8	1,985,439,538	2,254,903,258
Earmarked foreign currency balances	9	24,050,690	20,707,899
Special Drawing Rights of the International Monetary Fund	10	43,460,776	60,771,006
		<u>2,053,357,372</u>	<u>2,336,799,737</u>

45 RELATED PARTY TRANSACTIONS

The Bank enters into transactions with related parties in its normal course of business. Related parties include the Federal Government as major shareholder of the Bank, Provincial Governments, Government of Azad Jammu and Kashmir, Gilgit-Baltistan Administration Authority, government controlled enterprises / entities, retirement benefit plans, directors and key management personnel of the Bank.

	2022 ----- Rupees in '000 -----	2021
45.1 National Institute of Banking and Finance (Guarantee) Limited (the institute)		
Balances at the year end		
Current account with the Institute	197,142	202,002
Transactions during the year		
Training expense	414,883	431,012
Payments made during the year	419,743	(415,617)
45.2 Pakistan Security Printing Corporation (Private) Limited		
Balances at the year end		
Payable against printing charges	289,379	237,871
Receivable against salaries	16,867	29,857
Transactions during the year		
Banknotes printing charges	19,094,830	18,573,224
Payment made against printing charges	19,030,332	20,147,207

45.3 Governments and related entities

The Bank is acting as an agent of the Federal Government and is responsible for functions conferred upon as disclosed in note 1 to these unconsolidated financial statements. Balances outstanding from and transactions with the Federal and Provincial Governments and related entities not disclosed elsewhere in the unconsolidated financial statements are given below:

	2022	2021
	----- (Rupees in '000) -----	
Transactions during the year		
- Creation of PIBs	<u>43,711,253</u>	<u>-</u>
- Retirement of PIBs	<u>569,000,000</u>	<u>569,000,000</u>
- IMF on-lent to Government of Pakistan (GoP)	<u>474,938,820</u>	<u>-</u>
- Commission income from sale of Market Treasury Bills, issuance of prize bonds, National Saving Certificates and management of public debt (refer note 36.1)		

45.4 Remuneration of Governor, Deputy Governor, non- executive Directors and external members of Monetary Policy Committee (MPC)

In compliance with section 14A(7) of State Bank of Pakistan Act, 1956 the consolidated amount of remuneration of the Governor, Deputy Governors, fees of non-executive Directors and the external members of the Monetary Policy Committee are as follows:

	2022	2021
	----- (Rupees in '000) -----	
Salaries and other benefits of Governor and Deputy Governors	154,995	142,718
Fee of non-executive Directors	6,295	6,441
Fee of external members of MPC	3,742	2,864
	<u>165,032</u>	<u>152,023</u>

45.5 Remuneration to key management personnel

Key management personnel of the Bank include members of the Board of Directors of the Bank, Governor of the Bank, Deputy Governors of the Bank and other executives of the Bank who have responsibility for planning, directing and controlling the activities of the Bank. Fee of the non-executive members of the Board of Directors is determined by the Board. The Governor of the Bank is appointed by the President of Pakistan, whereas the Deputy Governors are appointed by the Federal Government. Further in accordance with section 14A of the State Bank of Pakistan Act, 1956 the remuneration of Governor, Deputy Governors is determined by the Board of Directors of the Bank. Details of remuneration of key management personnel of the Bank are as follows:

	2022	2021
	----- (Rupees in '000) -----	
Salaries and other benefits	751,313	614,015
Retirement benefits and employees' compensated absences	307,506	174,969
Loans disbursed during the year	108,772	74,768
Loans repaid during the year	173,847	115,298
Disposal of vehicle during the year	4,692	1,699
Directors' fees	10,037	9,305
Number of key management personnel	29	27

Salaries and other benefits include medical benefits and free use of the Bank maintained cars in accordance with their entitlements. Retirement benefits include gratuity, pension, benevolent fund, post retirement medical benefits, six months post retirement facility, income continuation plan and contributory provident funds.

45.6 Subsidiaries of the Bank

Material transactions with the subsidiaries have been disclosed in these unconsolidated financial statements in note 45.1 and 45.2. The subsidiaries of the Bank and their primary activities are given in note 1.3 to these unconsolidated financial statements.

45.7 Associated undertakings of the Bank

45.7.1 SICPA Inks Pakistan (Private) Limited (SICPA) - associated undertaking

SICPA is a joint venture of SICPA SA, Switzerland and PSPC, incorporated in 1995. The company operates a facility in Karachi for manufacturing security inks for printing of all denominations of currency notes and other value documents, such as, passports, postage stamps and stamp papers, etc.

45.7.2 Security Papers Limited (SPL) - associated undertaking

SPL is an associated company of PSPC. It was established in 1965. It became a joint venture company of Iran, Turkey and Pakistan in 1967, under the protocol of regional corporation of development (now economic corporation organization) in 1967. SPL is engaged in manufacturing of paper required by PSPC for printing banknotes, prize bonds, non-judicial stamp paper, share certificates and watermarked certificate / degree papers for various educational institutions of Pakistan.

46 RISK MANAGEMENT POLICIES

The Bank is primarily subject to interest / mark-up rate, credit, currency and liquidity risks. The policies and procedures for managing these risks are outlined in notes 46.1 to 46.7 to these unconsolidated financial statements. The Bank has designed and implemented a framework of controls to identify, monitor and manage these risks. The senior management is responsible for advising the Governor on the monitoring and management of these risks.

46.1 Credit risk management

Credit risk is the risk that one party to a financial instrument will fail to discharge an obligation and cause the other party to incur a financial loss. Credit risk in the Bank's portfolio is monitored, reviewed and analysed by the appropriate officials and the exposure is controlled through counterparty and credit limits. Counterparties are allocated to a particular class based mainly on their credit rating. Foreign currency placements are made in approved currencies and government securities. Loans and advances to scheduled banks and financial institutions are usually secured either by government guarantees or by demand promissory notes. Equity exposure based on their nature are not exposed to credit risk. Geographical exposures are controlled by country limits and are updated as and when necessary with all limits formally reviewed on a periodic basis. The Bank's exposure to credit risk associated with foreign investments is managed by monitoring compliance with investment limits for counterparties. The Bank's credit risk mainly lies with exposure towards government sector and financial institutions.

46.1.1 Derivative financial instruments

Credit risk arising from derivative financial instruments is, at any time, limited to those with positive fair values, as recorded on the unconsolidated balance sheet.

46.1.2 Impairment assessment

The references below show where the Bank's impairment assessment and measurement approach is set out in this report. It should be read in conjunction with the summary of significant accounting policies.

46.1.2.1 Definition of default

The Bank defines a financial instrument as in default when the financial asset is credit - impaired and meets one or more of the following criteria:

Quantitative criteria

The borrower is more than 90 days past due on its contractual payments are considered default by the Bank.

Qualitative criteria

- a breach of contract, such as default or past due event;
- the lenders of the counterparty have granted a concession to the counterparty for economic or contractual reasons;
- relating to the counterparty's financial difficulty that the lender would not otherwise consider;
- the likelihood or probability that the counterparty will enter bankruptcy or other financial reorganization; or
- the dissolution of an active market for that financial asset due to financial difficulties.

46.1.2.2 Credit rating and PD estimation process

The Bank's PD estimation process is based on the probability of default assigned to each counterparty according to their external credit ratings and the related historical credit losses experience, adjusted for forward-looking information.

Internal rating	2022	2021	External rating
	12 month PD	12 month PD	
Performing			
High grade	0.0000%	0.0000%	Sovereign
High grade	0.0000%-0.0318%	0.0000%-0.0318%	AAA
High grade	0.0318%-0.0751%	0.0318%-0.0751%	AA+ to AA-
High grade	0.0751%-0.2334%	0.0751%-0.2334%	A+ to A-
Standard grade	0.2334%-0.5574%	0.2334%-0.5574%	BBB+ to BBB-
Standard grade	0.5574%-1.3393%	0.5574%-1.3393%	BB+ to BB-
Standard grade	1.3393%-3.3597%	1.3393%-3.3597%	B+ to B-
Rating below standard	3.3597%-9.6562%	3.3597%-9.6562%	CCC+ to CCC-
Rating below standard	9.6562%-100%	9.6562%-100%	CC
Non performing			
Individually impaired	100%	100%	

46.1.2.3 Exposure at default

The exposure at default (EAD) represents the gross carrying amount of the financial instruments subject to the impairment calculation, addressing both the client's ability to increase its exposure while approaching default and potential early repayments too. To calculate the EAD for a stage 1 financial instruments, the Bank assesses the possible default events within 12 months for the calculation of the 12 months ECL. For stage 2 and stage 3 the exposure at default is considered for events over the lifetime of the instruments. The Bank determines EAD by modelling the range of possible exposure outcomes at various points in time, corresponding the multiple scenarios.

46.1.2.4 Loss given default

Loss given default represents the Bank's expectation of the extent of loss on a defaulted exposure. LGD varies by type of counterparty, type and seniority of claim and availability of collateral or other credit support.

46.1.2.5 Significant increase in credit risk

The Bank considers a financial asset to have experienced a significant increase in credit risk when:

- credit rating falls below investment grade in case of investments made in financial assets, or
- the contractual payments are 30 days past due.

46.1.2.6 Collateral and other credit enhancements

To mitigate its credit risks on financial assets, the Bank seeks to use collateral, where possible. The collateral comes in various forms, such as cash, securities, letters of credit / guarantees and demand promissory notes. The collaterals held against financial assets of the Bank have been disclosed in their respective notes, where applicable.

46.1.3 Concentrations of risk

Concentration risk arises when a number of counterparties are engaged in similar business activities or have similar economic features that would cause their ability to meet contractual obligations to be similarly effected by changes in economic, political or other conditions. The Bank's significant concentrations arising from financial instruments at the reporting date without taking any collateral held or other credit enhancements is shown below:

46.1.3.1 Geographical analysis

2022						
Pakistan	Asia (other than Pakistan)	America	Europe	Australia	Others	Grand total
(Rupees in '000)						
Financial assets						
Local currency - coins	406,368	-	-	-	-	406,368
Foreign currency accounts and investments	665	628,696,654	1,024,584,413	522,484,256	7,121	2,178,254,073
Earmarked foreign currency balances	24,050,690	-	-	-	-	24,050,690
Special drawing rights of International Monetary Fund	-	-	43,460,776	-	-	43,460,776
Reserve tranche with the International Monetary Fund under quota arrangements	-	-	32,857	-	-	32,857
Securities purchased under agreement to resell	4,518,609,584	-	-	-	-	4,518,609,584
Investments - local	6,302,839,390	-	-	-	-	6,302,839,390
Loans, advances and bills of exchange	2,070,022,608	787,295	-	-	-	2,070,809,903
Assets held with the Reserve Bank of India	-	2,315,977	-	-	-	2,315,977
Balances due from the Governments of India and Bangladesh	-	15,107,201	-	-	-	15,107,201
Other assets	23,958,189	12,377,704	599,346	-	-	36,935,239
Total financial assets	12,939,887,494	659,284,831	1,068,677,392	522,484,256	7,121	15,192,822,058

2021						
Pakistan	Asia (other than Pakistan)	America	Europe	Australia	Others	Grand total
(Rupees in '000)						
Financial assets						
Local currency - coins	417,574	-	-	-	-	417,574
Foreign currency accounts and investments	-	1,481,590,684	530,135,244	847,112,678	6,206	2,858,844,812
Earmarked foreign currency balance	20,707,900	-	-	-	-	20,707,900
Special drawing rights of International Monetary Fund	-	-	60,771,006	-	-	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	-	-	26,727	-	-	26,727
Securities purchased under agreement to resell	1,792,952,119	-	-	-	-	1,792,952,119
Current accounts of governments	33,793,930	-	-	-	-	33,793,930
Investments - local	6,848,676,199	-	-	-	-	6,848,676,199
Loans, advances and bills of exchange	1,179,957,105	4,549	-	-	-	1,179,961,654
Assets held with the Reserve Bank of India	-	1,939,592	-	-	-	1,939,592
Balances due from the Governments of India and Bangladesh	-	14,087,874	-	-	-	14,087,874
Other assets	20,402,251	9,115,950	5,122	-	-	29,523,323
Total financial assets	9,896,907,078	1,506,738,649	590,938,099	847,112,678	6,206	12,841,702,710

The geographical analysis is based on composition of financial assets in the specific continents other than for Pakistan which has been disclosed separately. All continents having significant composition have been presented separately while the remaining have been clubbed under "Others".

46.1.3.2 Industrial analysis

2022						
Sovereign	Supra-national	Public sector entities	Corporate	Banks & financial institutions	Others	Grand total
(Rupees in '000)						
Financial assets						
Local currency - coins	406,368	-	-	-	-	406,368
Foreign currency accounts and investments	765,774,539	523,686,416	-	888,793,118	-	2,178,254,073
Earmarked foreign currency balances	24,050,690	-	-	-	-	24,050,690
Special drawing rights of International Monetary Fund	-	43,460,776	-	-	-	43,460,776
Reserve tranche with the International Monetary Fund under quota arrangements	-	32,857	-	-	-	32,857
Securities purchased under agreement to resell	11,925,391	-	-	4,506,684,193	-	4,518,609,584
Investments - local	6,145,051,645	-	106,659,082	51,128,663	-	6,302,839,390
Loans, advances and bills of exchange	539,503,400	-	159,992,571	1,356,621,959	14,691,973	2,070,809,903
Assets held with the Reserve Bank of India	2,315,977	-	-	-	-	2,315,977
Balances Due From The Governments Of India and Bangladesh (Former East Pakistan)	15,107,201	-	-	-	-	15,107,201
Other assets	33,247,854	402,192	273,187	2,392,465	619,541	36,935,239
Total financial assets	7,537,383,065	567,582,241	266,924,840	6,805,620,398	15,311,514	15,192,822,058

2021						
Sovereign	Supra-national	Public sector entities	Corporate	Banks & financial institutions	Others	Grand total
(Rupees in '000)						
Financial assets						
Local currency - coins	417,574	-	-	-	-	417,574
Foreign currency accounts and investments	1,240,905,022	659,293,707	-	958,646,083	-	2,858,844,812
Earmarked foreign currency balance	20,707,900	-	-	-	-	20,707,900
Special drawing rights of International Monetary Fund	-	60,771,006	-	-	-	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	-	26,727	-	-	-	26,727
Securities purchased under agreement to resell	-	55,373,353	-	1,737,578,766	-	1,792,952,119
Current accounts of governments	33,793,930	-	-	-	-	33,793,930
Investments - local	6,679,188,550	-	121,248,991	48,238,658	-	6,848,676,199
Loans, advances and bills of exchange	4,549	-	122,628,133	1,043,397,674	13,931,298	1,179,961,654
Assets held with the Reserve Bank of India	1,939,592	-	-	-	-	1,939,592
Balances due from the Governments of India and Bangladesh	14,087,874	-	-	-	-	14,087,874
Other assets	11,732,516	5,122	66,745	17,486,469	232,471	29,523,323
Total financial assets	8,002,777,507	720,096,562	299,317,222	3,805,347,650	14,163,769	12,841,702,710

46.1.4 CREDIT EXPOSURE BY CREDIT RATING

The credit quality of financial assets is managed by the Bank using external credit ratings. The table below shows the credit quality by class of assets for all financial assets that are neither past due nor impaired as at the reporting date and are exposed to credit risk, based on the rating of external rating agencies. The Bank uses lower of the credit rating of Moody's, Standard & Poor's and Fitch to categorise its financial assets in foreign currency accounts and investments. For domestic financial assets credit rating of VIS and PACRA are used.

2022								
Sovereign (46.3.1)	AAA	AA	A	BBB	Lower than BBB	Unrated	Grand Total	
(Rupees in 000')								
Financial assets								
Local currency - coins	406,368	-	-	-	-	-	-	406,368
Foreign currency accounts and investments	765,774,539	85,789,187	534,009,054	792,097,390	40	-	583,863	2,178,254,073
Earmarked foreign currency balance	24,050,690	-	-	-	-	-	-	24,050,690
Special drawing rights of International Monetary Fund	-	-	-	-	-	-	43,460,776	43,460,776
Reserve tranche with the International Monetary Fund under quota arrangements	-	-	-	-	-	-	32,857	32,857
Securities purchased under agreement to resell	11,925,391	3,070,396,767	885,051,575	380,552,183	147,696,176	-	22,987,492	4,518,609,584
Current accounts of governments	-	-	-	-	-	-	-	-
Investments - local	6,145,051,645	104,398,759	39,478	2,260,323	51,089,185	-	-	6,302,839,390
Loans, advances and bills of exchange	539,503,400	335,813,959	1,036,063,424	13,067,422	123,198,986	-	23,162,712	2,070,809,903
Assets held with the Reserve Bank of India	-	-	-	-	2,315,977	-	-	2,315,977
Balances due from the Governments of India and Bangladesh	-	-	-	-	40,453	15,066,748	-	15,107,201
Other assets	33,247,854	869,614	1,033,470	1,698,297	-	-	86,004	36,935,239
Total financial assets	7,519,959,887	3,597,268,286	2,456,197,001	1,189,675,615	324,340,817	15,066,748	90,313,704	15,192,822,058

	2021							
	Sovereign (46.3.1)	AAA	AA	A	BBB	Lower than BBB	Unrated	Grand Total
	(Rupees in 000')							
Financial assets								
Local currency - coins	417,574	-	-	-	-	-	-	417,574
Foreign currency accounts and investments	817,417,290	711,324,703	534,009,055	794,972,705	40	-	1,121,019	2,858,844,812
Earmarked foreign currency balance	20,707,900	-	-	-	-	-	-	20,707,900
Special drawing rights of International Monetary Fund	-	-	-	-	-	-	60,771,006	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	-	-	-	-	-	-	26,727	26,727
Securities purchased under agreement to resell	-	458,638,765	1,173,120,210	158,354,424	-	-	2,838,720	1,792,952,119
Current accounts of governments	33,793,930	-	-	-	-	-	-	33,793,930
Investments - local	6,679,188,550	162,587,151	4,911,501	1,988,997	-	-	-	6,848,676,199
Loans, advances and bills of exchange	-	335,813,959	807,975,738	13,160,083	-	-	23,011,874	1,179,961,654
Assets held with the Reserve Bank of India	-	-	-	-	1,939,592	-	-	1,939,592
Balances due from the Governments of India and Bangladesh	-	-	-	-	40,453	14,047,421	-	14,087,874
Other assets	11,732,516	669,614	6,601,115	9,179,159	-	-	1,340,919	29,523,323
Total financial assets	7,563,257,760	1,669,034,192	2,526,617,619	977,655,368	1,980,085	14,047,421	89,110,265	12,841,702,710

46.1.4.1 Government securities and balances, pertaining to Pakistan, are rated as sovereign. The international rating of Pakistan is B- (as per Standards & Poor's).

46.1.4.2 The collateral held as security against financial assets to cover the credit risk are disclosed in the respective notes.

46.2 LIQUIDITY ANALYSIS WITH INTEREST / MARK-UP RATE RISK

46.2.1 Interest / mark-up rate risk is the risk that the value of a financial instrument will fluctuate due to changes in the market interest / mark-up rates. The Bank has adopted appropriate policies to minimise its exposure to this risk.

	2022						Grand total
	Interest / mark-up bearing			Non interest / mark-up bearing			
	Maturity up to one year	Maturity after one year	Sub-total	Maturity up to one year	Maturity after one year	Sub-total	
(Rupees in '000)							
Financial assets							
Non-derivative assets:							
Local currency - coins	-	-	-	406,368	-	406,368	406,368
Foreign currency accounts and investments	1,411,025,716	-	1,411,025,716	-	1,491,490	1,491,490	1,412,517,206
Earmarked foreign currency balance	-	-	-	24,050,690	-	24,050,690	24,050,690
Special drawing rights of International Monetary Fund	43,460,776	-	43,460,776	-	-	-	43,460,776
Reserve tranche with the International Monetary Fund under quota arrangements	-	-	-	32,857	-	32,857	32,857
Securities purchased under agreement to resell	4,518,609,584	-	4,518,609,584	-	-	-	4,518,609,584
Investments - local	310,000,000	(255,146,315)	54,853,685	-	102,934,061	102,934,061	157,787,746
Loans, advances and bills of exchange	856,500,661	1,090,770,988	1,947,271,649	104,133,790	19,404,464	123,538,254	2,070,809,903
Assets held with the Reserve Bank of India	-	-	-	2,315,977	-	2,315,977	2,315,977
Balances due from the Governments of India and Bangladesh	-	-	-	15,107,201	-	15,107,201	15,107,201
Other assets	27,055,308	-	27,055,308	(24,892,704)	-	(24,892,704)	2,162,604
	7,166,652,045	835,624,673	8,002,276,718	121,154,179	123,830,015	244,984,194	8,247,260,912
Derivative assets							
Foreign currency accounts and investments - net	-	-	-	(41,837)	-	(41,837)	(41,837)
Other assets	-	-	-	1,524,781	-	1,524,781	1,524,781
	-	-	-	1,482,944	-	1,482,944	1,482,944
Grand total	7,166,652,045	835,624,673	8,002,276,718	122,637,123	123,830,015	246,467,138	8,248,743,856
Financial liabilities							
Banknotes in circulation	-	-	-	7,992,592,100	-	7,992,592,100	7,992,592,100
Bills payable	-	-	-	1,251,297	-	1,251,297	1,251,297
Current accounts of the governments*	-	-	-	1,547,182,248	-	1,547,182,248	1,547,182,248
Current account with SBP Banking Services Corporation - a subsidiary	-	-	-	10,511,671	-	10,511,671	10,511,671
Current account with National Institute of Banking and Finance (Guarantee) Limited - a subsidiary	-	-	-	197,142	-	197,142	197,142
Payable under bilateral currency swaps agreements	917,991,000	-	917,991,000	8,923,096	-	8,923,096	926,914,096
Deposits of banks and financial institutions	1,146,062,845	-	1,146,062,845	108,791,298	-	108,791,298	1,254,854,143
Other deposits and accounts	553,086,090	-	553,086,090	184,346,312	-	184,346,312	737,432,402
Payable to the International Monetary Fund	198,687,837	1,150,002,883	1,348,690,720	2,568,088	-	2,568,088	1,351,258,808
Securities sold under agreement to repurchase	530,000,000	-	530,000,000	194,205	-	194,205	530,194,205
Other liabilities	-	11,644,025	11,644,025	63,838,830	-	63,838,830	75,482,855
	3,345,827,771	1,161,646,908	4,507,474,679	9,920,396,288	-	9,920,396,288	14,427,870,967
Derivative liabilities							
Other liabilities	-	-	-	50,172,618	-	50,172,618	50,172,618
	3,345,827,771	1,161,646,908	4,507,474,679	9,970,568,906	-	9,970,568,906	14,478,043,585
On balance sheet gap (a)	3,820,824,274	(326,022,235)	3,494,802,039	(9,847,931,783)	123,830,015	(9,724,101,768)	(6,229,299,729)
Foreign currency forward and swap contracts - sale	-	-	-	871,788,635	-	871,788,635	871,788,635
Foreign currency forward and swap contracts - purchase	-	-	-	281,736,616	-	281,736,616	281,736,616
Futures - sale	-	-	-	22,878,077	-	22,878,077	22,878,077
Futures - purchase	-	-	-	10,540,096	-	10,540,096	10,540,096
Capital commitments	-	-	-	1,333,436	-	1,333,436	1,333,436
Contingent liabilities in respect of guarantees given	-	-	-	-	14,356,542	14,356,542	14,356,542
Off balance sheet gap (b)	-	-	-	1,188,276,860	14,356,542	1,202,633,402	1,202,633,402
Total yield / interest risk sensitivity gap (a+b)	3,820,824,274	(326,022,235)	3,494,802,039	(11,036,208,643)	109,473,473	(10,926,735,170)	(7,431,933,131)
Cumulative yield / interest risk sensitivity gap	3,820,824,274	3,494,802,039	6,989,604,078				

(a) On-balance sheet gap represents the net amounts of on-balance sheet items.

* The Bank has the contractual right and intention to offset these balances against their respective non-interest bearing deposit balances. Mark-up on these balances is charged only when these balances are in debit

2021						
Interest / mark-up bearing			Non interest / mark-up bearing			Grand total
Maturity up to one year	Maturity after one year	Sub-total	Maturity up to one year	Maturity after one year	Sub-total	

(Rupees in '000)

Financial assets

Non-derivative assets:

Local currency - coins	-	-	-	417,574	-	417,574	417,574
Foreign currency accounts and investments	1,733,758,096	125,159,778	1,858,917,874	999,223,627	353,434	999,577,061	2,858,494,935
Earmarked foreign currency balance	-	-	-	20,707,900	-	20,707,900	20,707,900
Special drawing rights of International Monetary Fund	60,771,006	-	60,771,006	-	-	-	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	-	-	-	26,727	-	26,727	26,727
Securities purchased under agreement to resell	1,790,871,426	-	1,790,871,426	2,080,693	-	2,080,693	1,792,952,119
Current accounts of governments	33,793,930	-	33,793,930	-	-	-	33,793,930
Investments - local	569,000,000	6,164,867,664	6,733,867,664	-	114,808,535	114,808,535	6,848,676,199
Loans, advances and bills of exchange	500,375,614	334,610,680	834,986,294	263,623,385	81,351,975	344,975,360	1,179,961,654
Assets held with the Reserve Bank of India	-	-	-	1,939,592	-	1,939,592	1,939,592
Balances due from the Governments of India and Bangladesh	-	-	-	14,087,874	-	14,087,874	14,087,874
Other assets	-	-	-	13,069,224	-	13,069,224	13,069,224
	4,688,570,072	6,624,638,122	11,313,208,194	1,315,176,596	196,513,944	1,511,690,540	12,824,898,734

Derivative assets

Foreign currency accounts and investments - net	-	-	-	362,728	(12,851)	349,877	349,877
Other assets	-	-	-	467,045	-	467,045	467,045
	-	-	-	829,773	(12,851)	816,922	816,922

Grand total 4,688,570,072 6,624,638,122 11,313,208,194 1,316,006,369 196,501,093 1,512,507,462 12,825,715,656

Financial liabilities

Banknotes in circulation	-	-	-	7,278,860,019	-	7,278,860,019	7,278,860,019
Bills payable	-	-	-	1,795,764	-	1,795,764	1,795,764
Current accounts of the governments*	-	-	-	1,295,486,434	-	1,295,486,434	1,295,486,434
Current account with SBP Banking Services Corporation - a subsidiary	-	-	-	51,241,327	-	51,241,327	51,241,327
Current account with National Institute of Banking and Finance (Guarantee) Limited - a subsidiary	-	-	-	202,002	-	202,002	202,002
Payable to Islamic banking institutions against Bai Muajjal transactions	-	-	-	-	-	-	-
Payable under bilateral currency swaps agreements	731,730,000	-	731,730,000	16,764,053	-	16,764,053	748,494,053
Deposits of banks and financial institutions	121,524,435	-	121,524,435	1,206,000,896	-	1,206,000,896	1,327,525,331
Other deposits and accounts	425,604,697	-	425,604,697	203,448,430	-	203,448,430	629,053,127
Payable to the International Monetary Fund	157,560,118	686,639,654	844,199,772	1,158,879	-	1,158,879	845,358,651
Other liabilities	-	10,794,160	10,794,160	28,425,919	-	28,425,919	39,220,079
	1,436,419,250	697,433,814	2,133,853,064	10,083,383,723	-	10,083,383,723	12,217,236,787

Derivative liabilities

Other liabilities	-	-	-	22,298,736	-	22,298,736	22,298,736
	1,436,419,250	697,433,814	2,133,853,064	10,105,682,459	-	10,105,682,459	12,239,535,523

On balance sheet gap (a) 3,252,150,822 5,927,204,308 9,179,355,130 (8,789,676,090) 196,501,093 (8,593,174,997) 586,180,133

Foreign currency forward and swap contracts - sale	-	-	-	865,057,133	-	865,057,133	865,057,133
Foreign currency forward and swap contracts - purchase	-	-	-	98,341,540	-	98,341,540	98,341,540
Futures - sale	-	-	-	14,096,256	-	14,096,256	14,096,256
Futures - purchase	-	-	-	13,678,234	-	13,678,234	13,678,234
Capital commitments	-	-	-	1,233,359	-	1,233,359	1,233,359
Contingent liabilities in respect of guarantees given	-	-	-	-	15,732,335	15,732,335	15,732,335
Off balance sheet gap (b)	-	-	-	992,406,522	15,732,335	1,008,138,857	1,008,138,857

Total yield / interest risk sensitivity gap (a+b) 7,195,542,015 834,980,487 8,030,522,502 (9,090,813,805) 59,633,275 (9,031,180,530) (979,048,036)

Cumulative yield / interest risk sensitivity gap 7,195,542,015 8,030,522,502 16,061,045,004

(a) On-balance sheet gap represents the net amounts of on-balance sheet items.

* The Bank has the contractual right and intention to offset these balances against their respective non-interest bearing deposit balances. Mark-up on these balances is charged only when these balances are in debit.

46.2.2 The effective interest / mark-up rate for the monetary financial assets and liabilities are mentioned in their respective notes to the unconsolidated financial statements.

46.3 Interest rate risk

46.3.1 Cash flow interest rate risk

Cash flow interest rate risk is the risk of loss arising from changes in variable interest rates. The sensitivity analysis below have been determined based on the exposure to interest rates for floating rate assets and liabilities. The analysis is prepared assuming the amount of average assets and liabilities outstanding at the reporting date.

If interest rates had been 10 basis points higher / lower and all other variables were held constant, the Bank's profit for the year ended June 30, 2022 would increase / decrease by Rs.10,406 million (2021: Rs.9,179 million). This is mainly attributable to the Bank's exposure to interest rates on its variable rate instruments.

46.3.2 Fair value interest rate risk

Fair value interest rate risk is the risk that the value of a financial instrument will fluctuate because of changes in market interest rates.

The Bank is exposed to fair value interest rate risk on its debt securities, classified as financial assets at fair value through profit or loss and financial asset at fair value through other comprehensive income. To manage its fair value interest rate risk arising from investments in these securities, the management adopts practices mentioned in note 46.7 to these unconsolidated financial statements.

As at June 30, 2022, a 10 basis points shift in market value, mainly as a result of change in interest rates with all other variables held constant, would result in profit for the year to increase by Rs. 604,933 million (2021: Rs. 1,024.176 million) or decrease by Rs. 604,933 million (2021: Rs. 1,024.176 million) mainly as a result of a increase or decrease in the fair value of financial assets classified as financial asset at fair value through profit or loss.

46.4 Currency risk management

Currency risk is the risk that the value of a financial instrument will fluctuate due to changes in foreign exchange rates. Foreign currency activities result mainly from the Bank's holding of foreign currency assets under its foreign reserves management function and the overall level of these assets is determined based on the prevailing extent of credit and liquidity risks. In order to avoid losses arising from adverse changes in the rates of exchange, the Bank's compliance with the limits established for foreign currency positions is being regularly monitored by the management.

The Bank also holds from time to time, foreign currency assets and liabilities that arise from the implementation of domestic monetary policies. Any foreign currency exposure relating to these implementation activities are hedged through the use of foreign currency forwards, swaps and other transactions.

The Bank also enters into forward foreign exchange contracts with the commercial banks and financial institutions to hedge against the currency risk on foreign currency transactions.

The sensitivity analysis calculates the effect of reasonably possible movement of the currency rate against Pak Rupee, with all other variables held constant, on the unconsolidated profit and loss account and equity. If the Rupee had weakened / strengthened 1 percent against the principal currencies to which the Bank had significant exposure as at June 30, 2022 with all other variables constant profit for the year would have been Rs. 8,763.991 million higher / lower (2021: Rs.6,913.696 million). Net foreign currency exposure of the Bank is as follows:

	2022	2021
	----- (Rupees in '000) -----	
US Dollar	(359,581,061)	779,444,523
Pound Sterling	(109,382,337)	(67,777,983)
Chinese Yuan	74,200,063	298,159,124
Euro	(398,927,431)	(260,716,491)
Japanese Yen	(85,458,470)	(58,202,274)
United Arab Emirates Dirham	133,822	90,450
Australian Dollar	-	6,607
Canadian Dollar	3,913	5,418
Others	2,612,369	360,221
	<u>(876,399,132)</u>	<u>691,369,595</u>

Net exposure in Special Drawing Rights (SDR) is allocated to its five basket currencies i.e. the US dollar, the Euro, the Chinese Yuan, the Japanese Yen and the British pound sterling in the ratio of their percentage allocated by IMF for SDR basket.

