TÜRK EKONOMİ BANKASI
ANONİM ŞİRKETİ AND ITS SUBSIDIARIES

CONSOLIDATED FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021
WITH INDEPENDENT AUDITOR’S REPORT

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INDEPENDENT AUDITOR'S REPORT

To the General Assembly of Türk Ekonomi Bankası A.Ş.

Opinion

We have audited the consolidated financial statements of Türk Ekonomi Bankası A.Ş. ("the Bank") and its subsidiaries ("the Group"), which comprise the consolidated statement of financial position as at 31 December 2021, and the consolidated statement of profit or loss and other 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 present fairly, in all material respects, the consolidated financial position of the Group as at 31 December 2021, and 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* (the "IESBA Code"), and we have fulfilled our other ethical responsibilities in accordance with the IESBA 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 the audit
Impairment of loans in accordance with TFRS 9 Impairment of loans is a key area of judgement for the management. The Group has the total loans and advances to customers and factoring receivables amounting to TL 110,704,929 thousands, which comprise 56% of the Group's total assets in its consolidated financial statement and the total provision for impairment amounting to TL 4,078,478 as at 31 December 2021. The expected credit loss estimates are required to be unbiased, probability-weighted and should include supportable information about past events, current conditions, and forecasts of future economic conditions.	As part of our audit work, the following procedures were performed: We assessed and tested the design, implementation and operating effectiveness of key controls applied by the Group with respect to classification of loans and determination and calculation of impairments. Our information system experts have also participated to perform these procedures. We have assessed and analysed the relevant contract terms to assess management's accounting policy and classification of the instrument for selected samples.

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Key Audit Matters	How the matter was addressed in the audit
The Group exercises significant decisions using judgement, interpretation and assumptions over calculating loan impairments. These judgments, interpretations and assumptions are key in the development of the financial models. In addition, impairment of loans and receivables consist of significant judgments and assumptions regarding with Covid 19 effects. Not fullfilling the requirements of the IFRS 9 is a potential risk for the Bank. Failure in determining the loans and receivables that are impaired and not recording the adequate provision for these impaired loans is the aforementioned risk. Accordingly, impairment of loans and receivables is considered as a key audit matter. Related explanations relating to the impairment are presented in Note 7 and 8.	We have performed loan review procedures on selected samples of loans and receivables considering effects of Covid 19 with the objective of identifying whether the loss event had occurred and whether the provision for impairment has been recognized in a timely manner within the framework of the provisions of the relevant legislation. We have tested relevant inputs and assumption used by the management in each stage of the expected credit loss calculation by considering whether the inputs and assumptions appear reasonable regarding with Covid 19 effects, the relationship between the assumptions and whether the assumptions are interdependent and internally consistent, whether the assumptions appropriately reflect current market information and collections, and whether the assumptions appear reasonable when considered collectively with other assumptions, including those for the same accounting estimates and those for other accounting estimates. We have tested historical loss data to validate the completeness and accuracy of key parameters. We have tested whether the model is applied to appropriate segments of assets which share credit risk characteristics and whether the historical loss rates were incurred under economic conditions representative of those that may exist during the assets' exposure periods. We tested the application of the model to the relevant inputs and the mathematical integrity of each stage of the expected credit loss calculation. Based on our discussions with the Group management, we evaluated whether the key assumptions and other judgements considering Covid 19 effects underlying the estimations of impairments were reasonable. We assessed expected credit losses determined based on individual assessment per Group's policy by means of supporting data and evaluated appropriateness via communications with management considering Covid 19 effects. Our specialists are involved in all procedures related to models and assumptions. We have reviewed disclosures made within the IFRS 9 framework in the financial statements and respective notes of the Group with respect to loans and receivables and related impairment provisions.
Pension Fund Obligations Defined benefit pension plan that the Group provides to its employees is managed by Fortis Bank AŞ Mensupları Emekli Sandığı ("Plan") which is established by the 20th provisional article of the Social Security Law numbered 506 (the "Law").	Our audit work included the following procedures: We involved external experts (actuary) in our audit team to evaluate the assumptions used in the calculation of the pension obligations and the appropriateness of the estimates.

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Key Audit Matters	How the matter was addressed in the audit
As disclosed in the Section 2 Note 2.2 n) to the consolidated financial statements, the Plan is composed of benefits which are subject to transfer to the Social Security Foundation ("SSF") as per the Social Security Law no.5510 provisional article 20, and other social rights and pension benefits provided by the Group that are not transferable to the SSF. The Council of Ministers has been authorized to determine the transfer date. Following the transfer, the funds and the institutions that employ the funds' members will cover the non-transferable social rights and pension benefits provided under the Plan even if it is included in foundation voucher. As of 31 December 2021, the Group's transferrable liabilities are calculated by an independent actuary using the actuarial assumptions regulated by the Law, and in accordance with the Decision of the Council of Ministers announced in the Official Gazette dated 15 December 2006 and No.26377. The valuation of the Plan liabilities requires judgment in determining appropriate assumptions such as defining the transferrable social benefits, discount rates, salary increases, inflation levels, demographic assumptions, and the impact of changes in the Plan. Management uses expert opinion of the independent actuary in assessing uncertainties related to these underlying assumptions and estimates. As described in Note 16 considering the subjectivity of key judgments and assumptions, plus the uncertainty around the transfer date and basis of the transfer calculation given the fact that the technical interest rate is prescribed under the Law, we considered this as a key audit matter.	It has been tested whether the plan assets meet plan obligations in accordance with the methods and assumptions used. In addition, reconciliations and tests were carried out through sampling of the accuracy of the data provided to the Group's actuary. We have assessed whether there is a significant change in the actuarial assumptions, methods, legal regulations and legislation used in the calculations and whether the assumptions are reasonable.
Information Technologies Audit The Bank and its finance functions are dependent on the IT-infrastructure for the continuity of its operations, and the demand for technology-enabled business services is rapidly growing in the Bank and its subsidiaries. Controls over reliability and continuity of the electronic data processing are within the scope of the information systems internal controls audit. The reliance on information systems within the Bank means that the controls over access rights, continuity of systems, privacy and integrity of the electronic data are critical and found to be key area of focus as part of our risk based scoping.	Procedures within the context of our information technology audit work: • We identified and tested the Group's controls over information systems as part of our audit procedures. • Information generation comprise all layers of information systems (including applications, networks, transmission systems and database). The information systems controls tested are categorized in the following areas: • Security management • Changes management • Operations management • We selected high-risk areas as, database logging and change management control activities, to prevent and detect whether accesses to financial data had been identified in a timely manner.

Key Audit Matters	How the matter was addressed in the audit
	• We tested the accesses and logging controls underlying all applications that have direct or indirect impacts on financial data generation. • Automated controls and integration controls are tested to underly and detect changes and accesses in the process of financial data generation. • We also tested the appropriateness and accuracy of the information produced by the entity and information used in controls reports as inputs to our controls and outputs generated by the IT components. • Finally, we understood and tested the controls over database, network, application and operating system layers of applications.

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.

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- 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, 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 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 partner on the audit resulting in this independent auditor's report is Yaman Polat.

DRT BAĞIMSIZ DENETİM VE SERBEST MUHASEBECİ MALİ MÜŞAVİRLİK A.Ş.
Member of **DELOITTE TOUCHE TOHMATSU LIMITED**

Yaman Polat
Partner

İstanbul, 25 February 2022

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TÜRK EKONOMİ BANKASI ANONİM ŞİRKETİ AND ITS SUBSIDIARIES

CONSOLIDATED STATEMENT OF FINANCIAL POSITION
AS AT 31 DECEMBER 2021

(Amounts expressed in thousands of Turkish Lira ("TL") unless otherwise stated.)

	Notes	31 December 2021	31 December 2020
ASSETS			
Cash and balances with central banks	5	36,999,045	19,995,626
Financial assets at fair value through profit or loss ("FVTPL")	6	9,125,487	3,383,362
Securities	6	2,793,511	1,630,753
Derivative financial instruments	6,18	6,331,976	1,752,609
Derivatives used for hedging purposes	18	1,802,469	1,083,343
Financial assets at fair value through other comprehensive income ("FVOCI")	6	7,175,961	8,652,402
Debt securities	6	7,162,706	8,641,516
Equity securities	6	13,255	10,886
Financial assets at amortised cost ("AC")		138,281,888	104,720,218
Loans and advances due from banks	5	12,104,891	8,386,527
Loans and advances to customers	7	102,016,838	77,662,059
Factoring receivables	8	4,609,613	2,489,729
Debt securities	6	19,547,301	12,502,532
Other money market placements	5	3,245	3,679,371
Current tax asset		138,894	19,678
Deferred tax asset	17	147,376	651,589
Property, plant and equipment	9	937,503	848,653
Intangible assets	10	188,535	151,378
Goodwill	11	420,645	420,645
Other assets	12	3,455,933	2,616,696
Total assets		**198,673,736**	**142,543,590**
LIABILITIES AND EQUITY			
LIABILITIES			
Deposits from central bank		-	31
Financial liabilities at fair value through profit or loss	18	4,159,177	2,260,343
Derivative financial instruments	18	4,159,177	2,260,343
Derivatives used for hedging purposes	18	330,611	1,068,660
Financial liabilities at amortised cost		169,827,078	121,500,294
Deposits from credit institutions	13	1,999,736	7,468,366
Customers' deposits	13	129,576,886	86,273,086
Other money market deposits	13	8,841,709	6,548,253
Funds borrowed	15	20,975,186	12,205,001
Debt securities issued	14	1,194,525	4,810,637
Subordinated debts	15	7,239,036	4,194,951
Current tax liability	17	13,357	171,990
Provisions	16	976,331	789,232
Other liabilities	16	9,312,048	5,064,141
Total liabilities		**184,618,602**	**130,854,691**
EQUITY			
Equity attributable to owners of the parent		**14,036,917**	**11,673,392**
Share capital issued	19	2,204,390	2,204,390
Premium in excess of par		2,565	2,565
Adjustment to share capital		200,262	200,262
Financial instruments designated as at FVOCI	20	(195,148)	(85,790)
Reserve for hedging funds	20	292,799	(226,704)
Remeasurement on employee benefits		(123,085)	(4,120)
Retained earnings	20	11,655,134	9,582,789
Non-controlling interests		**18,217**	**15,507**
Total equity		**14,055,134**	**11,688,899**
Total liabilities and equity		**198,673,736**	**142,543,590**

The accompanying policies and explanatory notes are an integral part of these consolidated financial statements.

TÜRK EKONOMİ BANKASI ANONİM ŞİRKETİ AND ITS SUBSIDIARIES

CONSOLIDATED STATEMENT OF INCOME FOR THE YEAR ENDED 31 DECEMBER 2021

(Amounts expressed in thousands of Turkish Lira ("TL") unless otherwise stated.)

	Notes	1 January - 31 December 2021	1 January - 31 December 2020
Interest income			
Interest income on loans measured at AC		12,103,652	8,927,000
Interest income on debt securities measured at AC		2,139,984	1,169,176
Interest income on debt securities at FVOCI		709,804	800,272
Interest income on debt securities at FVTPL		257,762	178,384
Interest income on loans and receivables due from banks measured at AC		803,851	345,621
Interest income on other money market placements measured at AC		119,508	146,441
Interest income on hedging derivatives		1,168,653	694,864
Total interest income		**17,303,214**	**12,261,758**
Interest expenses			
Interest expenses on customer deposits		(6,770,475)	(3,732,770)
Interest expenses on subordinated debt issued		(412,965)	(315,326)
Interest expenses on other money market deposits		(313,829)	(193,210)
Interest expenses on debt securities issued		(451,610)	(454,149)
Interest expenses on funds borrowed and deposits from other banks		(1,125,448)	(597,458)
Interest expenses on hedging derivatives		(1,495,058)	(1,613,351)
Total interest expense		**(10,569,385)**	**(6,906,264)**
Net interest income		**6,733,829**	**5,355,494**
Fees and commissions and other operating income		**(493,272)**	**104,254**
Fees and commissions income	26	2,654,334	1,889,591
Fees and commissions expenses	26	(1,484,248)	(914,396)
Net loss on financial instruments at FVTPL	25	(1,686,452)	(723,358)
Net gain on financial instruments at FVOCI		60,089	(11,785)
Net losses from other activities		(36,995)	(135,798)
Net banking income		**6,240,557**	**5,459,748**
Operating expenses		**(3,527,052)**	**(3,034,688)**
Salaries and employee benefits	23	(1,931,482)	(1,664,416)
Other operating expenses	24	(1,034,104)	(862,165)
Depreciation and amortization	9,10	(353,409)	(324,715)
Taxes other than on income		(208,057)	(183,392)
Gross operating income		**2,713,505**	**2,425,060**
Cost of risk	7,8,16	8,191	(752,025)
Operating income		**2,721,696**	**1,673,035**
Net gain on non-current assets		1,549	4,202
Pre-tax income		**2,723,245**	**1,677,237**
Income tax – current	17	(218,125)	(523,814)
Income tax – deferred	17	(424,609)	115,800
Net profit for the period from continuing operations		**2,080,511**	**1,269,223**
Attributable to:			
Equity holders of the Parent		2,072,345	1,263,072
Non-controlling interests		8,166	6,151
Net Profit		**2,080,511**	**1,269,223**
Basic earnings per share (full TL)	21	0.9401	0.5730
Diluted earnings per share (full TL)	21	0.9401	0.5730
Basic and diluted earnings per share from continuing operations (full TL)	21	0.9401	0.5730

The accompanying policies and explanatory notes are an integral part of these consolidated financial statements.

CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME
FOR THE YEAR ENDED 31 DECEMBER 2021

(Amounts expressed in thousands of Turkish Lira ("TL") unless otherwise stated.)

	1 January - 31 December 2021	1 January - 31 December 2020
Profit for the period	**2,080,511**	**1,269,223**
Other comprehensive income		
Items that are or may be reclassified to profit or loss	**407,841**	**554,538**
Fair value gains/(losses) on financial assets at fair value through other comprehensive income (net of tax)	(111,662)	(105,508)
Net change in fair values	(67,595)	(115,466)
Net amount transferred to income	(44,067)	9,958
Cash flow hedge (Effective portion of changes in fair value), (net of tax)	519,503	660,046
Items that will not be reclassified to profit or loss	**(116,934)**	**(43,979)**
Remeasurement of post-employment benefits obligation, (net of tax)	(119,185)	(44,164)
Fair value gains/(losses) on financial assets at fair value through other comprehensive income (net of tax)	2,251	185
Other comprehensive (loss) / income for the period, net of tax	**290,907**	**510,559**
Total comprehensive income for the period, net of tax	**2,371,418**	**1,779,782**
Attributable to:		
Owners of the Parent	2,363,525	1,773,681
Non-controlling interest	7,893	6,101
Total comprehensive income for the period	**2,371,418**	**1,779,782**

The accompanying policies and explanatory notes are an integral part of these consolidated financial statements.

CONSOLIDATED STATEMENT OF CHANGES IN SHAREHOLDERS’ EQUITY
FOR THE YEAR ENDED 31 DECEMBER 2021

(Amounts expressed in thousands of Turkish Lira (“TL”) unless otherwise stated.)

		Attributable to owners of the parent											
	Notes	Share capital	Premium in excess of par	Adjustment to share capital	Financial assets at fair value through equity	Reserve for hedging funds	Remeasurements on employee benefits	Legal reserves	Other capital reserves	Retained earnings	Total equity attributable to equity holders of the Parent	Non-controlling interest	Total equity
At 31 December 2019		**2,204,390**	**2,565**	**200,262**	**19,528**	**(886,750)**	**39,999**	**434,338**	**1,084,258**	**6,801,121**	**9,899,711**	**9,406**	**9,909,117**
Dividend paid		-	-	-	-	-	-	-	-	-	-	-	-
Transfer to legal reserves		-	-	-	-	-	-	56,249	-	(56,249)	-	-	-
Profit for the period		-	-	-	-	-	-	-	-	1,263,072	1,263,072	6,151	1,269,223
Other comprehensive income for the period		-	-	-	(105,318)	660,046	(44,119)	-	-	-	510,609	(50)	510,559
Total comprehensive income		-	-	-	(105,318)	660,046	(44,119)	-	-	1,263,072	1,773,681	6,101	1,779,782
At 31 December 2020		**2,204,390**	**2,565**	**200,262**	**(85,790)**	**(226,704)**	**(4,120)**	**490,587**	**1,084,258**	**8,007,944**	**11,673,392**	**15,507**	**11,688,899**

		Attributable to owners of the parent											
	Notes	Share capital	Premium in excess of par	Adjustment to share capital	Financial assets at fair value through equity	Reserve for hedging funds	Remeasurements on employee benefits	Legal reserves	Other capital reserves	Retained earnings	Total equity attributable to equity holders of the Parent	Non-controlling interest	Total equity
At 31 December 2020		**2,204,390**	**2,565**	**200,262**	**(85,790)**	**(226,704)**	**(4,120)**	**490,587**	**1,084,258**	**8,007,944**	**11,673,392**	**15,507**	**11,688,899**
Dividend paid		-	-	-	-	-	-	-	-	-	-	(5,183)	(5,183)
Transfer to legal reserves		-	-	-	-	-	-	60,319	-	(60,319)	-	-	-
Profit for the period		-	-	-	-	-	-	-	-	2,072,345	2,072,345	8,166	2,080,511
Other comprehensive income for the period		-	-	-	(109,358)	519,503	(118,965)	-	-	-	291,180	(273)	290,907
Total comprehensive income		-	-	-	(109,358)	519,503	(118,965)	-	-	2,072,345	2,363,525	7,893	2,371,418
At 31 December 2021		**2,204,390**	**2,565**	**200,262**	**(195,148)**	**292,799**	**(123,085)**	**550,906**	**1,084,258**	**10,019,970**	**14,036,917**	**18,217**	**14,055,134**

CONSOLIDATED STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED 31 DECEMBER 2021

(Amounts expressed in thousands of Turkish Lira ("TL") unless otherwise stated.)

	Notes	1 January - 31 December 2021	1 January - 31 December 2020
Cash flows from operating activities			
Interest received		15,800,236	11,709,201
Interest paid		(10,463,080)	(6,814,418)
Fees and commissions received		2,596,229	1,473,868
Trading loss		(10,650,360)	(4,231,330)
Collection from impaired loans		1,140,863	1,610,390
Fees and commissions paid		(1,484,248)	(914,396)
Cash payments to employees and other parties		(1,898,007)	(1,617,884)
Other operating expenses		29,688,141	7,908,875
Income taxes paid	17	(471,351)	(365,266)
Cash flows from operating activities before changes in operating assets and liabilities		**24,258,423**	**8,759,040**
Changes in operating assets and liabilities			
Net (increase) in financial assets through profit or loss		(1,167,274)	(329,252)
Net (increase) / decrease in reserve deposits at central banks		(8,813,855)	(1,746,172)
Net decrease in loans and advances due from banks		(989,292)	408,635
Net (increase) in loans and advances to customers		(23,911,909)	(14,814,536)
Net (increase) / decrease in factoring receivables		(2,127,183)	(420,035)
Net (increase) / decrease in other assets		(789,293)	200,446
Net increase / (decrease) in deposits from credit institutions		(5,467,047)	7,079,947
Net increase in deposits from customers		15,268,789	5,465,233
Net increase / (decrease) in other money market deposits		2,283,919	4,893,542
Net increase in factoring payables		12,298	8,167
Net increase / (decrease) in other liabilities		1,672,459	(248,083)
Net cash provided by / (used in) operating activities		**(24,028,388)**	**497,892**
Cash flows from investing activities			
Purchases of securities at FVOCI	6	(3,472,651)	(6,174,641)
Proceeds from sale and redemption of securities at FVOCI	6	6,749,988	3,621,407
Purchases of securities at amortised cost	6	(6,645,155)	(7,591,794)
Proceeds from sale and redemption of securities at amortised cost	6	2,016,874	823,184
Purchases of property, plant and equipment	9	(233,258)	(130,040)
Proceeds from the sale of premises and equipment		4,272	4,446
Purchases of intangible assets	10	(120,824)	(89,035)
Net cash provided by / (used in) investing activities		**(1,700,754)**	**(9,536,473)**
Cash flows from financing activities			
Proceeds from funds borrowed and issued debt securities	15	25,409,657	24,216,106
Repayment of funds borrowed and issued debt securities	15	(18,882,366)	(19,344,434)
Dividends paid to equity holders of the parent		(5,183)	-
Net cash provided by / (used in) financing activities		**6,522,108**	**4,871,672**
Effect of net foreign exchange difference on cash and cash equivalents		2,128,252	1,432,624
Net (increase) / decrease in cash and cash equivalents		7,179,641	6,024,755
Cash and cash equivalents at the beginning of the period	5	24,235,224	18,210,469
Cash and cash equivalents at the end of the period	**5**	**31,414,865**	**24,235,224**

The accompanying policies and explanatory notes are an integral part of these consolidated financial statements.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

1. CORPORATE INFORMATION

General

Türk Ekonomi Bankası Anonim Şirketi ("TEB" or "The Bank" or "The Parent Bank"), which had been a local bank incorporated in Kocaeli in 1927 under the name of Kocaeli Halk Bankası T.A.Ş., was acquired by the Çolakoğlu Group in 1982. Its title was changed as Türk Ekonomi Bankası A.Ş. and its headquarters moved to İstanbul. On 10 February 2005, BNP Paribas took over 50% of shares of TEB Holding A.Ş. Consequently, BNP Paribas became indirect shareholder of TEB with 42.125% ownership. In 2009, BNP Paribas Group successively acquired 75% of Fortis Bank Belgium and 66% of Fortis Bank Luxembourg and became the shareholder holding the majority of the shares of Fortis Bank Turkey. The indirect majority shareholders of TEB which are BNP Paribas and Çolakoğlu Group have agreed on the merger of TEB and Fortis Bank under the trademark of TEB and following the authorizations obtained from the regulatory authorities on 14 February 2011 the legal merge of two banks has been completed. As a result of the merger TEB Holding has the majority stake of 55% in TEB and Çolakoğlu Group and BNP Paribas have 50% shares in TEB Holding.

The shareholders' structure and their respective ownerships are summarized below as of 31 December 2021 together with the comparative information as of 31 December 2020:

	31 December 2021		31 December 2020	
Name of shareholders	**Paid in capital**	**%**	**Paid in capital**	**%**
TEB Holding A.Ş.	1,212,415	55.00	1,212,415	55.00
BNP Yatırımlar Holding A.Ş.	518,342	23.51	518,342	23.51
BNP Paribas Fortis Yatırımlar Holding A.Ş.	467,879	21.23	467,879	21.23
BNP Paribas SA	5,253	0.24	5,253	0.24
Kocaeli Ticaret Odası	501	0.02	501	0.02
	2,204,390	**100.00**	**2,204,390**	**100.00**

TEB Holding A.Ş. is a member of both Çolakoğlu and BNP Paribas groups. 50% of the shares of TEB Holding A.Ş. are controlled by BNP Paribas, while the remaining 50% is controlled by Çolakoğlu Group. BNP Paribas Fortis Yatırımlar Holding A.Ş. is controlled by BNP Paribas Fortis NV/SA whose shareholders are BNP Paribas Fortis NV/SA by 100% shares, respectively. 100% of the shares of BNP Yatırımlar Holding are controlled by BNP Paribas SA.

As of 31 December 2021, the Bank's paid-in-capital consists of 2,204,390,000 shares of TL1.00 (full TL) nominal each.

The registered office address of TEB is TEB Kampüs C ve D Blok, Saray Mahallesi, Sokullu Caddesi, No: 7A-7B Ümraniye-İstanbul/Turkey.

For the purposes of the accompanying consolidated financial statements, the Bank and its consolidated subsidiaries are referred to as the "Group".

The consolidated financial statements of the Group were authorized for issuance by Board of Directors on 25 February 2022. The General Assembly and certain regulatory bodies have the power to amend the statutory financial statements after issue.

