### İstanbul Takas ve Saklama Bankası Anonim Şirketi

Unconsolidated Year End Financial Statements
As of 31 December 2018
With Auditor's Independent Report Thereon

(Convenience Translation of Unconsolidated Year End Financial Statements and Related Disclosures and Footnotes Originally Issued in Turkish)

28 February 2019

This report includes "Independent Auditors' Report" comprising 4 pages and; "Unconsolidated Financial Statements and Related Disclosures and Footnotes" comprising 122 pages.

Convenience Translation of the Independent Auditor's Report Originally Prepared and Issued in Turkish to English (See Note I in Section Three)

#### INDEPENDENT AUDITOR'S REPORT

To the Board of Directors of İstanbul Takas ve Saklama Bankası A.Ş.;

#### A) Audit of Unconsolidated Financial Statements

#### Opinion

We have audited the unconsolidated financial statements of Istanbul Takas ve Saklama Bankası A.Ş. ("the Bank") which comprise the unconsolidated balance sheet as at 31 December 2018; and the unconsolidated statement of profit or loss, unconsolidated statement of profit or loss and other comprehensive income, unconsolidated statement of changes in shareholders' equity and unconsolidated statement of cash flows for the year then ended, and notes, comprising significant accounting policies and other explanatory information.

In our opinion, the accompanying unconsolidated financial statements present fairly, in all material respects, the unconsolidated financial position of the Bank as at 31 December 2018, and its unconsolidated financial performance and its unconsolidated cash flows for the year then ended in accordance with the "Banking Regulation and Supervision Agency ("BRSA") Accounting and Reporting Legislation" which includes the "Regulation on Accounting Applications for Banks and Safeguarding of Documents" published in the Official Gazette No. 26333 dated 1 November 2006, and other regulations on accounting records of banks published by Banking Regulation and Supervision Board and circulars and interpretations published by BRSA and requirements of Turkish Financial Reporting Standards ("TFRS") for the matters not regulated by the aforementioned legislations.

#### Basis for Opinion

We conducted our audit in accordance with the "Regulation on Independent Audit of the Banks" ("BRSA Auditing Regulation") published in the Official Gazette No.29314 dated 2 April 2015 by BRSA and Standards on Auditing which is a component of the Turkish Auditing Standards issued by the Public Oversight Accounting and Auditing Standards Authority ("POA") ("Standards on Auditing issued by POA"). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Unconsolidated Financial Statements section of our report. We declare that we are independent of the Bank in accordance with the Code of Ethics for Auditors issued by POA (POA's Code of Ethics) and the ethical requirements in the regulations issued by POA that are relevant to audit of unconsolidated financial statements, and we have fulfilled our other ethical responsibilities in accordance with the POA's Code of Ethics and other regulations. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

#### Key Audit Matters

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

#### Recognition of Fees and Commissions Received

#### Key audit matter

The Bank has a total amount of TL 239,317 revenue recognized as "fees and commissions received" in the statement of profit or loss and other comprehensive income for the period 1 January - 31 December 2018.

The Bank's revenue mainly consists of banking service revenues.

Recognition of fees and commissions received was considered to be a key audit matter, due to the nature of the Bank's operations, the variety of operations and the high volume of transactions in the process of determining the amount of fees and commissions and performing check clearing activities at the Bank.

#### How the matter is addressed in our audit

Our procedures performed for testing this area included below:

Appropriateness of the accounting policies applied by the Bank management in accordance with the TFRS has been evaluated.

Design, implementation and operating effectiveness of the internal controls on the recognition of fees and commissions received evaluated have been together information systems specialists by understanding the Bank's fee and commission process.

Furthermore, the commission fee tariff was analyzed and expectations analysis for the banking commission income was performed.

In order to verify that the revenue is appropriately recognized, supporting documents were received on the basis of transaction based selected samples and details of these transactions were tested.

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

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

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

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

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

Responsibilities of auditors in an audit are as follows:

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

As part of an audit in accordance with BRSA Auditing Regulation and Standards on Auditing issued by POA, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the unconsolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Bank's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Bank's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the unconsolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Bank to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the unconsolidated financial statements, including the disclosures, and whether the unconsolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.



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

#### B) Other Legal and Regulatory Requirements

- 1) Pursuant to the fourth paragraph of Article 402 of the Turkish Commercial Code ("TCC") No. 6102; no significant matter has come to our attention that causes us to believe that the Bank's bookkeeping activities for the period 1 January 31 December 2018 are not in compliance with TCC and provisions of the Bank's articles of association in relation to financial reporting.
- 2) Pursuant to the fourth paragraph of Article 402 of the TCC; the Board of Directors provided us the necessary explanations and required documents in connection with the audit.

KPMG Bağımsız Denetim ve Serbest Muhasebeci Mali Müşavirlik Anonim Şirketi A member firm of KPMG International Cooperative

Alper Güvenç, SMMM

Partner

28 February 2019 İstanbul, Turkey

#### Additional paragraph for convenience translation to English:

The accounting principles summarized in Section Three, differ from the accounting principles generally accepted in countries in which the accompanying unconsolidated financial statements are to be distributed and International Financial Reporting Standards ("IFRS"). Accordingly, the accompanying financial statements are not intended to present the financial position and results of operations in accordance with accounting principles generally accepted in such countries of users of IFRS.

# CONVENIENCE TRANSLATION OF PUBLICLY ANNOUNCED UNCONSOLIDATED FINANCIAL STATEMENTS ORIGINALLY ISSUED IN TURKISH, SEE NOTE I OF SECTION NINE

## THE UNCONSOLIDATED YEAR END FINANCIAL REPORT OF ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. AS OF 31 DECEMBER 2018

Address of the Bank's Headquarters : Takasbank Genel Müdürlüğü

Reşitpaşa Mahallesi, Borsa İstanbul Caddesi, No: 4

Sarıyer 34467 İstanbul

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The unconsolidated year end financial report includes the following sections in accordance with the Communiqué on Financial Statements and Related Explanations and Notes that will be Publicly Announced as sanctioned by the Banking Regulation and Supervision Agency.

- GENERAL INFORMATION ABOUT THE BANK
- UNCONSOLIDATED FINANCIAL STATEMENTS OF THE BANK
- EXPLANATIONS ON THE ACCOUNTING POLICIES APPLIED IN THE RELATED PERIOD
- INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT OF THE BANK
- DISCLOSURES AND FOOTNOTES ON UNCONSOLIDATED FINANCIAL STATEMENTS
- OTHER EXPLANATIONS AND NOTES
- INDEPENDENT AUDITOR'S REPORT

The accompanying year end unconsolidated financial statements and notes to these financial statements which are expressed, unless otherwise stated, in thousands of Turkish Lira ("TL"), have been prepared and presented based on the accounting books of the Bank in accordance with the Regulation on Accounting Applications for Banks and Safeguarding of Documents, Turkish Accounting Standards, Turkish Financial Reporting Standards, and related appendices and interpretations of these, and have been audited.

Murat Çetinkaya Chairman of the Board	Seyit Ahmet Işkın Chairman of Audit Committee	<b>Kenan Ayvacı</b> Member of Audit Committee
Mahmut Kayacık CEO/Member of the Board	Gökhan Elibol Executive Vice President	Murat Görgün Director

Contact information of the personnel in charge of the addressing of questions about this financial report:

Name-Surname/Title : Zülal Tarı / Chief Specialist

Telephone Number : (0 212) 315 23 15 Fax Number : (0 212) 315 22 34

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İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### SECTION ONE

I.

#### **GENERAL INFORMATION**

#### Bank's establishment date, start-up statute, history about the changes in this mentioned statute

The Bank was originally set up as a department of the Borsa İstanbul A.Ş. ("BİAŞ") (formerly "İstanbul Menkul Kıymetler Borsası") and reorganized under a separate company named İMKB Takas ve Saklama A.Ş. (ISE Settlement and Custody Company Inc.) on 12 July 1991, was transformed into a non-deposit taking bank on 8 August 1995 with the name İMKB Takas ve Saklama Bankası A.Ş. (ISE Settlement and Custody Bank Inc.), as published in the Official Gazette dated 23 March 1995 with the decision of the Council of Ministers No. 95/6551. According to the decision made in 18th Ordinary Meeting of the Bank General Assembly dated 29 March 2013, title of the Bank has been changed into İstanbul Takas ve Saklama Bankası A.Ş. (Here in after referred to as "Takasbank" or the "Bank") and this title change was approved in 11 April 2013. The name of the Bank has been renovated as "Takasbank" or "Takas Istanbul" with the resolution of the ordinary general meeting dated 9 June 2017 and numbered 22.

### II. Explanation about the Bank's capital structure, shareholders who directly or indirectly, solely or jointly undertake the management and control of the Bank, any changes in the period, and information on the Bank's risk group:

As of 31 December 2018 and 31 December 2017, the shareholders' structure and their respective ownerships are summarized as follows:

		Cui	Current Period			Prior Period	
No	Name of Shareholders	Paid in Capital	(%)	Number	Paid in Capital	(%)	Number
1	Borsa İstanbul A.Ş.	384,869	64.14	1	382,989	63.83	1
2	Türkiye Garanti Bankası A.Ş.	29,685	4.95	1	29,685	4.95	1
3	Tacirler Menkul Değerler A.Ş.	29,016	4.84	1	29,016	4.84	1
4	Phillip Capital Menkul Değerler A.Ş.	27,923	4.65	1	27,923	4.65	1
5	Yapı Kredi Yatırım Menkul Değerler A.Ş.	26,280	4.38	1	26,280	4.38	1
6	Türkiye İş Bankası A.Ş.	26,235	4.37	1	26,235	4.37	1
7	Türkiye Vakıflar Bankası T.A.O.	26,235	4.37	1	26,235	4.37	1
8	Other (Other Institution)	29,656	4.95	26	31,536	5.26	27
9	Other (Bank)	20,101	3.35	8	20,101	3.35	8
	Total	600,000	100.00	41	600,000	100.00	42

64.14% of the Bank's share belongs to BİAŞ. BİAŞ was established on the date of the entry into force of the Law to carry out stock market activities in accordance with Article 138 of the Capital Markets Law No. 6362, which was published in the Official Gazette on 30 December 2012 and entered into force. BİAŞ shall ensure that capital market instruments, foreign exchange and precious metals and precious stones and other contracts, documents and valuables deemed appropriate by the Capital Markets Board can be bought and sold in a transparent, effective, competitive, honest and stable environment easily and safely under the conditions of free competition markets, platforms and systems and other organized market places to facilitate the gathering of these orders and to determine and announce the prices that are formed and to establish and establish and maintain these and other stock exchanges or other market places is an institution with private legal entity established on the basis of the Capital Markets Law No. 6362 to manage and/or operate the markets of the stock exchanges.

The changes in the shareholding structure during the current period are shown below:

Old Shareholder	New Shareholder	Cost of Share (TL)	Ratio (%)	Description
Delta Menkul Değerler A.Ş	Borsa İstanbul A.Ş.	1,871	0.3118	Transfer
Saxo Capital Markets Menkul Değerler A.Ş	Borsa İstanbul A.Ş.	9	0.0015	Transfer

#### Dividend payment:

The Bank did not make any dividend payments to shareholders and personnel at the Ordinary General Assembly Meeting held on 12 September 2018.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

**SECTION ONE (Continued)** 

#### **GENERAL INFORMATION (Continued)**

III. Explanation on the Board of Directors, members of the audit committee, president and executive vice presidents, changes in these matters and shares of the Bank they possess:

#### Chairman and Members of the Board of Directors

Name Surname	Area of Responsibility	Education Status
		Middle East University //Faculty of Engineering/ Metallurgical
		Engineering / Undergraduate
Murat Çetinkaya	President	Marmara University / Banking / Graduate
		Ankara University / Faculty of Law / Law / Undergraduate
	Member of Board (Vice	Istanbul University / Institute of Social Science / International
Metin Kıratlı	President)	Economics / Graduate
		Boğaziçi University / Faculty of Economics and Administrative
		Sciences / Political Science and International Relations /
	General Manager and Member of	Undergraduate
	Board-President of Credit	Marmara University / Institute of Social Sciences / International
Mahmut Kayacık	Committee	Economics / Graduate
		Istanbul University / Faculty of Political Science / Public Finance /
	Member (Member of Audit	Undergraduate
Seyit Ahmet Işkın	Committee)	Marmara University / Institute of Banking and Insurance / Graduate
	Member (Member of Audit	Middle East Technical University / Faculty of Economics and
	Committee - Member of Central	Administrative Science / Administration / Undergraduate
	Counterparty Risk Consultation	Galatasaray University / Institute of Social Sciences / Financial
Kenan Ayvacı	Committee)	Economics / Graduate
	Member (Credit Committee	Boğaziçi University / Faculty of Economics and Administrative
Gülsevin Çipli	Member)	Sciences / Economics / Undergraduate
	Member (President of Corporate	
	Governance Committee Credit	Istanbul University / Faculty of Economics / Economics (English) /
Ekrem Kerem Korur	Committee Associate Member)	Undergraduate
		Ankara University / Department of Economics Management /
		Undergraduate
		Ankara University / Institute of Social Sciences /Educational
		Administration and Planning / Graduate
	Member (President of Credit	Istanbul University / Institute of Social Sciences / Money and
Münevver Çetin	Committee)	Monetary Policy / Postgraduate
		Anadolu University / Faculty of Economics / Economics /
		Undergraduate
	Member (President of Corporate	Marmara University / Institute of Social Sciences/ Statistics /
	Governance Committee	Graduate
İ	Credit Committee Associate	Istanbul University / Institute of Social Sciences / Money and
Gülseren Topuz	Member)	Monetary Policy / Postgraduate

#### **General Manager and Assistant General Managers**

Name Surname	Area of Responsibility	Education Status
	General Manager and Board	Boğaziçi University / Faculty of Economics and Administrative
Member – Member of Credit Sciences / Political Science and International Relat		
Mahmut Kayacık	Committee	Undergraduate
	Markets and Operations	Marmara University / Institute of Social Sciences / International
Gökhan Elibol	Department	Economics / Graduate
		Ankara University / Faculty of Political Science / Public
Ekrem Arıkan	IT Department	Administration / Undergraduate

<sup>1)</sup> The General Meeting in 12 September 2018, Adnan Ertürk, Ersin Özoğuz, Güzide Meltem Kökden and Mustafa İleri, resigned from the membership of the board and Metin Kıratlı, Gülsevin Çipli, Kenan Ayvacı and Ekrem Kerem Korur was appointed as Members of the Board of Directors.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

**SECTION ONE (Continued)** 

IV.

#### **GENERAL INFORMATION (Continued)**

#### Information on the Bank's qualified shareholders:

Shareholding in the Bank's shares, except BİAŞ, does not exceed 5% as stated in the Articles of Association of the Bank. 64.14% of the Bank belongs to BİAŞ. The Bank has nominal TL 200 preferred shares as of 31 December 2018 (31 December 2017: TL 200) (full TL). The preferred shares belonging to BİAŞ grants to shareholders the right to nominate four candidates to be elected to the Board of Directors by the General Assembly.

Name Surname/Business Name	Share Amount	Share Proportions	Paid-in Shares	Unpaid Shares
BİAŞ	384,869	64.14%	384,869	_

#### V. Information on the Bank's function and areas of activity:

The main purpose of the Bank is to increase our country's market competitiveness by providing settlement and custody services, providing financial services, and performing all types of economic activities within the scope of the relevant legislation.

The areas of activity that are specified in the Bank's Articles of Association, in general, are as follows:

- Providing all financial services, and primarily central bartering services and central counterparty services, activity of settlement and custody, market management, establishing and making payments, transfer and reconciliation systems, and banking activities;
- Financial services related to international markets including all kinds of payments, transfers, settlements, custody, and reconciliation services;
- Performing judiciary activities and signing all agreements related to its subject, signing written contracts, notes, and miscellaneous notes, acquiring all kinds of rights and receivables and binding debts;
- Purchasing, manufacturing, constructing, acquiring in other ways, renting, partially or completely, selling when necessary, transferring and leasing, and establishing all kinds of real rights on moveable and immoveable goods or removing all kinds of moveable and immoveable goods as well as all kinds of rights associated with them;
- All kinds of loaning and borrowing required by its activities, in line with corporate management principles as determined
  by banking and capital market legislation, as well as providing and obtaining personal in cash or in kind guarantees such
  as sureties, pledges, mortgages, and enterprise pledges in its favour or in favour of others, and transferring or cancelling
  these;
- Exporting all types of capital market instruments within the framework of Capital Markets legislation;
- Establish partnerships with domestic and foreign organizations and join existing partnerships.
- VI. A short explanation of the differences between the "Communiqué on Preparation Of Consolidated Financial Statements Of Banks" and consolidation transactions made in line with Turkish Accounting Standards, and on establishments that are subjected to full or proportional consolidation, deducted from equity or establishments that are not subjected to these three methods:

None.

VII. Current or likely actual or legal barriers to immediate transfer of equity or repayment of debts between parent bank and its subsidiaries:

None.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED BALANCE SHEET (STATEMENT OF FINANCIAL POSITION) AT 31 DECEMBER 2018

#### **SECTION TWO**

#### UNCONSOLIDATED BALANCE SHEET

#### I. ASSETS

					Audited Current Period
				31	December 2018
		Note	TL	FC	Total
	INANCIAL ASSETS (NET)		6,995,028	4,601,829	11,596,857
	ash and Cash Equivalents	T (4)	7,007,970	4,601,168	11,609,138
	ash and Balances with Central Bank	I-(1)	123	78,914	79,037
	anks Joney Markets	I-(3) I-(3)	6,362,584 645,263	4,522,254	10,884,838 645,263
	inancial Assets at Fair Value Through Profit or Loss	I-(2)	043,203	-	043,20.
	overnment Debt Securities	1 (2)	-	_	
	quity Instruments		-	-	
	ther Financial Assets		_	-	
1.3 Fi	inancial Assets at Fair Value Through Other Comprehensive Income	I-(4)	2,421	661	3,082
1.3.1 Go	overnment Debt Securities		-	=	
	quity Instruments		2,421	661	3,082
	ther Financial Assets		-	-	
	inancial Assets Measured at Amortised Cost	I-(6)	-	-	
	overnment Debt Securities		=	=	=
	ther Financial Assets erivative Financial Assets	I-(11)	-	-	
	erivative Financial Assets at Fair Value Through Profit or Loss	1-(11)	-	-	
	erivative Financial Assets at Fair Value Through Other Comprehensive Income		_		
	on-Performing Financial Assets		_	_	
	xpected Loss Provision (-)	I-(6)	15,363	-	15,363
	OANS (NET)	I-(5)	14,780	-	14,780
2.1 Lo	oans		14,800	-	14,800
2.1.1 M	leasured at Amortised Cost		14,800	-	14,800
2.1.2 Fa	nir Value Through Profit or Loss		-	=	
	nir Value Through Other Comprehensive Income		-	-	
	ease Receivables	I-(10)	-	-	
	nancial Lease Receivables		-	-	
	perating Lease Receivables		-	-	
	nearned Income (-) actoring Receivables		-	-	
	easured at Amortised Cost		_	-	
	air Value Through Profit or Loss		-	-	
	air Value Through Other Comprehensive Income			-	
	on-Performing Loans	I-(5)	1,574	-	1,574
	xpected Credit Loss (-)		1,594	-	1,594
2.5.1 12	2 Month Expected Credit Losses (Stage I)	I-(5)	20	-	20
2.5.2 Si	gnificant Increase in Credit Risk (Stage II)		-	=	-
	redit-Impaired Losses (Stage III / Special Provision)		1,574	-	1,574
	ROPERTY AND EQUIPMENT HELD FOR SALE PURPOSE AND RELATED TO DISCONTINUED	T /4 T			
	PERATIONS (Net)	I-(15)	-	-	
	eld for Sale Purpose elated to Discontinued Operations		-	-	•
	QUITY INVESTMENTS		4,825	-	4,825
	evestments in Associates (Net)	I-(7)	4,023		4,020
	ssociates Valued Based on Equity Method	1(/)	-	_	
	nconsolidated Associates		_	-	
4.2 St	ubsidiaries (Net)	I-(8)	4,825	-	4,825
4.2.1 Uı	nconsolidated Financial Subsidiaries		4,825	-	4,825
4.2.2 Uı	nconsolidated Non-Financial Subsidiaries		-	-	
4.3 Jo	int Ventures (Net)	I-(9)	-	-	
	int Ventures Valued Based on Equity Method		=	=	
	nconsolidated Joint Ventures			-	
	ROPERTY AND EQUIPMENT (Net)	I-(12)	11,847	-	11,847
	VTANGIBLE ASSETS (Net) oodwill	I-(13)	102,497	-	102,497
	oodwill ther		102,497	-	102,497
	WESTMENT PROPERTY (Net)	I-(14)	9,187	-	9,18
	URRENT TAX ASSET	1 (17)	,,107	-	2,10
	EFERRED TAX ASSET	I-(16)	8,662	-	8,662
	THER ASSETS	I-(17)	45,022	1,506	46,528
		•	•	*	
	OTAL ASSETS		7,191,848	4,603,335	11,795,183

Note: The prior period financial statements and related disclosures are not restated as permitted by TFRS 9 transition rules. Since 2018 and 2017 financial statements are prepared on different principles, 2017 financial statements are presented separately, not given comparatively.

#### İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED BALANCE SHEET (STATEMENT OF FINANCIAL POSITION) AT 31 DECEMBER 2017

#### I. ASSETS

					Prior Period
					ecember 2017
		Note	TL	FC	Tota
I.	CASH AND BALANCES WITH CENTRAL BANK	I-(1)	480		480
I. II.	FINANCIAL ASSETS AT FAIR VALUE THROUGH PROFIT/LOSS (Net)	I-(1) I-(2)	480	-	400
2.1	Financial Assets held for trading	1-(2)	-	-	
2.1.1	Government Debt Securities		-	_	
2.1.2	Share Certificates		_	_	
2.1.3	Trading Derivative Financial Assets		_	_	
2.1.4	Other Marketable Securities		-	-	-
2.2	Financial Assets Designated at Fair Value through Profit/Loss		-	-	-
2.2.1	Government Debt Securities		-	-	-
2.2.2	Share Certificates		-	-	-
2.2.3	Loans		-	-	-
2.2.4	Other Marketable Securities	1.(2)		4 446 212	10 173 404
III. IV.	BANKS DECENARIES EDOM MONEY MARVETS	I-(3) I-(3)	5,717,172	4,446,312	10,163,484
4.1	RECEIVABLES FROM MONEY MARKETS Receivables from Interbank Money Market	1-(3)	20,833	-	20,833
4.2	Receivables from Istanbul Stock Exchange Money Market		-		_
4.3	Receivables from Reverse Repurchase Agreements		20,833	_	20,833
v.	AVAILABLE-FOR-SALE FINANCIAL ASSETS (Net)	I-(4)	1,171	661	1,832
5.1	Share Certificates	. ,	1,171	661	1,832
5.2	Government Debt Securities		· -	-	
5.3	Other Marketable Securities		-	-	-
VI.	LOANS and RECEIVABLES	I-(5)	198,856	-	198,856
6.1	Loans		198,856	-	198,856
6.1.1	Loans Extended to the Risk Group of the Bank		144,797	-	144,797
6.1.2	Government debt securities		-	-	
6.1.3	Other		54,059	-	54,059
6.2 6.3	Loans under follow-up Specific Provisions (-)		1,574 1,574	-	1,574 1,574
VII.	FACTORING RECEIVABLES		1,574	-	1,374
VIII.	HELD-TO-MATURITY SECURITIES (Net)	I-(6)	36,947	_	36,947
8.1	Government Debt Securities	1(0)	36,947	_	36,947
8.2	Other Marketable Securities		-	-	-
IX.	INVESTMENTS IN ASSOCIATES (Net)	I-(7)	-	-	-
9.1	Consolidated Based on Equity Method		-	-	-
9.2	Unconsolidated		-	-	-
9.2.1	Financial Investments in Associates		-	-	-
9.2.2	Non-financial Investments in Associates	1 (0)	4.025	-	4.005
X.	SUBSIDIARIES (Net)	I-(8)	4,825	-	4,825
10.1 10.2	Unconsolidated Financial Subsidiaries Unconsolidated Non-Financial Subsidiaries		4,825	-	4,825
XI.	ENTITIES UNDER COMMON CONTROL (JOINT VENTURES) (Net)	I-(9)	-	_	_
11.1	Consolidated Based on Equity Method	1-())	_	_	_
11.2	Unconsolidated		_	_	_
11.2.1	Financial Joint Ventures		-	-	-
11.2.2	Non-financial Joint Ventures		-	-	-
XII.	LEASE RECEIVABLES	I-(10)	-	-	-
12.1	Financial Lease Receivables		-	-	-
12.2	Operational Lease Receivables		-	-	-
12.3	Other		-	-	-
12.4	Unearned Income (-)	T (11)	=	-	-
<b>XIII.</b> 13.1	DERIVATIVE FINANCIAL ASSETS FOR HEDGING PURPOSES Fair Value Hedge	I-(11)	-	-	-
13.1	Cash Flow Hedge		-	-	-
13.3	Foreign Net Investment Hedge		_	_	_
XIV.	PROPERTY AND EQUIPMENT (Net)		7,437	-	7,437
XV.	INTANGIBLE ASSETS (Net)		98,095	_	98,095
15.1	Goodwill		´ -	-	-
15.2	Other		98,095	-	98,095
XVI.	INVESTMENT PROPERTY (Net)	I-(12)	9,495	-	9,495
XVII.	TAX ASSET		-	-	-
17.1	Current Tax Asset	7.410	=	-	-
17.2	Deferred Tax Asset	I-(14)	-	-	-
<b>XVII.</b> 18.1	ASSETS HELD FOR SALE AND DISCONTINUED OPERATIONS (Net) Held for Sale	I-(13)	-	-	-
18.1	Discontinued Operations		-	-	-
XIX.	OTHER ASSETS	I-(15)	21,337	808	22,145
	~	1 (13)	-1,007	000	22,175

#### İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED BALANCE SHEET (STATEMENT OF FINANCIAL POSITION) AT 31 DECEMBER 2018

#### I. LIABILITIES

				rrent Period	
				31 De	cember 2018
		Note	TL	FC	Tota
I.	FUNDS COLLECTED	II-(1)	-	-	
II.	FUNDS BORROWED	II-(3)	652,957	2,772,457	3,425,414
III.	MONEY MARKETS DEBTS		-	-	
IV.	SECURITIES ISSUED (Net)		-	-	
4.1	Bills		-	-	-
4.2	Asset Backed Securities		-	-	-
4.3	Bonds		-	-	-
v.	FUNDS	II-(4)	4,682,635	1,814,943	6,497,578
5.1	Borrower Funds		-	-	
5.2	Other		4,682,635	1,814,943	6,497,578
VI.	FİNANCIAL LIABILITIES AT FAIR VALUE THROUGH PROFIT OR LOSS		· · · ·	· · ·	
VII.	DERIVATIVE FINANCIAL LIABILITIES	II-(2)	_	-	
7.1	Derivative Financial Liabilities at Fair Value Through Profit or Loss	(-)	_	_	
7.2	Derivative Financial Liabilities at Fair Value Through Other Comprehensive Income		_	_	_
VIII.	FACTORING PAYABLES		_	_	_
IX.	LEASE PAYABLES	II-(5)	_	_	_
9.1	Finance Lease Payables	11 (3)	_	_	
9.2	Operating Lease Payables		_	_	
9.3	Other		-	-	-
9.4			-	-	-
	Deferred Finance Lease Expenses (-)	W (6)	<b>7</b> 6.006	-	<b>5</b> 7.007
X.	PROVISIONS	II-(6)	76,086	-	76,086
10.1	Restructuring Provisions		-	-	-
10.2	Reserve for Employee Benefits		12,685	-	12,685
10.3	Insurance Technical Provisions (Net)		-	-	-
10.4	Other Provisions		63,401	-	63,401
XI.	CURRENT TAX LIABILITY	II-(7)	50,620	-	50,620
XII.	DEFERRED TAX LIABILITY		-	-	-
XIII.	LIABILITIES FOR PROPERTY AND EQUIPMENT HELD FOR SALE AND RELATED TO				
	DISCONTINUED OPERATIONS (Net)	II-(8)	-	-	-
13.1	Held for Sale Purpose		-	-	-
13.2	Related to Discontinued Operations		-	-	-
XIV.	SUBORDINATED DEBT INSTRUMENTS	II-(9)	-	-	-
14.1	Loans		-	-	-
14.2	Other Debt Instruments		-	-	-
XV.	OTHER LIABILITIES		-	-	
XVI.	SHAREHOLDERS' EQUITY	II-(10)	1,745,485	-	1,745,485
16.1	Paid-in capital		600,000	-	600,000
16.2	Capital Reserves		36,280	-	36,280
16.2.1	Share Premium		33,019	-	33,019
16.2.2	Share Cancellation Profits		_	-	
16.2.3	Other Capital Reserve		3,261	_	3,261
16.3	Accumulated Other Comprehensive Income or Loss Not Reclassified Through Profit or Loss		909	_	909
16.4	Accumulated Other Comprehensive Income or Loss Reclassified Through Profit or Loss		-	_	,,,,
16.5	Profit Reserves		606,526	_	606,526
16.5.1	Legal Reserves		79,981	_	79,981
16.5.2	Status Reserves			_	, , , , , 01
16.5.3	Extraordinary Reserves		523,901	-	523,901
16.5.4	Other Profit Reserves		2,644	-	2,644
	Income or (Loss)			-	
16.6			501,770	-	501,770
16.6.1	Prior Periods' Income or (Loss)		22,030	-	22,030
16.6.2	Current Period Income or (Loss)		479,740	-	479,740
16.7	Share Premium		-	-	

#### İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED BALANCE SHEET (STATEMENT OF FINANCIAL POSITION) AT 31 DECEMBER 2017

#### I. LIABILITIES

					Prior Perioc
		Note	TL	31 De FC	cember 2017 Tota
		Note	IL.	rc	1012
	POSITS	II-(1)	-	-	
	posits of Bank's Risk Group		-	-	
.2 Oth		H (2)	-	-	
	RIVATIVE FINANCIAL LIABILITIES HELD FOR TRADING	II-(2)	- 	2 272 055	2 144 20
	NDS BORROWED ONEY MARKETS	II-(3) II-(3)	771,313 34,737	2,372,955	3,144,26 34,73
	nds from Interbank Money Market	11-(3)	34,737 34,737		34,73
	nds from Istanbul Stock Exchange Money Market		54,757	_	54,75
	nds Provided Under Repurchase Agreements		-	_	
	ARKETABLE SECURITIES ISSUED (Net)		-	-	
.1 Bill	ls		-	-	
	set Backed Securities		-	-	
.3 Bor			-	-	
	NDS To a second		-	-	
	rrower Funds		-	-	
5.2 Oth MIS		Π (4)	2 005 979	2 064 740	5 070 41
	SCELLANEOUS PAYABLES THER LIABILITIES	II-(4)	3,905,878 60,316	2,064,740	5,970,61 60,31
	CTORING PAYABLES		00,510	_	00,51
	ASE PAYABLES	II-(5)			
	ancial Lease Payables	(+)	-	_	
0.2 Ope	erational Lease Payables		-	-	
0.3 Oth	ner		-	-	
	ferred Financial Lease Expenses (-)		-	-	
	DGING DERIVATIVE FINANCIAL LIABILITIES		-	-	
	r Value Hedge		-	-	
	sh Flow Hedge		-	-	
	eign Net Investment Hedge OVISIONS	II-(6)	82,062	-	82,06
	neral Loan Loss Provision	11-(0)	48,139	-	48,13
	structuring Provisions		-0,137	_	70,13
	ployee Benefits Provisions		12,645	_	12,64
	urance Technical Provisions (Net)		· -	-	ŕ
2.5 Oth	ner Provisions		21,278	-	21,27
	X LIABILITY	II-(7)	26,166	-	26,16
	rrent Tax Liability		25,121	-	25,12
3.2 Def	ferred Tax Liability		1,045	-	1,04
KIV. PA	YABLES FOR ASSET HELD FOR SALE AND DISCONTINUED OPERATIONS		_	_	
	I ABBLES FOR ASSET HELD FOR SALE AND DISCONTINUED OF ERATIONS		-	-	
	continued Operations				
	BORDINATED LOANS		-	_	
	AREHOLDERS' EQUITY	II-(10)	1,246,262	-	1,246,26
6.1 Paid	d-in Capital		600,000	-	600,00
	pital Reserves		37,107	-	37,10
	are Premium		33,019	-	33,01
	are Cancellation Profits		-	-	
	rketable Securities Valuation Differences		-	-	
	ngible Assets Revaluation Differences		-	-	
	angible Assets Revaluation Differences estment Property Revaluation Differences		-	-	
	curities		-	-	
	dging Reserves (Effective portion)				
	lue Differences of Assets Held for Sale and Discontinued Operations		-	-	
	ner Capital Reserves		4,088	-	4,08
	fit Reserves		329,374	-	329,37
6.3.1 Leg	gal Reserves		66,122	-	66,12
	tus Reserves		-	-	
	raordinary Reserves		260,606	-	260,60
	ner Profit Reserves		2,646	-	2,64
	ome or Loss		279,781	-	279,78
	or Years' Income/Loss		3,410	-	3,41
	rrent Year Income/Loss		276,371	-	276,37
0.5 IVIII	nority Shares		-	-	

#### ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED OFF-BALANCE SHEET COMMITMENTS AS OF 31 DECEMBER 2018

#### II. OFF-BALANCE SHEET

					Audited Current Period
		Note	TL	FC	31 December 2018 Total
Α.	OFF-BALANCE SHEET COMMITMENTS (I+II+III)		17,187,890		17,187,890
I.	GUARANTEES AND WARRANTIES	III-(1)	17,086,287	-	17,086,287
1.1. 1.1.1.	Letters of Guarantee Guarantees Subject to State Tender Law		-	-	-
1.1.2.	Guarantees Given for Foreign Trade Operations		-	-	-
1.1.3.	Other Letters of Guarantee		-	-	-
1.2. 1.2.1.	Bank Acceptances Import Letter of Acceptance		-	-	-
1.2.2.	Other Bank Acceptances		-	-	-
1.3.	Letters of Credit		-	-	-
1.3.1. 1.3.2.	Documentary Letters of Credit Other Letters of Credit		-	-	-
1.4.	Prefinancing Given as Guarantee		-	-	-
1.5.	Endorsements Endorsements to the Central Bank of the Republic of Turkey		-	-	-
1.5.1. 1.5.2.	Other Endorsements		-	-	-
1.6.	Other Guarantees		-	-	-
1.7.	Other Collaterals Import Letter of Acceptance		17.004.207	-	17.00< 207
1.8. 1.9.	Other Bank Acceptances		17,086,287	-	17,086,287
II.	COMMITMENTS	III-(1)	101,603	-	101,603
2.1. 2.1.1.	Irrevocable Commitments Asset Purchase and Sale Commitments		101,603	-	101,603
2.1.2.	Deposit Purchase and Sales Commitments		-	-	-
2.1.3.	Share Capital Commitments to Associates and Subsidiaries		3,750	-	3,750
2.1.4. 2.1.5.	Loan Granting Commitments Securities Issue Brokerage Commitments		-	-	-
2.1.6.	Commitments for Reserve Deposit Requirements		-	-	-
2.1.7.	Payment commitment for checks		-	-	-
2.1.8. 2.1.9.	Tax and Fund Liabilities from Export Commitments Commitments for Credit Card Limits		-	-	-
2.1.10.	Commitments for Credit Cards and Banking Services Promotions		-	-	-
2.1.11.	Receivables from Short Sale Commitments of Marketable Securities		-	-	-
2.1.12. 2.1.13.	Payables for Short Sale Commitments of Marketable Securities Other Irrevocable Commitments		97,853	-	07.952
2.1.13.	Revocable Commitments		97,833	-	97,853
2.2.1.	Revocable Loan Granting Commitments		-	-	-
2.2.2.	Other Revocable Commitments		-	-	-
III. 3.1	DERIVATIVE FINANCIAL INSTRUMENTS Hedging Derivative Financial Instruments		-	-	
3.1.1	Fair value hedge		-	-	-
3.1.2	Cash flow hedge		-	-	-
3.1.3 3.2	Foreign Net Investment Hedges Trading Derivative Financial Instruments		-	-	-
3.2.1	Forward Foreign Currency Buy/Sell Transactions		-	-	-
3.2.1.1	Forward Foreign Currency Transactions-Buy		-	-	-
3.2.1.2 3.2.2	Forward Foreign Currency Transactions-Sell Swap Transactions Related to Foreign Currency and Interest Rates		-	-	-
3.2.2.1	Foreign Currency Swap-Buy		-	-	-
3.2.2.2	Foreign Currency Swap-Sell Interest Rate Swap-Buy		-	-	-
3.2.2.3 3.2.2.4	Interest Rate Swap-Buy Interest Rate Swap-Sell		-	-	-
3.2.3	Foreign Currency, Interest rate and Securities Options		-	-	-
3.2.3.1 3.2.3.2	Foreign Currency Options-Buy Foreign Currency Options-Sell		-	-	-
3.2.3.2	Interest Rate Options-Buy		-	-	-
3.2.3.4	Interest Rate Options-Sell		-	-	-
3.2.3.5	Securities Options-Buy		-	-	-
3.2.3.6 3.2.4	Securities Options-Sell Foreign Currency Futures		-	-	-
3.2.4.1	Foreign Currency Futures-Buy		-	-	-
3.2.4.2	Foreign Currency Futures-Sell Interest Rate Futures		-	-	-
3.2.5 3.2.5.1	Interest Rate Futures  Interest Rate Futures-Buy		-	-	-
3.2.5.2	Interest Rate Futures-Sell		-	-	-
3.2.6	Other CUSTODY AND PLEDGES RECEIVED (IV+V+VI)		2 (25 215 000	- 904 527	2 (2( 110 52(
B. IV.	ITEMS HELD IN CUSTODY		3,625,215,989 3,592,021,339	894,537	3,626,110,526 3,592,021,339
4.1.	Customer Fund and Portfolio Balances		1,178	-	1,178
4.2.	Investment Securities Held in Custody Chaples Pagained for Collection	III-(1)	3,592,018,661	-	3,592,018,661
4.3. 4.4.	Checks Received for Collection Commercial Notes Received for Collection		-	-	-
4.5.	Other Assets Received for Collection		-	-	-
4.6.	Assets Received for Public Offering		1.500	-	1.500
4.7. 4.8.	Other Items Under Custody Custodians		1,500	-	1,500
v.	PLEDGES RECEIVED		33,194,650	894,537	34,089,187
5.1.	Marketable Securities		7,162,527	894,537	8,057,064
5.2. 5.3.	Guarantee Notes Commodity		-	-	-
5.4.	Warranty		- -	- -	-
5.5.	Properties Other Pladaud Kenne		-	-	-
5.6. 5.7.	Other Pledged Items Pledged Items-Depository		26,032,123	-	26,032,123
VI.	ACCEPTED INDEPENDENT GUARANTEES AND WARRANTIES				
-	TOTAL OFF-BALANCE SHEET COMMITMENTS (A+B)		3,642,403,879	894,537	3,643,298,416

#### İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED OFF-BALANCE SHEET COMMITMENTS FOR THE YEAR ENDED 31 DECEMBER 2017

#### II. OFF-BALANCE SHEET

				Audited Prior Period
	N	ote 7	TL FC	31 December 2017 Tota
١.	OFF-BALANCE SHEET COMMITMENTS (I+II+III)	17,937,2		17,937,20
	GUARANTEES AND WARRANTIES III-	-(1) <b>17,639,5</b>		17,639,59
.1.	Letters of Guarantee		-	
.1.1. .1.2.	Guarantees Subject to State Tender Law Guarantees Given for Foreign Trade Operations			
.1.3.	Other Letters of Guarantee			
.2.	Bank Acceptances			
.2.1.	Import Letter of Acceptance			
.2.2.	Other Bank Acceptances Letters of Credit		-	
.3.1.	Documentary Letters of Credit			
.3.2.	Other Letters of Credit			
.4.	Prefinancing Given as Guarantee			
.5.	Endorsements		-	
.5.1. .5.2.	Endorsements to the Central Bank of the Republic of Turkey Other Endorsements		-	
.6.	Securities Issue Purchase Guarantees			
.7.	Factoring Guarantees		_	
.8.	Other Guarantees	17,639,5	91 -	17,639,59
.9.	Other Collaterals	(1)		**************************************
I. !.1.	COMMITMENTS III- Irrevocable Commitments	-(1) <b>297,6</b> 297,6		<b>297,61</b> 1 297,611
2.1.1.	Asset Purchase and Sales Commitments	277,0	-	277,011
2.1.2.	Deposit Purchase and Sales Commitments		_	
2.1.3.	Share Capital Commitments to Associates and Subsidiaries			
.1.4.	Commitments for Loan Limits		-	
2.1.5. 2.1.6.	Securities Issue Brokerage Commitments Commitments for Reserve Deposit Requirements		-	•
2.1.7.	Commitments for Cheques			
2.1.8.	Tax and Fund Liabilities from Export Commitments		_	
2.1.9.	Commitments for Credit Card Limits			
2.1.10.	Promotion Commitments for Credit Cards and Banking Services		-	
2.1.11. 2.1.12.	Receivables from Short Sale Commitments of Marketable Securities Payables for Short Sale Commitments of Marketable Securities		-	
2.1.13.	Other Irrevocable Commitments	297,6	11 -	297,611
1.2.	Revocable Commitments	=	-	
2.2.1.	Revocable Commitments for Loan Limits			
1.2.2.	Other Revocable Commitments		-	
II. 3.1	DERIVATIVE FINANCIAL INSTRUMENTS Hedging Derivative Financial Instruments		-	•
5.1.1	Transactions for Fair Value Hedge			•
3.1.2	Transactions for Cash Flow Hedge			
3.1.3	Transactions for Foreign Net Investment Hedge			
3.2	Trading Transactions		-	
3.2.1 3.2.1.1	Forward Foreign Currency Buy/Sell Transactions Forward Foreign Currency Transactions-Buy		-	•
3.2.1.2	Forward Foreign Currency Transactions-Buly			•
1.2.2	Swap Transactions Related to Foreign Currency and Interest Rates			
3.2.2.1	Foreign Currency Swap-Buy		-	
3.2.2.2	Foreign Currency Swap-Sell		-	
3.2.2.3 3.2.2.4	Interest Rate Swap-Buy Interest Rate Swap-Sell		-	
3.2.3	Foreign Currency, Interest rate and Securities Options			
3.2.3.1	Foreign currency call options			
3.2.3.2	Foreign currency put options			-
3.2.3.3	Interest Rate Options-Buy		-	
3.2.3.4 3.2.3.5	Interest Rate Options-Sell Securities Options-Buy		-	-
3.2.3.6	Securities Options-Buly			
3.2.4	Foreign Currency Futures			-
3.2.4.1	Foreign Currency Futures-Buy			-
3.2.4.2	Foreign Currency Futures-Sell		-	
3.2.5	Interest Rate Futures		-	•
3.2.5.1 3.2.5.2	Interest Rate Futures-Buy Interest Rate Futures-Sell			
1.2.6	Other			
3.	CUSTODY AND PLEDGES RECEIVED (IV+V+VI)	3,097,517,4	50 1,182,811	3,098,700,261
V.	ITEMS HELD IN CUSTODY	3,072,127,5		3,072,127,521
l.1. l.2.	Customer Fund and Portfolio Balances Investment Securities Held in Custody III-	-(1) 1,4 -(1) 3,072,124,6		1,420
i.2. i.3.	Cheques Received for Collection	-(1) 3,072,124,6	JI -	3,072,124,601
.4.	Commercial Notes Received for Collection			
1.5.	Other Assets Received for Collection			-
.6.	Assets Received for Public Offering			
1.7.	Other Items Under Custody	1,5	JU -	1,500
l.8. V.	Custodians PLEDGES RECEIVED	25,389,9	29 1,182,811	26,572,740
i.1.	Marketable Securities	6,750,4		7,933,220
.2.	Guarantee Notes	-,,,,,,,		.,,
.3.	Commodity		-	
.4.	Warranty			
.5.	Real Estate Other Bladged Items	10 (20 5		19 620 520
.6. .7.	Other Pledged Items Pledged Items-Depository	18,639,5		18,639,520
7I.	ACCEPTED INDEPENDENT GUARANTEES AND WARRANTIES		-	-
	TOTAL OFF-BALANCE SHEET COMMITMENTS (A+B)	3,115,454,6	52 1,182,811	3,116,637,46

# İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED STATEMENT OF PROFIT OR LOSS FOR THE YEAR ENDED 31 DECEMBER 2018

#### III. STATEMENT OF PROFIT OR LOSS

			Audite
			Current Perio 1 January 2018
		Note	31 December 201
. INT	EREST INCOME		684,50
	est on Loans	IV-(1)	14,6
	est Received from Reserve Requirements		
	est Received from Banks	IV-(1)	654,4:
	est Received from Money Market Transactions	W. (1)	7,2
	est Received from Marketable Securities Portfolio ncial Assets at Fair Value Through Profit or Loss	IV-(1)	7,2
	ncial Assets at Fair Value Through Other Comprehensive Income		
	ncial Assets Measured at Amortised Cost	IV-(1)	7,2
	ncial Lease Income	1. (1)	7,2-
	r Interest Income		1,0
. INTI	EREST EXPENSE	IV-(2)	152,1
1 Inter	est on Deposits		
2 Interes	est on Funds Borrowed		151,7
.3 Inter	est Expense on Money Market Transactions		3
.4 Inter	est on Securities Issued		
	r Interest Expenses		
	INTEREST INCOME/EXPENSE (I - II)		532,40
	FEES AND COMMISSIONS INCOME/EXPENSE	IV-(12)	214,98
	and Commissions Received		239,3
	cash Loans	****	51,5
.1.2 Othe		IV-(10)	187,7'
	and Commissions Paid (-)		24,3
.2.1 Non- .2.2 Othe	cash Loans		24,3
	SONNEL EXPENSES (-)	IV-(7)	58,6
	IDEND INCOME	IV-(7)	6
	DING INCOME / LOSS (Net)	IV-(3)	7,5
	ing Gains/ Losses on Securities	17 (4)	7,3
	ing Gains/ Losses on Derivative Financial Instruments		
	ign Exchange Gains/ Losses		7,5
	IER OPERATING INCOME	IV-(5)	3,00
	AL OPERATING INCOME (III+IV+V+VI+VII+VIII)		700,0
	ECTED CREDIT LOSS (-)	IV-(6)	13,9
I. OTH	IER OPERATING EXPENSES (-)	IV-(7)	73,30
II. NET	OPERATING INCOME/ LOSS (IX-X-XI)		612,7
	ESS AMOUNT RECORDED AS INCOME AFTER MERGER		
IV. INC	OME/ LOSS FROM INVESTMENTS IN SUBSIDIARIES CONSOLIDATED BASED ON EQ	JITY METHOD	
	OME/ LOSS ON NET MONETARY POSITION		
	OME/ LOSS BEFORE TAX FROM CONTINUING OPERATIONS (XII++XV)	IV-(8)	612,72
	PROVISION FOR CONTINUING OPERATIONS (±)		(132,98
	ent Tax Provision		(134,38
	rred Tax Income Effect (+)		
	rred Tax Expense Effect (-)	W. (0)	1,40
	INCOME/LOSS FROM CONTINUING OPERATIONS (XVI±XVII) OME FROM DISCONTINUED OPERATIONS	IV-(9)	479,74
	ne from Non-Current Assets Held for Resale Income from Associates, Subsidiaries and Joint Ventures		
	r Income from Discontinued Operations		
	ENSES FROM DISCONTINUED OPERATIONS (-)		
	nse from Non-Current Assets Held for Resale		
	Losses from Associates, Subsidiaries and Joint Ventures		
	r Expenses from Discontinued Operations		
	OME/LOSS BEFORE TAX FROM DISCONTINUED OPERATIONS (XIX-XX)		
	PROVISION FOR DISCONTINUED OPERATIONS (±)		
	ent Tax Provision		
	rred Tax Income Effect (+)		
	rred Tax Expense Effect (-)		
XIII. NET	PROFIT/ LOSS FROM DISCONTINUED OPERATIONS (XXI±XXII)		
WIN NIET	PROFIT/LOSS (XVIII+XXIII)	IV-(10)	479.74

Note: The prior period financial statements and related disclosures are not restated as permitted by TFRS 9 transition rules. Since 2018 and 2017 financial statements are prepared on different principles, 2017 financial statements are presented separately, not given comparatively.

#### ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED STATEMENT OF PROFIT OR LOSS FOR THE YEAR ENDED 31 DECEMBER 2017

#### III. STATEMENT OF PROFIT OR LOSS

			Audited
			Prior Period
		••	1 January -
		Note	31 December 2017
т	INTEREST INCOME	IV-(1)	405,708
I. 1.1	Interest on Loans	14-(1)	17,400
1.1	Interest Received from Reserve Requirements		17,400
1.3	Interest Received from Banks		377,804
1.4	Interest Received from Money Market Transactions		377,804
1.5	Interest Received from Marketable Securities Portfolio		10,141
1.5.1	Financial Assets Held for Trading		-
1.5.2	Financial Assets at Fair Value through Profit or Loss		_
1.5.3	Available-for-sale Financial Assets		_
1.5.4	Investments Held-to-maturity		10,141
1.6	Financial Lease Income		-
1.7	Other Interest Income		363
II.	INTEREST EXPENSE (-)	IV-(2)	85,988
2.1	Interest on Deposits (-)		-
2.2	Interest on Funds Borrowed (-)		78,261
2.3	Interest on Money Market Borrowings (-)		7,727
2.4	Interest on Securities Issued (-)		· -
2.5	Other Interest Expenses (-)		-
III.	NET INTEREST INCOME (I - II)		319,720
IV.	NET FEES AND COMMISSIONS INCOME/EXPENSE	IV-(12)	149,602
4.1	Fees and Commissions Received		165,257
4.1.1	Non-cash Loans		39,027
4.1.2	Other	IV-(12)	126,230
4.2	Fees and Commissions Paid (-)	IV-(12)	15,655
4.2.1	Non-cash Loans (-)	14-(12)	15,055
4.2.2	Other (-)		15,655
V.	DIVIDEND INCOME	IV-(3)	30
v. VI.		IV-(4)	
<b>V1.</b> 6.1	TRADING INCOME/( LOSS) (Net)	1v-(4)	562
6.2	Securities trading gains / losses Securities Trading Gains/(Losses) on Derivative Financial Instruments		
6.3	Foreign Exchange Gains/(Losses)		562
VII.	OTHER OPERATING INCOME	IV-(5)	302
VIII.	TOTAL OPERATING INCOME (III+IV+V+VI+VII)	14-(3)	470,243
IX.		IV-(6)	
	PROVISION FOR LOAN LOSSES AND OTHER RECEIVABLES (-)		16,931
х.	OTHER OPERATING EXPENSES (-)	IV-(7)	104,664
XI.	NET OPERATING INCOME/(LOSS) (VIII-IX-X)		348,648
XII.	EXCESS AMOUNT RECORDED AS INCOME AFTER MERGER		-
XIII.	INCOME/(LOSS) FROM INVESTMENTS IN SUBSIDIARIES CONSOLIDATED		
*****	BASED ON EQUITY METHOD		•
XIV.	INCOME/(LOSS) ON NET MONETARY POSITION  DISCOME/(LOSS) FROM CONTINUING OPERATIONS REFORE TAY (VI YIV)		249.649
XV. XVI.	INCOME/(LOSS) FROM CONTINUING OPERATIONS BEFORE TAX (XI++XIV) TAX PROVISION FOR CONTINUING OPERATIONS (-)	IV-(8)	348,648 (72,277)
16.1	Current Tax Provision	14-(8)	(72,277)
16.1	Deferred Tax Provision		(1,923)
XVII.	NET INCOME/(LOSS) FROM CONTINUING OPERATIONS (XV-XVI)	IV-(9)	(1,923) <b>276.371</b>
XVII.	INCOME FROM DISCONTINUED OPERATIONS	1V-(9)	270,371
18.1	Income from Non-Current Assets Held for Sale		
18.2	Sale Income from Associates, Subsidiaries and Joint Ventures		
18.3	Other Income from Discontinued Operations		-
XIX.	EXPENSES FROM DISCONTINUED OPERATIONS (-)		-
19.1	Expense from Non-Current Assets Held for Sale		_
19.2	Sale Losses from Associates, Subsidiaries and Joint Ventures		-
19.3	Other Expenses from Discontinued Operations		-
XX.	INCOME/(LOSS) FROM DISCONTINUED OPERATIONS BEFORE TAX (XVIII-		
	XIX)		-
XXI.	TAX PROVISION FOR DISCONTINUED OPERATIONS (-)		-
21.1	Current tax provision		-
21.2	Deferred tax provision		-
XXII.	NET INCOME/(LOSS) FROM DISCONTINUED OPERATIONS (XX-XXI)		<u> </u>
XXIII.	NET INCOME/(LOSS) (XVII+XXII)	IV-(10)	276,371
	Earnings per share	<del></del>	0.46062

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME FOR THE YEAR ENDED 31 DECEMBER 2018

#### IV. STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME

		Audited
		Current Period
		1 January-
		31 December 2018
I.	CURRENT PERIOD INCOME/LOSS	479,740
II.	OTHER COMPREHENSIVE INCOME	82
2.1	Not Reclassified Through Profit or Loss	82
2.1.1	Property and Equipment Revaluation Increase/Decrease	-
2.1.2	Intangible Assets Revaluation Increase/Decrease	-
2.1.3		103
	Defined Benefit Pension Plan Remeasurement Gain/Loss	
2.1.4	Other Comprehensive Income Items Not Reclassified Through Profit or Loss	-
2.1.5	Tax Related Other Comprehensive Income Items Not Reclassified Through Profit or Loss	(21)
2.2	Reclassified Through Profit or Loss	-
2.2.1	Foreign Currency Translation Differences	-
2.2.2	Valuation and/or Reclassification Income/Expense of the Financial Assets at Fair Value Through Other	
	Comprehensive Income	-
2.2.3	Cash Flow Hedge Income/Loss	-
2.2.4	Foreign Net Investment Hedge Income/Loss	-
2.2.5	Other Comprehensive Income Items Reclassified Through Profit or Losses	-
2.2.6	Tax Related Other Comprehensive Income Items Reclassified Through Profit or Loss	-
III.	TOTAL COMPREHENSIVE INCOME (I+II)	479,822

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME FOR THE YEAR ENDED 31 DECEMBER 2017

#### IV. STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME

		Audited
		Prior Period
		1 January -
		31 December 2017
	INCOME AND EXPENSE ITEMS ACCOUNTED IN EQUITY	
Ī.	ADDITIONS TO THE MARKETABLE SECURITIES VALUATION RESERVE FROM THE AVAILABLE	
	FOR SALE FINANCIAL ASSETS	-
II.	REVALUATION DIFFERENCES OF TANGIBLE ASSETS	-
III.	REVALUATION DIFFERENCES OF INTANGIBLE ASSETS	-
IV.	FOREIGN EXCHANGE TRANSLATION DIFFERENCES FOR FOREIGN CURRENCY	
	TRANSACTIONS	-
V.	INCOME/LOSS ON CASH FLOW HEDGE DERIVATIVE FINANCIAL ASSETS (Effective Part of Fair	
	Value Changes)	-
VI.	PROFIT/LOSS FROM FOREIGN INVESTMENT HEDGE DERIVATIVE FINANCIAL ASSETS (Effective	
	Part of Fair Value Changes)	-
VII.	EFFECTS OF CHANGES IN ACCOUNTING POLICY AND ERROR	-
VIII.	OTHER INCOME AND EXPENSE ITEMS ACCOUNTED IN EQUITY ACCORDING TO TAS	1,506
IX.	DEFERRED TAX ON VALUATION DIFFERENCES	(301)
<b>X.</b>	NET INCOME/LOSS ACCOUNTED DIRECTLY IN EQUITY (I+II++IX)	1,205
XI.	CURRENT PERIOD INCOME/LOSS	276,371
1.1	Net Change in Fair Value of Marketable Securities (Transfer to Profit or Loss)	-
1.2	Portion of Cash Flow Hedge Derivative Financial Assets Reclassified and Presented on the Income Statement	-
1.3	Portion of Foreign Investment Hedge Derivative Financial Assets Reclassified and Presented on the Income	
	Statement	-
1.4	Other	276,371
XII.	TOTAL INCOME/LOSS RELATED TO THE CURRENT PERIOD (X±XI)	277,576

# CONVENIENCE TRANSLATION OF PUBLICLY ANNOUNCED UNCONSOLIDATED FINANCIAL STATEMENTS ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED CHANGES IN SHAREHOLDERS'S EQUITY FOR THE YEAR ENDED 31 DECEMBER 2018

#### V. STATEMENT OF CHANGES IN SHAREHOLDERS' EQUITY

	Changes in shareholders' equity					or Expen	er Comprehensive se Not Reclassified h Profit or Loss	Income	Expense	er Comprehensive In Reclassified through Profit or Loss					
		Paid-in		Share Cancellation	Other Capital	Revaluation surplus on tangible and	Defined benefit plans' actuarial		Translation	Income/expense s from valuation and/or reclassification of financial assets measured at		Profit	Prior Period	Current Period	Total Shareholders'
	Audited	Capital	Premiums	Profits	Reserves	intangible assets	gains/losses	Other	differences	FVOCI	Other	Reserves	Profit or Loss	Profit or Loss	Equity
	Current Period 1 January 2018-31 December 2018														
I.	Prior period end balance	600,000	33,019	-	3,261	-	827	-	-	-	-	329,374	3,410	276,371	1,246,262
II.	Corrections and accounting policy changes made according to TAS 8					_			_		_	_	18,621	_	18,621
2.1	Effects of corrections			-	-		-	-					10,021		10,021
2.2	Effects of the changes in accounting policies	-	-	-	-	-	-	-	-	-	-	-	18,621	-	18,621
III.	Adjusted beginning balance (I+II)	600,000	33,019	-	3,261	-	827	-	-	-	-	329,374	22,031	276,371	1,264,883
IV.	Total comprehensive income	-	-	-	-	-	82	-	-	-	-	-	-	479,740	479,822
v.	Capital increase by cash	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VI. VII	Capital increase by internal sources	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII	Paid-in capital inflation adjustment difference	-	-	•	-	-	-	-	-	·	-	-	-	-	•
I.	Convertible bonds to shares														-
IX.	Subordinated debt instruments	-	-	-	-	-	-	-	-	-	-	-		-	
X.	Increase/Decrease by other changes	-	-	-	-	-	-	-	-	-	-	-	780	(25.6.25.5)	780
XI.	Profit distribution	-	-	-	-	-	-	-	-	-	-	277,152	(781)	(276,371)	-
11.1 11.2		-	-	-	-	-	-	-	-	-	-	277,152	(277,152)	-	-
	Other		-	-	-	-	-	-	-	-		4//,152	276,371	(276,371)	-
11.5	Other	-	-	-	-	-	-	-	-	-	•	-	270,371	(270,371)	-
	Period-end balance (III+IV++X+XI)	600,000	33,019	-	3,261	-	909	-	-	-		606,526	22,030	479,740	1,745,485

Note: The prior period financial statements and related disclosures are not restated as permitted by TFRS 9 transition rules. Since 2018 and 2017 financial statements are prepared on different principles, 2017 financial statements are presented separately, not given comparatively.

# CONVENIENCE TRANSLATION OF PUBLICLY ANNOUNCED UNCONSOLIDATED FINANCIAL STATEMENTS ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED CHANGES IN SHAREHOLDERS'S EQUITY FOR THE YEAR ENDED 31 DECEMBER 2017

#### V. STATEMENT OF CHANGES IN SHAREHOLDERS' EQUITY

		Pa	Adjustment aid-in to Share	Share	Share Cancellation	Legal	Statutory	Extra ordinary	Other	Current Period Net Income/	Prior Period Net Income/	Marketable Securities Value Increase	Tangible and Intangible Assets Revaluation	Bonus Shares Obtained from	Hedging	Valuation Difference of AHS and Discontinued	Total
	1			Premium					Reserves	(Loss)	(Loss)	Fund	Differences	Associates	Funds	Operations	Equity
	1 January – 31 December 2017 (1)		•							ì							
I.	Prior period end balance	60	0,000 4,088	33,019	-	51,044	-	139,119	1,441	211,565	3,410	-		-	-		1,043,686
	Changes in the period																
II.	Increase/Decrease due to the merger		-	-	-		-	-	-	-	-	-	-	-	-	-	-
III.	Marketable securities valuation differences		-		-	-	-	-	-	-	-	-	-	-	-	-	-
IV.	Hedging reserves (Effective portion)		-	-	-		-	-	-	-	-	-	-	-	-	-	-
4.1	Cash flow hedge		-	-	-		-	-	-	-	-	-	-	-	-	-	-
4.2	Foreign investment hedge		-	-	-		-	-	-	-	-	-	-	-	-	-	-
V.	Revaluation differences of tangible assets		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VI.	Revaluation differences of intangible assets		-	-	-		-	-	-	-	-	-	-	-	-	-	-
VII.	Bonus shares obtained from investments in associates, subsidiaries		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	and joint ventures																-
VIII.	Foreign exchange difference		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX.	Changes due to the disposal of assets		-	-	-		-	-	-	-	-	-	-	-	-	-	-
X.	Changes due to the reclassification of the assets		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI.	Effects of changes in equity of investments in associates		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XII.	Capital increase		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.1	Cash		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.2	Internal resources		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XIII.	Share premium		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XIV.	Share cancellation profits		-	-	-		-	-	-	-	-	-	-	-	-	-	-
XV.	Adjustment to share capital		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XVI.	Other		-	-	-		-	-	1,205	-	-	-	-	-	-	-	1,205
XVII.	Current year income or loss		-	-	-	-	-	-	-	276,371	-	-	-	-	-	-	276,371
XVIII.	Profit distribution		-	-	-	15,078	-	121,487	-	(211,565)	-	-	-	-	-	-	(75,000)
18.1	Dividend paid (1)		-	-	-	-	-	-	-	(75,000)	-	-	-	-	-	-	(75,000)
18.2	Transfers to reserves		-	-	-	15,078	-	121,487	-	(136,565)	-	-	-	-	-	-	-
18.3	Other		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Period end balance	60	0.000 4.088	33,019		66,122		260,606	2,646	276,371	3,410						1,246,262

<sup>(1)</sup> The prior period financial statements and related disclosures are not restated as permitted by TFRS 9 transition rules. Since 2018 and 2017 financial statements are prepared on different principles, 2017 financial statements are presented separately, not given comparatively.

# ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED STATEMENT OF CASH FLOW FOR THE YEAR ENDED 31 DECEMBER 2018

#### VI. STATEMENT OF CASH FLOWS

			C (D 1)
			Current Period 1 January –
		Note	31 December 2018
۸.	CASH FLOWS FROM BANKING OPERATIONS		
1.1	Operating Profit/ (Loss) Before Changes in Operating Assets and Liabilities		783,245
1.1.1	Interest Received		686,725
.1.2	Interest Paid		(150,257)
1.1.3	Dividend Received		600
1.1.4	Fees and Commissions Received		239,255
1.1.5	Other Income		3,060
1.1.6	Collections from Previously Written-off Loans and Other Receivables		-
1.1.7	Payments to Personnel and Service Suppliers		(58,608)
1.1.8	Taxes Paid		(116,223)
1.1.9	Other	VI-(1)	178,693
1.2	Changes in Operating Assets and Liabilities		887,521
1.2.1	Net increase/decrease in Financial Assets at Fair Value Through Profit or Loss		-
1.2.2	Net (increase) / decrease in Due from Banks and Other Financial Institutions		(4,770)
1.2.3	Net (increase) / decrease in Loans		183,868
1.2.4	Net (increase) / decrease in Other Assets	VI-(1)	(24,321)
1.2.5	Net increase / (decrease) in Bank Deposits		-
1.2.6	Net increase / (decrease) in Other Deposits		-
1.2.7	Net increase/(decrease) in Funds Borrowed		244,502
1.2.8	Net increase/(decrease) in Payables	VII (1)	-
1.2.9	Net increase/(decrease) in Other Liabilities	VI-(1)	488,242
[.	Net Cash Provided from Banking Operations		1,670,766
В.	CASH FLOWS FROM INVESTING ACTIVITIES		
II.	Net Cash Provided from Investing Activities		13,027
2.1	Cash Paid for Acquisition of Investments, Associates and Subsidiaries		-
2.2	Cash Obtained from Disposal of Investments, Associates and Subsidiaries		-
2.3	Purchases of Property and Equipment		(7,834)
2.4	Disposals of Property and Equipment		-
2.5	Purchase of Financial Assets at Fair Value Through Other Comprehensive Income		(1,250)
2.6	Sale of Financial Assets at Fair Value Through Other Comprehensive Income		-
2.7	Purchase of Financial Assets Measured at Amortised Cost		(56,504)
2.8	Sale of Financial Assets Measured at Amortised Cost	*** 44	91,502
2.9	Other	VI-(1)	(12,887)
C.	CASH FLOWS FROM FINANCING ACTIVITIES		
III.	Net Cash Provided from Financing Activities		11,178
3.1	Cash Obtained from Funds Borrowed and Securities Issued		-
3.2	Cash Used for Repayment of Funds Borrowed and Securities Issued		-
3.3	Issued Capital Instruments		-
3.4	Dividends Paid		-
3.5	Payments for Finance Leases		-
3.6	Other		11,178
IV.	Effect of Change in Foreign Exchange Rate on Cash and Cash Equivalents	VI-(1)	(275,400)
v.	Net Decrease in Cash and Cash Equivalents (I+II+III+IV)		1,419,571
VI.	Cash and Cash Equivalents at Beginning of the Period	VI-(2)	10,159,624

Note: The prior period financial statements and related disclosures are not restated as permitted by TFRS 9 transition rules. Since 2018 and 2017 financial statements are prepared on different principles, 2017 financial statements are presented separately, not given comparatively.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED STATEMENT OF CASH FLOW FOR THE YEAR ENDED 31 DECEMBER 2017

#### VI. STATEMENT OF CASH FLOWS

			Audited
			Prior Period
		Note	1 January- 31 December 2017
A.	CASH FLOWS FROM BANKING OPERATIONS		
1.1	Operating Profit Before Changes in Operating Assets and Liabilities		154,175
1.1.1	Interest Received		404,065
1.1.2	Interest Paid		(85,629)
	Dividend Received		30
	Fees and Commissions Received Other Income		165,257 329
	Collections from Previously Written-off Loans and Other Receivables		329
	Payments to Personnel and Service Suppliers		(49,407)
	Taxes Paid		(67,587)
1.1.9	Other	VI-(1)	(212,883)
1.2	Changes in Operating Assets and Liabilities		2,205,931
121	Net (increase)/decrease in Trading Securities		1,154
	Net (increase)/decrease in Fair Value Through Profit/Loss Financial Assets		-
	Net (increase)/decrease in Due from Banks		(11,914)
	Net (increase)/decrease in Loans		(99,749)
	Net (increase)/decrease in Other Assets	VI-(1)	(7,278)
	Net increase/(decrease) in Bank Deposits Net increase/(decrease) in Other Deposits		-
	Net increase/(decrease) in Funds Borrowed		734,416
	Net increase/(decrease) in Payables		-
1.2.1	0 Net increase/(decrease) in Other Liabilities	VI-(1)	1,589,302
I.	Net Cash Provided from Banking Operations		2,360,106
B.	CASH FLOWS FROM INVESTING ACTIVITIES		
II.	Net Cash Provided from Investing Activities		(11,069)
2.1	Cash Paid for Acquisition of Investments, Associates and Subsidiaries		_
2.2	Cash Obtained from Disposal of Investments, Associates and Subsidiaries		_
2.3	Purchases of Property and Equipment		(4,115)
2.4	Disposals of Property and Equipment		-
2.5	Cash Paid for Purchase of Investments Available-for-Sale		(47)
2.6 2.7	Cash Obtained from Sale of Investments Available-for-Sale Cash Paid for Purchase of Investment Securities		(80,862)
2.8	Cash Obtained from Sale of Investment Securities		89,858
2.9	Other		(15,903)
C.	CASH FLOWS FROM FINANCING ACTIVITIES		
III.	Net Cash Provided from Financing Activities		(73,494)
3.1	Cash Obtained from Funds Borrowed and Securities Issued		-
3.2	Cash Used for Repayment of Funds Borrowed and Securities Issued		-
3.3	Issued Capital Instruments		-
3.4	Dividends Paid		(75,000)
3.5 3.6	Payments for Finance Leases Other		1,506
IV.	Effect of Change in Foreign Exchange Rate on Cash and Cash Equivalents	VI-(1)	160,163
v.	Net Increase/(Decrease) in Cash and Cash Equivalents		2,435,706
VI.	Cash and Cash Equivalents at the Beginning of the Period	VI-(2)	7,723,918
	Cash and Cash Equivalents at the End of the Period	VI-(2)	10,159,624

Note: The prior period financial statements and related disclosures are not restated as permitted by TFRS 9 transition rules. Since 2018 and 2017 financial statements are prepared on different principles, 2017 financial statements are presented separately, not given comparatively.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş.