The composition of the Bank's financial instruments and the correlation thereof to different variables is expected to change over time. Accordingly, the sensitivity analysis is discussed in notes 46.4 and 46.5 prepared as of the reporting date are not necessarily indicative of the effects on the Bank's unconsolidated profit and loss of future movements in different variables.

46.5 Price risk

Price risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices (other than those arising from interest rate risk or currency risk) whether those changes are caused by factors specific to the individual financial instrument or its issuer or factors affecting all similar financial instruments traded in the market.

The Bank is exposed to equity securities price risk because of investment in listed equity securities by the Bank classified as at fair value through other comprehensive income. The investments in equity securities are held as per the specific directives of the Government of Pakistan in accordance with the provisions of the State Bank of Pakistan Act, 1956 and other relevant statutes. Accordingly, price risk on listed equity securities can not be managed by the Bank.

In case of 5% increase or decrease in KSE 100 index on June 30, 2022, other comprehensive income would increase or decrease by Rs. 486.191 million (2021: Rs. 636.160 million) and equity of the Bank would increase or decrease by the same amount as a result of gains / (losses) on equity securities classified as fair value through OCI.

The analysis is based on the assumption that the equity index would increase or decrease by 5% with all other variables held constant and all the Bank's equity instruments move according to the historical correlation with the index. This represents management's best estimate of a reasonable possible shift in the KSE 100 index. The composition of the Bank's investment portfolio and the correlation thereof to the KSE index is expected to change over time. Accordingly, the sensitivity analysis prepared as of June 30, 2022 is not necessarily indicative of the effect on the Bank's equity instruments of future movements in the level of KSE 100 index.

46.6 Liquidity risk management

Liquidity risk is the risk that an entity will encounter difficulty in raising funds to meet commitments associated with the financial instruments. In order to reduce the level of liquidity risk arising out of the local currency activities, the Bank manages the daily liquidity position of the banking system including advancing and withdrawal of funds from the system for smoothening out daily peaks and troughs.

The risk arising out of the Bank's obligations for foreign currency balances or deposits is managed through available reserves generated mainly from borrowings and open market operations. The maturity profile of Bank's financial assets and financial liabilities is given in note 46.2.1 to these unconsolidated financial statements.

46.7 Portfolio risk management

The Bank has appointed external managers to invest a part of the foreign exchange reserves in international fixed income securities. The external managers are selected after conducting a thorough due diligence by the Bank and externally hired investment consultants and appointed after the approval of the Board. The mandates awarded to the managers require them to outperform the benchmarks which are based on fixed income global aggregate indices. The benchmarks are customised to exclude certain securities, currencies and maturities to bring it to an acceptable level of risk and within the Bank's approved risk appetite. Managers are provided investment guidelines within which they have to generate excess returns over the benchmark. Safe custody of the portfolio is provided through carefully selected global custodian who is independent of the portfolio managers. The custodian also provides valuation, compliance, corporate actions and recovery and other value added services which are typically provided by such custodian. The valuations provided by the custodian are reconciled with the portfolio managers and recorded accordingly.

47 FAIR VALUE OF FINANCIAL INSTRUMENTS

Fair value is the amount for which an asset could be exchanged, or a liability settled, between knowledgeable, willing parties in an arm's length transaction and is usually determined by the quoted market price. The following tables summarises the carrying amounts and fair values of financial assets and liabilities:

	Carrying value		Fair value	
	2022	2021	2022	2021
(Rupees in '000)				
Financial assets				
Local currency - coins	406,368	417,574	406,368	417,574
Foreign currency accounts and investments	1,412,475,369	2,858,844,812	1,412,475,369	2,858,844,812
Earmarked foreign currency balances	24,050,690	20,707,900	24,050,690	20,707,900
Special drawing rights of the International Monetary Fund	43,460,776	60,771,006	43,460,776	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	32,857	26,727	32,857	26,727
Securities purchased under agreement to resell	4,518,609,584	1,792,952,119	4,518,609,584	1,792,952,119
Current accounts of governments	-	33,793,930	-	33,793,930
Investments - local	157,787,746	6,848,676,199	6,235,126,474	6,876,096,452
Loans, advances and bills of exchange	2,070,809,903	1,179,961,654	2,070,809,903	1,179,961,654
Assets held with the Reserve Bank of India	2,315,977	1,939,592	2,315,977	1,939,592
Balances due from the Governments of India and Bangladesh	15,107,201	14,087,874	15,107,201	14,087,874
Other assets	3,687,385	29,523,323	3,687,385	29,523,323
Financial liabilities				
Banknotes in circulation	7,992,592,100	7,278,860,019	7,992,592,100	7,278,860,019
Bills payable	1,251,297	1,795,764	1,251,297	1,795,764
Current accounts of Governments	1,547,182,248	1,295,486,434	1,547,182,248	1,295,486,434
Current account with SBP Banking Services Corporation - a subsidiary	10,511,671	51,241,327	10,511,671	51,241,327
Current account with National Institute of Banking and Finance (Guarantee) Limited - a subsidiary	197,142	202,002	197,142	202,002
Payable to Islamic banking institutions against Bai Muajjal transactions	-	-	-	-
Payable under bilateral currency swap agreement	926,914,096	748,494,053	926,914,096	748,494,053
Deposits of banks and financial institutions	1,254,854,143	1,327,525,331	1,254,854,143	1,327,525,331
Other deposits and accounts	737,432,402	629,053,127	737,432,402	629,053,127
Payable to the International Monetary Fund	1,351,258,808	845,358,651	1,351,258,808	845,358,651
Securities sold under agreement to repurchase	530,194,205	135,051,390	530,194,205	135,051,390
Other liabilities	125,655,473	43,227,885	125,655,473	43,227,885

47.1 The table below analyses financial and non-financial assets carried at fair value, by valuation method. The different levels have been defined as follows:

- Quoted prices (unadjusted) in active markets for identical assets or liabilities (Level 1).
- Inputs other than quoted prices included within level 1 that are observable for the asset or liability, either directly (that is, as prices) or indirectly (that is, derived from prices) (Level 2).
- Inputs for the assets or liabilities that are not based on observable market data (i.e. unobservable inputs e.g. estimated future cash flows) (Level 3).

	2022			
	Level 1	Level 2	Level 3	Total
(Rupees in '000)				
Recurring fair value measurements				
On balance sheet financial assets				
Foreign currency accounts and investments	-	604,890,961	-	604,890,961
Investments - local	44,715,689	-	58,218,372	102,934,061
Unrealised gain on local currency derivatives	-	1,524,781	-	1,524,781
Non - recurring fair value measurements				
On balance sheet non-financial assets				
Operating fixed assets (land and buildings)	-	-	94,824,706	94,824,706
Gold reserves held by the Bank	773,637,405	-	-	773,637,405
	<u>818,353,094</u>	<u>606,415,742</u>	<u>153,043,078</u>	<u>1,577,811,914</u>
Recurring fair value measurements				
Off balance sheet financial asset and liabilities				
Foreign currency forward and swap contracts - sale	-	871,788,635	-	871,788,635
Foreign currency forward and swap contracts - purchase	-	281,736,616	-	281,736,616
Futures - sale	22,878,077	-	-	22,878,077
Futures - purchase	10,540,096	-	-	10,540,096

	2021			
	Level 1	Level 2	Level 3	Total
------(Rupees in '000)-----				
Recurring fair value measurements				
On balance sheet financial assets				
Foreign currency accounts and investments	-	1,024,599,142	-	1,024,599,142
Investments - local	58,506,359	-	56,302,176	114,808,535
Unrealised gain on local currency derivatives	-	16,438,901	-	16,438,901
Non - recurring fair value measurements				
On balance sheet non-financial assets				
Operating fixed assets (land and buildings)	-	-	76,208,275	76,208,275
Gold reserves held by the Bank	577,356,238	-	-	577,356,238
	<u>661,730,772</u>	<u>535,928,075</u>	<u>77,366,991</u>	<u>1,275,025,838</u>
Recurring fair value measurements				
Off balance sheet financial asset and liabilities				
Foreign currency forward and swap contracts - sale	-	877,089,431	-	877,089,431
Foreign currency forward and swap contracts - purchase	-	98,017,709	-	98,017,709
Futures - sale	14,182,045	-	-	14,182,045
Futures - purchase	13,671,650	-	-	13,671,650

The Bank's policy is to recognise transfers into and out of the different fair value hierarchy levels at the date when the event or change in circumstances require the Bank to exercise such transfers.

All financial assets and liabilities except the items disclosed above, have fair value equal to the carrying amount.

There were no transfers between levels 1 and 2 during the year.

47.2 Valuation techniques used in determination of fair values within level 2 and level 3

Item	Valuation approach and input used
Forward foreign exchange contract	The valuation has been determined by interpolating the mid rates announced by State Bank of Pakistan.
Operating fixed assets (land and building)	The fair value of land and building are derived using the sale comparison approach. The sales value is determined by physically analysing the condition of land and building and by ascertaining the current market value of similar land, which is selling in near vicinity. Moreover, for buildings, the valuer has also considered prevailing current cost of construction for relevant type of civil work carried out thereon, where ever required. Please refer note 17.2 highlighting the year of valuation and external valuer name.
Foreign currency debt securities	These are measured at fair value using the rates published by the valuation expert portals, such as, Bloomberg, S&P , Reuters etc.
Unquoted equity securities	<p>The value of unquoted equity securities are determined by using the discounted cashflow method by using certain key assumptions regarding future business projection of these entities by using various key assumptions considering economic and market conditions.</p> <p>Key assumptions include growth rate for treasury and advances portfolios, mobilisation of advances, working capital requirements, raising of additional funds in the form of borrowings and mobilisation of deposits, capital retention, strategies for equity securities in the portfolio of these entities, return on funds deployed, discount rate and terminal growth rate etc.</p>

The valuations, mentioned above, are conducted by the valuation experts appointed by the Bank which are also on the panel of the Pakistan Banks' Association (PBA). The valuation experts use a market based approach to arrive at the fair value of the Bank's properties. The market approach uses prices and other relevant information generated by market transactions involving identical or comparable or similar properties. These values are adjusted to reflect the current condition of the properties. The effect of changes in the unobservable inputs used in the valuations cannot be determined with certainty, accordingly a quantitative disclosure of sensitivity has not been presented in these unconsolidated financial statements.

CLASSIFICATION OF FINANCIAL INSTRUMENTS

2022				
	At fair value through profit or loss	Amortised cost	At fair value through other comprehensive income	Total
----- (Rupees in '000) -----				
Financial assets				
Local currency - coins	-	406,368	-	406,368
Foreign currency accounts and investments	604,890,961	1,573,363,112	-	2,178,254,073
Earmarked foreign currency balances	-	24,050,690	-	24,050,690
Special drawing rights of the International Monetary Fund	-	43,460,776	-	43,460,776
Reserve tranche with the International Monetary Fund				
under quota arrangements	-	32,857	-	32,857
Securities purchased under agreement to resell	-	4,518,609,584	-	4,518,609,584
Investments - local	-	6,199,905,329	102,934,061	6,302,839,390
Loans, advances and bills of exchange	-	2,070,809,903	-	2,070,809,903
Assets held with the Reserve Bank of India	-	2,315,977	-	2,315,977
Balances due from the Governments of India and				
Bangladesh	-	15,107,201	-	15,107,201
Other assets	1,524,781	2,162,604	-	3,687,385

2021				
	At fair value through profit or loss	Amortised cost	At fair value through other comprehensive income	Total
------(Rupees in '000)-----				
Financial assets				
Local currency - coins	-	417,574	-	417,574
Foreign currency accounts and investments	1,024,599,142	1,834,245,670	-	2,858,844,812
Earmarked foreign currency balances	-	20,707,900	-	20,707,900
Special drawing rights of the International Monetary Fund	-	60,771,006	-	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	-	26,727	-	26,727
Securities purchased under agreement to resell	-	1,792,952,119	-	1,792,952,119
Current accounts of governments	-	33,793,930	-	33,793,930
Investments - local	-	6,733,867,664	114,808,535	6,848,676,199
Loans, advances and bills of exchange	-	1,179,961,654	-	1,179,961,654
Assets held with the Reserve Bank of India	-	1,939,592	-	1,939,592
Balances due from the Governments of India and Bangladesh	-	14,087,874	-	14,087,874
Other assets	16,438,901	13,084,422	-	29,523,323

	2022		
	Amortised cost	At fair value through profit or loss	Total
	----- (Rupees in '000) -----		
Financial liabilities			
Banknotes in circulation	7,992,592,100	-	7,992,592,100
Bills payable	1,251,297	-	1,251,297
Current accounts of governments	1,547,182,248	-	1,547,182,248
Current account with SBP Banking Services Corporation - a subsidiary	10,511,671	-	10,511,671
Current account with National Institute of Banking and Finance (Guarantee) Limited - a subsidiary	197,142	-	197,142
Payable under bilateral currency swap agreement	926,914,096	-	926,914,096
Deposits of banks and financial institutions	1,254,854,143	-	1,254,854,143
Other deposits and accounts	737,432,402	-	737,432,402
Payable to the International Monetary Fund	1,351,258,808	-	1,351,258,808
Securities sold under agreement to repurchase	530,194,205	-	530,194,205
Other liabilities	75,482,855	50,172,618	125,655,473

2021		
Amortised cost	At fair value through profit or loss	Total

----- (Rupees in '000) -----

Financial liabilities

Banknotes in circulation	7,278,860,019	-	7,278,860,019
Bills payable	1,795,764	-	1,795,764
Current accounts of governments	1,295,486,434	-	1,295,486,434
Current account with SBP Banking Services Corporation - a subsidiary	51,241,327	-	51,241,327
Current account with National Institute of Banking and Finance (Guarantee) Limited - a subsidiary	202,002	-	202,002
Payable to Islamic banking institutions against Bai Muajjal transactions	-	-	-
Payable under bilateral currency swap agreement	748,494,053	-	748,494,053
Deposits of banks and financial institutions	1,327,525,331	-	1,327,525,331
Other deposits and accounts	629,053,127	-	629,053,127
Payable to the International Monetary Fund	845,358,651	-	845,358,651
Securities sold under agreement to repurchase	-	-	-
Other liabilities	35,212,273	4,007,806	39,220,079

49 NON-ADJUSTING EVENT

The Board of Directors of the Bank in their meeting held on **October 28, 2022** have appropriated an amount of Rs **NIL** million to "Revenue Reserve". The balance of profit after allocation of such appropriation will be transferred to the Government of Pakistan. The unconsolidated financial statements of the Bank for the year ended June 30, 2022 do not include the effect of above appropriation and transfer of balance profit to the Government of Pakistan, which will be accounted for in the unconsolidated financial statements of the Bank for the year ending June 30, 2023.

50 DATE OF AUTHORISATION

These unconsolidated financial statements were authorised for issue on **October 28, 2022** by the Board of the Bank.

51 CORRESPONDING FIGURES

Corresponding figures have been rearranged and reclassified, wherever necessary, for the purpose of comparison and better presentation. No significant rearrangements or reclassifications have been made in these unconsolidated financial statements during the current year.

52 GENERAL

Figures have been rounded off to the nearest thousand rupees, unless otherwise stated.

-sd-

Jameel Ahmad
Governor

-sd-

Dr. Murtaza Syed
Deputy Governor

-sd-

Saleemullah
Executive Director

STATE BANK OF PAKISTAN

Consolidated Financial Statements

For the year ended June 30, 2022

A. F. FERGUSON & CO.
Chartered Accountants
State Life Building No. 1-C
I.I Chundrigar Road
P.O. Box 4716
Karachi - 74000

KPMG TASEER HADI & CO.
Chartered Accountants
Sheikh Sultan Trust Building
No. 2, Beaumont Road
Karachi-75530

INDEPENDENT AUDITOR'S REPORT

To the Board of Directors of the State Bank of Pakistan

Report on the Audit of the Consolidated Financial Statements

Opinion

We have audited the consolidated financial statements of the State Bank of Pakistan (the Bank) and its subsidiaries, SBP Banking Services Corporation, National Institute of Banking and Finance (Guarantee) Limited and Pakistan Security Printing Corporation (Private) Limited (together 'the Group'), which comprise the consolidated balance sheet as at June 30, 2022, and the consolidated profit and loss account, consolidated statement of comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for the year then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying consolidated financial statements give a true and fair view of the consolidated financial position of the Group as at June 30, 2022, and of its consolidated financial performance and its consolidated cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRSs).

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the '*Auditor's Responsibilities for the Audit of the Consolidated Financial Statements*' section of our report. We are independent of the Group in accordance with the International Ethics Standards Board for Accountants' *Code of Ethics for Professional Accountants* as adopted by the Institute of Chartered Accountants of Pakistan (the Code), and we have fulfilled our other ethical responsibilities in accordance with these requirements and the Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Key Audit Matters	How the matter was addressed in our audit
<p>1 Foreign currency accounts and investments (Refer note 9 of the annexed consolidated financial statements)</p> <p>The Group maintained certain foreign currency accounts and investments which aggregated to Rs 2,178,254 million as at June 30, 2022. This includes balances aggregating to Rs 426,417 million which were placed through appointed fund managers by the Group under the supervision of a custodian.</p> <p>The existence and valuation of these foreign currency accounts and investments were assessed by us as a significant risk area and therefore we considered this as a key audit matter.</p>	<p>Our audit procedures, among others, included the following:</p> <ul style="list-style-type: none"> ▪ We obtained understanding of the processes, evaluated the design and tested operating effectiveness of key controls throughout the year over recognition, derecognition and valuation of investments and related revenue; ▪ We sent direct confirmations to counterparties to confirm the balances of investment holdings; ▪ We obtained bank reconciliation statements for nostro balances and tested reconciling items on a sample basis; and

Key Audit Matters	How the matter was addressed in our audit
	<ul style="list-style-type: none"> ▪ We compared the prices to independent sources on a sample basis where quoted market prices were used. <p>Further, in respect of the investment made through fund managers:</p> <ul style="list-style-type: none"> ▪ We obtained Type-2 report from Custodian and Fund Managers to assess that controls were suitably designed by the Fund Managers and the Custodian and operated effectively in respect of their activities; ▪ We obtained the monthly statement of changes in net assets provided by the Custodian used by management for recognising income in respect of foreign currency securities and reconciled them with the accounting records of the Group to assess that they are accurately recorded; and ▪ We performed substantive audit procedures on year-end balance of portfolio including evaluation of Custodian's statements, and re-performance of valuations on a test basis on the basis of observable data at the year end. <p>We also evaluated the adequacy of the overall disclosures in the consolidated financial statements in respect of the investment portfolio in accordance with the requirements of applicable financial reporting framework.</p>
2 Fair value adjustment on loans given in response to COVID-19 pandemic (Refer note 16.7 of the annexed consolidated financial statements)	
<p>The Group in response to COVID-19 pandemic has extended financing facility schemes and disbursed Rs 223,532 million during the year ended June 30, 2022. These facilities have been recorded at their fair value resulting in a fair valuation adjustment of Rs 85,842 million.</p> <p>The disbursement of these loans was considered to be a significant event for the Group. Further, the measurement at the fair value involved management judgement with respect to the use of market rate. Accordingly, this was considered as a key audit matter.</p>	<p>Our audit procedures, among others, included the following:</p> <ul style="list-style-type: none"> ▪ We obtained understanding, evaluated the design and tested the operating effectiveness of controls related to process for disbursements of these loans; ▪ We sent direct confirmations, on a sample basis, to the counterparties to confirm the balances of loans so disbursed; ▪ We evaluated the appropriateness of the valuation methodology used and assessed the reasonableness of the assumptions and inputs used to determine the fair value; and ▪ Evaluated the adequacy of the disclosures in the financial statements in respect of the impact of fair valuation adjustment and related balances of these loans.

Information Other than the Consolidated and Unconsolidated Financial Statements and Auditor's Reports Thereon

Management is responsible for the other information. The other information comprises the information included in the Annual Report, but does not include the consolidated and unconsolidated financial statements and our auditor's reports thereon.

Our opinion on the consolidated financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the consolidated financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Responsibilities of Management and Those Charged with Governance for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with IFRSs, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group's financial reporting process.

Auditor's Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.

- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the Group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, actions taken to eliminate threats or safeguards applied.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partners on the audit resulting in this independent auditor's report are **Salman Hussain** (A. F. Ferguson & Co.) and **Muhammad Taufiq** (KPMG Taseer Hadi & Co.).

-sd-

A. F. FERGUSON & CO.
Chartered Accountants
Dated: October 31, 2022
Karachi
UDIN: AR202210113Yhy4IHcBG

-sd-

KPMG TASEER HADI & CO.
Chartered Accountants
Dated: October 31, 2022
Karachi
UDIN: AR202210106RpAyiM67o

STATE BANK OF PAKISTAN
CONSOLIDATED PROFIT AND LOSS ACCOUNT
FOR THE YEAR ENDED JUNE 30, 2022

	Note	2022	2021
		------(Rupees in '000)-----	
Discount, interest / mark-up and / or profit earned on financial assets measured at:			
- amortised cost	37	980,552,790	755,587,586
- fair value through profit or loss	37	15,764,901	12,790,878
Interest / mark-up expense	38	(60,596,149)	(52,695,370)
		<u>935,721,542</u>	<u>715,683,094</u>
Fair valuation adjustment on COVID loans - net	16.7	(63,223,220)	(45,731,983)
Commission income	39	6,689,594	5,244,753
Exchange (loss) / gain - net	40	(62,023,082)	135,327,773
Dividend income		636,129	520,498
Share of profit from associates	41	762,677	1,337,861
Other operating (loss) / gain - net	42	(8,762,076)	3,671,854
Other income - net	43	5,489,838	395,522
		<u>815,291,402</u>	<u>816,449,372</u>
Less: operating expenses			
- Prize bonds printing charges	44	15,475,543	15,762,129
- agency commission	45	11,047,024	9,280,641
- general administrative and other expenses	46	37,535,472	29,320,541
Provision / (reversal of provision) against			
- other doubtful assets	31.3.1.1	376,377	(24,621)
- others		(363)	1,111
		<u>376,014</u>	<u>(23,510)</u>
Charge / (reversal) of credit loss allowance on financial instruments - net	47	1,886	(63,953)
		<u>64,435,939</u>	<u>54,275,848</u>
Profit before taxation		<u>750,855,463</u>	<u>762,173,524</u>
Taxation	48	1,430,915	1,314,724
Profit after taxation		<u><u>749,424,548</u></u>	<u><u>760,858,800</u></u>

The annexed notes from 1 to 58 form an integral part of these consolidated financial statements.

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Jameel Ahmad
Governor

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Dr. Murtaza Syed
Deputy Governor

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Saleemullah
Executive Director

STATE BANK OF PAKISTAN
CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME
FOR THE YEAR ENDED JUNE 30, 2022

	Note	2022	2021
		----- (Rupees in '000) -----	
Profit after taxation		749,424,548	760,858,800
Other comprehensive income / (loss)			
<i>Items that may be reclassified subsequently to the consolidated profit and loss account:</i>			
Unrealised appreciation / (diminution) on gold reserves held by the Bank	7	196,281,167	(40,223,613)
		<u>196,281,167</u>	<u>(40,223,613)</u>
<i>Items that will not be reclassified subsequently to the consolidated profit and loss account:</i>			
Unrealised (diminution) / appreciation on remeasurement of investments - local	14.8	(11,874,474)	35,471,130
Impact of revaluation of property of Pakistan Security Printing Corporation - net of deferred tax		3,654,820	-
Impact of revaluation of property of State bank of Pakistan		19,847,850	-
Impact of adjustment in remeasurement of property of associate - net of deferred tax		234,307	-
Remeasurements of staff retirement defined benefit plans	46.3.3.1 & 46.4.7	(8,793,442)	(3,139,359)
		<u>3,069,061</u>	<u>32,331,771</u>
Total comprehensive income for the year		<u><u>948,774,776</u></u>	<u><u>752,966,958</u></u>

The annexed notes from 1 to 58 form an integral part of these consolidated financial statements.

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Jameel Ahmad
Governor

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Dr. Murtaza Syed
Deputy Governor

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Saleemullah
Executive Director

STATE BANK OF PAKISTAN
CONSOLIDATED STATEMENT OF CHANGES IN EQUITY
FOR THE YEAR ENDED JUNE 30, 2022

	Share capital	Reserves											Unrealised appreciation on gold reserves held by the Bank (note 35)	Unrealised appreciation/ (diminution) on remeasurement of investments - local (note 14.7)	Surplus on revaluation of property	Total	
		General reserve (note 34.1)	Reserve fund (note 34.1)	Reserve for building up share capital	Reserve for acquisition of PSPC (note 34.2)	Rural credit fund	Industrial credit fund	Export credit fund	Loans guarantee fund	Housing credit fund	Reserve created as a result of acquisition of PSPC	Subtotal					Unappropriated profit
(Rupees in '000)																	
Balance as at July 1, 2020	100,000	-	20,976,129	67,673,343	65,464,000	2,600,000	1,600,000	1,500,000	900,000	4,700,000	(41,279,353)	124,134,119	159,739,454	613,003,558	61,416,969	95,821,802	1,054,215,902
Profit after taxation	-	-	-	-	-	-	-	-	-	-	-	-	760,858,800	-	-	-	760,858,800
Other comprehensive income																	
Unrealised appreciation on remeasurement of investments - local (note 14.8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35,471,130	-	35,471,130
Unrealised diminution on gold reserves held by the Bank (note 35)	-	-	-	-	-	-	-	-	-	-	-	-	-	(40,223,613)	-	-	(40,223,613)
Remeasurements of staff retirement defined benefit plans (note 46.3.3.1 & 46.4.7)	-	-	-	-	-	-	-	-	-	-	-	-	(3,139,359)	-	-	-	(3,139,359)
	-	-	-	-	-	-	-	-	-	-	-	-	(3,139,359)	(40,223,613)	35,471,130	-	(7,891,842)
Total comprehensive income / (loss) for the year	-	-	-	-	-	-	-	-	-	-	-	-	757,719,441	(40,223,613)	35,471,130	-	752,966,958
Appropriations																	
Transfer to the reserve fund (note 34.1)	-	-	93,603,634	-	-	-	-	-	-	-	-	93,603,634	(93,603,634)	-	-	-	-
	-	-	93,603,634	-	-	-	-	-	-	-	-	93,603,634	(93,603,634)	-	-	-	-
Transactions with owners																	
Dividend	-	-	-	-	-	-	-	-	-	-	-	-	(10,000)	-	-	-	(10,000)
Profit transferred to the Government of Pakistan	-	-	-	-	-	-	-	-	-	-	-	-	(650,541,510)	-	-	-	(650,541,510)
	-	-	-	-	-	-	-	-	-	-	-	-	(650,551,510)	-	-	-	(650,551,510)
Balance as at June 30, 2021	100,000	-	114,579,763	67,673,343	65,464,000	2,600,000	1,600,000	1,500,000	900,000	4,700,000	(41,279,353)	217,737,753	173,303,751	572,779,945	96,888,099	95,821,802	1,156,631,350
Profit after taxation	-	-	-	-	-	-	-	-	-	-	-	-	749,424,548	-	-	-	749,424,548
Other comprehensive income																	
Unrealised diminution on remeasurement of investments - local (note 14.8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(11,874,474)	-	(11,874,474)
Unrealised appreciation on gold reserves held by the Bank (note 35)	-	-	-	-	-	-	-	-	-	-	-	-	-	196,281,167	-	-	196,281,167
Surplus on revaluation of property (note 19)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23,736,977	23,736,977
Remeasurements of staff retirement defined benefit plans (note 46.3.3.1 & 46.4.7)	-	-	-	-	-	-	-	-	-	-	-	-	(8,793,442)	-	-	-	(8,793,442)
	-	-	-	-	-	-	-	-	-	-	-	-	(8,793,442)	196,281,167	(11,874,474)	23,736,977	199,350,228
Total comprehensive income / (loss) for the year	-	-	-	-	-	-	-	-	-	-	-	-	740,631,106	196,281,167	(11,874,474)	23,736,977	948,774,776
Appropriations																	
Transfer to the general reserve (note 34.1)	-	147,296,363	-	-	-	-	-	-	-	-	-	147,296,363	(147,296,363)	-	-	-	-
Capitalisation of share capital (note 33.2)	99,900,000	-	(20,926,657)	(67,673,343)	-	(2,600,000)	(1,600,000)	(1,500,000)	(900,000)	(4,700,000)	-	(99,900,000)	-	-	-	-	-
Transactions with owners																	
Dividend	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Profit transferred to the Government of Pakistan	-	-	(93,600,000)	-	-	-	-	-	-	-	-	(93,600,000)	(379,973,089)	-	-	-	(473,573,089)
	-	-	(93,600,000)	-	-	-	-	-	-	-	-	(93,600,000)	(379,973,089)	-	-	-	(473,573,089)
Balance as at June 30, 2022	100,000,000	147,296,363	53,106	-	65,464,000	-	-	-	-	-	(41,279,353)	171,534,116	386,665,405	769,061,112	85,013,625	119,558,779	1,631,833,037

The annexed notes from 1 to 58 form an integral part of these consolidated financial statements.

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Jameel Ahmad
Governor

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Dr. Murtaza Syed
Deputy Governor

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Saleemullah
Executive Director

STATE BANK OF PAKISTAN
CONSOLIDATED STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED JUNE 30, 2022

	Note	2022 ----- (Rupees in '000) -----	2021 -----
CASH FLOWS FROM OPERATING ACTIVITIES			
Profit for the year after non-cash and other items	49	832,149,119	637,857,193
Taxes paid		(2,214,601)	(869,349)
(Increase) / decrease in assets:			
Foreign currency accounts and investments		481,208,491	(146,643,836)
Gold reserves held by the Bank		-	(84,814)
Securities purchased under agreement to resell		(2,725,657,464)	(875,412,452)
Investments - local		490,067,925	591,886,340
Loans, advances and bills of exchange		(954,755,686)	(431,933,474)
Other assets		(2,879,419)	268,555
		(2,712,016,153)	(861,919,681)
		(1,882,081,635)	(224,931,837)
Increase / (decrease) in liabilities:			
Banknotes issued - net		713,732,081	820,096,913
Bills payable		(143,833)	325,069
Current accounts of Governments		285,489,744	543,059,508
Payable to Islamic Banking Institutions against Bai Muajjal transactions		-	(19,512,958)
Payable under bilateral currency swap agreement		142,094,875	271,771,457
Deposits of banks and financial institutions		(84,861,256)	156,564,833
Payment of retirement benefits and employees' compensated absences		(10,417,183)	(10,185,520)
Other deposits and accounts		105,549,511	(464,964,114)
Securities sold under agreement to repurchase		665,245,595	135,051,390
Other liabilities		14,111,607	(17,331,478)
Endowment fund		3,903	7,787
		1,830,805,044	1,414,882,887
Net cash (used in) / generated from operating activities		(51,276,591)	1,189,951,050
CASH FLOWS FROM INVESTING ACTIVITIES			
Dividend received		699,336	946,929
Capital expenditure		(5,882,307)	(3,727,434)
Proceeds from sale of short term investments		747,966	3,317,599
Proceeds from disposal of property, plant and equipment		56,474	28,177
Net cash (used in) / generated from investing activities		(4,378,531)	565,271
CASH FLOWS FROM FINANCING ACTIVITIES			
Profit paid to the Federal Government of Pakistan		(473,573,089)	(650,541,510)
Net change in balances pertaining to IMF		390,909,821	(179,248,811)
Dividend paid		-	(10,000)
Net cash used in financing activities		(82,663,268)	(829,800,321)
(Decrease) / increase in cash and cash equivalents during the year		(138,318,390)	360,716,000
Cash and cash equivalents at the beginning of the year		2,338,501,322	1,936,187,120
Effect of exchange (loss) / gain on cash and cash equivalents		(143,878,042)	41,598,202
Cash and cash equivalents at the end of the year	50	2,056,304,890	2,338,501,322

The annexed notes from 1 to 58 form an integral part of these consolidated financial statements.