Nature of Activities of the Group

The operations of the Group consist of banking, factoring, securities brokerage, portfolio management and software development which all are conducted mainly for local customers.

The subsidiaries included in the consolidation and the effective shareholding percentages of the Group as of 31 December 2021 and 31 December 2020 are as follows:

	Place of Incorporation	**Effective Shareholding And Voting Rights %**	
		31 December 2021	**31 December 2020**
TEB Yatırım Menkul Değerler A.Ş. (TEB Yatırım)	Turkey	100.00	100.00
TEB Faktoring A.Ş. (TEB Faktoring)	Turkey	100.00	100.00
TEB Portföy Yönetimi A.Ş. (TEB Portföy)	Turkey	54.74	54.74
TEB ARF Teknoloji A.Ş (TEB ARF)	Turkey	100.00	100.00

1. CORPORATE INFORMATION (Continued)

The principal activities of the consolidated subsidiaries are as follows:

TEB Yatırım – Rendering fixed income and equity brokerage and corporate finance services in line with the rules of the Capital Markets Board of Turkey.

TEB Faktoring – Providing both domestic and export factoring services to industrial and commercial enterprises in Turkey.

TEB Portföy – Managing individual customer portfolios and mutual funds which consist of capital market instruments.

TEB ARF – Research and development qualified software development activities.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

2.1 Basis of Preparation

The consolidated financial statements of the Group have been prepared in accordance with International Financial Reporting Standards ("IFRS"). These financial statements have been prepared under the historical cost convention, except for those assets and liabilities measured at fair value.

The Bank and its subsidiaries which are incorporated in Turkey maintain their books of account and prepare their statutory financial statements in accordance with the regulations on accounting and reporting framework and accounting standards which are determined by the provisions of Turkish Banking Law and accounting standards promulgated by the other relevant laws and regulations. The consolidated financial statements have been prepared in accordance with IFRS and presented in Turkish Lira ("TL"). For the purpose of fair presentation in accordance with IFRS, certain adjustments and reclassifications have been made to the statutory financial statements.

2.2 Accounting Policies, Judgments and Estimates

a) Judgments and Estimates

The preparation of the financial statements in accordance with IFRS, including International Accounting Standards (IAS) requires management to make estimates and assumptions that are reflected in the measurement of income and expenses in the statement of income and in the carrying value of assets and liabilities in the balance sheet, and in the disclosure of information in the notes to the financial statements. Managers do exercise judgment and make use of information available at the date of the preparation of the financial statements in making these estimates. The actual future results of operations in respect of the areas where these judgments and estimates have been made may in reality be different than those estimates. This may have a material effect on the consolidated financial statements.

The judgments and estimates that may have a significant effect on amounts recognised in the consolidated financial statements are discussed in the relevant sections below.

b) Functional and Presentation Currency

Functional and Presentation Currency for the Bank and Its Subsidiaries Which Operate in Turkey:

Functional currency of the Bank and its subsidiaries, which operate in Turkey, is Turkish Lira ("TL").

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

c) Foreign Currency Translation

The consolidated financial statements are presented in TL, which is the Group's functional and presentation currency. Each entity in the Group determines its own functional currency and items included in the financial statements of each entity are measured using that functional currency. Transactions in foreign currencies are initially recorded in the functional currency rate ruling at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are retranslated at the functional currency rate of exchange ruling at the balance sheet date. All differences are recognised in the income statement.

Foreign currency translation rates used by the Bank as of respective year-ends are as follows:

	EUR / TL	USD / TL
31 December 2020	9.07	7.38
31 December 2021	15.19	13.39

d) Basis of Consolidation and Goodwill

The consolidated financial statements comprise the financial statements of the Bank and its subsidiaries, as at 31 December of each year.

Subsidiaries are entities over which the Group controls because the Group is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. Subsidiaries in which the Group obtained power directly from the voting rights, or has power to govern the financial and operating policies under a statute or agreement are subject to consolidation. The existence and effect of substantive rights, including substantive potential voting rights, are considered when assessing whether the Group has power over another entity. For a right to be substantive, the holder must have practical ability to exercise that right when decisions about the direction of the relevant activities of the investee need to be made. The Group may have power over an investee even when it holds less than majority of voting power in an investee. In such a case, the Group assesses the size of its voting rights relative to the size and dispersion of holdings of the other vote holders to determine if it has de-facto power over the investee. Protective rights of other investors, such as those that relate to fundamental changes of investee's activities or apply only in exceptional circumstances, do not prevent the Group from controlling an investee.

The consolidated financial statements incorporate the financial statements of the Bank and entities (including structured entities) controlled by the Bank and its subsidiaries. Control is achieved when the Bank:

- has power over the investee;
- is exposed, or has rights, to variable returns from its involvement with the investee; and
- has the ability to use its power to affect its returns.

The Bank reassesses whether or not it controls an investee if facts and circumstances indicate that there are changes to one or more of the three elements of control listed above.

Subsidiaries are fully consolidated from the date of acquisition, referring to the date on which control is transferred to the Group and are deconsolidated from the date on which control is transferred out of the Group.

The financial statements of the subsidiaries are prepared for the same reporting period as the Bank, using consistent accounting policies.

All intra-group balances, transactions, and unrealized gains on intra-group transactions are eliminated; unrealized losses are also eliminated unless the transaction provides evidence of impairment of the asset transferred.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

d) Basis of Consolidation and Goodwill (continued)

The acquisition method of accounting is used for acquired businesses. The acquisition method of accounting includes allocating the cost of the business combination to the fair value of assets acquired and liabilities and contingent liabilities assumed at the date of acquisition. Goodwill is measured as the excess of the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree, and the fair value of the acquirer's previously held equity interest in the acquiree (if any) over the net of the acquisition-date amounts of the identifiable assets acquired and the liabilities assumed. If, after reassessment, the net of the acquisition-date amounts of the identifiable assets acquired and liabilities assumed exceeds the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree and the fair value of the acquirer's previously held interest in the acquiree (if any), the excess is recognised immediately in the income statement as a bargain purchase gain. Goodwill is reviewed for impairment, annually or more frequently if events or changes in circumstances indicate that the carrying value may be impaired. This requires an estimation of the value in use of the cash-generating units to which the goodwill is allocated. For the purpose of impairment testing, goodwill acquired in a business combination is, from the acquisition date, allocated to cash generating units. There is no negative bargain purchase gain recognised by the Group.

e) Property, Plant and Equipment

Property, plant and equipment are stated at cost less accumulated depreciation and accumulated impairment in value.

Depreciation is calculated on a straight-line basis over the estimated useful lives of the assets as follows:

Buildings and land improvements	50 years
Furniture, fixtures and office equipment and others	5-15 years

The residual values, useful lives and depreciation methods are reviewed, and adjusted if appropriate, at each year end.

The carrying values of premises and equipment are reviewed for impairment when events or changes in circumstances indicate the carrying value may not be recoverable. If any such indication exists and where the carrying values exceed the estimated recoverable amount, the assets of cash generating units are written down to their recoverable amount. The recoverable amount is defined as the amount that is the higher of the asset’s fair value less costs to sell and value in use. Impairment losses are recognised in the income statement.

An item of premises and equipment is derecognised upon disposal or when no future economic benefits are expected from its use or disposal. Any gain or loss arising on derecognition of the asset (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in the income statement in the year the asset is derecognised.

f) Intangible Assets

Intangible assets acquired are capitalized at cost. Following initial recognition intangible assets are carried at cost less any accumulated amortization and any accumulated impairment losses. Intangible assets with finite lives are amortised on a straight-line basis over the best estimate of their useful lives and assessed for impairment whenever there is an indication that the intangible asset may be impaired. There is no impairment recorded related to intangible assets. The amortization period and the amortization method for an intangible asset with a finite useful life are reviewed at least at each financial year-end. Changes in the expected useful life or the expected pattern of consumption of future economic benefits embodied in the asset is accounted for by changing the amortization period or method, as appropriate, and treated as changes in accounting estimates.

The Group amortises intangible assets with a finite life on a straight-line basis over the estimated useful lives of 3 to 5 years. There are no intangible assets with indefinite useful lives, other than goodwill.

Gains or losses arising from the derecognition of an intangible asset are measured as the difference between the net disposal proceeds and the carrying amount of the asset and are recognised in the income statement when the asset is derecognised.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

g) Financial Assets

The Group classifies its financial assets in the following categories: “Financial Assets at Fair Value Through Profit or Loss”; “Financial Assets Measured at Fair Value Through Other Comprehensive Income” or “Financial Assets Measured at Amortised Cost”. The financial assets are recognised or derecognised in accordance with the “Recognition and Derecognition” principles defined as per the classification and measurement of financial instruments of the "IFRS 9 Financial Instruments" standard. At initial recognition, financial assets are measured at fair value. In the case of financial assets are not measured at fair value through profit or loss, transaction costs are added or deducted to/from their fair value.

The Group recognises a financial asset in the financial statement when, and only when, the Group becomes a party to the contractual provisions of the instrument. When the Group first recognises a financial asset, the business model and the characteristics of contractual cash flows of the financial asset are considered by management.

Financial Assets at Fair Value Through Profit or Loss

Financial assets at fair value through profit or loss are financial assets that are managed by business model other than the business model that aims to “hold to collect” and “hold & sell” the contractual cash flows; acquired for the purpose of generating profit from short-term fluctuations in price, or regardless of this purpose, the financial assets that are a part of a portfolio with evidence of short-time profit-taking; and the financial assets, whose terms do not give rise to cash flows that are solely payments of principal of interest at certain dates. Financial assets at fair value through profit or loss are initially recognised at fair value and are subsequently measured at fair value. Gain and losses upon their valuation are accounted for under the profit or loss accounts.

Equity securities classified as financial assets at fair value through profit or loss are recognised at fair value.

As of 31 December 2021, the Group has reviewed the valuation of financial assets at fair value through other comprehensive income due to the adverse effects of the COVID-19 outbreak and there is no change that would require any adjustment in the fair value measurement as of the reporting date.

Accounting policies related to derivative financial instruments at fair value through profit or loss are explained in Note 18.

Financial Assets at Fair Value Through Other Comprehensive Income

Financial assets are classified as financial assets at fair value through other comprehensive income where the business models aim to hold financial assets in order to collect the contractual cash flows and selling assets and the terms of financial asset give rise to cash flows that are solely payments of principal of interest at certain dates.

Financial assets at fair value through other comprehensive income are recognised at acquisition costs that reflect their fair value by adding transaction costs. Financial assets at fair value through other comprehensive income are subsequently measured at their fair value. The interest income of financial assets at fair value through other comprehensive income that are calculated using effective interest rate method is reflected in the statement of income. The difference between the fair value of the financial assets at fair value through other comprehensive income and the amortised cost of the financial assets, i.e. "Unrealized gains and losses", is not recognised in the statement of income until the realization of the financial asset, the sale of the asset, i.e. the disposal of the asset or being impaired of the asset are accounted under "Other Accumulated Comprehensive Income or Expenses that will be reclassified at Profit or Loss" under shareholders' equity. Accumulated fair value differences under equity are reflected to the statement of income when such securities are collected or disposed.

The Group may elect at initial recognition to irrevocably designate an equity investment at fair value other comprehensive income where those investments are hold for purposes other than to generate investments returns. When this election is used, fair value gains and losses are recognised in other comprehensive income and are not subsequently reclassified to profit or loss. Dividends that represent a return on the investment continue to be recognised in profit or loss in the financial statements.

All equity instruments classified as financial assets at fair value through other comprehensive income are measured at fair value. However, in limited circumstances, cost may be an appropriate estimate of fair value. That may be the case if insufficient more recent information is available to measure fair value, or if there is a wide range of possible fair value measurements and cost represents the best estimate of fair value within that range.

As of 31 December 2021, the Parent Bank has reviewed the valuation of equity instruments at fair value through other comprehensive income due to the adverse effects of the COVID-19 outbreak, and as of the reporting date, there is no change that would require an adjustment in the fair value measurement.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

g) Financial Assets (continued)

Financial investments measured at amortised cost:

A financial asset is classified as a financial asset measured at amortised cost when the Group’s policy within a business model is to hold the asset to collect contractual cash flows and the terms give rise to cash flows that are solely payments of principal of interest at certain dates.

Financial asset measured at amortised cost is recognised at cost which represents its fair value at initial recognition by adding the transaction costs and subsequently measured at amortised cost by using the effective interest rate method. Interest income related to the financial asset measured at amortised cost is recognised in the statement of income.

Loans:

Loans are financial assets to fund borrowers with fixed or determinable payment terms which are not traded on an active market and measured at amortised cost is recognised at cost which represents its fair value at initial recognition by adding the transaction costs and subsequently measured at amortised cost by using the effective interest rate method.

h) Repurchase and Resale Transactions

The Group enters into sales of securities under agreements to repurchase such securities at a fixed price at a fixed future date. Such securities, which have been sold subject to a repurchase agreement (‘repos’), are recognised in the balance sheet and are measured in accordance with the accounting policy of the security portfolio which they belong to. Securities sold subject to repurchase agreements (‘repos’) are referred to as loaned securities when the transferee has the right by contract or custom to sell or repledge the collateral. The counterparty liability for amounts received under these agreements is included in other money market deposits. The difference between sale and repurchase price is treated as interest expense and accrued over the life of the repurchase agreement using the effective interest method.

Securities purchased with a corresponding commitment to resell at a fixed price at a specified future date (‘reverse repos’) are not recognised in the balance sheet, as the Group does not obtain control over the assets. Amounts paid under these agreements are included in other money market placements. The difference between purchase and resale price is treated as interest income and accrued over the life of the reverse repurchase agreement using the effective interest method.

i) Netting of Financial Assets and Liabilities

Financial assets and liabilities are offset and the net amount is reported in the balance sheet when there is a legally enforceable right to offset the recognised amounts and there is an intention to settle on a net basis or realize the asset and settle the liability simultaneously. Such a right of set off (a) must not be contingent on a future event and (b) must be legally enforceable in all of the following circumstances: (i) in the normal course of business, (ii) the event of default and (iii) the event of insolvency or bankruptcy.

j) Recognition and Derecognition of Financial Instruments

The Group recognises a financial asset or financial liability in the balance sheet only when it becomes a party to the contractual provisions of the instrument.

The Group recognises all regular way purchases and sales of financial assets on the settlement date i.e. the date that the asset is delivered. Regular way purchases or sales are purchases or sales of financial assets that require delivery of assets within the time frame generally established by regulation or convention in the market place. Changes in fair value of assets to be received during the period between the trade date and the settlement date are accounted for in the same way as the acquired assets i.e. for assets carried at cost or amortised cost; change in value is not recognised.

The Group derecognises a financial asset (or, where applicable a part of a financial asset or part of a group of similar financial assets) when the rights to receive cash flows from the asset have expired; or while retaining the right to receive cash flows from the asset the Group has also assumed an obligation to pay them in full without material delay to a third party; or the Group has transferred its rights to receive cash flows from the asset and either has transferred substantially all the risks and rewards of the asset, or has transferred the control of the asset.

Except for equity instruments measured at FVOCI, the total amount consisting of the gain or loss arising from the difference between the book value and the amount obtained and any accumulated gain directly accounted in equity shall be recognised in profit or loss.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

j) Recognition and Derecognition of Financial Instruments (continued)

The Group does not have any assets where the Group has transferred its rights to receive cash flows from an asset and has neither transferred nor retained substantially all the risks and rewards of the asset nor transferred control of the asset that is recognised to the extent of the Group's continuing involvement in the asset.

The Group derecognises a financial liability when the obligation under the liability is discharged or cancelled or expires.

When an existing 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 a new liability, and the difference in the respective carrying amounts is recognised in profit or loss.

k) Impairment of Financial Assets

As of 1 January 2018, a loss allowance for expected credit losses is provided for all financial assets measured at amortised cost and financial assets measured at fair value through other comprehensive income, all financial assets, which are not measured at fair value through profit or loss, loan commitments and financial guarantee contracts in accordance with IFRS 9 principles. Equity instruments are not subject to impairment assessment as they are measured at fair value.

Measurement of the expected credit losses reflects:

- Time value of money
- Reasonable and supportable information on past events, current conditions and forecasts of future economic conditions at the reporting date

Expected credit losses include an unbiased and probability-weighted amount that is determined by evaluating a range of possible outcomes; reasonable and supportable information that is available without undue cost or effort at the reporting date about past events, current conditions and forecasts of future economic conditions and the time value of money. The financial assets are divided into three categories depending on the gradual increase in credit risk observed since their initial recognition:

Stage 1:

For the financial assets at initial recognition or that do not have a significant increase in credit risk since initial recognition. Impairment for credit risk is recorded in the amount of 12-month expected credit losses.

Stage 2:

In the event of a significant increase in credit risk since initial recognition, the financial asset is transferred to Stage 2. Impairment for credit risk is determined on the basis of the instrument's lifetime expected credit losses. Following criteria have been taken into account in classification a financial asset as Stage 2:

- Loans having past due more than 30 days and less than 90 days
- Restructured loans
- Concordatum files
- Significant deterioration in probability of default

In the case of the occurrence of any of the first three items above, it is classified under Stage 2 loans regardless of the comparison between probabilities of default.

Significant deterioration in probability of default is considered as significant increase in credit risk and the financial assets is classified under Stage 2 loans. In this regard, it is assumed that the probability of default deteriorates, if the probability of default exceeds the thresholds determined by the Bank's internal rating based credit rating models.

Stage 3:

Stage 3 includes financial assets that have objective evidence of impairment at the reporting date. For these assets, lifetime expected credit losses are recognised and interest revenue is calculated on the net carrying amount.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

l) Expected Credit Loss Calculation

Expected credit loss calculation refers to the calculation to estimate the loss of the financial instrument in case of default and it is based on 3-stage impairment model based on the change in credit quality. The Bank uses two different calculations considering 12-month and lifetime probability of default of the financial instruments.

If there is a significant increase in credit risk between the origination date and the reporting date of the loan, the lifetime probability of default is used and if there is no significant increase in credit risk the 12-month probability of default is used.

There are mainly three loan portfolios as commercial, retail and sovereign portfolios.

While the Bank uses the internal credit ratings for commercial portfolios, the internal behavioral scores for the retail portfolios is used. It is determined whether there is any significant increase in credit risk by comparing the credit ratings/behavioral scores at the origination date and reporting date for both portfolios.

Default Definition: Debts having past due more than 90 days; in addition, the fact that an obligor is unlikely to pay its credit obligations, it should be considered as defaulted regardless of the existence of any past-due amount or of the number of days past due.

The Parent Bank considers different scenarios in the calculation of expected credit loss by evaluating current economic conditions and expert opinions. Accordingly, the macroeconomic value estimates taken into account in the expected loss provision calculation are presented below.

	2021				2022				2023				2024				2025			
Period(*)	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
GDP	7.0	21.3	6.4	5.7	4.6	3.8	2.8	2.8	3.4	4.1	4.2	4.2	4.1	4.0	4.1	4.0	3.9	3.9	4.1	4.3

(*) It represents 3-month periods.

The Bank does not have any financial asset as purchased or originated credit-impaired.

Probability of Default (PD): PD represents the likelihood of default over a specified time period. Based on the historical data, 1-year PD of a customer is calculated for each portfolio on the basis of credit ratings and behavioral scores. PDs and LGDs used in the ECL calculation are point in time ("PIT") based on key portfolios and consider both current conditions and expected cyclical changes. Two types of probability of default are calculated.

- 12-Month PD: as the estimated probability of default occurring within the next 12 months.

- Lifetime PD: as the estimated probability of default occurring over the remaining life of the financial instrument.

Internal rating systems are used to measure the risk of both commercial and retail portfolios. The internal rating models used in the commercial portfolio include the customer's financial information and the answers to the qualitative question set. Behavioral score cards used in the retail portfolio include the behavioral data of the customer and the product in the Bank, the demographic information of the customer and the behavioral data of the customer in the sector. The probability of default is calculated based on historical data, current conditions and prospective macroeconomic expectations.

Loss Given Default (LGD): If a loan defaults, it represents the economic loss incurred on the loan. It is expressed as a percentage.

The Bank calculates the recovery rates for each portfolio in a way that include the collateral types and several risk elements, and it is ensured that the time value of money is included into the calculation by discounting of these recoveries to the reporting date. The collaterals included in "Communique on Credit Risk Mitigation Techniques" is taken into account with their rules in the communique. The remaining part is considered as unsecured portfolio and loss given default rate determined for this portfolio is applied.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

l) Expected Credit Loss Calculation (continued)

Exposure at Default (EAD): The EAD represents an estimate of the exposure to credit risk at the time of a potential default occurring during the life of a financial instrument. The expected default amount is calculated by discounting the principal and interest repayments for cash loans and income accruals by effective interest method while it refers to the value calculated through using credit conversion factors for non-cash loans and commitments. It shows the risk of the borrower at the date of default.

Effective interest rate: the discount factor which reflects the time value of money.

Lifetime ECL is calculated by taking into account the period during which the Bank will be exposed to credit risk. The maturity information defined for all cash and non-cash loans is used in the calculation of the expected credit loss along with their maturity and payment plans. The maturity refers to the contractual life of a financial instruments unless there is the legal right to call it earlier. The maturity analysis and credit risk mitigation processes such as cancellation/revision of the limits have been developed for the definition of behavioral maturity for loans that do not have maturity information and revolving loans.

When expected credit losses are estimated, it is considered that three different macroeconomic scenarios as ”Base”, “Adverse” and “Favorable” and the weighted average of the results of this scenarios is taken into account. Forward-looking PDs based on the weighted average of these three scenarios are calculated on segment basis. The fundamental macroeconomic variable in the macroeconomic models is the estimated annual growth rate in gross national product (GDP) The Bank periodically reviews the parameters included in the calculation and updates them when necessary.

Expected Credit Loss Calculation of Stage 1 Loans: It is calculated by considering 12-month (1 year) PDs for the financial assets measured at amortised cost, which do not reflect a significant increase in credit risk. Therefore, it is a part of the lifetime expected credit losses. Such expected 12- month PDs are applied on an expected exposure at default, multiplied with loss given default rate and discounted with the original effective interest rate.

In the case of the current default rate is below a defined threshold without comparison with the origination date, the related loans are classified under Stage 1 loans by considering their credit qualities. Treasury Bills and CBRT balances are classified under Stage 1 loans. In addition, the institutions Related to risk group of the Bank and other banks’ placements are classified under Stage 1 loans.

Expected Credit Loss Calculation of Stage 2 Loans: It is calculated by considering lifetime PDs for the loans which has shown a significant increase in credit risk since origination. Such expected lifetime PDs are applied on an expected exposure at default, multiplied with loss given default rate and discounted with the original effective interest rate.

In determining of the significant increase in credit risk, qualitative and quantitative assessments are performed.

Qualitative assessments:

The loans with a delay on repayment more than 30 days are classified under Stage 2 loans. In addition, the restructured loans are also classified under this stage.

The Bank periodically reviews the parameters included in the calculation and updates them when necessary.

Quantitative assessments:

“Significant increase in credit risk” is quantitatively based on the comparison the risk of default at the reporting date with the risk of default at the date of initial recognition. The change above the defined threshold is considered as significant increase in the credit risk, meaning that the credit is classified under Stage 2 loans.

In the case of the internal credit rating of the loan is above a defined threshold without comparison with the origination date, the related loans are classified under Stage 2 loans.

Expected Credit Loss Calculation of Stage 3 Loans: Lifetime expected credit losses are booked for the loans considered as impaired. When calculating the provisions by discounting the individual cash flow expectations for financial instruments which are above a defined threshold, loss given default rates are taken into account in case of default for financial instruments which are below the defined threshold.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

m) Interest - Bearing Deposits and Borrowings

All deposits and borrowings are initially recognised at the fair value of consideration received less directly attributable transaction costs. After initial recognition interest-bearing deposits and borrowings are subsequently measured at amortised cost using the effective interest method. Gains or losses are recognised in the income statement when the liabilities are derecognised as well as through the amortization process.

n) Employee Benefits

Defined Benefit Plans

In accordance with existing social legislation in Turkey, the Bank is required to make lump-sum termination indemnities over a 30 day salary to each employee who has completed over one year of service, whose employment is terminated due to retirement or for reasons other than resignation or misconduct, and due to marriage, female employees terminating their employments within a year as of the date of marriage, or male employees terminating their employments due to their military service. The Bank is also required to make a payment for the period of notice calculated over each service year of the employee whose employment is terminated for reasons other than resignation or misconduct. Total benefit is calculated in accordance with IAS No: 19 "Employee Benefits".