#### UNCONSOLIDATED STATEMENT OF PROFIT DISTRIBUTION

FOR THE YEAR ENDED 31 DECEMBER 2018

#### VII. STATEMENT OF PROFIT DISTRIBUTION

		Audited Current Period
		31 December 2018
I.	DISTRIBUTION OF CURRENT YEAR PROFIT	
1.1	CURRENT PERIOD PROFIT	612,723
1.2	TAXES AND LEGALDUTIES PAYABLE (-)	(132,983)
1.2.1	Corporate tax (income tax)	(134,385)
1.2.2	Withholding tax	- 1 400
1.2.3	Other taxes and duties	1,402
A.	NET PROFIT FOR THE PERIOD (1.1-1.2)	479,740
1.3	ACCUMULATED LOSSES (-)	-
1.4 1.5	LEGAL RESERVES (-) OTHER STATUTORY RESERVES (-)	-
В.	NET PROFIT AVAILABLE FOR DISTRIBUTION [(A-(1.3+1.4+1.5)] <sup>(1)</sup>	479,740
1.6	FIRST DIVIDEND TO SHAREHOLDERS (-)	-
1.6.1	To owners of ordinary shares	-
1.6.2 1.6.3	To owners of privileged shares To owners of redeemed shares	-
1.6.4	To profit sharing bonds	_
1.6.5	To holders of profit and loss sharing certificates	-
1.7	DIVIDENDS TO PERSONNEL (-)	-
1.8	DIVIDENDS TO BOARD OF DIRECTORS (-)	-
1.9	SECOND DIVIDENS TO SHAREHOLDERS (-) (1)	-
1.9.1	To owners of ordinary shares	-
1.9.2 1.9.3	To owners of privileged shares To owners of redeemed shares	-
1.9.3	To profit sharing bonds	-
1.9.5	To holders of profit and loss sharing certificates	-
1.10	SECOND LEGAL RESERVES (-)	-
1.11	STATUS RESERVES (-)	-
1.12	EXTRAORDINARY RESERVES	-
1.13	OTHER RESERVES	-
1.14	SPECIAL FUNDS	-
II.	DISTRIBUTION OF RESERVES	-
2.1	APPROPRIATED RESERVES	-
2.2	SECOND LEGAL RESERVES (-)	-
2.3	DIVIDENDS TO SHAREHOLDERS (-)	-
2.3.1 2.3.2	To owners of ordinary shares To owners of privileged shares	-
2.3.2	To owners of privileged shares To owners of redeemed shares	
2.3.4	To profit sharing bonds	-
2.3.5	To holders of profit and loss sharing certificates	-
2.4	DIVIDENDS TO PERSONNEL (-)	-
2.5	DIVIDENDS TO BOARD OF DIRECTORS (-)	-
III.	EARNINGS PER SHARE	-
3.1	TO OWNERS OF ORDINARY SHARES	0.79957
3.2	TO OWNERS OF ORDINARY SHARES (%)	79.96
3.3	TO OWNERS OF PRIVILEGED SHARES	-
3.4	TO OWNERS OF PRIVILEGED SHARES (%)	-
IV.	DIVIDENDS PER SHARE	-
4.1	TO OWNERS OF ORDINARY SHARES	-
4.2	TO OWNERS OF ORDINARY SHARES (%)	-
4.3	TO OWNERS OF PRIVILEGED SHARES TO OWNERS OF PRIVILEGED SHARES (9)	-
4.4	TO OWNERS OF PRIVILEGED SHARES (%)	-

Note: The prior period financial statements and related disclosures are not restated as permitted by TFRS 9 transition rules. Since 2018 and 2017 financial statements are prepared on different principles, 2017 financial statements are presented separately, not given comparatively.

 $<sup>(1) \</sup> Decision \ regarding \ the \ 2018 \ profit \ distribution \ will \ be \ held \ at \ General \ Assembly \ meeting.$ 

#### İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. UNCONSOLIDATED FINANCIAL STATEMENT OF PROFIT DISTRIBUTION FOR THE YEAR ENDED 31 DECEMBER 2017

#### VII. STATEMENT OF PROFIT DISTRIBUTION

		Audited Prior Period
		31 December 2017
I.	DISTRIBUTION OF CURRENT YEAR PROFIT	
1.1	CURRENT PERIOD PROFIT	348,648
1.2	TAXES AND LEGALDUTIES PAYABLE (-)	(72,277)
1.2.1	Corporate tax (income tax)	(70,354)
1.2.2 1.2.3	Withholding tax Other taxes and duties	(1.022)
1.2.3		(1,923)
A.	NET PROFIT FOR THE PERIOD (1.1-1.2)	276,371
1.3 1.4	ACCUMULATED LOSSES (-) LEGAL RESERVES (-)	-
1.4	OTHER STATUTORY RESERVES (-)	- -
В.	NET PROFIT AVAILABLE FOR DISTRIBUTION [(A-(1.3+1.4+1.5)] <sup>(1)</sup>	276,371
1.6	FIRST DIVIDEND TO SHAREHOLDERS (-)	-
1.6.1	To owners of ordinary shares	-
1.6.2	To owners of privileged shares	-
1.6.3	To owners of redeemed shares	-
1.6.4	To profit sharing bonds	-
1.6.5	To holders of profit and loss sharing certificates	-
1.7	DIVIDENDS TO PERSONNEL (-)	-
1.8	DIVIDENDS TO BOARD OF DIRECTORS (-)	-
1.9	SECOND DIVIDENS TO SHAREHOLDERS (-)	-
1.9.1 1.9.2	To owners of privileged shores	-
1.9.2	To owners of privileged shares To owners of redeemed shares	-
1.9.4	To profit sharing bonds	_
1.9.5	To holders of profit and loss sharing certificates	-
1.10	SECOND LEGAL RESERVES (-)	-
1.11	STATUS RESERVES (-)	-
1.12	EXTRAORDINARY RESERVES	-
1.13	OTHER RESERVES	-
1.14	SPECIAL FUNDS	-
II.	DISTRIBUTION OF RESERVES	-
2.1	APPROPRIATED RESERVES	-
2.2	SECOND LEGAL RESERVES (-)	-
2.3	DIVIDENDS TO SHAREHOLDERS (-)	-
2.3.1	To owners of ordinary shares	-
2.3.2 2.3.3	To owners of privileged shares To owners of redeemed shares	-
2.3.4	To profit sharing bonds	-
2.3.5	To holders of profit and loss sharing certificates	
2.4	DIVIDENDS TO PERSONNEL (-)	-
2.5	DIVIDENDS TO BOARD OF DIRECTORS (-)	-
III.	EARNINGS PER SHARE	-
3.1	TO OWNERS OF ORDINARY SHARES	-
3.2	TO OWNERS OF ORDINARY SHARES (%)	21.70
3.3	TO OWNERS OF PRIVILEGED SHARES	-
3.4	TO OWNERS OF PRIVILEGED SHARES (%)	-
IV.	DIVIDENDS PER SHARE	-
4.1	TO OWNERS OF ORDINARY SHARES	-
4.2	TO OWNERS OF ORDINARY SHARES (%)	-
4.3	TO OWNERS OF PRIVILEGED SHARES	-
4.4	TO OWNERS OF PRIVILEGED SHARES (%)	-

<sup>(1)</sup> The Bank did not make any dividend payments to shareholders and personnel at the Ordinary General Assembly Meeting held on 12 September 2018.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### **SECTION THREE**

#### EXPLANATIONS ON ACCOUNTING POLICIES

#### Basis of Presentation

I.

Presentation of financial statements

The unconsolidated financial statements are prepared within the scope of the "Regulation on Accounting Applications for Banks and Safeguarding of Documents" related with Banking Law numbered 5411 published in the Official Gazette no.26333 dated 1 November 2006 and other regulations related to reporting principles on accounting records of Banks published by Banking Regulation and Supervision Agency and circulars and interpretations published by Banking Regulation and Supervision Authority (together referred as BRSA Accounting and Reporting Legislation) and in case where a specific regulation is not made by BRSA, Turkish Accounting Standards("TAS") and Turkish Financial Reporting Standards ("TFRS") related appendices and interpretations (referred as "Turkish Accounting Standards" or "TAS") put into effect by Public Oversight Accounting and Auditing Standards Authority ("POA") ("all referred as BRSA Principles").

The format and content of the publicly announced unconsolidated financial statements and notes to these statements have been prepared in accordance with the "Communiqué on Publicly Announced Financial Statements, Explanations and Notes to These Financial Statements", published in Official Gazette no. 28337, dated 28 June 2012, and "Communiqué Pertaining to Public Disclosure of Risk Management in Banks" amendments to these Communiqués. The Bank maintains its books in Turkish Lira in accordance with the Banking Law, Turkish Commercial Code and Turkish Tax Legislation.

In accordance with TFRS 9 transition rules, since 2018 and 2017 financial statements are prepared on different principles, 2017 financial statements are presented separately.

The preparation of financial statements in conformity with TAS requires the use of certain critical accounting estimates by the Bank management to exercise its judgment on the assets and liabilities of the balance sheet and contingent issues as of the balance sheet date. These estimates are being reviewed regularly and, when necessary, suitable corrections are made and the effects of these corrections are reflected to the income statement.

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

2017 version of TFRS 9 standard has been published by the POA in the Official Gazette dated 19 January 2017 and numbered 29953 for the fiscal periods starting after 1 January 2018. The TFRS 9 standard introduces new provisions relating to the classification and measurement of financial assets and liabilities, impairment and hedge accounting. In addition, the provisions of "Regulation on Procedures and Principles for the Classification of Loans and Provisions to be submitted (Provisions Regulation)" published by the BRSA in the Official Gazette dated 22 June 2016 and numbered 29750 and the provisions to be set aside according to the qualifications of the credits of the banks are under TFRS 9.

With the adoption of TFRS 9 standard, unchanged footnote disclosures in previous periods' tables are presented comparatively.

The accounting policies and valuation principles applied in the preparation of these financial statements and valuation principles

Implementation and impacts for transition of TFRS 9 are disclosed in the footnote to Chapter XXVII. The accounting policies and valuation principles used in the preparation of the financial statements for the period of 2018 have been determined and applied according to the principles within the scope of TAS. Such accounting policies and valuation principles are explained in footnotes II to XXVII as below.

TFRS 15 Revenue from Contracts with Customer standard provides a single and comprehensive model and guide for the receipt of revenue and is included in the TAS 18 Revenue standard. This accounting policy is explained in footnote XXVII.

The compliance studies of the Bank regarding the TFRS 16 Leases (TFRS 16) standard, which will become effective as of 1 January 2019, are ongoing.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

II.

#### **Explanations on Usage Strategy of Financial Assets and Foreign Currency Transactions**

The Bank places its funds in domestic and foreign banks, in interbank money markets, and treasury bills and government bonds. These instruments are assumed to have higher yields compared to other financial instruments and bear lower risk. For the purposes of maintaining sufficient liquidity to meet all claims that might fall due, the Bank makes overnight or weekly placements in money markets. The most significant financing resources are guarantees of the members, short term placements and the shareholders' equity of the Bank. In making long-term placements, the high yield principle is considered, and accordingly, the Bank invests in government bonds and treasury bills.

The Bank has not any area of operations for which a return is achieved above the average rate of return.

The Bank carries transactions in securities and money markets. Accordingly, exchange rate and interest rate volatility are managed by matching its assets and liabilities. The Bank does not engage in derivative or structured products defined as off-balance sheet to provide balance sheet management or to make profit. Related to the transactions in securities and money markets, transaction limits are established as risk limits.

The Bank does not have any transactions that cause liability or affect the net asset position negatively in other foreign currency transactions.

#### III. Explanations on Investments in Associates, Subsidiaries and Joint Ventures

As it is explained on the I-7 footnote of section five, the Bank doesn't have the control or significant efficiency of Merkezi Kayıt Kuruluşu A.Ş., although the Bank owns 65% of it. Investments in associates and subsidiaries are accounted in accordance with the "Turkish Accounting Standard on Consolidated and Separate Financial Statements Standard" ("TAS 27") and non-financial associates, subsidiaries are stated with their cost values at the financial statements after the provision for impairment deducted.

#### IV. Explanations on Forward and Options Contract and Derivative Instruments

The Bank has no derivative instruments used for hedging purposes as of the balance sheet date.

#### V. Explanations on Interest Income and Expenses

Interest income and expenses are recognized at fair value and accounted for on accrual basis by effective interest rate method (the rate that exactly discounts estimated future cash receipts through the expected life of the financial asset or liability) by taking into account principle amount.

In accordance with the related regulation, realized and unrealized interest accruals of the non-performing loans are reversed and interest income related to these loans are recorded as interest income only when collected.

#### VI. Explanations on Fees and Commission Income and Expenses

The Bank performs custody and settlement services for marketable securities, precious metals and other securities arising from purchases and sales of those assets.

Additionally, the Bank opens custody accounts for its customers, corporate investors and companies quoted on the BİST and on other stock exchange markets, performs transfers, settlements and offsets between the accounts of securities intermediary companies and investors; performs procedures related to obtaining of bonus shares, use of preemptive rights, timely collection of dividends, principal and interest, exchange of certificates representing marketable and other securities and additional financial services. On these operations, the Bank receives custody and service commission income from its customers. These fees and commissions are accrued on a monthly basis under other operating income.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

#### **Explanations and Disclosures on Financial Assets**

VII.

As TFRS 9 is effective as of 1 January 2018, the Bank's accounting policy for financial instruments summarized as follows.

Financial instruments form the basis of the Bank's commercial operations and activities. Risks related to the mentioned tools constitute a significant part of the total risk of the Bank. Financial instruments impact the liquidity, credit and market risks of the Bank in all respects.

Financial assets are recognized or derecognized in accordance with "Recognition and Derecognition on Financial Statements" principles defined in the third part of TFRS 9 standard.

The current scope of activities and the services it provides to capital markets require the Bank to maintain a low-risk, high-liquidity portfolio. In this scope, the Bank's business model; high liquidity assets, only Government Domestic Debt Securities issued by the T.C. Undersecretariat of Treasury and liquidity bonds issued by the CBRT for the purpose of "holding" them for use when necessary.

The Bank classifies and accounts for its financial assets as "Financial assets at fair value through profit or loss", "Financial assets at fair value through other comprehensive income", or "Financial assets measured at amortized cost". Such financial assets are recognized or recognized in accordance with TFRS 9 Financial Instruments principles.

The methods and assumptions used in determining the reasonable estimated values of all of the financial instruments are mentioned below.

Cash, Banks, and Other Financial Institutions

Cash and cash equivalents comprise cash on hand, demand deposits, and highly liquid short-term investments with maturity of 3 months or less following the purchase date, not bearing risk of significant value change, and that are readily convertible to a known amount of cash. The carrying values of these assets approximate their fair values.

Funds obtained by borrowing from the other banks, a significant portion of bank guarantees and other liabilities with equity markets is kept in custody banks established in Turkey. While short-term bank accounts are preferred for transaction guarantees due to liquidity sensitivity, the Bank takes into consideration to ensure that these institutions are public banks at the maximum to minimize credit risk. Due to foreign exchange and custody procedures, foreign currency is kept in foreign correspondent institutions.

In addition to the transaction guarantees, the Bank takes into consideration to ensure that the mean value of the banks' accounts held together with equity and short-term liabilities is 1-7 days. They are followed under the heading of financial assets such as cash and cash equivalents in financial statements.

Interest income from banks is recognized as interest income in statement of profit or loss statement.

Financial assets at fair value through profit or loss

The Bank does not have any financial assets classified in this scope.

Financial assets at fair value through other comprehensive income

Securities Representing Shareholding in the Company

Securities portfolio representing the capital share, there are shares belonging to the companies in which the Bank is a partner in the scope of strategic objectives and activity continuity. These investments, which are based on equity, are classified under "Financial assets at fair value through in other comprehensive income".

The shares of the Merkezi Kayıt Kuruluşu A.Ş., which owns the majority of its shares, are followed under the heading of subsidiaries in partnership investments.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

#### VII. Explanations and Disclosures on Financial Assets (Continued)

Financial Assets Measured at Amortised Cost

The Bank does not have any financial assets classified in this scope.

Loans

Loans are financial assets which have fixed payment terms and are not traded in an active market.

The Bank provides cash loans to the brokerage houses at maximum one month maturity however mostly overnight maturity in order to provide efficiency and convenience in capital market transactions within the limits determined by the Board of Directors. Cash loans are classified under the heading "financial assets measured at amortized cost" in the context of "being held for the purpose of obtaining contractual cash flows" and "contractual cash flows representing interest only on principal and principal balance" criteria.

Loans recognized at cost and are valued at amortized cost using the effective interest method.

Explanations on the Impairment of Financial Assets Recognition of Financial Statements of Expected Credit Losses

In accordance with the "Regulation on Procedures and Principles for the Classification of Loans and Provisions to be Issued" published in the Official Gazette dated 22 June 2016 and numbered 29750, the Bank calculates the expected credit loss provision in accordance with TFRS 9 and indicates in its financial statements. Expected credit losses related to cash and cash equivalents under financial assets, other receivables, loans and non-cash loans are calculated and accounted.

Provisions provided by the Bank under TFRS 9; the expected credit loss provision amounts for 12 months and the expected credit loss provision amounts due to a significant increase in the credit risk of the borrower and the expected lifetime credit loss provisions for the default of the debts are considered as special provisions.

For non-impaired financial assets, the expected credit loss provision for twelve months is calculated and set aside for the initial recognition stage. For these financial assets, effective interest rate is used over the gross book value.

Although not available for the reporting period, the expected lifetime credit loss is calculated and set aside for non-impaired financial assets that have significant increase in credit risk after initial recognition. For these financial assets, effective interest rate is used over the gross book value.

Although not available for the reporting period, the expected lifetime credit loss provision is calculated and set aside for financial assets that are purchased or created with impaired loans. For these financial assets, effective interest rate is applied through net book value.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

#### VII. Explanations and Disclosures on Financial Assets (Continued)

Explanations on the Impairment of Financial Assets to be Taken to Financial Tables of Expected Credit Losses

The definition of default is included in the Communiqué on the calculation of the credit risk amount based on the internal rating approach. It is assumed that the debtor defaults in the event that the debtor is unable to fully pay the debts to the Bank without applying for collateral or if the debtor has delayed more than 90 days to fulfill his significant liabilities to the Bank.

Expected credit losses for financial assets, other receivables and loans under the title Cash and cash equivalents are recognized under "Expected loss reserves (-)" on the asset side of the balance sheet. The total provision for credit losses under TFRS 9 is classified under "12 Months Expected Loss Equivalent- (First Stage)". There is no allowance for credit losses classified under "Significant Increase in Credit Risk (Second Stage)".

The amount of TL 1,574 from prior periods is classified under "Default (Third Stage / Specific Provision)" account.

The expected credit loss provisions calculated for the transactions classified as non-cash loans due to the market where the Bank is the Central Opposite Party and the guarantor are listed under the "Other Provisions" heading on the liabilities side of the balance sheet.

The basic principles for calculating the Bank "Expected credit loss provisions" are as follows:

- Information considered in the expected credit loss accounting should be reasonable, reliable and supportable.
- Country risk is also taken into account when calculating provisions for expected credit losses.
- Provision for loans can be higher than their loan-based counterparts, taking into account the size, type, currency, interest rate structure, borrowing sector, collaterals and similar concentrations over time, credit risk level and management.
- The approach used to assess expected credit losses is consistent with the bank's credit risk management.
- The information used should include the borrower-specific factors, the general economic conditions and the assessment of the effects of these factors and circumstances at the reporting date on the current and future periods. Potential sources of information include the Bank's credit disposal experience, internal or external credit ratings, reports and statistics.
- If the financial instrument is determined to have low credit risk at the reporting date, the Bank may assume that the credit risk in the financial instrument has not increased substantially since the first time it was recognized.

#### VIII. Explanations on Impairment of Financial Assets

At each balance sheet date, the Bank assesses whether there is objective evidence that a financial asset or a group of financial assets has suffered an impairment and whether it meets the classification requirements in accordance with TFRS 9. The Bank determines the amount of the impairment if such indicator exist as mentioned. Related accounting policy is explained in footnote VII.

#### IX. Explanations on Offsetting of Financial Assets and Liabilities

Financial assets and liabilities are offset when the Bank has a legally enforceable right to set off, and when the Bank has the intention of collecting or paying the net amount of related assets and liabilities or when the Bank has the right to offset the assets and liabilities simultaneously. Otherwise, no offsetting is made with respect to financial assets and liabilities.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

#### X. Explanations on Sales and Repurchase Agreements and Lending of Securities

Repurchase agreements are classified as their purposes on the securities portfolio and evaluated by the principals of the portfolio which they belong to. The Bank has no repurchase transaction as of the balance sheet date.

Receivables from reverse repurchase agreements are accounted for under "Receivables from Reverse Repurchase Agreements" account in the balance sheet. The difference between purchase and sale price determined by these agreements is accrued over the life of agreements according to effective interest rate method.

#### XI. Explanations on Assets Held for Sale and Discontinued Operations

Assets which satisfy to be classified as held for sale are measured by the lower of carrying value and fair value less costs to sell and these assets are not amortized; and are separately presented in the financial statements. For an asset (or else the group of assets) to be classified as held for sale; the asset should be ready for immediate sale in frequently seen and accustomed terms and the probability of sale should be high. For the probability of sale to be high, appropriate level of management should have made a plan for the sale of the asset (or else the group of assets) and a program should have been initiated in order to determine buyers as well as complete the plan. Also the asset (or else the group of assets) shall be actively marketed in conformity with its fair value. On the other hand, the sale is expected to be journalized as a completed sale within one year after the classification date; and the necessary transactions and procedures to complete the plan should demonstrate the fact that the possibility of making significant changes or cancelling the plan is low. Certain events and conditions may extend the duration of completion of sale to more than one year.

If such delay arises from any events and conditions beyond the control of the entity and if there is sufficient evidence that the entity has an ongoing disposal plan for these assets, such assets (or else group of assets) are continued to be classified as assets held for sale (or else group of assets). A discontinued operation is a division of a bank that is either disposed or held for sale. Results of discontinued operations are included in the income statement separately.

A discontinued operation is a part of a bank classified as held for sale or held for sale. The results of discontinued operations are presented separately in statement of profit or loss.

The Bank has no assets held for sale as of the balance sheet date. The Bank has no discontinued operations during the period.

#### XII. Explanations on Goodwill and Other Intangible Assets

As of the balance sheet date, there is no goodwill in the accompanying non-consolidated financial statements of the Bank.

The intangible assets which have been bought before 1 January 2005 are amortized based on historical cost which has been revised according to inflation effects dated 31 December 2004 and the items which have been bought in the following dates are amortized based on purchase cost with the allocation of accumulated depreciation and impairments. The intangible assets are amortized based on straight line amortization regarding useful life periods. The amortization method and period are revised periodically every year.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

#### XII. Explanations on Goodwill and Other Intangible Assets (Continued)

Intangible assets of the Bank are basically software license costs. There is no criteria applied for determination of amortization period of those assets, but Turkish Tax Legislations have been taken into consideration. Economic useful life of assets acquired before 2004 is determined as 5 years, and the assets acquired in 2004 and in the following periods is determined as 3 years. Economic useful lives determined are in accordance with the criteria stated in the Turkish Accounting Standards-TAS 38-Intangible Assets. Computer programs widely used in the Bank are generated within the Bank by the personnel of the Bank, and the expenses related to those assets are not capitalized. Computer software is only purchased in case of urgent need and special projects.

Within the scope of the agreement made between Borsa Istanbul and NASDAQ, new BISTECH technology, which was developed under Borsa Istanbul's processing system; data distribution; index calculation; market surveillance; reporting systems; and also the Bank's swap and risk management systems, has a useful life of 20 years.

#### XIII. Explanations on Tangible Assets

Tangible fixed assets are initially recognized at acquisition cost and any other cost incurred so as to get the fixed asset ready for use.

Tangible fixed assets are depreciated with straight-line method. Tangible fixed assets are depreciated with the rates determined by the Ministry of Treasury and Finance based on useful lives. These useful lives are in line with the criteria stated in "TAS 16 - Tangible Assets" released by Turkish Accounting Standards Board. Depreciation Rates for Tangible Fixed Assets are as following:

	Estimated Useful Life (Year)	Depreciation Rate
Buildings	50	2%
Furniture, Fixture and Office Equipment	4 - 15	6,67-25%
Other Tangible Fixed Assets	2 - 16	6,25-50%

Tangible fixed assets are accounted for at cost less accumulated depreciation and impairment, if any. Along with the statement of the property and equipment, the effects of any revaluation according to related regulations are eliminated.

Gain or loss resulting from disposals of the tangible fixed assets is reflected to the income statement as the difference between the net proceeds and net book value.

Maintenance costs of tangible fixed assets are capitalized if they extend the economic useful life of related assets. Other maintenance costs are expensed. There are no pledges, mortgages or other restrictions on the tangible fixed assets.

#### XIV. Explanations on Leasing Transactions

The Bank as Lessor:

The Bank does not have any leasing transactions as lessor.

The Bank as Lessee:

The Bank does not have any assets which are acquired by financial leasing as of the balance sheet date. Transactions related to the operating lease are accounted according to related contractual provisions and accrual basis.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

#### XV. Explanations on Provisions and Contingent Liabilities

Provisions and contingent liabilities are accounted in accordance with "Turkish Accounting Standard for Provisions, Contingent Liabilities and Contingent Assets" ("TAS 37").

Provisions on financial statements, if an existing obligation resulting from past events, it is probable that the obligation will be met and the obligation can be reliably measured. Provisions are calculated based on the Bank management's best estimate of the expenditure required to settle the obligation at the balance sheet date and are discounted to the fair value where the effect is material.

#### XVI. Explanations on Liabilities Regarding Employee Benefits

Obligations related to employment termination and vacation rights "Turkey Accounting Standards Regarding Employee Benefits" ("TAS 19") are accounted for in accordance with the provisions.

#### **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 TAS No: 19 "Turkish Accounting Standard on 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.

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 audited annually. The carrying value of provision for employee termination benefits as of 31 December 2018 is TL 5,640 (31 December 2017: TL 5,900).

Communiqué on "Turkish Accounting Standard (TAS19) about Benefits for Employee (No: 9)" published in Official Gazette by Public Oversight Accounting and Auditing Standards Authority (POA) on 12 March 2013 numbered 28585, was entered into force for the account periods starting after 31 December 2013 on accounting treatment of actuarial profit and loss resulting from changes in actuarial assumptions or differences between actual and actuarial assumptions. As of 31 December 2018, actuarial loss after deferred tax effect amounting to TL 103 (31 December 2017: TL 1,506 actuarial loss) was classified as "Other Capital Reserves".

#### XVII. Explanations on Taxation

Income tax expense represents the sum of the current tax payable and deferred tax.

The current tax payable is based on taxable profit for the year. Taxable profit differs from profit as reported in the income statement because it excludes items of income or expense that are taxable or deductible in other years and it further excludes items that are never taxable or deductible. The Bank's liability for current tax is calculated using tax rates that have been enacted or substantively enacted by the balance sheet date.

Deferred tax is recognized on differences between the carrying amounts of assets and liabilities in the financial statements and the corresponding tax bases used in the computation of taxable profit at enacted tax rates, and it is accounted for using the balance sheet liability method. Deferred tax liabilities are generally recognized for all taxable temporary differences and deferred tax assets are recognized for all deductible temporary differences to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilized.

Deferred tax liabilities are recognized for all taxable temporary differences, whereas deferred tax assets resulting from deductible temporary differences are recognized as taxable profit.

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### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

#### **XVII.** Explanations on Taxation (Continued)

The carrying amount of a deferred tax asset shall be reviewed at the end of the reporting period. The carrying amount of a deferred tax asset is reduced to the extent that it is no longer probable that sufficient taxable profit will be available to allow the benefit of part or all of that deferred tax asset to be utilized.

Deferred tax assets and liabilities shall be measured at the tax rates that are expected to apply to the period when the asset is realized or the liability is settled is recognized in income statement as income or expense. Deferred tax that relates to items that are recognized directly in equity, in the same or a different period, is recognized directly in equity. Deferred tax assets and liabilities are netted off.

The current taxes payable and advance taxes are offset since they relate to each other.

The Bank has adjusted its statutory financial statements with inflation accounting as of 1 January 2004 in accordance with Law No. 298.

Some modifications have been made in the tax legislation with Law 4842 published in the Official Gazette number 25088 on 24 April 2003. Under these modifications, investment and development banks, which are not allowed to accept deposit, are allowed to deduct loan loss provisions from the tax base in accordance with item 2 of the article 20 of Banking Law and the amendment introduced by the article 35 of the Law numbered 4842.

#### Current Tax

The corporate tax rate of 20% implementation on the Corporate Tax Law No. 5520 was taken into effect on 1 January 2006 after being published in the Official Gazette dated 21 June 2006 numbered 26205, will be applied as 22% for corporation earnings for three years from 1 January 2018 with the regulation dated 28 November 2017 numbered 7061. Furthermore, council of ministers has the authority to decrease this ratio to 20% from 22%. The bank applies new regulations to its current and deferred tax responsibilities. The corporate tax rate is calculated on the total income of the Bank after adjusting for certain disallowable expenses, exempt income (like affiliate gains) and other allowances. If there is no dividend distribution, no further tax charges are made.

Dividends paid to non-resident corporations, which have a place of business or permanent attorney in Turkey or to resident corporations are not subject to withholding tax. Otherwise, dividends paid are subject to withholding tax at the rate of 15%. An increase in capital via issuing bonus shares is not considered as profit distribution and no withholding tax incurs in such a case.

Corporations are required to pay advance corporate tax quarterly at a rate of 22% on their corporate income. Advance tax is declared by the 14th and paid by the 17th day of the second month following each calendar quarter end. Advance tax paid by corporations for the current period is credited against the annual corporation tax calculated on the annual corporate income in the following year. Despite the offset, if there is temporary prepaid tax remaining, this balance can be refunded or used to offset any other financial liabilities to the government.

According to 5.1.e. article of Corporation Tax Law which is important tax exemption that is applied by banks, corporations' 50% of revenues that occur from selling of their real estates, are in assets, that belong to the corporations at least two years (730 days), 75% of revenues that occur from selling their founding bonds that are belong to the corporations as long as time of participation stocks, redeemed shares and option to call are exempted from Corporation Tax. (It was changed with 89th article of code 7061 that entries into force in 5 December 2017. According to dated 23 December 2017 3rd article of Corporation Tax Code (CTC) 14 annunciation this exemption will apply as ratio of 75% for selling that made till the 5 December 2017, after this date it will apply as ratio of 50%).