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Jameel Ahmad
Governor

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Dr. Murtaza Syed
Deputy Governor

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Saleemullah
Executive Director

STATE BANK OF PAKISTAN
NOTES TO AND FORMING PART OF THE CONSOLIDATED FINANCIAL STATEMENTS
FOR THE YEAR ENDED JUNE 30, 2022

1 STATUS AND NATURE OF OPERATIONS

1.1 The Group comprises of State Bank of Pakistan (the Bank) as the parent entity and following subsidiaries:

- SBP Banking Services Corporation (BSC);
- National Institute of Banking and Finance (Guarantee) Limited (NIBAF); and
- Pakistan Security Printing Corporation (Private) Limited (PSPC).

1.1.1 State Bank of Pakistan is the central bank of Pakistan and is incorporated under the State Bank of Pakistan Act, 1956. The Bank is primarily responsible for monitoring of credit and foreign exchange, management of currency and also acts as the banker to the Government. The activities of the Bank include:

- determine and implement monetary policy;
- formulate and implement the exchange rate policy;
- carry out and disseminate research relevant to Bank's objectives and functions;
- hold and manage all international reserves of Pakistan;
- issue and manage the currency of Pakistan, including regulating their denominations;
- collect and produce statistics relevant to the Bank's objectives and functions;
- operate and exercise oversight over payment systems;
- license, regulate and supervise scheduled banks and financial institutions that fall under the domain of the Bank as further specified in this Act or any other Act;
- resolve scheduled banks and other financial institutions that fall under the domain of the Bank as further specified in this Act or any other Act;
- adopt and implement macro-prudential policy measures for scheduled banks and financial institutions that fall under the domain of the Bank;
- act as the banker, financial adviser and fiscal agent to the Government, and its agencies, on the mutually agreed terms and conditions; and
- cooperate with domestic and foreign public entities, concerning matters related to its objectives and functions.

1.1.2 The head office of the Bank is situated at I. I. Chundrigar Road, Karachi, in the province of Sindh, Pakistan.

1.1.3 The subsidiaries and associates of the Bank and the nature of their respective activities are as follows:

a) SBP Banking Services Corporation - wholly owned subsidiary:

SBP Banking Services Corporation was established in Pakistan under the SBP Banking Services Corporation Ordinance, 2001 (the Ordinance) and commenced its operations with effect from January 2, 2002. It is responsible for carrying out certain statutory and administrative functions and activities on behalf of the Bank, as transferred or delegated by the Bank under the provisions of the Ordinance.

The head office of the corporation is situated at I. I. Chundrigar Road, Karachi, in the province of Sindh, Pakistan.

b) National Institute of Banking and Finance (Guarantee) Limited - wholly owned subsidiary:

National Institute of Banking and Finance (Guarantee) Limited was incorporated in Pakistan under the repealed Companies Ordinance, 1984 (now Companies Act, 2017) as a company limited by guarantee having share capital. It is engaged in providing education and training in the field of banking, finance and allied areas.

The head office is situated at NIBAF Building, Street 4, Pitras Bukhari Road, H-8/1, Islamabad, Pakistan.

c) Pakistan Security Printing Corporation (Private) Limited - wholly owned subsidiary:

Pakistan Security Printing Corporation (Private) Limited was incorporated in Pakistan under the repealed Companies Ordinance, 1984 (now Companies Act, 2017) and is a wholly owned subsidiary of the Bank. PSPC is principally engaged in the printing of currency notes and national prize bonds on behalf of the Bank.

The registered office and the factory of the PSPC are located at Jinnah Avenue, Malir Halt Karachi, in the province of Sindh, Pakistan.

d) SICPA Inks Pakistan (Private) Limited (SICPA) - associate:

SICPA is a joint venture of SICPA SA, Switzerland and PSPC, incorporated in 1995. The company operates a facility in Karachi for manufacturing security inks for printing of all denominations of currency notes and other value documents, such as, passports, postage stamps and stamp papers, etc.

e) Security Papers Limited (SPL) - associate:

SPL is an associated company of PSPC. It was established in 1965. It became a joint venture company of Iran, Turkey and Pakistan in 1967, under the protocol of regional PSPC of development (now economic PSPC organisation) in 1967. SPL is engaged in manufacturing of paper required by PSPC for printing banknotes, prize bonds, non-judicial stamp paper, share certificates and watermarked certificate / degree papers for various educational institutions of Pakistan.

2 STATEMENT OF COMPLIANCE

These consolidated financial statements have been prepared in accordance with the requirements of the International Financial Reporting Standards (IFRSs) as issued by the International Accounting Standards Board (IASB).

3 BASIS OF MEASUREMENT

3.1 These consolidated financial statements have been prepared under the historical cost convention, except that gold reserves, certain foreign currency accounts and investments, certain local investments, investment property and certain items of property, plant and equipment as referred to in their respective notes have been included at revalued amounts and certain staff retirement benefits and provision for employees' compensated absences have been carried at present value of defined benefit obligations.

3.2 These consolidated financial statements are presented in Pakistani Rupees (PKR), which is the Group's functional and presentation currency.

3.3 Standards, interpretations of and amendments to the IFRSs that are effective in the current year

3.3.1 There are certain new or amended standards and interpretations that became effective during the current year, but are considered not to be relevant or did not have any significant effect on the Group's operations and are, therefore, not detailed in these consolidated financial statements.

3.4 Standards, interpretations of and amendments to the IFRSs that are not yet effective

3.4.1 The following standards, interpretations and amendments of the IFRSs would be effective from the dates mentioned below against the respective standards or interpretations:

Standards	Effective date (annual periods beginning on or after)
- IAS 1, 'Presentation of financial statements' (amendments)	January 1, 2024
- IAS 8, 'Accounting policies, changes in accounting estimates and errors' (amendments)	January 1, 2023
- IAS 16, 'Property, plant and equipment' (amendments)	January 1, 2022
- IAS 37, 'Provisions, contingent liabilities and contingent assets' (amendments)	January 1, 2022
- IFRS 9, 'Financial instruments' (amendments)	January 1, 2022
- IFRS 3, 'Business combinations' (amendments)	January 1, 2022

The management is in the process of assessing the impact of the above amendments on the consolidated financial statements.

3.4.2 There are certain other new or amended standards and interpretations that are mandatory for the accounting period beginning on or after July 1, 2022, but are considered not to be relevant or will not have any significant effect on the Group's operations and are, therefore, not detailed in these consolidated financial statements.

4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND DISCLOSURES

The significant accounting policies applied in the preparation of these consolidated financial statements are set out below. These policies are consistently applied from year to year.

4.1 Basis of consolidation

Subsidiaries are entities controlled by the Group. The Group controls an entity if it is exposed to, or has rights to, variable returns from its involvement with the investee and has the ability to effect these returns through its power over the investee. The separate financial statements of subsidiaries are included in the consolidated financial statements from the date on which control commences until the date when control ceases.

The consolidated financial statements include collectively the separate financial statements of the Bank and its subsidiaries. Financial statements of the subsidiaries have been consolidated on a line-by-line basis. All intra-group assets and liabilities, equity, income, expenses and cashflow relating to transaction between members of the group are eliminated on consolidation.

4.2 Banknotes in circulation and local currency coins

The liability of the Group towards banknotes issued as a legal tender under the State Bank of Pakistan Act, 1956, is stated at face value and is represented by the specified assets of the Issue department of the Bank as per the requirements stipulated in the State Bank of Pakistan Act, 1956. The cost of printing of notes is charged to the consolidated profit and loss account as and when incurred. Any un-issued fresh banknotes lying with the Bank and previously issued notes held by the Bank are not reflected in the consolidated balance sheet.

The Group also issues coins of various denominations on behalf of the Government of Pakistan (GoP). These coins are purchased from the GoP at their respective face values. The coins held by the Bank form part of the assets of the Issue department.

4.3 Financial assets and financial liabilities

Financial instruments carried on the consolidated balance sheet include cash and bank balances, local currency - coins, foreign currency accounts and investments, earmarked foreign currency balances, investments - local, loans, advances and bills of exchange, assets held with Reserve Bank of India (other than gold held by Reserve Bank of India), balances due from the governments of India and Bangladesh, certain other assets, banknotes in circulation, bills payable, deposits of banks and financial institutions, balances and securities under repurchase and reverse repurchase transactions, payable to Islamic banking Institutions against Bai Muajjal transactions, current accounts of governments, balances with the International Monetary Fund (IMF), amount payable under bilateral currency swap agreement, other deposits and accounts and certain other liabilities. The particular recognition and measurement methods adopted are disclosed in the individual policy statements associated with each financial instrument.

4.3.1 Financial instruments – initial recognition

All financial assets are initially recognised on the trade date, i.e. the date at which the Group becomes a party to the contractual provisions of the instruments. This includes purchases or sale of financial assets that require delivery of asset within the time frame generally established by regulations in market conventions.

All financial assets and financial liabilities are measured initially at their fair value plus transaction costs, except in the case of financial assets and financial liabilities recorded at fair value through profit or loss where transaction cost is taken directly to the consolidated profit and loss account.

4.3.2 Classification and subsequent measurement of financial assets and liabilities

The Group classifies all of its financial assets other than equity instruments based on two criteria: a) the Group's business model for managing the assets; and b) whether the instruments' contractual cash flows represent 'solely payments of principal and interest' on the principal amount outstanding (the 'SPPI test'). The financial assets are measured at either:

- amortised cost, as explained in note 4.3.3;
- fair value through other comprehensive income (FVOCI), as explained in notes 4.3.4 and 4.3.5; or
- fair value through profit or loss (FVPL), as explained in note 4.3.6.

a) Business model assessment

The Group determines its business model at the level that best reflects how it manages groups of financial assets to achieve its business objective.

The Group's business model is not assessed on an instrument-by-instrument basis, but at a higher level of aggregated portfolios and is based on observable factors such as:

- how the performance of the business model and the financial assets held within that business model are evaluated and reported to the Group's board / board committees;
- the risks that affect the performance of the business model (and the financial assets held within that business model) and, in particular, the way those risks are managed; and
- the expected frequency, value and timing of sales are also important aspects of the Group's assessment.

The business model assessment is based on reasonably expected scenarios without taking 'worst case' or 'stress case' scenarios into account. If cash flows after initial recognition are realised in a way that is different from the Group's original expectations, the Group does not change the classification of the remaining financial assets held in that business model, but incorporates such information when assessing newly originated or newly purchased financial assets going forward.

b) The SPPI test

As a second step of its classification process, the Group assesses the contractual terms of financial assets to identify whether they meet the SPPI test.

'Principal' for the purpose of this test is defined as the fair value of the financial asset at initial recognition and may change over the life of the financial asset. The most significant elements of 'interest' within a lending arrangement are typically the consideration for the time value of money and credit risk. To make the SPPI assessment, the Group applies judgement and considers relevant factors such as the currency in which the financial asset is denominated and the period for which the interest rate is set.

The Group classifies and measures its derivative and trading portfolio at FVPL as explained in note 4.3.8. The Group may designate financial instruments at FVPL, if doing so eliminates or significantly reduces measurement or recognition inconsistencies, as explained in note 4.3.6.

Financial liabilities, other than loan commitments and financial guarantees, are measured at amortised cost or at FVPL when they are held for trading and derivative instruments or the fair value designation is applied, as explained in notes 4.3.6 and 4.3.7.

4.3.3 Financial assets at amortised cost

The Group classifies its financial assets at amortised cost only if both of the following conditions are met:

- the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest (SPPI) on the principal amount outstanding; and
- the financial asset is held within a business model with the objective to hold financial assets in order to collect contractual cash flows.

After initial measurement, these financial instruments are subsequently measured at amortised cost using the effective interest rate (EIR), less impairment (if any).

4.3.4 Debt instruments at FVOCI

The Group classifies its financial instruments at FVOCI when both of the following conditions are met:

- the instrument is held within a business model, the objective of which is achieved by both collecting contractual cash flows and selling financial assets; and
- the contractual terms of the financial asset meet the SPPI test.

FVOCI debt instruments are subsequently measured at fair value with gains and losses arising due to changes in fair value recognised in other comprehensive income (OCI). Interest income and foreign exchange gains and losses are recognised in the consolidated profit and loss account in the same manner as for financial assets measured at amortised cost as explained in note 4.3.3.

The ECLs for debt instruments measured at FVOCI do not reduce the carrying amount of these financial assets in the consolidated balance sheet, which remains at fair value. Instead, an amount equal to the allowance that would arise if the assets were measured at amortised cost is recognised in OCI as an accumulated impairment amount, with a corresponding charge to consolidated comprehensive income. The accumulated loss recognised in OCI is recycled to the consolidated profit and loss account upon derecognition of the assets.

On derecognition, cumulative gains or losses previously recognised in OCI are reclassified from OCI to consolidated profit and loss account.

4.3.5 Equity instruments at FVOCI

At initial recognition, the Group may elect to classify irrevocably some of its equity investments as equity instruments at FVOCI when they meet the definition of 'equity' under IAS 32 'financial instruments: presentation' and are not held for trading. Such classification is determined on an instrument-by-instrument basis.

FVOCI equity instruments are subsequently measured at fair value with gains and losses arising due to changes in fair value recognised in other comprehensive income (OCI), cumulative gains and losses previously recognised in OCI can never be recycled to the consolidated profit and loss account. Dividends are recognised in the consolidated profit and loss account as other operating income when the right of the payment has been established, (except when the Group benefits from such proceeds as a recovery of part of the cost of the instrument, in which case, such gains are recorded in OCI). Equity instruments at FVOCI are not subject to an impairment assessment.

4.3.6 Financial assets and financial liabilities at fair value through profit or loss

Financial assets and financial liabilities in this category are those that are held for trading and have been either designated by management upon initial recognition or are mandatorily required to be measured at fair value under IFRS 9. Management only designates an instrument at FVPL upon initial recognition when one of the following criteria are met. Such designation is determined on an instrument-by-instrument basis:

- the designation eliminates, or significantly reduces, the inconsistent treatment that would otherwise arise from measuring the assets or liabilities or recognising gains or losses on them on a different basis, or
- the liabilities are part of a group of financial liabilities, which are managed and their performance evaluated on a fair value basis, in accordance with a documented risk management or investment strategy, or
- the liabilities containing one or more embedded derivatives, unless they do not significantly modify the cash flows that would otherwise be required by the contract, or it is clear with little or no analysis when a similar instrument is first considered that separation of the embedded derivative(s) is prohibited.

Financial assets and financial liabilities at FVPL are recorded in the consolidated balance sheet at fair value. Changes in fair value are recorded in the consolidated profit and loss account. Interest earned or incurred on instruments designated at FVPL is accrued in interest income or interest expense, respectively, using the EIR, taking into account any discount / premium and qualifying transaction costs being an integral part of instrument. Interest earned on assets mandatorily required to be measured at FVPL is recorded using contractual interest rate.

4.3.7 Financial liabilities at amortised cost

Financial liabilities with a fixed maturity are measured at amortised cost using the effective interest rate. These include deposits of banks and financial institutions, other deposits and accounts, securities sold under agreement to repurchase, payable under bilateral currency swap agreement, current accounts of governments, payable to Islamic banking institutions against Bai Muajjal transactions, payable to the IMF, banknotes in circulation, bills payable and certain other liabilities.

4.3.8 Derivative financial instruments

The Group uses derivative financial instruments which include forwards, futures and swaps. Derivatives are initially recorded at fair value and carried as assets when their fair value is positive and as liabilities when their fair value is negative. Derivatives are re-measured to fair value on subsequent reporting dates. The resultant gains or losses from derivatives are included in the consolidated profit and loss account. Forwards, futures and swaps are shown under commitments in note 36.2.

4.3.9 Reclassification of financial assets and liabilities

The Group does not reclassify its financial assets subsequent to their initial recognition, apart from the exceptional circumstances in which the Group acquires, disposes of, or terminates a business line. Financial liabilities are never reclassified.

4.3.10 Derecognition of financial asset and financial liabilities

a) Financial assets

The Group derecognises a financial asset, such as a loan, when the terms and conditions have been renegotiated to the extent that, substantially, it becomes a new loan, with the difference recognised as a derecognition gain or loss, to the extent that an impairment loss has not already been recorded. The newly recognised loans are classified as stage 1 for ECL measurement purposes, unless the new loan is deemed to be purchased or originated credit impaired. If the modification does not result in cash flows that are substantially different, the modification does not result in derecognition. Based on the change in cash flows discounted at the original EIR, the Group records a modification gain or loss, to the extent that an impairment loss has not already been recorded.

A financial asset (or, where applicable, a part of a financial asset or part of a group of similar financial assets) is derecognised when the rights to receive cash flows from the financial asset have expired. The Group also derecognises the financial asset if it has both transferred the financial asset and the transfer qualifies for derecognition.

b) Financial liabilities

A financial liability is derecognised when the obligation under the liability is discharged or cancelled or expired. Where an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and the recognition of new liability, and the difference in the respective carrying amount is recognised in the consolidated profit and loss account.

4.3.11 Impairment of financial assets

4.3.11.1 Overview of the expected credit losses (ECL) principles

The Group is recording the allowance for expected credit losses for all loans and other debt financial assets not held at FVPL, together with loan commitments and financial guarantee contracts, in this section all referred to as 'financial instruments'. Equity instruments are not subject to ECL.

The ECL allowance is based on the credit losses expected to arise over the life of the asset, [the lifetime expected credit loss (LTECL)], unless there has been no significant increase in credit risk since origination, in which case, the allowance is based on the 12 months' expected credit loss (12mECL) as outlined in note 4.3.11.2. The Group's policies for determining if there has been a significant increase in credit risk are set out in note 52.1.7.

The 12mECL is the portion of LTECL that represent the ECL that result from default events on a financial instrument that are probable within the 12 months after the reporting date.

The Group has established a policy to perform an assessment, at the end of each reporting period, of whether a financial instrument's credit risk has increased significantly since initial recognition, by considering the change in the risk of default occurring over the remaining life of the financial instrument.

Based on the above process, the loans are grouped into stage 1, stage 2 and stage 3 as described below:

- stage 1: when loans are first recognised, the Group recognises an allowance based on 12m ECL. Stage 1 loans also include facilities where the credit risk has improved and the loan has been reclassified from stage 2.
- stage 2: when a loan has shown a significant increase in credit risk since origination, the Group records an allowance for the LTECL. Stage 2 loans also include facilities, where the credit risk has improved and the loan has been reclassified from stage 3.
- stage 3: loans considered credit-impaired (as outlined in Note 52.1.3). The Group records an allowance for the LTECL.

For financial assets for which the Group has no reasonable expectations of recovering either the entire outstanding amount, or a proportion thereof, the gross carrying amount of the financial asset is reduced. This is considered a (partial) derecognition of the financial asset.

4.3.11.2 The calculation of ECL

The Group calculates ECL based on three probability-weighted scenarios to measure the expected cash shortfalls, discounted at an approximation to the EIR. A cash shortfall is the difference between the cash flows that are due to an entity in accordance with the contract and the cash flows that the entity expects to receive.

The mechanics of the ECL calculations are outlined below and the key elements are, as follows:

- EAD The *Exposure at default (EAD)* is an estimate of the exposure at a future default date, taking into account expected changes in the exposure after the reporting date, including repayments of principal and interest, whether scheduled by contract or otherwise, expected drawdowns on committed facilities, and accrued interest from missed payments. The EAD is further explained in note 52.1.5.

- PD The *Probability of default (PD)* is an estimate of the likelihood of default over a given time horizon. A default may only happen at a certain time over the assessed period, if the facility has not been previously derecognised and is still in the portfolio. The concept of PDs is further explained in note 52.1.4.
- LGD The *Loss given default (LGD)* is an estimate of the loss arising in the case where a default occurs at a given time. It is based on the difference between the contractual cash flows due and those that the lender would expect to receive, including from the realisation of any collateral. It is usually expressed as a percentage of the EAD. The LGD is further explained in note 52.1.6.

When estimating the ECL, the Group considers three scenarios (a base case, a best case and a worst case). Each of these is associated with different PD. When relevant, the assessment of multiple scenarios also incorporates how defaulted loans are expected to be recovered, including the probability that the loans will cure and the value of collateral or the amount that might be received for selling the asset.

The maximum period for which the credit losses are determined is the contractual life of a financial instrument unless the Group has the legal right to call it earlier.

The mechanics of the ECL method are summarised below:

- stage 1: the 12mECL is calculated as the portion of LTECL that represent the ECL that result from default events on a financial instrument that are probable within the 12 months after the reporting date. The Group calculates the 12mECL allowance based on the expectation of a default occurring in the 12 months following the reporting date. These expected 12-month default probabilities are applied to a forecast EAD and multiplied by the expected LGD and discounted by an approximation to the original EIR. This calculation is made for each of the three scenarios, as explained above.
- stage 2: when a loan has shown a significant increase in credit risk since origination, the Group records an allowance for the LTECL. The mechanics are similar to those explained above, including the use of multiple scenarios, but PDs estimated over the lifetime of the instrument. The expected cash shortfalls are discounted by an approximation to the original EIR.
- stage 3: for loans considered credit-impaired (as defined in note 52.1.3), the Group recognises the lifetime expected credit losses for these loans. The method is similar to that for stage 2 assets, with the PD set at 100%.
- financial guarantee contracts: the Group's liability under each guarantee is measured at the higher of the amount initially recognised less cumulative amortisation recognised in the consolidated profit and loss account, and the ECL provision. For this purpose, the Group estimates ECL based on the present value of the expected payments to reimburse the holder for a credit loss that it incurs. The shortfalls are discounted by the risk-adjusted interest rate relevant to the exposure. The calculation is made using a probability-weighting of the three scenarios.

4.3.11.3 Forward looking information

The Group formulates a base case view of the future direction of relevant economic variables and a representative range of other possible forecast scenarios and consideration of a variety of external actual and forecast information. This process involves developing three different economic scenarios, which represent a range of scenarios linked to various macro-economic factors.

4.3.11.4 Credit enhancements: collateral valuation and financial guarantees

To mitigate its credit risks on financial assets, the Group seeks to use collateral. The collateral comes in various forms, such as cash, securities, letters of credit / guarantees and demand promissory notes. To the extent possible, the Group uses active market data for valuing financial assets held as collateral.

4.3.11.5 Offsetting of financial assets and financial liabilities

A financial asset and a financial liability are offset and the net amount is reported in the consolidated financial statements when the Group currently has a legally enforceable right to set off the recognised amount and it intends either to settle on a net basis or to realise the asset and to settle the liability simultaneously.

4.4 Collateralised borrowings / lending

4.4.1 Repurchase and reverse repurchase agreements

Securities sold subject to a commitment to repurchase them at a pre-determined price, are retained on the consolidated balance sheet and a liability is recorded in respect of the consideration received as securities sold under agreement to repurchase. Conversely, securities purchased under analogous commitment to resell are not recognised on the consolidated balance sheet and an asset is recorded in respect of the consideration paid as securities purchased under agreement to resell. The difference between the sale and repurchase price in the repurchase transaction and the purchase price and resell price in reverse repurchase transaction represents expense and income respectively, and is recognised in the consolidated profit and loss account on time proportion basis. Both repurchase and reverse repurchase transactions are reported at transaction value inclusive of any accrued expense / income.

4.4.2 Payable under bilateral currency swap agreement

Bilateral currency swap agreements with counterpart central banks involve the purchase / sale and subsequent resale / repurchase of local currencies of counterpart central banks against PKR at the applicable exchange rate (determined in accordance with the terms of the agreement). The actual use of facility by the Group / counterpart central bank in the agreement is recorded as borrowing / lending in books of the Group and interest is charged / earned at agreed rates to the consolidated profit and loss account on a time proportion basis from the date of actual use. Any unutilised limit of the counterpart's drawing is reported as commitments in note 36.2.8.

4.4.3 Payable to Islamic banking institutions against Bai Muajjal transactions

The Group purchases Government of Pakistan (GoP) Ijara sukuks on deferred payment basis (Bai Muajjal) from Islamic banks. The deferred price is agreed at the time of purchase and such proceeds are paid to the Islamic banks at the end of the agreed period. The difference between the fair value and deferred price represents financing cost and is recognised in the consolidated profit and loss account on a time proportion basis as mark-up expense. Amount payable to Islamic banking institutions under deferred payment basis on purchase of sukuks is reported at transaction value plus profit payable thereon (i.e. at amortised cost).

4.5 Gold reserves held by the Bank

Gold is recorded at cost, which is the prevailing market rate, at initial recognition. Subsequent to initial measurement, it is revalued at the closing market rate fixed by the London Bullion Market Association on the last working day of the year which is also the requirement of State Bank of Pakistan Act, 1956 and State Bank of Pakistan General Regulation No.42(vi). Appreciation or diminution, if any, on revaluation is taken to equity under the head "unrealised appreciation on gold reserves". Appreciation / diminution realised on disposal of gold is taken to the consolidated profit and loss account. Unrealised appreciation / diminution on gold reserves held with the Reserve Bank of India is not recognised in the consolidated statement of changes in equity pending transfer of these assets to the Group subject to final settlement between the Governments of Pakistan and India. Instead it is shown in other liabilities as provision for other doubtful assets.

4.6 Fair value measurement principles

The fair value of financial instruments traded in active markets at the reporting date is based on their quoted market prices or dealer price quotation without any deduction for transaction costs. If there is no active market for a financial asset, the Group establishes fair value using valuation techniques. These include the use of recent arms length transaction, discounted cash flow analysis and other revaluation techniques commonly used by market participants.

4.7 Cash and cash equivalents

Cash and cash equivalents include cash and bank balances of subsidiaries, foreign currency accounts and investments (other than deposit held with IMF), local currency coins, earmarked foreign currency balances, SDRs, balances in the current and deposit accounts and securities that are realisable in known amounts of cash within three months from the date of original investments and which are subject to insignificant changes in value.

4.8 Property, plant and equipment

Property, plant and equipment except land, buildings and capital work-in-progress (CWIP) are stated at cost less accumulated depreciation and accumulated impairment losses, if any. Freehold land is stated at revalued amount. Leasehold land and buildings are stated at revalued amount less accumulated depreciation and accumulated impairment losses, if any. CWIP is stated at cost less accumulated impairment losses, if any and consists of expenditure incurred and advances made in respect of fixed assets in the course of their acquisition, construction and installation. CWIP assets are capitalised to relevant asset category as and when work is completed.

Depreciation on property, plant and equipment is charged to the consolidated profit and loss account using the straight-line method whereby the cost / revalued amount of an asset is written off over its estimated useful life at the rates specified in note 19.1 to these consolidated financial statements. The useful life of assets is reviewed and adjusted, if appropriate, at each reporting date.

Estimates of useful life and residual value of property, plant and equipment are based on the management's best estimate. The assets' residual value, depreciation method and useful life are reviewed, and adjusted, if appropriate, at each reporting date.

Depreciation on additions is charged to the consolidated profit and loss account from the month in which the asset is available for use while no depreciation is charged in the month in which the assets are written-off / disposed off. Normal repairs and maintenance are charged to the consolidated profit and loss account as and when incurred. Major renewals and improvements are capitalised and the assets so replaced, if any, are retired. Gains and losses on disposal of fixed assets are included in the consolidated profit and loss account.

Increase in carrying amount arising on revaluation of land and buildings is recognised in other comprehensive income and credited to surplus on revaluation of property, plant and equipment. Decreases that offset previous increases of the same assets are charged against surplus on revaluation of property, plant and equipment in equity, while all other decreases are charged to the consolidated profit and loss account. The surplus on revaluation realised on sale of property, plant and equipment is transferred to un-appropriated profit to the extent reflected in the surplus on revaluation of property, plant and equipment account. The amount of sale proceeds exceeding the balance in surplus on revaluation of property, plant and equipment account is taken to the consolidated profit and loss account.

4.8.1 Leasing arrangements

At inception of a contract, the Group assesses whether a contract is, or contains, a lease based on whether the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

In determining the lease term, management considers all facts and circumstances that create an economic incentive to exercise an extension option or not exercise a termination option. Extension options (or periods after termination options) are only included in the lease term if the lease is reasonably certain to be extended (or not to be terminated).

The lease liability is initially measured at the present value of the lease payments over the period of lease term and that are not paid at the commencement date, discounted using the interest rate implicit in the lease, or if that rate cannot be readily determined, the Group's incremental borrowing rate.

Lease payments include fixed payments less any lease incentive receivable, variable lease payment that are based on an index or a rate which are initially measured using the index or rate as at the commencement date, amounts expected to be payable by the Group under residual value guarantees, the exercise price of a purchase option (if the Group is reasonably certain to exercise that option) and payments of penalties for terminating the lease (if the lease term reflects that the lessee will exercise that option). The extension and termination options are incorporated in determination of lease term only when the Group is reasonably certain to exercise these options.

The lease liability is subsequently measured at amortised cost using the effective interest rate method. The lease liability is also remeasured to reflect any reassessment or lease modification, or to reflect revised in-substance fixed lease payment.

The lease liability is remeasured when the Group reassesses the reasonable certainty to exercise extension or termination option upon occurrence of either a significant event or a significant change in circumstances, or when there is a change in assessment of an option to purchase underlying asset, or when there is a change in amount expected to be payable under a residual value guarantee, or when there is a change in future lease payments resulting from a change in an index or rate used to determine those payments. The corresponding adjustment is made to the carrying amount of the right of use asset, or is recorded in the consolidated profit and loss account if the carrying amount of right of use asset has been reduced to zero.

When there is a change in scope of a lease, or the consideration for a lease, that was not part of the original terms and conditions, the same is accounted for as a lease modification. The lease modification is accounted for as a separate lease if modification increases the scope of lease by adding the right to use one or more underlying assets and the consideration for lease increases by an amount that commensurate with the standalone price for the increase in scope adjusted to reflect the circumstances of the particular contract, if any. When the lease modification is not accounted for as a separate lease, the lease liability is remeasured and corresponding adjustment is made to right of use asset.

The right of use asset is initially measured at an amount equal to the initial measurement of lease liability adjusted for any lease payments made at or before the commencement date, plus any initial direct costs incurred and an estimate of the costs to be incurred to dismantle and remove the underlying asset or to restore the underlying asset or the site on which the asset is located.

The right of use asset is subsequently measured at cost less accumulated depreciation and accumulated impairment losses, if any. The right of use asset is depreciated on a straight line method over the lease term as this method most closely reflects the expected pattern of consumption of the future economic benefits. The carrying amount of the right of use asset is reduced by impairment losses, if any, and adjusted for certain remeasurements of the lease liability.

4.9 Investment property

Investment property is the property which is held either to earn rental income or for capital appreciation or for both, but not for sale in the ordinary course of business, use in the production or supply of goods or services or for administrative purposes. Investment property is initially measured at cost and subsequently at fair value with any change therein recognised in the consolidated profit and loss account.

Cost includes expenditure that is directly attributable to the acquisition of the investment property. The cost of self-constructed investment property includes the cost of materials and direct labour, any other costs directly attributable to bringing the investment property to a working condition for their intended use and capitalized borrowing costs, if any.

Where an entity determines that the fair value of an investment property under construction is not reliably measurable but expects the fair value of the property to be reliably measurable when construction is complete, it shall measure that investment property under construction at cost until either its fair value becomes reliably measurable or construction is completed (whichever is earlier).

The fair value of investment property, at each year end, is determined by external, independent property valuer having appropriate recognised professional qualifications and recent experience in the location and category of the property being valued.

A gain or loss arising from a change in the fair value of investment property shall be recognised in the consolidated profit and loss account for the period in which it arises.

When the use of a property changes such that it is reclassified as property and equipment, its fair value at the date of reclassification becomes its cost for subsequent accounting.

The Group assesses at each reporting date whether there is any indication that investment property may be impaired. If such indication exists, the carrying amounts of such assets are reviewed to assess whether they are recorded in excess of their recoverable amount. Where carrying values exceed the respective recoverable amounts, assets are written down to their recoverable amounts and the resulting impairment loss is recognised in consolidated profit and loss account. The recoverable amount is the higher of an asset's fair value less costs to sell and value in use.

The gain or loss on disposal of investment property, represented by the difference between the sale proceeds and the carrying amount of the asset is recognised as income or expense in the consolidated profit and loss account.

4.10 Intangible assets

Intangible assets are carried at cost less accumulated amortisation and accumulated impairment losses, if any.

Intangible assets are amortised using the straight-line method over the period of three years. Where the carrying amount of an asset exceeds its estimated recoverable amount, it is written down immediately to its recoverable amount.