Such benefit plans are unfunded since there is no funding requirement in Turkey. The cost of providing benefits to the employees for the services rendered by them under the defined benefit plan is determined by independent actuaries annually using the projected unit credit method. All actuarial gains and losses are recognised in the other comprehensive income.

In calculating the related liability to be recorded in the financial statements for these defined benefit plans, the Group uses independent actuaries and also makes assumptions and estimation relating to the discount rate to be used, turnover of employees, future change in salaries/limits, etc. These estimations are reviewed annually. The carrying value of provision for employee termination benefits as of 31 December 2021 is TL500,668 (31 December 2020: TL297,060).

Employees transferred to the Bank following the business combination defined in "General Information" of the Bank and Fortis Bank A.Ş. are the members of "Fortis Bank A.Ş. Mensupları Emekli Sandığı Vakfı" (the "Pension Fund") which was established in May 1964 under the Provisional Article 20 of Social Insurance Law No: 506. Technical financial statements of the Pension Fund are reviewed by a licensed actuary in accordance with Article 38 of the Insurance Supervisory Law and the "Actuary Regulations" issued based on the same article. As of 31 December 2021, the Pension Fund has 1,414 employees and 1,238 pensioners (31 December 2020: 1,505 employees and 1,191 pensioners).

Provisional Article 23 (1) of Banking Law No: 5411 (the "Banking Law") published in the Official Gazette repeated no: 25983 on 1 November 2005 requires the transfer of bank funds to the Social Security Institution (the "SSI") within 3 years after the effective date of the Banking Law and the related paragraph also sets out the basis for the related transfer. However, Article 23 (1) of Banking Law No: 5411 was annulled based on the Constitutional Court's ruling issued on 22 March 2007 and ruled for the stay of execution as of 31 March 2007. The related Court ruling and its basis were published in the Official Gazette No: 26731 on 15 December 2007.

Following the publication of the said decree of the Constitutional Court, the Turkish Grand National Assembly (the "TGNA") initiated its studies on the development of new regulations in regards to the transfer of bank pension participations to the SSI and the related articles of the Social Security Law that are set out to determine the basis of fund transfers and new regulations became effective with its publication in the Official Gazette No: 26870 on 8 May 2008 and the completion of the transfer within 3 years starting from 1 January 2008. Upon the Council of Ministers' resolution issued in the Official Gazette, the transfer period has been extended for 2 years as of 14 March 2011. According to amendment on the social security and general health insurance law published in the Official Gazette dated 8 March 2012 numbered 6283, mentioned 2-year transfer period has been increased to 4 years. Upon the Council of Ministers' resolution dated 24 February 2014 issued in the Official Gazette No:28987 on 30 April 2014, mentioned transfer period has been extended for one more year while it has been extended for one year upon the Council of Ministers' resolution dated 8 April 2013 issued in the Official Gazette No:28636 on 3 May 2013. The Council of Ministers has been lastly authorized to determine the transfer date in accordance with the last amendment in the first paragraph of the 20th provisional article of Law No.5510 implemented by the Law No. 6645 on Amendment of the Occupational Health and Safety Law and Other Laws and Decree Laws published in the Official Gazette dated 23 April 2015 numbered 29335. According to paragraph (I) of Article 203 of Law no. 703 which published on the Official Gazette no. 30473 dated 9 July 2018, the phrase, placed in 20th provisional article of Social Insurance and General Health Insurance Law no.5510, "Council of Ministers" is authorized to determine the date of transfer to the Social Security Institution has been replaced with "President".

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

n) Employee Benefits (continued)

Defined Benefit Plans (Continued)

The Council of Ministers has been lastly authorized to determine the transfer date in accordance with the last amendment in the first paragraph of the 20th provisional article of Law No.5510 implemented by the Law No. 6645 on Amendment of the Occupational Health and Safety Law and Other Laws and Decree Laws published in the Official Gazette dated 23 April 2015 numbered 29335.

The technical financial statements of the Pension Fund are prepared by an independent actuary considering related regulation and the Fund is not required to provide any provisions for any technical or actual deficit in the financial statements based on the actuarial report prepared as of 31 December 2021. Since the Bank has no legal rights to carry the economic benefits arising from repayments of Pension Funds and/or decreases in future contributions at present value; no asset has been recognised in the balance sheet.

In addition, the Bank management anticipates that the amount of the liability that may arise during and after the transfer in the frame mentioned above will be sufficient to be met with the assets of Pension Fund and will not place any additional liability on the Bank.

According to “International Accounting Standard (IAS 19) about Benefits for Employee”, actuarial loss after tax amounting to TL119,185 (1 January - 31 December 2020: TL44,164 loss) was classified as “Other Comprehensive Income” in financial statements for the period of 1 January-31 December 2021 and as of 31 December 2021, TL123,085 of actuarial loss after tax (31 December 2020: TL4,120 loss) was accounted under “Remeasurement on Employee Benefits” for the period of 1 January – 31 December 2021.

o) Provisions

Provisions are recognised when the Group has a present obligation as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. The expense relating to any provision is presented in the income statement net of any reimbursement. If the effect of the time value of money is material, provisions are determined by undiscount the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and, where appropriate, the risks specific to the liability.

p) Leases

(a) The Group as Lessee

“IFRS 16 Leases” is effective from 1 January 2019. This Standard specifies the principles for the leasing, presentation and disclosure of leases. The purpose of the standard is to provide tenants and lessees with appropriate information and faithful representation. This information is the basis for evaluating the impact of the leases on the entity's financial position, financial performance and cash flows by users of financial statements. The Group has started to apply the related standard for the first time on 1 January 2019 by reflecting the application effects to the equity accounts.

Lease obligations under the contract in the amount of liabilities on the balance sheet equal to the sum of all cash payments and offset with the form shown gross interest expense arising from the contract. The right of use arising from the leasing transactions, at the date of commencement, the present value of the lease payments which have not been paid at that date is measured. In this measurement, if the interest can be easily determined, the implied interest rate in the lease is used. If this ratio is not easily determined, the Bank's alternative borrowing interest rate announced by the Asset and Liability Management Department is used.

IASB made amendments in IFRS 16 “Leases” standard by publishing the Concessions Granted in Lease Payments Regarding COVID-19 – “amendments regarding TFRS 16 Leases” in June 2020. With this amendment, exception is granted to lessee on the subject of not evaluating whether the privileges granted on lessees’ lease payments due to COVID-19 are changes on leasing or not. The subjected changes did not have a significant impact on the Group’s financial position or performance.

With the “IFRS 16 Leases” standard which became effective as of 1 January 2019, the difference between the operating lease and financial lease has been removed and the lease transactions are started to be recognized under “Property, plant and equipment” as an asset (tenure) and under “Other liabilities” as a liability.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

q) Factoring Receivables

Factoring receivables are recognised at original factored receivable amount less advances extended against factoring receivables, interest and factoring commissions charged, and are carried at amortised cost, which represents the fair value of consideration given, and subsequently remeasured at amortised cost less reserve for impairment.

r) Income and Expense Recognition

Interest income; when purchased or used according to the effective interest method specified in IFRS 9 (the ratio that equates to the present net value of the future cash flows of the financial asset or liability), credit-impaired financial assets and when purchased or granted, except for financial assets that are not credit-impaired financial assets but later become credit-impaired financial assets, are accounted for by applying an effective interest rate to the gross book value of the financial asset. While applying the effective interest rate method, the Parent Bank determines the fees that are an integral part of the effective interest rate of the financial instrument. Fees, which are an integral part of the effective interest rate of the financial instrument, are considered as adjustments to the effective interest rate, unless the financial instrument is measured at fair value through profit or loss. In such cases, these fees are recognized as income or expense when the financial instrument is recognized for the first time.

The Parent Bank, when applying the effective interest method, amortizes the fees, transaction costs and other premiums or discounts included in the calculation of the effective interest rate over the expected life of the financial instrument.

If there is an unpaid interest accrual prior to the acquisition of an interest-bearing security; subsequently collected interest is divided into pre-acquisition and post-acquisition periods and only the post-acquisition portion is reflected in the financial statements as interest income. If the expectations regarding the cash flows on the financial asset are revised for reasons other than credit risk, the change is reflected in the carrying value of the asset and the related income statement item and amortized over the estimated life of the financial instrument.

Interest income and expenses are recorded on accrual basis. As the interest income and expense is accrued, all tax liabilities are fulfilled.

Accrued but not collected interests and rediscounts of loans, those classified as non-performing (Stage 3) are not reversed and included in interest income.

The interest amount representing the time value of the future collections of the non-performing loans is recognized under interest income and fully provisioned. The income effect arising from the discount of the estimates of expected collection as getting closer to the estimated date of collection, is recorded under interest income.

Fees and commissions are generally recognised on an accrual basis when the service has been provided. Loan commitment fees for loans that are likely to be drawn down are deferred (together with related direct costs) and recognised as an adjustment to the effective interest rate of the loan. Commission and fees arising from negotiating or participating in the negotiation of a transaction for a third party are recognised on completion of the underlying transaction. Portfolio and other management advisory and service fees are recognised based on the applicable service contracts. Asset management fees and custody service fees that are continuously provided over an extended period of time are recognised ratably over the period service is provided.

Fee for bank transfers and other banking transaction services are recorded as income when collected.

s) Income Tax

Tax expense/(income) is the aggregate amount included in the determination of net profit or loss for the period in respect of current and deferred taxes.

The Group is subject to income taxes in various jurisdictions. Where there are matters causing the final tax outcome to be different from the amounts initially recorded, such differences will impact the income tax and deferred tax provisions in the period in which such determination is made. As of 31 December 2021, the Group carries TL13,357 of income taxes payable (31 December 2020: TL171,990 income), TL147,376 of deferred tax asset (31 December 2020: TL651,589) and has no deferred tax liability (31 December 2020: nil).

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

Current tax

Current tax assets and liabilities for the current and prior periods are measured at the amount expected to be recovered from or paid to the tax authorities. The tax rates and tax laws used to compute the amount are those that are enacted or substantially enacted by the balance sheet date.

According to the Article 32 of the Corporate Tax Law No. 5520, announced in the Official Gazette dated 21 June 2006, the corporate tax rate is 20% in Turkey. However, the corporate income tax rate has been applied as 22% for 3 the years between 2018-2020 regarding to the "Law on Amendment of Certain Tax Laws and Some Other Laws" numbered 7061 and published in the Official Gazette on 5 December 2017. With Article 11 of the Law No. 7316 on the Procedure for Collection of Public Claims and Amending Certain Laws, which was published in the Official Gazette dated 22 April 2021 and numbered 31462, and with the Provisional Article 13 added to the Corporate Tax Law No. 5520, the Corporate Tax rate applied as 25% for the corporate earnings of the 2021 taxation period and will be applied 23% for the corporate earnings of the 2022 taxation period.

Deferred tax

Deferred tax is provided, using the liability method, on all temporary differences at the balance sheet date between the tax bases of assets and liabilities and their carrying amounts for financial reporting purposes.

Deferred tax assets are recognised for all deductible temporary differences, carry-forward of unused tax credits and unused tax losses, to the extent that it is probable that taxable profit will be available against which the deductible temporary differences, carry-forward of unused tax credits and unused tax losses can be utilized.

The deferred tax is calculated using the enacted tax rates that are valid as of the balance sheet date in accordance with the tax legislation in force. As stated in the explanations regarding the Current Tax, the rates to be applied to the corporate earnings of the 2021 and 2022 taxation periods are determined as 25% and 23%, respectively. In the scope of IAS 12 Income Taxes standard, deferred tax assets or liabilities are calculated based on tax rates (and tax laws) that are in effect or nearly effective as of the end of the reporting period (balance sheet date), using tax rates expected to be applied in the periods when assets are converted into income or liabilities are paid. As of 31 December 2021, the Parent Bank evaluated its assets and liabilities according to their maturities, and deferred tax calculations were made according to the rate of 23% or 20% corresponding to the relevant maturities.

The carrying amount of deferred tax assets is reviewed at each balance sheet date and reduced to the extent that, in the management’s judgment, it is no longer probable that sufficient taxable profit will be available to allow all or part of the deferred tax asset to be utilized. Unrecognised deferred tax assets are reassessed at each balance sheet date and are recognised to the extent it has become probable that future taxable profit will allow the deferred tax asset to be recovered.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply to the period when the asset is realized or the liability is settled, based on tax rates (and tax laws) that have been enacted or substantially enacted at the balance sheet date.

Income tax relating to items recognised in other comprehensive income or directly in equity is recognised in other comprehensive income or directly in equity and not in the income statement.

Deferred tax assets and deferred tax liabilities are offset, if a legally enforceable right exists to set off current tax assets against current tax liabilities, and deferred taxes relate to the same taxable entity and the same taxation authority.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

t) Derivative Financial Instruments and Hedge Accounting

Derivatives at fair value through profit or loss

The Group enters into transactions with derivative instruments including forwards, swaps, options and futures in the foreign exchange and capital markets. Fair values of foreign currency forward and swap transactions are determined by comparing the period end foreign exchange rates with the contractual forward rates discounted to the balance sheet date with the current market rates. The resulting gain or loss is reflected in the income statement.

In the assessment of fair value of interest rate swap instruments, interest amounts to be paid or to be received due to/from the fixed rate on the derivative contract are discounted to the balance sheet date with the current applicable fixed rate in the market that is prevailing between the balance sheet date and the interest payment date, whereas interest amounts to be paid or to be received due to/from the floating rate on the derivative contract are recalculated with the current applicable market rates that are prevailing between the balance sheet date and the interest payment date and are discounted to the balance sheet date again with the current applicable market rates that are prevailing between the balance sheet date and the interest payment date. The differences between the fixed rate interest amounts and floating rate interest amounts to be received/paid are recorded in the profit/loss accounts in the current period.

Black and Scholes Model is used to measure the fair value of options. Options premiums are accrued on the start date. The valuation amount is composed of premiums valued at each valuation date. Premium to be paid calculated within this model is recorded as income, and the premium to be collected as expense.

Futures transactions are valued on a daily basis by the primary market prices and related unrealized gains or losses are reflected in the income statement.

All derivatives are carried as assets when their fair value is positive and as liabilities when it is negative. As of 31 December 2021, the carrying amount of derivative financial assets at fair value through profit or loss is TL6,331,976 (31 December 2020: TL1,752,609) and the carrying amount of derivative financial liabilities at fair value through profit or loss is TL4,159,177 (31 December 2020: TL2,260,343).

Derivatives and Hedge Accounting

The Parent Bank applies fair value hedge and cash flow hedge accounting. Hedging accounting is applied to prevent the fluctuations that may arise in the income statement in the short term as a result of the differences in the assets and resources in the balance sheet that are subject to interest rate risk and the valuation methods of derivative instruments that protect them from risk.

In the admission of the accounting policies, IFRS 9 presents the option of postponing the adoption of IFRS 9 hedge accounting and continuing to apply the hedge accounting provisions of IAS 39. Within this context, the Bank continues to apply the hedge accounting provisions of IAS 39.

During period where the relation between hedging instrument and the hedged item is measured;

a) Within the scope fair value hedge accounting, the fair value change of the hedged item is recognized in profit or loss,
b) Within the scope of cash flow hedge accounting, the fair value change of the hedged item is recognized in other comprehensive income and the ineffective part of the gain or loss arisen from the hedging instrument is booked in profit or loss.

At the inception of the hedge, the Bank prepares formal documentation of the hedging relationship identifying the hedged item, the hedging instrument, the hedging strategy, the type of risk covered and the methods used to assess the effectiveness of the hedging relationship. On inception and on a quarterly basis the effectiveness of the hedging relationship is assessed consistently with the original documentation. The details of the hedge accounting are explained in Note 18.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.2 Accounting Policies, Judgments and Estimates (Continued)

t) Fiduciary Assets

Assets held by the Group in a fiduciary, agency or custodian capacity for its customers are not included in the balance sheet, since such items are not treated as assets of the Group.

v) Segment Reporting

Operating segments are reported in a manner consistent with the internal reporting provided to the chief operating decision-maker. The chief operating decision-maker, who is responsible for allocating resources and assessing performance of the operating segments, has been identified as the steering committee that makes strategic decisions.

w) Interest Income and Expenses

Interest income and expense are recognised in the income statement for all interest bearing instruments whose cash inflows and outflows are known or can be estimated on an accrual basis using the effective interest method.

x) Fees and Commission Income and Expenses

Fees and commissions other than those that are an integral part of the effective interest of the financial instruments measured at amortised cost are accounted for in accordance with the Standard IFRS 15, Revenue from Contracts with Customers.

Fees and commissions on banking services, which are not an integral part of the effective interest, are recorded as income when they are earned.

All types of fees and commissions from customers related to cash loans, net of related transaction costs, are deferred in “commissions on cash loans” account and are recognised as part of interest income over the period of the loan using the effective interest method.

Bank assurance commission income from insurance companies are recognised as income on an accrual basis as the related service is provided.

The commissions on guarantees and credit related commitments or fees for periodic banking services, are deferred and recorded as income over the commitment period, except when a loan commitment is expected to result in a specific loan, in which case the fees is an integral part of the effective interest method. Credit fees and commission expenses paid to other companies and institutions regarding financial liabilities are discounted by effective interest rate and are recorded as expenses in the relevant period on accrual basis.

y) Dividend Income

The dividend income is reflected to the financial statements when the profit distribution decision is approved by the General Assembly of the associates and subsidiaries.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.3 New and Revised International Financial Reporting Standards

a) New and amended IFRS Standards that are effective for the current year

Amendments to IFRS 9, IAS 39, IFRS 7, IFRS 4 and IFRS 16 Interest Rate Benchmark Reform — Phase 2

The amendments in Interest Rate Benchmark Reform — Phase 2 (Amendments to IFRS 9, IAS 39, IFRS 7, IFRS 4 and IFRS 16) introduce a practical expedient for modifications required by the reform, clarify that hedge accounting is not discontinued solely because of the IBOR reform, and introduce disclosures that allow users to understand the nature and extent of risks arising from the IBOR reform to which the entity is exposed to and how the entity manages those risks as well as the entity's progress in transitioning from IBORs to alternative benchmark rates, and how the entity is managing this transition.

The amendments to IFRS 9, IAS 39, IFRS 7, IFRS 4 and IFRS 16 are all effective for annual periods beginning on or after 1 January 2021. Early application is permitted.

The impact of the changes on the Group's financials has been evaluated and did not have a significant impact. On the other hand, the Benchmark Interest Rate Reform process continues for some indicators and the Bank continues to work within the scope of adaptation to the changes. In this context, a working group was established within the scope of evaluating the impact of the interest rate reform on the financial statements and harmonization with the reform. As a result of the evaluations, it is expected that the effect of the relevant change on the consolidated financial statements will be limited.

b) New and revised IFRSs in issue but not yet effective

The Group has not yet adopted the following standards and amendments and interpretations to the existing standards:

IFRS 17	*Insurance Contracts*
Amendments to IAS 1	*Classification of Liabilities as Current or Non-Current*
Amendments to IFRS 3	*Reference to the Conceptual Framework*
Amendments to IAS 16	*Property, Plant and Equipment – Proceeds before Intended Use*
Amendments to IAS 37	*Onerous Contracts – Cost of Fulfilling a Contract*
Annual Improvements to IFRS Standards 2018-2020	*Amendments to IFRS 1, IFRS 9 and IAS 41*
Amendments to IFRS 4	*Extension of the Temporary Exemption from Applying IFRS 9*
Amendments to IFRS 16	*COVID-19 Related Rent Concessions beyond 30 June 2021*
Amendments to IAS 1	*Disclosure of Accounting Policies*
Amendments to IAS 8	*Definition of Accounting Estimates*
Amendments to IAS 12	*Deferred Tax related to Assets and Liabilities arising from a Single Transaction*
Amendments to IFRS 17	*Initial Application of IFRS 17 and IFRS 9 — Comparative Information*

IFRS 17 Insurance Contracts

IFRS 17 requires insurance liabilities to be measured at a current fulfillment value and provides a more uniform measurement and presentation approach for all insurance contracts. These requirements are designed to achieve the goal of a consistent, principle-based accounting for insurance contracts. IFRS 17 supersedes IFRS 4 Insurance Contracts as of 1 January 2023.

The amendments are not applicable for the Group and will not have an impact on the financial position or performance of the Group.

Amendments to IAS 1 *Classification of Liabilities as Current or Non-Current*

The amendments aim to promote consistency in applying the requirements by helping companies determine whether, in the statement of financial position, debt and other liabilities with an uncertain settlement date should be classified as current (due or potentially due to be settled within one year) or non-current.

Amendment defers the effective date by one year. Amendments to IAS 1 are effective for annual reporting periods beginning on or after 1 January 2023 and earlier application is permitted.

The amendments are not applicable for the Group and will not have an impact on the financial position or performance of the Group.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.3 New and Revised International Financial Reporting Standards (Continued)

b) New and revised IFRSs in issue but not yet effective (Continued)

Amendments to IFRS 3 *Reference to the Conceptual Framework*

The amendments update an outdated reference to the Conceptual Framework in IFRS 3 without significantly changing the requirements in the standard.

The amendments are effective for annual periods beginning on or after 1 January 2022. Early application is permitted if an entity also applies all other updated references (published together with the updated *Conceptual Framework*) at the same time or earlier.

The amendments are not applicable for the Group and will not have an impact on the financial position or performance of the Group.

Amendments to IAS 16 *Proceeds before Intended Use*

The amendments prohibit deducting from the cost of an item of property, plant and equipment any proceeds from selling items produced while bringing that asset to the location and condition necessary for it to be capable of operating in the manner intended by management. Instead, an entity recognizes the proceeds from selling such items, and the cost of producing those items, in profit or loss.

The amendments are effective for annual periods beginning on or after 1 January 2022. Early application is permitted.

The amendments are not applicable for the Group and will not have an impact on the financial position or performance of the Group.

Amendments to IAS 37 *Cost of Fulfilling a Contract*

The amendments specify that the ‘cost of fulfilling’ a contract comprises the ‘costs that relate directly to the contract’. Costs that relate directly to a contract can either be incremental costs of fulfilling that contract (examples would be direct labour, materials) or an allocation of other costs that relate directly to fulfilling contracts.

The amendments are effective for annual periods beginning on or after 1 January 2022. Early application is permitted.

The amendments are not applicable for the Group and will not have an impact on the financial position or performance of the Group.

Annual Improvements to IFRS Standards 2018-2020

Amendments to IFRS 1 *First time adoption of International Financial Reporting Standards*

The amendment permits a subsidiary that applies paragraph D16(a) of IFRS 1 to measure cumulative translation differences using the amounts reported by its parent, based on the parent’s date of transition to IFRSs.

The amendments are not applicable for the Group and will not have an impact on the financial position or performance of the Group.

Amendments to IFRS 9 *Financial Instruments*

The amendment clarifies which fees an entity includes in assessing whether to derecognize a financial liability. An entity includes only fees paid or received between the entity (the borrower) and the lender, including fees paid or received by either the entity or the lender on the other’s behalf.

The Group is in the process of assessing the impact of the amendments on financial position or performance of the Group.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.3 New and Revised International Financial Reporting Standards (Continued)

b) New and revised IFRSs in issue but not yet effective (Continued)

Amendments to IFRS 4 *Extension of the Temporary Exemption from Applying IFRS 9*

The amendment changes the fixed expiry date for the temporary exemption in IFRS 4 Insurance Contracts from applying IFRS 9 Financial Instruments, so that entities would be required to apply IFRS 9 for annual periods beginning on or after 1 January 2023.