This exemption applies to the period the sale is made and the part of return on sales that benefits from the exemption is held in a special fund in the liabilities account until the end of the fifth year started from the following year sale is made. However, the sales payment must be collected until the end of the second calendar year following the year in which the sale is made. Taxes which are not realized in time due to the exemption that hits uncollected sales payment are considered tax loss.

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### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

#### **XVII.** Explanations on Taxation (Continued)

Taxes which were not accrued on time because the applying exemption for the transfer of the expemted part of revenue to the other accounts with other ways out of capitalizing in five years or withdrawn from company or transferring from limited taxpayer corporations to the headquarters, are considered as tax loss. This is also be applicable in the condition of liquidation of business (Except transfers and divisions that make according to this code).

Moreover, according to 5.1.f. article of Corporation Tax Law; corporations which have been fallen to legal proceedings because of owe to the bank or Savings Deposit Insurance Funds, and their warrantors' real estates, participation stocks, founding bonds, redeemed shares, options to call of mortgagors' revenues that used for against debts or transferring to SDIF, 75% of real estates, and 50% others are exempted from Corporation tax (It was changed with 89th article of code 7061 that entries into force in 5 December 2017. According to dated 23 December 2017 3rd article of Corporation Tax Code (CTC) 14 annunciation this exemption will apply as ratio of 75% for selling that made till the 5 December 2017, after this date it will apply as ratio of 50%).

Under the Turkish Corporate Tax Law, losses can be carried forward to offset against future taxable income for up to five years. Losses cannot be carried back to offset profits from previous periods.

In Turkey, there is no procedure for a final and definitive agreement on tax assessments with tax authorities. Tax returns are required to be filled and delivered to the related tax office until the evening of the 25th of the fourth month following the balance sheet date and the accrued tax is paid until the end of the same month Tax returns are open for 5 years from the beginning of the year following the balance sheet date and during this period tax authorities have the right to audit tax returns, and the related accounting records on which they are based, and may issue re-assessments based on their findings.

Deferred tax is calculated on the tax rates applicable in the period when assets are made or liabilities are fulfilled or on those which are almost certain to be effective; and it is recorded as income or expense in the income statement. Moreover, deferred tax is recognised directly on equity accounts if it is related to the assets directly associated with the equity in the same or another period. Corporate Tax Law has been amended with Article 91 of the Law, No. 7061 effective upon promulgation in the Official Gazette, No. 30261, dated 5 December 2017; and the corporate tax levied on the corporate income has been increased from 20% to 22% to be applied for the income belonging to 2018, 2019 and 2020. The Bank calculates deferred tax at the relevant rates considering the periods in which deferred tax assets and liabilities will be fulfilled.

#### XVIII. Additional Explanations on Funds Borrowed

The Bank has not issued any convertible bonds.

The Bank has not also issued any borrowing instruments.

Cash Warrants Received:

BİAŞ Guarantee Fund, BİAŞ Loan and Share Market, Takasbank Money Market, Loan Share Market, Derivatives Exchange Market, Electricity Market, Leveraged call-put transactions and Warrant Deputy (OPIC), BİAŞ Money Market, BİAŞ Swap Market and Precious Metals and Diamonds Market cash warrant amounts are tracked in asset side under banks account, in liability side under various liabilities account. These funds provide creditor members not to be affected in case debtor members may undergo cash default. Cash warrant mechanisms are created in order to provide continuous cash flow in the market by tracking payments to be made in time and in full amounts.

# XIX. Explanations on Issuance of Equity Securities

The Bank does not have any shares issued in the current period.

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### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

#### XX. Explanations on Acceptances

The Bank performs acceptances with its customers simultaneously and follows them in off balance sheet liabilities.

The Bank has no acceptances that have been included as a liability against an asset.

### **XXI.** Explanations on Government Incentives

There are no government incentives utilized by the Bank as of the balance sheet date.

#### XXII. Explanations on Segment Reporting

Operational segment is distinguishable section of the Bank that has different characteristics from other operational segments per earning and conducts the presentation of service group, associated bank products or a unique product. Reporting on operating segments is disclosed in Note XII in Section Four.

### XXIII. Profit Reserves and Profit Distribution

Retained earnings as per the statutory financial statements other than legal reserves, are available for distribution, subject to the legal reserve requirement explained to below.

The legal reserves are comprised of first and second reserves, in accordance with the Turkish Commercial Code ("TCC"). The first legal reserve is appropriated out of the profits at the rate of 5% until the total reserve reaches a maximum of 20% of the Bank's paid in capital. The second legal reserve is appropriated at the rate of 10% of all distributions in excess of the 5% of the Company's share capital; however holding companies are not subject to this application. First and second legal reserves can only be used to compensate accumulated losses and cannot be used for profit distribution unless they exceed 50% of paidin capital.

#### XXIV. Related Parties

For the purpose of these financial statements, shreholders, key management personnel and members of the board member together with their families and companies controlled by/subsidiary with them, subsidiaries and joint ventures are considered and referred to as related parties in accordance with TAS 24 "Related Parties".

## XXV. Cash and Cash Equivalents

For the purposes of the preparation of statement of cash flows, "Cash" includes cash, effectives, and cash in transit, purchased cheques and demand deposits including balances with the Central Bank; and "Cash equivalents" include interbank money market placements and time deposits at banks with original maturity periods of less than three months.

### **XXVI.** Investment Properties

Investment property consist of the asset that held to earn rentals and/or for capital appreciation and recognized with cost model in accordance with the Turkish Accounting Standard 40 (TAS 40) "Investment Property". Investment properties are recognized at its cost less any accumulated depreciation. Investment property is amortized by normal depreciation method and useful life basis. Gains and losses arising from disposal of an investment property or removal of a tangible asset are determined as the difference between the sales proceeds and the carrying amount of the asset and are included in the income statement.

#### XXVII. Reclassifications

#### **TFRS 9 Financial Instruments Standards**

In January 2017, the Public Oversight Accounting and Auditing Standards Authority ("the POA") issued the final standard of TFRS 9 financial instruments, which is based on TAS 39. TFRS 9 combines the three phases of the financial instruments accounting project: classification and measurement, impairment and hedge accounting. TFRS 9 is effective on 1 January 2018. In this context, banks have become obliged to apply TFRS 9 as of 1 January 2018 with the "Regulation on Procedures and Principles for Classification of Loans and Provisions to be Issued" published by BRSA in the Official Gazette dated 22 June 2016 and numbered 29750. The effects of the three phases of TFRS 9 are explained below:

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### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

### XXVII. Reclassifications (Continued)

Classification and measurement of financial instruments

#### **Financial assets:**

TFRS 9 includes a new approach for the classification and measurement of financial assets that impacts the entity's business model and cash flow characteristics. TFRS 9 includes three main categories of financial assets: financial assets measured at amortized cost, financial assets at fair value through other comprehensive income, and financial assets at fair value through profit or loss.

Financial assets at fair value through profit or loss are expected to continue to be measured at fair value. Financial assets measured at amortized cost or financial assets at fair value difference through other comprehensive income can be classified in accordance with the characteristics of the entity's management model.

Loans and receivables are held to provide contingent cash flows and lead to cash flows from principal and interest. The Bank has analysed the contingent cash flow characteristics of these financial instruments and decided that they should be presented at amortized cost in accordance with TFRS 9. Therefore, the classification of these financial instruments into different categories will not be relevant.

The Bank estimates the expected credit losses over the expected lifetime of the financial instrument with a weighted estimate of the probabilities of credit losses. Moreover, the present value of all cash deficits is estimated. Cash deficit is the difference between the cash flows that must be made to the Bank according to the contract and the cash flows the Bank expects to receive.

Probability of default (PD): It refers to the likelihood of the default of the credit at a certain time. The Bank uses two different probability of default values when calculating the expected credit loss in accordance with TFRS 9:

- -12 Monthly probability of default: estimation of probability of default within 12 months after the reporting date
- -Probability of permanent default: Estimation of the likelihood of default of the financial instrument over its expected life

Loss given default (LGD): The economic loss caused by the loan in the event of default on the debts. It is expressed as a ratio.

Defaulted Amount (DA): In the case of cash loans, the amount used represents the realized balance at the date of the report. For non-cash loans and commitments, it is the value calculated by applying the credit conversion rate. The credit conversion rate corresponds to the credit conversion rate used in the adaptation of the possible risk increases between the current date and the default date.

#### **Financial Liabilities:**

TFRS 9 maintains the requirements in TAS 39 for the classification of financial liabilities except for allowing accounting of the fair value changes occurred as a result of changes in a financial liability's own credit risk under other comprehensive income for the liabilities designated for fair value option (applicable for instances not affecting the accounting mismatch at large extent). Based on the evaluation of the Bank, it is not anticipated a significant impact regarding accounting of financial liabilities based on the scope of TFRS 9.

A significant impact is not expected within the scope of TFRS 9 financial liabilities.

# **Impairment**

TFRS 9 replaces the "realized losses" model in TAS 39 with the "expected credit loss" model. The new standard creates a "3-step" impairment model (general model) based on the change in credit quality after initial accounting.

Stage 1: Includes financial assets not having significant increase in their credit risk from initial recognition till the following reporting date or financial assets having low credit risk at the reporting date. It is recognized 12-month expected credit losses for such financial assets.

Stage 2: Includes financial assets having significant increase in their credit risk subsequent to the initial recognition, but not having objective evidence about impairment. It is recognized life time expected credit losses for such financial assets.

Stage 3: Includes financial assets having objective evidence about impairment at the reporting date. It is recognized life time expected credit losses for such financial assets.

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### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

# XXVII. Reclassifications (Continued)

#### **Impairment (Continued)**

The matters which have the most significant impact on TFRS 9 implementation and may change impairment calculations considerably are presented below:

- Assessment of under which conditions there may be significant increase in credit risk
- Macroeconomic factors, forward looking information and multiple scenarios
- Maximum contractual period over which it is exposed to credit risk to be considered during measurement of expected credit losses
- Definition of default

#### **Hedge accounting**

TFRS 9 also includes new hedge accounting rules regarding alignment of the risk management strategies with hedge accounting. During selection of the accounting policies, TFRS 9 gives option of continuing with TAS 39 "Hedge accounting" principles and deferring hedge accounting rules in accordance with TFRS 9.

#### **TFRS 15 Revenue Standard from Customer Contracts**

At initial recognition of the financial instruments, the classification depends on the contractual conditions and the relevant business model. TFRS 15 a financial asset or financial liability other than assets that are subject to revenue from customer contracts is measured at fair value on initial recognition. Transaction costs directly attributable to the acquisition or export of financial assets and financial liabilities at fair value through profit or loss other than those at fair value are also added to or deducted from fair value.

TFRS 15 customer contract revenue standard does not have a significant impact on the Bank's accounting policies, financial position and performance.

# The classification and measurement of financial assets

The classification and measurement of financial assets in accordance with TFRS 9 standard is determined by the business model in which the financial asset is managed and whether it is based on contractual cash flows including interest payments on principal and principal balance only.

	Before TFRS 9 In scope of TFRS 9 31 December 2017 1 January 2018		•	
		Book		Book
	Measurement Bases	Value	Measurement Bases	Value
Cash Balances and Central Bank	Loans and receivables	480	Measured at amortized cost	480
Banks and Money Markets	Loans and receivables	10,184,317	Measured at amortized cost	10,184,317
Marketable Securities	Financial assets held for trading	-	Fair value through profit and loss	-
			Fair value through other	
	Financial assets available for sale	1,832	comprehensive income	1,832
	Financial assets held to maturity	36,947	Measured at amortized cost	36,947
Derivative Financial Assets	Financial assets held for trading	-	Fair value through profit and loss	-
Loans (Gross)	Loans and receivables	198,856	Measured at amortized cost	198,856

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

#### XXVII. Reclassifications (Continued)

Explanations on reconciliation of balance sheet items with equity items

Reconciliation of the opening balances of the provision for expected credit losses to TFRS 9

	Book value before TFRS 9		Book value after TFRS 9	
Current Period	31 December 2017	Remeasurements	1 January 2018	
Loans	4,537	(2,670)	1,867	
Stage 1 (1)	2,963	(2,670)	293	
Stage 2 (1)	-	-	-	
Stage 3	1,574	-	1,574	
Financial Assets (2)	-	15,046	15,046	
Non-cash Loans (3)	45,176	(22,671)	22,505	
Stage 1 and 2	45,176	(22,671)	22,505	
Stage 3	-	-	-	
Total	49,713	(10,295)	39,418	

<sup>(1)</sup> Represents general provisions for stage 1 and 2 loans before TFRS 9.

### **Equity Impacts of TFRS 9 Transition**

As stated in the Communiqué on "Uniform Chart of Accounts and Prospectus" issued on 20 September 2017, for general provisions (TFRS 9 expected loss provisions for the loans at first and second stages), deferred tax assets calculation has started as of 1 January 2018. Within this scope, deferred tax assets amounting to TL 8,326 have been reflected to opening balances on 1 January 2018 and such amount is classified to "Prior Period Profit / Loss" account under shareholders' equity.

#### Summary information related to the capital shareholders' equity:

	31 December 2017	TFRS-9 Reclassification impact	TFRS-9 Remeasurement impact	1 January 2018
Shareholders' equity	1,246,262	-	18,621	1,264,883
Paid-in capital	600,000	-	-	600,000
Capital reserves	37,107	-	-	37,107
Share premiums	33,019	-	-	33,019
Share cancellation profits	-	-	-	-
Other capital reserves	4,088	-	-	4,088
Other comprehensive income/expense items not to be recycled to Profit or Loss	-	-	-	-
Other comprehensive income/expense items to be recycled in Profit or Loss	-	-	-	-
Valuation differences of marketable securities	-	-	-	-
Tangible assets revaluation differences	-	-	-	
Intangible assets revaluation differences	-	-	-	-
Revaluation differences on investment property	-	-	-	
Affiliates, subsidiaries and joint ventures bonus share	-	-	-	-
Hedge funds (effective part)	-	-	-	
Accumulated valuation differences related to assets held for sale and discontinued				
operations	-	-	-	-
Profit reserves	329,374	-	-	329,374
Legal reserves	66,122	-	-	66,122
Statutory reserves	-	-	-	-
Extraordinary reserves	260,606	-	-	260,606
Other profit reserves	2,646	-	-	2,646
Profit or (loss)	279,781	-	18,621	298,402
Prior years' profits or (loss)	3,410	-	18,621	22,031
Current period profit or (loss)	276,371	-	· -	276,371
Total Equity	1,246,262	-	18,621	1,264,883

### XXVIII. Explanations on Prior Period Accounting Policies

"TFRS 9 Financial Instruments" standard has been applied instead of "TAS 39 Financial Instruments: Recognition and Measurement" as of 1 January 2018. The accounting policies for for prior period together with the transition to TFRS 9 are stated below.

<sup>(2)</sup> In accordance with TFRS 9, the related amount includes Amortized Cost, Financial Assets At Fair Value Through Other Comprehensive Income, Banks and Money Market and Other Assets.

<sup>(3)</sup> General provisions for first and second stage non-cash loans before TFRS 9 in the "12.1. General Provisions" column, Special Reserves for third stage Non-cash Loans are included in "12.5 Other Provisions" whereas the expected loss provisions for first, second and third stage non-cash loans under TFRS 9 are classified "10.4 Other Provisions"

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#### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

# XXVIII. Explanations on Prior Period Accounting Policies (Continued)

#### **Explanations and Disclosures on Financial Assets**

Financial instruments comprise financial assets and financial liabilities. Financial instruments constitute the basis of Bank's trading activities and operations. The risks related to these instruments comprise a major part of the total risk taken by the Bank. Financial instruments affect liquidity, market and credit risks on the Bank's balance sheet in all respects.

All regular way purchases and sales of financial assets are recognized on the settlement date i.e. the date that the asset is delivered to or by the Bank. Settlement date accounting requires (a) accounting of the asset when acquired by the institution, and (b) disposing of the asset out of the balance sheet on the date settled by the institution; and accounting of gain or loss on disposal. In case of application of settlement date accounting, the institution accounts for the changes that occur in the fair value of the asset in the period between commercial trade date and settlement date as in the assets that the institution settles.

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.

Fair value differences are not accounted for assets carried at cost or amortized cost; gain or loss of financial assets at fair value through profit and loss are reflected in the statement of income; gain or loss of available for sale assets are accounted for under the shareholders' equity.

The methods and assumptions used in determining the reasonable estimated values of all of the financial instruments are mentioned below.

#### Cash, Banks, and Other Financial Institutions

Cash and cash equivalents comprise cash on hand, demand deposits, and highly liquid short-term investments with maturity of 3 months or less following the purchase date, not bearing risk of significant value change, and that are readily convertible to a known amount of cash. The carrying values of these assets approximate their fair values.

### Financial Assets at Fair Value through Profit and Loss

These transactions are classified in two categories. (i) Trading securities for the purposes of short term profit taking through sale and buying back in a near future. (ii) The financial assets which are classified as financial assets at fair value through profit or loss by the Bank at inception. The Bank uses such classification above when permitted or for the purposes of providing a more proper disclosure.

In this group, trading securities are initially recognized at cost and measured at fair value on the financial statements. Fair values of debt securities that are traded in an active market are determined based on quoted prices. Securities that are not traded in organized markets and whose fair value cannot be determined reliably are reflected in the financial statements after the provision for impairment losses is deducted.

The difference between initial cost and fair value of financial assets at fair value through profit and loss is reflected to interest income or diminution in value of marketable securities accounts. As explained in detail in Section Six: "Other Explanations and Notes", the realized gains and losses and related interest income/expense accruals of these securities are recorded in related income statement accounts, unless the securities belong to problematic securities intermediary members.

#### **Held to Maturity Investments**

Investments held to maturity include securities with fixed or determinable payments and fixed maturity where there is an intention of holding till maturity and the relevant conditions for fulfilment of such intention, including the funding ability. This portfolio excludes loans and receivables. After initial recognition held to maturity investments are measured at amortized cost by using effective interest rate less impairment losses, if any.

Interest income gained from held to maturity investments are accounted for as interest income in income statement.

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#### **EXPLANATIONS ON ACCOUNTING POLICIES (Continued)**

#### XXVIII. Explanations on Prior Period Accounting Policies (Continued)

#### Available for Sale Financial Assets

Available for sale financial assets comprise from all of the securities except originated loans and receivables, held to maturity investments and trading assets. These assets are initially recognized at cost including the transaction costs. The interest income related to securities with fixed and variable interest under available for sale financial assets are recorded in interest income.

After the initial recognition, available for sale securities are measured at fair value and the unrealized gain/loss originating from the difference between the amortized cost and the fair value is recorded in "Marketable Securities Value Increase Fund" under the equity. At the disposal of available for sale financial assets, value increase/decrease that are recorded in the securities value increase fund under equity are transferred to income statement.

Available-for-sale equity securities that have a quoted market price in an active market and whose fair values can be reliably measured are carried at fair value. Available-for-sale equity securities that do not have a quoted market price in an active market and whose fair values cannot be reliably measured are carried at cost, less provision for impairment.

#### **Loans and Specific Provisions**

Loans are financial assets which have fixed payment terms and are not traded in an active market.

Loans are initially recognized at cost and measured at amortized cost by using effective interest rate. The duties, charges and other expenses paid for the collaterals obtained against loans are accepted as transaction costs and reflected to customers.

In case of the evidences regarding the uncollectability of the loans given, the Bank classifies these and allocates provision in accordance with the regulations and accounts them in the related period's profit/loss accounts. The collections made related to loans for which provision is made in the current period are offset in "Provision for Loans and Other Receivables" and "Interest Received from Non-performing Loans" account. As per the Bank management's evaluation of the loan book, there is a provision set for the loans and other receivables that may be doubtful or uncollectible in accordance with the related regulations.

At each balance sheet date, the Bank evaluates the carrying amounts of its financial asset or a group of financial assets to determine whether there is an objective indication that those assets have suffered an impairment loss. If any such indication exists, the Bank determines the related impairment.

# **Explanation on Impairment of Financial Assets**

A financial asset or a group of financial assets is recognized only when it occurs after the first recognition of the related asset ("loss / loss event") and the related loss event an impairment loss or impairment arises where the financial asset or the group of assets (or events) has an objective evidence of impairment as a result of the impact on the estimated future cash flows that can be reliably estimated. Irrespective of high probability the expected losses for future events are not recognized.

# XXIX. Explanations on Other Matters

None.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### **SECTION FOUR**

I.

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT

# **Explanations Related to Components of Shareholders' Equity**

The method used for risk measurement in determining capital adequacy standard ratio; Capital Adequacy Standard Ratio is calculated in accordance with the Communiqué on "Measurement and Assessment of Capital Adequacy of Banks".

The Bank's current period equity capital is TL 1,638,088 (31 December 2017: TL 1,191,401), capital adequacy standard ratio is 19.54% (31 December 2017: 15.23%). Bank's capital adequacy standard ratio is above the minimum rate defined by legislation.

### Summary information related to the capital shareholders' equity:

	Comment Davie 1	Amounts related to treatment before
COMMON EQUITY TIER 1 CAPITAL	Current Period	1/1/2014(*)
Paid-in capital following all debts in terms of claim in liquidation of the Bank	600,000	
Share issue premiums	33.019	
Reserves	610,696	
Gains recognized in equity as per TAS	-	
Profit	501,770	
Current Period Profit	479,740	
Prior Period Profit	22,030	
Shares acquired free of charge from subsidiaries, affiliates and jointly controlled partnerships and cannot be	22,000	
recognised within profit for the period	_	
Common Equity Tier 1 Capital Before Deductions	1,745,485	
Deductions from Common Equity Tier 1 Capital		
Common Equity as per the 1st clause of Provisional Article 9 of the Regulation on the Equity of Banks	_	
Portion of the current and prior periods' losses which cannot be covered through reserves and losses		
reflected in equity in accordance with TAS	-	
Improvement costs for operating leasing	75	
Goodwill (net of related tax liability)	102.405	
Other intangibles other than mortgage-servicing rights (net of related tax liability)	102,497	-
Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net		
of related tax liability)	-	
Differences are not recognized at the fair value of assets and liabilities subject to hedge of cash flow risk	-	
Communiqué Related to Principles of the amount credit risk calculated with the Internal Ratings Based		
Approach, total expected loss amount exceeds the total provision  Gains arising from securitization transactions	-	
Unrealized gains and losses due to changes in own credit risk on fair valued liabilities	-	
Defined-benefit pension fund net assets	-	
Direct and indirect investments of the Bank in its own Common Equity	-	
Shares obtained contrary to the 4th clause of the 56th Article of the Law	-	
Portion of the total of net long positions of investments made in equity items of banks and financial	-	
institutions outside the scope of consolidation where the Bank owns 10% or less of the issued common		
share capital exceeding 10% of Common Equity of the Bank	_	
Portion of the total of net long positions of investments made in equity items of banks and financial	_	
institutions outside the scope of consolidation where the Bank owns 10% or more of the issued common		
share capital exceeding 10% of Common Equity of the Bank	_	
Portion of mortgage servicing rights exceeding 10% of the Common Equity	_	
Portion of deferred tax assets based on temporary differences exceeding 10% of the Common Equity	_	
Amount exceeding 15% of the common equity as per the 2nd clause of the Provisional Article 2 of the		
Regulation on the Equity of Banks	_	
Excess amount arising from the net long positions of investments in common equity items of banks and		
financial institutions outside the scope of consolidation where the Bank owns 10% or more of the issued		
common share capital	_	
Excess amount arising from mortgage servicing rights	_	
Excess amount arising from deferred tax assets based on temporary differences	-	
Other items to be defined by the BRSA	4,825	-
Deductions to be made from common equity due to insufficient Additional Tier I Capital or Tier II Capital	,,,,,,	
Total Deductions From Common Equity Tier 1 Capital	107,397	
Total Common Equity Tier 1 Capital	1,638,088	

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

# **Explanations Related to Components of Shareholders' Equity (Continued)**

	Current Period	Amount related to treatment before 1/1/2014 <sup>(1)</sup>
ADDITIONAL TIER I CAPITAL	-	
Preferred Stock not Included in Common Equity and the Related Share Premiums	-	
Debt instruments and premiums approved by BRSA	-	
Debt instruments and premiums approved by BRSA(Temporary Article 4)	-	
Additional Tier I Capital before Deductions	-	
Deductions from Additional Tier I Capital	-	
Direct and indirect investments of the Bank in its own Additional Tier I Capital	-	
Investments of Bank to Banks that invest in Bank's additional equity and components of equity		
issued by financial institutions with compatible with Article 7.	-	
Total of Net Long Positions of the Investments in Equity Items of Unconsolidated Banks and		
Financial Institutions where the Bank Owns 10% or less of the Issued Share Capital Exceeding the		
10% Threshold of above Tier I Capital	-	
The Total of Net Long Position of the Direct or Indirect Investments in Additional Tier I Capital of		
Unconsolidated Banks and Financial Institutions where the Bank Owns more than 10% of the		
Issued Share Capital	-	
Other items to be defined by the BRSA (-)	-	
Transition from the Core Capital to Continue to deduce Components	-	
Goodwill and other intangible assets and related deferred tax liabilities which will not deducted	-	
from Common Equity Tier 1 capital for the purposes of the first sub-paragraph of the Provisional		
Article 2 of the Regulation on Banks' Own Funds (-)		
Net deferred tax asset/liability which is not deducted from Common Equity Tier 1 capital for the	-	
purposes of the sub-paragraph of the Provisional Article 2 of the Regulation on Banks' Own Funds		
(-)		
Deductions to be made from common equity in the case that adequate Additional Tier I Capital or	-	
Tier II Capital is not available (-)		
Total Deductions From Additional Tier I Capital	-	
Total Additional Tier I Capital	-	
Total Tier I Capital (Tier I Capital=Common Equity Tier 1 Capital+Additional Tier I		
Capital)	1,638,088	
TIER II CAPITAL		
Debt instruments and share issue premiums deemed suitable by the BRSA	-	
Debt instruments and share issue premiums deemed suitable by BRSA (Temporary Article 4)	-	
Debt instruments and share issue premiums deemed suitable by the BRSA	-	
Tier II Capital Before Deductions	-	
Deductions From Tier II Capital	-	
Direct and indirect investments of the Bank on its own Tier II Capital (-)	-	
Investments of Bank to Banks that invest on Bank's Tier 2 and components of equity issued by		
financial institutions with the conditions	-	
Portion of the total of net long positions of investments made in equity items of banks and financial		
institutions outside the scope of consolidation where the Bank owns 10% or less of the issued		
common share capital exceeding 10% of Common Equity of the Bank (-)	-	
Portion of the total of net long positions of investments made in Additional Tier I Capital item of		
banks and financial institutions outside the scope of consolidation where the Bank owns 10% or		
more of the issued common share capital exceeding 10% of Common Equity of the Bank	-	
Other items to be defined by the BRSA (-)	-	
Total Deductions from Tier II Capital	-	
Total Tier II Capital	-	

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

# **Explanations Related to Components of Shareholders' Equity (Continued)**

	Current Period	Amount related to treatment before 1/1/2014 <sup>(1)</sup>
Total Capital (The sum of Tier I Capital and Tier II Capital)	1,638,088	
Deductions from Total Capital	1,638,088	
Deductions from Capital Loans granted contrary to the 50th and 51th Article of the Law	-	
Net Book Values of Movables and Immovables Exceeding the Limit Defined in the Article 57, Clause 1		
of the Banking Law and the Assets Acquired against Overdue Receivables and Held for Sale but		
Retained more than Three Years	-	
Other items to be defined by the BRSA	-	
In transition from Total Core Capital and Supplementary Capital (the capital) to Continue to Download Components	-	
The Sum of net long positions of investments (the portion which exceeds the 10% of Banks Common		
Equity) in the capital of banking, financial and insurance entities that are outside the scope of regulatory		
consolidation, where the bank does not own more than 10% of the issued common share capital of the		
entity which will not deducted from Common Equity Tier 1 capital, Additional Tier 1 capital, Tier 2		
capital for the purposes of the first sub-paragraph of the Provisional Article 2 of the Regulation on		
Banks' Own Funds	-	
The Sum of net long positions of investments in the Additional Tier 1 capital and Tier 2 capital of		
banking, financial and insurance entities that are outside the scope of regulatory consolidation, where		
the bank does not own more than 10% of the issued common share capital of the entity which will not deducted from Common Equity Tier 1 capital, Additional Tier 1 capital, Tier 2 capital for the purposes		
of the first sub-paragraph of the Provisional Article 2 of the Regulation on Banks' Own Funds		
The Sum of net long positions of investments in the common stock of banking, financial and insurance	-	
entities that are outside the scope of regulatory consolidation, where the bank does not own more than		
10% of the issued common share capital of the entity, mortgage servicing rights, deferred tax assets		
arising from temporary differences which will not deducted from Common Equity Tier 1 capital for the		
purposes of the first sub-paragraph of the Provisional Article 2 of the Regulation on Banks' Own Funds	_	
TOTAL CAPITAL		
Total Capital (The sum of Tier I Capital and Tier II Capital)	1.638.088	
Total risk weighted amounts	8,382,861	
CAPITAL ADEQUACY RATIOS	-,,	
Core Capital Adequacy Ratio (%)	%19.54	
Tier 1 Capital Adequacy Ratio (%)	%19.54	
Capital Adequacy Ratio (%)	%19.54	
BUFFERS		
Bank specific total Common Equity Tier 1 Capital requirement (%)	1.875	
a) Capital conservation buffer requirement (%)	1.875	
b) Bank specific counter-cyclical buffer requirement (%)	-	
c)Systemic significant bank buffer ratio	-	
The ratio of Additional Common Equity Tier 1 capital which will be calculated by the first paragraph of		
the Article 4 of Regulation on Capital Conservation and Countercyclical Capital buffers to Risk		
Weighted Assets (%)		
Amounts below the Excess Limits as per the Deduction Principles  Portion of the total of net long positions of investments in equity items of unconsolidated banks and		
financial institutions where the bank owns 10% or less of the issued share capital exceeding the 10%		
threshold of above Tier I capital	_	
Portion of the total of investments in equity items of unconsolidated banks and financial institutions		
where the bank owns 10% or less of the issued share capital exceeding the 10% threshold of above Tier		
I capital	_	
Remaining Mortgage Servicing Rights	_	
Amount arising from deferred tax assets based on temporary differences	_	
Limits related to provisions considered in Tier II calculation		
General provisions for standard based receivables (before tenthousandtwentyfive limitation)	-	
Up to 1.25% of total risk-weighted amount of general reserves for receivables where the standard		
approach used	-	
Excess amount of total provision amount to credit risk Amount of the Internal Ratings Based Approach		
in accordance with the Communiqué on the Calculation	-	
Excess amount of total provision amount to 0.6% of risk weighted receivables of credit risk Amount of		
the Internal Ratings Based Approach in accordance with the Communiqué on the Calculation	-	
Debt instruments subjected to Article 4		
(to be implemented between 1 January 2018 and 1 January 2022)		
Upper limit for Additional Tier I Capital subjected to temporary Article 4	-	
Amounts Excess the Limits of Additional Tier I Capital subjected to temporary Article 4 Upper limit for Additional Tier II Capital subjected to temporary Article 4	-	
Amounts Excess the Limits of Additional Tier II Capital subjected to temporary Article 4	-	
Amounts Dates the Dilints of Auditional Tiel it Capital Subjected to temporary Article 4		

<sup>(1) &</sup>quot;The amounts to be taken into account at the end of the transition period are shown for the items subject to the transition provisions under the Provisional Articles of the "Regulation on Shareholders' Equity of Banks".