4.11 Impairment of non-financial assets

The carrying amounts of the Group's assets are reviewed at each reporting date to determine whether there is any indication of impairment of any asset or a group of assets. If such indication exists, the recoverable amount of such assets is estimated. The recoverable amount is higher of an asset's fair value less cost to sell and value in use. In assessing the value in use, future cash flows are estimated which are discounted to present value using a discount rate that reflects the current market assessments of the time value of money and the risk specific to the asset. In determining fair value less cost to sell, an appropriate valuation model is used. An impairment loss is recognised in the consolidated profit and loss account whenever the carrying amount of an asset or a group of assets exceeds its recoverable amount. Impairment loss on revalued assets is adjusted against the related revaluation surplus to the extent that the impairment loss does not exceed the surplus on revaluation of that asset.

4.12 Stores and spares

Stores and spares held by the Group are valued at the lower of cost determined on weighted average method and net realisable value. Stores and spares in transit are valued at cost incurred up to the reporting date. Local purchases of engineering stores are charged to the consolidated profit and loss account at the time of purchase.

The Group reviews the carrying amount of stores and spares on a regular basis and provision is made for obsolescence if there is any change in usage pattern and physical form.

4.13 Stock-in-trade

Raw materials are valued at lower of cost determined on weighted average basis and net realisable value except for items in transit which are stated at cost incurred up to the reporting date.

Work-in-process and finished goods are valued at lower of cost determined on weighted average basis and net realisable value. Cost in relation to work-in-process and finished goods represents direct cost of materials, direct wages and an appropriate portion of production overheads.

Net realisable value signifies the estimated selling price in the ordinary course of business less the estimated cost of completion and the costs necessary to be incurred to make the sale.

4.14 Stock of stationery and consumables

Stock of stationery and consumables are valued at the lower of cost and net realizable value. Cost comprises cost of purchases and other directly attributable costs incurred in bringing the items to their present location and condition. Replacement cost of the items is used to measure the net realisable value. The valuation is done on moving average basis. Provision is made for stocks which are not used for a considerable period of time or stocks which are not expected to be used in future.

4.15 Medical and stationery consumables

Medical and stationery consumables are valued at weighted average cost. Provision for obsolete items is determined based on the management's assessment regarding their future usability. Net realisable value represents estimated selling price in the ordinary course of business less the estimated cost necessary to make the sale.

4.16 Provisions, contingent liabilities and contingent assets

Provisions are recognised when the Group has a present legal or constructive obligation as a result of past events, it is probable that an outflow of economic resources will be required to settle the obligation and a reliable estimate of the amount can be made. Provisions are reviewed at each reporting date and are adjusted to reflect the current best estimates.

Contingent assets are disclosed when there is a possible asset that arises from past events and whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Group. Contingent assets are not recognised until their realisation become virtually certain.

Contingent liability is disclosed when:

- there is a possible obligation that arises from past events and whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Group; or
- there is a present obligation that arises from past events but it is not probable that an outflow of resources embodying economic benefits will be required to settle the obligation or the amount of the obligation cannot be measured with sufficient reliability.

4.17 Transactions and balances with the International Monetary Fund

Transactions and balances with the International Monetary Fund (IMF) are recorded on following basis:

- the GoP's contribution for quota with the IMF is recorded by the Group as depository of the GoP. Exchange differences arising on these balances are transferred to the GoP account.
- exchange gains or losses arising on revaluation of borrowings from the IMF are recognised in the consolidated profit and loss account.

- the cumulative allocation of Special Drawing Rights (SDRs) by the IMF is recorded as a liability and is translated at closing exchange rate for SDRs prevailing at the balance sheet date. Exchange differences on translation of SDRs is recognised in the consolidated profit and loss account.
- service charge is recognised in the consolidated profit and loss account at the time of receipt of the IMF tranches.

All other income or charges pertaining to balances with the IMF are taken to the consolidated profit and loss account, including the following:

- charges on borrowings under credit schemes and fund facilities;
- charges on net cumulative allocation of SDRs;
- exchange gain or loss; and
- return on holdings of SDRs.

4.18 Staff retirement benefits

4.18.1 The Bank operates:

- an unfunded contributory provident fund (old scheme) for those employees who joined the Bank between July 1, 2005 to May 31, 2007 and opted to remain under the old scheme. Under this scheme, contribution is made both by the Bank and employee at the rate of 6% of the monetised salary. The Bank provided an option to employees covered under old scheme to join the Employer Contributory Provident Fund Scheme - ECPF (new scheme) effective from June 1, 2007. Employees joining the Bank service after June 1, 2007 are covered under the new scheme. Under ECPF (new scheme), contribution is made both by the Bank and employee at the rate of 6% of the monetised salary.
- an unfunded General Provident Fund (GPF) scheme for all those employees who joined the Bank between May 1, 1977 to June 30, 2005 and opted to remain under this scheme after introduction of the new scheme (ECPF). Under GPF contribution is made by the employee only at the rate of 5% of the monetised salary.
- following are other staff retirement benefit schemes:
 - an unfunded gratuity scheme (old scheme) for those employees who joined the Bank between July 1, 2005 to May 31, 2007 and opted to remain under the old scheme;
 - a funded Employees Gratuity Fund (EGF) was introduced by the Bank effective from June 1, 2007 for all its employees other than those who opted to remain in pension scheme or unfunded gratuity scheme (old scheme);
 - an unfunded pension scheme for those employees who joined the Bank between May 1, 1977 to June 30, 2005 and opted to remain under this scheme after introduction of the new scheme (NCBS);
 - an unfunded benevolent fund scheme;
 - an unfunded post retirement medical benefit scheme; and
 - six months post retirement benefit facility.
 - an income continuation plan (during the year, a new scheme introduced by the Group effective from January 1, 2020 which covers benefits in case of death of an eligible employee.

Obligations for contributions to defined contribution provident plans are recognised as an expense in the consolidated profit and loss account as and when incurred.

Annual provisions are made by the Bank to cover the obligations arising under defined benefit schemes based on actuarial recommendations. The actuarial valuations are carried out under the projected unit credit method. The amount arising as a result of remeasurements are recognised in the consolidated balance sheet immediately, with a charge or credit to other comprehensive income in the periods in which they occur.

The above staff retirement benefits are payable on completion of prescribed qualifying period of service.

4.18.2 The BSC operates the following staff retirement benefit schemes for employees:

The Corporation operates the following staff retirement benefit schemes for employees transferred from SBP (transferred employees) and other employees:

- an un-funded contributory provident fund (the old scheme) for transferred employees who joined the SBP prior to 1975 and opted to remain under the old scheme. The Corporation provided an option to employees covered under the old scheme to join the funded new contributory provident fund scheme - NCPF (new scheme) effective from July 1, 2010. Under this scheme, contribution is made by both the employer and employee at the rate of 6% of the monetised salary. Moreover, employees joining the Corporation service after July 1, 2010 are covered under the new scheme.

- b) an un-funded general contributory provident fund (new scheme) for transferred employees who joined SBP after 1975 or who had joined the SBP prior to 1975 but have opted for this new scheme. Under this scheme, contribution is made only by the employee at the rate of 5% of the monetised salary.
- c) the following other staff retirement benefit schemes:
 - an un-funded gratuity scheme (old scheme) for all employees other than the employees who opted for the new general contributory provident fund scheme or transferred employees who joined SBP after 1975 and are entitled only to pension scheme benefits;
 - a funded New Gratuity Fund (NGF) which was introduced by the Corporation effective from July 1, 2010 for all its employees other than those who opted for pension scheme or unfunded gratuity scheme (old scheme);
 - an un-funded pension scheme for those employees who joined the SBP after 1975 and before the introduction of NGF which is effective from July 1, 2010;
 - an un-funded contributory benevolent fund scheme;
 - an un-funded post retirement medical benefit scheme; and
 - six months post retirement benefit facility.
 - an income continuation plan (during the year, a new scheme introduced by the Group effective from January 1, 2020 which covers benefits in case of death of an eligible employee.

Obligations for contributions to defined contribution provident fund plans are recognised as an expense in the consolidated profit and loss account as and when incurred.

Annual provisions are made by the Corporation to cover the obligations arising under defined benefits schemes based on actuarial recommendations. The actuarial valuations are carried out under the "Projected unit credit method". The most recent valuation in this regard has been carried out as at June 30, 2022. The amount arising as a result of remeasurements are recognised in the consolidated balance sheet immediately, with a charge or credit to other comprehensive income in the period in which they occur.

4.18.3 The PSPC operates following staff retirement benefits scheme for employees:

The Corporation operates an approved defined benefit funded pension scheme for all its permanent employees under the Pakistan Security Printing Corporation (Private) Limited - Employees (Pension and Gratuity) Regulations, 1993 (the Regulations). During the year ended June 30, 2017, as a result of business reorganisation, employees relating to National Security Printing Company (Private) Limited (NSPC) were transferred to NSPC and as per the business transfer agreement dated May 19, 2017, the costs of gratuity or pension are to be borne by transferee company i.e. NSPC, accordingly, the pension fund has become a multi-employer fund. Contribution to the pension fund is made based on the actuarial valuation carried out on an annual basis using Projected Unit Credit method. All actuarial gains and losses are recognised in other comprehensive income as they occur. Under the scheme, the employees who have completed the prescribed qualifying period of more than ten years of service and opt for the scheme are entitled to post retirement pension benefit.

4.18.4 Obligations for contributions to defined contribution provident plans are recognised as an expense in the consolidated profit and loss account as and when incurred.

4.18.5 Annual provisions are made by the Corporation to cover the obligations arising under defined benefit schemes based on actuarial recommendations. The actuarial valuations are carried out under the "Projected Unit Credit Method". The most recent valuation in this regard was carried out as at June 30, 2022. The amount arising as a result of remeasurements are recognised in the consolidated balance sheet immediately, with a charge or credit to the consolidated other comprehensive income in the periods in which they occur.

4.18.6 The above staff retirement benefits are payable on completion of prescribed qualifying period of service.

4.19 Compensated absences

The Group makes annual provision in respect of liability for employees' compensated absences based on actuarial estimates. The liability is estimated using the projected unit credit method.

4.20 Endowment Fund - deferred grant

The Group has established an Endowment fund under NIBAF effective from July 1, 2011 for utilisation of the amount received. The terms of references / rules and regulations of the Endowment fund have been formulated. The aims and objective of NIBAF Endowment Fund are as under:

- a) Capacity building of the Group as well as other banking professionals in realms of Rural Finance, Microfinance, Agriculture and SMEs etc.

- b) To encourage, promote, support and undertake academic and scientific investigations, innovative research, inventions and developments in various Banking and Finance related areas.
- c) To provide assistance in such activities as field surveys, experiments, collection and dissemination of information, seminars, conferences and trainings etc. aimed at increasing awareness, introducing improvements and enhancing efficiency in areas related to Banking and Finance in general and Rural Finance in particular.
- d) To conduct research and trainings to increase awareness of commercial banks regarding possibilities, prospects and risks, to develop demand driven products and services, instituting enhanced portfolio management capability and installing systems and procedures for reducing costs etc.
- e) To promote gathering of information on rural finance by collecting and analysing data, conducting survey thereby working as a main training hub.
- f) To create linkages with national and international organisations for the strengthening of Rural finance related activities.
- g) For any other purpose which the NIBAF's Board of Directors may consider fit for the overall benefit of the NIBAF and its stakeholders.

4.21 Trade and other payables

Liabilities for trade and other amounts payable are carried at amortised cost, which is the fair value of the consideration to be paid in future for goods and services received, whether or not billed.

4.22 Mark-up bearing borrowings and borrowing costs

Borrowing costs relating to the acquisition, construction or production of a qualifying asset are recognised as part of the cost of that asset. All other borrowing costs are recognised as an expense in the period in which these are incurred.

Mark-up bearing borrowings are recognised initially at fair value, less attributable transaction cost. Subsequent to initial recognition, mark-up bearing borrowings are stated at amortized cost with any difference between cost and redemption value being recognised in consolidated profit and loss account over the period of borrowings on an effective interest method basis.

Borrowing costs are recognised as an expense in the period in which these are incurred, except to the extent that they are directly attributable to the acquisition or construction of a qualifying asset (i.e. an asset that necessarily takes a substantial period of time to get ready for its intended use or sale) in which case these are capitalised as part of cost of that asset.

4.23 Deferred income - Grant

Grants received on account of capital expenditure are recorded as deferred income and are amortised over the useful life of the relevant asset. The grants received on account of revenue expenditures are recorded as and when the expenditure is incurred.

4.24 Revenue recognition

- Discount, interest / mark-up and / or return on loans and advances and investments are recorded on time proportion basis that takes into account the effective yield on the asset. However, income on balances with Bangladesh (former East Pakistan), doubtful loans and advances and overdue return on investments are recognised as income on receipt basis.
- Revenue from sale of goods is recognised when or as performance obligations are satisfied by transferring control (i.e. at the time of transfer of physical possession) of promised goods, and control either transfers over time or at a point in time. Revenue is measured at fair value of the consideration received or receivable, excluding discounts, rebates and government levies.
- Commission income is recognised when related services are rendered.
- Dividend income is recognised when the Group's right to receive dividend is established.
- Gains / losses on disposal of securities are recognised in the consolidated profit and loss account at trade date.
- Unrealised gains and losses arising on revaluation of securities designated at fair value through profit or loss are included in consolidated profit and loss account in the period in which they arise.
- Unrealised gains and losses arising on revaluation of securities classified as fair value through other comprehensive income are included in consolidated other comprehensive income in the period in which they arise.

- Fee from training, education and hostel services are recognised on accrual basis.
- Rental income from property is accrued on time proportion basis at agreed rates.
- Return on Group's deposits are recognised on accrual basis taking into account the effective yield.
- Scrap sales and miscellaneous income are recognised on receipt basis.
- All other revenues are recognised on a time proportion basis.

4.25 Finances under profit and loss sharing arrangements

The Group provides various finances to financial institutions under profit and loss sharing arrangements. Share of profit / loss under these arrangements is recognised on an accrual basis.

4.26 Foreign currency translation

Transactions denominated in foreign currencies are translated to Pak Rupees at the foreign exchange rate prevailing at the date of transaction. Monetary assets and liabilities in foreign currencies are translated into rupees at the closing rate of exchange prevailing at the reporting date.

Exchange gains and losses are taken to the consolidated profit and loss account except for certain exchange differences on balances with the International Monetary Fund, referred to in note 4.17, which are transferred to the Government of Pakistan account.

Commitments for outstanding foreign exchange forward and swap contracts disclosed in note 36.2 to these consolidated financial statements are translated at forward rates applicable to their respective maturities. Contingent liabilities / commitments for letters of credit and letters of guarantee denominated in foreign currencies are expressed in PKR terms at the closing rate of exchange prevailing at the reporting date.

4.27 Investment in associates

Entities in which the Group has significant influence but not control and which are neither its subsidiaries nor joint ventures are classified as associates and are accounted for by using the equity method of accounting.

These investments are initially recognised at cost, thereafter the carrying amount is increased or decreased to recognise the Group share of profit and loss of associates. Share of post acquisition profit and loss of associates is accounted for in the consolidated profit and loss account. Distribution received from investee reduces the carrying amount of investment. The Group's share of associates' other comprehensive income is recognised in consolidated other comprehensive income of the Group.

The carrying amount of the investment is tested for impairment, by comparing its recoverable amount (higher of value in use and fair value less costs to sell) with its carrying amount and loss, if any is recognised in the consolidated profit and loss account.

Unrealised gains / losses arising from transactions with associated companies are eliminated against the investment in the associates to the extent of Group's interest in the associates. Unrealised losses are eliminated in the same way as unrealised gains except that they are only eliminated to the extent that there is no evidence of impairment.

The Group accounts for its share of comprehensive income from associates as at year end on the basis of latest available financial statement of associates but not older than three months.

4.28 Taxation

The income of the Bank and the SBP Banking Services Corporation are exempt from tax under section 49 of the State Bank of Pakistan Act, 1956 and clause 66(xx) of Part I of second schedule to the Income Tax Ordinance, 2001. However, in case of NIBAF, NIBAF is claiming hundred percent (100%) tax credit for the tax year 2015 and onwards under clause (d) of sub-section 2 of section 100C of the Income Tax Ordinance, 2001, introduced under the Finance Act, 2015. The income of PSPC is subject to tax at applicable rates.

Income tax expense comprises of current and deferred tax. Income tax expense is recognised in the consolidated profit and loss account or consolidated statement of comprehensive income to the item to which it relates.

4.28.1 Current

The charge for current taxation is based on expected taxable income for the year at the current rates of taxation, after taking into consideration available tax credits, rebates, tax losses, etc. The charge for current tax also includes adjustments to tax payable in respect of previous years including those arising from assessments finalised during the year and are separately disclosed.

4.28.2 Deferred

Deferred tax is recognised using the balance sheet method, providing for temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and amounts used for taxation purposes.

Deferred tax is measured at the tax rates that are expected to be applied to the temporary differences when they reverse, based on the laws that have been enacted or substantively enacted by the reporting date.

A deferred tax asset is recognised only to the extent that it is probable that future taxable profits will be available against which the assets can be utilised. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the related tax benefits will be realised.

5 USE OF ESTIMATES AND JUDGMENTS

The preparation of consolidated financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the application of policies and reported amounts of assets, liabilities, income and expenses that are not readily available from other sources. The estimates and associated assumptions are based on historical experiences and various other factors that are believed to be reasonable under the circumstances, the result of which form the basis of making judgments about the carrying values of assets and liabilities and income and expenses. Actual results may differ from these estimates. The estimates and underlying assumptions are reviewed on an ongoing basis.

Revisions to accounting estimates are recognised in the period in which the estimate is revised if the revision affects only that period, or in the period of revision and future periods if the revision affects both current and future periods. Judgments made by the management in the application of IFRS and estimates that have a significant risk of material adjustment to the carrying amounts of assets and liabilities are as follows:

5.1 Fair value of financial instruments

The fair value of financial instruments is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction in the principal (or most advantageous) market at the measurement date under current market conditions (i.e., an exit price) regardless of whether that price is directly observable or estimated using another valuation technique. When the fair values of financial assets and financial liabilities recorded in the consolidated balance sheet cannot be derived from active markets, they are determined using a variety of valuation techniques that include the use of valuation models. The inputs to these models are taken from observable markets where possible, but where this is not feasible, estimation is required in establishing fair values. Judgements and estimates may include items like considerations of liquidity and model inputs related to items such as credit risk (both own and counterparty), funding value adjustments, correlation and volatility. For further details about determination of fair value please see note 4.6 to these consolidated financial statements.

5.2 Effective interest rate (EIR) method

The Group's EIR methodology recognises interest income using a rate of return that represents the best estimate of a constant rate of return over the expected behavioural life of financial instruments. This estimation, by nature, requires an element of judgement regarding the expected behaviour and life-cycle of the instruments, as well as clubbing of and other determinable fee income / expense to the cost of acquisition of financial instruments that are integral parts of the instrument.

5.3 Impairment losses on financial assets

The measurement of impairment losses across all categories of financial assets in scope requires judgement, in particular, the estimation of the amount and timing of future cash flows and collateral values when determining impairment losses and the assessment of a significant increase in credit risk. These estimates are driven by a number of factors, changes in which can result in different levels of allowances. Assumptions regarding the impairment of financial assets are presented in the note 52.1.2 to these consolidated financial statements.

5.4 Retirement benefits

The key actuarial assumptions concerning the valuation of defined benefit plans and the sources of estimation are disclosed in notes 46.3.1 and 46.4.1 to these consolidated financial statements.

5.5 Useful life and residual value of property, plant and equipment

Estimates of useful life and residual value of property and equipment are based on the management's best estimate.

	Note	2022 ------(Rupees in '000)-----	2021
6 CASH AND BANK BALANCES			
With banks in current and saving accounts	6.1	155,578	465,891
Cash in hand		41,940	35,693
		<u>197,518</u>	<u>501,584</u>

6.1 This includes saving accounts carrying mark-up ranging from 3.70% to 13.00% (2021: 3.71% to 6.90%) per annum.

	Note	2022 Net content in troy ounces	2021	2022 ------(Rupees in '000)-----	2021
7 GOLD RESERVES HELD BY THE BANK					
Opening balance		2,078,517	2,078,197	577,356,238	617,495,037
Additions during the year		-	320	-	84,814
Appreciation / (diminution) for the year					
due to revaluation	35	-	-	196,281,167	(40,223,613)
Closing balance	24.1	<u>2,078,517</u>	<u>2,078,517</u>	<u>773,637,405</u>	<u>577,356,238</u>

7.1 During the year, the Bank has recognised an appreciation of Rs 196,281 million (2021: diminution of Rs 40,223 million) based on the closing market rate of USD 1,817 (2021: USD 1,763.15) per troy ounce of the fine gold content fixed by the London Bullion Market Association.

	Note	2022 ------(Rupees in '000)-----	2021
8 LOCAL CURRENCY - COINS			
Banknotes held by the banking department		146,313	149,598
Coins held as an asset of the issue department	8.1 & 24.1	406,368	417,574
		552,681	567,172
Less: banknotes held by the Banking department	24	(146,313)	(149,598)
		<u>406,368</u>	<u>417,574</u>

8.1 As mentioned in note 4.2, the Bank is responsible for issuing coins of various denominations on behalf of the GoP. This balance represents the face value of coins held by the Bank at the year end.

9 FOREIGN CURRENCY ACCOUNTS AND INVESTMENTS

These represent foreign currency reserves held by the Group, the details of which are as follows:

	Note	2022 ------(Rupees in '000)-----	2021
At fair value through profit and loss:			
- investments	9.3	604,932,798	1,024,175,981
- unrealised gain on derivative financial instruments		261,292	536,285
- unrealised loss on derivative financial instruments		(303,129)	(113,124)
	9.4	(41,837)	423,161
		<u>604,890,961</u>	<u>1,024,599,142</u>
At amortised cost:			
- deposit accounts		632,143,450	375,065,876
- current accounts		1,491,490	1,296,989
- securities purchased under agreement to resell	9.5	586,803,857	423,792,553
- money market placements	9.6	352,928,480	1,034,106,813
		<u>1,573,367,277</u>	<u>1,834,262,231</u>
Credit loss allowance	9.2	(4,165)	(16,561)
		<u>2,178,254,073</u>	<u>2,858,844,812</u>

The above foreign currency accounts and investments are held as follows:

Issue department	24.1	720,620,610	1,034,070,392
Banking department		1,457,633,463	1,824,774,420
		<u>2,178,254,073</u>	<u>2,858,844,812</u>

- 9.1 The following table sets out information about the credit quality of foreign currency accounts and investments of the Group measured at amortised cost and maximum exposure to credit risk as at reporting date. Details of the Group's internal grading system are explained in note 52.1.4.

Stage 1	Note	2022 ------(Rupees in '000)-----	2021
Deposit accounts			
High rating		632,143,450	375,065,876
		632,143,450	375,065,876
Current accounts			
High rating		1,491,449	1,296,948
Standard rating		41	41
		1,491,490	1,296,989
Securities purchased under agreement to resell			
High rating	9.5	586,803,857	423,792,553
		586,803,857	423,792,553
Money market placements			
High rating	9.6	352,928,480	1,034,106,813
		352,928,480	1,034,106,813
		1,573,367,277	1,834,262,231

- 9.2 An analysis of changes in the ECL in relation to foreign currency accounts and investments of the Group measured at amortised cost is as follows:

	2022		
	Nostros account	Money market placements	Total
Stage 1	------(Rupees in '000)-----		
Opening balance as of July 1, 2021	2,781	13,780	16,561
Charge / (reversal) of allowance	1,384	(13,780)	(12,396)
Balance as of June 30, 2022	4,165	-	4,165

	2021		
	Nostros account	Money market placements	Total
Stage 1	------(Rupees in '000)-----		
Opening balance as of July 1, 2020	88	-	88
Charge of allowance	2,693	13,780	16,473
Balance as of June 30, 2021	2,781	13,780	16,561

- 9.3 This includes investments made by the Bank in international markets and balances maintained, on behalf of the Bank through reputable fund managers. The activities of these fund managers are being monitored through a custodian. The market value of the investments as on June 30, 2022 amounts to Rs. 426,417 million (USD 2,081.3 million [2021: Rs. 207,081 million (USD 1,314.5 million)]. These carry interest rates ranging from 1.18% to 2.51% per annum in USD (2021: 0.13% to 3.75% per annum) and 1.13% to 2.33% per annum in CNY (2021: 2.12% to 2.48% per annum).
- 9.4 This represents unrealised gain / (loss) on foreign currency swaps, futures and forward contracts (including transactions executed by the fund managers on behalf of the Group) entered into with various counterparties.
- 9.5 These represent lending under repurchase agreements which carry mark-up in USD at the rate of 1.55% per annum (2021: 0.05% per annum) and these are due to mature on July 1, 2022 (2021: July 01, 2021).
- 9.6 These represent money market placements carrying interest rates ranging from 1.72% to 2.25% per annum in CNY and Nil in USD (2021: 3.28% in CNY and 0.10% to 0.16% per annum in USD) having maturities ranging from July 5, 2022 to August 2, 2022 in CNY (2021: July, 2 2021 in CNY and July 3, 2021 to August 7, 2021 in USD).

10 EARMARKED FOREIGN CURRENCY BALANCES

This represents foreign currency cash balances translated at the exchange rate prevailing at the reporting date, held by the Group to meet foreign currency commitments of the Group.

11 SPECIAL DRAWING RIGHTS OF THE INTERNATIONAL MONETARY FUND

Special drawing rights (SDRs) are the foreign reserve assets which are allocated by the International Monetary Fund (IMF) to its member countries in proportion to their quota in the IMF. In addition, the member countries can purchase the SDRs from the IMF and other member countries in order to settle their obligations. The figures given below represent the rupee value of the SDRs held by the Group as at the reporting date. Interest is credited by the IMF on the SDR holding of the Group at weekly interest rates on daily products of SDRs held during each quarter.

	Note	2022	2021
		------(Rupees in '000)-----	
SDRs are held as follows:			
- by the issue department	24.1	41,041,920	-
- by the banking department		2,418,856	60,771,006
		<u>43,460,776</u>	<u>60,771,006</u>

12 RESERVE TRANCHE WITH THE INTERNATIONAL MONETARY FUND UNDER QUOTA ARRANGEMENTS

Quota allocated by the International Monetary Fund	551,151,829	455,738,808
Liability under quota arrangements	(551,118,972)	(455,712,081)
	<u>32,857</u>	<u>26,727</u>

13 SECURITIES PURCHASED UNDER AGREEMENT TO RESELL

Conventional	13.1	4,080,798,647	1,792,952,119
Shariah compliant financing facility	13.2	437,810,937	-
		<u>4,518,609,584</u>	<u>1,792,952,119</u>

13.1 This represents collateralised lending made to various conventional financial institutions under resell arrangement carrying mark-up ranging from 13.83% to 14.05% per annum (2021: 7.06% to 7.10% per annum). The resell arrangement to conventional financial institution are due to mature on September 9, 2022 (2021: July 2, 2021). The fair value of securities collateralised as on June 30, 2022 amounted to Rs. 4,055,879 million (2021: Rs. 1,852,618 million). The collaterals held by the Bank consists of Pakistan Investment Bonds and market treasury bills.

13.2 This represents collateralised lending made to various Islamic financial institutions under resell arrangement carrying mark-up ranging from 13.85% to 13.91% per annum (2021: Nil). The resell arrangement to conventional and Islamic financial institution are due to mature on September 9, 2022 (2021: Nil). The fair value of securities collateralised as on June 30, 2022 amounted to Rs. 443,876 million (2021: Rs. Nil). The collaterals held by the Bank consists of GoP Ijarah sukuks.

13.3 The following table sets out information about the credit quality of securities purchased under agreement to resell of the Bank measured at amortised cost:

	Stage 1	2022	Stage 1	2021
		------(Rupees in '000)-----		
High rating	4,518,618,316	4,518,618,316	1,792,952,125	1,792,952,125
Less: credit loss allowance	(8,732)	(8,732)	(6)	(6)
	<u>4,518,609,584</u>	<u>4,518,609,584</u>	<u>1,792,952,119</u>	<u>1,792,952,119</u>

13.4 Securities purchased under agreement to resell are held as follows:

	Note	2022	2021
		------(Rupees in '000)-----	
- by the issue department		1,000,000,000	-
- by the banking department		3,518,609,584	1,792,952,119
		<u>4,518,609,584</u>	<u>1,792,952,119</u>

13.5 An analysis of changes in the ECL in relation to securities purchased under agreement to resell of the Group measured at amortised cost is, as follows:

	Stage 1	2022	Stage 1	2021
		------(Rupees in '000)-----		
Opening balance	6	6	7	7
Charge / (reversal) during the year	8,726	8,726	(1)	(1)
Closing balance	<u>8,732</u>	<u>8,732</u>	<u>6</u>	<u>6</u>

	Note	2022 ------(Rupees in '000)-----	2021
14 INVESTMENTS - LOCAL			
At amortised cost			
Federal Government securities			
Pakistan investment bonds (PIBs)	14.5	6,143,166,078	6,676,448,550
Federal government scrips		2,740,000	2,740,000
Market Treasury Bills		50,756,899	6,220,788
	14.2	6,196,662,977	6,685,409,338
Term Deposit Receipts	14.3	2,750,000	1,200,000
Zarai Taraqati Bank Limited (ZTBL) preference shares - unlisted	14.4	54,814,206	54,679,114
Term finance certificates		28,243	28,243
Certificates of deposits		11,235	11,235
		39,478	39,478
Assets relating to endowment fund			
Pakistan investment bonds (PIBs)		132,184	-
Credit loss allowance	14.6	(39,478)	(39,478)
		6,254,359,367	6,741,288,452
At fair value through other comprehensive income			
Investments in banks and other financial institutions			
Ordinary shares			
- Listed		44,715,689	58,506,359
- Unlisted		58,218,372	56,302,176
	14.7	102,934,061	114,808,535
At fair value through profit or loss			
Units of open ended mutual funds	14.9	929,274	1,315,236
		6,358,222,702	6,857,412,223
The above investments are held as follows:			
Issue department	24.1	5,442,215,787	5,655,896,964
Banking department / subsidiaries		916,006,915	1,201,515,259
		6,358,222,702	6,857,412,223

14.1 The following table sets out information about the credit quality of local investments of the Group measured at amortised cost as at June 30, 2022.

	Note	2022			
		Stage 1	Stage 2	Stage 3	Total
		----- (Rupees in '000) -----			
High rating		6,254,359,367	-	-	6,254,359,367
Rating below standard		-	-	39,478	39,478
		6,254,359,367	-	39,478	6,254,398,845
Less: credit loss allowance	14.6	-	-	(39,478)	(39,478)
		6,254,359,367	-	-	6,254,359,367
		----- (Rupees in '000) -----			
		2021			
		Stage 1	Stage 2	Stage 3	Total
		----- (Rupees in '000) -----			
High rating		6,741,288,452	-	-	6,741,288,452
Rating below standard		-	-	39,478	39,478
		6,741,288,452	-	39,478	6,741,327,930
Less: credit loss allowance	14.6	-	-	(39,478)	(39,478)
		6,741,288,452	-	-	6,741,288,452

- 14.2 These represent investments guaranteed / issued by the Government. The profile of return on securities is as follows:

	2022 % per annum	2021
Pakistan investment bonds	7.00 to 15.70	7.92 to 13.88
Federal government scrips	3	3
Market Treasury Bills	10.65 to 15.12	7.29 to 7.65

PIBs were created for one to ten years under the instructions of the Federal Government while Federal Government scrips are of perpetual nature.

The Federal Government issued PIBs on June 30, 2019 with maturity of one year to ten years amounting to Rs. 7,187,000 million. PIBs having face value of Rs.1,707,000 million (2021: 1,138,000 million) have matured till June 30, 2022 and June 30, 2021 respectively.

Market Treasury Bills have maturities upto June 15, 2023 (2021: November 4, 2021)

- 14.3 These represent Term Deposit Receipts having maturity of upto 3 months with Bank Al Habib Limited bearing mark-up ranging from 13.00% to 15.85% (2021: 6.50% to 14.00%) per annum.
- 14.4 This represents 5,446.153 million preference shares of Rs. 10 each carrying mark-up at the rate of 7.5% per annum payable semi-annually, issued by Zarai Taraqati Bank Limited. These preference shares are redeemable on March 7, 2027.
- 14.5 These include investment in PIBs amounting to Rs. 43,711.253 million which has been created against 'receivable balance of Railway' in accordance with the requirement of section 9C(6) of the State Bank of Pakistan Act, 1956, the above-mentioned account has been converted into "PIBs" with a duration of eight years and remunerated at market interest rates.