The amendments are not applicable for the Group and will not have an impact on the financial position or performance of the Group.

Amendments to IFRS 16 *COVID-19 Related Rent Concessions beyond 30 June 2021*

The International Auditing and Assurance Standards Board ("IAASB") has published *COVID-19 Related Rent Concessions beyond 30 June 2021 (Amendment to IFRS 16)* that extends, by one year, the June 2020 amendment that provides lessees with an exemption from assessing whether a COVID-19 related rent concession is a lease modification.

On issuance, the practical expedient was limited to rent concessions for which any reduction in lease payments affects only payments originally due on or before 30 June 2021. Since lessors continue to grant COVID-19 related rent concessions to lessees and since the effects of the COVID-19 pandemic are ongoing and significant, the POA decided to extend the time period over which the practical expedient is available for use.

The new amendment is effective for lessees for annual reporting periods beginning on or after 1 April 2021. Earlier application is permitted.

The Group has not applied the practical expedient to all rent concessions that have met the related criteria included in the amendment.

Amendments to IAS 1 *Disclosure of Accounting Policies*

The amendments require that an entity discloses its material accounting policies, instead of its significant accounting policies.

Amendments to IAS 1 are effective for annual reporting periods beginning on or after 1 January 2023 and earlier application is permitted.

The Group is in the process of assessing the impact of the amendments on financial position or performance of the Group.

Amendments to IAS 8 *Definition of Accounting Estimates*

With this amendment, the definition of "a change in accounting estimates" has been replaced with the definition of "an accounting estimate", sample and explanatory paragraphs regarding estimates have been added, and the differences between application of an estimate prospectively and correction of errors retrospectively have been clarified.

Amendments to IAS 8 are effective for annual reporting periods beginning on or after 1 January 2023 and earlier application is permitted.

The Group is in the process of assessing the impact of the amendments on financial position or performance of the Group.

Amendments to IAS 12 *Deferred Tax related to Assets and Liabilities arising from a Single Transaction*

The amendments clarify that the initial recognition exemption does not apply to transactions in which equal amounts of deductible and taxable temporary differences arise on initial recognition.

Amendments to IAS 12 are effective for annual reporting periods beginning on or after 1 January 2023 and earlier application is permitted.

The Group is in the process of assessing the impact of the amendments on financial position or performance of the Group.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

2.3 New and Revised International Financial Reporting Standards (Continued)

b) New and revised IFRSs in issue but not yet effective (Continued)

Amendments to IFRS 17 *Initial Application of IFRS 17 and IFRS 9 — Comparative Information*

The amendment permits entities that first apply IFRS 17 and IFRS 9 at the same time to present comparative information about a financial asset as if the classification and measurement requirements of IFRS 9 had been applied to that financial asset before.

The amendments are applied when IFRS 17 is first applied.

The amendments are not applicable for the Group and will not have an impact on the financial position or performance of the Group.

2.4 Statement of Cash Flows

The cash and cash equivalents balance comprises cash and balances with central banks (excluding restricted reserve deposits), deposits with banks and other financial institutions and other money market placements with an original maturity of three months or less.

Changes in cash and cash equivalents related to operating activities reflect cash flows generated by the Group's operations.

Changes in cash and cash equivalents related to investing activities reflect cash flows resulting from acquisitions and disposals of subsidiaries, as well as acquisitions and disposals of property, plant and equipment.

Changes in cash and cash equivalents related to financing activities reflect the cash inflows and outflows resulting from transactions with shareholders and cash flows related to subordinated debt.

3. SIGNIFICANT EVENTS AND TRANSACTIONS DURING THE PERIOD

New type of coronavirus (COVID-19), first emerging in China, has been classified as an pandemic affecting countries globally by the World Health Organization on 11 March 2020. COVID-19 has impacts on economic conditions, sectors, businesses, consumers, as well as asset and commodity prices, liquidity, exchange rates, interest rates, money and capital markets and many other issues and it still maintains uncertainty about the future. While many countries announce economic and financial programs in order to limit the damage caused by the virus, Turkey also set regulatory fiscal and monetary actions in motion to support the companies and households in such difficult conditions. Additional regulatory measures are continued to be announced to tackle adverse impacts on companies and certain sectors.

The effects of this global pandemic on the Bank's financial statements are regularly monitored by the Risk Management as well as the Bank's Management. While preparing the financial statements as of 31 December 2021, the Bank reflected the possible effects of the COVID-19 outbreak on the estimates and judgements used in the preparation of the financial statements. Bank Management takes the necessary precautions in order to keep the negative effects under control and to be affected at the minimum level. The approach preferred for the period of 31 December 2021, will be revised in the following reporting periods, considering the effect of the pandemic and future expectations.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

4. SEGMENT INFORMATION

Operating segments

The Group is organized into four main segments which are organized and managed separately according to the nature of the products and services provided.

Year ended 31 December 2021

	Retail Banking	Corporate Banking	SME Banking	Other	Eliminations	Group
Net banking income	3,193,354	1,401,305	1,053,818	601,934	(9,854)	6,240,557
Operating expenses	(2,113,801)	(570,115)	(1,029,528)	176,538	9,854	(3,527,052)
Cost of risk	(230,429)	(26,836)	313,026	(47,570)	-	8,191
Operating income	**849,124**	**804,354**	**337,316**	**730,902**	**-**	**2,721,696**
Non-operating items	-	-	-	1,549	-	1,549
Pre-tax income	**849,124**	**804,354**	**337,316**	**732,451**	**-**	**2,723,245**
Assets and liabilities						
Segment assets	37,429,612	47,303,669	23,959,938	85,435,249	(743,618)	193,384,850
Unallocated assets	-	-	-	5,291,408	(2,522)	5,288,886
Total assets	**37,429,612**	**47,303,669**	**23,959,938**	**90,726,657**	**(746,140)**	**198,673,736**
Segment liabilities	85,194,980	37,027,373	14,236,318	38,481,412	(623,217)	174,316,866
Unallocated liabilities	-	-	-	10,304,783	(3,047)	10,301,736
Total liabilities	**85,194,980**	**37,027,373**	**14,236,318**	**48,786,195**	**(626,264)**	**184,618,602**
Other segment information						
Capital expenditures						
Tangible fixed assets	-	-	-	233,258	-	233,258
Intangible fixed assets	-	-	-	120,824	-	120,824
Depreciation	-	-	-	117,599	-	117,599
Amortization	-	-	-	82,560	-	82,560

Year ended 31 December 2020

	Retail Banking	Corporate Banking	SME Banking	Other	Eliminations	Group
Net banking income	2,644,970	991,941	1,040,405	790,469	(8,037)	5,459,748
Operating expenses	(1,900,820)	(392,550)	(789,275)	39,923	8,034	(3,034,688)
Cost of risk	(328,131)	(207,012)	(162,960)	(53,925)	3	(752,025)
Operating income	**416,019**	**392,379**	**88,170**	**776,467**	**-**	**1,673,035**
Non-operating items	-	-	-	4,202	-	4,202
Pre-tax income	**416,019**	**392,379**	**88,170**	**780,669**	**-**	**1,677,237**
Assets and liabilities						
Segment assets	29,718,917	33,691,714	17,893,841	57,028,421	(497,942)	137,834,951
Unallocated assets	-	-	-	4,710,464	(1,825)	4,708,639
Total assets	**29,718,917**	**33,691,714**	**17,893,841**	**61,738,885**	**(499,767)**	**142,543,590**
Segment liabilities	57,522,449	30,584,907	8,183,945	28,915,569	(377,542)	124,829,328
Unallocated liabilities	-	-	-	6,027,708	(2,345)	6,025,363
Total liabilities	**57,522,449**	**30,584,907**	**8,183,945**	**34,943,277**	**(379,887)**	**130,854,691**
Other segment information						
Capital expenditures						
Tangible fixed assets	-	-	-	130,040	-	130,040
Intangible fixed assets	-	-	-	89,035	-	89,035
Depreciation	-	-	-	98,120	-	98,120
Amortization	-	-	-	77,833	-	77,833

Geographical information

The Group’s geographical information is based on the location of Group’s assets. Substantially all of the Group’s activities are conducted in Turkey and Turkey is the home country of the Bank, which is also the main operating company. The areas of operation include all the primary operating segments.

Total assets and total liabilities are allocated to the country in which the branch or subsidiary is located. Segment revenue from external customers included in operating income is based on the geographical location of customers or counterparties. The Group conducts substantially all of its business activities with local customers in Turkey.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

5. CASH, BALANCES WITH CENTRAL BANKS, LOANS AND ADVANCS DUE FROM BANKS AND OTHER MONEY MARKET PLACEMENTS

Cash and cash equivalents comprise balances with less than three months' maturity from the date of acquisition, including cash in hand, deposits held at call with banks and other short-term highly liquid investments with original maturities of three months or less.

	31 December 2021	31 December 2020
Cash on hand	7,701,750	2,519,623
Balances with central banks	13,416,778	10,653,153
Reserve deposits with central banks (restricted)	15,880,517	6,822,850
Cash and balances with central banks	**36,999,045**	**19,995,626**
Loans and receivables due from banks	**12,104,891**	**8,386,527**
Interbank placements	3,245	-
Reverse repurchase agreements	-	3,679,371
Other money market placements	**3,245**	**3,679,371**
Less: Loans due from banks	(1,677,610)	(926,905)
Less: Reserve deposits (restricted)	(15,886,679)	(6,826,098)
Less: Interest accruals	(157,734)	(87,708)
Less: Expected credit loss	29,707	14,411
Cash and cash equivalents in the statements of cash flows	**31,414,865**	**24,235,224**

According to the regulations of the Central Bank of Turkish Republic (the Central Bank), banks are obliged to deposit a portion of certain liability accounts as specified in the related decree.

The credit quality analysis of Cash and balances with central banks is as follows:

31 December 2021	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL
Balances at 1 January 2021	13,010	-	-
Transfer to Stage 1	-	-	-
Transfer to Stage 2	-	-	-
Transfer to Stage 3	-	-	-
Recoveries and reversals	-	-	-
Provision for the period	3,073	-	-
Effects of movements in exchange rates	10,781	-	-
Balances at the end of the period	**26,864**	**-**	**-**

31 December 2020	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL
Balances at 1 January 2020	7,833	-	-
Transfer to Stage 1	-	-	-
Transfer to Stage 2	-	-	-
Transfer to Stage 3	-	-	-
Recoveries and reversals	-	-	-
Provision for the period	3,095	-	-
Effects of movements in exchange rates	2,082	-	-
Balances at the end of the period	**13,010**	**-**	**-**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

5. CASH, BALANCES WITH CENTRAL BANKS, LOANS AND ADVANCES DUE FROM BANKS AND OTHER MONEY MARKET PLACEMENTS (Continued)

The credit quality analysis of Loans and advances due from banks is as follows:

31 December 2021	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL
Balances at 1 January 2021	962	-	-
Transfer to Stage 1	-	-	-
Transfer to Stage 2	-	-	-
Transfer to Stage 3	-	-	-
Recoveries and reversals	-	-	-
Provision for the period	1,298	-	-
Effects of movements in exchange rates	583	-	-
Balances at the end of the period	**2,843**	**-**	**-**

31 December 2020	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL
Balances at 1 January 2020	3,935	-	-
Transfer to Stage 1	-	-	-
Transfer to Stage 2	-	-	-
Transfer to Stage 3	-	-	-
Recoveries and reversals	(3,305)	-	-
Provision for the period	-	-	-
Effects of movements in exchange rates	332	-	-
Balances at the end of the period	**962**	**-**	**-**

The credit quality analysis of other money market placements is as follows:

31 December 2021	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL
Balances at 1 January 2021	439	-	-
Transfer to Stage 1	-	-	-
Transfer to Stage 2	-	-	-
Transfer to Stage 3	-	-	-
Recoveries and reversals	(439)	-	-
Provision for the period	-	-	-
Effects of movements in exchange rates	-	-	-
Balances at the end of the period	**-**	**-**	**-**

31 December 2020	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL
Balances at 1 January 2020	29	-	-
Transfer to Stage 1	-	-	-
Transfer to Stage 2	-	-	-
Transfer to Stage 3	-	-	-
Recoveries and reversals	-	-	-
Provision for the period	410	-	-
Effects of movements in exchange rates	-	-	-
Balances at the end of the period	**439**	**-**	**-**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

6. FINANCIAL ASSETS AT FAIR VALUE THROUGH PROFIT OR LOSS AND INVESTMENT SECURITIES

Financial assets at fair value through profit or loss:

	31 December 2021	31 December 2020
Financial assets at fair value through profit or loss		
Debt Securities	**2,491,151**	**1,447,677**
Turkish government bonds and treasury bills	1,610,138	1,270,018
Eurobonds issued by the Turkish government	881,013	177,659
Equity Securities	**194,714**	**122,918**
Other Financial Assets	**107,646**	**60,158**
Derivative Financial Instruments	**6,331,976**	**1,752,609**
Total financial assets at fair value through profit or loss	**9,125,487**	**3,383,362**

Investment securities:

	31 December 2021	31 December 2020
Financial assets at FVOCI (*)		
Debt instruments		
Turkish government bonds	6,412,827	8,540,737
Eurobonds issued by the Turkish government	749,879	100,779
Equity instruments – unlisted (**)	**13,255**	**10,886**
Total financial assets at FVOCI	**7,175,961**	**8,652,402**
Debt securities carried at AC		
Debt securities		
Turkish government bonds	19,551,700	12,505,350
Expected credit loss (-)	(4,399)	(2,818)
Total debt securities carried at AC	**19,547,301**	**12,502,532**

(*) The Bank has provided expected loss provision of TL 1,668 (31 December 2020: TL 1,969) for financial assets designated as fair value through other comprehensive income accounted under equity.

(**) The Bank classified all equity shares as financial assets at fair value through profit or loss except for four minor shares, in Credit Guarantee Fund, Interbank Card Center, Central Bank of the Republic of Turkey and Istanbul Stock Exchange, which four were classified as financial assets at fair value through comprehensive income, as the investments are carried for strategic purposes rather than with a view to profit on a subsequent sale, and there is no plans to dispose of these investments in the short or medium term.

Carrying value of debt instruments given as collateral under repurchase agreements, which are included in the related portfolios are:

	31 December 2021	31 December 2020
Debt securities carried at fair value through other comprehensive income	2,704,068	3,436,729
Debt securities carried at amortised cost	7,613,037	4,124,356
Carrying value of securities given as collateral under repos	**10,317,105**	**7,561,085**
Related liability	**8,841,709**	**6,548,253**

As of 31 December 2021, government securities with carrying values of TL9,184,732 (31 December 2020: TL9,019,468) are pledged to the Central Bank and the Istanbul Takas ve Saklama Bankası Anonim Şirketi (Istanbul Clearing, Settlement and Custody Bank Incorporation) and Vadeli İşlem Opsiyon Borsası (Borsa Istanbul Futures and Options Market) for regulatory requirements and as a guarantee for stock exchange, money market operations and derivatives.

There are not any securities given as collateral under repurchase agreements where the counterparty has the right to resell or re-pledge them.

TL9,590,646 (31 December 2020: TL8,829,381) of debt securities included in the trading, investment and loaned securities portfolios have floating interest rates, whereas the rest of the debt securities have fixed interest rates.

Gains and losses from investment securities arise from derecognition of securities at fair value through other comprehensive income.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

6. FINANCIAL ASSETS AT FAIR VALUE THROUGH PROFIT OR LOSS AND INVESTMENT SECURITIES (Continued)

The movement in investment securities is summarized as follows:

	31 December 2021			31 December 2020		
	Debt securities at FVOCI	Debt securities at AC	Total	Debt securities at FVOCI	Debt securities at AC	Total
At 1 January	**8,652,402**	**12,502,532**	**21,154,934**	**5,541,376**	**4,905,514**	**10,446,890**
Exchange differences	1,975,000	841,915	2,816,915	696,670	377,092	1,073,762
Additions	3,472,651	6,645,155	10,117,806	6,174,641	7,591,794	13,766,435
Disposals (sale and redemption)	(6,749,988)	(2,016,874)	(8,766,862)	(3,621,407)	(823,184)	(4,444,591)
Changes in amortised cost and fair value	(174,405)	1,576,154	1,401,749	(138,149)	453,030	314,881
Change in provision	301	(1,581)	(1,280)	(729)	(1,714)	(2,443)
Total	**7,175,961**	**19,547,301**	**26,723,262**	**8,652,402**	**12,502,532**	**21,154,934**

Government debt securities that had been accounted as financial assets at fair value through other comprehensive income, have been classified as held to maturity (amortised cost) investments with their market value in year 2013, and accumulated valuation difference for reclassified at fair value through other comprehensive income securities are accounted under shareholders' equity. This accumulated valuation difference is subject to amortization according to the days to maturity and being transferred to profit/loss accounts in the related periods.

The credit quality analysis of investment securities measured at amortised cost is as follows:

31 December 2021	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL
Balances at 1 January 2021	2,818	-	-
Transfer to Stage 1	-	-	-
Transfer to Stage 2	-	-	-
Transfer to Stage 3	-	-	-
Recoveries and reversals	-	-	-
Provision for the period	1,150	-	-
Effects of movements in exchange rates	431	-	-
Balances at the end of the period	**4,399**	**-**	**-**

31 December 2020	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL
Balances at 1 January 2020	1,104	-	-
Transfer to Stage 1	-	-	-
Transfer to Stage 2	-	-	-
Transfer to Stage 3	-	-	-
Recoveries and reversals	-	-	-
Provision for the period	1,599	-	-
Effects of movements in exchange rates	115	-	-
Balances at the end of the period	**2,818**	**-**	**-**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

7. LOANS AND ADVANCES TO CUSTOMERS

	31 December 2021	31 December 2020
Commercial	70,144,700	52,821,851
Consumer	23,975,849	19,992,424
Credit cards	8,167,089	5,217,962
Other (*)	443,813	175,711
Total	**102,731,451**	**78,207,948**
Non-performing loans (Stage 3)	3,331,265	3,501,882
Less: Stage 1 expected credit loss	(428,726)	(393,446)
Less: Stage 2 expected credit loss	(1,351,897)	(1,360,252)
Less: Stage 3 expected credit loss	(2,265,255)	(2,294,073)
Total loans and advances to customers	**102,016,838**	**77,662,059**

(*) TEB Yatırım's customers' investment balance.

Loans and receivables amounting to TL15,564,336 (31 December 2020: TL7,170,245) have floating interest rates and the rest have fixed interest rates.

The portfolio reserve for impairment is provided based on past experience, management's assessment of current economic condition, the quality and inherent risk in the credit portfolio of the Group per class.

31 December 2021	Commercial	Consumer	Credit Cards	Other (*)	Total
Stage 1 loans to customers	65,938,136	19,586,048	7,079,515	443,813	93,047,512
Stage 2 loans to customers	4,206,564	4,389,801	1,087,574	-	9,683,939
Stage 3 loans to customers	1,280,878	1,808,745	241,642	-	3,331,265
Total gross loans to customers	**71,425,578**	**25,784,594**	**8,408,731**	**443,813**	**106,062,716**
Less: Stage 1 expected credit loss	(203,624)	(160,661)	(64,441)	-	(428,726)
Less: Stage 2 expected credit loss	(1,091,318)	(209,746)	(50,833)	-	(1,351,897)
Less: Stage 3 expected credit loss	(855,823)	(1,221,062)	(188,370)	-	(2,265,255)
Total expected credit loss	**(2,150,765)**	**(1,591,469)**	**(303,644)**	**-**	**(4,045,878)**
Total loans and advances to customers	**69,274,813**	**24,193,125**	**8,105,087**	**443,813**	**102,016,838**

(*) TEB Yatırım's customers' investment balance.

31 December 2020	Commercial	Consumer	Credit Cards	Other (*)	Total
Stage 1 loans to customers	48,617,720	16,922,139	4,540,033	175,711	70,255,603
Stage 2 loans to customers	4,204,131	3,070,285	677,929	-	7,952,345
Stage 3 loans to customers	3,096,177	315,522	90,183	-	3,501,882
Total gross loans to customers	**55,918,028**	**20,307,946**	**5,308,145**	**175,711**	**81,709,830**
Less: Stage 1 expected credit loss	(176,623)	(162,525)	(54,298)	-	(393,446)
Less: Stage 2 expected credit loss	(1,033,284)	(263,142)	(63,826)	-	(1,360,252)
Less: Stage 3 expected credit loss	(1,996,399)	(228,731)	(68,943)	-	(2,294,073)
Total expected credit loss	**(3,206,306)**	**(654,398)**	**(187,067)**	**-**	**(4,047,771)**
Total loans and advances to customers	**52,711,722**	**19,653,548**	**5,121,078**	**175,711**	**77,662,059**

(*) TEB Yatırım's customers' investment balance.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

7. LOANS AND ADVANCES TO CUSTOMERS (Continued)

The movement of loss allowances for loans and advances to customers as of 31 December 2021 is as follows;

Loans and Advances to Customers	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL	Total
31 December 2020	**393,446**	**1,360,252**	**2,294,073**	**4,047,771**
Transfers;				
- Transfer from Stage 1 to Stage 2	(22,741)	96,122	-	73,381
- Transfer from Stage 1 to Stage 3	(4,839)	-	137,418	132,579
- Transfer from Stage 2 to Stage 3	-	(165,996)	249,486	83,490
- Transfer from Stage 2 to Stage 1	14,124	(74,490)	-	(60,366)
New financial assets originated or purchased and recoveries	159,782	283,695	175,596	619,073
Financial assets derecognised during the period other than write-offs	(138,406)	(412,097)	(263,170)	(813,673)
Write-offs/write-down	-	-	(57,671)	(57,671)
NPL sale	-	-	(292,180)	(292,180)
Foreign exchange differences	27,360	264,411	21,703	313,474
Loss allowance as at 31 December 2021	**428,726**	**1,351,897**	**2,265,255**	**4,045,878**

Past due receivables amounting to TL335,276 for which TL328,704 of provision had been provided, is sold for a consideration of TL43,096 during 2021. After all sales procedures were completed, these past due receivables have been written off from the portfolio.

Loans and Advances to Customers	Stage 1 12-month ECL	Stage 2 Lifetime ECL	Stage 3 Lifetime ECL	Total
31 December 2019	**394,194**	**894,153**	**2,352,545**	**3,640,892**
Transfers;				
- Transfer from Stage 1 to Stage 2	(23,106)	154,982	-	131,876
- Transfer from Stage 1 to Stage 3	(3,399)	-	83,540	80,141
- Transfer from Stage 2 to Stage 3	-	(92,350)	357,444	265,094
- Transfer from Stage 2 to Stage 1	13,179	(67,256)	-	(54,077)
New financial assets originated or purchased and recoveries	164,119	711,575	194,281	1,069,975
Financial assets derecognised during the period other than write-offs	(165,998)	(339,976)	(207,531)	(713,505)
Write-offs/write-down	-	-	(97,496)	(97,496)
NPL sale	-	-	(388,710)	(388,710)
Foreign exchange differences	14,457	99,124	-	113,581
Loss allowance as at 31 December 2020	**393,446**	**1,360,252**	**2,294,073**	**4,047,771**

Past due receivables amounting to TL424,469 for which TL410,516 of provision had been provided, is sold for a consideration of TL35,759 during 2020. After all sales procedures were completed, these past due receivables have been written off from the portfolio.

Within the scope of IFRS 9, the deducted amount during the period is TL57,671 (31 December 2020: TL97,496) and its effect on NPL ratio is 0.06% (31 December 2020: 0.12%). The follow-up conversion rate, after deductions, is 3.08% (31 December 2020 4.22%) in the current period frozen loan figures, while the calculated rate including the loans deducted during the year is 3.14 % (31 December 2020: 4.34%).

The fair value of collaterals, capped with the respective outstanding loan balance, that the Group holds relating to loans individually impaired at 31 December 2021 is TL1,453,443 (31 December 2020: TL1,902,570).