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

# **Explanations Related to Components of Shareholders' Equity (Continued)**

		Amount related to treatment before
	Prior Period	1/1/2014 <sup>(1)</sup>
Common Equity Tier 1 Capital		
Paid-in Capital to be Entitled for Compensation after All Creditors	600,000	
Share Premium	33,019	
Reserves	333,462	
Gains Recognized in Equity as per TAS	_	
Profit	279,781	
Current Period Profit	276,371	
Prior Period Profit	3,410	
Bonus Shares from Associates, Subsidiaries and Joint-Ventures not Accounted in Current Period's Profit	-	
Common Equity Tier 1 Capital Before Deductions	1,246,262	
Deductions from Common Equity Tier 1 Capital	-,,	
Valuation adjustments calculated as per the (i) item of first paragraph of Article 9 of the Regulation on Bank		
Capital	_	
Current and Prior Periods' Losses not Covered by Reserves, and Losses Accounted under Equity according to TAS		
(-)	_	
Leasehold Improvements on Operational Leases	80	
Goodwill netted off deferred tax liability	-	
Other intangible assets netted off deferred tax liabilities except mortgage servicing rights	78,476	98.095
Deferred tax assets that rely on future profitability excluding those arising from temporary differences net of	70,170	70,075
related tax liability	_	
Differences are not recognized at the fair value of assets and liabilities subject to hedge of cash flow risk	_	
Communiqué Related to Principles of the amount credit risk calculated with the Internal Ratings Based Approach,		
total expected loss amount exceeds the total provision	_	
Gains arising from securitization transactions	_	
Unrealized gains and losses due to changes in own credit risk on fair value of Bank's liabilities	_	
Net amount of defined-benefit plan assets	_	
Direct and indirect investments of the Bank in its own Tier 1 Capital	_	
Excess amount expressed in the law Article 56 4th paragraph	_	
Investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory		
consolidation, net of eligible long positions, where the bank does not own more than 10% of the issued share		
capital amount above 10% threshold	_	
Significant investments in the common stock of banking, financial and insurance entities that are outside the scope	-	
of regulatory consolidation, net of eligible long positions amount above 10% threshold of Tier 1 Capital	_	
Mortgage servicing rights amount above 10% threshold of Tier 1 Capital		
Deferred tax assets arising from temporary differences amount above 10% threshold, net of related tax liability	_	
Amounts exceeding 15% of Tier 1 Capital according to Regulation on Measurement and Assessment of Capital	_	
Adequacy Ratios of Banks 2nd article temporary second paragraph	_	
Investments in the capital of banking, financial and insurance entities that are outside the scope of	_	
regulatory consolidation, net of eligible long positions, where the bank does not own more than 10% of the issued		
common share capital of the entity amount above 10% threshold		
Amounts related to mortgage servicing rights	_	
Excess amount of deferred tax assets from temporary differences	-	
Other Items Determined by BRSA	3,860	
Deductions to be made from common equity due to insufficient Additional Tier I Capital or Tier II Capital	5,000	
Total Deductions from Common Equity Tier 1 Capital  Total Deductions from Common Equity Tier 1 Capital	82,416	
Total Common Equity Tier 1 Capital	1,163,846	
тога Сошнол Едину 11ег г Сариаг	1,103,840	

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

# **Explanations Related to Components of Shareholders' Equity (Continued)**

		Amount related
	Prior Period	to treatment before 1/1/2014 <sup>(1)</sup>
Additional Tier 1 Capital	- Tiloi Feriou	Delote 1/1/2014
Preferred Stock not Included in Common Equity and the Related Share Premiums	_	
Debt instruments and premiums approved by BRSA	_	
Debt instruments and premiums approved by BRSA(Temporary Article 4)	_	
Additional Tier 1 Capital before deductions	-	
Deductions from Additional Tier 1 Capital	_	
Bank's direct or indirect investment on its own Tier 1 Capital	_	
Investments in equity instruments issued by banks or financial institutions invested in Bank's additional Tier I		
Capital which are compatible with the article 7 of the regulation	_	
Total of Net Long Positions of the Investments in Equity Items of Unconsolidated Banks and Financial		
Institutions where the Bank Owns 10% or less of the Issued Share Capital Exceeding the 10%		
Threshold of Common Equity Tier 1 Capital	_	
The Total of Net Long Position of the Direct or Indirect Investments in Additional Tier 1 Capital of		
Unconsolidated Banks and Financial Institutions where the Bank Owns more than 10% of the Issued		
Share Capital	_	
Other Items Determined by BRSA	_	
Items to be deducted from Tier I Capital during the Transition Period	-	
Goodwill and other intangible assets and related deferred tax liabilities which will not deducted from Common		
Equity Tier 1 capital for the purposes of the first sub-paragraph of the Provisional Article 2 of the Regulation on		
Bank Capital (-)	19,619	
Net deferred tax asset/liability which is not deducted from Common Equity Tier 1 capital for the purposes of the	.,	
sub-paragraph of the Provisional Article 2 of the Regulation on Bank Capital (-)	-	
The amount to be deducted from Additional Tier 1 Capital (-)	-	
Total Deductions from Additional Tier 1 Capital	19,619	
Total Additional Tier 1 Capital	19,619	
Total Tier 1 Capital (Tier 1 Capital=Common Equity+Additional Tier 1 Capital)	1,144,227	
Tier 2 Capital	-	
Debt instruments and premiums approved by BRSA	-	
Debt instruments and premiums approved by BRSA(Temporary Article 4)	_	
Provisions (Amounts stated in the first paragraph of the article 8 of the Regulation on the Bank Capital)	48,139	
Tier 2 Capital Before Deductions	48,139	
Deductions From Tier 2 Capital	-	
Bank's direct or indirect investment on its own Tier 2 Capital (-)	-	
Investments in equity instruments issued by banks and financial institutions invested in Bank's Tier II Capital		
which are compatible with Article 8 of the regulation	-	
Total of Net Long Positions of the Investments in Equity Items of Unconsolidated Banks and Financial		
Institutions where the Bank Owns 10% or less of the Issued Share Capital Exceeding the 10%		
Threshold of Common Equity Tier 1 Capital (-)	-	
The Total of Net Long Position of the Direct or Indirect Investments in Additional Core Capital and		
Tier 2 Capital of Unconsolidated Banks and Financial Institutions where the Bank Owns 10% or more of the		
Issued Share Capital Exceeding the 10% Threshold of Tier 1 Capital	-	
Other Items Determined by BRSA (-)	965	
Total Deductions From Tier 2 Capital	965	
Total Tier 2 Capital	47,174	

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

# **Explanations Related to Components of Shareholders' Equity (Continued)**

	Prior Period	Amount related to treatment before 1/1/2014 <sup>(1)</sup>
Total Capital (The sum of Tier 1 and Tier 2 Capital)	1,191,401	1/1/2014
The sum of Tier 1 Capital and Tier 2 Capital (Total Capital)	1,191,401	
Loan granted to Customer against the Articles 50 and 51 of the Banking Law	1,171,401	
Net Book Values of Immovables Exceeding 50% of the Equity and of Assets Acquired against Overdue	-	
Receivables and Held for Sale as per the Article 57 of the Banking Law but Retained More Than Five Years	_	
Other items to be defined by the BRSA		
Items to be deducted from the sum of Tier I and Tier II Capital ("Capital") during the Transition Period		
Portion of the total of net long positions of investments made in Common Equity items of banks and financial		
institutions outside the scope of consolidation where the Bank owns 10% or less of the issued common share capital		
exceeding 10% of Common Equity of the Bank not to be deducted from the Common Equity, Additional Tier 1		
Capital, Tier 2 Capital as per the 1st clause of the Provisional Article 2 of the Regulation on the Equity of Banks	_	
Portion of the total of net long positions of direct or indirect investments made in Additional Tier 1 and Tier 2		
Capital items of banks and financial institutions outside the scope of consolidation where the Bank owns 10% or		
more of the issued common share capital exceeding 10% of Common Equity of the Bank not to be deducted from		
the Additional Tier 1 Capital and Tier 2 Capital as per the 1st clause of the Provisional Article 2 of the Regulation		
on the Equity of Banks	_	
Portion of the total of net long positions of investments made in Common Equity items of banks and financial		
institutions outside the scope of consolidation where the Bank owns 10% or more of the issued common share		
capital, deferred tax assets based on temporary differences and mortgage servicing rights not deducted from		
Common Equity as per the 1st and 2nd Paragraph of the 2nd clause of the Provisional Article 2 of the Regulation		
on the Equity of Banks	_	
Total Capital	1,191,401	
Total Capital (Sum of Tier 1 and Additional Tier1)	1,191,401	
Total Risk Weighted Assets	7,825,093	
Capital Adequacy Ratios		
Common Equity Tier 1 Capital Adequacy Ratio (%)	14.87	
Tier 1 Capital Adequacy Ratio (%)	14.62	
Capital Adequacy Ratio (%)	15.23	
Buffers	-	
Total buffer requirement (a+b+c)	1.250	
a) Capital conservation buffer requirement (%)	1.250	
b) Bank specific counter-cyclical buffer requirement (%)	-	
c) Systemically important banks buffer ratio (%)		
The ratio of Additional Common Equity Tier 1 capital to Risk Weighted Assets calculated based on the first		
paragraph of the Article 4 of Regulation on Capital Conservation and Countercyclical Capital buffers (%)	-	
Amounts below the Excess Limits as per the Deduction Principles	-	
Amounts arising from the net long positions of investments made in Total Capital items of banks and financial		
institutions where the Bank owns 10% or less of the issued common share capital	-	
Amounts arising from the net long positions of investments made in Tier 1 Capital items of banks and financial		
institutions where the Bank owns 10% or more of the issued common share capital	-	
Mortgage servicing rights	-	
Deferred tax assets arising from temporary differences (net of related tax liability)	-	
Limits related to provisions considered in Tier 2 Calculation	-	
General provisions for standard based receivables (before ten thousand twenty five limitation)	48,139	
Up to 1.25% of total risk-weighted amount of general reserves for receivables where the standard approach used	48,139	
Excess amount of total provision amount to credit risk Amount of the Internal Ratings Based Approach in		
accordance with the Communiqué on the Calculation	-	
Excess amount of total provision amount to 0.6% of risk weighted receivables of credit risk Amount of the		
Internal Ratings Based Approach in accordance with the Communiqué on the Calculation	-	
Debt instruments subjected to Article 4 (to be implemented between 1 January 2018 and 1 January 2022)	-	
Upper limit for Additional Tier 1 Capital subjected to temporary Article 4	-	
Amounts Excess the Limits of Additional Tier 1 Capital subjected to temporary Article 4	-	
Upper limit for Additional Tier 2 Capital subjected to temporary Article 4	-	
Amounts Excess the Limits of Additional Tier 2 Capital subjected to temporary Article 4	-	

<sup>(1)</sup> The amounts to be taken into account at the end of the transition period are shown for the items subject to the transition provisions under the Provisional Articles of the "Regulation on Shareholders' Equity of Banks".

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

#### **Explanations Related to Components of Shareholders' Equity (Continued)**

Informations on addition debt instruments to shareholders' equity calculating:

None

I.

### Explanations on reconciliation of balance sheet items with equity items:

The main difference between the amount of "Equity" given in the equity table and the amount of "Equities" in balance sheet arising from loans classified under stage I and stage II. The portion of the stage 1 and stage 2 provisions up to 1.25% of the amount subject to credit risk is considered as Additional Capital in the calculation of the "Equity" amount given in the equity table. Operating lease development costs, intangible assets and related deferred tax liabilities that are accounted for under Property, Plant and Equipment are considered in the calculation as "Assets Deducted from Capital" in the calculation of "Equity" amount.

# Information on applied approaches in order to evaluate internal capital adequacy within the scope of internal capital adequacy evaluation of internal capital requirement in terms of future and current activities:

The evaluation period for internal capital adequacy in the Bank has been designed within in accordance with the principle of proportionality and is consistent with the Guidelines on ISEDES Report and Guidelines on Stress Tests To Be Used By Banks For Capital and Liquidity Planning which is published by the Banking Regulation and Supervision Agency, and with the Regulation on Internal Systems of Banks and Internal Capital Adequacy Assessment Process (ISEDES) which entered into effect upon being published in Official Gazette No. 29057 dated 11 July 2014.

The Bank is in compliance with the said regulation and good practice guidelines in line with its small-scale structure, task environment, and requirements. In accordance with ISEDES, it is aimed for the Bank to internally determine a level of capital which covers the risks it has faced or is likely to face and to continue its operations with capital above that level. Maximum attention is paid to the ISEDES processes so that they are implemented with a long-term view and are risk focused, internalized within the Bank and that its consequences are used in the decision-making process.

Evaluations of the Bank's capital and liquidity adequacy are done from a risk-based perspective, considering the strategic plan, three-year budget projections, bank policies on capital adequacy, liquidity and funding, risk measurement outcomes for risks that the company is exposed to, ISEDES and stress test reports. Within this scope, activities performed and services provided by the Bank are considered. The Bank determines its capital level in such a way that it is above the minimum level and legal ratios required by the legal regulations of the Banking Regulation and Supervision Agency, and so that it is able to continue all its operations. Also, scenario analyses, and particular, plenary, and reverse-stress tests are done in order to measure the effects of parameters that affect the financial power of the Bank at the capital level. In addition, via sensitivity analyses, primary and secondary structural block risks that the Bank is exposed to are determined within the scope of the proportionality principle.

The Bank takes stress tests, scenario analyses, risk appetites, the capital plan, the strategic plan and budget, the emergency and unexpected situation action plan for various risks, and other issues deemed necessary into consideration, and calculates and establishes a capital planning buffer, which is designed to prevent the capital adequacy level from becoming lower than the internal and legal minimum capital adequacy over the next three years as a result of possible negative situations and losses. The capital planning buffer is determined by considering worst case scenarios. Whether the current capital adequacy rates of the Bank are above the internal capital adequacy rate calculated in the scope of the stress test and described as the target ratio is evaluated and the internal capital buffer is calculated.

According to the "Regulation on Internal Systems and the Internal Capital Adequacy Assessment Process of Banks", the ISEDES report and the Stress Test report are prepared annually with the participation of all relevant units of the Bank and the coordination of the Risk Management Unit. These reports are approved by the Board of Management or the Bank after being examined.

The senior management of the Bank and members of the Board of Management are jointly responsible for designing ISEDES and its implementation within the Bank. All units of the Bank execute their duties, authorities, and responsibilities which are within the scope of ISEDES in accordance with their own regulations. The inspection report regarding the data, systems, and processes is prepared by the Internal Audit Unit, and the validation report regarding the models and/or methods that are used for risk measurement within the scope of the internal capital adequacy calculation is prepared by the Internal Control and Compliance Unit.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

#### II. Explanations Related to Credit Risk

The Board of Management is responsible for Bank operations performed within the scope of credit risk management and these operations are performed in compliance with the "Regulation on Internal Systems and the Internal Capital Adequacy Assessment Process of Banks" and the "Regulation on Measuring and Reviewing Capital Adequacy of Banks". When calculating capital adequacy rates, the amount which is taken as a basis for credit risk and which is calculated via a standard method is considered.

The Bank also calculates counterparty credit risk for banking accounts due to reverse-repo transactions, and these amounts are taken into consideration in the amount used as a basis for credit risk.

The debtors of the cash and non-cash loans extended by the Bank are financial sector companies.

Credit limits are categorised according to the Bank's credit types. The assigned credit limits are determined for cash and non-cash by taking the credit types into consideration. Loans provided are further classified as having (1-12) month, (12-24) month, or (24+) month maturity. In addition, the maturity of the cash loans provided are maximum six months and there are frequent financial futures between 30-40 days. Loans provided by the Bank provides efficiency and convenience in capital market transactions, helps intermediary institutions benefit from barter debts through timely/early clearing of debts, and helps markets gains more depth. Since payments and collections are secured by the Bank in the Takasbank money market, which is similar to an interbank money market, these transactions are followed under non-cash loan items.

The Bank operates as a central counterparty in the Securities Lending Market, the Futures and Options Market, Borsa İstanbul Equity Market, Borsa İstanbul Debt Securities Market and BİAŞ Swap Market, Borsa Istanbul Money Market and the liabilities in the related markets are also non-cash loans in terms of the Bank.

Credit transactions bear credit risk. This risk can be defined as the possibility that the members and guarantors who use the credit do not fulfil the liabilities defined in agreements and that they have undertaken beforehand in written form.

The risk limits and allocations determined for daily transactions and concentrations related to off-balance sheet risks are monitored daily.

The credit worthiness of borrowers is monitored regularly in accordance with the related legislation. Independently audited financial statements of the borrowers prepared as per the regulation of Capital Markets Board are examined for the loans extended. The credit limits are amended according to the financial positions of the companies and collaterals against loans are taken in accordance with the application principles for lending operations. After the financial analysis, investigation and other examinations performed on the companies applying for loans, loan limits are proposed to the Board of Directors for approval. Loan limits become effective after approved by the Board of Directors. Limit change requests are revised on a six monthly basis unless substantive changes occur in the financial positions of customers.

The Bank has not been exposed to credit risk since the risk is minimized by receiving collaterals and determining loan limits according to the financial strength of the companies. Therefore, in the short term, there is no specific need to enter into any transaction to decrease or terminate its credit exposure.

The Bank has no liquidated non-cash loans, restructured loans or long-term commitments.

The Bank has no lending and banking transactions in foreign countries.

The Bank calculates general provisions for credit risk and receives cash and/or cash equivalent collaterals.

As of the balance sheet date:

Number of cash loan customer	4	Loans
Number of non cash loan customers	163	Loans
Amount of general provisions for credit risks	20	TL
Amount of specific provisions for credits under follow-up	1,574	TL

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

# II. Explanations Related to Credit Risk (Continued)

Total amount of incurred risks after offsetting transactions (before credit risk reduction), regardless of the credit risk reduction (deducting from provisions), and average amount of risks separated according to different risk classes and types for the related period:

	Current Period Risk	Average Risk
Risk Classifications	Amount	Amount
Contingent and Non-Contingent Receivables from Central Governments and Central Banks	1,656,593	1,026,388
Contingent and Non-Contingent Receivables from Regional Governments and Local Authorities	-	-
Contingent and Non-Contingent Receivables from Administrative Units and Non-commercial		
Enterprises	-	-
Contingent and Non-Contingent Receivables from Multilateral Development Banks	-	-
Contingent and Non-Contingent Receivables from International Organizations	-	-
Contingent and Non-Contingent Receivables from Banks and Financial Intermediaries	18,173,492	19,919,547
Contingent and Non-Contingent Corporate Receivables	8,907,698	8,935,796
Contingent and Non-Contingent Retail Receivables	-	-
Contingent and Non-Contingent Receivables Secured by Residential Property	-	-
Past Due Loans	-	-
Higher-Risk Receivables Defined by BRSA	-	-
Marketable Securities Collateralized Mortgages	-	-
Securitization Exposures	-	-
Short-Term Receivables from Banks and Corporate	-	-
Other Receivables	244,473	223,980

	Prior Period Risk	Average Risk
Risk Classifications	Amount	Amount
Contingent and Non-Contingent Receivables from Central Governments and Central Banks	884,463	437,634
Contingent and Non-Contingent Receivables from Regional Governments and Local Authorities	-	-
Contingent and Non-Contingent Receivables from Administrative Units and Non-commercial		
Enterprises	-	-
Contingent and Non-Contingent Receivables from Multilateral Development Banks	-	-
Contingent and Non-Contingent Receivables from International Organizations	-	-
Contingent and Non-Contingent Receivables from Banks and Financial Intermediaries	19,191,056	17,822,788
Contingent and Non-Contingent Corporate Receivables	7,987,461	5,421,299
Contingent and Non-Contingent Retail Receivables	-	-
Contingent and Non-Contingent Receivables Secured by Residential Property	-	-
Past Due Loans	-	-
Higher-Risk Receivables Defined by BRSA	-	-
Marketable Securities Collateralized Mortgages	-	-
Securitization Exposures	-	-
Short-Term Receivables from Banks and Corporate	-	-
Other Receivables	386,334	356,092

CONVENIENCE TRANSLATION OF PUBLICLY ANNOUNCED UNCONSOLIDATED FINANCIAL STATEMENTS ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

## II. Explanations Related to Credit Risk (Continued)

Geographical distribution of risk amounts decomposed as part of significant risk group

							]	Risk Classificatio	n								
	Conditional	Conditional															
	and	and	Conditional and	Conditional		Conditional			Conditional			Exposures		Short term			
	unconditional	unconditiona	unconditional	and	Conditional	and			and			in the		exposures			
	exposures to	l exposures to		unconditiona	and	unconditional	Conditional	Conditional	unconditional		Receivable	form		to banks,	Exposures in		
	central	regional	administrative		unconditiona	exposures to	and	and	exposures		s defined in	bonds		brokerage	the form of		
	governments	governments	units and non-		l exposures to	banks and	unconditional	unconditional	secured by		high risk	secured		houses	collective		
	or central	or local	commercial	development	international	brokerage	exposures to	retail	real estate	Past due	category	by	Securitization	and	investment	Other	
	banks	authorities	enterprises	banks	organisations	houses	corporates	exposures	propery	receivables	by BRSA	mortgages	Positions	corporates	undertakings	Receivables	Total
Current Period																	
Domestic	1,656,593	-	-	_	-	18,079,936	8,907,698	-	-	-	-	-	-	-	-	244,473	28,888,700
European Union																	
Countries	_	_	_	_	_	77,234				-	-	-			_	-	77,234
OECD Countries(1)	-					,				-	-	-			_	-	,
Off-Shore Banking																	
Regions	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-	_
USA, Canada						16,322											16,322
Other Countries	_	_	_	-	-	10,322	-	_	_	-	_	-	-	-	-	_	10,322
Associates.	•	-	-	-	-	-	-	-	•	-	-	-	-	-	•	-	_
subsidiaries and																	
jointly controlled																	
partnership	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unallocated																	
Assets/Liabilities (2																	
,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1,656,593	-	-	-	-	18,173,492	8,907,698	-	-		-	-	-		-	244,473	28,982,256
Prior Period																	
Domestic	884,463	-	-	-	-	19,121,613	7,987,461	-	-	-	-	-	-	-	-	386,334	28,379,871
European Union																	
Countries	-	-	-	-	-	68,458	-	-	-	-	-	-	-	-	-	-	68,458
OECD Countries(1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-Shore Banking																	
Regions	-	-	-	-	-	_	-	-	-	-	-	_	-	_	-	_	-
USA, Canada	_	_	_	_	_	985	_	_	_	_	_	_	_	_	_	_	985
Other Countries			-					_		-		-		_		-	
Associates,																	
subsidiaries and																	
jointly controlled																	
partnership	_	_	_	_	_		_	_	_	_	_	_			_	_	_
Unallocated	•	-	-	-	•	-	-	-	•	-	-	-	-	-	•	-	_
Assets/Liabilities (2																	
)																	
•	-	-	-	-	-	-	-	-	-	•	-	-	-	•	-	•	-
Total	884,463				-	19,191,056	7,987,461	-		-	-	-				386,334	28,449,314

<sup>&</sup>lt;sup>(1)</sup>OECD Countries excluding European countries, USA and Canada

<sup>(2)</sup> Assets and liabilities that cannot be allocated on a consistent basis

# CONVENIENCE TRANSLATION OF PUBLICLY ANNOUNCED UNCONSOLIDATED FINANCIAL STATEMENTS ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

## **Explanations Related to Credit Risk (Continued)**

## Risk profile by sector or counterparties

II.

Conditional cond				Conditional														
Farming and Stockbreeding	_Current Period	and unconditional exposures to central governments or central	and unconditional exposures to regional governments or local	unconditional receivables from administrative units and non- commercial	and unconditional exposures to multilateral development	and unconditional exposures to International	and unconditional exposures to banks and brokerage	and unconditional exposures to	and unconditional retail	and unconditional exposures secured by real estate		defined in high risk category by	in the form of bonds secured by	similar to collective investment			FC	Total
Farming and Stockbreeding	Agriculture												-			-		-
Stockbreeding																		
Fishery Industry Mining and Quarry Manufacturing Electricity Gas and Water Construction Services Real Estate and Renal Services Real Estate and Renal Services Real Estate and Renal Services Real Estate and Renal Services Reflections Resides Resid		_		-			-	-	-	-	-		_	-	_	-	-	-
Fishery Industry Mining and Quarry Manufacturing Electricity. Gas and Water Construction Services  Real Estate and Renal Services  Real Estate and Renal Services  Educational Services  Frosesional Services  Educational Services  Foresions Real Estate and Renal Services  Educational Services  Foresions Services Foresional Social Services Foresional Social Services	Forestry	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mining and Quarry Manufacturing Electricity, Gas and Water Construction Services  18,173,492 8,907,698 22,477,855 4,603,335 27,081,190 Retail Trade Accommodation and Dining Transportation and Telecom Financial Institutions Real Estate and Retail Services Real Services Serv	Fishery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quarry Manufacturing Electricity, Gas and Water Construction Services - 18,173,492 8,907,698 - 22,477,855 4,603,335 27,081,190 Retail Trade Accommodation and Dining Transportation and Telecom Financial Institutions - 18,173,492 8,907,698 - 22,477,855 4,603,335 27,081,190 Retail Services Professional Services Financial Services Financial Retail Services Financial Financial Fina		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quarry Manufacturing Electricity, Gas and Water Construction Services - 18,173,492 8,907,698 - 22,477,855 4,603,335 27,081,190 Retail Trade Accommodation and Dining Transportation and Telecom Financial Institutions - 18,173,492 8,907,698 - 22,477,855 4,603,335 27,081,190 Retail Services Professional Services Financial Services Financial Retail Services Financial Financial Fina	Mining and																	
Electricity, Gas and Water Construction Services 18,173,492 8,907,698 22,477,855 4,603,335 27,081,190 Retail Trade Accommodation and Dining Accommodation and Telecom Financial Institutions Real Estate and Rental Services Professional Services Educational Services Educational Services  Fleath and Social Services  Fleath and Social Services  Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Social Services Fleath and Fleath	Quarry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas and Water Construction Services Ser		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction Services - 18,173,492 8,907,698 - 22,477,855 4,603,335 27,081,196 Wholesale and Retail Trade																		
Services		-	-		-	-	-	-	-	-	-	-	-	-	-		-	-
Wholesale and Retail Trade		-		-	-	-	-	-	-	-	-	-	-	-		-	-	-
Retail Trade Accommodation and Dining Transportation and Telecom Financial Institutions Retail Estate and Rental Services Services Services Health and Social Services Service		-	-	-	-	-	18,173,492	8,907,698	-	-	-	-	-	-	-	22,477,855	4,603,335	27,081,190
Accommodation and Dining  Transportation and Telecom a																		
and Dining Transportation and Telecom lead Telecom Financial Institutions Real Estate and Rental Services Financial Services Serv		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation and Telecom																		
and Telecom Financial  Institutions Real Estate and Rental Services Professional Services Ser		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financial Institutions																		
Institutions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Real Estate and Rental Services							40.450.400	0.00# 400										*** *** ***
Rental Services Professional Services Educational Services Health and Social Services		-	-	-	-	-	18,173,492	8,907,698	-	-	-	-	-	-	-	22,477,855	4,603,335	27,081,190
Professional         Services       -																		
Services     -     <		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-
Educational Services																		
Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Health and Social Services																		
Social Services		-	-	-	-	•	-	•	-	-	-	-	•	•	-	-	-	-
				_	_	_	_	_	_	_	_		_	_				
277,710 1,701,00		1.656.593	-	-	-	-	-	-	-	-	-	-	-	-	244.473	1.901.066	-	1.901.066
		1,000,075													2,./3	-,,,,,,,,,		1,,,,,,,,,,
Total 1,656,593 18,173,492 8,907,698 244,473 24,378,921 4,603,335 28,982,25	Total	1,656,593	-	-	-	-	18,173,492	8,907,698	-	-	_	-	-	-	244,473	24,378,921	4,603,335	28,982,256

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

# **Explanations Related to Credit Risk (Continued)**

Analysis of maturity-bearing exposures according to remaining maturities

			Term to Maturity	7	
Exposures Classifications-Current Period	1 Month	1-3 Months	3-6 Months	6-12 Months	Over 1 year
Conditional and unconditional exposures to central governments or central banks	1,656,593	-	-	-	-
Conditional and unconditional exposures to regional governments or local					
authorities	-	-	-	-	-
Conditional and unconditional receivables from administrative units and					
noncommercial enterprises	-	-	-	-	-
Conditional and unconditional exposures to multilateral development banks	-	-	-	-	-
Conditional and unconditional exposures to international organisations	-	-	-	-	-
Conditional and unconditional exposures to banks and brokerage houses	17,634,442	510,637	27,771	642	-
Conditional and unconditional exposures to corporates	6,116,101	1,928,513	863,084	-	-
Conditional and unconditional retail exposures	-	-	-	-	-
Conditional and unconditional exposures secured by real estate property	-	-	-	-	-
Past due receivables	-	-	-	-	-
Receivables defined in high risk category by BRSA	-	-	-	-	-
Exposures in the form of bonds secured by mortgages	-	-	-	-	-
Securitization Positions	-	-	-	-	-
Short term exposures and corporate exposures from banks and brokerage houses	-	-	-	-	-
Exposures in the form of collective investment undertakings	-	-	_	-	-
Other receivables	244,473	-	-	-	-
Total	25,651,609	2,439,150	890,855	642	-

#### Information about the risk exposure categories:

The credit rating of Banks, intermediary institutions and other financial institutions are inspected via the Takasbank Internal Credit Evaluation System and credit or position limits based on the maximum nominal limits or value at risk limits, which can be assigned within the scope of banking or central counterparty actions are determined. The membership types of banks and intermediary institutions which will perform the transaction in the market, or the capital market instruments that are provided by the central counterparty service, are also determined by this system.

There are no financial assets, the maturity or contract conditions of which are revised again (31 December 2017: None).

Details on the Bank's overdue depreciated financial assets are provided in the fifth chapter, first part, and footnote Note 5 of the report.

# **Exposures by risk weights:**

Risk Weights Current Period	0%	10%	20%	50%	75%	100%	150%	Deductions from Equity
Exposures before credit risk mitigation	652,724	-	20,722,037	7,313,082	-	294,413	_	_
Exposures after credit risk mitigation	2,777,571	_	18,599,962	7,310,310	-	294,413	-	

#### Informations in terms of major sectors and type of counterparties:

None.

II.

### Information related to impairment and loan loss provisions

	Opening	Charge	Provision		Closing
Current Period	Balance	for Period	Reversals	Other Adjustments	Balance
Specific Provisions	1,574	-	-	-	1,574
General Provisions	48,139	-	48,139	-	<u> </u>
·	<u> </u>	<u> </u>	•	•	

	Opening	Charge	Provision		Closing
Current Period	Balance	for Period	Reversals	Other Adjustments	Balance
Stage 1 provisions	-	-	-	-	-
Stage 2 provisions	-	-	46,602	(46,602)	-
Default (Stage 3/Specific provisions)	-	-	-	1,574	1,574

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

### III. Explanations Related to Market Risk

The Bank's market risk management operations are conducted in compliance with the "Regulation on Internal Systems and the Internal Capital Adequacy Assessment Process of Banks" and the "Regulation on Measuring and Reviewing Capital Adequacy of Banks" and within the scope of the responsibility of the Board of Directors.

In the in-balance sheet and off-balance sheet accounts, interest and currency risks that arise from the fluctuations of the positions held by the Bank in financial markets are measured. When calculating capital adequacy rates, the amount which is taken as a basis for market risk, which is calculated using the standard method shown in the table below, is taken into consideration.

### **Explanations related to market risk**

	Current Period	Prior Period
(I) Capital Requirement against General Market Risk - Standard Method	-	-
(II) Capital Requirement against Specific Risks - Standard Method	-	-
Capital requirement against Specific Risks of Securitisation Positions—Standard Method	-	-
(III) Capital Requirement against Currency Exchange Risk - Standard Method	1,275	807
(IV) Capital Requirement against Commodity Risks - Standard Method	-	-
(V) Capital Requirement against Exchange Risks - Standard Method	-	-
(VI) Capital Requirement against Market Risks of Options - Standard Method	-	-
(VII) Capital requirement against Counterparty Credit Risks - Standard Method	-	-
(VIII) Capital Requirement against Market Risks of Banks applying Risk Measurement Model	-	-
(IX) Total Capital Requirement against Market Risk (I+II+III+IV+V+VI+VII)	1,275	807
(X) Amount Subject to Market Risk (12,5 x VIII) or (12,5 x IX)	15,938	10,088

	C	urrent Period			Prior Period	
	Average	Maximum	Minimum	Average	Maximum	Minimum
Interest rate risk				4	8	
Equity risk	-	-	-	-	-	-
Foreign exchange risk	1,427	2,374	763	933	1,516	463
Commodity risk	<del>-</del>	-	-	-	-	-
Swap risk	_	-	-	-	-	-
Option risk	_	-	-	-	-	-
Counterparty credit risk	-	-	-	-	-	-
Total Value at Risk	1,427	2,374	763	937	1,524	463

### Information on counterparty credit risk:

Bank has no counterparty credit risk for purchase and sell accounts as of 31 December 2018 (31 December 2017: None).

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

### **Explanations Related to the Operational Risk**

IV.

The Bank's market operational risk management activities are conducted in compliance with the "Regulation on Internal Systems and the Internal Capital Adequacy Assessment Process of Banks" and the "Regulation on Measuring and Reviewing the Capital Adequacy of Banks" and within the scope of the responsibility of the Board of Directors. When calculating the capital adequacy rates, the amount which is taken as a basis for operational risk is calculated using the basic indicator approach method Balance subject to operational risk is calculated by considering gross income of prior three fiscal years 2018, 2017 and 2016. The amount subject to Operational Risk for the current period is TL 993,119 (31 December 2017: TL 697,363).

- a) Operational risk amount is measured by basic indicator approach on a yearly basis.
- b) In case of basic indicator approach is used, information in below table should be used:

<b>Current Period</b>	31 December 2015	31 December 2016	31 December 2017	Total / Total number of years	Rate (%)	Total
Gross Income Amount subject to operational risk (Total*12.5)	360,185	470,222	758,583	529,663	15	79,450 993,119

	31 December	31 December	31 December	Total / Total	Rate	
Current Period	2015	2016	2017	number of years	(%)	Total
Gross Income	285,373	360,185	470,222	371,927	15	55,789
Amount subject to operational						
risk (Total*12.5)						697,363

- c) The Bank is not using standard method.
- d) The Bank is not using alternative execution in standard method.
- e) The Bank is not using advanced measurement method.