	2022 ----- (Rupees in '000) -----	2021
14.6 Credit loss allowance		
Opening balance	39,478	78,953
Reversal of credit loss allowance during the year	-	(39,475)
Closing balance	<u>39,478</u>	<u>39,478</u>

14.7 **Investments in shares of banks and other financial institutions**

Note	2022			
	Percentage holding %	Cost	Unrealised appreciation / (diminution) (Rupees in '000)	Total
Listed				
- National Bank of Pakistan	75.20	1,100,805	43,614,884	44,715,689
Unlisted				
<i>More than 50% Shareholding</i>				
- Zarai Taraqati Bank Limited	76.23	10,199,621	(5,330,757)	4,868,864
- House Building Finance Company Limited	90.31	1,482,304	778,019	2,260,323
- Deposit Protection Corporation of Pakistan	14.7.2 100	500,000	(500,000)	-
<i>Less than or equal to 50% Shareholding</i>				
Other investments		4,637,706	46,451,479	51,089,185
		16,819,631	41,398,741	58,218,372
		<u>17,920,436</u>	<u>85,013,625</u>	<u>102,934,061</u>

	Note	2021		
		Percentage holding	Cost	Unrealised appreciation / (diminution) (Note 14.8)
		%		(Rupees in '000)
Listed				
- National Bank of Pakistan		75.20	1,100,805	57,405,554
Unlisted				
<i>More than 50% Shareholding</i>				
- Zarai Taraqati Bank Limited		76.23	10,199,621	(4,125,100)
- House Building Finance Company Limited		90.31	1,482,304	506,693
- Deposit Protection Corporation	14.7.2	100	500,000	(500,000)
<i>Less than or equal to 50% Shareholding</i>				
Other investments			4,637,706	43,600,952
			16,819,631	39,482,545
			<u>17,920,436</u>	<u>96,888,099</u>
				<u>114,808,535</u>

14.7.1 Investments in above entities have been made under the specific directives of the Government of Pakistan in accordance with the provisions of the State Bank of Pakistan Act, 1956 and other relevant statutes. The Group neither exercises significant influence nor has control over these entities except for any regulatory purposes or control arising as a consequence of any statute which applies to the entire sector to which these entities belong. Accordingly, these entities have not been consolidated as subsidiaries or accounted for as investments in associates or joint ventures.

14.7.2 During the year 2018-19, in accordance with section 9 of the Deposit Protection Corporation Act, 2016 (DPC Act), the Bank has made an initial capital contribution of Rs. 500 million in Deposit Protection Corporation (DPC). This represents 100% of the paid-up portion of the capital of DPC, which was established for the protection of small depositors in order to ensure the financial stability of and maintain public interest in, the financial system, and for matters connected therewith or ancillary thereto. The shareholders of DPC are not entitled to receive any dividend in terms of section 9(5) of DPC Act. The Bank is not exposed, or has rights, to variable returns from its involvement with the DPC and does not have the ability to affect its returns. Consequently, DPC is not treated as a subsidiary in these consolidated financial statements. Considering the substance of this transaction, the capital injection in the DPC was fully provided.

	2022	2021
	(Rupees in '000)	
14.8 Unrealised (diminution) / appreciation on remeasurement of investments		
Opening balance	96,888,099	61,416,969
(Diminution) / appreciation during the year - net	(11,874,474)	35,471,130
Closing balance	<u>85,013,625</u>	<u>96,888,099</u>

14.9 Investments in mutual funds at fair value through profit or loss:

2022	2021	Name of investee	2022	2021
Number of units			(Rupees in '000)	
2,242,821	2,242,821	Al Hamra Islamic Stock Fund	20,410	25,321
-	875,094	MCB Cash Management Optimizer Fund	-	88,349
7,065,637	7,065,637	Meezan Islamic Fund	397,311	447,792
-	857,780	MCB DCF Income Fund	-	91,827
6,246,614	6,246,614	ABL Islamic Stock Fund	82,303	101,348
-	151,618	Atlas Money Market Fund	-	76,700
17,924,451	17,924,451	NAFA Islamic Stock Fund	190,105	228,268
-	1,810	NAFA Money Market Fund	-	18
2,752,499	2,752,499	MSAF Meezan Strategic Allocation Plan I	120,262	128,298
2,752,039	2,752,039	MSAF Meezan Strategic Allocation Plan II	118,883	127,315
			<u>929,274</u>	<u>1,315,236</u>

15	INVESTMENTS IN ASSOCIATES	Note	2022 Percentage holding %	2021 %	2022 (Rupees in '000)	2021 (Rupees in '000)
	Investments in associates under equity method of accounting:					
	Security Papers Limited (SPL)	15.1	40.03	40.03	6,801,867	6,387,246
	SICPA Inks Pakistan (Private) Limited (SICPA)	15.2	47	47	923,458	996,490
					<u>7,725,325</u>	<u>7,383,736</u>
15.1	Security Papers Limited - SPL	Note			2022 (Rupees in '000)	2021 (Rupees in '000)
	Cost				1,613,357	1,613,357
	Share of post acquisition after tax profits	15.1.1			2,084,498	1,732,523
	Effect of first time application of IFRS 9 on after tax profits				(100,561)	(100,561)
	Share in other comprehensive income	15.1.2			(64,065)	(64,553)
	Effect of restatement due revaluation of land and Building of SPL				4,170,324	3,894,669
	Effect of first time application of IFRS 9 on other comprehensive income				100,561	100,561
	Dividend received				(1,002,247)	(788,750)
					<u>6,801,867</u>	<u>6,387,246</u>
15.1.1	The movement in share of post acquisition after tax profit for SPL is as follows:					
	Opening balance				1,732,523	1,131,012
	Share of after tax profit from associate for the year ended June 30	15.1.2			379,880	583,816
	Depreciation on revaluation of building				(996)	(996)
	Effect of restatement on after tax profits				-	-
	Unrealised gain / (loss) on transactions	15.1.3			(26,909)	18,691
					<u>351,975</u>	<u>601,511</u>
	Closing balance				<u>2,084,498</u>	<u>1,732,523</u>
15.1.2	These amounts are based on audited annual financial statements of SPL as at and for the year ended June 30, 2022.					
15.1.3	This represents the effect of elimination of unrealised gain / loss on transactions between the associate to the extent of its interest in the associate (40.03%).					
15.2	SICPA Inks Pakistan (Private) Limited - (SICPA)	Note			2022 (Rupees in '000)	2021 (Rupees in '000)
	Cost				497,655	497,655
	Share of post acquisition after tax profits	15.2.1			2,015,183	1,604,481
	Effect of first time application of IFRS 9 on after tax profits				3,554	3,554
	Share in other comprehensive income	15.2.2			3,835	5,359
	Effect of first time application of IFRS 9 on other comprehensive income				(3,554)	(3,554)
	Dividend received				(1,593,215)	(1,111,005)
					<u>923,458</u>	<u>996,490</u>
15.2.1	The movement in share of post acquisition after tax profit for SICPA is as follows:					
	Opening balance				1,604,481	868,131
	Share of after tax profit from associate for the year ended June 30	15.2.2			371,936	613,556
	Effect of restatement on after tax profits				-	-
	Effect of restatement on other comprehensive income				-	-
	Unrealised gain on transactions				38,766	122,794
					<u>410,702</u>	<u>736,350</u>
	Closing balance				<u>2,015,183</u>	<u>1,604,481</u>
15.2.2	These amounts are based on annual audited financial statements of SICPA as at and for the year ended December 31, 2021 which have been adjusted using the unaudited interim financial statements for the half year ended June 30, 2021 and June 30, 2022.					

- 15.3 The following is the summarised financial information of the associates as at June 30, 2022 and June 30, 2021 based on their financial information prepared in accordance with the accounting and reporting standards as applicable in Pakistan.

	Security Papers		SICPA Inks Pakistan	
	June 30, 2022	June 30, 2021	June 30, 2022	June 30, 2021
	(Rupees in '000)			
Assets	8,907,967	8,137,349	4,669,139	4,264,067
Liabilities	1,770,364	1,416,649	2,093,368	1,450,428
	Year ended June 30, 2022	Year ended June 30, 2021	Year ended June 30, 2022	Year ended June 30, 2021
	(Rupees in '000)			
Revenue	5,147,258	5,001,692	7,176,534	7,322,367
Profit after tax	948,989	1,458,730	791,353	1,305,436
Other comprehensive income	1,218	5,893	(3,243)	2,367
Interest in net assets of investee at the end of the year	2,857,182	2,690,296	1,210,612	1,322,410
Other adjustments	(220,444)	(193,535)	(287,154)	(325,920)
Effect of difference in Corporation's accounting policy	4,165,129	3,890,485	-	-
	6,801,867	6,387,246	923,458	996,490

- 15.4 The market value of SPL as at June 30, 2022 is Rs. 115.96 per share (2021: Rs. 144.57 per share) i.e. an aggregate amount of Rs. 2,750.773 million (2021: Rs. 3,429.452 million). The breakup value based on net assets of SICPA as per latest reviewed financial information as on June 30, 2022 is Rs. 451.89 per share (2021: Rs. 493.62 per share) i.e. an aggregate amount of Rs. 1,210.612 million (2021: Rs. 1,322.410 million).

16	LOANS, ADVANCES AND BILLS OF EXCHANGE	Note	2022	2021
			(Rupees in '000)	
			165,348,802	122,531,854
Government owned / controlled financial institutions	16.3		1,363,839,800	1,045,642,491
Private sector financial institutions	16.5		1,529,188,602	1,168,174,345
SDRs on-lending to Government of Pakistan (GoP)	16.4		529,079,647	-
Employees			26,411,255	24,972,693
			2,084,679,504	1,193,147,038
Less: credit loss allowance	16.8		(2,157,379)	(2,151,911)
			2,082,522,125	1,190,995,127

- 16.1 The following table sets out information about the credit quality of loans, advances and bills of exchange of the Group measured at amortised cost:

	2022			
	Stage 1	Stage 2	Stage 3	Total
	(Rupees in '000)			
Government owned / controlled financial institutions				
High rating	163,568,501	-	-	163,568,501
Rating below standard	-	-	1,780,301	1,780,301
	163,568,501	-	1,780,301	165,348,802
Private sector financial institutions				
High rating	1,355,663,779	-	-	1,355,663,779
Standard rating	-	-	-	-
Rating below standard	7,108,824	-	1,067,197	8,176,021
	1,362,772,603	-	1,067,197	1,363,839,800
SDRs on-lending to Government of Pakistan (GoP)				
High rating	-	529,079,647	-	529,079,647
	-	529,079,647	-	529,079,647
Employees				
Performing loans	26,411,255	-	-	26,411,255
Non performing loans	-	-	-	-
	26,411,255	-	-	26,411,255
	1,552,752,359	529,079,647	2,847,498	2,084,679,504
Less: credit loss allowance	(20,410)	-	(2,136,969)	(2,157,379)
	1,552,731,949	529,079,647	710,529	2,082,522,125

2021			
Stage 1	Stage 2	Stage 3	Total
(Rupees in '000)			
Government owned / controlled financial institutions			
High rating	120,751,553	-	120,751,553
Rating below standard	-	1,780,301	1,780,301
	120,751,553	1,780,301	122,531,854
Private sector financial institutions			
High rating	1,037,498,020	-	1,037,498,020
Standard rating	7,077,274	-	7,077,274
Rating below standard	-	1,067,197	1,067,197
	1,044,575,294	1,067,197	1,045,642,491
Employees			
Performing loans	24,965,931	-	24,965,931
Non performing loans	-	6,762	6,762
	24,965,931	6,762	24,972,693
	1,190,292,778	2,854,260	1,193,147,038
Less: credit loss allowance	(14,942)	(2,136,969)	(2,151,911)
	1,190,277,836	717,291	1,190,995,127

- 16.2** An analysis of changes in the ECL in relation to loans and advances of the Group measured at amortised cost is as follows:

2022			
Government owned / controlled financial institutions	Private sector financial institutions	Employees	Total
(Rupees in '000)			

Stage 1

Opening balance as of July 01, 2021	3,716	10,037	1,189	14,942
Charge / (reversal) of allowance	15,593	(10,037)	(88)	5,468
Balance as of June 30, 2022	19,309	-	1,101	20,410

Stage 3

Opening balance as of July 01, 2021	1,066,606	1,063,630	6,733	2,136,969
Charge / (reversal) of allowance	-	-	-	-
Balance as of June 30, 2022	1,066,606	1,063,630	6,733	2,136,969
	1,085,915	1,063,630	7,834	2,157,379

2021			
Government owned / controlled financial institutions	Private sector financial institutions	Employees	Total
(Rupees in '000)			

Stage 1

Opening balance as of July 01, 2020	46,061	9,095	736	55,892
Charge / (reversal) of allowance	(42,345)	942	453	(40,950)
Balance as of June 30, 2021	3,716	10,037	1,189	14,942

Stage 3

Opening balance as of July 01, 2020	1,066,606	1,063,630	6,733	2,136,969
Charge / (reversal) of allowance	-	-	-	-
Balance as of June 30, 2021	1,066,606	1,063,630	6,733	2,136,969
	1,070,322	1,073,667	7,922	2,151,911

16.3 Loans and advances to government owned / controlled financial institutions

Note	Scheduled banks		Other financial institutions		Total	
	2022	2021	2022	2021	2022	2021
(Rupees in '000)						
Agricultural sector	946,257	917,643	-	-	946,257	917,643
Industrial sector	76,359,494	42,448,747	-	-	76,359,494	42,448,747
Export sector	76,568,319	62,589,078	3,567	-	76,571,886	62,589,078
Housing sector	-	-	3,014	10,456	3,014	10,456
Others	11,142,901	15,777,412	325,250	788,518	11,468,151	16,565,930
	165,016,971	121,732,880	331,831	798,974	165,348,802	122,531,854

16.3.1 This includes exposure to Industrial Development Bank Limited (IDBL) under locally manufactured machinery (LMM) credit line amounting to Rs. 1,054 million (2021: Rs. 1,054 million). Furthermore, loans and advances also include loans amounting to Rs. 340.78 million (2021: Rs. 340.78 million) to IDBL which are secured by government securities. The Federal Government vide its vesting order dated November 13, 2012 had transferred and vested all assets and liabilities of Industrial Development Bank of Pakistan (IDBP) into the IDBL with effect from November 13, 2012. The Cabinet Committee on Privatisation, in its meeting held on May 07, 2016 approved the inclusion of IDBL in the 'privatisation program for early implementation'. Further, the Cabinet Committee on Privatisation in its meeting held on October 31, 2018 approved to delist IDBL from privatization programme. The Federal Cabinet also ratified the decision of the Cabinet Committee on Privatization. Currently, the process of winding up of IDBL is under process.

16.3.2 These balances include Rs. 327.957 million (2021: Rs. 327.957 million) which are recoverable from various financial institutions operating in Bangladesh (former East Pakistan). The realisability of these balances is subject to final settlement between the Governments of Pakistan and Bangladesh.

16.4 During the year, the Bank has received a general allocation from the IMF amounting to SDR 1,946.6 million as disclosed in note 29.2 to these consolidated financial statements as a fiscal agent of GoP which were on-lent to the GoP through a separate transaction. The GoP upon receipt of such SDR's has sold the same to the Bank and received amount equivalent to Rs 474,938 million, being the value prevalent on the date the SDRs were on-lending to GoP. This SDR - denominated loan carries an interest which is based on weekly interest rate applicable on daily product of SDR's payable in SDR's which will be settled in equivalent 'PKR'. The loan is perpetual in nature and shall only be payable in case IMF decides to reduce the SDR allocation or demands repayment of such SDR's from SBP.

16.5 Loans and advances to private sector financial institutions

Note	Scheduled banks		Other financial institutions		Total	
	2022	2021	2022	2021	2022	2021
(Rupees in '000)						
Agricultural sector	3,957,299	2,962,701	147,165	241,635	4,104,464	3,204,336
Industrial sector	563,045,942	331,950,497	30,102,661	20,688,134	593,148,603	352,638,631
Export sector	702,406,542	526,048,365	-	-	702,406,542	526,048,365
Others	57,152,408	155,962,278	7,027,783	7,788,881	64,180,191	163,751,159
	1,326,562,191	1,016,923,841	37,277,609	28,718,650	1,363,839,800	1,045,642,491

16.5.1 Export sector loans of scheduled banks are fully secured against demand promissory notes.

16.5.2 In the year 2015, the Bank in continuation of a scheme of amalgamation of two commercial banks duly sanctioned by the Federal Government under section 47 of the Banking Companies Ordinance, 1962 and under section 17 of the State Bank of Pakistan Act, 1956, extended a 10 year financing facility of Rs. 5,000 million with a bullet payment of mark-up and principal at maturity to an Islamic commercial bank (ICB) which is secured against Government of Pakistan Ijara Sukuk. The 10 year facility was provided on the basis of Modaraba to be remunerated at profit sharing ratio declared by the ICB on its remunerative current accounts on monthly basis (the last declared rate in this respect is 0.01% per annum). In accordance with the requirements of accounting framework of the Bank, the 10 year financing facility had been recognised at fair value on initial recognition. The amortised cost as of June 30, 2022 is Rs. 3,852 million (2021: Rs. 3,523 million).

16.5.3 Loans to other financial institutions include advances made to microfinance banks under Financial Inclusion and Infrastructure Project (FIIP). These loans are fully secured against demand promissory notes.

16.6 The interest / mark-up rate profile of the interest / mark-up bearing loans and advances is as follows:	2022	2021
	(% per annum)	
Government owned / controlled and private sector financial institutions	0 to 9.7	0 to 9.7
Employees loans (where applicable)	0 to 10.00	0 to 10.00

16.7 Fair valuation adjustment on COVID loans - net	2022	2021
	----- (Rupees in '000) -----	
Unwinding of income in respect of fair valuation adjustment on COVID-19 loans	22,618,337	12,686,574
Fair valuation loss adjustment on COVID-19 loans on initial recognition	(85,841,557)	(58,418,557)
	<u>(63,223,220)</u>	<u>(45,731,983)</u>

The Group in response to the COVID-19 pandemic launched several new financing facility schemes in line with its mission to maintain financial and monetary stability. The following facilities were introduced via IH&SMEFD circular no. 01 and 03 of 2020 dated March 17, 2020 and IH&SMEFD circular no. 06 of 2020 dated April 10, 2020:

- i) temporary economic refinance facility;
- ii) refinance facility for combating COVID-19 (RFCC); and
- iii) refinance scheme for payments of wages and salaries to workers and employees of business concerns

Facilities disbursed to the banks during the year under the above mentioned schemes aggregated to Rs. 223,532 million (2021: Rs. 299,540 million). These facilities have been recorded at fair value resulting in recognition of fair value adjustment on initial recognition aggregating to Rs. 85,841.557 million (2021: Rs. 58,418.557 million). Further, during the year, an aggregate amount of Rs. 22,618.337 million (2021: Rs. 12,686.574 million) was recognised in respect of unwinding of income on fair valuation adjustment on COVID-19 loans.

	Note	2022 ----- (Rupees in '000) -----	2021 ----- (Rupees in '000) -----
16.8 Credit loss allowance			
Opening balance		2,151,911	2,192,861
Charge / (reversal) during the year		5,468	(40,950)
Closing balance		<u>2,157,379</u>	<u>2,151,911</u>
17 ASSETS HELD WITH THE RESERVE BANK OF INDIA			
Gold reserves			
- opening balance		9,328,857	9,978,954
- Appreciation / (diminution) for the year due to revaluation	31.3.1.1	<u>3,171,489</u>	<u>(650,097)</u>
		<u>12,500,346</u>	<u>9,328,857</u>
Sterling securities		821,148	720,349
Government of India securities		371,008	302,599
Rupee coins		<u>7,503</u>	<u>6,159</u>
	17.1	<u>13,700,005</u>	<u>10,357,964</u>
Indian notes representing assets receivable from the Reserve Bank of India			
	17.2	<u>1,116,318</u>	<u>910,485</u>
	24.1	<u>14,816,323</u>	<u>11,268,449</u>
17.1	These assets were allocated to the Government of Pakistan as its share of the assets of the Reserve Bank of India under the provisions of Pakistan (Monetary System and Reserve Bank) Order, 1947. The transfer of these assets to the Group is subject to final settlement between the Governments of Pakistan and India (also refer note 31.3.1).		
17.2	These represent Pak Rupee equivalent of Indian rupee notes which were in circulation in Pakistan until retirement from circulation under the Pakistan (Monetary System and Reserve Bank) Order, 1947. Realisability of these assets is subject to final settlement between the Governments of Pakistan and India (also refer note 31.3.1).		
18 BALANCES DUE FROM THE GOVERNMENTS OF INDIA AND BANGLADESH	Note	2022 ----- (Rupees in '000) -----	2021 ----- (Rupees in '000) -----
India			
Advance against printing of notes		39,616	39,616
Receivable from the Reserve Bank of India		<u>837</u>	<u>837</u>
		<u>40,453</u>	<u>40,453</u>
Bangladesh			
Inter office balances		819,924	819,924
Loans, advances and commercial papers	18.1	<u>14,246,824</u>	<u>13,227,497</u>
		<u>15,066,748</u>	<u>14,047,421</u>
	18.2	<u>15,107,201</u>	<u>14,087,874</u>
18.1	These represent interest bearing loans and advances (including commercial papers) provided to the Government of Bangladesh.		
18.2	The realisability of the above balances is subject to final settlement between the Government of Pakistan and Governments of Bangladesh and India (also refer notes 31.1 and 31.3.1).		
19 PROPERTY, PLANT AND EQUIPMENT	Note	2022 ----- (Rupees in '000) -----	2021 ----- (Rupees in '000) -----
Operating fixed assets	19.1	160,676,374	136,621,502
Capital work-in-progress	19.4	<u>4,415,508</u>	<u>1,725,827</u>
		<u>165,091,882</u>	<u>138,347,329</u>

19.1 Operating fixed assets

	2022									
	Freehold land*	Leasehold land*	Buildings on freehold land*	Buildings on leasehold land*	Plant and Machinery	Furniture and fixtures	Office equipment	Electronic data processing equipment	Motor vehicles	Right-of-use assets
	(Rupees in '000)									
As at July 01, 2021										
Cost / revalued amount	68,656,083	55,717,637	2,860,199	5,164,639	11,310,314	296,944	4,669,802	3,135,318	1,135,286	55,940
Accumulated depreciation	-	1,900,123	322,184	582,030	7,780,885	185,623	2,159,347	2,778,660	624,077	47,731
Net book value	68,656,083	53,817,514	2,538,015	4,582,609	3,529,429	111,321	2,510,455	356,658	511,209	8,209
Year ended June 30, 2022										
Opening net book value	68,656,083	53,817,514	2,538,015	4,582,609	3,529,429	111,321	2,510,455	356,658	511,209	8,209
Additions	-	-	2,433	-	65,605	107,768	211,043	342,517	179,603	-
Transfers from capital work in progress	-	-	231,692	46,032	513,368	1,013	1,441,316	195	-	-
	-	-	234,125	46,032	578,973	108,781	1,652,359	342,712	179,603	-
Revaluation during the year	6,752,479	10,782,144	911,343	1,031,215	-	-	-	-	-	-
Reversal of accumulated depreciation due to revaluation surplus	-	2,844,587	492,058	877,934	-	-	-	-	-	-
	6,752,479	13,626,731	1,403,401	1,909,149	-	-	-	-	-	-
Disposals										
Cost	-	-	-	-	(43,375)	(2,962)	(20,283)	(79,341)	(127,615)	-
Accumulated depreciation	-	-	-	-	21,270	1,411	20,283	79,044	100,151	-
	-	-	-	-	(22,105)	(1,551)	-	(297)	(27,464)	-
Adjustments **	-	-	-	-	-	-	-	-	706	(706)
Depreciation charge	-	944,463	169,874	295,904	363,162	21,412	492,183	250,675	185,046	5,337
Net book value	75,408,562	66,499,782	4,005,667	6,241,886	3,723,135	197,139	3,670,631	448,398	479,008	2,166
As at June 30, 2022										
Cost / revalued amount	75,408,562	66,499,782	4,005,667	6,241,886	11,845,912	402,763	6,301,878	3,398,689	1,187,980	55,234
Accumulated depreciation	-	-	-	-	8,122,777	205,624	2,631,247	2,950,291	708,972	53,068
Net book value	75,408,562	66,499,782	4,005,667	6,241,886	3,723,135	197,139	3,670,631	448,398	479,008	2,166
Useful life / rate of depreciation	-	90-99 years	20 years	20 years	10%-20%	10%-20%	10%-33%	33.33%	20%	20%
	2021									
	Freehold land*	Leasehold land*	Buildings on freehold land*	Buildings on leasehold land*	Plant and Machinery	Furniture and fixtures	Office equipment	Electronic data processing equipment	Motor vehicles	Right-of-use assets
	(Rupees in '000)									
As at July 01, 2020										
Cost / revalued amount	68,540,532	55,717,637	2,830,021	5,108,055	10,217,595	273,369	2,694,535	2,942,064	1,023,352	56,813
Accumulated depreciation	-	954,871	160,845	288,740	7,451,162	166,198	1,879,847	2,628,670	553,922	41,087
Net book value	68,540,532	54,762,766	2,669,176	4,819,315	2,766,433	107,171	814,688	313,394	469,430	15,726
Year ended June 30, 2021										
Opening net book value	68,540,532	54,762,766	2,669,176	4,819,315	2,766,433	107,171	814,688	313,394	469,430	15,726
Transfer to right-of-use assets	-	-	-	-	-	-	-	-	-	-
Additions	115,551	-	9,160	-	53,329	24,229	193,126	247,591	229,611	-
Transfers from capital work in progress	-	-	21,018	56,584	1,039,390	-	1,814,357	-	-	-
	115,551	-	30,178	56,584	1,092,719	24,229	2,007,483	247,591	229,611	-
Disposals										
Cost	-	-	-	-	-	(654)	(32,216)	(54,337)	(118,550)	-
Accumulated depreciation	-	-	-	-	-	560	32,216	50,926	99,475	-
	-	-	-	-	-	(94)	-	(3,411)	(19,075)	-
Adjustments **	-	-	-	-	-	-	-	-	873	(873)
Depreciation charge	-	945,252	161,339	293,290	329,723	19,985	311,716	200,916	169,630	6,644
Net book value	68,656,083	53,817,514	2,538,015	4,582,609	3,529,429	111,321	2,510,455	356,658	511,209	8,209
As at June 30, 2021										
Cost / revalued amount	68,656,083	55,717,637	2,860,199	5,164,639	11,310,314	296,944	4,669,802	3,135,318	1,135,286	55,940
Accumulated depreciation	-	1,900,123	322,184	582,030	7,780,885	185,623	2,159,347	2,778,660	624,077	47,731
Net book value	68,656,083	53,817,514	2,538,015	4,582,609	3,529,429	111,321	2,510,455	356,658	511,209	8,209
Useful life / rate of depreciation	-	90-99 years	20 years	20 years	10%-20%	10%-20%	10%-33%	33.33%	20%	20%

* These represents revalued assets

** Adjustments include reclassification within different categories of assets

- 19.2** Land and Buildings of the Group are carried at revalued amount. The latest revaluation was carried out on June 30, 2022 by an independent valuer i.e. M/S M.J.Surveyors (Private) limited which resulted in a surplus of Rs. 23,692 million. The revaluation was carried out based on the market value assessment being the fair value of the land and buildings. Had there been no revaluation, the carrying value of the revalued assets would have been as follows:

	Note	2022	2021
		----- (Rupees in '000) -----	
Freehold land		42,446	42,446
Leasehold land		174,236	176,058
Buildings on freehold land		581,772	491,359
Buildings on leasehold land		503,104	752,976
		<u>1,301,558</u>	<u>1,462,839</u>

19.3 Depreciation charge for the year has been allocated as follows:

General administrative and other expenses	46	2,406,609	2,162,158
Banknotes' and prize bonds printing charges	44	307,069	264,180
Charged to NSPC		14,378	12,157
		<u>2,728,056</u>	<u>2,438,495</u>

19.4 Capital work-in-progress

Leasehold land		449	-
Buildings on freehold land		705,489	252,684
Buildings on leasehold land		602,907	581,866
Office equipment		66,924	342,909
Electronic data processing equipment		-	195
Plant and machinery		3,039,739	548,173
		<u>4,415,508</u>	<u>1,725,827</u>

20 INVESTMENT PROPERTY

Balance as at 1 July		983,847	978,608
Fair value gain recognised during the year		85,120	5,239
Balance as at 30 June		<u>1,068,967</u>	<u>983,847</u>

- 20.1** The Group's investment property were revalued at June 30, 2022, in line with the Group's policy, by an independent valuer M/s M.J.Surveyors (Private) Limited on the basis of their professional assessment of the present market value. As a result of revaluation exercise by the valuer, the fair value of the investment property i.e SIDCO Avenue is assessed and recorded at Rs. 46.677 million as at June 30, 2022. Furthermore, the rented out portion to SICPA of the Group's land is also revalued and recorded at Rs. 1,022.290 million.

	Note	2022	2021
		----- (Rupees in '000) -----	
21 INTANGIBLE ASSETS			
Software	21.1	132,922	69,873
Capital work-in-progress		36,815	28,314
		<u>169,737</u>	<u>98,187</u>

21.1 Intangible assets

		Cost at July 1	Additions during the year	Cost at June 30	Accumulated amortisation at July 1	Amortisation for the year	Accumulated amortisation at June 30	Net book value at June 30	Useful Life
----- (Rupees in '000) -----									
Software	2022	1,076,934	115,594	1,192,528	1,007,061	52,545	1,059,606	132,922	3 years
Software	2021	1,018,108	58,826	1,076,934	914,828	92,233	1,007,061	69,873	3 years

	Note	2022 ----- (Rupees in '000) -----	2021
21.2 Amortisation charge for the year has been allocated to:			
General, administrative and other expenses	46	<u>52,545</u>	<u>92,233</u>

22 DEFERRED TAXATION

	Balance as at July 1, 2021	Recognised in P&L	Recognised in OCI	Balance as at June 30, 2022
	----- (Rupees in '000) -----			
Taxable temporary differences on				
- Stores and spares	(20,335)	(2,286)	-	(22,621)
- Stock-in-trade	(15,444)	(4,620)	-	(20,064)
- Loans and advances	(1,611)	1,406	-	(205)
- Other receivables	(24,394)	-	-	(24,394)
- Lease liabilities	1,284	(2,711)	-	(1,427)
- Deferred liabilities - pension payable	(625,651)	10,420	317,404	(297,827)
	<u>(686,151)</u>	<u>2,209</u>	<u>317,404</u>	<u>(366,538)</u>
Deductible temporary differences on				
- Property, plant and equipment	485,355	38,882	189,090	713,327
- Investment in associates	1,102,787	9,891	41,348	1,154,026
- Investments - local	52,813	(47,112)	-	5,701
	<u>1,640,955</u>	<u>1,661</u>	<u>230,438</u>	<u>1,873,054</u>
	<u>954,804</u>	<u>3,870</u>	<u>547,842</u>	<u>1,506,516</u>

	Note	2022 ----- (Rupees in '000) -----	2021
23 OTHER ASSETS			
Commission receivable and others		7,802,828	4,678,483
Unrealised gain on local currency derivatives		1,524,781	16,438,901
Stock-in-trade	23.1	4,408,423	4,328,214
Other advances, deposits and prepayments		28,035,485	9,537,000
Stores and spares		1,417,383	976,883
Medical, stationery consumables and stamps on hand		374,376	315,953
		<u>43,563,276</u>	<u>36,275,434</u>

23.1 Stock-in-trade includes:

Raw materials	2,303,281	1,249,825
Work-in-process	1,347,528	2,391,605
Finished goods	826,801	740,038
Less: Provision for slow moving and obsolete stock-in-trade	(69,187)	(53,254)
	<u>4,408,423</u>	<u>4,328,214</u>

24 BANKNOTES IN CIRCULATION

Total banknotes issued	24.1	7,992,738,413	7,279,009,617
Banknotes held with the Banking department	8	(146,313)	(149,598)
Notes in circulation		<u>7,992,592,100</u>	<u>7,278,860,019</u>

24.1 The liability for banknotes issued by the issue department is recorded at its face value in the consolidated balance sheet. In accordance with section 32 of SBP Act 1956, the liabilities of issue department shall be an amount equal to total of the amount of the bank notes for the time being in circulation. In accordance with section 26 (1) of the SBP Act 1956, this liability of issue department is supported by the following assets of the issue department.