The fair value of collaterals, capped with the respective outstanding loan balance relating to loans individually impaired:

31 December 2021	Commercial	Consumer	Credit Cards	Total
Mortgage	553,849	525,119	1,961	1,080,929
Vehicle	27,253	100,997	1,367	129,617
Cash	127	284	29	440
Other (*)	116,325	125,334	798	242,457
Total	**697,554**	**751,734**	**4,155**	**1,453,443**

(*) Includes guarantees from Treasury and Credit Guarantee Fund amounting to TL242,457.

31 December 2020	Commercial	Consumer	Credit Cards	Total
Mortgage	743,622	713,555	1,889	1,459,066
Vehicle	26,003	91,200	1,474	118,677
Cash	346	497	35	878
Other (*)	133,528	189,093	1,328	323,949
Total	**903,499**	**994,345**	**4,726**	**1,902,570**

(*) Includes guarantees from Treasury and Credit Guarantee Fund amounting to TL254,375.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

7. LOANS AND ADVANCES TO CUSTOMERS (Continued)

Collateral and credit enhancements obtained by taking possession:

31 December 2021	Commercial	Consumer	Total
Residential, commercial or industrial property	64,440	1,493	65,933
Other	-	-	-
Total	**64,440**	**1,493**	**65,933**

31 December 2020	Commercial	Consumer	Total
Residential, commercial or industrial property	108,709	4,150	112,859
Other	-	-	-
Total	**108,709**	**4,150**	**112,859**

The Group employs independent appraisers in determining the current fair values of its real estates. Provision for impairment loss amounting to TL2,288 is booked for real estates held for resale as per the appraisals performed as of 31 December 2021 (31 December 2020: TL5,330).

The fair value of collaterals capped with the respective outstanding of past due loans to customers that the Group held as at 31 December 2021 is TL3,742,470 (31 December 2020: TL3,911,887).

The fair value of collaterals, capped with the respective outstanding loan balance relating to those that are past due but not impaired:

31 December 2021	Commercial	Consumer	Credit Cards	Total
Mortgage	2,218,804	952,855	-	3,171,659
Vehicle	234,299	94,422	-	328,721
Cash	178,953	28,181	-	207,134
Other	34,956	-	-	34,956
Total	**2,667,012**	**1,075,458**	**-**	**3,742,470**

31 December 2020	Commercial	Consumer	Credit Cards	Total
Mortgage	2,259,918	1,003,321	-	3,263,239
Vehicle	204,638	77,805	-	282,443
Cash	209,803	20,739	-	230,542
Other	135,663	-	-	135,663
Total	**2,810,022**	**1,101,865**	**-**	**3,911,887**

Aging analysis of accounting past-due exposures

31 December 2021	1-30 Days	31-60 Days	61-90 Days	Total
Loans and Receivables				
Commercial Loans	107,880	146,438	365,250	619,568
Consumer Loans	724,640	271,266	356,435	1,352,341
Credit Cards	157,470	94,918	63,437	315,825
Total	**989,990**	**512,622**	**785,122**	**2,287,734**

31 December 2020 (*)	1-30 Days	31-60 Days	61-90 Days	Total
Loans and Receivables				
Commercial Loans	265,923	157,612	440,170	863,705
Consumer Loans	520,416	180,156	256,865	957,437
Credit Cards	77,892	77,145	56,408	211,445
Total	**864,231**	**414,913**	**753,443**	**2,032,587**

(*) According to the BRSA's decisions, dated 17 March 2020 and numbered 8948 and, dated 8 December 2020 and numbered 9312, to be effective from 17 March 2020 until 30 June 2021, total amount of loans with delays of 91 to 180 days which are continued to be classified as Stage 2 is TL626,606 as of 31 December 2020.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

8. FACTORING RECEIVABLES

	31 December 2021	31 December 2020
Stage 1 factoring receivables	4,612,196	2,474,700
Stage 2 factoring receivables	1,966	13,923
Stage 3 factoring receivables	28,051	18,268
Total gross factoring receivables	**4,642,213**	**2,506,891**
Less: Stage 1 expected credit loss	(1,655)	(1,976)
Less: Stage 2 expected credit loss	(3,984)	(1,856)
Less: Stage 3 expected credit loss	(26,961)	(13,330)
Total expected credit loss	**(32,600)**	**(17,162)**
Total factoring receivables, net	**4,609,613**	**2,489,729**

The details of the factoring receivables based on types of factoring transactions are as follows:

	31 December 2021	31 December 2020
Recourse factoring receivables	2,238,775	1,278,942
Non-recourse factoring receivables	2,375,387	1,209,681
Total	**4,614,162**	**2,488,623**

As of 31 December 2021, all of the factoring receivables have fixed interest rates (31 December 2020: All of factoring receivables have fixed interest rates).

The movement of loss allowances per class for loans and advances to customers are as follows;

Factoring Receivables	**Stage 1 12-month ECL**	**Stage 2 Lifetime ECL**	**Stage 3 Lifetime ECL**	**Total**
Balance at 1 January 2021	1,976	1,856	13,330	17,162
Transfers;				
- Transfer from Stage 1 to Stage 2	-	-	-	-
- Transfer from Stage 1 to Stage 3	-	-	18,091	18,091
- Transfer from Stage 2 to Stage 3	-	-	-	-
- Transfer from Stage 2 to Stage 1	-	-	-	-
New financial assets originated or purchased	1,651	3,984		5,635
Financial assets derecognised during the period other than write-offs	(1,972)	(1,856)	(5,417)	(9,245)
Write-offs/write-down	-	-	(686)	(686)
Foreign exchange differences	-	-	1,643	1,643
Loss allowance as at 31 December 2021	**1,655**	**3,984**	**26,961**	**32,600**

Factoring Receivables	**Stage 1 12-month ECL**	**Stage 2 Lifetime ECL**	**Stage 3 Lifetime ECL**	**Total**
Balance at 1 January 2020	1,480	1,959	31,452	34,891
Transfers;				
- Transfer from Stage 1 to Stage 2	-	1	-	1
- Transfer from Stage 1 to Stage 3	-	-	2,494	2,494
- Transfer from Stage 2 to Stage 3	-	-	-	-
- Transfer from Stage 2 to Stage 1	-	-	-	-
New financial assets originated or purchased	1,948	1,751		3,699
Financial assets derecognised during the period other than write-offs	(1,452)	(1,855)	(3,018)	(6,325)
Write-offs/write-down	-	-	(19,767)	(19,767)
Foreign exchange differences	-	-	2,169	2,169
Loss allowance as at 31 December 2020	**1,976**	**1,856**	**13,330**	**17,162**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

8. FACTORING RECEIVABLES (Continued)

Aging analysis of accounting past-due exposures

31 December 2021	1-30 Days	31-60 Days	61-90 Days	Total
Commercial Loans	1,362	1,191	2,554	5,107
Consumer Loans	-	-	-	-
Credit Cards	-	-	-	-
Total	**1,362**	**1,191**	**2,554**	**5,107**

31 December 2020	1-30 Days	31-60 Days	61-90 Days	Total
Commercial Loans	358	1,782	2,085	4,225
Consumer Loans	-	-	-	-
Credit Cards	-	-	-	-
Total	**358**	**1,782**	**2,085**	**4,225**

9. PROPERTY, PLANT AND EQUIPMENT

	Land and Buildings	Right of Use	Furniture, Office, Equipment, Leasehold Improvements	Total
At 1 January 2020				
Cost	109,767	1,023,597	892,819	2,026,183
Accumulated depreciation	(56,402)	(481,778)	(603,185)	(1,141,365)
Net book amount	**53,365**	**541,819**	**289,634**	**884,818**
Year ended 31 December 2020				
Opening net book amount	53,365	541,819	289,634	884,818
Additions	574	82,741	129,466	212,781
Disposals, net	(789)	(233)	(1,345)	(2,367)
Other	303	-	-	303
Depreciation charge for the year, net	(3,556)	(148,762)	(94,564)	(246,882)
Closing net book amount	**49,897**	**475,565**	**323,191**	**848,653**
At 31 December 2020				
Cost	109,493	1,019,958	1,008,191	2,137,642
Accumulated depreciation	(59,596)	(544,393)	(685,000)	(1,288,989)
Net book amount	**49,897**	**475,565**	**323,191**	**848,653**
Year ended 31 December 2021				
Opening net book amount	49,897	475,565	323,191	848,653
Additions	192	237,222	233,066	470,480
Disposals, net	-	(115,735)	(3,102)	(118,837)
Other	8,056	-	-	8,056
Depreciation charge for the year, net	(3,225)	(153,250)	(114,374)	(270,849)
Closing net book amount	**54,920**	**443,802**	**438,781**	**937,503**
At 31 December 2021				
Cost	117,996	1,024,840	1,190,584	2,333,420
Accumulated depreciation	(63,076)	(581,038)	(751,803)	(1,395,917)
Net carrying amount	**54,920**	**443,802**	**438,781**	**937,503**

As of 31 December 2021 the cost of fully depreciated items amounted to TL521,079 (31 December 2020: TL497,393).

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

10. INTANGIBLE ASSETS

	31 December 2021	31 December 2020
At 1 January		
Cost	575,639	486,748
Accumulated amortization	(424,261)	(346,440)
Net book amount	**151,378**	**140,308**
Year ended 31 December		
Opening net book amount	151,378	140,308
Additions	120,824	89,035
Disposals	(1,107)	(132)
Amortization charge for the year, net	(82,560)	(77,833)
Closing net book amount	**188,535**	**151,378**

The cost of fully amortised items amounted to TL379,690 as of 31 December 2021 (31 December 2020: TL314,705).

Intangible assets of the Bank comprise mainly software. The useful lives of such assets acquired are determined as 3-5 years by taking into consideration the expected utilization period, technical, technological or any other impairment and maintenance expenses necessary for the economic use of such assets.

11. GOODWILL

As of 31 December 2021 the Group has TL420,645 (31 December 2020: TL420,645) goodwill.

The Group tests goodwill impairment on an annual basis. Recoverable amount of the cash generating unit is calculated with Dividend Discount Model by calculating the present value of the distributable dividends and terminal value. The calculations use business plans approved by Bank Management covering a three year period. Beyond this period the estimated growth rates in 2021-2023 are extrapolated, and as discount rate, the cost of equity for 2021 in Turkish Banking sector amounting to 21.97% and as terminal growth rate 9% is used. Since recoverable amount is higher than the adjusted net asset value, it is concluded that there is no impairment on the goodwill (31 December 2020: nil).

The Group has assessed reasonably possible changes for key assumptions and has not identified any instances that could cause impairment.

12. OTHER ASSETS

	31 December 2021	31 December 2020
Cheque clearing accounts	933,346	509,037
Collaterals for derivatives	829,074	411,149
Receivables from banks for credit card transactions	784,921	661,107
Prepaid expenses	328,621	277,269
Other transitory accounts	265,551	255,074
Assets held for resale, net of impairment (Note 7)	65,933	112,859
Prepaid tax	-	2,673
Others	248,487	387,528
Total	**3,455,933**	**2,616,696**

13. DEPOSITS

Deposits from credit institutions

	31 December 2021	31 December 2020
Demand	37,570	43,765
Time	1,962,166	7,424,601
Total	**1,999,736**	**7,468,366**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

13. DEPOSITS (Continued)

Customers' deposits

	31 December 2021	31 December 2020
Saving		
Demand	30,598,350	16,020,589
Time	48,897,056	38,101,624
	79,495,406	**54,122,213**
Commercial and other		
Demand	27,709,779	16,683,258
Time	22,371,701	15,467,615
	50,081,480	**32,150,873**
Total	**129,576,886**	**86,273,086**

Included in customer accounts were deposits of TL2,585,466 (31 December 2020: TL2,244,975) held as collateral for cash and non-cash loans given.

Currency-protected deposit product, the operating rules of which are determined by the Ministry of Treasury and Finance and the CBRT, and which ensures that TL deposits are valued with interest rates and are protected against foreign currency exchange rates, started to be offered to Bank customers as of the current accounting period reported. As of 31 December 2021, TL deposit amount includes 1,034,667 TL deposits within this scope.

Other money market deposits

	31 December 2021	31 December 2020
Obligations under repurchase agreements:		
-Due to banks	8,841,709	6,548,253
	8,841,709	**6,548,253**

As of 31 December 2021 and 31 December 2020 all deposits and money market deposits have fixed interest rate.

14. DEBT SECURITIES ISSUED

	Currency	Maturity	31 December 2021
Bank Bonds	TL	January 2022 – February 2021	1,194,525

	Currency	Maturity	31 December 2020
Bank Bonds	TL	February 2021 – July 2021	4,810,637

15. FUNDS BORROWED AND SUBORDINATED DEBTS

	31 December 2021	31 December 2020
Short-term		
Fixed interest	13,687,401	10,994,409
Floating interest	7,150,968	1,093,179
Medium/long-term		
Fixed interest	-	91,158
Floating interest	136,817	26,255
Floating interest subordinated loan	4,381,489	2,618,304
Fixed interest subordinated loan	2,857,547	1,576,647
Total	**28,214,222**	**16,399,952**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

15. FUNDS BORROWED AND SUBORDINATED DEBTS (Continued)

Repayment plan of medium and long-term borrowings is as follows:

	31 December 2021		31 December 2020	
	Fixed rate	**Floating rate**	**Fixed rate**	**Floating rate**
2021	-	-	-	-
2022	-	-	91,158	26,255
2023	-	136,817	-	-
2024	-	-	-	-
2025	-	-	-	-
Thereafter	2,857,547	4,381,489	1,576,647	2,618,304
Total	**2,857,547**	**4,518,306**	**1,667,805**	**2,644,559**

The Bank earned a $ 210 million USD with a 10-year maturity on 5 November 2018 at the earliest, but not earlier than 5 year. At the end of the 5th year and in the subsequent first interest payment period, it issued 2 subordinated debt securities with early amortization. The interest rate of the issuance is 10.40% per annum and will continue with the 6-month Libor + 7.32% annual interest rate after the first early amortization at the end of the 5th year. Said "contribution capital" was provided by BNP Paribas Fortis SA / NV.

At the Board of Directors meeting held on 8 May 2012, the Bank decided to issue a debt instrument of USD 65 million as Secondary Capital-like Borrowing on 14 May 2012. Issue interest rate of six months USD Libor + is determined as 5.75% annually. The maturity of the debt instrument is 14 May 2024 and there is no repayment option before the maturity in the first seven years. The debt instrument was amortised on 14 May 2019 after the decision of the relevant Board of Directors and the approval of the BRSA. On May 14, 2019, the Bank issued a subordinated debt securities with a nominal value of 60 million EURO with a maturity of 10 years, with no earliest 5 years, at the earliest in the 5th year and in the following first interest payment period. The interest rate of the issue is six months Euribor + 7.10% annually. Said "contribution capital" was provided by BNP Paribas Fortis SA / NV.

On 20 July, 2012, the Bank decided to issue a debt instrument of EUR 100 million as Secondary Capital-like Borrowing. The interest rate of the issue is six months Euribor + 4.75% annually. The maturity of the debt instrument is 20 July 2024 and there is no repayment option before the maturity in the first seven years. The debt instrument was amortised on 22 July 2019 after the decision of the relevant Board of Directors and the approval of the BRSA. On 22 July 2019, the Bank issued a subordinated debt securities with a nominal value of 100 million EURO, with a maturity of 10 years, with no earliest 5 years, at the earliest at the end of the 5th year and in the first interest payment period thereafter. The interest rate of the issue is six months Euribor + 7.10% annually. Said "contribution capital" was provided by BNP Paribas Fortis SA / NV.

The Bank issued subordinated debt securities with a nominal value of 125 million EUR on 27 June 2018, with a maturity of 10 years and an early amortization on 27 June 2023. The interest rate of the issue is 6 months Euribor + 5.10% annually. Mentioned "contribution capital" is provided by BNP Paribas Fortis SA / NV.

All of the four subordinated loans mentioned above have been used in line with the BRSA's "loan capital" definitions, and have a positive impact on the Bank's capital adequacy ratio, as well as creating long-term funds for the Bank.

	Funds borrowed	**Debt securities issued**
Balance as at 1 January 2021	16,399,952	4,810,637
Cash flows	10,088,506	(3,561,215)
Other non-cash movements	1,725,764	(54,897)
Balance as at 31 December 2021	**28,214,222**	**1,194,525**

	Funds borrowed	**Debt securities issued**
Balance as at 1 January 2020	13,484,458	2,333,877
Cash flows	2,437,146	2,434,526
Other non-cash movements	478,348	42,234
Balance as at 31 December 2020	**16,399,952**	**4,810,637**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

16. OTHER LIABILITIES AND PROVISIONS

	31 December 2021	31 December 2020
Other liabilities		
Payables to credit card member firms	1,772,022	1,094,419
Cheque clearing account	1,670,339	954,251
Payables to banks for credit cards transactions	1,300,921	935,422
Collaterals for derivatives	1,440,000	56,462
Deferred insurance commission income	850,552	470,836
Lease liabilities	577,661	604,874
Bonus premium accrual	276,914	185,722
Trade and other payables	261,267	149,038
Taxes and compulsory surcharges other than on income	257,557	170,748
Other transitory accounts	233,155	163,417
Payables for promotions of credit cards and banking services	17,562	11,935
Blocked bank cheques	12,379	2,372
Payment orders	2,133	2,038
Others	639,586	262,607
	9,312,048	**5,064,141**
Provisions		
Employee termination benefits	500,668	297,060
Reserve for impairment of non-cash loans (Stage 1, Stage 2, Stage 3)	345,560	311,330
Provision for legal cases	83,179	93,625
Unused vacation accruals	17,454	15,249
Provision for other personnel expenses	-	37,100
Other provisions	29,470	34,868
	976,331	**789,232**
Total	**10,288,379**	**5,853,373**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

16. OTHER LIABILITIES AND PROVISIONS (Continued)

Employee Termination Benefits

In accordance with existing social legislation, TEB and its subsidiaries incorporated in Turkey are required to make lump-sum payments to employees whose employment is terminated due to retirement or for reasons other than resignation or misconduct. Such payments are calculated on the basis of 30 days' pay (limited to a maximum of TL10,848.59 (full TL) and TL7,117.17 (full TL) at 31 December 2021 and 2020, respectively) per year of employment at the rate of pay applicable at the date of retirement or termination. In the financial statements as of 31 December 2021 and 2020, the Group reflected a liability calculated using the Projected Unit Credit Method and based upon factors derived using their experience of personnel terminating their services and being eligible to receive retirement pay and discounted by using the current market yield on government bonds at the balance sheet date.

The principal actuarial assumptions used in the calculation of the total liability at the balance sheet dates are as follows:

	31 December 2021	31 December 2020
Discount rate	20.01%	14.50%
Expected rate of inflation	16.03%	10.03%
Salary increase rate above inflation rate	1.00%	1.00%

Movements in the present value of the employee termination benefit obligations in the current year were as follows:

	1 January- 31 December 2021	1 January- 31 December 2020
Opening defined benefit obligation (DBO)	297,060	200,712
Current service cost	29,344	19,392
Interest cost	41,843	24,358
Actuarial losses / (gains)	164,670	65,687
Settlement cost	8,250	2,742
Benefits paid	(40,499)	(15,831)
Closing defined benefit obligation, recognised in the balance sheet	**500,668**	**297,060**

Amounts recognised in profit or loss in respect of employee termination benefit plan are as follows:

	31 December 2021	31 December 2020
Current service cost	29,344	19,392
Interest cost	41,843	24,358
Settlement loss	8,250	2,742
Total	**79,437**	**46,492**

Below is the table of sensitivity results to DBO in % change as at 31 December 2021 for the Bank:

Assumption change	% change in defined benefit obligation
Discount Rate +1%	(10.40)
Discount Rate -1%	12.10
Inflation +1%	12.40
Inflation -1%	(10.80)
No Withdrawal	4.50

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

16. OTHER LIABILITIES AND PROVISIONS (Continued)

Retirement Benefits

The employees who have joined the Bank as a consequence of the merger of TEB and Fortis Bank are members of the "Pension Fund Foundation" established in accordance with the Social Security Law No.506, Article No.20.

The liabilities described in the Note 2.3 Summary of Significant Accounting Policies, Judgments and Estimates – Employee Benefits section which may arise during the transfer have been calculated by the actuary based on the principles of the related regulation, whereas the liabilities in connection with other social rights and benefits which will not be undertaken by the SSI after the transfer have been calculated by the actuary based on IAS 19 principles. Based on the actuarial reports prepared as of 31 December 2021 and 31 December 2020, the Retirement Fund has a surplus. Since the Bank has no legal rights to carry the economic benefits arising from repayments of Pension Funds and/or decreases in future contributions at present value; no asset has been recognised in the balance sheet.

Based on the determined assumptions,

Transferrable Retirement and Health Liabilities:	**31 December 2021**	**31 December 2020**
Net Present Value of Transferrable Retirement Liabilities	(1,450,105)	(1,081,794)
Net Present Value of Transferrable Retirement and Health Contributions	397,240	371,589
General Administration Expenses	(14,501)	(10,818)
Present Value of Pension and Medical Benefits Transferable to SSF (1)	(1,067,366)	(721,023)
Fair Value of Plan Assets (2)	3,607,657	2,998,581
Asset Surplus over Transferable Benefits ((2)+(1)=(3))	2,540,291	2,277,558
Non-Transferable Benefits (4)	(960,056)	(624,502)
Asset Surplus over Total Benefits ((3)+(4))	1,580,235	1,653,056

Change in the present value of the defined-benefit obligation:

	31 December 2021	**31 December 2020**
DBO at start of period	**1,345,525**	**977,405**
Service cost	56,753	46,264
Interest expense on the DBO	87,653	48,714
Benefits paid from the Fund	(67,177)	(53,541)
Actuarial (gain)/loss – change in transfer value to SGK	346,343	148,345
Actuarial (gain)/loss – financial assumptions	216,809	163,821
Actuarial (gain)/loss – experience	41,516	14,517
DBO at end of period	**2,027,422**	**1,345,525**

Change in the fair value of plan assets:

	31 December 2021	**31 December 2020**
Fair value of plan assets at start of period	**2,998,581**	**2,646,999**
Interest income on plan assets	327,346	257,580
Return on plan assets excluding amounts included in interest income	308,890	112,328
Employer contributions	42,317	37,204
Fund benefits	(67,177)	(53,541)
Expenses	(2,300)	(1,989)
Fair value of plan assets at end of period	**3,607,657**	**2,998,581**

Amounts recognised in the Balance Sheet

	31 December 2021	**31 December 2020**
Present value of obligations	2,027,422	1,345,525
Fair value of plan assets	(3,607,657)	(2,998,581)
Adjustment for impact of asset ceiling	1,580,235	1,653,056
Net Liability/(Asset) in Balance Sheet	**-**	**-**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

16. OTHER LIABILITIES AND PROVISIONS (Continued)

Retirement Benefits (Continued)

Distribution of fair value total assets of the Retirement Fund as of 31 December 2021 and 31 December 2020 is presented below:

	31 December 2021		31 December 2020	
	Quoted	**Not Quoted**	**Quoted**	**Not Quoted**
Bank placements	-	3,368,742	-	2,804,241
Government Bonds and Treasury Bill, Fund and Accrual Interest Income	-	-	-	-
Tangible assets	-	121,397	-	119,573
Other	-	117,518	-	74,767
Total	**-**	**3,607,657**	**-**	**2,998,581**

Actuarial assumptions used in valuation of liabilities except for transferrable liabilities based on IAS 19 are as follows:

	31 December 2021	31 December 2020
Discount Rate	20.01%	14.50%
Expected Inflation Rate	16.03%	10.03%

In order to represent the expected mortality rates before and after the retirement, CSO 2001 (31 December 2020: CSO 2001) Female/Male mortality table is used.