### V. Explanations Related to Currency Risk

The Bank is subject to the reserve requirements in relation to the foreign currency guarantees received for the Stock Exchange Money Market, Derivatives Market, Precious Metals and Diamonds Market, BİAŞ Money Market, BİST Share Market, BİST Debt Instruments Market, BİAŞ Swap Market, collaterals obtained for cash loans and non-cash loans and foreign currency amounts deposited in the Bank's accounts as guarantee and the foreign currency amounts left in the unrestricted accounts of customers consisting of banks and brokerage firms except the foreign settlement transaction commissions and foreign currency amounts kept for its own transactions in accordance with the agreements made in foreign currencies. Therefore, the Bank performs its obligations in two-weekly periods in ratios designated in blocked accounts of the Central Bank of Turkey. The foreign currency amounts, kept due to the reserve requirements, are creating an excess amount of assets with regard to the ratio of assets to liabilities.

The Bank calculated foreign exchange assets of TL 15,953 (31 December 2017: TL 10,086) of assets the net position between assets and liabilities in foreign currency, and recognised it in the amount basis to market risk.

Recognizing FX transactions of the Bank, the risk management policy that is also regarded in TL transactions is used and asset liability is managed so as not to be exposed to foreign exchange risk in transactions that affect FX assets and liabilities.

The Bank's foreign CBRT exchange bid rates as of the date of the financial statements and five working days prior to that date:

Current Period	1 USD	1 EUR	1 GBP	100 JPY
Current exchange purchase rate on balance sheet day	5.2609	6.0280	6.6528	4.7547
Exchange purchase rate on 1st business day	5.2889	6.0245	6.6761	4.7579
Exchange purchase rate on 2 <sup>nd</sup> business day	5.2832	6.0185	6.6954	4.7690
Exchange purchase rate on 3 <sup>rd</sup> business day	5.3034	6.0419	6.7245	4.7973
Exchange purchase rate on 4th business day	5.2926	6.0291	6.6877	4.7538
Exchange purchase rate on 5 <sup>th</sup> business day	5.2746	6.0342	6.6718	4.7311
Simple arithmetic averages for last 31 days	5.3061	6.0387	6.7158	4.7125

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

# **Explanations Related to Currency Risk (Continued)**

V.

## Information on the foreign currency risk of the Bank:

Current Period	EURO	USD	Other	Total
Assets				
Cash (cash in vault, effectives, cash in transit, cheques purchased)				
and balances with the Central Bank of the Republic of Turkey	-	78,914	-	78,914
Banks	1,796,175	2,721,291	4,788	4,522,254
Financial assets at fair value through profit and loss	-	-	_	-
Money market placements	_	-	-	-
Financial assets at fair value through other comprehensive				
income	661	-	-	661
Loans	_	-	-	-
Investments in associates, subsidiaries and joint ventures	_	-	-	-
Financial assets measured at amortised cost	_	-	-	-
Hedging derivative financial assets	-	-	-	-
Tangible assets	-	-	-	-
Intangible assets	_	_	-	_
Other assets	115	1,391	_	1,506
Total assets	1,796,951	2,801,596	4,788	4,603,335
		,	,	
Liabilities				
Bank deposits	-	-	-	-
Foreign currency deposits	-	-	-	-
Money market funds	-	-	-	-
Funds provided from other financial institutions	1,109,156	1,663,301	-	2,772,457
Securities issued	-	-	-	-
Funds	684,376	1,126,779	3,788	1,814,943
Total liabilities	1,793,532	2,790,080	3,788	4,587,400
Net balance sheet position	, ,	, , , , , , , ,	-,	<u> </u>
	3,419	11,516	1,000	15,935
Net off-balance sheet position		-		-
Financial derivative assets	_	_	_	
Financial derivative liabilities	_		_	_
Non-cash loans	_	_	_	_
TVOII-Cusii Iouris				
Prior period				
Total assets	1,970,032	2,469,478	8,271	4,447,781
Total liabilities	1,968,257	2,461,690	7,748	4,437,695
Net balance sheet position	1,775	7,788	523	10,086
recomme succe position	1,773	7,700	343	10,000
Net off-balance sheet position	-	-	-	_
Financial derivative assets	-	-	-	-
Financial derivative liabilities	-	-	-	-
Non-cash loans	-	-	-	-

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

### **Explanations Related to Currency Risk (Continued)**

Information on the foreign currency risk of the Bank (continued)

#### Exposure to currency rate risk

V.

The Bank is mainly exposed to currency risk in EUR, USD and other currencies. The following table shows the Bank's sensitivity to the 10% increase and decrease in the related currencies. The relevant rate indicates the possible change in the exchange rate of the Bank's management.

This analysis is based on the assumption that all other variables, especially interest rates, remain stable.

	Current Per	riod	Prior Period		
-	EUR	USD	EUR	USD	
Change in net asset value when the TL depreciated by 10% against the related FX	342	1,152	178	779	
Change in net asset value when the TL gains 10% against the related FX	(342)	(1,152)	(178)	(779)	

### VI. Explanations Related to Interest Rate Risk

Interest rate sensitivity of the assets, liabilities and off-balance sheet items are measured by the Bank.

Forecast results which have been formed using estimation-simulation reports are prepared and then the effects of fluctuations in interest rates are evaluated with sensitivity and scenario analyses. Cash requirement for every maturity period are determined based on maturity distribution analysis (Gap). In addition, a positive spread between the yield on assets and the cost of liabilities is kept while determining interest rates.

To evaluate its funding resources, the Bank enters into foreign currency and TL depot transactions, repurchase agreements, time and demand deposit transactions and foreign exchange transactions with the Central Bank of Turkey or other banks. The related transactions undertaken by the Fund Management Department are made with the banks having transaction limits designated by the Board of Directors under the regulations set out in "Treasury Transaction Limits".

Other than securities guaranteed or issued by the Ministry of Treasury and Finance, the Bank does not include any debt instruments in its portfolio during the year 2018. The Bank does not undertake any liability due to using derivative financial instruments attributable to its transactions in evaluating its funding resources.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

# **Explanations Related to Interest Rate Risk (Continued)**

VI.

Information related to the interest rate sensitivity of assets, liabilities and off-balance sheet items (based on repricing dates):

	Up to 1		3-12		5 Years and	Non- Interest	
31 December 2018	Month	1-3 Months	Months	Years	Over	Bearing <sup>(2)</sup>	Total
Assets							
Cash (cash in vault, effectives, cash in transit, cheques purchased) and	78,914					123	79,037
balances with the Central Bank of the Republic Turkey Banks	10,257,108	532,911	-	-	_	94,819	10,884,838
Financial assets at fair value through profit and loss	10,237,108	332,911		_	_	94,019	10,004,030
Money market placements	645,263					_	645,263
Financial assets at fair value through other comprehensive income	043,203			_	_	3,082	3,082
Loans	14,800	_	_	_	_	(20)	14,780
Financial assets measured at amortised cost	14,000	_	_	_	_	(20)	14,700
Other assets (1)	63	_	_		_	168,120	168,183
Total assets	10,996,148	532,911				266,124	11,795,183
2002 800000	10,550,110	002,711				200,121	11,:>0,100
Liabilities						-	-
Bank deposits	-	-	-	-	-	-	-
Other deposits	-	-	-	-	-	-	-
Money market funds	-	-	-	-	-	-	-
Miscellaneous payables	1,888,084	-	-	-	-	4,609,494	6,497,578
Marketable securities issued	-	-	-	-	-	-	-
Funds borrowed from other financial institutions	3,424,978	-	-	-	-	436	3,425,414
Other liabilities (1)	-	-	-	-	-	1,872,191	1,872,191
Total liabilities	5,313,062	-		-	-	6,482,121	11,795,183
Balance sheet long position	5,683,086	532,911	-	-	-	-	6,215,997
Balance sheet short position	-	-	-	-	-	(6,215,997)	(6,215,997)
Off-balance sheet long position	-	-	-	-	-	-	-
Off-balance sheet short position	-	-	-	-	-	-	-
Total position	5,683,086	532,911	-	-	-	(6,215,997)	

<sup>(1)</sup> Explanations of other assets and other liabilities are provided below.

<sup>(2)</sup> Expected credit loss provisions recognized under TFRS 9 are presented in the "Non interest bearing" column.

Other Assets	Current Year Balance
Intangible assets	102,497
Custody services commission rediscount	14,407
Tangible assets	11,847
Temporary accounts	11,493
Investment properties	9,187
Deferred tax asset	8,662
Sundry assets	5,171
Subsidiaries	4,825
Stationary supplies	94
Total	168,183
Other Liabilities	Current Year Balance
Shareholder's equity	1,745,485
Provisions	76,086
Current tax liability	50,620
Total	1,872,191

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

# VI. Explanations Related to Interest Rate Risk (Continued)

	Up to 1		3-12		5 Years	Non-Interest	
31 December 2017	Month	1-3 Months	Months	1-5 Years	and Over	Bearing	Total
Assets							
Cash (cash in vault, effectives, cash in transit, cheques							
purchased) and balances with the Central Bank of the							
Republic Turkey		-	-	-		480	480
Banks	9,159,396	933,919	-	-	-	70,169	10,163,484
Financial assets at fair value through profit and loss	-	-	-	-	-		-
Money market placements	20,833	-	-	-	-	-	20,833
Financial assets available-for-sale	-	-	-	-	-	1,832	1,832
Loans	198,856	-	-	-	-	-	198,856
Held-to-maturity investments	-	-	36,947	-	-	-	36,947
Other assets (1)	1	-	-	-	-	141,996	141,997
Total assets	9,379,086	933,919	36,947	-	-	214,477	10,564,429
Liabilities							
Bank deposits	-	-	-	-	-	-	-
Other deposits	-	-	-	-	-	-	-
Money market funds	34,737	-	-	-	-	-	34,737
Miscellaneous payables	3,090,414	-	-	-	-	2,880,204	5,970,618
Marketable securities issued	-	-	-	-	-	-	-
Funds borrowed from other financial institutions	3,185,696	-	-	-	-	18,888	3,204,584
Other liabilities (1)	-	-	1-1	-	-	1,354,490	1,354,490
Total liabilities	6,310,847	-	-	-	-	4,253,582	10,564,429
Balance sheet long position	3,068,239	933,919	36,947	_		_	4,039,105
Balance sheet short position	5,000,237	-	50,747	_	_	(4,039,105)	(4,039,105)
Off-balance sheet long position	_	_	_	_	_	(4,037,103)	(4,037,103)
Off-balance sheet short position	_	_	_	_	_	_	_
Net position	3,068,239	933,919	36,947	-	-	(4,039,105)	

 $<sup>(1) \ \</sup> Explanations \ of \ other \ assets \ and \ other \ liabilities \ are \ provided \ below.$ 

Current tax liability

Total

Other Assets	Prior Period Balance
Intangible assets	98,095
Custody services commission rediscount	9,906
Investment properties	9,495
Temporary accounts	8,304
Tangible assets	7,437
Subsidiaries	4,825
Sundry assets	3,881
Stationary supplies	53
Total	141,997
Other Liabilities	Prior Period Balance
Shareholder's equity	1,246,262
Provisions	82,062

26,166 **1,354,490** 

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş.

NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

# **Explanations Related to Interest Rate Risk (Continued)**

VI.

Average interest rates applied to monetary financial instruments (%):

Current Period End Balance	EUR	USD	JPY	TL
Assets				
Cash (cash in vault, foreign currency cash, money in transit, cheques				
purchased) and balances with the Central Bank of Turkey	-	2.50	-	-
Due from other banks	2.99	5.51	-	24.28
Financial assets at fair value through profit and loss	-	-	-	-
Money market placements	-	-	-	20.40
Financial assets at fair value through other comprehensive income	-	-	-	-
Loans	-	-	-	24.90
Financial assets measured at amortized cost	-	-	-	-
Liabilities				
Bank deposits	-	-	-	-
Other deposits	-	-	-	-
Money market borrowings	-	-	-	23.27
Securities issued	-	-	-	-
Funds borrowed	0.12	2.40	-	23.40

Prior Period End Balance	EUR	USD	JPY	TL
Assets				
Cash (cash in vault, foreign currency cash, money in transit, cheques				
purchased) and balances with the Central Bank of Turkey	-	-	-	-
Due from other banks	2.47	4.42	-	13.22
Financial assets at fair value through profit and loss	-	-	-	-
Money market placements	-	-	-	10.43
Financial assets available-for-sale	-	-	-	-
Loans	-	-	-	13.17
Held-to-maturity investments	-	-	-	11.63
Liabilities	-	-	-	-
Bank deposits	-	-	-	-
Other deposits	-	-	-	-
Money market borrowings	-	-	-	12.75
Other creditors	-	-	-	12.27
Securities issued	-	-	-	-
Funds provided from other financial institutions	0.03	1.66	-	11.82

# Interest rate risk on banking accounts:

T. 6.C.	Shock Applied	G: /G	Gains/Equity
Type of Currency	(+/- x basis point)	Gains/ (Losses)	(Losses)/Equity
TL	(+) 500 bp	31,473	1.80
TL	(-) 400 bp	22,226	1.27
EUR	(+) 200 bp	234	0.01
EUR	(-) 200 bp	(234)	(0.01)
USD	(+) 200 bp	(307)	(0.02)
USD	(-) 200 bp	307	0.02
Total (of negative shocks)		22,299	1.28
Total (of positive shocks)		31,400	1.80

# VII. Equity Share Position Risk in Banking Accounts

As of 31 December 2018, the Bank has no equity share position risk arising from the equity share and banking accounts (31 December 2017: None).

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

### VIII. Explanations Related to Liquidity Risk

The Bank pays attention to work under guarantees and committed to keeping most of its TL funds in liquid to meet the risks arising from transactions with Takasbank Money Market, Loan Share Market, Futures and Options Market, BIST Money Market, BIST Share Market, BIST Debt Instruments Market, BİAŞ Swap Market and other transactions.

The Bank's main liquidity management strategy is effectively handling of all Money Market Instruments and this instruments' potential risks have influence upon the Bank's balance sheet. Even in the most uncertain market conditions, the Bank maintains risk minimization through reducing risks of market instruments, diversifying instruments, matching of maturities, and obtaining optimum liquidity level. For this reason, the Bank is significantly liquid and is a fund provider in the Over-the-Counter Money Market and CB Interbank markets. Turkish Lira and foreign currency sales transactions with banks are done within the limits determined by the Board of Directors and the compliance of these transactions with limit conditions are controlled by the Internal Control and Legal Compliance Unit periodically.

The interest rates of payments, assets and liabilities are matched. Since there is no mismatch, there is no need for the measurement of the effect on profitability.

The Bank's short and long-term liquidity needs are met by internal and external resources.

Cash warrants that are received for cash flows of the Bank, amounts that are kept in its equities and members' free accounts, BİAŞ Guarantee Fund, BİAŞ Loan and Share Market, Takasbank Money Market, Loan Share Market, Derivatives Exchange Market, Electricity Market, Borsa İstanbul Money Market, BİAŞ Swap Market, Precious Metal Market, Leveraged call-put transactions, Warrant Deputy (OPIC) are made use of in Over-the-Counter Market with other banks via overnight repo in order to manage liquidity risk.

The Bank manages its liquidity risk by having enough cash and cash equivalent resources in order to meet present and probable debt obligations, by being able to close short positions and by being able to fund loan requirements.

Liquidity position is assessed and managed considering the market-wide and Bank-specific factors. The most important scenario among these scenarios is to maintain the ratio of net liquid assets/payables to clients in limits.

According to the Decree of the Banking Regulation and Supervision Board dated 24 December 2015 and numbered 6613, for development and investment banks, it has been decided to apply the total and foreign currency liquidity adequacy ratios related to the first and second maturity brackets according to the first paragraph of Article 13 of the Regulation Regarding the Measurement and Evaluation of Banking Liquidity Adequacy and to continue to report to the Authority.

According to the fifth section of Article 4 of the Regulation on the Calculation of Liquidity Cover Ratio of Banks, it was decided that the ratio of consolidated and unconsolidated total and foreign currency liquidity coverage ratios shall be zero percentage for development and investment bank. In this scope, Bank reports to BRSA but compliance of legal ratio is not necessary.

Ratios throughout the period are as below:

	Current Period (%)	Prior Period (%)
Period Average	181	172
Highest	212	200
Lowest	164	108

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

### **Explanations Related to Liquidity Risk (Continued)**

VIII.

#### Presentation of assets and liabilities according to their remaining maturities:

						5 Year		
		Up to 1	1-3	3-12	1-5	and		
Current Period	Demand	Month	Month	Month	Year	Over	Undistributed(1)	Total
Assets								
Cash (cash in vault, foreign currency cash, money in								
transit, cheques purchased) and balances with the								
Central Bank of Turkey	123	78,914	-	-		-	-	79,037
Banks	94,819	10,257,108	532,911	_	-	-	-	10,884,838
Financial assets at fair value through profit and loss	-	-	-	_	-	-	-	-
Money market placements <sup>(1)</sup>	_	645,263	-	-	-	-	-	645,263
Fair value with changes in other comprehensive income	3,082	_	_	_	-	-	_	3,082
Loans <sup>(1)</sup>	_	14,780	-	_	_	_	-	14,780
Financial assets measured at amortized cost	_	_	_	_	-	-	_	_
Other assets (2)	_	63	-	_	_	_	168,120	168,183
Total assets	98,024	10,996,128	532,911		-		168,120	11,795,183
Liabilities Bank deposits	-	-	-	-	-	-	-	-
Other deposits	-	2 424 079	-	-	-	-	- 126	2 425 414
Funds provided from other financial institutions	-	3,424,978	-	-	-	-	436	3,425,414
Money market borrowings	-	-	-	-	-	-	-	-
Securities issued	4 600 404	1 000 004	-	-	-	-	-	- 407.570
Funds	4,609,494	1,888,084	-	55.012	-	-	1.006.270	6,497,578
Other Liabilities	4 600 404	10,108		55,813		-	1,806,270	1,872,191
Total liabilities	4,609,494	5,323,170	-	55,813	-	-	1,806,706	11,795,183
Current period liquidity (gap)/surplus	(4,511,470)	5,672,958	532,911	(55,813)	-	-	(1,638,586)	-
Prior Period	70.401	0.270.005	022.010	26047			141.00	10.564.430
Total assets	72,481	9,379,086	933,919	36,947	-	-	141,996	10,564,429
Total liabilities	2,880,204	6,317,812	-	32,315	-	-	1,334,098	10,564,429
Liquidity gap	(2,807,723)	3,061,274	933,919	4,632	-	-	(1,192,102)	-

<sup>(1)</sup> Expected credit loss provisions recognized under TFRS 9 are presented in the "Demand" column.

#### **Securitization positions:**

The Bank does not have any securitization as of 31 December 2018 (31 December 2017: None).

# **Explanations Related to Leverage Ratio:**

### a) Information on issues that cause differences between current period and previous period leverage ratios:

The leverage ratio calculated by the Bank in accordance with the "Regulation on Measurement and Assessment of Leverage of Banks" is 5.43% (31 December 2017: 4.15%). This ratio is above the minimum ratio and the regulation stipulates the minimum leverage ratio as 3%. The increase in the balance sheet assets is the main reason for the change in the leverage ratio compared to the previous period.

<sup>(2)</sup> Accounts that constitute the balance sheet assets such as fixed assets, participation and subsidiaries, prepaid expenses, receivables for follow up those are required to maintain banking operations and are not convertible to cash in short term period are recorded into this account.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

### **Explanations Related to Liquidity Risk (Continued)**

#### b) Leverage ratio:

VIII.

	Current Period (1)	Prior Period (1)
Assets on the balance sheet		
Assets on the balance sheet (Excluding derivative financial instruments and loan derivatives, including		
collaterals)	12,333,588	10,535,093
(Assets deducted from core capital)	(107,230)	(95,501)
Total risk amount for assets on the balance sheet	12,226,358	10,439,592
Derivative financial instruments and credit derivatives		
Renewal cost of derivative financial instruments and loan derivatives	-	-
Potential credit risk amount of derivative financial instruments and loan derivatives	-	-
Total risk amount of derivative financial instruments and loan derivatives	-	-
Financing transactions with securities or goods warranties		
Risk amount of financial transactions with securities or goods warranties (Excluding those in the balance		
sheet)	-	-
Risk amount arising from intermediated transactions	-	-
Total risk amount of financing transactions with securities or goods warranties	-	-
Off-the-balance sheet transactions		
Gross nominal amount of the off-balance sheet transactions	17,034,042	16,786,035
(Adjustment amount arising from multiplying by the credit conversion rate)	-	-
Total risk amount for off-balance sheet transactions	17,034,042	16,786,035
Capital and total risk		
Tier 1 capital	1,588,083	1,129,776
Total risk amount	29,260,400	27,225,627
Leverage ratio		
Leverage ratio	5.43%	4.15%

<sup>(1)</sup> The amounts in the table are calculated by using the quarterly average amounts.

### Credit risk mitigation techniques

The Bank does not perform in-and off-balance sheet netting. The Bank's cash credit transactions consist of loans extended to intermediary firms. Equity securities, treasury bills, government bonds, a letter of guarantee, investment fund participation certificates and cash blockage collateral may be obtained for extended cash credits.

Takasbank Money Market (TMM) transactions are regarded as non-cash loans due to the guarantorship of the Bank in TMM. In the Futures Option Market (VIOP), the Borsa Istanbul Money Market, the Borsa Istanbul Equity Market, the Borsa Istanbul Debt Securities Market and the BİAŞ Swap Market, due to the Bank being the counterparty, transactions are considered as non-cash loans and services are provided within the scope of guarantees.

Cash (TL, USD, EUR), guarantee letter, treasury bills, government debt securities, investment bond participation certificates, shares traded on the stock market and determined by Takasbank, Euro bonds, bank bonds and bills issued by the Ministry of Treasury and Finance, lease certificates issued by Hazine Müsteşarlığı Varlık Kiralama A.Ş., gold that can be traded on stock market are considered as collateral in Takasbank Money Market (TMM).

Cash (TL, USD, EUR), government debt securities, gold that can be traded in stock market and shares traded on the stock market and determined by Takasbank as considered as collateral in Lending Market.

Cash (TL, USD, EUR), government debt securities, share certificates in BIST 100 index, investment bond participation certificates, share umbrella fund shares, debt instruments umbrella fund shares, lease certificates issued by Hazine Müsteşarlığı Varlık Kiralama A.S., gold that can be traded on stock market are considered as collateral in VIOP.

Cash (TL, USD, EUR), government debt securities, lease certificates issued by Hazine Müsteşarlığı Varlık Kiralama A.Ş. are considered as collateral in Borsa İstanbul Money Market and BİAŞ Swap Market.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

### **Explanations Related to Liquidity Risk (Continued)**

#### **Credit risk mitigation techniques (continued)**

VIII.

Cash (TL, USD, EUR), government debt securities, lease certificates issued by Hazine Müsteşarlığı Varlık Kiralama A.Ş., share certificates in BIST 100 index, investment bond participation certificates, share umbrella fund shares, debt instruments umbrella fund shares, guarantee letter and gold that can be traded in stock market are considered as collateral in Borsa İstanbul Equity Market and Borsa İstanbul Debt Securities Market.

At the end of each day, Takasbank evaluates the collaterals at the prices stated below. In consequence of guarantee valuation carried out every day, in the event that the depreciation of the guarantees exceeds the limits determined by the Bank, a margin call is made to ensure that the guarantees are brought to the level of the initial guarantee.

- a) Shares are valued by taking into account the weighted average price emerging in the last session of the BİAŞ share market on the day of the valuation for day-end valuations. If no transaction has been performed in the stock exchange, the arithmetic average of the best purchase and sale orders in the last session is used. If no best purchase or best sale order exists then the weighted average price of the last session in which a transaction was performed is used.
- b) Government bonds, treasury bills and lease certificates are valued based on the theoretical price determined by using the "Takasbank yield curve" on the day of valuation. If these prices cannot be obtained, then the daily values of government debt securities determined by the CRBT are used as indicators.
- c) Cash amounts in foreign currency are valued based on the foreign exchange buying rate determined by the CRBT for the day after the valuation.
- d) Mutual funds are valued based on the price announced on the day of valuation.
- e) Euro bonds are valued based on the Bloomberg Generic Price (BGP). If this price cannot be obtained, then the Euro bonds are valued by the theoretical price to be found by Takasbank.
- f) Bank bills and bonds are valued based on the theoretical price determined by Takasbank.
- g) The lease certificates are valued based on the theoretical price determined by Takasbank on the day of valuation. If these prices cannot be obtained, lease certificates are valued based on the indicative daily values of the lease certificates determined by the CBRT.
- h) Gold is valued based on the USD / ONS price for the T+0 value in the last session of the Borsa Istanbul Precious Metals and Precious Stones Market and the price calculated by using the CBRT foreign exchange rate. If the transaction has not taken place, gold is valued based on the weighted average price of the previous session.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

### **Explanations Related to Liquidity Risk (Continued)**

Credit risk mitigation techniques (continued)

Collaterals in terms of risk categories:

VIII.

Exposure classifications	Amount	Financial Collaterals	Other/Physical Collaterals	Guarantees and Credit Derivatives
Conditional and unconditional receivables from central	Amount	Collaterals	Collaterals	Credit Derivatives
governments or central banks	1,656,593			
Conditional and unconditional receivables from	1,030,393	-	-	-
regional or local governments	-	-	-	-
Conditional and unconditional receivables from				
administrative units and non-commercial enterprises	-	-	-	-
Conditional and unconditional receivables from				
multilateral development banks	-	-	-	-
Conditional and unconditional receivables from				
international organizations	-	-	-	-
Conditional and unconditional receivables from banks				
and brokerage houses	18,173,492	2,108,343	-	-
Conditional and unconditional corporate receivables	8,891,194	16,504	-	-
Conditional and unconditional retail receivables	-	-	-	-
Conditional and unconditional secured mortgage receivables	-	-	-	-
Past due receivables	-	_	_	_
Receivables in high risk category defined by BRSA	-	-	_	-
Securities collateralised by mortgages	_	_	-	_
Securitisation positions	_	_	_	_
Short-term receivables from banks, stockbrokers				
and corporates	-	-	-	-
Investments of natured collective investment enterprise	-	-	-	-
Other receivables	244,473	-	-	-
Total	28,965,752	2,124,847	-	-

### IX. Risk Management Objectives and Policies

The purpose of the risk management system is to define, measure, track, and report the risks, through policies, implementing procedures, and limitations identified to track, control, and, when necessary, change the risk-gain structure of future cash flows of the Bank and therefore the nature and level of its activities.

The purpose of the internal capital adequacy assessment process (ICAPP) is to internally determine the capital level which is adequate to compensate for the risks that the Bank is or is likely to be exposed to, and to enable the Bank to continue its operations with capital above this level.

When establishing and implementing the Risk Management System and ICAPP, the proportionality principle is considered, in accordance with BRSA legislation and good practice guidelines.

The general risk policy of the Bank is to perform its activities taking manageable, controllable, and reasonable risks, which maintain the balance between income and expenses. The Bank manages its risks in such a way that they stay above the minimum and below the maximum levels stated in the regulations published by the BRSA, and below the risk appetite confirmed by the Board of Directors.

The risk capacity of the Bank is decided in accordance with its capital adequacy policy. When doing capital and liquidity planning, the current and under-stress liquidity requirements of the Bank, as well as its risk appetite and capacity, are considered together.

The fund management strategy of the Bank is designed to avoid any liquidity problems, to sustain optimization of the risk-income balance, and to obtain maximum benefits from resources while taking a reasonable level of risk.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

#### IX. Risk Management Objectives and Policies (Continued)

The footnotes and related explanations prepared in accordance with the Communiqué on "Public Disclosures related with Banks' Risk Management Regulations" published in Official Gazette No. 29511 on 23 October 2015 and entered into force as of 31 March 2016 are given in this section. The following tables, which should be given in six months periods in accordance with the related communiqué, have not been presented as of 31 December 2018 because the standard approach is used in the calculation of Bank's capital adequacy and there are no credit derivatives and securitization position.

- The Change Table of Risk Weighted Assets (RWA) under the Internal Grading Based (IGB) approach
- RWA changes for Counterparty Credit Risk under the Internal Capital Method
- The market risk RWA change table, according to the internal model approach
- Quantitative information to be made public for banks using internal model approach
- Internal model approach for trading account
- Comparison of VaR estimates with profit / loss
- IRB Credit risk exposures by portfolio and PD range
- IRB (specialized lending and equities under the simple risk weight method)
- IRB (specialized lending and equities under the simple risk weight method)
- IRB Retrospective test of default probabilities in each risk class
- Change table of RWA under IRB approach
- CVA capital charge
- IRB CCR exposures by portfolio and PD scale
- Credit Derivatives
- Exposures to central counterparties
- Securitization exposures in the banking book
- Securitization exposures in the trading book
- Securitization exposures in the banking book and associated regulatory capital requirements bank acting as originator or as sponsor
- Securitization exposures in the banking book and associated capital requirements bank acting as investor

#### 1. Risk management approach and risk weighted amounts

#### 1.1 Bank's risk management approach

a) How the business model determines and interacts with the overall risk profile (e.g. the key risks related to the business model and how each of these risks is reflected and described in the risk disclosures) and how the risk profile of the bank interacts with the risk tolerance approved by the board:

The Bank's activities basically consist of settlement, custody, collateral management, banking, central counterparty services (CCP), treasury operations and other transactions executed at the markets operated by the Bank. The risks exposed due to these activities are credit risk, market risk, operational risk, liquidity risk and interest rate risk in the banking book. Risks arising from information technologies and business continuity are evaluated in the operational risk framework. Capital is also allocated by the Bank to the covered risks under central counterparty general business risk with respect to CCP.

With respect to information technologies risks, development of indicators such as business disruptions, compliance to service level agreements of support service providers etc. are monitored by Risk Management Department and reported to Executive Management. However, actions suggested for risks that are aligned with or above the operational risk appetite, and their key risk indicators are monitored by Internal Control and Compliance Department, and reported to Executive Management by the Risk Management Department.

Specific significance is attributed to business continuity risks as a possible disruption in services provided by the Bank align with its structure and operations, may be to the extent of affecting entire capital markets. Effectiveness and its compliance with international standards of the Bank's business continuity management system and information security management system operations have been registered within this scope ISO 22301- Business Continuity Management System Certificate and ISO 27001- Information Security Management System Certificate were received by the Bank.

In determining the risk profile, the risk factors and relationship between them that the Bank may be sensitive due to its structure and operations, are taken into account.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- 1. Risk management approach and risk weighted amounts
- 1.1 Bank's risk management approach
  - a) How the business model determines and interacts with the overall risk profile (e.g. the key risks related to the business model and how each of these risks is reflected and described in the risk disclosures) and how the risk profile of the bank interacts with the risk tolerance approved by the board (continued):

Risk appetites have been set by the Bank Board of Directors for the entire risk exposure, and risk limits and signal values have been established based on general and critical risk types to control the current risk profile, which is in turn to prevent exceeding overall risk appetite and risk appetites based on risk types determined by the Board of Directors. The development of the risk limits and signal values are monitored regularly by the Risk Management Department and reported to Executive Management.

The Bank's risk appetite is reviewed according to results of internal capital adequacy assessment process (ICAAP) at least once a year, risk limits and signal values determined in terms of general and risk types are reviewed according to the changes in market conditions and Bank's strategies. The review process is conducted to determine if the limits are significant and sufficient with respect to risks and the Bank's risk appetite. The primary responsibility for the review of limits, and overseeing that the risks assumed by the Bank are within the risk limits and monitored by the Executive Management lies with the Board of Directors.

Signal value overflows are reported via e-mail by the Risk Management Department to the Audit Committee, Senior Management and unit managers who perform the respective process at the management of the business line. If the overflows occur in the allocated risk appetites and risk limits, written information is provided to the Audit Committee by the Risk Management Department to notify the Senior Management and Board of Directors ensuring that the necessary measures to be taken.

In the markets, where the Bank provides CCP service, there are trade limits allocated to members in order to limit risks of the members against the Bank. The maximum risk limits are determined using the shareholder's equity and/or ratings issued by the internal rating and assessment system of the Bank. Risk limits can be set over nominal open position amounts or another indicator (e.g. value at risk) that measures member risks, such as initial margin. Along with this, there are also liquidity risk, credit risk and concentration risk limits based on markets, where CCP service is provided.

Credit risk exposure of the Bank by the reason of the CCP service is monitored by comparing existing (deposited) margin with the required margin. Concentration risk is monitored to based on the ratio of required margin level for each member to total margin requirement in the respective market, and the limit is monitored on daily basis by the Central Counterparty Department of the Bank. However, if in any market the ratio of the risks belonging to members outside the top 3, to total risk doesn't exceed a certain rate (if the market does not have enough depth) and/or, if there are members that use less than a certain ratio of the allocated limit in the respective market, the limit cannot be applied.

If concentration limits are exceeded by any member, the member may be prevented from taking an additional position, the member may be demanded for additional trade margin, and its trade limits may be reduced until the end of a period to be set with the approval of the General Manager of the Bank and if required with the decision of Board of Directors.

It is essential that the ratio of the sum of liquid trade margins of the top 2 members with highest risk at each market, where the Bank is CCP, liquid assets in the respective market's guarantee fund and the highly liquid assets that the Bank allocates and commits from its own capital, to the risk amount of these members is not below a certain limit.