	Note	2022 ----- (Rupees in '000) -----	2021
Gold reserves held by the Bank	7	773,637,405	577,356,238
Local currency - coins	8	406,368	417,574
Foreign currency accounts and investments	9	720,620,610	1,034,070,392
Special drawing rights of the International Monetary Fund	11	41,041,920	-
Securities purchased under agreement to resell	13	1,000,000,000	-
Investments - local	14	5,442,215,787	5,655,896,964
Assets held with the Reserve Bank of India	17	14,816,323	11,268,449
		<u>7,992,738,413</u>	<u>7,279,009,617</u>

	Note	2022 ----- (Rupees in '000) -----	2021
25 CURRENT ACCOUNTS OF GOVERNMENTS			
25.1 Current accounts of governments - payable balances			
Federal Government	25.3	955,500,282	909,557,319
Provincial governments			
- Punjab	25.4	440,226,153	207,526,221
- Sindh	25.5	93,959,090	74,033,535
- Khyber Pakhtunkhwa	25.6	1,607,602	31,830,135
- Balochistan	25.7	18,472,576	39,604,640
Government of Azad Jammu and Kashmir	25.8	14,770,496	12,368,089
Gilgit - Baltistan Administration Authority	25.9	22,646,049	20,566,495
		591,681,966	385,929,115
		1,547,182,248	1,295,486,434
25.2 Current accounts of governments - receivable balance			
Railways account	25.10	-	33,793,930
25.3 Federal Government			
Non-food account		940,571,122	888,797,230
Zakat fund accounts		10,817,584	6,190,294
Other accounts		4,111,576	14,569,795
		955,500,282	909,557,319
25.4 Provincial Government - Punjab			
Non-food account		437,985,054	197,273,388
Zakat fund account		173,564	422,545
Other accounts		2,067,535	9,830,288
		440,226,153	207,526,221
25.5 Provincial Government - Sindh			
Non-food account		84,084,986	68,353,578
Zakat fund account		3,785,510	3,134,220
Other accounts		6,088,594	2,545,737
		93,959,090	74,033,535
25.6 Provincial Government - Khyber Pakhtunkhwa			
Non-food account		683,751	23,431,227
Zakat fund account		355,629	8,109,074
Other accounts		568,222	289,834
		1,607,602	31,830,135
25.7 Provincial Government - Balochistan			
Non-food account		16,279,369	36,886,295
Zakat fund account		1,920,593	2,297,977
Other accounts		272,614	420,368
		18,472,576	39,604,640
25.8 Government of Azad Jammu and Kashmir		14,770,496	12,368,089
25.9 Gilgit - Baltistan Administration Authority		22,646,049	20,566,495
25.10 These balances carry mark-up at the rate of Nil (2021: 6.95% to 7.63% per annum).			

26 PAYABLE UNDER BILATERAL CURRENCY SWAP AGREEMENT

26.1 Payable under bilateral currency swap agreement with the People's Bank of China (PBoC)

A bilateral currency swap agreement (CSA) was entered between the Bank and the People's Bank of China (PBoC) on December 2011 in order to promote bilateral trade, finance direct investment, provide short term liquidity support and for any other purpose mutually agreed between the two central banks. The original agreement was renewed on December 23, 2014 for a period of three years with overall limit of CNY 10,000 million and an equivalent PKR. The bilateral CSA had been further extended on 2018 for a period of three years, with amount increased from CNY 10,000 million to CNY 20,000 million and an equivalent PKR. The Bank had purchased and utilised CNY 20,000 million against PKR as at June 30, 2020, with the maturity buckets of three months to 1 year. During the year ended June, 30 2021, the overall limit of CNY 20,000 million was further extended to CNY 30,000 million for a period of three years against an equivalent PKR with the maturity buckets of three months to 1 year. Interest is charged on outstanding balance at agreed rates.

	Note	2022	2021
		----- (Rupees in '000) -----	
27 DEPOSITS OF BANKS AND FINANCIAL INSTITUTIONS			
Foreign currency			
Scheduled banks		47,822,269	37,511,130
Held under cash reserve requirement	27.1	218,822,674	197,280,327
		<u>266,644,943</u>	<u>234,791,457</u>
Local currency			
Scheduled banks	27.1	965,255,118	1,073,141,877
Financial institutions		22,863,028	19,503,643
Others		271,585	231,415
		<u>988,389,731</u>	<u>1,092,876,935</u>
		<u>1,255,034,674</u>	<u>1,327,668,392</u>

27.1 This includes cash deposited with the Bank by scheduled banks under regulatory requirements.

	Note	2022	2021
		----- (Rupees in '000) -----	
28 OTHER DEPOSITS AND ACCOUNTS			
Foreign currency			
Foreign central banks		92,539,864	70,925,695
International organisations		466,392,799	357,838,470
Others		18,451,182	13,384,118
	28.1 & 28.2	<u>577,383,845</u>	<u>442,148,283</u>
Local currency			
Special debt repayment	28.3	24,243,841	24,243,841
Government	28.4	17,850,348	17,850,348
Foreign central banks		38	1,725
International organisations		5,796,658	6,006,609
Others		109,304,697	138,779,110
		<u>157,195,582</u>	<u>186,881,633</u>
		<u>734,579,427</u>	<u>629,029,916</u>

28.1 This includes FCY deposits equivalent to Rs. 816,387 million (based on exchange rate as of June 30, 2022) (2021: Rs. 630,174 million (based on exchange rate as of June 30, 2021)), carrying interest at twelve month LIBOR + 1.00% (2021: LIBOR + 1.00%), payable semi-annually. These deposits have been set off against the Rupee counterpart receivable from the Federal Government and have been covered under Ministry of Finance (MoF) Guarantee whereby the MoF has agreed to assume all liabilities and risks arising from these deposits.

	2022	2021
	(% per annum)	
28.2 The interest rate profile of the interest bearing deposits is as follows:		
Foreign central banks	0.32 to 2.09	0.32 to 0.55
International organisations	1.89 to 3.00	1.96 to 3.00

28.3 These are interest free and represent amounts kept in separate special accounts to meet forthcoming foreign currency debt repayment obligations of the Government of Pakistan.

- 28.4** These represent rupee counterpart of the foreign currency loan disbursements received from various international financial institutions on behalf of the Government and credited to separate deposit accounts in accordance with the instructions of the GoP.

	Note	2022	2021
29	PAYABLE TO THE INTERNATIONAL MONETARY FUND	----- (Rupees in '000) -----	
Borrowings under:			
- fund facilities	29.1 & 29.3	553,852,803	622,012,301
- allocation of SDRs	29.2	797,405,943	223,346,298
		<u>1,351,258,746</u>	<u>845,358,599</u>
Current account for administrative charges		62	52
		<u>1,351,258,808</u>	<u>845,358,651</u>

- 29.1** The IMF provides financing to its member countries from general resources account (GRA) held in its general department. GRA credit is normally governed by the IMF's general lending policies (also known as credit tranche policies), which provide financing for balance of payments (BoP) and budgetary support needs.

Under GRA financing, the IMF granted Extended fund facility (EFF) amounting to SDR 4,393 million in FY 2013-14, having repayment period of 4½ – 10 years, with repayments in twelve equal semi-annual instalments. A total amount of SDR 4,393 million has been disbursed under twelve tranches of EFF. The repayment under this facility started from March 2018 and will continue till September 2026. Repayments made during the year amounted to SDR 732 million (2021: SDR 756 million) in 24 different tranches (2021: 24 tranches).

- 29.2** During the year, IMF has increased a general allocation of all member countries with the objective to support them in meeting their need for reserves, built confidence and to bring stability in global economy. The Bank (as fiscal agent of GOP) received an allocation amounting to SDRs 1,946.6 million from the Fund. A charge is levied by the IMF on SDR allocation of the Bank at weekly interest rate applicable on daily product of SDR. The SDRs received above have been on-lent to the GoP as disclosed in note 16.4 to these consolidated financial statements.

	Note	2022	2021
29.3	Interest profile of amount payable to the IMF is as under:	(% per annum)	
Fund facilities	29.3.1	1.05 to 1.89	1.05 to 1.13

- 29.3.1** The IMF levies a basic rate of interest (charges) on loans based on SDR interest rate and imposes surcharges depending on the amount and maturity of the loan and the level of credit outstanding. Interest rates are determined by the IMF on weekly basis. Charges are, however, payable on quarterly basis.

30 SECURITIES SOLD UNDER AGREEMENT TO REPURCHASE

This represents collateralised borrowing made from financial institutions under repurchase arrangement carrying a mark-up ranging from 12.75% to 13.65% per annum (2021: 6.95% per annum) and is due to mature on July 4, 2022 (2021: July 2, 2021).

	Note	2022	2021
31	OTHER LIABILITIES	----- (Rupees in '000) -----	
Provision against overdue mark-up	31.1	13,852,731	12,833,396
Special reserve provision under FIIP		11,644,025	10,794,159
Remittance clearance account		2,396,952	2,251,010
Exchange loss payable under exchange risk coverage scheme		751,108	437,703
Dividend payable	31.2	-	10,000
Unrealised loss on derivative financial instruments - net		50,172,618	4,007,806
Other accruals and provisions	31.3	43,620,976	42,485,821
Others	31.4	19,428,037	9,623,467
		<u>141,866,447</u>	<u>82,443,362</u>

- 31.1** This represents suspended mark-up which is recoverable from the Government of Bangladesh (former East Pakistan) subject to the final settlement between the governments of Pakistan and Bangladesh.

- 31.2** This represents dividend payable on shares held by the Government of Pakistan and government controlled entities amounting to Nil (2021: Rs. 10 million).

	Note	2022 ----- (Rupees in '000) -----	2021
31.3 Other accruals and provisions			
Agency commission		11,045,673	13,971,245
Provision for employees' compensated absences	46.3.9	11,132,109	10,287,632
Provision for other doubtful assets	31.3.1	16,398,780	12,850,914
Trade and other payables		312,312	941,320
Other provisions	31.3.2	2,862,037	2,862,034
Others		1,870,065	1,572,676
		43,620,976	42,485,821

31.3.1 Provision for other doubtful assets

Provision against assets held with / receivable from the Government of India and the Reserve Bank of India

- Issue department	14,816,323	11,268,457
- Banking department	40,483	40,483
	14,856,806	11,308,940

Provision against assets receivable from the Government of Bangladesh

- Issue department	-	-
- Banking department	1,541,974	1,541,974
	1,541,974	1,541,974

31.3.1.1	16,398,780	12,850,914
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31.3.1.1 Movement of provisions for other doubtful assets

Opening balance	12,850,914	13,525,632
Charge / (reversal of charge) during the year	376,377	(24,621)
Appreciation / (diminution) relating to gold reserves held by the Reserve Bank of India	3,171,489	(650,097)
Closing balance	16,398,780	12,850,914

31.3.2 This represent provision against home remittance amounting to Rs. 260.363 million (2021: Rs. 260.363 million), specific claims pertaining to provision made against claims under arbitration amounting to Rs. 1,600 million (2021: Rs. 1,600 million) and other provision made in respect of various litigations and claims against the Bank amounting to Rs. 1,001.67 million (2021: Rs. 1,001.67 million).

31.4 This includes liability maintained against balances due from the Government of Bangladesh amounting to Rs. 778.399 million (2021: Rs. 778.399 million).

	Note	2022 ----- (Rupees in '000) -----	2021
32 DEFERRED LIABILITY - STAFF RETIREMENT BENEFITS			
<i>Unfunded staff retirement benefits</i>			
Pension		61,093,434	61,250,137
Gratuity scheme		168,245	140,720
Post retirement medical benefits		42,190,670	31,731,805
Benevolent fund scheme		966,939	1,183,375
Six months post retirement facility		1,129,370	952,536
Income Continuation Plan		2,121,784	
	46.3.3	107,670,442	95,258,573
Provident fund scheme		586,634	694,328
		108,257,076	95,952,901
<i>Funded staff retirement benefits</i>			
Pension	46.4.3	4,440,973	5,027,214
		112,698,049	100,980,115

33 SHARE CAPITAL

2022 ----- (Number of shares) -----	2021		2022 ----- (Rupees in '000) -----	2021
Issued, subscribed and paid-up capital				
<u>1,000,000,000</u>	<u>1,000,000</u>	Fully paid-up ordinary shares of Rs. 100 each	<u>100,000,000</u>	<u>100,000</u>
Authorised share capital				
<u>5,000,000,000</u>	<u>1,000,000</u>	Ordinary shares of Rs. 100 each	<u>500,000,000</u>	<u>100,000</u>

33.1 The shares of the Bank are held by the Government of Pakistan and certain Government controlled entities except for 200 shares held by the Central Bank of India (held by Deputy Custodian Enemy Property, Banking Policy and Regulations Department, State Bank of Pakistan) and 500 shares held by the State of Hyderabad.

33.2 As per section 4(2) of State Bank of Pakistan Act, 1956, paid-up capital of the Bank shall be Rs 100,000 million with effect from January 28, 2022, divided into 1,000 million shares of Rs 100 each, which shall be made up through issuance of bonus shares by capitalising of profits or general reserve or through subscription of shares in cash by the Federal Government. During the year, the Board of Directors in their meeting held on March 21, 2022 has approved above capitalisation through transfer of amount from reserve for building up of share capital, rural credit fund, industrial credit fund, export credit fund, loans guarantee fund, housing credit fund and reserve fund' to share capital amounting to Rs 99,900 million.

34 RESERVES

34.1 General reserve

This includes appropriations made out of the annual profits of the State Bank of Pakistan in accordance with the provisions of the State Bank of Pakistan Act, 1956. During the year, the Board of Directors has approved appropriation of Rs.147.296 billion to general reserve (2021: Rs 93.604 billion to reserve fund). Furthermore, the Board in its meeting held on March 21, 2022 has also approved the transfer of Rs. 93.600 billion to the Government of Pakistan.

34.2 The reserves for acquisition of PSPC

This represents reserves against the Group's exposure in PSPC.

34.3 Other funds

These represent appropriations made out of the surplus profits of the State Bank of Pakistan for certain specified purposes in accordance with the provisions of the State Bank of Pakistan Act, 1956.

	Note	2022 ----- (Rupees in '000) -----	2021
35 UNREALISED APPRECIATION / (DIMINUTION) ON GOLD RESERVES HELD BY THE BANK			

Opening balance		572,779,945	613,003,558
Appreciation / (diminution) for the year due to revaluation	7	196,281,167	(40,223,613)
		<u>769,061,112</u>	<u>572,779,945</u>

36 CONTINGENCIES AND COMMITMENTS

36.1 Contingencies

36.1.1 State Bank of Pakistan (the Bank)

a) Contingent liability in respect of guarantees given on behalf of:			
Federal Government	36.1.1.1	8,120,792	9,424,007
Federal Government owned / controlled bodies and authorities		6,235,750	6,308,328
		<u>14,356,542</u>	<u>15,732,335</u>

	Note	2022 ----- (Rupees in '000) -----	2021
b) Other claims against the Bank not acknowledged as debts	36.1.1.2	<u>577,086</u>	<u>15,363</u>

- c) In addition to the above claims, there are several other lawsuits / investigation filed by various parties as a result of the regulatory actions / investigations taken by the Bank in its capacity as regulator and banker to the government, which the Bank is currently contesting in various courts of laws / forum. The management of the Bank believes that the Bank has reasonable position in respect of these litigations and possibility of outflow of economic resources is remote. Accordingly no provision for any liability may be needed in these consolidated financial statements.

36.1.1.1 Above guarantees are secured by counter guarantees from the Government of Pakistan.

36.1.1.2 These represent various claims filed against the Bank's role as a regulator and certain other cases.

36.1.2 National Institute of Banking and Finance (Guarantee) Limited (NIBAF)

36.1.2.1 During the year 2016, the NIBAF received a notice from the tax department dated January 20, 2016 claiming that the services provided by NIBAF fall within the purview of serial numbers 13, 19 and 38 of schedule to the Islamabad Capital Territory (Tax on Services) Ordinance, 2001 (ICTO) and accordingly the NIBAF should get itself registered for sales tax, obtain Sales Tax Registration number (STRN), file returns for six months from July 2015 to December 2015 and settle the outstanding liability in respect of sales tax for those six months. The management believes that the training services did not fall under the purview of serial numbers 13, 19 and 38 of schedule to the ICTO mainly on the ground that the NIBAF is a training NIBAF and is not liable to be registered under sales tax on training services. A reply was sent from the NIBAF's management to the Assistant Commissioner Inland Revenue (ACIR) justifying the non-applicability of serial numbers 13, 19 and 38 of schedule to the ICTO to the NIBAF. However, the ACIR maintained the tax department's view and ordered the compulsory registration of the NIBAF with immediate effect through its order dated February 19, 2016.

Moreover, the NIBAF received a show cause notice on March 10, 2016 for filing the tax returns for the period from July 2015 to December 2015 and payment of the due amount of sales tax on services. Subsequently, the department passed the order on April 11, 2016, with following details:

- a) Imposition of sales tax amounting to Rs.13,675,649; and
- b) Imposition of a penalty under section 33(1) of the Sales Tax Act, 1990 for non-filing amounting to Rs.35,000 along with default surcharge and penalty under section 33(5) of the Sales Tax Act, 1990.

During the year 2017, the NIBAF filed an appeal before the Commissioner Inland Revenue Appeals II (CIRA) challenging the compulsory registration of NIBAF done by the department vide its order dated February 19, 2016. This appeal was disposed of by the CIRA on February 9, 2017 because it was not maintainable under the law (as it was outside its jurisdiction) and the case could now be taken to the Honourable Islamabad High Court. Consequently, the NIBAF filed writ petition against the above orders before the Honourable Islamabad High Court (IHC).

IHC passed an order dated January 29, 2018 and directed CIRA to decide the representation of the NIBAF expeditiously (preferably within 7 days) after affording an opportunity of being heard. NIBAF filed applications to CIRA for compliance with IHC order. On March 12, 2018, representatives of NIBAF attended a hearing before the tax department and made oral and written submission. On April 02, 2018, Deputy commissioner Inland Revenue passed an order rejecting Company's application for de-registration and passed an order for compulsory registration of NIBAF.

During the year 2021, NIBAF received notice dated January 19, 2021 passed by ACIR for recovery of sales tax adjudged via Order-in-Original No 02/2016 dated April 11, 2016. A reply was sent from the NIBAF's management to the ACIR contesting the non-empowerment of ACIR to enforce, collect sales tax and recovery against NIBAF as Institute is of the view that it was outside lawful jurisdiction of ACIR. Further, NIBAF's filed writ petition dated February 24, 2021 against the above orders before the Honourable Islamabad High Court (IHC) and matter is pending for adjudication before the Honourable Islamabad High Court.

NIBAF, based on the advice of its legal counsel, is of the view that the NIBAF has valid grounds and there are fair chances of success before the Honourable Islamabad High Court. Accordingly, no provision has been recognised in these consolidated financial statements.

36.1.3 Pakistan Security Printing Corporation (Private) Limited- (PSPC)

- a) PSPC is defending certain cases filed by its ex-employees on account of their reinstatement in the PSPC and compensation for loss of their jobs. Management considers that the probability of any significant liability arising from such cases is remote.
- b) In the previous years, certain income tax demands were raised for amount of Rs 34.9 million. PSPC, having paid the aforesaid demand of Rs 34.9 million, had filed appeals before the Commissioner of Inland Revenue (Appeals) [CIR(A)] which were decided against PSPC. PSPC further filed appeal before the Appellate Tribunal Inland Revenue [ATIR] which vide order dated June 29, 2015 partially upheld the action of the Additional Commissioner Inland Revenue [ACIR] for amending the aforesaid assessments. PSPC, being aggrieved of the matters decided in favour of the tax authorities, filed miscellaneous application before ATIR, which were dismissed by the ATIR. A reference before the High Court of Sindh has been filed by PSPC, the adjudication of which is pending to date.

The management is continuing with its view that the demand will eventually be revoked and the amount paid will be refunded / adjusted in favour of PSPC. Therefore no provision has been made in these consolidated financial statements.

- c) In the previous year, the tax demands aggregating Rs 515.487 million relating to PSPC's tax years 2013 to 2018 were raised. In relation to the tax year 2017 a rectification application was filed as a result of which the aggregate tax demand was reduced to Rs 343.240 million. Simultaneously, appeals before the CIR(A) were filed which were partially decided in favour of PSPC vide orders dated January 28, 2019 (for tax years 2013 to 2017) and August 6, 2019 (for tax year 2018) thus further reducing the tax demand to Rs 206.772 million mainly on account of apportionment of expenses and disallowance of credit claimed on sales.

Being aggrieved, PSPC has filed appeals before the ATIR for tax years 2013 to 2017 which are pending for adjudication, while appeal for tax year 2018 shall be filed in due course. PSPC has also filed application to the Deputy Commissioner Inland Revenue (DCIR) for giving appeal effect of the aforementioned CIR(A) order.

The management, based on the advice of tax experts, expects a favourable outcome of the aforementioned matters and therefore no provision has been made in these consolidated financial statements.

36.1.4 Contingencies of the associate - Security Papers Limited (SPL)

There are aggregate tax contingencies as at June 30, 2022 amounting to Rs 102.560 million in respect of various matters of sales tax and income tax whereby SPL is contesting before various authorities and associated company, expects a favourable outcome of the matters and therefore no provision has been made in these consolidated financial statements.

36.1.5 Contingencies of the associate - SICPA Inks Pakistan Private Limited

The Deputy Commissioner Inland Revenue (DCIR) has passed an order dated December 31, 2020 on account for short-deduction of sales tax creating demand of Rs. 45.497 million for the period of January 1, 2016 to December 31, 2016. SICPA has filed an appeal dated February 09, 2021 against the aforesaid order with Commissioner Inland Revenue - Appeals (CIR-A), which is pending adjudication.

In this regard, SICPA obtained stay order before CIR-A. The management, in consultation with its tax advisor, is confident that the matter will eventually be decided in favour of the Company. therefore, no provision has been made in these consolidated financial statements.

	2022	2021
	----- (Rupees in '000) -----	
36.2 Commitments		
36.2.1 Foreign currency forward and swap contracts - sale	871,788,635	865,057,133
36.2.2 Foreign currency forward and swap contracts - purchase	281,736,616	98,341,540
36.2.3 Futures - sale	22,878,077	14,096,256
36.2.4 Futures - purchase	10,540,096	13,678,234

	Note	2022	2021
		----- (Rupees in '000) -----	
36.2.5 Capital commitments	36.2.5.1	1,648,249	2,694,087

36.2.5.1 This represent amounts committed by the Group to purchase assets from successful bidders.

36.2.6	Letter of guarantee / credit	<u><u>860,860</u></u>	<u><u>527,596</u></u>
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36.2.7 As at June 30, 2022, PSPC has letter of guarantee facility from Bank Al Habib Limited against hypothecation charge over SBP receivables.

36.2.8 The Bank has a commitment to extend equivalent PKR of CNY 30,000 million (Rs. 917,991 million) (2021: PKR of CNY 30,000 million (Rs. 731,730 million)) to People's Bank of China under bilateral currency swap agreement as disclosed in note 26 to these consolidated financial statements.

36.2.9 Commitment of the associate - Security Papers Limited

The SPL has car ijarah facility from the Meezan Bank Limited amounting to Rs. 50 million (2021: Rs. 50 million) out of which Rs. 4.707 million (2021: Rs. 2.472 million) were utilised. The ownership of the cars are with Meezan Bank Limited during the tenor of the facility of each vehicle.

36.2.10 Import letter of credit (sight / usance)

SPL has facilities from the National Bank of Pakistan relating to import letters of credit (sight/ usance) amounting to Rs. 100 million (2021: Rs. 100 million). The arrangement from National Bank of Pakistan is secured by lien on documents of title of goods drawn under letter of credit. The SPL has utilised Rs. Nil as at June 30, 2022.

SPL has facilities from the Bank Al Habib Limited (BAHL) relating to import letters of credit (sight /usance) amounting to Rs. 100 million (2021: Rs. 100 million). Besides, Rs 100 million (2021: Rs. 100 million) may also be used for import letter of credit as sub limit of running finance facility. The arrangement from BAHL is secured by lien over T-Bills and PIBs of Rs. 400 million, import documents consigned in favour of BAHL and counter guarantees. SPL has utilised Rs. 148 million as at June 30, 2022.

The Musharka facility from Meezan Bank Limited is available which can also be used for import letter of credit (sight / usance) amounting to Rs. 200 million. This arrangement is secured by lien over import documents. SPL has utilised Rs. 97.375 million as at June 30, 2022.

	Note	2022 ----- (Rupees in '000) -----	2021
37	DISCOUNT, INTEREST / MARK-UP AND / OR PROFIT EARNED ON FINANCIAL ASSETS		
	<i>At amortised cost</i>		
Discount, interest / mark-up on government transactions:			
- Government securities	37.1	675,524,194	637,110,146
- Federal Government scrips		82,200	82,200
- Loans and advances to and current accounts of governments	37.2	5,940,785	160,968
Securities purchased under agreement to resale		262,780,990	90,251,465
Interest income on preference shares		4,219,707	4,224,427
Return on loans and advances to financial institutions		21,587,905	17,891,910
Foreign currency deposits		10,176,679	5,520,016
Profit on Sukuks purchased under Bai Muajjal agreement		-	-
Others		240,330	346,454
		<u><u>980,552,790</u></u>	<u><u>755,587,586</u></u>
	<i>Fair value through profit or loss</i>		
Foreign currency securities		<u><u>15,764,901</u></u>	<u><u>12,790,878</u></u>

37.1 This represents income earned on Market Treasury Bills and Pakistan Investment Bonds.

		2022 (% per annum)	2021
37.2	Interest profile on loans and advances to facilities are as under:		
	Mark-up on facility	7.53 to 11.05	6.95 to 7.63
	Additional mark-up (where ways and means facility limit is exceeded)	4	4
		Note	
38	INTEREST / MARK-UP EXPENSE	2022 ----- (Rupees in '000) -----	2021
	Deposits	12,227,538	16,511,666
	Interest on bilateral currency swap	36,325,168	26,106,579
	Interest on special drawing rights	7,506,717	7,832,939
	Securities sold under agreement to repurchase	2,954,745	692,576
	Profit on Sukuks purchased under Bai Muajjal agreement	-	1,379,185
	Charges on allocation of special drawing rights of the IMF	1,580,638	170,572
	Others	1,343	1,853
		<u>60,596,149</u>	<u>52,695,370</u>
39	COMMISSION INCOME		
	Market Treasury Bills	39.1 3,041,829	2,631,619
	Management of public debts	39.1 3,079,218	2,049,433
	Prize bonds and national saving certificates	39.1 567,267	560,242
	Draft / payment orders	1,205	3,395
	Others	75	64
		<u>6,689,594</u>	<u>5,244,753</u>
39.1	These represent commission income earned from services provided to the Federal Government.		
40	EXCHANGE (LOSS) / GAIN - NET	2022 ----- (Rupees in '000) -----	2021
	(Loss) / gain on:		
	- foreign currency placements, deposits, securities and other accounts - net	39,930,353	107,397,198
	- IMF fund facilities	-114,990,336	21,336,916
	- Special drawing rights of the IMF	13,242,063	6,615,053
	Others	(205,162)	(21,394)
		<u>(62,023,082)</u>	<u>135,327,773</u>
41	SHARE OF PROFIT FROM ASSOCIATES		
	Security Papers Limited	351,975	601,511
	SICPA Inks Pakistan (Private) Limited	410,702	736,350
		<u>762,677</u>	<u>1,337,861</u>
42	OTHER OPERATING (LOSS) / GAIN - NET		
	Penalties levied on banks and financial institutions	3,549,211	2,063,128
	License / credit Information Bureau fee recovered	1,143,402	1,103,429
	(Loss) / gain on disposal of investments - net:		
	- local - at fair value through profit or loss	2,878	44,525
	- foreign - at fair value through profit or loss	-1,992,045	1,214,874
		<u>(1,989,167)</u>	<u>1,259,399</u>
	Loss on remeasurement of securities		
	at fair value through profit or loss	(12,433,427)	-2,194,993
	Gain on sale of Prize Bonds to Government of Pakistan	453,265	1,104,512
	Others	514,640	336,379
		<u>(8,762,076)</u>	<u>3,671,854</u>

	Note	2022 ----- (Rupees in '000) -----	2021
43 OTHER INCOME - NET			
Gain on disposal of property, plant and equipment		5,057	5,596
Liabilities and provisions written back - net		5,009,239	31,269
Grant income under foreign assistance program		82,618	58,870
Reversal of Provision of stamp duty		105,955	-
Fair value gain on investment property	20	85,120	5,239
Others		201,849	294,548
		<u>5,489,838</u>	<u>395,522</u>
44 BANKNOTES' AND PRIZE BOND PRINTING CHARGES			
Raw material			
Opening stock		1,249,825	1,548,374
Purchases including in transit		12,860,974	13,193,548
Closing stock		<u>(2,303,281)</u>	<u>(1,249,825)</u>
		11,807,518	13,492,097
Salaries, wages and other benefits		690,794	795,566
Pension		310,618	304,228
Outsourced services		262,795	326,030
Training		2,938	317
Stores and spares		770,016	827,271
Fuel and power		154,452	142,302
Insurance		35,712	28,943
Depreciation	19.3	307,069	264,180
Provision for obsolete stores and spares - net		7,882	4,128
Provision for slow moving and obsolete stock-in-trade - net		15,933	-
Amortisation of packing boxes		63,629	33,984
Repairs and maintenance		80,658	62,050
Others		8,215	5,168
		2,710,711	2,794,167
Manufacturing cost		<u>14,518,229</u>	<u>16,286,264</u>
Opening work-in-process		2,391,605	2,604,545
Closing work-in-process		<u>(1,347,528)</u>	<u>(2,391,605)</u>
		1,044,077	212,940
Cost of goods manufactured		<u>15,562,306</u>	<u>16,499,204</u>
Opening stock of finished goods		740,038	2,963
Closing stock of finished goods		<u>(826,801)</u>	<u>(740,038)</u>
		(86,763)	(737,075)
		<u>15,475,543</u>	<u>15,762,129</u>
45 AGENCY COMMISSION			
Agency commission is mainly payable to National Bank of Pakistan (NBP) under an agreement for providing banking services to Federal and Provincial Governments as an agent of the Group. Furthermore, certain portion of the agency commission also pertains to Bank of Punjab (BOP), which was appointed as agent of the Group in March 2016, to collect Government of Punjab's taxes and receipts.			

46	GENERAL ADMINISTRATIVE AND OTHER EXPENSES	Note	2022 ----- (Rupees in '000) -----	2021
	Salaries and other benefits		13,916,975	11,277,110
	Retirement benefits and employees' compensated absences	46.1	15,535,584	11,652,075
	Contribution to Employee Staff Welfare Fund		155,483	11,254
	Rent and taxes		90,822	115,174
	Insurance		133,025	89,722
	Electricity, gas and water		703,600	520,802
	Depreciation	19.3	2,406,609	2,162,158
	Amortisation	21.2	52,545	92,233
	Repairs and maintenance		1,081,976	946,077
	Directors' fee		3,534	4,252
	Auditors' remuneration	46.2	28,182	25,441
	Legal and professional		158,658	73,567
	Fund managers / custodian expenses		669,838	310,172
	Travelling expenses		127,905	81,031
	Daily expenses		94,294	59,689
	Fuel		50,789	48,113
	Conveyance		362,926	311,440
	Postages, telegram / telex and telephone		270,906	258,907
	Training		159,495	2,331
	Stationery		59,333	61,867
	Remittance of treasure		224,349	216,223
	Books and newspapers		49,629	45,330
	Advertisement		50,883	21,673
	Uniforms		39,612	32,626
	Board / Board committee expenses		10,116	8,944
	Recruitment charges		22,798	11,589
	Others		1,075,606	880,741
			37,535,472	29,320,541

46.1 This includes an amount relating to defined contribution plan aggregating Rs. 668.560 million (2021: Rs. 698.378 million) and employee compensated absences amounting to Rs. 1,907.023 million (2021: Rs. 1,224.003 million).