17. INCOME TAXES

Corporate Tax

The Group is subject to corporate taxes. Tax consolidation is not possible in Turkey. Each entity should submit its corporate tax return separately. Provision is made in the accompanying financial statements for the estimated charge based on each company’s results for the period.

Corporate tax is applied on taxable corporate income, which is calculated from the statutory accounting profit by adding back non-deductible expenses, and by deducting dividends received from resident companies and other exempt income.

According to the Article 32 of the Corporate Tax Law No. 5520, announced in the Official Gazette dated 21 June 2006, the corporate tax rate is 20% in Turkey. However, the corporate income tax rate has been applied as 22% for 3 the years between 2018-2020 regarding to the "Law on Amendment of Certain Tax Laws and Some Other Laws" numbered 7061 and published in the Official Gazette on 5 December 2017. With Article 11 of the Law No. 7316 on the Procedure for Collection of Public Claims and Amending Certain Laws, which was published in the Official Gazette dated 22 April 2021 and numbered 31462, and with the Provisional Article 13 added to the Corporate Tax Law No. 5520, the Corporate Tax rate will be applied as 25% for the corporate earnings of the 2021 taxation period and will be applied 23% for the corporate earnings of the 2022 taxation period.

Losses are allowed to be carried for maximum 5 years to be deducted from the taxable profits of the following years. However, losses incurred cannot be deducted from the profits incurred in the prior years retrospectively.

In Turkey, there is no procedure for a final and definitive agreement on tax assessments. Companies file their tax returns between 1st and 25th of the fourth month following the close of the fiscal year to which they relate. Tax authorities may, however, examine such returns and the underlying accounting records and may revise assessments within the following five years.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

17. INCOME TAXES (Continued)

Income Withholding Tax

In addition to corporate taxes, companies should also calculate income withholding taxes on dividends distributed, if any, except for companies receiving dividends who are resident companies in Turkey and Turkish branches of foreign companies. The rate of income withholding tax is 15%. Tax Treaties, if any, should also be considered for the determination of tax rate for the dividends distributed to non-residents. Undistributed dividends incorporated in share capital are not subject to income withholding taxes.

As of 31 December 2021 and 2020 advance income taxes are netted off with the current income tax liability as stated below:

	31 December 2021	31 December 2020
Income tax liability	484,708	537,256
Advance income taxes	(471,351)	(365,266)
Total	**13,357**	**171,990**

Major components of income tax expense for the year ended 31 December 2021 and 2020 are:

	31 December 2021	31 December 2020
Consolidated income statement		
Current income tax (charge)/benefit	(218,125)	(523,814)
Relating to origination and reversal of temporary differences	(424,609)	115,800
Income tax (charge)/benefit reported in consolidated income statement	**(642,734)**	**(408,014)**

Reconciliation between tax expense and the product of accounting profit multiplied by the statutory income tax rate of the Bank for the year ended 31 December 2021 and 2020 are as follows:

	31 December 2021	31 December 2020
Profit before income tax	**2,723,245**	**1,677,237**
At Turkish statutory income tax rate of 25% for 2021 and 22% for 2020	(680,811)	(368,992)
Income not subject to tax	10,459	6,621
Other, net (including effects of disallowables, permanent differences and different tax rates applied in different jurisdictions)	27,618	(45,643)
Income tax	**(642,734)**	**(408,014)**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

17. INCOME TAXES (Continued)

Deferred tax

Deferred tax at 31 December 2021 and 2020 relates to the following:

	Consolidated Balance Sheet		Change in Deferred Tax	
	2021	**2020**	**2021**	**2020**
Deferred tax liabilities				
Difference between tax and reporting bases of premises and equipment and intangible assets	39,980	16,432	23,548	2,157
Effect of valuation of derivatives and hedge accounting	932,551	16,151	916,400	164,661
Valuation differences of trading and investment securities	(224,820)	267	(225,087)	34,637
Gross deferred tax liabilities	**747,711**	**32,850**	**714,861**	**201,455**
Deferred tax assets				
Impairment provisions on loans and receivables	455,881	395,740	60,141	59,792
Deferred fee and commission income	216,270	123,455	92,815	73,637
Employee termination benefits and vacation pay liability	100,216	62,462	37,754	19,197
Bonus premium accrual	63,690	37,145	26,545	4,488
Others	59,030	65,637	(6,607)	28,734
Gross deferred tax assets	**895,087**	**684,439**	**210,648**	**185,848**
Deferred tax asset, net	**147,376**	**651,589**	**(504,213)**	**(15,607)**

Movement of net deferred tax asset can be presented as follows:

	31 December 2021	31 December 2020
Balance at January 1	**651,589**	**667,146**
Deferred tax credit /(charge) recognised in income statement, net	(424,609)	115,800
Deferred tax (charge)/ credit recognised in other comprehensive income	(79,471)	(131,357)
- FVOCI	29,458	26,926
- Cash flow hedge	(138,725)	(169,324)
- Actuarial gains and losses	29,796	11,041
Foreign exchange differences	(133)	-
Balance at 31 December	**147,376**	**651,589**

Reflected as:

	31 December 2021	31 December 2020
Deferred tax asset	147,376	651,589

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

18. DERIVATIVES

In the ordinary course of business, the Group enters into various types of transactions that involve derivative financial instruments. A derivative financial instrument is a financial contract between two parties where payments are dependent upon movements in price in one or more underlying financial instruments, reference rates or indices. Derivative financial instruments include forwards, swaps, futures and options.

The table below shows the fair values of derivative financial instruments. The notional amount is the amount of a derivative's underlying asset, reference rate or index and is the basis upon which changes in the value of derivatives are measured. The notional amounts indicate the volume of transactions outstanding at period end and are neither indicative of the market risk nor credit risk.

	31 December 2021			31 December 2020		
Derivatives at fair value through profit or loss	**Fair value assets**	**Fair value liabilities**	**Notional amount in Turkish Lira equivalent**	**Fair value assets**	**Fair value liabilities**	**Notional amount in Turkish Lira equivalent**
Forward contracts	762,834	1,380,151	26,910,085	449,418	77,822	16,798,167
Currency swap contracts	3,522,791	704,596	96,580,960	242,128	1,046,895	43,861,715
Cross currency swap contracts	1,618,141	1,676,370	17,780,330	966,956	1,067,649	14,941,509
Interest rate swap contracts	278,177	227,301	23,197,546	47,924	42,851	19,509,018
Call & put option contracts	150,033	170,635	13,358,842	46,183	25,126	4,120,731
Futures contracts	-	-	806,991	-	-	1,133,911
Other	-	124	2,084,252	-	-	2,960,427
Total	**6,331,976**	**4,159,177**	**180,719,006**	**1,752,609**	**2,260,343**	**103,325,478**

Derivatives settled on a gross basis

	Up to 1 month	1-3 months	3-12 months	1-5 years	Over 5 years
Derivatives at fair value through profit or loss:					
Foreign exchange derivatives:					
- Inflow	26,537,895	30,007,750	10,867,536	8,304,723	325,263
- Outflow	23,957,703	29,621,386	9,424,856	9,610,279	217,139
Interest rate derivatives:					
- Inflow	-	-	-	-	-
- Outflow	1,471,165	693,877	1,465,943	-	-
Derivatives held for hedging:					
Foreign exchange derivatives:					
- Inflow	-	-	-	-	-
- Outflow	-	-	-	-	-
Total inflow	**26,537,895**	**30,007,750**	**10,867,536**	**8,304,723**	**325,263**
Total outflow	**25,428,868**	**30,315,263**	**10,890,799**	**9,610,279**	**217,139**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

18. DERIVATIVES (Continued)

Fair value hedge

The Bank applied fair value hedge accounting in order to avoid the effects of interest rate fluctuations in the market by matching its swap portfolio with its marketable securities. As of 31 December 2020, the nominal value of derivative instruments for risk management purposes is TL6,250,067 (31 December 2021: nil) and the net fair value is TL363,278 (31 December 2021: nil).

	31 December 2021			31 December 2020		
Derivatives used for fair value hedging purposes	**Fair value assets**	**Fair value liabilities**	**Notional amount in Turkish Lira equivalent**	**Fair value assets**	**Fair value liabilities**	**Notional amount in Turkish Lira equivalent**
Swap contracts	-	-	-	433,201	84,098	6,250,067
	-	**-**	**-**	**433,201**	**84,098**	**6,250,067**

Cash flow hedge

The Bank has applied cash flow hedge accounting by matching its swap portfolio to hedge the exposure to variability in cash flows of the Bank (Total notional amount TL29,455,518) with 1-90 days of maturity deposit portfolio and selected borrowing portfolio. Effective portion of TL374,849 (31 December 2020: TL283,380 credit) debit accounted for under equity is presented after deducting its deferred tax effect of TL82,051 (31 December 2020: TL56,676 debit) credit in the financial statements. In 2021, TL60,244 of ineffectiveness (31 December 2020: TL18,266) is recorded in “Net loss on financial instruments at FVTPL” in the income statement.

The following table contains details of the derivatives used for cash flow hedging purposes:

	31 December 2021			31 December 2020		
Derivatives used for cash flow hedging purposes	**Fair value assets**	**Fair value liabilities**	**Notional amount in Turkish Lira equivalent**	**Fair value assets**	**Fair value liabilities**	**Notional amount in Turkish Lira equivalent**
Swap contracts	1,696,454	145,122	4,195,454	615,008	457,715	4,852,334
Interest rate swap contracts	106,015	185,489	25,260,064	35,134	526,847	12,905,040
	1,802,469	**330,611**	**29,455,518**	**650,142**	**984,562**	**17,757,374**

The following table contains details of the hedged exposures covered by the Group’s hedging strategies:

31 December 2021	**Carrying amount of hedged item**		**Accumulated amount of fair value adjustments on the hedged item**		**Balance sheet line item**	**Change in fair value of hedged item for ineffectiveness assessment**	**Cash flow hedge reserve**	
Cash flow hedges	**Assets**	**Liabilities**	**Assets**	**Liabilities**			**Continuing hedges**	**Discontinued hedges**
Cross currency swaps								
Floating rate deposits	-	2,946,576	-	-	Deposits from customers	36,469	46,534	-
Borrowings	-	-	-	-	Funds borrowed	-	-	-
Interest rate swaps								
Floating rate deposits	-	12,758,812	-	-	Deposits from customers	(257,947)	268,071	60,244

31 December 2020	**Carrying amount of hedged item**		**Accumulated amount of fair value adjustments on the hedged item**		**Balance sheet line item**	**Change in fair value of hedged item for ineffectiveness assessment**	**Cash flow hedge reserve**	
Cash flow hedges	**Assets**	**Liabilities**	**Assets**	**Liabilities**			**Continuing hedges**	**Discontinued hedges**
Cross currency swaps								
Floating rate deposits	-	2,736,147	-	-	Deposits from customers	246,632	(191,028)	-
Borrowings	-	-	-	-	Funds borrowed	-	-	-
Interest rate swaps								
Floating rate deposits	-	6,497,774	-	-	Deposits from customers	183,299	(110,618)	18,266

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

18. DERIVATIVES (Continued)

The following table contains information regarding the effectiveness of the hedging relationships designated by the Group, as well as the impacts on profit or loss and other comprehensive income by hedging instruments:

				Amounts reclassified from reserves to P/L as (*):		
31 December 2021	**Gains / (loss) recognised in OCI**	**Hedge ineffectiveness recognised in P/L**	**PL line item that includes hedge ineffectiveness**	**Hedge cash flows will no longer occur**	**Hedge item effected P/L**	**PL line item that includes reclassified amount**
Cash flow hedges						
Cross currency swaps						
Floating rate deposits	46,534	-	-	-	-	-
Borrowings	-	-	-	-	-	-
Interest rate swaps						
Floating rate deposits	328,315	-	-	60,244	(3,064)	Net loss on financial instruments at FVTPL

(*) Foreign exchange net gain on hedging transactions is TL1,501,025

				Amounts reclassified from reserves to P/L as (*):		
31 December 2020	**Gains / (loss) recognised in OCI**	**Hedge ineffectiveness recognised in P/L**	**PL line item that includes hedge ineffectiveness**	**Hedge cash flows will no longer occur**	**Hedge item effected P/L**	**PL line item that includes reclassified amount**
Cash flow hedges						
Cross currency swaps						
Floating rate deposits	(191,028)	-	-	-	-	-
Borrowings	-	-	-	-	-	-
Interest rate swaps						
Floating rate deposits	(92,352)	-	-	18,266	4,207	Net loss on financial instruments at FVTPL

(*) Foreign exchange net gain on hedging transactions is TL801,149

19. SHARE CAPITAL

	31 December 2021	**31 December 2020**
Total number of shares, TL 1.00 (full TL) par value	2,204,390 Thousand	2,204,390 Thousand

As of 31 December 2021 and 31 December 2020, the composition of shareholders and their respective ownerships are summarized below:

	31 December 2021		**31 December 2020**	
	Amount	**%**	**Amount**	**%**
TEB Holding A.Ş.	1,212,415	55.00	1,212,415	55.00
BNP Yatırımlar Holding A.Ş.	518,342	23.51	518,342	23.51
BNP Paribas Fortis Yatırımlar Holding A.Ş.	467,879	21.23	467,879	21.23
BNPP Paribas S.A.	5,253	0.24	5,253	0.24
Kocaeli Ticaret Odası	501	0.02	501	0.02
Total	**2,204,390**	**100.00**	**2,204,390**	**100.00**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

20. LEGAL RESERVES, RETAINED EARNINGS AND DIVIDENDS PAID AND PROPOSED

Movement of Legal Reserves and Retained Earnings

	31 December 2021				31 December 2020			
	Legal Reserves	Other Capital Reserves	Retained Earnings	Total	Legal Reserves	Other Capital Reserves	Retained Earnings	Total
At 1 January	490,587	1,084,258	8,007,944	9,582,789	434,338	1,084,258	6,801,121	8,319,717
Transfer from retained earnings	60,319	-	(60,319)	-	56,249	-	(56,249)	-
Dividends paid	-	-	-	-	-	-	-	-
Net profit for the year (Attributable to the equity holders of the Parent)	-	-	2,072,345	2,072,345	-	-	1,263,072	1,263,072
At 31 December	**550,906**	**1,084,258**	**10,019,970**	**11,655,134**	**490,587**	**1,084,258**	**8,007,944**	**9,582,789**

Legal Reserves

The legal reserves consist of first and second legal reserves, appropriated in accordance with the Turkish Commercial Code. The first legal reserve is appropriated out of statutory profits at the rate of 5%, until the total reserve reaches 20% of the entity's share capital. The second legal reserve is appropriated after the first legal reserve and dividends, at the rate of 10% of all cash dividend distributions.

Dividends Paid and Proposed

It has been resolved in the Ordinary General Assembly dated 26 March 2021 of the Bank, TL1,117,314 that constitutes the 2020 net balance sheet profit shall be transferred to the Extraordinary Reserves after setting aside, in accordance with the proposal in the resolution of the Board of Directors, TL58,866 as Legal Reserves, TL935 as Special Reserves, TL 0.96 (full TL) as profit distributed to the holders of the founder jouissance certificates.

Movements of Unrealized Gains/ Losses on Financial Assets at Fair Value through other comprehensive income Investments, Net of Tax

	31 December 2021	31 December 2020
At 1 January	**(85,790)**	**19,528**
Net unrealized gains on FVOCI	(82,417)	(144,892)
Realized (gains) / losses on FVOCI recycled to income statement on disposal	(58,756)	12,448
Tax effect of net gains on FVOCI	29,443	26,926
FVOCI Revaluation Reserve	2,372	200
Total	**(195,148)**	**(85,790)**

Movements of Reserve for Hedging Funds, Net of Tax

	31 December 2021	31 December 2020
At 1 January	**(226,704)**	**(886,750)**
(Losses) / gains on cash flow hedges	672,306	840,055
Realized losses/(gains) on cash flow hedges to income statement	(14,078)	(10,685)
Tax effect of gains on cash flow hedges	(138,725)	(169,324)
Total	**292,799**	**(226,704)**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

21. EARNINGS PER SHARE

Basic earnings per share (EPS) are calculated by dividing the net profit for the period attributable to ordinary shareholders by the weighted average number of ordinary shares outstanding during the period.

In Turkey, companies can increase their share capital by making a pro rata distribution of shares ("Bonus Shares") to existing shareholders without consideration for amounts resolved to be transferred to share capital from profit reserves such as retained earnings and revaluation surplus. For the purpose of the EPS calculation such Bonus Share issues are regarded as stock dividends. Dividend payments, which are immediately reinvested in the shares of the Bank, are regarded similarly. Accordingly the weighted average number of shares used in EPS calculation is derived by giving retroactive effect to the issue of such shares, which are shown in the table below.

The following reflects the income (in full TL) and share data (in thousand) used in the basic earnings per share computations:

	31 December 2021	**31 December 2020**
Net profit attributable to ordinary shareholders	2,072,345	1,263,072
Weighted average number of ordinary shares for basic earnings per share	2,204,390	2,204,390
Basic earnings per share	0.9401	0.5730
Diluted earnings per share	0.9401	0.5730

There have been no other transactions involving ordinary shares or potential ordinary shares since the end of the reporting period and before the authorization of these consolidated financial statements for issue.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

22. RELATED PARTY DISCLOSURES

Parties are considered to be related if one party has the ability to control the other party or exercise significant influence over the other party in making the financial and operating decisions. For the purpose of these consolidated financial statements, associates, shareholders, Çolakoğlu Group companies, and BNP Paribas Group entities including Fortis Bank Group are referred to as related parties. Related parties also include individuals that are principal owners, management and members of the Group's Board of Directors and their families.

In the normal course of its business, the Group conducted various business transactions with related parties on normal commercial terms and conditions. These transactions primarily include loans, deposits and borrowing transactions. The significant outstanding balances and transactions with related parties at period-ends and relating expense and income for the period are as follows:

31 December 2021:

Related party (*)	Cash loans	Non-cash loans	Funds borrowed	Deposits taken	Deposits with banks	Derivative financial instruments assets	Other liabilities	Derivative financial instruments liabilities	Notional amount of derivative transactions	Interest income	Interest expense	Other operating income	Other operating expense
Direct shareholders	-	275	-	558,480	-	-	3,393	-	-	15	2,933	737	31,002
Indirect shareholders	-	388,955	6,057,725	4,019,393	238,949	2,707,710	3,425	1,732,474	46,070,325	4,823	894,048	14,733	544
Others	963,425	129,424	2,549,228	1,263,224	812,103	-	6,932	48,613	729,855	54,971	250,696	34,343	58,531

31 December 2020:

Related party (*)	Cash loans	Non-cash loans	Funds borrowed	Deposits taken	Deposits with banks	Derivative financial instruments assets	Other liabilities	Derivative financial instruments liabilities	Notional amount of derivative transactions	Interest income	Interest expense	Other operating income	Other operating expense
Direct shareholders	-	-	-	30,278	-	-	3,488	-	-	3	1,881	1,290	30,197
Indirect shareholders	-	438,193	3,915,889	5,566,432	161,422	1,032,553	5,564	1,550,364	28,536,282	7,593	577,191	2,823	324
Others	665,440	89,477	1,097,588	1,281,302	76,533	7,636	1,406	620	284,453	16,452	70,266	33,843	42,053

(*) "Direct shareholders" of the Group corresponds to TEB Holding A.Ş., BNP Yatırımlar Holding A.Ş. and BNP Paribas Fortis Yatırımlar Holding A.Ş.. "Indirect shareholders" of the Group corresponds to BNP Paribas SA, Çolakoğlu family members, Denak Depoculuk ve Nakliyecilik A.Ş., Çolakoğlu Metalurji A.Ş., Galata Yatırım Holding A.Ş.. "Others" corresponds to all other Çolakoğlu Group companies and BNP Paribas Group companies.

Compensation of Key Management Personnel of the Group

The executive and non-executive members of Board of Directors and management received remuneration and fees totaling TL81,530 as of 31 December 2021 (31 December 2020: TL62,363) comprising mainly salaries and other short-term benefits.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

23. SALARIES AND EMPLOYEE BENEFITS

	31 December 2021	31 December 2020
Wages and salaries	1,314,259	1,129,289
Cost of defined contribution plan (employers' share of social security premiums)	242,430	210,875
Bonuses	199,238	139,047
Provision for employee termination benefits	79,437	46,492
Other fringe benefits	96,118	138,713
Total	**1,931,482**	**1,664,416**

24. OTHER OPERATING EXPENSES

	31 December 2021	31 December 2020
Maintenance and various administrative expenses	769,158	654,971
Communication expenses	131,980	110,715
Advertisement expenses	89,021	59,954
Rent expenses	43,945	36,525
Total	**1,034,104**	**862,165**

25. NET GAIN/LOSS ON FINANCIAL INSTRUMENTS AT FAIR VALUE THROUGH PROFIT OR LOSS

	31 December 2021	31 December 2020
Remeasurement of foreign currency position	2,273,479	176,825
Derivatives at fair value through profit or loss - fair value	(3,545,997)	(506,753)
Derivatives at fair value through profit or loss - interest	(273,656)	(251,275)
Derivatives – hedging instruments - fair value	(49,122)	(77,591)
Remeasurement of interest-rate risk hedged portfolios	31,773	(27,421)
Net gain/(loss) on securities at fair value through profit or loss	(122,929)	(37,143)
Total	**(1,686,452)**	**(723,358)**

26. FEE AND COMMISSION INCOME AND EXPENSES

	31 December 2021	31 December 2020
Fee and commission income		
Banking	2,025,977	1,358,848
Insurance	312,596	266,999
Brokerage	210,421	179,132
Fund management	105,340	84,612
Total	**2,654,334**	**1,889,591**
Fee and commission expenses		
Banking	1,022,662	571,015
Other	461,586	343,381
Total	**1,484,248**	**914,396**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

27. COMMITMENTS AND CONTINGENCIES

In the normal course of business activities, the Group undertakes various commitments and incurs certain contingent liabilities that are not presented in the financial statements including:

	31 December 2021	31 December 2020
Letters of guarantee issued	21,094,089	14,183,394
Letters of credit	10,343,834	5,025,525
Acceptance credits	33,680	16,573
Other guarantees	7,060,674	5,019,754
Total non-cash loans	**38,532,277**	**24,245,246**
Credit card limit commitments	12,007,806	8,978,512
Asset purchase and sale commitments	11,251,216	3,031,018
Loan granting commitments	7,173,859	5,736,570
Payment commitment for checks	2,135,381	1,741,408
Other commitments	934,222	536,881
Total	**72,034,761**	**44,269,635**

Fiduciary Activities

The Group provides custody, investment management and advisory services to third parties. Those assets that are held in a fiduciary capacity are not included in the accompanying consolidated financial statements.

Investment fund participation certificates held in custody which belong to the customers and the related portfolio are not recognised on the statement of financial position. As of 31 December 2021 the total nominal value and number of certificates are TL7,112,025 and 7,112,025 thousand, respectively (31 December 2020: TL4,218,738 and 4,218,738 thousand, respectively).

The Group has earned TL105,340 (31 December 2020: TL85,505) fund management commission income for the year ended 31 December 2021.

The Group also manages thirty three investment funds, which were established under the regulations of the Turkish Capital Markets Board. In accordance with the funds' charters, the Group purchases and sells marketable securities on behalf of funds, markets their participation certificates and provides other services in return for a management fee and undertakes management responsibility for their operations.

Letters of Guarantee Given to Borsa Istanbul (BIST) and Istanbul Gold Market (IGM)

As of 31 December 2021, in line with the requirements of IGM, letters of guarantee amounting to TL5,490 (31 December 2020: TL3,029) had been obtained from local banks and were provided to IGM for transactions conducted in that market.

Litigation

In the normal course of its operations, the Group can be constantly faced with legal disputes, claims and complaints. The necessary provision, if any, for those cases are provided based on management estimates and professional advice. The Group has provided TL83,179 (31 December 2020: TL93,625) provision for legal cases.