It is essential that the ratio of the sum of liquid trade margins of the top 2 members with highest risk at each market, where the Bank is CCP, liquid assets in the respective market's guarantee fund and the highly liquid assets that the Bank allocates and commits from its own capital, to the risk amount of these members is not below a certain limit.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- . Risk management approach and risk weighted amounts (continued)
- 1.1 Bank's risk management approach (continued)
  - b) The risk governance structure: responsibilities attributed throughout the bank (e.g. oversight and delegation of authority; breakdown of responsibilities by type of risk, business unit etc.); relationships between the structures involved in risk management processes (e.g. board of directors, executive management, separate risk committee, risk management structure, compliance function, internal audit function):

Duties, authorities and responsibilities within the scope of risk management system are performed by Executive Management in accordance with the legislation and by all the units of the Bank as part of the framework of communiqués, procedures and directives. It is mandatory to ensure that risk management policy and implementing procedures adapt to the changing conditions. The Board of Directors assesses regularly the sufficiency of such policy and implementing procedures and makes the necessary changes. Bank Senior Management is jointly and Board Members are severally responsible for the design and its application within the Bank of ICAAP. ICAAP Report and Stress Test Report are prepared in coordination with Risk Management Department with the participation of all respective units, and the results of the reports are used in the Bank's decision-making processes.

Three line of defence approach that comprising of business line management, central risk management function and independent review, is employed in risk management. Accordingly;

Under the management of the business line, risks arising from product and services provided by each unit of the Bank, employed process, human resource and systems are determined, process and sub-process based risks and controls are defined, and Senior Management is informed ensuring that appropriate actions are taken.

Central risk management function is facilitated by establishing risk and control systems within the Bank, segregation of duties and responsibilities and review of process and functions by Risk Management Department, Internal Control and Compliance Department besides operational units performing such functions. Internal Control and Compliance Department perform activities involving controlling that the banking and capital markets activities offered by the Bank are compliant with respective legal regulations, internal regulations and if necessary international practices in an effective and adequate manner at first line, as "secondary phase protection" element. Such activities and their control periods are determined annually in Internal Control List. Furthermore, Internal Control and Compliance Department and Internal Audit Department conduct tasks related to the Management Statement.

Independent review process involves assessment of risk management and internal control framework from all aspects. Internal Audit Department provides extensive assurance for Board of Directors and Senior Management, as an element capable of acting in an independent and impartial manner within the organization. During audit activities, first of all, compliance of Bank activities with the regulation, internal strategies, policies, principles and targets are analysed. In addition, reports are submitted to Board of Directors and Senior Management on whether first and second line of defence have reached risk management and risk control targets or not, and on effectiveness and efficiency of risk management and designed controls. Elements such as effectiveness and efficiency of Bank operations, protection of assets, reliability and soundness of reporting processes, risk management and internal control framework, operation units and their functions, infrastructure, asset management and information technology are included into the scope of assurance reported to Board of Directors and Senior Management.

The assumed risks due to CCP activities are managed within a comprehensive risk management framework. The framework of this risk management has been determined within the scope of Istanbul Settlement and Custody Bank Incorporation Central Counterparty Regulation. The respective regulation regulates a detailed risk management framework such as membership types and trade limits, margining and guarantee fund, stress tests, risk management practices, model security and back tests, the position of internal system units activities in CCP risk management framework, risk mitigation methods and crisis management tools. Such activities are performed by the Central Counterparty Department within the Bank's organization structure.

The Bank has established a CCP Risk Advisory Committee designated to submit opinion to Board of Directors on CCP regulations and management of CCP risks and relevant matters. The Committee consists of CCP member representatives, representatives CCP members' legal entity clients and independent members of Takasbank Board of Directors and chaired by one of the independent member of Board of Directors. At Risk Advisory Committee, matters that may affect CCP's risk management such as change in risk models used in CCP risk management, default procedures, membership admission criteria, settlement of new type of capital market instruments or usage of insurance or external resource use in the transactions are discussed.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- 1. Risk management approach and risk weighted amounts (continued)
- 1.1. Bank's risk management approach (continued)
  - b) The risk governance structure: responsibilities attributed throughout the bank (e.g. oversight and delegation of authority; breakdown of responsibilities by type of risk, business unit etc.); relationships between the structures involved in risk management processes (e.g. board of directors, executive management, separate risk committee, risk management structure, compliance function, internal audit function):

The Bank allocates capital for covered risk exposed due to CCP services in order to prevent systemic risk and also determines the committed capital from the remaining capital. In stress tests conducted as part of CCP application, it is assessed whether the available margins, guarantee funds and resources consisting of allocated and committed capital at markets where the Bank is CCP are large enough to meet the fund requirements of default of 2 members with the highest risk under extreme market conditions. At the same time, models used to calculate initial margin at CCP markets and confidence levels are analysed by the Bank via back tests. Stress test and back test results and recommended measures if exist, are reported on quarterly basis through internal system units to the Board of Directors and to the Capital Markets Board by the CCP Department.

c) Channels to communicate, decline and enforce the risk culture within the bank (e.g. code of conduct; manuals containing operating limits or procedures to treat violations or breaches of risk thresholds; procedures to raise and share risk issues between business lines and risk functions):

At least, in order for creating a Bank-wise risk culture through the framework of operational risk management established by the Bank in accordance with Takasbank Operational Risk Management Procedure; Risk Management Department consult on management of risk exposure by the through mutual negotiations with all the risk and control officer or process owners at workshop studies, training documents are sent to the Bank personnel and if required training is provided and operational risk policy and procedures are announced to the relevant Bank staff.

The Bank's risk and control self-assessment process involves assessment of the impacts, possibilities and controls of risks that Bank processes are exposed to, and appropriate actions for risks aligned with or above the Bank's operational risk appetite.

During self-assessment studies, in coordination with Risk Management Department and Internal Control and Compliance Department, sub-processes risks and controls established against these risks are reviewed and updated by holding mutual negotiations with all units. Risks belonging to all units are also screened by Internal Audit Department and Internal Control and Compliance Department for the usage of audit and control activities.

Procedures and principles have been regulated regarding promptly and adequately execution of activities that shall be carried out pursuant to İstanbul Settlement and Custody Bank Inc. Organization and Duties Instruction, Banking Law, Capital Markets Law and provisions of other relevant legislations, determination of the organizational structure and role and realm of authority of the units and facilitation of coordination among units.

Pursuant to Takasbank Risk Management Communiqué, signal value overflows are reported to the Audit Committee Senior Management and unit managers whose performing the respective process at the business line management via e-mail by the Risk Management Department. In addition to this, if an overflows occur in the allocated risk appetites and risk limits, written information is provided to the Audit Committee by the Risk Management Department to notify the Senior Management and Board of Directors ensuring that the necessary measures are taken. Also Banking Ethical Principles that was published by the BRSA has been adopted by the Bank's personnel and the Takasbank Code of Ethics Instruction has been approved by the Board of Directors.

In the Asset Liability Committee meeting held with the participation of Senior Management, relevant unit managers and Risk Management Department Manager on monthly basis, a consultation is held on the Bank's entire operations and it is ensured that necessary action is taken.

Details of ICAAP process established at the Bank and stress test procedure and principles are provided in the Takasbank ICAAP Instruction and Takasbank Stress Test Program Policy and Implementation Procedures respectively.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
  - . Risk management approach and risk weighted amounts (continued)
- 1.1. Bank's risk management approach (continued)

#### d) The scope and main features of risk measurement systems:

Systems, which may be applied in a reliable and integrate with the operations, have been built to measure quantifiable risk exposure of the Bank and assess non-quantifiable risks, procedures and principles are provided in the communiqué and procedures which are endorsed by the Board of Directors.

Board of Directors and Senior Management evaluate assumptions underlying the used models and their limitations, data sources used to measure risks and adequacy and suitability of implementation procedures. Accuracy and reliability of risk measurement methodologies, methods or models are determined by using actual results via back tests. To reflect the changing market conditions, methodologies, methods and models used in risk measurement are updated periodically.

In all risk analysis and assessments as part of principle of proportionality first and second pillar risks are taken into account. Credit risk (counterparty credit risk is included), market risk and operational risk which are part of the first pillar risk measured and reported periodically according to standardised approach, standard method and basic indicator approach respectively and reported pursuant to Communiqué on Measurement and Assessment of Banks' Capital Adequacy and its sub-regulations. Also, credit risk that the Bank is exposed to due to guarantees provided under CCP activities and the transactions causing this risk, are measured under legal credit risk capital requirement. Second pillar risks are assessed within the scope of ICAAP.

Value at market risk and internal market risk capital requirement are calculated on daily basis by using internal method which is determined in the Communiqué on Measurement and Assessment of Banks' Capital Adequacy and its sub-regulations, and the loss amount that the portfolio may be exposed to is reported to Senior Management via stress tests and scenario analysis.

Legal risk, reputational risk, strategic risk, business continuity risk, information technologies risk and risks arising from critical stakeholders and subsidiaries, which may affect the Bank's operations and reputation, are considered as operational risk. As part of operational risk, all quantifiable and non-quantifiable risks are addressed in the Operational Risk Database, and losses, which are quantifiable, and reflected to booking records as expenses are addressed in the Operational Risk Loss Database.

Risk assessment is conducted in coordination with Risk Management Department with all the respective units by the Bank in the considering of the entire risk exposure before new product and services are offered. In addition to this, also Risk Analysis Report and Technical Adequacy Report are prepared in accordance with the Communiqué Regarding Banks Receiving Support Service and Takasbank Support Service Purchasing Procedure before support service purchasing contract is signed by the Bank or service contract with the support service provider is renewed and then are submitted for Board of Directors approval annexed to the Audit Committee Assessment Report.

## e) Explanations about the process of risk information reporting provided to the board and senior management, in particular the scope and main content of reporting on risk exposure:

The Banks establishes extensive reporting systems and prepares reports to be used in the management of risk exposure, processes involving determination of strategies and decision-making. The reports prepared should at the least include information such as;

- Risk analysis results and development,
- Results of stress tests and scenario analysis are intended to respective risk type and the whole of the Bank,
- Whether there was an overflows of risk limits and signal values,
- Assumptions underlying risk assessment process, parameters and constraints regarding the used models and any changes in these.
- Risk mitigation techniques and risk transfer strategies

The Bank ensures that measurement, assessment, monitoring, stress test and scenario analysis studies aligned with operational structure and complexity are carried out with respect to risk management and the respective results are reported regularly. It is ensured that the reports are submitted at regular intervals to the Board of Directors and via Senior Management to the units responsible for occurrence and monitoring of risk.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- 1. Risk management approach and risk weighted amounts (continued)
- 1.1. Bank's risk management approach (continued)
  - f) Qualitative information on stress testing (e.g. portfolios subject to stress testing, scenarios adopted and methodologies used, and use of stress testing in risk management):

A stress test program has been built by the Bank to measure that the risks and fragilities may arise from adverse development pertain to the Bank or come to light in economic and financial environment under stress, the procedures and principles related to the process have been provided in the Takasbank Stress Test Program Policy and Implementation Procedures. Stress tests are designed in coherence with the Bank's risk appetite and strategy and with a forward-looking perspective and include risk mitigating management actions.

Risk concentrations existing in different areas are revealed upon application of partial stress test for certain portfolio and/ or critical risk types affecting the bank. Holistic stress tests targeting the entire Bank, employed in capital and liquidity planning, are carried out with the participation of all the relevant units of the Bank and in coordination with Risk Management Department in the context of ICAAP at least once a year, and sent to BRSA following Board of Directors approval with ICAAP report. The Bank takes into account stress tests that carried out under ICAAP, scenario analysis and their results in creating budget, strategic plan, fund management strategy and policies. In the stress tests apply fundamentally scenarios such as the increase in interest rates and downgrade of sovereign rating are tackled.

In the stress tests conducted under CCP application, it is evaluated whether the resources consisting of margins available in case of default for the Bank's use at CCP markets, guarantee fund and portions of allocated and committed capital are large enough to meet the fund requirement that shall arise in case of default of 2 members with the highest risks under extreme market conditions. In addition to this, the models used in calculation of initial margin at CCP markets, and sufficiency of confidence levels are analysed by the Bank with back tests. Stress test and back test results and if exist, recommended measures are reported on quarterly basis through internal system units to the Board of Directors and by the CCP department to the Capital Markets Board.

In reverse stress tests conducted on quarterly basis by the CCP department, it is analysed as to how many CCP member defaults shall be met by total default resources under extreme market conditions, where the undefaulted CCP members have not fulfilled their additional contribution share obligations, or have not been able to do so. Reverse stress tests are conducted to identify the number of CCP member default that shall be met with total default management resources under extreme market condition defined in stress test, and the analysis of market conditions that equal total default resources to fund requirements that may arise in case of default of 2 members with highest risk.

# g) The strategies and processes to manage, hedge and mitigate risks that arise from the bank's business model and the processes for monitoring the continuing effectiveness of hedges and mitigants:

Bank operations basically consist of settlement, custody, collateral management, banking, central counterparty services and treasury operations and other transactions executed at the markets operated by the Bank. The risk exposure due to these operations are credit risk, market risk, operational risk, liquidity risk and interest rate risk in the banking book. Information technologies risks and business continuity risks are considered as operational risk. Capital is also allocated by the Bank to covered risks under central counterparty general business risk with respect to CCP.

The Bank manages its risks ensuring that they remain over/under the minimum/maximum limits in all the governing legal regulations and below the risk appetites endorsed by the Board of Directors based on overall risk and risk types. The Bank has determined signal values under risk limits based on overall risk and risk type, and early warning systems in the name of controlling current risk profile to avoid overflows of overall risk appetite and risk appetites based on risk types endorsed by the Board of Directors and such values are monitored regularly by the Risk Management Department.

Within the scope of Takasbank Restructuring Plan endorsed by the Bank's Board of Directors, required actions are taken by Executive Management to reduce the risk levels that the Bank is exposed to, aforesaid plan is reviewed at least once a year in coordination with Risk Management Department with participation of all related units of the Bank.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- . Risk management approach and risk weighted amounts (continued)
- 1.1. Bank's risk management approach (continued)
  - g) The strategies and processes to manage, hedge and mitigate risks that arise from the bank's business model and the processes for monitoring the continuing effectiveness of hedges and mitigants (continued):

In reducing credit risk level, the Bank may take into account besides risk mitigant effect of collaterals, risk mitigation techniques such as insurance or derivative products for hedging risks. In addition to this, while using margins, guarantee fund contribution shares, and Takasbank resources that may be resorted to in the default event of CCP members pursuant to Article 36 of Istanbul Settlement and Custody Bank Incorporation Central Counterparty Regulation, the following priority order should be followed:

- Collaterals in the accounts of the defaulted CCP member itself or in the customer accounts under itself where a deficit of
  collateral occurs,
- The deposited guarantee fund contribution share of the defaulted CCP member,
- Compensations to be made from insurance policies, if any,
- Allocated capital of Takasbank for covered risks,
- Deposited guarantee fund contributions of the other CCP members,
- Additional guarantee fund contributions which may be requested from the CCP members,
- Commitment made from the remaining capital of Takasbank.

In article 46 and 73 of 6362 no Capital Markets Law, it is legislated that clearing and custody agencies may request collateral from investment institutions and investors under investment services and activities, assets in guarantee fund, established with collaterals kept with clearing agencies to overcome clearing risks, cannot be seized or pledged even for public claims, cannot be included into bankruptcy estate and precautionary measure cannot be exercised over them. This situation legally leaves collaterals provided to the Bank by the members out of bankruptcy and acts as a credit mitigant on the credit risk that the Bank may be exposed to.

The Bank's fund management strategy has been created to avoid any liquidity problem, ensure optimization of risk-return balance, invest resources at the utmost efficiency rates by taking reasonable level of risk and in line with this strategy treasury operations are executed with banks to whom limit has been allocated by the Board of Directors. Only Government Debt Securities are issued by the Ministry of Treasury and Finance of Turkey may be purchased for the Bank's securities portfolio. In addition to this derivate instruments may also be used for hedging purposes.

Actions suggested for risks aligned with or above operational risk appetite and key risk indicators are monitored by Internal Control and Compliance Department and reported by Risk Management Department to Executive Management. Moreover, operational risk losses, process and sub-process risks are monitored periodically. The operational risks that the Bank is/may be exposed to covered to a large extent by purchasing insurance policies.

It is assessed by the Senior Management whether risks shall be accepted or not for risks aligned with or above the Bank's operational risk appetite, for uncontrollable risks and risks that cannot be mitigated, and whether the level of activity in such line of business shall be reduced or not or entirely terminated or not and submitted to the approval of Board of Directors.

Distribution of the Bank's asset and liability items are based on certain currencies and maturity/repricing period, liquidity deficit/surplus, resources that may be generated during possible liquidity crisis situations and free shareholders' equity level are monitored regularly.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- 1. Risk management approach and risk weighted amounts (continued)
- 1.1. Bank's risk management approach (continued)
- 1.2. Overview of risk weighted amounts

	Risk Weighted	Amounts	Minimum Capital
	Current Period	Prior Period	Current Period
Credit Risk (excluding counterparty credit risk)	7,669,555	7,278,486	613,564
Standardised approach	7,669,555	7,278,486	613,564
Internal rating-based approach	- · · · · · · -	- · · · · -	· -
Counterparty credit risk	5	6	0.42
Standardised approach for counterparty credit risk	5	6	0.42
Internal model method	-	-	-
Basic risk weight approach to internal models equity position in the banking account	-	-	-
Investments made in collective investment companies-look through approach	-	-	-
Investments made in collective investment companies-mandate-based approach	-	-	-
Investments made in collective investment companies-1250% weighted risk approach	-	-	-
Settlement risk	-	-	-
Securitization exposures in banking book	-	-	-
IRB ratings-based approach	-	-	-
IRB Supervisory Formula approach	-	-	-
SA/simplified supervisory formula approach	-	-	-
Market risk	15,938	10,088	1,275
Standardised approach	15,938	10,088	1,275
Internal model approaches	-	-	-
Operational risk	697,363	536,513	55,789
Basic Indicator approach	697,363	536,513	55,789
Standard approach	-	-	-
Advanced measurement approach	-	-	-
The amount of the discount threshold under the equity(subject to a 250% risk weight)	-	-	-
Floor adjustments	-	-	-
Total	8,382,861	7,825,093	670,628

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

IX. Risk Management Objectives and Policies (Continued)

2.

- Linkages between financial statements and regulatory exposures
- 2.1. Differences between accounting and regulatory scopes of consolidation and mapping of financial statement categories with regulatory risk categories

	Carrying values of items in accordance with TAS							
			Subject to		Not subject to capital			
	Carrying values under scope of regulatory	Subject of credit risk	counterparty credit risk	Subject to the market risk	requirements or subject to deduction from			
	consolidation	framework	framework	framework	capital			
Assets								
Cash and balances at central bank	79,037	79,037	-	78,914	-			
Banks	10,869,475	10,844,838	-	4,522,254	-			
Receivables from money markets	645,263	625,709	19,554	-	-			
Financial assets at fair value through profit or loss	-	-	-	-	-			
Financial assets at fair value through other comprehensive								
income	3,082	3,082	-	661	-			
Financial assets at fair value thorough amortized cost	-	-	-	-	-			
Derivative financial assets	-	-	-	-	-			
Loans (net)	14,780	14,800	-	-	-			
Investments in associates (net)	· -	-	-	-	-			
Investments in subsidiaries (net)	4,825	-	-	-	4,825			
Investments in joint ventures (net)	-	_	_	_	=			
Leasing receivables	_	_	_	_	-			
Derivative financial assets held for hedges	_	_	_	_	-			
Tangible assets (net)	11.847	11,772	_	_	75			
Intangible assets (net)	102,497		_		102,497			
Investment properties (net)	9,187	9,187	_	_	102,157			
Tax assets	8,662	8,662			_			
Non-current assets and disposal groups classified as held for	0,002	0,002						
sale (net)								
Other assets	46,528	46,528	-	1,506	_			
Total assets	11,795,183	11,683,615	19,554	4,603,335	107,397			
Liabilities	11,775,185	11,005,015	19,554	4,003,333	107,337			
Deposits	2 425 414	-	-	2 772 457	-			
Loans	3,425,414	-	-	2,772,457	-			
Debt to money markets	-	-	-	-	-			
Debt securities in issue	- 107.570	-	-	-	-			
Funds	6,497,578	-	-	1,814,943	-			
Derivative financial liabilities	-	-	-	-	-			
Factoring debts	-	-	-	-	-			
Other liabilities	-	-	-	-	-			
Debts from leasing transactions	-	-	-	-	-			
Provisions	76,086	-	-	-	-			
Tax liability	50,620	-	-	-	-			
Liabilities included in disposal groups classified as held for sale								
(net)	-	-	-	-	-			
Subordinated loans	-	-	-	-	-			
Equity	1,745,485	-	-	-	-			
Total liabilities	11,795,183			4,587,400	-			

Banks subject to credit risk are included in the market risk column as the foreign currency denominated in financial assets and other assets items whose fair value differences are reflected in other comprehensive income are exposed to foreign exchange risk.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- 2. Linkages between financial statements and regulatory exposures (continued)
- 2.2 Main sources of differences between regulatory exposure amounts and carrying values in financial statements

		Items subject	Items subject to	Items subject to market risk
	Total	framework	risk framework	framework
Asset carrying value amount under scope of				
regulatory consolidation	-	-	-	-
Liabilities carrying value amount under regulatory scope				
of consolidation	-	-	-	-
Total net amount under regulatory scope of				
consolidation	-	-	-	-
Off-balance sheet amounts	-	17,187,890	-	-
Differences in valuations	-	-	-	-
Differences due to different netting rules(except placed				
row 2)	-	-	-	-
Differences due to consideration of provisions	-	-	-	-
Differences due to prudential filters	-	-	-	-
Exposure amounts considered for regulatory purposes	-	28,982,256	19,554	15,938

#### 2.3 Explanations of differences between accounting and regulatory exposure amounts in accordance with TAS:

a) Banks explain the origins of any significant differences between the amounts in columns a and b on B1.

There are no significant differences. As there is no difference according to the explanation of the regulation, the table has been filled by merging with the respective column.

- b) Banks explain the origins of differences between carrying values and amounts considered for regulatory purposes shown in B2.
- c) In accordance with the implementation of the guidance on prudent valuation (Regulation on Measurement and Evaluation of Capital Adequacy of Banks Annex 3) banks must describe systems and controls to ensure that the valuation estimates are prudent and reliable. Disclosure must include: -Valuation methodologies, including an explanation of how far mark-to-market and mark-to-model methodologies are used. Description of the independent price verification process. Procedures for valuation adjustments or reserves (including a description of the process and the methodology for valuing trading positions by type of instrument)

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- 3. Credit Risk Disclosure
- 3.1 General information about credit risk
- 3.1.1 General qualitative information about credit risk
  - a) How the business model translates into the components of the bank's credit risk profile:

Loan transactions bear the possibility of borrower member or guarantors' inability to perform their obligations that they have committed and undertaken in writing and as per the agreements, meaning credit risk.

The Bank's cash loan transactions consist of loans offered to brokerage houses. Additionally, cash loans may also be offered to members, who are unable to perform their cash obligation at Turkey Electronic Fund Trading Platform on effective date, meaning defaulted members. As the Bank acts as a guarantor in the mutual obligations of members at Takasbank Money Market, these transactions are considered as non-cash loan according to banking regulation. The Bank acts as CCP at Security Lending Market, Futures and Options Market and Borsa Istanbul Money Market, Borsa İstanbul Debt Securities and Borsa Istanbul Debt Securities Market and BİAS Swap Market obligations in these markets are also of noncash loans.

In addition to this, the Bank may also be exposed to credit risk due to treasury transactions executed as part of fund management operations and transactions executed under the Bank's collateral management functions.

b) Criteria and approach used for defining credit risk management policy and for setting credit risk limits:

Credit risk appetite has been determined by the Bank's Board of Directors taking into account concentration in cash and noncash loan transactions of the Bank that are subject to credit risk. The Bank's credit risk appetite is reviewed at least once a year. In addition to this, to control risk in question, limit and signal values have been set by the Board of Directors to avoid overflow of credit risk appetite and these limits are monitored on daily basis by Risk Management Department.

Audit Committee, Senior Management and unit managers performing the respective process at the management of the business lines are notified by the Risk Management Department via email when the signal value is reached. If the allocated credit risk limits and credit risk appetite is exceeded, written information is provided to the Audit Committee by the Risk Management Department to notify Senior Management and Board of Directors ensuring that required measures are taken.

Credit risk limits and signal values are reviewed according to market conditions and changes in the Bank's strategies, and the review process is handled to determine if limits are significant and sufficient against risks and the Bank's credit risk appetite. The supervisory responsibility regarding reviewing of credit risk limits and overseeing that risks assumed by the Bank are within risk limits and for monitoring by the Executive Management belongs to the Board of Directors.

The Bank has trade limits that allocated to members at markets, where the Bank acts as CCP, to limit members' risks against the Bank. In determining maximum risk limits are used with shareholders' equity and/or ratings issued by the Bank's internal rating and assessment system are used. Risk limits may be set over nominal open position amounts or another indicator such as initial margin that measures member risks (for instance value at risk). In addition, there is also concentration risk limit determined based on CCP markets and in this regard the ratio of required margin for each member to the total requirement at the market is monitored on daily basis by CCP Department.

## ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

- IX. Risk Management Objectives and Policies (Continued)
- 3. Credit Risk Disclosure (Continued)

3.1.1

- 3.1 General information about credit risk (continued)
  - General qualitative information about credit risk (continued)
    - c) Structure and organisation of the credit risk management and control function:

In credit risk management three line of defence consisting of business line management, central risk management function and independent review, is used. Accordingly;

- Under the management of the business line, process and sub-process based risks and controls are defined by Derivatives Clearing and Settlement Team, Treasury and Credits Departments, Markets Department and Central Counterparty Department, and Senior Management is informed ensuring that appropriate actions are taken.
- Central risk management function is facilitated by establishing credit risk and control systems within the Bank, segregation of duties and responsibilities and review of process and functions by Risk Management Department, Internal Control and Compliance Department besides operational units performing such functions. Internal Control and Compliance Department perform activities involving controlling that the banking and capital markets activities offered by the Bank are compliant with respective legal regulations, internal regulations and where necessary compliant with international practices in an effective and adequate manner at first line, as "secondary phase protection" element. Such activities and their control periods are determined annually in Internal Control List. Furthermore, Internal Control and Compliance Department and
- Internal Audit Department conduct tasks related to the Management Statement.
- Independent review process involves assessment of risk management and internal control framework from all aspects. Internal Audit Department provides extensive assurance for Board of Directors and Senior Management, as an element capable of acting in an independent and impartial manner within the organization. During audit activities, first of all, compliance of Bank activities with the regulation, internal strategies, policies, principles and targets are analysed. In addition, reports are submitted to Board of Directors and Senior Management on whether first and second line of defence have reached credit risk management and risk control targets or not, and on effectiveness and efficiency of credit risk management and designed controls. Elements such as effectiveness and efficiency of Bank operations, protection of assets, reliability and soundness of reporting processes, credit risk management and internal control framework, operation units and their functions, infrastructure, asset management and information technology are included into the scope of assurance reported to Board of Directors and Senior Management.

Roles, authorities and responsibilities as part of credit risk management are performed by the Executive Management in line with the governing regulation, and by all of the Bank's units subject to their own communiqué, procedure and directives.

In cases where credit risk limit and signal values are overflowed, and members fail to perform their obligations at markets, where CCP service is provided by the Bank, required actions are put into effect by Executive Management in accordance with Takasbank Restructuring Plan. In particular for CCP activities, liquidity risk is related to credit risk and in this regard in terms of cashing in margins liquidity risk is evaluated specifically and at the same time restructuring tools include actions against liquidity crunch that the Bank may face due to the CCP service it provides. These action are chosen as to minimize financial risk that the Bank faces, and at the same time to have minimal negative impact on the market, and systemic risk is evaluated in terms of providing assurance to the market, and its impacts on member/clients.

An authorized CCP Risk Advisory Committee has been established by the Bank to provide advice to the Board of Directors on CCP risks management related issues, in such committee matters, which may affect CCP's risk management such as changes in risk models used in CCP risk management, default procedures, member admission criteria, settlement of new type of capital market instrument or use of insurance or external resources in transactions, are discussed.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- 3. Credit Risk Disclosure (Continued)
- 3.1 General information about credit risk (continued)
- 3.1.1 General qualitative information about credit risk (continued)
  - d) Relationships between the credit risk management, risk control, compliance and internal audit functions:

Credit risk related to operations are maintained by business lines with a perspective focused on risk. At the first line of defence; credit risk is managed through the existence of an effective and strong collateral mechanism and allocation of appropriate limits. In determining credit or position limits to be allocated to financial institutions and membership types of members, who shall execute trades at CCP markets or CCP- enabled capital market instruments, ratings resulting from internal credit rating and assessment system study and representing credit worthiness of the financial institutions and their strength to serve their existing or future commitments to the Bank, are used after such limits entry into force following Board of Directors approval.

Credit worthiness of the members is monitored by the Bank at regular intervals, and credit limits are updated according to the changes in the members' financial structures. Continuous and transaction basis execution of limits, risk and collateral controls in electronic environment for minimizing operational errors.

Liquid and/or almost liquid collaterals are obtained during credit allocation in accordance with communiqué, procedures, and directives were prepared by Derivatives Clearing and Settlement Team, Share and Debt Securities Clearing and Settlement Department, Credits Department, Markets Department and Central Counterparty Department. The collaterals are valued at the end of each day, and valuation coefficient are used in the calculation of non-cash collateral values to avoid any impairment and liquidity problem while cashing in collaterals whenever required.

In article 46 and 73 of 6362 no Capital Markets Law, it is legislated that clearing and custody agencies may request collateral from investment institutions and investors under investment services and activities, assets in guarantee fund, established with collaterals kept with clearing agencies to overcome clearing risks, cannot be seized or pledged even for public claims, cannot be included into bankruptcy estate and precautionary measure cannot be exercised over them. In this regard, collaterals entrusted to Takasbank are taken under legal protection and this situation creates a risk mitigating effect for the Bank's credit risk exposure.

In all CCP markets ensure that members perform their obligations promptly and in full to Takasbank, it is essential that risks are measured in an effective manner and monitored. In this regard;

- Initial margin level is calculated at regular intervals to include the recently experiences financial volatilities and monitored continuously in considering of market conditions and revised when required.
- Guarantee fund size is created used confidence levels, which describe very strong financial volatilities but of low possibility.
- Trade margin sufficiency should be followed to the extent of intraday price movement and position changes.
- Trade margins, guarantee fund contributions shares, sufficiency of resources allocated and committed from the Bank capital to CCP risks are followed at regular intervals via stress tests.
- Financial strength of members is monitored continuously and their trades are limited via established limits in light of financial strength.

Istanbul Settlement and Custody Bank Incorporation Central Counterparty Regulation regulates a detailed risk management framework such as membership types and trade limits, margining and guarantee fund, stress tests, risk management applications, model security and back test, position of internal system units activities within CCP risk management framework, risk mitigation methods and crisis management tools.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- 3. Credit Risk Disclosure (Continued)
- 3.1 General information about credit risk (continued)
- 3.1.1 General qualitative information about credit risk (continued).

In the second line of defence; within the scope of Takasbank Risk Management Communiqué the Bank manages credit risk by taking into account credit risk appetite, credit risk limits, signal values that set under early warning system, partial and holistic stress test and scenario analysis and internal capital adequacy assessment process. Measurement, monitoring, limit, stress test and scenario analysis studies are conducted at the bank by Risk Management Department subject to principle of proportionality and in alignment with the volume, nature and complexity of the operations in the three line of defence. It is essential that to reveal the credit risk that the Bank may face, risk measurement and monitoring activities are performed and the results are taken into consideration in the Bank's strategic decision-making processes. Furthermore, Internal Control and Compliance Department must control transaction of units that may cause credit risk, in line with legal regulations and internal regulation. Such control activities and control periods of the operations are determined annually in the Internal Control List. In addition to the related studies, Internal Control and Compliance Department and Internal Audit Department perform studies related to the Management Statement.

In the third line of defence, operations of these units are audited periodically by the Internal Audit Department, which inspects and audits on behalf of the Board of Directors. As an element, which has the ability to act independently and impartially within the organization, Internal Audit Department provides extensive assurance to Board of Directors and Senior Management. Audit provides assurance as to whether first and second lines of defence have reached credit risk management and risk control targets or not, on governance, credit risk management and effectiveness and efficiency of the designed controls. Factors such as the general effectiveness and efficiency of activities, the protection of assets, the reliability and robustness of reporting processes, the framework of credit risk management and internal control, operations units and their functions, infrastructure, asset management and information technology are included in the scope of the assurance reported to the Board of Directors and Senior Management. In this regard, the compliance of Bank's activities with the legislation, internal strategies, policies, principles and targets are examined.