46.2 Auditors' remuneration

	2022			2021		
	KPMG	A. F. Ferguson & Co.	Total	KPMG	A. F. Ferguson & Co.	Total
	----- (Rupees in '000) -----					
State Bank of Pakistan						
Audit fee	5,146	5,146	10,292	4,649	4,649	9,298
Out of pocket expenses	859	859	1,718	776	776	1,552
Sindh Sales Tax on services	480	480	960	434	434	868
	6,485	6,485	12,970	5,859	5,859	11,718
SBP Banking Services Corporation						
Audit fee	4,287	4,287	8,574	3,873	3,873	7,746
Out of pocket expenses	1,718	1,718	3,436	1,552	1,552	3,104
Sindh Sales Tax on services	480	480	960	434	434	868
	6,485	6,485	12,970	5,859	5,859	11,718
National Institute of Banking and Finance						
Audit fee	444	-	444	431	-	431
Out of pocket expenses	50	-	50	46	-	46
ICT Sales Tax on services	36	-	36	38	-	38
	530	-	530	515	-	515
Pakistan Security Printing Corporation						
Audit fee	1,358	-	1,358	1,148	-	1,148
Out of pocket expenses	227	-	227	232	-	232
Sindh Sales Tax on services	127	-	127	110	-	110
	1,712	-	1,712	1,490	-	1,490
	15,212	12,970	28,182	13,723	11,718	25,441

46.3 Staff retirement benefits - unfunded (Bank and BSC)

46.3.1 During the year the actuarial valuations of the defined benefit obligations were carried out under the projected unit credit method using the following significant assumptions:

	2022	2021
- discount rate for year end obligation	13.25% p.a	10.00% p.a
- salary increase rate (where applicable)	12% p.a	14.75% p.a
- pension indexation rate (where applicable)	11.25% p.a	8.00% p.a
- medical cost increase rate	13.25% p.a	10.00% p.a
- petrol price increase rate (where applicable)	12% p.a	14.75% p.a
- personnel turnover		
SBP	6.65% p.a	4.36% p.a
- normal retirement age	60 Years	60 Years

Assumptions regarding future mortality are based on actuarial advice in accordance with published statistics and experience in Pakistan. The rates assumed are based on the adjusted SLIC 2001 - 2005 mortality tables with 1 year setback.

46.3.2 Through its unfunded defined benefit plan, the Group is exposed to a number of risks, the most significant of which are detailed below:

Discount rate risk

The risk of changes in discount rate, since discount rate is based on corporate / government bonds, any decrease in bond yields will increase plan liabilities.

Salary increase / inflation risk

The risk that the actual salary increase is higher than the expected salary increase, where benefits are linked with final salary at the time of cessation of service, is likely to have an impact on liability.

Pension Increase

The risk that the actual pension increase is higher than the expected, where benefits are being paid in form of monthly pension, is likely to have an impact on liability.

Mortality risk

The risk that the actual mortality experience is lower than that of expected i.e. the actual life expectancy is longer from assumed.

Withdrawal risk

The risk of actual withdrawals experience may differ from that assumed in the circulation.

46.3.3 Change in present value of defined benefit obligation

	2022					
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan
	(Rupees in '000)					
Present value of defined benefit obligation July 01, 2021	61,250,137	140,720	31,731,805	1,183,375	952,536	-
Current service cost	836,627	11,442	617,445	7,200	59,057	2,275,223
Interest cost on defined benefit obligation	5,722,685	12,663	3,097,782	107,533	90,543	-
Past service cost	-	-	-	-	31,440	-
	6,559,312	24,105	3,715,227	114,733	181,040	2,275,223
Benefits paid	(8,046,586)	(8,992)	(1,507,954)	(216,077)	(94,223)	(153,439)
Remeasurements:						
actuarial (gains) / losses from changes in financial assumptions	1,330,571	12,412	8,251,592	(115,092)	90,017	-
experience adjustments	-	-	-	-	-	-
	1,330,571	12,412	8,251,592	(115,092)	90,017	-
Present value of defined benefit obligation as on June 30, 2022	61,093,434	168,245	42,190,670	966,939	1,129,370	2,121,784
	107,670,442					

	2021					
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan
	(Rupees in '000)					
Present value of defined benefit obligation July 01, 2020	58,584,132	107,503	29,879,378	1,273,383	821,779	-
Current service cost	843,186	13,835	585,838	7,461	56,515	-
Interest cost on defined benefit obligation	5,102,687	9,046	2,701,999	113,560	72,365	-
	5,945,873	22,881	3,287,837	121,021	128,880	-
Benefits paid	(6,839,888)	(232)	(1,337,163)	(91,406)	(78,906)	-
Remeasurements:						
actuarial (gains) / losses from changes in financial assumptions	-	-	-	-	-	-
experience adjustments	3,560,020	10,568	(98,247)	(119,623)	80,783	-
	3,560,020	10,568	(98,247)	(119,623)	80,783	-
Present value of defined benefit obligation as on June 30, 2021	61,250,137	140,720	31,731,805	1,183,375	952,536	-

46.3.3.1 The break-up of remeasurements recognised during the year in the other comprehensive income are as follows:

Remeasurements recognised in the other comprehensive income

	2022					
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan
	(Rupees in '000)					
- Actuarial loss / (gain) from changes in financial assumptions	1,330,571	12,412	8,251,592	(115,092)	90,017	-
- Experience adjustments	-	-	-	-	-	-
	1,330,571	12,412	8,251,592	(115,092)	90,017	-

	2021					
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement benefits	Income Continuation Plan
	(Rupees in '000)					
- Actuarial loss / (gain) from changes in financial assumptions	-	-	-	-	-	-
- Experience adjustments	3,560,020	10,568	(98,247)	(119,623)	80,783	-
	3,560,020	10,568	(98,247)	(119,623)	80,783	-

46.3.4 Amount recognised in the consolidated profit and loss account

	2022					
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan
	(Rupees in '000)					
Current service cost	836,627	11,442	617,445	7,200	59,057	2,275,223
Past service cost (credit)	-	-	-	-	31,440	-
Interest cost on defined benefit obligation	5,722,685	12,663	3,097,782	107,533	90,543	-
	6,559,312	24,105	3,715,227	114,733	181,040	2,275,223

	2021					
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan
	(Rupees in '000)					
Current service cost	843,186	13,835	585,838	7,461	56,515	-
Past service cost (credit)	-	-	-	-	-	-
Interest cost on defined benefit obligation	5,102,687	9,046	2,701,999	113,560	72,365	-
	5,945,873	22,881	3,287,837	121,021	128,880	-

46.3.5 Movement of present value of defined benefit obligation

	2022						
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan	Total
	(Rupees in '000)						
Net recognised liabilities at July 1, 2021	61,250,137	140,720	31,731,805	1,183,375	952,536	-	95,258,573
Amount recognised in the consolidated profit and loss account	6,559,312	24,105	3,715,227	114,733	181,040	2,275,223	12,869,640
Remeasurements	1,330,571	12,412	8,251,592	(115,092)	90,017	-	9,569,500
Benefits paid during the year	(8,046,586)	(8,992)	(1,507,954)	(216,077)	(94,223)	(153,439)	(10,027,271)
Net recognised liabilities at June 30, 2022	61,093,434	168,245	42,190,670	966,939	1,129,370	2,121,784	107,670,442

	2021						
	Pension	Gratuity scheme	Post retirement medical benefits	Benevolent fund scheme	Six months post retirement facility	Income Continuation Plan	Total
	(Rupees in '000)						
Net recognised liabilities at July 1, 2020	58,584,132	107,503	29,879,378	1,273,383	821,779	-	90,666,175
Amount recognised in the consolidated profit and loss account	5,945,873	22,881	3,287,837	121,021	128,880	-	9,506,492
Remeasurements	3,560,020	10,568	(98,247)	(119,623)	80,783	-	3,433,501
Benefits paid during the year	(6,839,888)	(232)	(1,337,163)	(91,406)	(78,906)	-	(8,347,595)
Net recognised liabilities at June 30, 2021	61,250,137	140,720	31,731,805	1,183,375	952,536	-	95,258,573

46.3.6 The sensitivity of the defined benefit obligation to changes in the weighted principal assumptions is:

Impact on defined benefit obligation - increase / (decrease)			
Change in assumption	Increase in assumption	Decrease in assumption	
(Rupees in '000)			
Pension			
Discount rate	1%	(4,373,146)	5,064,262
Future salary increase	1%	1,272,343	(1,192,121)
Future pension increase	1%	5,655,151	(3,309,970)
Expected mortality rates	1 Year	941,101	(850,006)
Gratuity			
Discount rate	1%	(10,743)	12,026
Future salary increase	1%	12,188	(11,092)
Post retirement medical benefit scheme			
Discount rate	1%	(4,541,888)	5,505,546
Future post-retirement medical cost increase	1%	5,491,973	(4,535,547)
Expected mortality rates	1 Year	503,696	(451,556)
Benevolent			
Discount rate	1%	(35,722)	39,082
Six months post retirement facility			
Discount rate	1%	(68,003)	75,633
Future salary increase	1%	77,217	(70,745)
Income Continuation Plan			
Discount Rate	1%	(184,947)	215,698
Future Salary Increase	1%	174,983	(154,311)
Expected mortality rates	1 Year	100,052	(100,719)

The above sensitivity analysis is based on a change in an assumption while holding all other assumptions constant. When calculating the sensitivity of the defined benefit obligation to significant actuarial assumptions, the same method (present value of the defined benefit obligation calculated with the projected unit credit method at the end of the reporting period) has been applied as when calculating the liability of all schemes recognised within the consolidated balance sheet.

46.3.7 Duration of defined benefit obligation

	Pension	Gratuity scheme	Post retirement medical benefit	Benevolent fund scheme	Income continuation plan	Six months post retirement facility
Weighted average duration of the defined benefit obligation	7-8.25 years	0.63-8 Years	11-12.13 Years	3.49-5 Years	3.93-7 Years	8-11.27 years

46.3.8 Estimated expenses to be charged to the consolidated profit and loss account for the year ending June 30, 2023

Based on the actuarial advice, the management estimates that charge in respect of defined benefit plans for the year ending June 30, 2023 would be as follows:

	Pension	Gratuity scheme	Post retirement medical benefit	Benevolent fund scheme	Six months post retirement facility	Income continuation plan	Total
	(Rupees in '000)						
Current service cost	811,714	8,754	753,054	6,680	60,288	-	1,640,490
Interest cost on defined benefit obligation	6,996,336	12,698	4,991,052	120,938	96,707	110,122	12,327,853
Past Service cost	-	-	-	-	28,475	-	28,475
Amount chargeable to the consolidated profit and loss account	<u>7,808,050</u>	<u>21,452</u>	<u>5,744,106</u>	<u>127,618</u>	<u>185,470</u>	<u>110,122</u>	<u>13,996,818</u>

46.3.9 Employees' compensated absences

The Group's liability for employees' compensated absences determined through an actuarial valuation carried out under the Projected unit credit method amounted to Rs. 11,132.109 million (2021: Rs. 10,287.632 million). An amount of Rs. 1,907.023 million (2021: Rs. 1,224.003 million) has been charged to the consolidated profit and loss account in the current period based on the actuarial advice. Expected charge in respect of the scheme for the year ending June 30, 2023 would be Rs 2,177.449 million. The benefits paid during the year amounted to Rs. 1,143.400 million (2021: Rs 798.62 million). In case of 1% increase / decrease in discount rate the net charge for the year would decrease / increase by Rs. 537.337 million and Rs. 595.895 million respectively and the net liability would also be affected by the same amount. In case of 1% increase / decrease in salary rate the net charge for the year would increase / decrease by Rs. 619.315 million and Rs. 569.719 million respectively and the net liability would also be affected by the same amount. The weighted average duration for the liability against employee's compensated absences is 4-6 years.

46.4 Staff retirement benefits-funded (PSPC)

46.4.1 During the year, the actuarial valuations of the defined benefit obligations were carried out under the Projected Unit Credit Method using the following significant assumptions:

	2022	2021
- Discount rate	13.25% p.a	10.25% p.a
- Salary increase rate	11.5% p.a	9.25% p.a
- Pension increase rate	5.25% p.a	4.75% p.a

Assumptions regarding future mortality are based on actuarial advice in accordance with published statistics and experience in Pakistan. The rates assumed are based on the adjusted SLIC 2001 - 2005 mortality tables with 1 year setback.

46.4.2 Through its funded defined benefit plan, the Group is exposed to a number of risks, the most significant of which are detailed below:

Asset volatility

The plan liabilities are calculated using a discount rate set with reference to corporate bond yields; if plan assets underperform this yield, this will create a deficit. The fund believes that due to long-term nature of the plan liabilities and the strength of the PSPC's support, the current investment strategy manages this risk adequately.

Inflation risk

The majority of the plan's benefit obligations are linked to inflation and higher inflation will lead to higher liabilities. However, the fund manages plan assets to off set inflationary impacts.

Life expectancy / withdrawal rate

The majority of the plan's obligations are to provide benefits on severance with the PSPC or on achieving retirement. Any change in life expectancy / withdrawal rate would impact plan liabilities.

	2022	2021
	----- (Rupees in '000) -----	
46.4.3 Amounts recognised in the consolidated balance sheet are determined as follows:		
Present value of defined benefit obligation	5,283,310	6,270,768
Fair value of plan assets	(842,337)	(1,243,554)
	<u>4,440,973</u>	<u>5,027,214</u>
46.4.4 Movement of present value of defined benefit obligation and fair value of plan assets		
Movement in defined benefit obligation		
Present value at reporting date	6,270,768	6,262,360
Current service cost	59,958	56,393
Interest cost of defined benefit obligation	622,771	565,526
Benefits paid during the year	(389,912)	(297,140)
Past service cost	-	13,937
Actuarial remeasurement gain	(1,280,275)	(330,308)
Present value as at June 30	<u>5,283,310</u>	<u>6,270,768</u>
Movement in fair value of plan assets		
Fair value as reporting date	1,243,554	1,286,544
Expected return on plan assets	110,747	108,426
Contribution made by employer	63,727	68,404
Benefits paid during the year	(389,912)	(297,140)
Actuarial remeasurement loss / (gain)	(185,779)	77,320
Fair value as reporting date at June 30	<u>842,337</u>	<u>1,243,554</u>
46.4.5 Plan assets consist of the following:		
	2022 (Rupees in '000)	%
Equity instruments	510,710	43.05
Debt instruments	666,753	56.21
Cash and cash equivalent	8,811	0.74
	<u>1,186,274</u>	<u>100.00</u>
Less: Pertaining to NSPC (being the multi employer fund)	<u>(343,937)</u>	<u>(370,470)</u>
	<u>842,337</u>	<u>1,243,554</u>
46.4.6 Amount recognised in the consolidated profit and loss account		
	2022	2021
	----- (Rupees in '000) -----	
Current service cost	59,958	56,393
Past service cost	-	13,937
Net interest cost on defined benefit obligation	512,024	457,100
	<u>571,982</u>	<u>527,430</u>
46.4.7 Amount recognised in "other comprehensive income"		
Remeasurement gain on obligation		
Actuarial gains from changes in financial assumptions	(1,280,275)	(330,308)
Remeasurement loss / (gain) on plan assets		
Actual net loss / (gain) on plan assets	185,779	(77,320)
	<u>(1,094,496)</u>	<u>(407,628)</u>
Share of other comprehensive income of associate	<u>(1,036)</u>	<u>(4,726)</u>

46.4.8 The sensitivity of the defined benefit obligation to changes in the weighted principal assumptions is:

	Impact on defined benefit obligation - increase / (decrease)		
	Change in assumption	Increase in assumption	Decrease in assumption
	----- (Rupees in '000) -----		
Pension			
Discount rate	1%	(418,796)	488,610
Salary growth rate	1%	127,438	(118,553)
Pension indexation rate	1%	393,863	(343,966)

The above sensitivity analysis are based on a change in an assumption while holding all other assumptions constant. When calculating the sensitivity of the defined benefit obligation to significant actuarial assumptions the same method (present value of the defined benefit obligation calculated with the projected unit credit method at the end of the reporting period) has been applied as when calculating the liability of all schemes recognised within the consolidated balance sheet.

46.4.9 Duration of defined benefit obligation

Pension

Weighted average duration of defined benefit obligation

8.92 years

46.4.10 Estimated expenses to be charged to consolidated profit and loss account for the year ending June 30, 2023

Based on the actuarial advice, the management estimates that charge in respect of defined benefit plans for the year ending June 30, 2023 would be Rs. 637.226 million.

47 CHARGE / (REVERSAL) OF CREDIT LOSS ALLOWANCE ON FINANCIAL INSTRUMENTS - NET

The following table reconciles the expected credit losses allowance for the year ended June 30, 2022 by classes of financial instruments:

2022					
Foreign currency accounts and investments	Investments - local	Loans, advances and bills of exchange	Current accounts of governments	Securities purchased under agreement to resell	Total
(Rupees in '000)					
As at June 30, 2021	16,561	39,478	2,151,911	6	2,207,956
(Reversal) / charge during the year	(12,396)	-	5,556	8,726	1,886
As at June 30, 2022	<u>4,165</u>	<u>39,478</u>	<u>2,157,467</u>	<u>8,732</u>	<u>2,209,842</u>

2021					
Foreign currency accounts and investments	Investments - Local	Loans, advances and bills of exchange	Current accounts of governments	Securities purchased under agreement to resell	Total
(Rupees in '000)					
As at June 30, 2020	88	78,953	2,192,861	7	2,271,909
Charge / (reversal) during the year	16,473	(39,475)	(40,950)	(1)	(63,953)
As at June 30, 2021	<u>16,561</u>	<u>39,478</u>	<u>2,151,911</u>	<u>6</u>	<u>2,207,956</u>

48 TAXATION

	2022	2021
	----- (Rupees in '000) -----	
Current - for the year	1,257,255	994,193
Current - prior year	169,790	56,446
Deferred	3,870	264,085
	<u>1,430,915</u>	<u>1,314,724</u>

49	PROFIT FOR THE YEAR AFTER NON-CASH ITEMS AND OTHER ITEMS	Note	2022 ----- (Rupees in '000) -----	2021
	Profit before taxation		750,855,463	762,173,524
	Adjustments for:			
	Depreciation	19.3	2,728,056	2,438,495
	Amortisation	21.2	52,545	92,233
	Reversal of charge of credit loss on financial instruments		(6,929)	(24,497)
	Provision / (reversal) for / write-off:			
	- retirement benefits and employees' compensated absences		15,535,584	11,652,075
	- other doubtful assets	31.3.1.1	376,377	(24,621)
	- others		(363)	1,111
	Gain on disposal of property, plant and equipment	43	(5,057)	(5,596)
	Gain on disposal of financial assets	42	1,989,167	(1,259,399)
	Loss on remeasurement of securities		12,427,297	2,195,821
	Dividend income		(636,129)	(520,498)
	Effect of exchange gain on assets and liabilities		49,595,785	(137,523,594)
	Profit from associate and other non-cash adjustments		(762,677)	(1,337,861)
			<u>832,149,119</u>	<u>637,857,193</u>
50	CASH AND CASH EQUIVALENTS			
	Cash and bank balances	6	197,518	501,584
	Local currency - coins	8	406,368	417,574
	Foreign currency accounts and investments having maturity of less than 3 months	9	1,988,189,538	2,256,103,258
	Earmarked foreign currency balances	10	24,050,690	20,707,900
	Special Drawing Rights of the International Monetary Fund	11	43,460,776	60,771,006
			<u>2,056,304,890</u>	<u>2,338,501,322</u>

51 RELATED PARTY TRANSACTIONS

The Group enters into transactions with related parties in its normal course of business. Related parties include the Federal Government as major shareholder of the Group, Provincial Governments, Government of Azad Jammu and Kashmir, Gilgit-Baltistan Administration Authority, government controlled enterprises / entities, other related entities, retirement benefit plans, directors and key management personnel of the Group.

51.1 Governments and related entities

The Bank is acting as an agent of the Federal Government and is responsible for functions conferred upon as disclosed in note 1 to these consolidated financial statements. Balances outstanding from and transactions with the Federal and Provincial Governments and related entities not disclosed elsewhere in the consolidated financial statements are given below:

	2022 ----- Rupees in '000 -----	2021
Transactions during the year		
- Creation of PIBs	<u>43,711,253</u>	-
- Retirement of PIBs	<u>569,000,000</u>	569,000,000
- IMF on-lent to Government of Pakistan (GoP)	<u>474,938,820</u>	-
- Commission income from sale of Market Treasury Bills, issuance of prize bonds, National Saving Certificates and management of public debt (refer note 39.1)		

51.2 Remuneration to key management personnel

Key management personnel of the Group include members of the Board of Directors of the Group, Governor of the Bank, Deputy Governors of the Bank and other executives of the Group who have responsibility for planning, directing and controlling the activities of the Group. Fee of the non-executive members of the Board of Directors is determined by the Board. The Governor of the Bank is appointed by the President of Pakistan, whereas the Deputy Governors are appointed by the Federal Government. Further in accordance with section 14A of the State Bank of Pakistan Act, 1956 the remuneration of Governor, Deputy Governors is determined by the Board of Directors of the Group. Details of remuneration of key management personnel of the Group are as follows:

	2022	2021
	----- (Rupees in '000) -----	
Short-term employee benefit	1,075,053	1,185,106
Post-employment benefit	320,399	199,451
Loans disbursed during the year	108,772	74,768
Loans repaid during the year	173,849	115,298
Disposal of vehicle during the year	5,501	1,699
Directors' fees	13,474	13,417
Number of key management personnel *	130	122

* This includes 101 (2021: 95) key management personnel pertaining to subsidiaries of the Group.

Short-term benefits include salary and benefits, medical benefits and free use of the Group maintained cars in accordance with their entitlements. Post employment benefits include gratuity, pension, benevolent fund, post retirement medical benefits, six months post retirement facility and contributory provident funds.

51.3 Associated undertakings of the Group

51.3.1 SICPA Inks Pakistan (Private) Limited (SICPA) - associated undertaking

SICPA is a joint venture of SICPA SA, Switzerland and PSPC, incorporated in 1995. The company operates a facility in Karachi for manufacturing security inks for printing of all denominations of currency notes and other value documents, such as, passports, postage stamps and stamp papers, etc.

51.3.2 Security Papers Limited (SPL) - associated undertaking

SPL is an associated company of PSPC. It was established in 1965. It became a joint venture company of Iran, Turkey and Pakistan in 1967, under the protocol of regional PSPC of development (now economic PSPC organisation) in 1967. SPL is engaged in manufacturing of paper required by PSPC for printing banknotes, prize bonds, non-judicial stamp paper, share certificates and watermarked certificate / degree papers for various educational institutions of Pakistan.

52 RISK MANAGEMENT POLICIES

The Group is primarily subject to interest / mark-up rate, credit, currency and liquidity risks. The policies and procedures for managing these risks are outlined in notes 52.1 to 52.9 to these consolidated financial statements. The Group has designed and implemented a framework of controls to identify, monitor and manage these risks. The senior management is responsible for advising the Governor on the monitoring and management of these risks.

52.1 Credit risk management

Credit risk is the risk that one party to a financial instrument will fail to discharge an obligation and cause the other party to incur a financial loss. Credit risk in the Group's portfolio is monitored, reviewed and analysed by the appropriate officials and the exposure is controlled through counterparty and credit limits. Counterparties are allocated to a particular class based mainly on their credit rating. Foreign currency placements are made in approved currencies and government securities. Loans and advances to scheduled banks and financial institutions are usually secured either by government guarantees or by demand promissory notes. Equity exposure based on their nature are not exposed to credit risk. Geographical exposures are controlled by country limits and are updated as and when necessary with all limits formally reviewed on a periodic basis. The Group's exposure to credit risk associated with foreign investments is managed by monitoring compliance with investment limits for counterparties. The Group's credit risk mainly lies with exposure towards government sector and financial institutions.

52.1.1 Derivative financial instruments

Credit risk arising from derivative financial instruments is, at any time, limited to those with positive fair values, as recorded on the consolidated balance sheet.

52.1.2 Impairment assessment

The references below show where the Group's impairment assessment and measurement approach is set out in these consolidated financial statements. It should be read in conjunction with the summary of significant accounting policies.

52.1.3 Definition of default

The Group defines a financial instrument as in default when the financial asset is credit - impaired and meets one or more of the following criteria:

Quantitative criteria

The borrower is more than 90 days past due on its contractual payments are considered default by the Group.

Qualitative criteria

- a breach of contract, such as default or past due event;
- the lenders of the counterparty have granted a concession to the counterparty for economic or contractual reasons;
- relating to the counterparty's financial difficulty that the lender would not otherwise consider;
- the likelihood or probability that the counterparty will enter bankruptcy or other financial reorganisation; or
- the dissolution of an active market for that financial asset due to financial difficulties.

52.1.4 Credit rating and PD estimation process

The Group PD estimation process is based on the probability of default assigned to each counterparty according to their external credit ratings and the related historical credit losses experience, adjusted for forward-looking information.

Internal rating	2022 12 month PD	2021 12 month PD	External Rating
Performing			
High grade	0.0000%	0.0000%	Sovereign
High grade	0.0000%-0.0318%	0.0000%-0.0318%	AAA
High grade	0.0318%-0.0751%	0.0318%-0.0751%	AA+ to AA-
High grade	0.0751%-0.2334%	0.0751%-0.2334%	A+ to A-
Standard grade	0.2334%-0.5574%	0.2334%-0.5574%	BBB+ to BBB-
Standard grade	0.5574%-1.3393%	0.5574%-1.3393%	BB+ to BB-
Standard grade	1.3393%-3.3597%	1.3393%-3.3597%	B+ to B-
Rating below standard	3.3597%-9.6562%	3.3597%-9.6562%	CCC+ to CCC-
Rating below standard	9.6562%-100%	9.6562%-100%	CC
Non performing			
Individually impaired	100%	100%	

52.1.5 Exposure at default

The exposure at default (EAD) represents the gross carrying amount of the financial instruments subject to the impairment calculation, addressing both the client's ability to increase its exposure while approaching default and potential early repayments too. To calculate the EAD for a stage 1 financial instruments, the Group assesses the possible default events within 12 months for the calculation of the 12 months ECL. For stage 2 and stage 3 the exposure at default is considered for events over the lifetime of the instruments. The Group determines EAD by modelling the range of possible exposure outcomes at various points in time, corresponding the multiple scenarios. PDs are then assigned to each economic scenario based on the outcome of the Group's models.

52.1.6 Loss given default

Loss given default represents the Group's expectation of the extent of loss on a defaulted exposure. LGD varies by type of counterparty, type and seniority of claim and availability of collateral or other credit support.

52.1.7 Significant increase in credit risk

The Group considers a financial asset to have experienced a significant increase in credit risk when:

- credit rating falls below investment grade in case of investments made in financial assets, or
- the contractual payments are 30 days past due.

52.1.8 Collateral and other credit enhancements

To mitigate its credit risks on financial assets, the Group seeks to use collateral, where possible. The collateral comes in various forms, such as cash, securities, letters of credit / guarantees and demand promissory notes. The collaterals held against financials assets of the Group have been disclosed in their respective notes, where applicable.

52.2 Concentrations of risk

Concentration risk arises when a number of counterparties are engaged in similar business activities or have similar economic features that would cause their ability to meet contractual obligations to be similarly effected by changes in economic, political or other conditions. The Group's significant concentrations arising from financial instruments at the reporting date without taking any collateral held or other credit enhancements is shown below:

52.2.1 Geographical analysis

2022						
Pakistan	Asia (other than Pakistan)	America	Europe	Australia	Others	Grand total
(Rupees in '000)						
Financial assets						
Cash and bank balances	197,518	-	-	-	-	197,518
Local currency - coins	406,368	-	-	-	-	406,368
Foreign currency accounts and investments	665	628,696,654	1,024,584,413	522,484,256	7,121	2,178,254,073
Earmarked foreign currency balance	24,050,690	-	-	-	-	24,050,690
Special drawing rights of International Monetary Fund	-	-	43,460,776	-	-	43,460,776
Reserve tranche with the International Monetary Fund under quota arrangements	-	-	32,857	-	-	32,857
Securities purchased under agreement to resell	4,518,609,584	-	-	-	-	4,518,609,584
Investments - local	6,358,222,702	-	-	-	-	6,358,222,702
Loans, advances and bills of exchange	2,081,734,830	787,295	-	-	-	2,082,522,125
Assets held with the Reserve Bank of India	-	2,315,977	-	-	-	2,315,977
Balances due from the Governments of India and Bangladesh	-	15,107,201	-	-	-	15,107,201
Other assets	24,953,329	12,377,704	599,346	-	-	37,930,379
Total financial assets	13,008,175,686	659,284,831	1,068,677,392	522,484,256	7,121	15,261,110,250
2021						
Pakistan	Asia (other than Pakistan)	America	Europe	Australia	Others	Grand total
(Rupees in '000)						
Financial assets						
Cash and bank balances held by subsidiaries	501,584	-	-	-	-	501,584
Local currency - coins	417,574	-	-	-	-	417,574
Foreign currency accounts and investments	-	1,481,590,684	530,135,244	847,112,678	6,206	2,858,844,812
Earmarked foreign currency balance	20,707,900	-	-	-	-	20,707,900
Special drawing rights of International Monetary Fund	-	-	60,771,006	-	-	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	-	-	26,727	-	-	26,727
Securities purchased under agreement to resell	1,792,952,119	-	-	-	-	1,792,952,119
Current accounts of governments	33,793,930	-	-	-	-	33,793,930
Investments - local	6,857,412,223	-	-	-	-	6,857,412,223
Loans, advances and bills of exchange	1,190,157,295	837,832	-	-	-	1,190,995,127
Assets held with the Reserve Bank of India	-	1,939,592	-	-	-	1,939,592
Balances due from the Governments of India and Bangladesh	-	14,087,874	-	-	-	14,087,874
Other assets	20,983,757	9,115,950	5,122	-	-	30,104,829
Total financial assets	9,916,926,382	1,507,571,932	590,938,099	847,112,678	6,206	12,862,555,297

The geographical analysis is based on composition of financial assets in the specific continents other than for Pakistan which has been disclosed separately. All continents having significant composition have been presented separately while the remaining have been clubbed under "Others".

52.2.2 Industrial analysis

2022						
Sovereign	Supra-national	Public sector entities	Corporate	Banks & financial institutions	Others	Grand total
(Rupees in '000)						
Financial assets						
Cash and bank balances held by subsidiaries	41,940	-	-	155,578	-	197,518
Local currency - coins	406,368	-	-	-	-	406,368
Foreign currency accounts and investments	765,774,539	523,686,416	-	888,793,118	-	2,178,254,073
Earmarked foreign currency balance	24,050,690	-	-	-	-	24,050,690
Special drawing rights of International Monetary Fund	-	43,460,776	-	-	-	43,460,776
Reserve tranche with the International Monetary Fund under quota arrangements	-	32,857	-	-	-	32,857
Securities purchased under agreement to resell	11,925,391	-	-	4,506,684,193	-	4,518,609,584
Current accounts of governments	-	-	-	-	-	-
Investments - local	6,200,248,267	-	106,659,082	51,315,353	-	6,358,222,702
Loans, advances and bills of exchange	539,503,400	-	159,992,571	1,356,621,959	26,404,195	2,082,522,125
Assets held with the Reserve Bank of India	2,315,977	-	-	-	-	2,315,977
Balances due from the Governments of India and Bangladesh	15,107,201	-	-	-	-	15,107,201
Other assets	33,248,344	402,192	273,187	2,392,465	1,614,191	37,930,379
Total financial assets	7,592,622,117	567,582,241	266,924,840	6,805,962,666	28,018,386	15,261,110,250

2021						
Sovereign	Supra-national	Public sector entities	Corporate	Banks & financial institutions	Others	Grand total
(Rupees in '000)						
Financial assets						
Cash and bank balances held by subsidiaries	35,693	-	-	465,891	-	501,584
Local currency - coins	417,574	-	-	-	-	417,574
Foreign currency accounts and investments	1,241,132,015	1,039,686,758	-	578,026,039	-	2,858,844,812
Earmarked foreign currency balance	20,707,900	-	-	-	-	20,707,900
Special drawing rights of International Monetary Fund	-	60,771,006	-	-	-	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	-	26,727	-	-	-	26,727
Securities purchased under agreement to resell	-	-	-	1,792,952,119	-	1,792,952,119
Current accounts of governments	33,793,930	-	-	-	-	33,793,930
Investments - local	6,685,409,338	-	130,487,113	41,515,772	-	6,857,412,223
Loans, advances and bills of exchange	837,832	-	104,524,714	1,060,667,763	24,964,818	1,190,995,127
Assets held with the Reserve Bank of India	1,939,592	-	-	-	-	1,939,592
Balances due from the Governments of India and Bangladesh	14,087,874	-	-	-	-	14,087,874
Other assets	11,732,516	5,122	66,745	17,486,469	813,977	30,104,829
Total financial assets	8,010,094,264	1,100,489,613	235,078,572	3,491,114,053	25,778,795	12,862,555,297

52.3 Credit exposure by credit rating

The credit quality of financial assets is managed by the Group using external credit ratings. The table below shows the credit quality by class of assets for all financial assets that are neither past due nor impaired as at the reporting date and are exposed to credit risk, based on the rating of external rating agencies. The Group uses lower of the credit rating of Moody's, Standard & Poor's and Fitch to categorise its financial assets in foreign currency accounts and investments. For domestic financial assets credit rating of VIS and PACRA are used.