28. FINANCIAL RISK MANAGEMENT

Organization of the Risk Management Function

The Group's activities involve some degree of risk or combination of risks. Therefore, procedures and operations throughout the Group are designed towards contributing to effective addressing of matters reflecting the disciplined and prudent risk management culture of the Group. The Group Risk Management supervises the risk management process of the Group.

The risk management process consists of the stages of defining and measuring the risks; establishing the risk policies and procedures and their implementation; and the analysis, review, reporting, research, recognition and assessment of risks within the framework of the basis set by the Board of Directors, Risk Committee and the Audit Committee.

The mission of the Group Risk Management is to inform Board of Directors, Risk Committee, General Management and the Audit Committee of the status of risks to which the Group is exposed and to ensure together with executive management that risks taken by the Group align with its policies and are compatible with its profitability and credit-rating objectives. It compiles regulatory statements and financial reporting regarding risk management and measurement.

The Board of Directors determines general credit policies, specific policies and power delegations and sets limits related to fundamental risks being carried by the Group. They have the ultimate responsibility of ensuring that senior management establishes and maintains an adequate and effective system of internal control.

The responsibility of the Risk Committee and the Audit Committee is to coordinate all the risk management activities within the bank and supervise the parties involved in Internal Control. In doing so, the Committees ensure establishment of an efficient and effective risk management.

Credit Risk

The Board of Directors determines general credit policies, specific policies and power delegations and sets limits related to fundamental risks being carried by the Group.

A system of delegated lending limits is established with ultimate authority being vested in the Board through the Credit Committees of the Group. Along with the Credit Committee, Financial Institutions and Country Risk Committee (FICRC) work as a sub-committee on a Group basis.

Credit limits are determined taking into account the borrowers' financial structure, some qualitative criteria and the quality of the guarantees.

The Group uses the internal rating and scoring systems, which takes into account various financial and non-financial indicators for the evaluation of Corporate, SME, Micro SME, Agriculture and Retail clients.

Counterparty limits are daily monitored on a consolidated basis. In accordance with the Group's credit policy, the ratings of the borrowers, credit limits and collateralization process are collectively considered and credit risks are closely monitored. The credit risks and limits relate to treasury activities, the limits of the correspondent banks that are determined by their ratings and the control of the accepted risk level in relation to equity are monitored on a daily basis.

The credibility of the debtors of the Group is assessed periodically in accordance with the prevailing regulations on lending.

In order to control the concentration risk, sector specific limits are imposed and monitored. The large exposure policies set by the Board determine the maximum exposure to customer groups in an approach which is generally more conservative than the limits set by the regulatory authorities.

The Group Risk Management reports to the Board of Directors, Risk Committee and the Audit Committee on a regular basis presenting risk concentrations, specific segments of the portfolio, large exposures, and impairment allowances as well as default and recovery rates.

Each subsidiary is required to implement credit policies, procedures and guidelines in line with the Group standards and is responsible for the quality and performance of its credit portfolio and controlling all credit risks.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

28. FINANCIAL RISK MANAGEMENT (Continued)

Credit Risk (Continued)

After a loan facility is offered, the Credit Monitoring Department monitors the customer's repayment capability and the sufficiency and adequacy of the collateral. In this way, any problematic loan is identified at an early stage.

Both collective and specific provisions are made with methodologies which are compliant with both IFRS standards and BNP Paribas methodologies.

Netting is a technique used by the Group to mitigate counterparty risks mainly on derivative transactions. The transactions concerned are executed according to the terms of bilateral or multilateral master agreements that comply with the general provisions of international master agreements such as International Swaps and Derivatives Association (ISDA).

An industry sector analysis of the Group's financial assets, non-cash loans and commitments are as follows;

	31 December 2021	**31 December 2020**
Production	54,893,941	34,812,250
Banks	41,405,431	28,209,165
Government	29,308,804	22,591,725
Private individuals	24,193,125	19,653,548
Wholesale and retail trade activities	15,105,801	11,892,365
Real Estate and Rental Services	6,260,697	5,220,209
Transportation	5,410,577	3,896,760
Finance	5,033,225	4,028,244
Ores & Materials	3,085,950	2,335,910
Hotels, Tourism, Leisure	3,084,934	2,522,002
Energy	2,695,396	2,002,415
Farming and raising livestock	1,474,439	1,243,646
Healthcare & Pharmacy	1,206,087	1,419,777
Others	68,015,387	42,373,643
Total	**261,173,794**	**182,201,659**

The table below shows the maximum exposure to credit risk for the components of the financial statements;

Gross maximum exposure	**31 December 2021**	**31 December 2020**
Cash and balances with central banks (excluding cash on hand)	29,297,295	17,476,003
Financial assets at fair value through profit or loss	9,125,487	3,383,362
Securities	2,793,511	1,630,753
Derivative financial instruments	6,331,976	1,752,609
Derivative used for hedging purposes	1,802,469	1,083,343
Financial assets at fair value through other comprehensive income	7,175,961	8,652,402
Debt securities	7,162,706	8,641,516
Equity securities	13,255	10,886
Financial assets at amortised cost	138,281,888	104,720,218
Loans and advances due from banks	12,104,891	8,386,527
Loans and advances to customers	102,016,838	77,662,059
Factoring receivables	4,609,613	2,489,729
Debt securities	19,547,301	12,502,532
Other money market placements	3,245	3,679,371
Other assets	3,390,000	2,503,837
Total	**189,073,100**	**137,819,165**
Contingent liabilities	38,532,277	24,245,246
Commitments	33,502,484	20,024,389
Total	**72,034,761**	**44,269,635**
Total credit risk exposure	**261,107,861**	**182,088,800**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

28. FINANCIAL RISK MANAGEMENT (Continued)

Credit Risk (Continued)

Credit quality per class of financial assets as of 31 December 2021 and 2020 are as follows;

31 December 2021	Stage 1	Stage 2	Stage 3	Total allowance for impairment (Stage 1+2+3)	Total
Cash and balances with central banks (excluding cash on hand)	29,324,159	-	-	(26,864)	29,297,295
Financial assets at fair value through profit or loss	9,125,487	-	-	-	9,125,487
Securities	2,793,511	-	-	-	2,793,511
Derivative financial instruments	6,331,976	-	-	-	6,331,976
Derivatives used for hedging purposes	1,802,469	-	-	-	1,802,469
Financial assets at fair value through other comprehensive income	7,175,961	-	-	-	7,175,961
Debt Securities	7,162,706	-	-	-	7,162,706
Equity Securities	13,255	-	-	-	13,255
Financial assets at amortised cost	129,322,387	9,685,905	3,359,316	(4,085,720)	138,281,888
Loans and advances due from banks	12,107,734	-	-	(2,843)	12,104,891
Loans and advances to customers	93,047,512	9,683,939	3,331,265	(4,045,878)	102,016,838
- Commercial	65,938,136	4,206,564	1,280,878	(2,150,765)	69,274,813
- Consumer	19,586,048	4,389,801	1,808,745	(1,591,469)	24,193,125
- Credit cards	7,079,515	1,087,574	241,642	(303,644)	8,105,087
- Other	443,813	-	-	-	443,813
Factoring receivables	4,612,196	1,966	28,051	(32,600)	4,609,613
Debt Securities	19,551,700	-	-	(4,399)	19,547,301
Other money market placements	3,245	-	-	-	3,245
Other assets	3,390,000	-	-	-	3,390,000
Total	**180,140,463**	**9,685,905**	**3,359,316**	**(4,112,584)**	**189,073,100**

31 December 2020	Stage 1	Stage 2	Stage 3	Total allowance for impairment (Stage 1+2+3)	Total
Cash and balances with central banks (excluding cash on hand)	17,488,944	-	-	(12,941)	17,476,003
Financial assets at fair value through profit or loss	3,383,362	-	-	-	3,383,362
Securities	1,630,753	-	-	-	1,630,753
Derivative financial instruments	1,752,609	-	-	-	1,752,609
Derivatives used for hedging purposes	1,083,343	-	-	-	1,083,343
Financial assets at fair value through other comprehensive income	8,652,402	-	-	-	8,652,402
Debt Securities	8,641,516	-	-	-	8,641,516
Equity Securities	10,886	-	-	-	10,886
Financial assets at amortised cost	97,303,020	7,966,268	3,520,150	(4,069,220)	104,720,218
Loans and advances due from banks	8,387,558	-	-	(1,031)	8,386,527
Loans and advances to customers	70,255,603	7,952,345	3,501,882	(4,047,771)	77,662,059
- Commercial	48,617,720	4,204,131	3,096,177	(3,206,306)	52,711,722
- Consumer	16,922,139	3,070,285	315,522	(654,398)	19,653,548
- Credit cards	4,540,033	677,929	90,183	(187,067)	5,121,078
- Other	175,711	-	-	-	175,711
Factoring receivables	2,474,699	13,923	18,268	(17,161)	2,489,729
Debt Securities	12,505,350	-	-	(2,818)	12,502,532
Other money market placements	3,679,810	-	-	(439)	3,679,371
Other assets	2,503,837	-	-	-	2,503,837
Total	**130,414,908**	**7,966,268**	**3,520,150**	**(4,082,161)**	**137,819,165**

Carrying amount per class of financial assets whose terms have been renegotiated:

	31 December 2021	31 December 2020
Loans and receivables		
Commercial	76,402	66,252
Consumer	12,207	3,912
Credit Cards	17,629	22,188
Total	**106,238**	**92,352**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

28. FINANCIAL RISK MANAGEMENT (Continued)

Credit Rating System

The credit risk is assessed through the internal rating system of the Group, by classifying loans from highest grade to lowest grade according to the probability of default. As of 31 December 2021, consumer loans and business loans are excluded from the internal rating system of the Bank and those loans are 27.12% (31 December 2020: 29.70%) of total loan portfolio. The risks that are subject to rating models can be allocated as follows:

Category	Description of Category	Share in the Total % 31.12.2021	Share in the Total % 31.12.2020
1st Category	The borrower has a very strong financial structure	53.82	47.06
2nd Category	The borrower has a good financial structure	21.35	25.30
3rd Category	The borrower has an intermediate level of financial structure	19.12	20.35
4th Category	The financial structure of the borrower has to be closely monitored in the medium term	5.71	7.29
	Total	**100.00**	**100.00**

Liquidity Risk

Liquidity risk is the risk that an entity will be unable to meet its net funding requirements when due. Liquidity risk may arise from market disruptions or credit downgrades which may cause certain sources of funding to become unavailable. Liquidity risk occurs when there is insufficient amount of cash inflow to fulfill the cash outflow completely on time.

The Group’s policy is to establish a resilient liquidity profile of assets that provides comfort in meeting all kinds of liabilities and commitments so that cash flows are appropriately balanced and all funding obligations are met when due.

The management of liquidity and funding is primarily carried out by the operating companies in accordance with the Group liquidity standards and the limits set by the relevant Board of Directors. It is the general policy of the Group that each operating entity should be self-sufficient with regard to funding requirements for its own operations.

The Group’s liquidity management process includes projections of cash flows, monitoring balance sheet ratios against internal and regulatory requirements, maintaining diverse range of funding sources, managing the concentration risk, managing maturity mismatches and maintaining contingency plans with regard to liquidity and funding.

Asset and Liability Management Committee (ALCO) defines ALM policies and monitor the results biweekly. Asset Liability Management and Treasury (ALM/T) Group has the responsibility for managing funding on money markets and financial markets from short to medium and long term financing and also provides funds to core business lines at TEB and to reinvest surplus cash. While conducting asset and liability management, the Group aims to generate a positive margin between the financing cost and product income and an optimum maturity risk.

The main source of funding to cover the liquidity requirements is customer deposits and in addition to this source, issuing bonds, borrowings from several credit institutions and banks and professional markets utilizing a range of products, maturities, currencies and counterparties to avoid undue reliance on any particular funding source.

The Group Risk Management monitors compliance with policies, limits and indicators in relation to liquidity.

The liquidity position is assessed and managed under a variety of scenarios, giving due consideration to stress factors relating to both the market in general and specifically to the Group. The most important among these is to maintain limits on the ratio of the Bank’s net liquid assets to customer liabilities, set to reflect market conditions. Consolidated Liquidity Coverage Ratio as of 31 December 2021 presented below:

	TL+FC	FC
December 2021	195.83%	498.03%
December 2020	209.44%	419.84%

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

28. FINANCIAL RISK MANAGEMENT (Continued)

Liquidity Risk (Continued)

The table below analyses assets and liabilities of the Group into relevant maturity groupings based on the remaining period at balance sheet date to contractual maturity date.

	Up to 1 month	1 to 3 months	3 months to 1 year	Over 1 year	Unallocated (*)	Total
As at 31 December 2021						
Assets:						
Cash and balances with central banks	37,025,909	-	-	-	(26,864)	36,999,045
Financial assets at fair value through profit or loss	1,924,674	2,178,056	1,334,559	3,385,838	302,360	9,125,487
Securities	204,901	184,115	523,936	1,578,199	302,360	2,793,511
Derivative financial instruments	1,719,773	1,993,941	810,623	1,807,639	-	6,331,976
Derivatives used for hedging purposes	-	-	1,531,866	270,603	-	1,802,469
Financial assets at fair value through other comprehensive income	39,232	269,447	948,876	5,905,151	13,255	7,175,961
Debt securities	39,232	269,447	948,876	5,905,151	-	7,162,706
Equity securities	-	-	-	-	13,255	13,255
Financial assets at amortised cost	41,341,622	14,300,523	38,849,305	44,516,841	(726,403)	138,281,888
Loans and advances due from banks	12,107,734	-	-	-	(2,843)	12,104,891
Loans and advances to customers	27,246,788	11,835,077	36,061,088	27,588,498	(714,613)	102,016,838
Factoring receivables	1,983,855	1,933,112	693,648	3,546	(4,548)	4,609,613
Debt securities	-	532,334	2,094,569	16,924,797	(4,399)	19,547,301
Other money market placements	3,245	-	-	-	-	3,245
Current tax asset	138,894	-	-	-	-	138,894
Deferred tax asset	-	-	-	-	147,376	147,376
Other assets	970,235	1,353	8,339	117	2,475,889	3,455,933
Equity- method investments	-	-	-	-	-	-
Property, plant and equipment	-	-	-	-	937,503	937,503
Intangible assets	-	-	-	-	188,535	188,535
Goodwill	-	-	-	-	420,645	420,645
Total assets	**81,440,566**	**16,749,379**	**42,672,945**	**54,078,550**	**3,732,296**	**198,673,736**
Liabilities:						
Deposits from Central Bank	-	-	-	-	-	-
Financial liabilities at fair value through profit or loss	576,315	1,334,572	808,638	1,439,652	-	4,159,177
Derivative financial instruments	576,315	1,334,572	808,638	1,439,652	-	4,159,177
Derivatives used for hedging purposes	-	159,140	167,269	4,202	-	330,611
Financial liabilities at amortised cost	130,761,307	21,257,250	10,431,290	7,377,231	-	169,827,078
Deposits from credit institutions	1,999,736	-	-	-	-	1,999,736
Deposits from customers	118,928,986	10,359,259	287,263	1,378	-	129,576,886
Other money market deposits	4,679,049	2,575,838	1,586,822	-	-	8,841,709
Funds borrowed	4,104,304	8,176,860	8,557,205	136,817	-	20,975,186
Debt securities issued	1,049,232	145,293	-	-	-	1,194,525
Subordinated debts	-	-	-	7,239,036	-	7,239,036
Current tax liability	-	-	13,357	-	-	13,357
Deferred tax liability	-	-	-	-	-	-
Provision for contingencies and charges	-	-	-	-	976,331	976,331
Other liabilities	8,578,870	23,316	42,391	552,772	114,699	9,312,048
Total liabilities	**139,916,492**	**22,774,278**	**11,462,945**	**9,373,857**	**1,091,030**	**184,618,602**
Net liquidity gap	**(58,475,926)**	**(6,024,899)**	**31,210,000**	**44,704,693**	**2,641,266**	**14,055,134**
Non-cash loans (**)	**12,384,694**	**5,450,781**	**13,364,312**	**7,332,490**	**-**	**38,532,277**
As at 31 December 2020						
Total assets	43,395,303	9,025,132	30,273,292	55,142,240	4,707,623	142,543,590
Total liabilities	103,394,541	7,408,453	12,761,820	6,474,360	815,517	130,854,691
Net liquidity gap	**(59,999,238)**	**1,616,679**	**17,511,472**	**48,667,880**	**3,892,106**	**11,688,899**
Non-cash loans (**)	**8,271,701**	**2,719,244**	**6,823,344**	**6,430,957**	**-**	**24,245,246**

(*) The assets which are necessary to provide banking services and could not be liquidated in a short term, such as tangible assets, investments in subsidiaries and associates, office supply inventory, prepaid expenses and non-performing loans, are classified as under undistributed.

(**) The majority of the financing and guarantee commitments given in 'Up to 1 month' bracket, which amounted to TL10,181,182 (31 December 2020: TL6,917,238) can be drawn at sight.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

28. FINANCIAL RISK MANAGEMENT (Continued)

Liquidity Risk (Continued)

Analysis of financial liabilities by remaining undiscounted contractual maturities;

	Demand	Up to 1 month	1-3 months	3-12 months	1-5 years	Over 5 years	Adjustments	Total
As of 31 December 2021								
Customers' deposits	58,301,778	60,759,151	10,547,680	303,238	1,427	-	(336,388)	129,576,886
Deposits from other banks	37,570	1,963,832	-	-	-	-	(1,666)	1,999,736
Funds borrowed	-	4,363,717	8,227,356	10,284,405	1,968,338	8,991,685	(5,621,279)	28,214,222
Other money market deposits	-	4,680,792	2,598,569	1,593,351	-	-	(31,003)	8,841,709
Debt securities	-	1,078,661	150,058	-	-	-	(34,194)	1,194,525
Total	**58,339,348**	**72,846,153**	**21,523,663**	**12,180,994**	**1,969,765**	**8,991,685**	**(6,024,530)**	**169,827,078**
As of 31 December 2020								
Customers' deposits	32,703,427	47,586,464	5,941,850	241,975	367	-	(200,997)	86,273,086
Deposits from other banks	43,765	7,433,248	-	-	-	-	(8,647)	7,468,366
Funds borrowed	-	2,197,992	766,691	9,969,331	1,129,862	5,581,278	(3,245,202)	16,399,952
Other money market deposits	-	6,568,394	-	-	-	-	(20,141)	6,548,253
Debt securities issued	-	-	4,413,557	739,050	-	-	(341,970)	4,810,637
Total	**32,747,192**	**63,786,098**	**11,122,098**	**10,950,356**	**1,130,229**	**5,581,278**	**(3,816,957)**	**121,500,294**

Analysis of contractual expiry by maturity of the Group's some class of derivative financial instruments based on the amounts which will be settled in cash;

	Up to 1 month	1-3 months	3-12 months	1-5 years	Over 5 years	Total
As of 31 December 2021						
Hedging Portfolio						
Fair value hedge	-	-	-	-	-	-
Cash flow hedge	-	35,186	3,887,312	636,913	-	4,559,411
Trading Portfolio						
Forward contracts	4,716,764	3,435,743	5,101,585	217,898	-	13,471,990
Currency swaps	19,240,938	25,863,945	4,280,649	9,392,381	217,139	58,995,052
Interest rate swaps	-	-	-	-	-	-
Futures	-	321,698	42,622	-	-	364,320
Foreign currency options-sell	1,471,166	693,877	1,465,943	-	-	3,630,986
Total	**25,428,868**	**30,350,449**	**14,778,111**	**10,247,192**	**217,139**	**81,021,759**
As of 31 December 2020						
Hedging Portfolio						
Fair value hedge	1,047,907	4,338,325	-	-	863,835	6,250,067
Cash flow hedge	710,591	34,994	1,708,688	3,238,883	-	5,693,156
Trading Portfolio						
Forward contracts	3,000,033	2,271,615	2,318,963	553,143	-	8,143,754
Currency swaps	10,028,698	13,815,112	2,175,927	3,527,930	3,329,046	32,876,713
Interest rate swaps	-	-	-	-	-	-
Futures	-	209,828	380,096	-	-	589,924
Foreign currency options-sell	981,308	566,084	288,360	185,653	-	2,021,405
Total	**15,768,537**	**21,235,958**	**6,872,034**	**7,505,609**	**4,192,881**	**55,575,019**

28. FINANCIAL RISK MANAGEMENT (Continued)

Market Risk

Market risks arise from changes in interest rates, foreign exchange rates and prices of equities, all of which are exposed to general and specific market movements. The objective of the Group's market risk management is to manage and control market risk exposures in order to optimize return on risk while maintaining the conservative risk profile of the Group.

All trading positions are marked to market on a daily basis in compliance with regulatory requirements determined by Banking Regulation and Supervision Agency (BRSA), Capital Markets Board and other authorities. Only securities held to collect are valued at amortized cost using internal rate of return.

The Board of Directors evaluates the probable risks and accordingly determines limits. Those limits are revised periodically in line with the strategies of the Group. The Board of Directors ensures that the Group Risk Management has taken necessary precautions to identify, evaluate, control and manage risks faced.

The Group Risk Management calculates and follows the several market risk limits set by the Board of Directors. Some of those are VaR, PV01, Interest Rate Delta and Vega limits. Finally, stop loss and nominal position limits have been set at portfolio or product level.

Currency Risk

The Group evaluates the exposure for the effects of fluctuations in the prevailing foreign currency exchange rates on its financial position and cash flows. Foreign currency risk indicates the possibilities of the potential losses that the Group is subject to due to the exchange rate fluctuations in the market.

The Board of Directors sets limits for the positions, which are monitored and reported on a daily basis. Additionally, any possible changes in positions are closely followed up.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

28. FINANCIAL RISK MANAGEMENT (Continued)

Currency Risk (Continued)

The concentrations of assets, liabilities and off balance sheet items in various currencies are:

	Turkish Lira	Euro	US Dollars	Other	Total
As at 31 December 2021					
Assets:					
Cash and balances with central banks	5,792,486	12,091,300	15,706,535	3,408,724	36,999,045
Financial assets at fair value through profit or loss	8,007,949	223,564	870,631	23,343	9,125,487
Securities	2,001,371	57,224	734,916	-	2,793,511
Derivative financial instruments	6,006,578	166,340	135,715	23,343	6,331,976
Derivatives used for hedging purposes	1,796,596	5,873	-	-	1,802,469
Financial assets at fair value through other comprehensive income	3,002,606	1,360,271	2,773,823	39,261	7,175,961
Debt securities	2,989,351	1,360,271	2,773,823	39,261	7,162,706
Equity securities	13,255	-	-	-	13,255
Financial assets at amortised cost	88,938,773	25,958,364	18,404,960	4,979,791	138,281,888
Loans and advances due from banks	1,521,950	1,896,473	5,351,613	3,334,855	12,104,891
Loans and advances to customers	73,917,545	19,174,705	7,427,649	1,496,939	102,016,838
Factoring receivables	2,118,720	2,057,362	285,534	147,997	4,609,613
Debt securities	11,377,313	2,829,824	5,340,164	-	19,547,301
Other money market placements	3,245	-	-	-	3,245
Current tax asset	138,894	-	-	-	138,894
Deferred tax asset	147,376	-	-	-	147,376
Other assets	2,681,161	733,256	34,502	7,014	3,455,933
Property, plant and equipment	937,478	25	-	-	937,503
Intangible assets	188,535	-	-	-	188,535
Goodwill	420,645	-	-	-	420,645
Total assets	**112,052,499**	**40,372,653**	**37,790,451**	**8,458,133**	**198,673,736**
Liabilities:					
Deposits from central bank	-	-	-	-	-
Financial liabilities at fair value through profit or loss	3,995,360	91,938	51,889	19,990	4,159,177
Derivative financial instruments	3,995,360	91,938	51,889	19,990	4,159,177
Derivatives used for hedging purposes	326,410	4,201	-	-	330,611
Financial liabilities at amortised cost	62,819,315	46,265,205	49,176,014	11,566,544	169,827,078
Deposits from credit institutions	1,999,406	309	-	21	1,999,736
Deposits from customers	53,344,933	25,019,221	39,878,471	11,334,261	129,576,886
Other money market deposits	3,839,747	5,001,962	-	-	8,841,709
Funds borrowed	2,440,704	11,862,223	6,439,997	232,262	20,975,186
Debt securities issued	1,194,525	-	-	-	1,194,525
Subordinated debts	-	4,381,490	2,857,546	-	7,239,036
Current tax liability	13,357	-	-	-	13,357
Provision for contingencies and charges	713,564	147,003	114,605	1,159	976,331
Other liabilities	7,346,000	1,563,285	394,441	8,322	9,312,048
Total liabilities	**75,214,006**	**48,071,632**	**49,736,949**	**11,596,015**	**184,618,602**
Net balance sheet position	**36,838,493**	**(7,698,979)**	**(11,946,498)**	**(3,137,882)**	**14,055,134**
Off-balance sheet position					
Net notional amount of derivatives	(22,333,062)	7,665,450	13,045,910	3,036,432	1,414,730
Non-cash loans (*)	8,470,096	13,567,564	13,803,567	2,691,050	38,532,277
Net position	**14,505,431**	**(33,529)**	**1,099,412**	**(101,450)**	**15,469,864**
At 31 December 2020					
Total assets	101,904,743	22,288,961	13,810,368	4,539,518	142,543,590
Total liabilities	68,684,035	25,666,850	28,814,215	7,689,591	130,854,691
Net balance sheet position	**33,220,708**	**(3,377,889)**	**(15,003,847)**	**(3,150,073)**	**11,688,899**
Off-balance sheet position					
Net notional amount of derivatives	(20,992,317)	3,506,361	14,570,186	2,964,614	48,844
Non-cash loans (*)	7,480,650	8,000,423	7,226,322	1,537,851	24,245,246
Net position	**12,228,391**	**128,472**	**(433,661)**	**(185,459)**	**11,737,743**

(*) There is no effect on the net off-balance sheet position.

The table above shows the Group's distribution of balance sheet and derivative foreign exchange transactions taking into account the options transactions with nominal values as indicated in the BRSA regulation on foreign currency position. Besides taking into account this position by monitoring legal limits, the Bank Risk Group also monitors the delta-adjusted position of the option transactions. As of 31 December 2021, the Bank has net TL681,543 USD long position and net TL70,989 EUR long position.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

28. FINANCIAL RISK MANAGEMENT (Continued)

Currency Risk (Continued)

Foreign currency sensitivity

The Group is mainly exposed to EUR and USD currencies.

The following table indicates in detail the Group’s sensitivity to a 10% increase and decrease in the TL against USD and EUR 10% is the sensitivity rate used when reporting foreign currency risk internally to key management personnel and represents management’s assessment of the possible change in foreign exchange rates.

	Change in currency rate in %	Increase /(Decrease) Effect on profit or loss		Increase /(Decrease) Effect on equity excluding PL	
		31 December 2021	31 December 2020	31 December 2021	31 December 2020
USD	10 increase	46,648	(21,533)	(11,283)	2,403
USD	10 decrease	(46,648)	21,533	11,283	(2,403)
EUR	10 increase	7,278	2,810	(6,317)	2,496
EUR	10 decrease	(7,278)	(2,810)	6,317	(2,496)

The Group’s sensitivity to foreign currency rates has not changed significantly during the current period. The positions taken in line with market expectations can increase the foreign currency sensitivity from period to period.

Cash Flow and Fair Value Interest Rate Risk

Cash flow interest rate risk is the risk that the future cash flows of a financial instrument will fluctuate because of a change in market interest rates. Fair value interest rate risk refers to risk that the value of a financial instrument will fluctuate as a result of change in market interest rates. The Group evaluates the exposure for the effects of fluctuations in the prevailing levels of market interest rates on both its fair value and cash flows. Interest rate risk shows the potential loss related to the changes in interest rates depending on the position.

Each operating entity is responsible for monitoring and controlling the interest rate risk in line with the Group interest rate risk standards and the limits set by the relevant Board of Directors. The ALCO is responsible of managing interest rate risk in the Bank.

The first principle of the Group regarding interest rate risk is to protect itself from interest rate volatility. Sensitivity analysis are calculated by the Group Risk Management and reported to the Board of Directors Risk Committee, Risk Policies Committee and ALCO.

Maturities of outstanding assets are based on the contractual characteristics of the transactions.

i) The Bank only economic value differences resulted from interest rate instabilities calculated according to BRSA’s “Regulation on measurement and evaluation of interest rate risk resulted from the banking accounts as per standard shock method”

Type of Currency	Change in interest rate (+/- x basis point)	Gains/ (Losses)	Gains/Equity–(Losses)/Equity
TL	(400)	853,204	4.02%
TL	500	(969,928)	(4.57)%
EURO	(200)	(98,543)	(0.46)%
EURO	200	102,182	0.48%
USD	(200)	(103,865)	(0.49)%
USD	200	104,482	0.49%
Total (of negative shocks)	**(800)**	**650,796**	**3.07%**
Total (of positive shocks)	**900**	**(763,264)**	**(3.60)%**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

28. FINANCIAL RISK MANAGEMENT (Continued)

The table below summarizes the Group's exposure to interest rate risk on the basis of the remaining period at the balance sheet date to the repricing date.

	Up to 1 month	1 to 3 months	3 months to 1 year	Over 1 year	Non-interest bearing	Total
As at 31 December 2021						
Assets :						
Cash and balances with central banks	24,193,719	-	-	-	12,805,326	36,999,045
Financial assets at fair value through profit or loss	258,721	763,669	750,282	2,614,799	4,738,016	9,125,487
Securities	252,669	718,169	619,019	901,295	302,359	2,793,511
Derivative financial instruments	6,052	45,500	131,263	1,713,504	4,435,657	6,331,976
Derivatives used for hedging purposes	-	-	1,531,866	270,603	-	1,802,469
Financial assets at fair value through other comprehensive income	502,497	476,140	1,672,179	4,511,890	13,255	7,175,961
Debt securities	502,497	476,140	1,672,179	4,511,890	-	7,162,706
Equity securities	-	-	-	-	13,255	13,255
Financial assets at amortised cost	38,508,297	14,344,380	46,410,932	34,625,723	4,392,556	138,281,888
Loans and advances due from banks	7,034,549	-	-	-	5,070,342	12,104,891
Loans and advances to customers	28,827,689	11,835,077	35,018,104	27,050,581	(714,613)	102,016,838
Factoring receivables	1,983,855	1,933,111	693,650	3,546	(4,549)	4,609,613
Debt securities	658,959	576,192	10,699,178	7,571,596	41,376	19,547,301
Other money market placements	3,245	-	-	-	-	3,245
Current tax asset	-	-	-	-	138,894	138,894
Deferred tax asset	-	-	-	-	147,376	147,376
Other assets	-	-	-	-	3,455,933	3,455,933
Property, plant and equipment	-	-	-	-	937,503	937,503
Intangible assets	-	-	-	-	188,535	188,535
Goodwill	-	-	-	-	420,645	420,645
Total Assets	**63,463,234**	**15,584,189**	**50,365,259**	**42,023,015**	**27,238,039**	**198,673,736**
Liabilities:						
Deposits from Central Bank	-	-	-	-	-	-
Financial liabilities at fair value through profit or loss	147,226	379,634	10,631	1,366,179	2,255,507	4,159,177
Derivative financial instruments	147,226	379,634	10,631	1,366,179	2,255,507	4,159,177
Derivatives used for hedging purposes	-	159,140	167,269	4,202	-	330,611
Financial liabilities at amortised cost	74,835,536	26,346,072	7,440,847	2,858,924	58,345,699	169,827,078
Deposits from credit institutions	1,962,166	-	-	-	37,570	1,999,736
Deposits from customers	60,620,857	10,374,268	272,254	1,378	58,308,129	129,576,886
Other money market deposits	4,679,049	2,575,838	1,586,822	-	-	8,841,709
Funds borrowed	4,961,382	13,250,673	2,763,131	-	-	20,975,186
Debt securities issued	1,049,232	145,293	-	-	-	1,194,525
Subordinated debts	1,562,850	-	2,818,640	2,857,546	-	7,239,036
Current tax liability	-	-	-	-	13,357	13,357
Provision for contingencies and charges	-	-	-	-	976,331	976,331
Other liabilities	-	-	-	-	9,312,048	9,312,048
Total liabilities	**74,982,762**	**26,884,846**	**7,618,747**	**4,229,305**	**70,902,942**	**184,618,602**
Balance sheet interest sensitivity gap	**(11,519,528)**	**(11,300,657)**	**42,746,512**	**37,793,710**	**(43,664,903)**	**14,055,134**
As at 31 December 2020						
Total assets	37,227,985	9,218,943	38,210,170	44,321,853	13,564,639	142,543,590
Total liabilities	65,960,082	7,182,600	11,963,384	5,839,956	39,908,669	130,854,691
Net interest sensitivity gap	**(28,732,097)**	**2,036,343**	**26,246,786**	**38,481,897**	**(26,344,030)**	**11,688,899**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

28. FINANCIAL RISK MANAGEMENT (Continued)

Average interest rates applied to monetary financial instruments:

	EURO %	USD %	YEN %	TL %
As at 31 December 2021				
Assets				
Cash and balances with central banks	-	-	-	8.50
Loans and advances due from banks	(0.70)	0.05	-	14.13
Debt securities at FVTPL	3.36	5.24	-	20.14
Other money market placements	-	-	-	16.85
Debt securities at FVOCI	2.70	3.84	-	17.48
Loans and advances to customers	1.86	3.37	5.45	20.09
Factoring receivables	0.89	3.37	-	21.82
Debt securities at AC	3.16	5.46	-	27.53
Liabilities				
Deposits from credit institutions	-	-	-	10.37
Deposits from customers	0.11	0.32	-	17.41
Other money market deposits	1.04	-	-	14.08
Issued debt securities	1.98	-	-	16.59
Funds borrowed	1.73	4.84	-	18.18

	EURO %	USD %	YEN %	TL %
As at 31 December 2020				
Assets				
Cash and balances with central banks	-	-	-	12.00
Loans and advances due from banks	(0.25)	0.21	(0.26)	17.79
Debt securities at FVTPL	2.60	2.65	-	10.12
Other money market placements	-	-	-	17.98
Debt securities at FVOCI	2.91	3.86	-	12.91
Loans and advances to customers	2.65	3.79	5.37	14.43
Factoring receivables	1.03	2.38	-	18.18
Debt securities at AC	2.04	3.51	-	8.26
Liabilities				
Deposits from credit institutions	-	-	-	10.65
Deposits from customers	0.04	1.25	-	15.12
Other money market deposits	0.88	-	-	17.06
Issued debt securities	-	-	-	9.54
Funds borrowed	1.93	4.88	-	11.62

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

28. FINANCIAL RISK MANAGEMENT (Continued)

Capital Adequacy

The Group's capital base includes all types of regulatory eligible own funds, as these are defined by the BRSA, which differs from the total equity under IFRS. Among others, the Group's regulatory own funds include the share capital, the share premium account, the reserves, retained earnings, and subordinated debt issues.

The Group's total capital ratio is calculated by dividing its total capital, which comprises own funds eligible capital debt instruments general provisions per its statutory financial statements by the aggregate of its risk-weighted assets. In accordance with the BRSA guidelines the Group must, in general, maintain a total target capital ratio in excess of 12%.

The method used for risk measurement in determining capital adequacy standard ratio; Capital Adequacy Standard Ratio is calculated in accordance with Banking Regulation and Supervision Agency ("BRSA")'s "Communiqué on Measurement and Assessment of Capital Adequacy of Banks", "Communiqué on Credit Risk Mitigation Techniques", "Communiqué on Calculation of Risk Weighted Amounts for Securitizations" and "Communiqué on Equities of Banks". The Group's consolidated capital adequacy ratio is 17.77% (31 December 2020: 18.25%) in accordance with the related Communiqué as of 31 December 2021.

The Bank has complied with the capital requirements throughout the year and the previous year.

	Consolidated		**Parent Bank**	
	31 December 2021	**31 December 2020**	**31 December 2021**	**31 December 2020**
Risk Weighted Assets (including operational & market risk)	123,079,834	91,603,777	118,566,659	88,762,236
Common Equity Tier 1 Capital	13,389,190	11,593,658	12,979,418	11,337,041
Tier 1 Capital	13,389,351	11,593,772	12,979,418	11,337,041
Tier 2 Capital	8,504,670	5,128,135	8,453,737	5,096,601
Deductions from Capital	27,533	4,586	27,533	4,586
Total Capital	21,866,488	16,717,321	21,405,622	16,429,056
Total Capital /((CRCR+CRMR+CROR)*12.5)*100	17.77	18.25	18.05	18.51
Tier 1 Capital/((CRCR+CRMR+CROR)*12.5)*100	10.88	12.66	10.95	12.77
Common Equity Tier 1 Capital/((CRCR+CRMR+CROR)*12.5)*100	10.88	12.66	10.95	12.77

Operational Risk

Operational risk is defined as the risk of direct or indirect losses resulting from inadequate and/or failed internal process and systems, arising from negligence or fraud of the staff members or stemming from external events.

Operational risk, which is inherent in all business activities, is associated with human error, system failure and inadequate controls and procedures. Operational risk includes errors and omissions in business activities, internal and external fraud and natural disasters.

The Group's first objective is to achieve all qualitative standards of Basel Committee, by implying policy and procedures, ensuring the strict observance of internal code of conduct and also developing strong internal control culture.

Compliance with legal rules, information security, fraud prevention, contingency planning, business continuity and disaster recovery, and also incident management are the main subjects of the operational risk mitigation controls.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

28. FINANCIAL RISK MANAGEMENT (Continued)

Offsetting financial assets and financial liabilities

"Amounts set off on the balance sheet" have been determined according to IAS 32. Thus, a financial asset and a financial liability are offset and the net amount presented on the balance sheet when, and only when, the Group has a legally enforceable right to set off the recognised amounts and intends either to settle on a net basis, or to realise the asset and settle the liability simultaneously.

The "Financial instruments" are relative to outstanding amounts of transactions within an enforceable agreement, which do not meet the offsetting criteria defined by IAS 32. This is the case of transactions for which offsetting can only be performed in case of default, insolvency or bankruptcy of one of the contracting parties.

"Cash collateral" includes guarantee deposits and securities collateral recognised at fair value. These guarantees can only be exercised in case of default, insolvency or bankruptcy of one of the contracting parties.

The following table presents the amounts of financial assets and liabilities before and after offsetting.

31 December 2021				Related amounts not offset in the statement of financial position		Net amount
	Gross amounts of financial assets/liabilities	Gross amounts set off on the balance sheet	Net amounts presented in the balance sheet	Financial instruments	Cash collateral	
Derivative assets	8,134,445	-	8,134,445	2,854,372	992,895	4,287,178
Reverse repurchase agreements	-	-	-	-	-	-
Derivative liabilities	4,489,788	-	4,489,788	2,854,372	829,074	806,342
Repurchase agreements	8,841,709	-	8,841,709	8,841,709	-	-

31 December 2020				Related amounts not offset in the statement of financial position		Net amount
	Gross amounts of financial assets/liabilities	Gross amounts set off on the balance sheet	Net amounts presented in the balance sheet	Financial instruments	Cash collateral	
Derivative assets	2,835,952	-	2,835,952	1,628,785	14,576	1,192,591
Reverse repurchase agreements	3,679,371	-	3,679,371	3,679,371	-	-
Derivative liabilities	3,329,003	-	3,329,003	1,628,785	411,149	1,289,069
Repurchase agreements	6,548,253	-	6,548,253	6,548,253	-	-

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

29. FAIR VALUE OF FINANCIAL INSTRUMENTS

Fair Values

Set out below is a comparison by category of carrying amounts and fair values of the Group's major financial instruments that are carried in the financial statements at other than fair values.

	Carrying amount		Fair value	
	31 December 2021	31 December 2020	31 December 2021	31 December 2020
Financial assets at amortised cost				
Loans and advances due from banks	12,104,891	8,386,527	12,104,891	8,386,527
Other money market placements	3,245	3,679,371	3,245	3,679,371
Loans and advances to customers	102,016,838	77,662,059	100,924,628	77,335,932
Debt Securities	19,547,301	12,502,532	20,080,824	12,526,702
Factoring receivables	4,609,613	2,489,729	4,609,613	2,489,729
Financial liabilities at amortised cost				
Deposits from other banks , funds borrowed and subordinated debts	30,213,958	23,868,349	30,392,719	23,868,349
Deposits from customers	129,576,886	86,273,086	129,817,893	86,423,279
Other money market deposits	8,841,709	6,548,253	8,841,709	6,548,253
Issued debt securities	1,194,525	4,810,637	1,194,525	4,810,637

Loans and Advances to Customers

Loans and advances to customers are net of provisions for impairment. The estimated fair value of loans and advances to customers represents the discounted amount of estimated future cash flows expected to be received. Since the expected cash flows are discounted at current market rates to determine fair value, the fair value hierarchy is evaluated as Level 2.

Debt Securities Measured at Amortised Cost

Since the fair value for debt securities at amortised cost is based on market prices or broker/dealer price quotations, the fair value hierarchy is evaluated as Level 1.

Deposits and Borrowings

The estimated fair value of deposits from credit institutions and deposits from customers with no stated maturity, which includes non-interest bearing deposits, is the amount repayable on demand.

The estimated fair value of fixed interest bearing deposits and funds borrowed without quoted market price is based on discounted cash flows using interest rates for new deposits and debts with similar remaining maturity. The fair value hierarchy is evaluated as Level 2.

Fair values of remaining financial assets and liabilities carried at amortised cost, including balances with central banks, loans and advances due from banks, other money market placements, factoring receivables and payables are considered to approximate their respective carrying values due to their short-term nature.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

29. FAIR VALUE OF FINANCIAL INSTRUMENTS (Continued)

Fair Value of Financial Instruments

The fair values of financial assets and financial liabilities are determined as follows:

- Level 1: the fair value of financial assets and financial liabilities with standard terms and conditions and traded on active liquid markets are determined with reference to quoted market prices;

- Level 2: the fair value of other financial assets and financial liabilities are determined in accordance with generally accepted pricing models based on discounted cash flow analysis using prices from observable current market transactions. Assumptions and inputs used in valuation techniques include risk-free and benchmark interest rates, credit spreads and other variables used in estimating discount rates, bond and equity prices, foreign currency exchange rates, equity and equity index prices and expected price volatilities and correlations. The objective of valuation techniques is to arrive at a fair value determination that reflects the price of the financial instrument at the reporting date, which would have been determined by market participants acting at arm’s length; and

- Level 3: the fair value of the financial assets and financial liabilities where there is no observable market data. The fair value of derivative instruments, are calculated using quoted prices. Where such prices are not available, estimate is made based on discounted cash flow analysis using the applicable yield curve for the duration of the instruments for non-optional derivatives, and option pricing models for optional derivatives. An unobservable input is a parameter for which there are no market data available and that is therefore derived from proprietary assumptions about what other market participants would consider when assessing fair value.

Valuation techniques used to determine fair values

Specific valuation techniques used to value financial instruments include:

- the use of quoted market prices or dealer quotes for similar instruments
- the fair value of interest rate swaps is calculated as the present value of the estimated future cash flows based on observable yield curves
- the fair value of forward foreign exchange contracts is determined using forward exchange rates at the balance sheet date
- the fair value of the remaining financial instruments is determined using discounted cash flow analysis.

31 December 2021	**Level 1**	**Level 2**	**Level 3**	**Total**
Financial assets at fair value through profit or loss	2,598,797	6,466,914	59,776	9,125,487
Securities	2,598,797	134,938	59,776	2,793,511
Derivative financial instruments	-	6,331,976	-	6,331,976
Derivatives used for hedging purposes	-	1,802,469	-	1,802,469
Financial assets at fair value through other comprehensive income	7,123,445	39,261	13,255	7,175,961
Debt securities	7,123,445	39,261	-	7,162,706
Equity securities	-	-	13,255	13,255
Total	**9,722,242**	**8,308,644**	**73,031**	**18,103,917**
Financial liabilities at fair value through profit or loss				
Derivative financial instruments	-	4,159,177	-	4,159,177
Derivatives used for hedging purposes	-	330,611	-	330,611
Total	**-**	**4,489,788**	**-**	**4,489,788**

31 December 2020	**Level 1**	**Level 2**	**Level 3**	**Total**
Financial assets at fair value through profit or loss	1,447,677	1,887,914	47,771	3,383,362
Securities	1,447,677	135,305	47,771	1,630,753
Derivative financial instruments	-	1,752,609	-	1,752,609
Derivatives used for hedging purposes	-	1,083,343	-	1,083,343
Financial assets at fair value through other comprehensive income	8,618,350	23,166	10,886	8,652,402
Debt securities	8,618,350	23,166	-	8,641,516
Equity securities	-	-	10,886	10,886
Total	**10,066,027**	**2,994,423**	**58,657**	**13,119,107**
Financial liabilities at fair value through profit or loss				
Derivative financial instruments	-	2,260,343	-	2,260,343
Derivatives used for hedging purposes	-	1,068,660	-	1,068,660
Total	**-**	**3,329,003**	**-**	**3,329,003**

There were no reclassifications between the levels in the current and the previous period.

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

29. FAIR VALUE OF FINANCIAL INSTRUMENTS (Continued)

Fair Value of Financial Instruments

Reconciliation of the Group's assets and liabilities that are measured at fair value based on valuation techniques are presented as follow:

	Financial assets at FVTPL		FVOCI
	Trading securities	**Trading derivatives**	**Equity investments**
Opening balance, 1 January 2021	**47,771**	-	**10,886**
Total gains or losses	12,005	-	2,369
-recognised in statement of income/(loss)	12,005	-	-
-recognised in other comprehensive income	-	-	2,369
Purchases (+)	-	-	-
Issuance (-)	-	-	-
Settlements (-)	-	-	-
Transfers into Level 3 (-)	-	-	-
Transfers out of Level 3 (-)	-	-	-
Ending balance, 31 December 2021	**59,776**	-	**13,255**

	Financial assets at FVTPL		FVOCI
	Trading securities	**Trading derivatives**	**Equity investments**
Opening balance, 1 January 2020	40,939	-	7,900
Total gains or losses	6,832	-	2,986
-recognised in statement of income/(loss)	6,832	-	-
-recognised in other comprehensive income	-	-	2,986
Purchases (+)	-	-	-
Issuance (-)	-	-	-
Settlements (-)	-	-	-
Transfers into Level 3 (-)	-	-	-
Transfers out of Level 3 (-)	-	-	-
Ending balance, 31 December 2020	**47,771**	-	**10,886**

(Amounts expressed in thousands of Turkish Lira (TL) unless otherwise stated.)

30. SUBSIDIARIES

Information on the consolidated subsidiaries:

		Address (City/Country)	Group's share percentage-If different voting percentage (%)	Other shareholders' share percentage (%)
1	TEB Faktoring A.Ş.	İstanbul/Turkey	100.00	-
2	TEB Yatırım Menkul Değerler A.Ş.	İstanbul/Turkey	100.00	-
3	TEB Portföy Yönetimi A.Ş.	İstanbul/Turkey	54.74	45.26
4	TEB ARF Teknoloji A.Ş	İstanbul/Turkey	100.00	-

Information on the consolidated subsidiaries with the order as presented in the table above:

	Total Assets	Shareholders' Equity	Total Fixed Assets	Interest Income	Income on Marketable Securities Portfolio	Current Period Profit/Loss	Prior Period Profit/Loss	Fair Value
1	4,761,832	243,786	6,371	436,979	-	54,321	29,417	-
2	734,109	283,829	6,895	90,635	-	105,249	78,931	-
3	56,836	40,250	5,686	6,577	90	18,042	13,590	-
4	12,051	2,469	3,047	228	-	2,318	101	-

31. SUBSEQUENT EVENTS

None.