2022							
Sovereign (52.3.1)	AAA	AA	A	BBB	Lower than BBB	Unrated	Grand Total
(Rupees in 000')							
Financial assets							
Cash and bank balances	-	-	-	-	-	197,518	197,518
Local currency - coins	406,368	-	-	-	-	-	406,368
Foreign currency accounts and investments	765,774,539	85,789,187	534,009,054	792,097,390	40	583,863	2,178,254,073
Earmarked foreign currency balance	24,050,690	-	-	-	-	-	24,050,690
Special drawing rights of International Monetary Fund	-	-	-	-	-	43,460,776	43,460,776
Reserve tranche with the International Monetary Fund under quota arrangements	-	-	-	-	-	32,857	32,857
Securities purchased under agreement to resell	11,925,391	3,070,396,767	885,051,575	380,552,183	147,696,176	-	4,518,609,584
Current accounts of governments	-	-	-	-	-	-	-
Investments - local	6,200,248,267	104,398,759	39,478	2,447,013	51,089,185	-	6,358,222,702
Loans, advances and bills of exchange	539,503,400	335,813,959	1,036,063,424	13,067,422	123,198,986	-	2,082,522,125
Assets held with the Reserve Bank of India	-	-	-	-	2,315,977	-	2,315,977
Balances due from the Governments of India and Bangladesh	-	-	-	-	40,453	15,066,748	15,107,201
Other assets	33,248,344	869,614	1,033,470	1,698,297	-	1,080,654	37,930,379
Total financial assets	7,575,156,999	3,597,268,286	2,456,197,001	1,189,862,305	324,340,817	15,066,748	15,261,110,250

2021							
Sovereign (53.3.1)	AAA	AA	A	BBB	Lower than BBB	Unrated	Grand Total
(Rupees in 000')							
Financial assets							
Cash and bank balances held by subsidiaries	-	-	-	-	-	501,584	501,584
Local currency - coins	417,574	-	-	-	-	-	417,574
Foreign currency accounts and investments	817,417,290	711,324,703	534,009,055	794,972,705	40	1,121,019	2,858,844,812
Earmarked foreign currency balance	20,707,900	-	-	-	-	-	20,707,900
Special drawing rights of International Monetary Fund	-	-	-	-	-	60,771,006	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	-	-	-	-	-	26,727	26,727
Securities purchased under agreement to resell	-	458,638,765	1,173,120,210	158,354,424	-	2,838,720	1,792,952,119
Current accounts of governments	33,793,930	-	-	-	-	-	33,793,930
Investments - local	6,679,188,550	162,581,159	4,912,797	10,729,717	-	-	6,857,412,223
Loans, advances and bills of exchange	-	335,813,959	807,975,738	13,160,083	-	34,045,347	1,190,995,127
Assets held with the Reserve Bank of India	-	-	-	-	1,939,592	-	1,939,592
Balances due from the Governments of India and Bangladesh	-	-	-	-	40,453	14,047,421	14,087,874
Other assets	11,756,023	678,144	6,596,198	9,161,106	-	1,913,358	30,104,829
Total financial assets	7,563,281,267	1,669,036,730	2,526,613,998	986,378,035	1,980,085	14,047,421	12,862,555,297

52.3.1 Government securities and balances, pertaining to Pakistan, are rated as sovereign. The international rating of Pakistan is B- (as per Standards & Poor's).

52.3.2 The collateral held as security against financial assets to cover the credit risk are disclosed in the respective notes.

52.4 Liquidity analysis with interest / mark-up rate risk

52.4.1 Interest / mark-up rate risk is the risk that the value of a financial instrument will fluctuate due to changes in the market interest / mark-up rates. The Group has adopted appropriate policies to minimise its exposure to this risk.

	2022					
	Interest / mark-up bearing			Non interest / mark-up bearing		
	Maturity up to one year	Maturity after one year	Sub-total	Maturity up to one year	Maturity after one year	Sub-total
	(Rupees in '000)					
Financial assets						
Non-derivative assets:						
Cash and bank balances	-	-	-	197,518	-	197,518
Local currency - coins	-	-	-	406,368	-	406,368
Foreign currency accounts and investments	2,176,804,420	-	2,176,804,420	-	1,491,490	1,491,490
Earmarked foreign currency balance	-	-	-	24,050,690	-	24,050,690
Special drawing rights of International Monetary Fund	43,460,776	-	43,460,776	-	-	-
Reserve tranche with the International Monetary Fund under quota arrangements	-	-	-	32,857	-	32,857
Securities purchased under agreement to resell	4,518,609,584	-	4,518,609,584	-	-	-
Investments - local	365,383,312	5,889,905,329	6,255,288,641	-	102,934,061	102,934,061
Loans, advances and bills of exchange	856,681,549	1,090,782,705	1,947,464,254	105,475,090	29,582,781	135,057,871
Assets held with the Reserve Bank of India	-	-	-	2,315,977	-	2,315,977
Balances due from the Governments of India and Bangladesh	-	-	-	15,107,201	-	15,107,201
Other assets	27,915,666	-	27,915,666	8,437,244	52,688	8,489,932
	7,988,855,307	6,980,688,034	14,969,543,341	156,022,945	134,061,020	290,083,965
Derivative assets						
Foreign currency accounts and investments	-	-	-	(41,837)	-	(41,837)
Other assets	-	-	-	1,524,781	-	1,524,781
	-	-	-	1,482,944	-	1,482,944
Grand total	7,988,855,307	6,980,688,034	14,969,543,341	157,505,889	134,061,020	291,566,909
						15,261,110,250
Financial liabilities						
Banknotes in circulation	-	-	-	7,992,592,100	-	7,992,592,100
Bills payable	-	-	-	1,907,584	-	1,907,584
Current accounts of the governments*	-	-	-	1,547,182,248	-	1,547,182,248
Payable to Islamic banking institutions against Bai Muajjal transactions	-	-	-	-	-	-
Payable under bilateral currency swaps agreements	917,991,000	-	917,991,000	8,923,096	-	8,923,096
Deposits of banks and financial institutions	1,146,062,844	-	1,146,062,844	108,971,830	-	108,971,830
Other deposits and accounts	550,285,036	-	550,285,036	184,346,312	-	184,346,312
Payable to the International Monetary Fund	198,687,837	1,150,002,883	1,348,690,720	2,568,088	-	2,568,088
Securities sold under agreement to repurchase	530,000,000	-	530,000,000	194,205	-	194,205
Other liabilities	-	11,644,025	11,644,025	68,861,868	-	68,861,868
Endowment Fund	-	-	-	-	132,674	132,674
	3,343,026,717	1,161,646,908	4,504,673,625	9,915,547,331	132,674	9,915,680,005
Derivative liabilities						
Other liabilities	-	-	-	50,172,618	-	50,172,618
	3,343,026,717	1,161,646,908	4,504,673,625	9,965,719,949	132,674	9,965,852,623
On balance sheet gap (a)	4,645,828,590	5,819,041,126	10,464,869,716	(9,808,214,060)	133,928,346	(9,674,285,714)
						790,584,002
Foreign currency forward and swap contracts - sale	-	-	-	871,788,635	-	871,788,635
Foreign currency forward and swap contracts - purchase	-	-	-	281,736,616	-	281,736,616
Futures - sale	-	-	-	22,878,077	-	22,878,077
Futures - purchase	-	-	-	10,540,096	-	10,540,096
Capital commitments	-	-	-	1,648,249	-	1,648,249
Contingent liabilities in respect of guarantees given	-	-	-	-	860,860	860,860
Off balance sheet gap (b)	-	-	-	1,188,591,673	860,860	1,189,452,533
Total yield / interest risk sensitivity gap (a+b)	4,645,828,590	5,819,041,126	10,464,869,716	(10,996,805,733)	133,067,486	(10,863,738,247)
						(398,868,531)
Cumulative yield / interest risk sensitivity gap	4,645,828,590	10,464,869,716	20,929,739,432			

(a) On-balance sheet gap represents the net amounts of on-balance sheet items.

* The Group has the contractual right and intention to offset these balances against their respective non-interest bearing deposit balances. Mark-up on these balances is charged only when these balances are in debit.

2021						
Interest / mark-up bearing			Non interest / mark-up bearing			Grand total
Maturity up to one year	Maturity after one year	Sub-total	Maturity up to one year	Maturity after one year	Sub-total	

(Rupees in '000)

Financial assets

Non-derivatives assets:

Cash and bank balances held by subsidiaries
Local currency - coins
Foreign currency accounts and investments
Earmarked foreign currency balance
Special drawing rights of International Monetary Fund
Reserve tranche with the International Monetary Fund under quota arrangements
Securities purchased under agreement to resell
Current accounts of Governments
Investments - local
Loans, advances and bills of exchange
Assets held with the Reserve Bank of India
Balances due from the Governments of India and Bangladesh
Other assets

-	-	-	501,584	-	501,584	501,584
-	-	-	417,574	-	417,574	417,574
1,733,758,096	125,159,778	1,858,917,874	999,223,627	280,150	999,503,777	2,858,421,651
-	-	-	20,707,900	-	20,707,900	20,707,900
60,771,006	-	60,771,006	-	-	-	60,771,006
-	-	-	26,727	-	26,727	26,727
1,790,871,426	-	1,790,871,426	2,080,693	-	2,080,693	1,792,952,119
33,793,930	-	33,793,930	-	-	-	33,793,930
590,911,683	6,150,376,769	6,741,288,452	-	116,123,771	116,123,771	6,857,412,223
500,406,454	334,842,005	835,248,459	264,883,857	90,862,811	355,746,668	1,190,995,127
-	-	-	1,939,592	-	1,939,592	1,939,592
-	-	-	14,087,874	-	14,087,874	14,087,874
-	-	-	13,646,875	19,054	13,665,929	13,665,929
4,710,512,595	6,610,378,552	11,320,891,147	1,317,516,303	207,285,786	1,524,802,089	12,845,693,236

Derivatives assets

Foreign currency accounts and investments
Other assets

-	-	-	423,161	-	423,161	423,161
-	-	-	16,438,900	-	16,438,900	16,438,900

Grand total

4,710,512,595	6,610,378,552	11,320,891,147	1,334,378,364	207,285,786	1,541,664,150	12,862,555,297
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Financial liabilities

Banknotes in circulation
Bills payable
Current accounts of the Governments*
Payable to Islamic banking institutions against
Payable under bilateral currency swaps agreements
Deposits of banks and financial institutions
Other deposits and accounts
Payable to International Monetary Fund
Securities sold under agreement to repurchase
Other liabilities
Endowment Fund

-	-	-	7,278,860,019	-	7,278,860,019	7,278,860,019
-	-	-	2,051,417	-	2,051,417	2,051,417
-	-	-	1,295,486,434	-	1,295,486,434	1,295,486,434
731,730,000	-	731,730,000	16,764,053	-	16,764,053	748,494,053
121,524,435	-	121,524,435	1,206,143,957	-	1,206,143,957	1,327,668,392
425,367,990	-	425,367,990	203,661,926	-	203,661,926	629,029,916
157,560,118	686,639,654	844,199,772	1,158,879	-	1,158,879	845,358,651
135,000,000	-	135,000,000	51,390	-	51,390	135,051,390
-	10,794,160	10,794,160	34,813,381	-	34,813,381	45,607,541
-	-	-	-	128,771	128,771	128,771
1,571,182,543	697,433,814	2,268,616,357	10,038,991,456	128,771	10,039,120,227	12,307,736,584

Derivative liabilities

Other liabilities

-	-	-	4,007,806	-	4,007,806	4,007,806
1,571,182,543	697,433,814	2,268,616,357	10,042,999,262	128,771	10,043,128,033	12,311,744,390

On balance sheet gap (a)

3,139,330,052	5,912,944,738	9,052,274,790	(8,708,620,898)	207,157,015	(8,501,463,883)	550,810,907
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Foreign currency forward and swap contracts - sale

-	-	-	865,057,133	-	865,057,133	865,057,133
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Foreign currency forward and swap contracts - purchase

-	-	-	98,341,540	-	98,341,540	98,341,540
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Futures - sale

-	-	-	14,096,256	-	14,096,256	14,096,256
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Futures - purchase

-	-	-	13,678,234	-	13,678,234	13,678,234
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Capital commitments

-	-	-	2,694,087	-	2,694,087	2,694,087
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Contingent liabilities in respect of guarantees given

-	-	-	-	527,596	527,596	527,596
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Off balance sheet gap (b)

-	-	-	993,867,250	527,596	994,394,846	994,394,846
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Total yield / interest risk sensitivity gap (a+b)

3,139,330,052	5,912,944,738	9,052,274,790	(9,702,488,148)	206,629,419	(9,495,858,729)	(443,583,939)
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Cumulative yield / interest risk sensitivity gap

3,139,330,052	5,912,944,738	18,104,549,580				
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(a) On-balance sheet gap represents the net amounts of on-balance sheet items.

* The Group has the contractual right and intention to offset these balances against their respective non-interest bearing deposit balances. Mark-up on these balances is charged only when these balances are in debit

52.4.2 The effective interest / mark-up rate for the monetary financial assets and liabilities are mentioned in their respective notes to the consolidated financial statements.

52.5 Interest rate risk

52.5.1 Cash flow interest rate risk

Cash flow interest rate risk is the risk of loss arising from changes in variable interest rates. The sensitivity analysis below have been determined based on the exposure to interest rates for floating rate assets and liabilities. The analysis is prepared assuming the amount of average assets and liabilities outstanding at the balance sheet date was outstanding for the whole year.

If interest rates had been 10 basis points higher / lower and all other variables were held constant, the Group's profit for the year ended June 30, 2022 would increase / decrease by Rs 10,465 million (2021: Rs. 9,052.27 million). This is mainly attributable to the Group's exposure to interest rates on its variable rate instruments.

52.5.2 Fair value interest rate risk

Fair value interest rate risk is the risk that the value of a financial instrument will fluctuate because of changes in market interest rates.

The Group is exposed to fair value interest rate risk on its fixed income securities, classified as financial assets at fair value through profit or loss and financial asset at fair value through other comprehensive income. To manage its fair value interest rate risk arising from investments in these securities, the management adopts practices mentioned in note 52.9 to these consolidated financial statements.

As at June 30, 2022, a 10 basis points shift in market value, mainly as a result of change in interest rates with all other variables held constant, would result in profit for the year to increase by Rs 604.933 million (2021: Rs 1,024.176 million) or decrease by Rs 604.933 million (2021: Rs 1024.176 million) mainly as a result of a increase or decrease in the fair value of fixed rate financial assets classified as financial asset at fair value through profit or loss.

52.6 Currency risk management

Currency risk is the risk that the value of a financial instrument will fluctuate due to changes in foreign exchange rates. Foreign currency activities result mainly from the Group's holding of foreign currency assets under its foreign reserves management function and the overall level of these assets is determined based on the prevailing extent of credit and liquidity risks. In order to avoid losses arising from adverse changes in the rates of exchange, the Group's compliance with the limits established for foreign currency positions is being regularly monitored by the management.

The Group also holds from time to time, foreign currency assets and liabilities that arise from the implementation of domestic monetary policies. Any foreign currency exposure relating to these implementation activities are hedged through the use of foreign currency forwards, swaps and other transactions.

The Group also enters into forward foreign exchange contracts with the commercial banks and financial institutions to hedge against the currency risk on foreign currency transactions.

The sensitivity analysis calculates the effect of reasonably possible movement of the currency rate against Pak Rupee, with all other variables held constant, on the consolidated profit and loss account and equity. If the Rupee had weakened / strengthened 1 percent against the principal currencies to which the Group had significant exposure as at June 30, 2022 with all other variables constant profit for the year would have been Rs. 8,763.991 million higher / lower (2021: Rs. 6,913.696 million). Net foreign currency exposure of the Group is as follows:

	2022	2021
	----- (Rupees in '000) -----	
US Dollar	(359,581,061)	779,444,523
Pound Sterling	(109,382,337)	(67,777,983)
Chinese Yuan	74,200,063	298,159,124
Euro	(398,927,431)	(260,716,491)
Japanese Yen	(85,458,470)	(58,202,274)
United Arab Emirates Dirham	133,822	90,450
Australian Dollar	-	6,607
Canadian Dollar	3,913	5,418
Others	2,612,369	360,221
	<u>(876,399,132)</u>	<u>691,369,595</u>

Net exposure in Special Drawing Rights (SDR) is allocated to its five basket currencies i.e. the US dollar, the Euro, the Chinese Yuan, the Japanese Yen and the British pound sterling in the ratio of their percentage allocated by IMF for SDR basket.

The composition of the Group's financial instruments and the correlation thereof to different variables is expected to change over time. Accordingly, the sensitivity analyses in note 52.6 and 52.7 prepared as of the reporting date are not necessarily indicative of the effects on the Group's consolidated profit and loss of future movements in different variables.

52.7 Price Risk

Price risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices (other than those arising from interest rate risk or currency risk) whether those changes are caused by factors specific to the individual financial instrument or its issuer or factors affecting all similar financial instruments traded in the market.

The Group is exposed to equity securities price risk because of investment in listed equity securities and mutual fund units by the Group classified as at fair value through other comprehensive income and fair value through profit or loss respectively. The investments in equity securities are held as per the specific directives of the Government of Pakistan in accordance with the provisions of the State Bank of Pakistan Act, 1956 and other relevant statutes. Accordingly, price risk on listed equity securities cannot be managed by the Group.

In case of 5% increase or decrease in KSE 100 index on June 30, 2022, total comprehensive income would increase or decrease by Rs. 5,193 million (2021: Rs. 5,805 million) and equity of the Group would increase or decrease by the same amount as a result of gains / (losses).

The analysis is based on the assumption that the equity index would increase or decrease by 5% with all other variables held constant and all the Group's equity instruments move according to the historical correlation with the index. This represents management's best estimate of a reasonable possible shift in the KSE 100 index. The composition of the Group's investment portfolio and the correlation thereof to the KSE index is expected to change over time. Accordingly, the sensitivity analysis prepared as of June 30, 2022 is not necessarily indicative of the effect on the Group's equity instruments of future movements in the level of KSE 100 index.

52.8 Liquidity risk management

Liquidity risk is the risk that an entity will encounter difficulty in raising funds to meet commitments associated with the financial instruments. In order to reduce the level of liquidity risk arising out of the local currency activities, the Group manages the daily liquidity position of the banking system including advancing and withdrawal of funds from the system for smoothening out daily peaks and troughs.

The risk arising out of the Group's obligations for foreign currency balances or deposits is managed through available reserves generated mainly from borrowings and open market operations. The maturity profile of Group's financial assets and financial liabilities is given in note 52.4.1 to these consolidated financial statements.

52.9 Portfolio risk management

The Group has appointed external managers to invest a part of the foreign exchange reserves in international fixed income securities. The external managers are selected after conducting a thorough due diligence by the Group and externally hired investment consultants and appointed after the approval of the Board. The mandates awarded to the managers require them to outperform the benchmarks which are based on fixed income global aggregate indices. The benchmarks are customised to exclude certain securities, currencies and maturities to bring it to an acceptable level of risk and within the Group's approved risk appetite. Managers are provided investment guidelines within which they have to generate excess returns over the benchmark. Safe custody of the portfolio is provided through carefully selected global custodian who is independent of the portfolio managers. The custodian also provides valuation, compliance, corporate actions and recovery and other value added services which are typically provided by such custodian. The valuations provided by the custodian are reconciled with the portfolio managers and recorded accordingly.

53 FAIR VALUE OF FINANCIAL INSTRUMENTS

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The following tables summarises the carrying amounts and fair values of financial assets and liabilities:

	Carrying value		Fair value	
	2022	2021	2022	2021
(Rupees in '000)				
Financial assets				
Cash and bank balances held by subsidiaries	197,518	501,584	197,518	501,584
Local currency - coins	406,368	417,574	406,368	417,574
Foreign currency accounts and investments	2,178,254,073	2,858,844,812	2,178,254,073	2,858,844,812
Earmarked foreign currency balances	24,050,690	20,707,900	24,050,690	20,707,900
Special drawing rights of the International Monetary Fund	43,460,776	60,771,006	43,460,776	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	32,857	26,727	32,857	26,727
Securities purchased under agreement to resell	4,518,609,584	1,792,952,119	4,518,609,584	1,792,952,119
Current accounts of governments	-	33,793,930	-	33,793,930
Investments - local	6,358,222,702	6,857,412,223	6,286,781,351	6,884,877,392
Loans, advances and bills of exchange	2,082,522,125	1,190,995,127	2,082,522,125	1,190,995,127
Assets held with the Reserve Bank of India	2,315,977	1,939,592	2,315,977	1,939,592
Balances due from the Governments of India and Bangladesh	15,107,201	14,087,874	15,107,201	14,087,874
Other assets	37,930,379	30,104,829	37,930,379	30,104,829
Financial liabilities				
Banknotes in circulation	7,992,592,100	7,278,860,019	7,992,592,100	7,278,860,019
Bills payable	1,907,584	2,051,417	1,907,584	2,051,417
Current accounts of Governments	1,547,182,248	1,295,486,434	1,547,182,248	1,295,486,434
Payable under bilateral currency swap agreement	926,914,096	748,494,053	926,914,096	748,494,053
Deposits of banks and financial institutions	1,255,034,674	1,327,668,392	1,255,034,674	1,327,668,392
Other deposits and accounts	734,579,427	629,029,916	734,579,427	629,029,916
Payable to the International Monetary Fund	1,351,258,808	845,358,651	1,351,258,808	845,358,651
Securities sold under agreement to repurchase	530,194,205	135,051,390	530,194,205	135,051,390
Other liabilities	130,678,511	49,615,347	130,678,511	49,615,347
Endowment Fund	132,674	128,771	132,674	128,771

53.1 The table below analyses financial and non-financial assets carried at fair value, by valuation method. The different levels have been defined as follows:

- Quoted prices (unadjusted) in active markets for identical assets or liabilities (Level 1).
- Inputs other than quoted prices included within level 1 that are observable for the asset or liability, either directly (that is, as prices) or indirectly (that is, derived from prices) (Level 2).
- Inputs for the assets or liabilities that are not based on observable market data (i.e. unobservable inputs e.g. estimated future cash flows) (Level 3).

	2022			
	Level 1	Level 2	Level 3	Total
(Rupees in '000)				
Recurring fair value measurements				
On balance sheet financial assets				
Foreign currency accounts and investments	-	604,890,961	-	604,890,961
Investments - local	44,715,689	929,274	58,218,372	103,863,335
Unrealised gain on local currency derivatives	-	1,524,781	-	1,524,781
Non - recurring fair value measurements				
On balance sheet non-financial assets				
Operating fixed assets (land and buildings)	-	-	152,155,897	152,155,897
Investment property	-	-	1,068,967	1,068,967
Gold reserves held by the Bank	773,637,405	-	-	773,637,405
	818,353,094	607,345,016	211,443,236	1,637,141,346
Recurring fair value measurements				
Off balance sheet financial asset and liabilities				
Foreign currency forward and swap contracts - sale	-	871,788,635	-	871,788,635
Foreign currency forward and swap contracts - purchase	-	281,736,616	-	281,736,616
Futures - sale	22,878,077	-	-	22,878,077
Futures - purchase	10,540,096	-	-	10,540,096

2021			
Level 1	Level 2	Level 3	Total

Recurring fair value measurements

On balance sheet financial assets

Foreign currency accounts and investments -	-	1,024,599,142	-	1,024,599,142
Investments - local	58,506,359	1,315,236	56,302,176	116,123,771
Unrealised gain on local currency derivatives	-	4,328,214	-	4,328,214

Non - recurring fair value measurements

On balance sheet non-financial assets

Operating fixed assets (land and buildings)	-	-	129,594,221	129,594,221
Investment property	-	-	983,847	983,847
Gold reserves held by the Bank	577,356,238	-	-	577,356,238
	<u>635,862,597</u>	<u>5,643,450</u>	<u>186,880,244</u>	<u>1,852,985,433</u>

Recurring fair value measurements

Off balance sheet financial asset and liabilities

Foreign currency forward and swap contracts - sale	-	877,406,718	-	877,406,718
Foreign currency forward and swap contracts - purchase	-	97,744,919	-	97,744,919
Futures - sale	14,182,045	-	-	14,182,045
Futures - purchase	13,671,650	-	-	13,671,650

The Group's policy is to recognise transfers into and out of the different fair value hierarchy levels at the date when the event or change in circumstances require the Group to exercise such transfers.

All financial assets and liabilities except the items disclosed above, have fair value equal to the carrying amount.

There were no transfers between levels 1 and 2 during the year.

53.2 Valuation techniques used in determination of fair values within level 2 and level 3

Item	Valuation approach and input used
Forward foreign exchange contract	The valuation has been determined by interpolating the mid rates announced by Bank.
Operating fixed assets (land and building)	The fair value of land and building are derived using the sale comparison approach. The sales value is determined by physically analysing the condition of land and building and by ascertaining the current market value of similar land, which is selling in near vicinity. Moreover, for buildings, the valuer has also considered prevailing current cost of construction for relevant type of civil work carried out thereon, where ever required. Please refer note 19.1 highlighting the year of valuation.
Foreign currency debt securities	These are measured at fair value using the rates published by the valuation expert portals, such as, Bloomberg, S&P , Reuters etc.
Unquoted equity securities	The value of unquoted equity securities are determined by using the discounted cashflow method by using certain key assumptions regarding future business projection of these entities by using various key assumptions considering economic and market conditions. Key assumptions include growth rate for treasury and advances portfolios, mobilisation of advances, working capital requirements, raising of additional funds in the form of borrowings and mobilisation of deposits, capital retention, strategies for equity securities in the portfolio of these entities, return on funds deployed, discount rate and terminal growth rate etc.
Investment Property	These are measured at revalued amount based on the highest and best use concept.

The valuations, mentioned above, are conducted by the valuation experts appointed by the Group which are also on the panel of the Pakistan Banks' Association (PBA). The valuation experts use a market based approach to arrive at the fair value of the Group's properties. The market approach uses prices and other relevant information generated by market transactions involving identical or comparable or similar properties. These values are adjusted to reflect the current condition of the properties. The effect of changes in the unobservable inputs used in the valuations cannot be determined with certainty, accordingly a quantitative disclosure of sensitivity has not been presented in these consolidated financial statements.

2022			
At fair value through profit or loss	Amortised cost	At fair value through other comprehensive income	Total

----- (Rupees in '000) -----

Financial assets

Cash and bank balances held by subsidiaries	-	197,518	-	197,518
Local currency - coins	-	406,368	-	406,368
Foreign currency accounts and investments	604,890,961	1,573,363,112	-	2,178,254,073
Earmarked foreign currency balances	-	24,050,690	-	24,050,690
Special drawing rights of the International Monetary Fund	-	43,460,776	-	43,460,776
Reserve tranche with the International Monetary Fund under quota arrangements	-	32,857	-	32,857
Securities purchased under agreement to resell	-	4,518,609,584	-	4,518,609,584
Current accounts of governments	-	-	-	-
Investments - local	929,274	6,254,359,367	102,934,061	6,358,222,702
Loans, advances and bills of exchange	-	2,082,522,125	-	2,082,522,125
Assets held with the Reserve Bank of India	-	2,315,977	-	2,315,977
Balances due from the Governments of India and Bangladesh	-	15,107,201	-	15,107,201
Other assets	-	37,930,379	-	37,930,379

2021			
At fair value through profit or loss	Amortised cost	At fair value through other comprehensive income	Total

----- (Rupees in '000) -----

Financial assets

Cash and bank balances held by subsidiaries	-	501,584	-	501,584
Local currency - coins	-	417,574	-	417,574
Foreign currency accounts and investments	1,024,599,142	1,834,245,670	-	2,858,844,812
Earmarked foreign currency balances	-	20,707,900	-	20,707,900
Special drawing rights of the International Monetary Fund	-	60,771,006	-	60,771,006
Reserve tranche with the International Monetary Fund under quota arrangements	-	26,727	-	26,727
Securities purchased under agreement to resell	-	1,792,952,119	-	1,792,952,119
Current accounts of governments	-	33,793,930	-	33,793,930
Investments - local	1,315,236	6,741,288,452	114,808,535	6,857,412,223
Loans, advances and bills of exchange	-	1,190,995,127	-	1,190,995,127
Assets held with the Reserve Bank of India	-	1,939,592	-	1,939,592
Balances due from the Governments of India and Bangladesh	-	14,087,874	-	14,087,874
Other assets	-	30,104,829	-	30,104,829

2022		
Amortised cost	At fair value through profit or loss	Total

----- (Rupees in '000) -----

Financial liabilities

Banknotes in circulation	7,992,592,100	-	7,992,592,100
Bills payable	1,907,584	-	1,907,584
Current accounts of governments	1,547,182,248	-	1,547,182,248
Payable under bilateral currency swap agreement	926,914,096	-	926,914,096
Deposits of banks and financial institutions	1,255,034,674	-	1,255,034,674
Other deposits and accounts	734,579,427	-	734,579,427
Payable to the International Monetary Fund	1,351,258,808	-	1,351,258,808
Securities sold under agreement to repurchase	530,194,205	-	530,194,205
Other liabilities	80,505,893	50,172,618	130,678,511
Endowment Fund	132,674	-	132,674

2021		
Amortised cost	At fair value through profit or loss	Total

----- (Rupees in '000) -----

Financial liabilities

Banknotes in circulation	7,278,860,019	-	7,278,860,019
Bills payable	2,051,417	-	2,051,417
Current accounts of Governments	1,295,486,434	-	1,295,486,434
Payable under bilateral currency swap agreement	748,494,053	-	748,494,053
Deposits of banks and financial institutions	1,327,668,392	-	1,327,668,392
Other deposits and accounts	629,029,916	-	629,029,916
Payable to the International Monetary Fund	845,358,651	-	845,358,651
Securities sold under agreement to repurchase	135,051,390	-	135,051,390
Other liabilities	45,607,541	4,007,806	49,615,347
Endowment Fund	128,771	-	128,771

55 NON-ADJUSTING EVENT

The Board of Directors of the Bank in their meeting held on **October 28, 2022** have appropriated an amount of Rs **NIL** million to "Revenue Reserve". The balance of profit after allocation of such appropriation will be transferred to the Government of Pakistan. The consolidated financial statements of the Group for the year ended June 30, 2022 do not include the effect of above appropriation and transfer of balance profit to the Government of Pakistan, which will be accounted for in the consolidated financial statements of the Group for the year ending June 30, 2023.

56 DATE OF AUTHORISATION

These consolidated financial statements were authorised for issue on **October 28, 2022** by the Board of Directors of the Bank.

57 CORRESPONDING FIGURES

Corresponding figures have been rearranged and reclassified, wherever necessary, for the purpose of comparison and better presentation. No significant rearrangements or reclassifications have been made in these consolidated financial statements during the current year.

58 GENERAL

Figures have been rounded off to the nearest thousand rupees, unless otherwise stated.

-sd-

Jameel Ahmad
Governor

-sd-

Dr. Murtaza Syed
Deputy Governor

-sd-

Saleemullah
Executive Director