Pursuant to article 46, paragraph 2 of Istanbul Settlement and Custody Bank Incorporation Central Counterparty Regulation is titled "Infrastructure of internal systems and information technologies" the soundness of the Bank's risk management and information technology infrastructures are audited semi-annually and the final report is sent to Capital Markets Board. In addition to this, subject to article 12 of again the respective regulation is titled "General obligations of CCP members" the task of overseeing and auditing whether CCP members serve their obligation or not, has been assigned to Takasbank, and the members must ensure the continuity of essential internal control, risk management and internal audit mechanisms to be a party to this service at CCP markets or CCP capital market instruments. In this regard on-site CCP member audits are conducted by Internal Audit Department.

e) Scope and main content of the reporting on credit risk exposure and on the credit risk management function to the executive management and to the board of directors:

The report containing credit risk based amount (including counterparty credit risk based amount as well) calculated according to standardised approach on monthly basis pursuant to Communiqué on Measurement and Assessment of Banks' Capital Adequacy and their sub-regulations, and the progress of credit risk appetite, credit risk limit and signal values and credit risk concentrations, are reported by Risk Management Department on daily basis to the Senior Management, monthly basis to the Audit Committee and Senior Management and on quarterly basis to the Executive Management.

Stress Test Report containing credit risk stress test and scenario analysis results, and ICAAP report are submitted to Executive Management annually by the Risk Management Department, and reported to the BRSA. In addition, adequacy of model employed in calculation of initial margin at CCP markets, and confidence level are analysed with back tests by the Bank. Results of stress tests and back tests performed by CCP Department, and if there are, suggested measures, are reported on quarterly basis via internal system units to the Board of Directors.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

## Risk Management Objectives and Policies (Continued)

#### 3.1.2 Credit quality of assets:

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Default represents the non-performing loans that recognized first paragraph of fifth article of Regulation on Identification and Provision against Non-Performing Loans and Other Receivables.

	a	b	c	d
Current Period	Gross amount valu	ned in accordance with TMS	Provisions	Net values (a+b-c)
	Defaulted	Non-defaulted exposures		
Loans	1,574	14,800	1,594	14,780
Debt securities	-	-	-	-
Off-balance sheet exposures	-	17,187,890	36,379	17,151,511
Total	1,574	17,202,690	37,973	17,166,291

Prior Period	Gross amount valu	ued in accordance with TMS	Provisions	Net values
	Defaulted Non-defaulted exposures			
Loans	1,574	198,856	1,574	198,856
Debt securities	-	36,947	-	36,947
Off-balance sheet exposures	-	17,937,202	-	17,937,202
Total	1,574	18,173,005	1,574	18,173,005

### 3.1.3 Changes in stock of default loans and debt securities

	Current	Prior
	Period	Period
Defaulted loans and debt securities at end of the previous reporting period	1,574	1,574
Loans and debt securities defaulted since the last reporting period	-	
Receivables back to non-defaulted status	-	-
Amounts written off	-	-
Other changes	-	-
Defaulted loans and debt securities at end of the reporting period	1,574	1,574

#### 3.1.4 Additional disclosure related to the credit quality

a) The scope and definitions of "past due" and "impaired" exposures used for accounting purposes and the differences, if any, between the definition of past due and default for accounting and regulatory purposes:

The Bank has no different receivable under the scope and definitions of "non-performing loans" and receivables for which "provisions have been reserved". The Bank has receivables from Merkez Menkul Kıymetler A.Ş. amounting to TL 1,574 under the name of Losses and Other Receivables.

- b) The extent of past-due exposures (more than 90 days) that are not considered to be impaired and the reasons for this. 100% provision is allocated for the above mentioned receivable.
- c) Description of methods used for determining impairments: 100% provision is reserved against receivables.
- d) The bank's own definition of a restructured exposure: The Bank does not have restructured receivables.
- e) Breakdown of exposures by geographical areas, industry and residual maturity:

The Bank has an outstanding claim from Merkez Menkul Kıymetler A.Ş. in the financial sector and this claim has no maturity. The respective amount is classified under non-performing loans.

- f) Amounts of impaired exposures (according to the definition used by the bank for accounting purposes) and related allowances and write-offs, broken down by geographical areas and industry: None.
- g) Ageing analysis of accounting past-due exposures: None.
- h) Breakdown of restructured exposures between impaired and not impaired exposures:

There is no restructured receivable.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- 4. Credit Risk Disclosure
- 4.1 Credit risk mitigation

4.1.1

## Qualitative disclosure requirements related to credit risk mitigation techniques

a) Core features of policies and processes for, and an indication of the extent to which the bank makes use of, on and off-balance sheet netting.

On-balance sheet and off-balance sheet nettings are not applied at the Bank.

b) Core features of policies and processes for collateral evaluation and management.

Trade margins and guarantee funds include trade and membership collaterals received at markets where service is provided, guarantee funds and assets kept by the Bank due to collateral agency service and invested by the Bank at best effort. Under the best performance effort criteria framework minimize credit risk, the method involving depositing at the outset The Central Bank of The Republic of Turkey with state banks and large scale banks, are chosen. In determining investment maturities, the collateral or guarantee fund structure of markets, where service is provided, and those markets' needs to use, are taken into account.

c) Information about market or credit risk concentrations under the credit risk mitigation instruments used (i.e. by guarantor type, collateral and credit derivative providers)

In credit risk mitigation, cash collateral and Government Debt Securities issued by the Ministry of Treasury and Finance of Turkey considered as liquid assets are used as collateral.

#### 4.1.2 Credit risk mitigation techniques

Current Period	Exposures unsecured: carrying amount as per TAS	Exposures secured by collateral	Collateralized amount of exposures secured by collateral	Exposures secured by financial guarantees	Collateralized amount of exposures secured by financial guarantees	Exposures secured by credit derivatives	Collateralized amount of exposures secured by credit derivatives
Loans	14,780	_	_	_	-	_	_
Debt securities	-	-	-	-	-	-	-
Total	14,780	-	-	-	-	-	-
Of which defaulted	1,574	-	-	-	-	-	-

Prior Period	Exposures unsecured: carrying amount as per TAS	Exposures secured by collateral	Collateralized amount of exposures secured by collateral	Exposures secured by financial guarantees	Collateralized amount of exposures secured by financial guarantees	Exposures secured by credit derivatives	Collateralized amount of exposures secured by credit derivatives
Loans	198,856	-	-	-	-	-	-
Debt securities	36,947	-	-	-	-	-	-
Total	235,803	-	-	-	-	-	-
Of which defaulted	1,574	-	-	-	-	-	-

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

## Risk Management Objectives and Policies (Continued)

#### Credit risk under standardised approach

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4.2

4.2.1

## Disclosures on banks' use of credit ratings under the standard approach for credit risk

a) Names of the external credit assessment institutions (ECAIs) and export credit agencies (ECAs) used by the bank, and the reasons for any changes over the reporting period:

As of 31 December 2018 in the calculation of the Bank's credit risk based amount, "Fitch Ratings" and "Japan Credit Rating Agency / (JCR)" and "Islamic International Rating Agency / (IIRA)" ratings are used for determining risk weights for "Receivables from Central Governments or Central Banks" risk class. Export credit agency ratings are not used by the Bank.

b) The asset classes for which each ECAI or ECA is used:

External credit ratings are used by the Bank for "Receivables from Central Governments or Central Banks" risk class. Export credit agency ratings are not used by the Bank.

c) A description of the process used to transfer the issuer to issue credit ratings onto comparable assets in the banking book:

In credit risk based amount calculation of the Bank, external credit ratings are not used except for the "Receivables from Central Governments or Central Banks" risk class.

d) The alignment of the alphanumerical scale of each agency used with risk buckets (except where Agency (BRSA) publishes a standard mapping with which the bank has to comply):

External credit rating agency ratings that are not on the organization's matching table, are not used.

#### 4.3 Credit risk under standardised approach

### 4.3.1 Credit risk exposure and credit risk mitigation techniques

Current Period	Exposures be and C		Exposures and (		RWA and RWA density	
Risk classes	On-balance sheet	Off- balance sheet	On- balance sheet	Risk	On- balance sheet	Off- balance sheet
	amount	amount	amount	classes	amount	amount
Exposures to sovereigns and their central banks	731,578	-	1,656,593	-	39,457	0.5%
Exposures to regional and local governments	-	-	-	-	-	-
Exposures to administrative bodies and non-commercial entities	-	-	-	-	-	-
Exposures to multilateral development banks	-	-	-	-	-	-
Exposures to international organizations	-	-	-	-	-	-
Exposures to banks and brokerage houses	10,919,918	8,178,589	10,919,918	7,253,574	4,742,638	61.8%
Exposures to corporates	-	8,907,698	-	8,907,698	2,643,052	34.5%
Retail exposures	-	-	-	-	-	-
Exposures secured by residential property	-	-	-	-	-	-
Exposures secured by commercial property	-	_	_	-	-	-
Past-due items	-	_	_	-	-	-
Exposures in high-risk categories	-	-	_	-	-	_
Exposures in the form of bonds secured by mortgages	-	_	_	-	_	_
Short term exposures to banks, brokerage houses and corporates	-	_	_	-	_	_
Exposures in the form of collective investment undertakings	-	-	-	-	-	-
Other exposures	142,870	101,603	142,870	101,603	244,413	3.2%
Equity share investments	-	-	-	-	-	-
Total	11,794,366	17,187,890	12,719,381	16,262,875	7,669,560	100.0%

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- Risk Management Objectives and Policies (Continued)
- Credit risk under standardised approach (continued)
- 4.3.1 Credit risk exposure and credit risk mitigation techniques (continued)

Prior Period		efore CCF and RM		post-CCF and RM	RWA and RWA density	
	On- balance		On- balance			
	sheet	Off-balance	sheet	Off-balance		RWA
Risk classes	amount	sheet amount	amount	sheet amount	RWA	density
Exposures to sovereigns and their central banks	37,390	-	884,463	-	-	-
Exposures to regional and local governments	-	-	-	-	-	-
Exposures to administrative bodies and non-commercial entities	-	-	-	-	-	-
Exposures to multilateral development banks	-	-	-	-	-	-
Exposures to international organizations	-	-	-	-	-	-
Exposures to banks and brokerage houses	10,385,999	9,652,130	10,385,999	8,805,057	4,923,160	67.6%
Exposures to corporates	-	7,987,461	-	7,987,461	1,969,035	27.1%
Retail exposures	-	-	-	-	-	-
Exposures secured by residential property	-	-	-	-	-	-
Exposures secured by commercial property	-	-	-	-	-	-
Past-due items	-	-	-	-	-	-
Exposures in high-risk categories	-	-	-	-	-	-
Exposures in the form of bonds secured by mortgages	-	-	-	-	-	-
Short term exposures to banks, brokerage houses and corporates	-	-	-	-	-	-
Exposures in the form of collective investment undertakings	-	-	-	-	-	-
Other exposures	88,723	297,611	88,723	297,611	386,297	5.3%
Equity share investments	-	-	-	-	· -	-
Total	10,512,112	17,937,202	11,359,185	17,090,129	7,278,492	100.0%

#### **Current Period:**

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4.3

	00/	400/	2007(1)	<b>500</b> ((I)	0/==	0(100(1)	0/450	0/200	Other	Total credit risk exposure amount (after CCF and
Asset Classes / Risk Weights	0%	10%	20%(1)	50%(1)	%75	%100 <sup>(1)</sup>	%150	%200	weights	CRM)
Exposures to central governments or central banks	1,577,679	_	-	78,914	_	-	_	_	_	1,656,593
Exposures to regional governments or local authorities	-	_	-	_	_	-	-	-	-	-
Exposures to public sector entities	-	_	-	-	_	-	-	-	-	-
Exposures to multilateral development banks	-	-	-	-	-	-	-	-	-	-
Exposures to international organisations	-	-	-	-	-	-	-	-	-	-
Exposures to brokerage houses and banks	1,183,328	-	12,508,145	4,482,019	-	-	-	-		18,173,492
Exposures to corporates	16,504	-	6,091,817	2,749,377	-	50,000	-	-	-	8,907,698
Retail exposures	-	-	-	-	-	-	-	-	-	-
Exposures secured by residential property	-	-	-	-	-	-	-	-	-	-
Exposures secured by commercial real estate	-	-	-	-	-	-	-	-	-	-
Past-due loans	-	-	-	-	-	-	-	-	-	-
Higher-risk categories by the Agency Board	-	-	-	-	-	-	-	-	-	-
Exposures in the form of covered bonds	-	-	-	-	-	-	-	-	-	-
Exposures to institutions and corporates with a										
short-term credit assessment	-	-	-	-	-	-	-	-	-	-
Exposures in the form of units or shares in collective										
investment undertakings (CIUs)	-	-	-	-	-	-	-	-	-	-
Investments in equity shares	-	-	-	-	-	-	-	-	-	-
Other assets	60	-	-	-	-	244,413	-	-	-	244,473
Total	2,777,571	-	18,599,962	7,310,310	-	294,413	-	-	-	28,982,256

<sup>(1)</sup> Means unrated receivables.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- Risk Management Objectives and Policies (Continued)
- Credit risk under standardised approach (continued)
- 4.3.1 Credit risk exposure and credit risk mitigation techniques(continued)

#### **Prior Period:**

IX.

4.3

Asset Classes / Risk Weights	0%	10%	20%(1)	50% <sup>(1)</sup>	%75	%100 <sup>(1)</sup>	9/.150	%200	Other risk weights	Total credit risk exposure amount (after CCF and CRM)
Asset Classes / Risk Weights	0 /0	10 /0	20 /0	30 /6	/0/3	/0100	/0130	/6200	weights	CKWI)
Exposures to central governments or central banks	884,463	-	-	_	_	_	_	_	_	884,463
Exposures to regional governments or local authorities	-	-	-	-	-	-	-	-	-	<u>-</u>
Exposures to public sector entities	-	-	-	-	-	-	-	-	-	-
Exposures to multilateral development banks	-	-	-	-	-	-	-	-	-	-
Exposures to international organisations	-	-	-	-	-	-	-	-	-	-
Exposures to brokerage houses and banks	1,268,811	-	13,459,875	4,462,370	-	-	-	-	-	19,191,056
Exposures to corporates	-	-	6,748,985	1,238,476	-	-	-	-	-	7,987,461
Retail exposures	-	-	-	-	-	-	-	-	-	-
Exposures secured by residential property	-	-	-	-	-	-	-	-	-	-
Exposures secured by commercial real estate	-	-	-	-	-	-	-	-	-	-
Past-due loans	-	-	-	-	-	-	-	-	-	-
Higher-risk categories by the Agency Board	-	-	-	-	-	-	-	-	-	-
Exposures in the form of covered bonds	-	-	-	-	-	-	-	-	-	-
Exposures to institutions and corporates with a										
short-term credit assessment	-	-	-	-	-	-	-	-	-	-
Exposures in the form of units or shares in collective										
investment undertakings (CIUs)	-	-	-	-	-	-	-	-	-	-
Investments in equity shares	-	-	-	-	-	-	-	-	-	-
Other assets	37	-	-	-	-	386,297	-	-	-	386,334
Total	2,153,311	-	20,208,860	5,700,846		386,297		-	_	28,449,314

<sup>(1)</sup> Means unrated receivables.

#### 5. Qualitative Disclosure Related to Counterparty Credit Risk

Transactions subject to counterparty credit risk are considered as credit risk. These transactions consist of reverse repo transactions executed on behalf of closed brokerage houses depending on assignment by Capital Markets Board.

Performance of Bank's operation within the limits of legal and internal capital limits and below the credit risk appetite established by the Board of Directors, constitutes credit risk policy of the Bank.

### 5.1 Analysis of counterparty credit risk (CCR) exposure by approach

Current Period	Replacement cost	Potential future exposure	EEPE <sup>(1)</sup>	Alpha used for computing regulatory EAD	EAD post CRM	Risk Weighted Amounts
Standardised approach-CCR (for derivatives)	-	-		1.4	-	-
Internal model method (derivative financial						
instruments, repo transactions, securities or						
commodity lending or borrowing transactions, for long time swap transactions with credit securities						
transactions)			_	_	_	_
Simple approach for credit risk mitigation(repo						
transactions, securities or commodity lending or						
borrowing transactions, for a long time swap						
transactions with credit securities transactions)					26	5.2
Comprehensive approach for credit risk						
mitigation (repo transactions, securities or commodity lending or borrowing transactions, for						
a long time swap transactions with credit securities						
transactions)					_	_
Repo transactions, securities or commodity lending						
or borrowing transactions, long-term transactions						
of swaps and risk exposure for credit securities						
transactions					-	-
Total						5.2

<sup>(1)</sup> Effective Expected Positive Exposure

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- Risk Management Objectives and Policies (Continued)
- Qualitative Disclosure Related to Counterparty Credit Risk (Continued)
- 5.1 Analysis of counterparty credit risk (CCR) exposure by approach (continued)

		Potential		Alpha used for computing		
	Replacement	future		regulatory	EAD post	Risk Weighted
Prior Period	cost	exposure	$\mathbf{EEPE}^{(1)}$	EAD	CRM	Amounts
Standardised approach-CCR (for derivatives)	-	-		1.4	-	-
Internal model method (derivative financial						
instruments, repo transactions, securities or						
commodity lending or borrowing transactions, for						
long time swap transactions with credit securities						
transactions)			-	-	-	-
Simple approach for credit risk mitigation(repo						
transactions, securities or commodity lending or						
borrowing transactions, for a long time swap						
transactions with credit securities transactions)					28	5.6
Comprehensive approach for credit risk						
mitigation (repo transactions, securities or						
commodity lending or borrowing transactions, for						
a long time swap transactions with credit securities						
transactions)					-	-
Repo transactions, securities or commodity lending						
or borrowing transactions, long-term transactions						
of swaps and risk exposure for credit securities						
transactions					-	<u> </u>
Total						5.6

<sup>(1)</sup> Effective Expected Positive Exposure

#### **Current period:**

IX.

5.

Risk Weight/Regulatory portfolio	0%	10%	20%	50%	75%	100%	150%	Others	Total credit exposure
Tion (reignategulator) portroito	0 7 0	1070	2070	2070	7070	10070	10070	Others	скрозите
Exposures to sovereigns and their central banks	_	-	-	_	_	_	_	_	-
Exposures to regional and local government	-	-	-	-	-	-	-	-	-
Exposures to administrative bodies and non-									
commercial entities	-	-	-	-	-	-	-	-	-
Exposures to multilateral development banks	-	-	-	-	-	-	-	-	-
Exposures to international organizations	-	-	-	-	-	-	-	-	-
Exposures to banks and brokerage houses	-	-	26	-	-	-	-	-	26
Exposures to corporates	-	-	-	-	-	-	-	-	-
Retail exposures	-	-	-	-	-	-	-	-	-
Exposures secured by residential property	-	-	-	-	-	-	-	-	-
Exposures secured by commercial property	-	-	-	-	-	-	-	-	-
Past-due items	-	-	-	-	-	-	-	-	-
Exposures in high-risk categories	-	-	-	-	-	-	-	-	-
Exposures in the form of bonds secured by									
mortgages	-	-	-	-	-	-	-	-	-
Short term exposures to banks, brokerage houses and									
corporates	-	-	-	-	-	-	-	-	-
Exposures in the form of collective investment									
undertaking	-	-	-	-	-	-	-	-	-
Equity share investments	-	-	-	-	-	-	-	-	-
Other exposures	-	-	-	-	-	-	-	-	-
Other assets	-	-	-	-	-	-	-	-	-
Total	-	-	26	-	-	-	-	-	26

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
  - Qualitative Disclosure Related to Counterparty Credit Risk (Continued)
- 5.1 Analysis of counterparty credit risk (CCR) exposure by approach (continued)

### **Prior Period:**

5.

Risk Weight/Regulatory portfolio	0%	10%	20%	50%	75%	100%	150%	Others	Total credit exposure
Exposures to sovereigns and their central									
banks	-	-	-	-	-	-	-	-	-
Exposures to regional and local government	-	-	-	-	-	-	-	-	-
Exposures to administrative bodies and non- commercial entities	_	_	_	_	_	_	_	_	_
Exposures to multilateral development banks	_	_	_	_	_	_	_	_	_
Exposures to international organizations	_	_	_	_	_	_	_	_	_
Exposures to banks and brokerage houses	_	_	28	_	_	_	_	_	28
Exposures to corporates	_	_	-	_	_	_	_	_	
Retail exposures	_	_	_	_	_	_	_	_	_
Exposures secured by residential property	_	_	_	_	_	_	_	_	_
Exposures secured by commercial property	_	_	_	_	_	_	_	_	_
Past-due items	_	_	_	_	_	_	_	_	_
Exposures in high-risk categories	_	_	_	_	_	_	_	_	-
Exposures in the form of bonds secured by									
mortgages	-	-	-	-	-	-	-	-	_
Short term exposures to banks, brokerage									
houses and corporates	-	-	-	-	-	-	-	-	-
Exposures in the form of collective investment									
undertaking	-	-	-	-	-	-	-	-	-
Equity share investments	-	-	-	-	-	-	-	-	-
Other exposures	-	-	-	-	-	-	-	-	-
Other assets	-	-	-	-	-	-	-	-	-
Total			28						28

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- 5. Qualitative Disclosure Related to Counterparty Credit Risk (Continued)
- 5.2 Collaterals for counterparty credit risk

		Collater	ral for derivati	ive transactions	Colla	teral for other transactions
	Col	Collateral received Collateral given Co		Collateral	Collateral	
Current Period	Segregated	Unsegregated	Segregated	Unsegregated	received	given
Cash-domestic currency	-	-	-	-	_	-
Cash-foreign currency	-	-	_	-	-	-
Sovereign debts- domestic	-	_	-	-	19,528	-
Sovereign debts -other	-	-	_	-	-	-
Government agency debts	-	-	-	-	-	-
Corporate debts	-	-	_	-	-	-
Equity securities	-	_	_	_	-	-
Other collateral	-	-	-	-	-	-
Total	-	-	-	-	19,528	-
					Colla	teral for other
		Collater	ral for derivati	ive transactions		transactions
	Col	lateral received		Collateral given	Collateral	Collateral
Prior Period	Segregated	Unsegregated	Segregated	Unsegregated	received	given
Cash-domestic currency	-	_	-	_	_	_
Cash-foreign currency	-	_	_	_	_	-
Sovereign debts- domestic	-	_	_	_	20,805	-
Sovereign debts -other	-	-	_	-	´ -	-
Government agency debts	-	_	_	_	_	-
Corporate debts	-	-	-	-	-	-
Equity securities	-	-	-	-	-	-
Other collateral	-	-	-	-	-	-
Total			_	_	20,805	

#### 5.3 Credit derivatives

None (31 December 2017: None).

### 5.4 Central counterparty risk

None (31 December 2017: None).

#### 6. Securitization Disclosures

Since the Bank does not have any securitization, the relevant tables and explanations that should be prepared within the scope of "Communiqués on Public Disclosure of Risk Management of Banks" are not given.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

### Risk Management Objectives and Policies (Continued)

#### 7. Market Risk Disclosures

IX.

7.1

### Qualitative disclosure requirements related to market risk

a) Strategies and processes of the bank: this must include an explanation of Bank management's strategic objectives in undertaking trading activities, as well as the processes implemented to identify, measure, monitor and control the bank's market risks, including policies for hedging risk and strategies/processes for monitoring the continuing effectiveness of hedges.

Market risk is defined as the loss that the Bank's on-balance and off-balance sheet positions may be exposed to in the context of FX risk and interest rate risk arising from movements on market prices.

The Bank's fund management strategy has been devised in alignment with the objectives to avoid any liquidity issue, ensure optimization on the risk-return balance and invest resources at highest return rates by taking reasonable level of risk. It is essential that fund management operations remain within legal limits and is executed in light of the Bank's market risk appetite and market risk limits and signal values.

In accordance with the fund management strategy in effect, treasury operations are executed with banks to whom limits have been allocated by the Board of Directors and largely with state owned banks, only highly liquid government debt securities are issued by the Ministry of Treasury and Finance of Turkey are purchased for the Bank's securities portfolio. Nevertheless, derivative products may be used for hedging purposes. In the balance sheet composition, it is shown attention to match of asset and liability by the maturity and currency.

Capital requirement is calculated for FX risk over foreign currency on-balance sheet and off-balance sheet net position amounts. Market risk is measured by the Bank with standard method, subject to the Communiqué on Measurement and Assessment of Banks' Capital Adequacy and the points as per its sub-regulations.

Value at market risk and internal capital requirement for market risk are calculated on daily basis to inform Senior Management, using internal method specified in Communiqué on Measurement and Assessment of Banks' Capital Adequacy and its subregulations. Moreover, with respect to market risk, partial stress tests are conducted on daily and monthly basis, whereas holistic stress tests and scenario analyses are executed on annually basis, and FX net general position/shareholders' equity standard ratio trend is followed.

Market risk appetite has been determined by the Board of Directors and is reviewed at least once a year. Moreover, to control market risk, market risk limit and signal value have been established by the Board of Directors to avoid overflows of the market risk appetite. Market risk limit is monitored on daily basis by Risk Management Department.

Audit Committee, Senior Management and unit managers performing the respective process at the management of the business lines are notified by the Risk Management Department via email when the signal value is reached. If the allocated market risk limit and market risk appetite is exceeded, written information is provided to the Audit Committee by the Risk Management Department to notify Senior Management and Board of Directors ensuring that required measures are taken.

Details regarding risk management activities and actions performed under market risk, take part in the Takasbank Restructuring Plan endorsed by the Board of Directors.

b) Structure and organisation of the market risk management function: description of the market risk governance structure established to implement the strategies and processes of the bank discussed in row (a) above, and describing the relationships and the communication mechanisms between the different parties involved in market risk management.

In market risk management three-line of defence approach consisting of business line management, central risk management function and independent review is used. Accordingly;

Under the management of the business line, process and sub-process based risks and controls are defined by Treasury Management Team and Payment and Transfer Services Department, and Senior Management is informed ensuring that appropriate actions are taken.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- IX. Risk Management Objectives and Policies (Continued)
- 7. Market Risk Disclosures (Continued)
- 7.1 Qualitative disclosure requirements related to market risk (continued)
  - Central risk management function is facilitated by establishing market risk and control systems within the Bank, segregation of duties and responsibilities and review of process and functions by Internal Control and Compliance Department besides operational units performing such functions. Internal Control and Compliance Department perform activities involving controlling that the banking and capital markets activities offered by the Bank are compliant with respective legal regulations, internal regulations and where necessary compliant with international practices in an effective and adequate manner at first line, as "secondary phase protection" element. Such activities and their control periods are determined annually in the Internal Control List. Furthermore, Internal Control and Compliance Department and Internal Audit Department conduct tasks related to the Management Statement.
  - Independent review process involves assessment of risk management and internal control framework from all aspects. Internal Audit Department provides extensive assurance for Board of Directors and Senior Management, as an element capable of acting independently and impartially within the organization. During audit activities, primarily compliance of the Bank activities with the regulations, internal strategies, policies, principles and targets are analysed. In addition, reports are submitted to Board of Directors and Senior Management on whether first and second line of defence have reached market risk management and risk control targets or not, and on effectiveness and efficiency of market risk management and designed controls. Elements such as effectiveness and efficiency of Bank operations, protection of assets, reliability and soundness of reporting processes, market risk management and internal control framework, operation units and their functions, infrastructure, asset management and information technology are included into the scope of assurance reported to Board of Directors and Senior Management.

Market risk related to operations are maintained by business lines with a perspective focused on risk. At the first line of defence; distribution of the Bank portfolio based on maturity and instrument and market developments are monitored constantly by Fund Management Team and Executive Management, the strategy in question is reviewed at least once a year in light of the Bank's business and trade volume and area of activity. Segregation of duties principle is applied at authority and responsibility level in front office and back office practices.

To be able to manage effectively market risk exposure arising from CCP operations, in determining collateral valuation coefficients at the outset market risk and the risk exposure that shall be faced during conversion of collateral to cash are taken into account, variation margins are calculated on daily basis and settlement prices are set in a healthy manner. Position and margins are valued at intraday and end of day market prices, thus margin-risk balance is monitored by CCP Department close to real-time.

At the second line of defence; within the Takasbank Risk Management Communiqué framework, the Bank manages market risk by taking into account market risk appetite, established market risk limit, signal value determined within the scope of early warning system and internal capital requirement. Moreover, on daily basis the portfolio's value at risk is calculated; the amount of loss that the portfolio may face in the utmost adverse market conditions is calculated using partial and holistic stress tests and scenario analyses monitored by internal capital requirement calculation, and results are reported on daily and monthly basis to Senior Management, quarterly and annually basis to Executive Management.

In addition to the controls performed in the first line of defence, operations of the respective units are also controlled based on risk during certain periods by Internal Control and Compliance Department in second line of defence in terms of compliance with legal regulations and internal regulations. And in third line of defence operations of these units are audited periodically by Internal Audit Department inspecting and auditing on behalf of the Board of Directors. As an element, which is capable of acting independently and impartially within the organization, Internal Audit Department provides extensive assurance to the Board of Directors and Senior Management. The audit provides assurance as to whether the first and second lines of defences have reached market risk management and risk control targets or not, and on governance, market risk management and effectiveness/efficiency of designed controls. Usually elements such as effectiveness and efficiency of operations, protection of assets, reliability and soundness of reporting processed, market risk management and internal control framework, operational units and their functions, infrastructure, asset management and information technology are included into the scope of assurance reported to Board of Directors and Senior Management. In this regard relevance of Bank operations to the regulations, internal strategies, policies, principles and targets, is reviewed.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

- Risk Management Objectives and Policies (Continued)
- 7. Market Risk Disclosures (Continued)

IX.

7.1

- Qualitative disclosure requirements related to market risk (continued)
- c) Scope and nature of risk reporting and/or measurement systems:

Market risk is measured on monthly basis according to standard method in accordance with Communiqué on Measurement and Assessment of Banks' Capital Adequacy and its sub-regulations, and reported to the BRSA. In addition to this market risk based amount, internal market risk capital requirement and market risk limit are calculated on daily basis to inform the Senior Management, by using the internal method as per the respective Communiqué and its sub-regulations, and the results are reported by the Risk Management Department to Senior Management, and the respective unit managers.

Reports containing information regarding the Bank's market risk based amount, market risk appetite and market risk limit and signal value conformity levels, treasury operations, FX net general position/shareholders' equity standard ratio trend and market risk internal model outcomes are reported by the Risk Management Department on monthly basis to the Audit Committee and Senior Management, and on quarterly basis to the Executive Management. Back tests are conducted to establish that conceptual soundness of the employed internal model and all critical risks are embodied in the model, and the results are reported to the Executive Management. Moreover, partial stress tests performed by Risk Management Department with respect to market risk are reported on daily basis to the Senior Management, and operational unit managers in charge of risk, and on monthly basis to the Executive Management.

Furthermore, Stress Test Report containing market risk holistic stress test and scenario analyses results and ICAAP report are submitted annually to the Executive Management by the Risk Management Department, and following approval by the Board of Directors, reported to the BRSA.

#### d) Explanations related to market risk

	Risk Weighted	Amount	
	Current Period	Prior Period	
Outright products			
Interest rate risk (general and specific)	-	-	
Equity risk (general and specific)	-	-	
Foreign exchange risk	15,938	10,088	
Commodity risk	-	-	
Options			
Simplified approach	-	-	
Delta-plus method	-	-	
Scenario approach	-	-	
Securitization	-	-	
Total	15,938	10,088	

The footnotes and related explanations prepared in accordance with the Communiqué on "Public Disclosures related with Banks' Risk Management Regulations" published in Official Gazette No. 29511 on 23 October 2015 and entered into force as of 30 September 2016 are given in this section. The following tables, which should be given in six months periods in accordance with the related communiqué, have not been presented as of 31 December 2018 as the standard approach is used in the calculation of Bank's capital adequacy:

- -Internal model method for trading account
- -Comparison with profit/loss and VaR estimated

X.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

#### Explanations Related to Presentation of Financial Assets and Liabilities at Fair Value

The estimated fair value of funds provided from other financial institutions with fixed interest rate is calculated by determining their cash flows discounted by the current interest rates used for other liabilities with similar characteristics and maturity structure. The fair value of loans is calculated by determining the cash flows discounted by the current interest rates used for receivables with similar characteristics and maturity structure. The book value of the banks, money market placements, and funds borrowed from other financial institutions and sundry creditors reflect their fair values since they are short-term.

As at 31 December 2017, the fair value of held-to-maturity investments is determined based on quoted market prices for other marketable securities subject to the same qualification in terms of interest rates, maturities and other similar circumstances, if the market prices are not determined. As of 31 December 2017, the fair value hierarchy of the held-to-maturity investments is determined as level 1.

The table below shows the book value and the fair value of the financial assets and liabilities.

	Book Value	Fair Value
	31 December 2018	31 December 2018
Financial Assets	11,547,983	11,547,983
Financial assets at fair value through profit/loss	-	-
Money market placements	645,263	645,263
Banks	10,884,838	10,884,838
Financial assets at fair value through other comprehensive income	3,082	3,082
Financial assets at fair value through amortized cost	-	-
Loans	14,800	14,800
Financial Liabilities	9,922,992	3,425,414
Bank deposits	-	-
Other deposits	-	-
Payables to money market	-	-
Funds borrowed from other financial institutions	3,425,414	3,425,414
Securities issued	-	-
Other liabilities	6,497,578	-
	Book Value	Fair Value
	31 December 2017	31 December 2017
Financial Assets	10,421,952	10,422,275
Financial assets at fair value through profit/loss	-	-
Money market placements	20,833	20,833
Banks	10,163,484	10,163,484
Available-for-sale financial assets	1,832	1,832
Held-to-maturity investments	36,947	37,270
Loans	198,856	198,856
Financial Liabilities	9,209,939	9,209,939
Bank deposits	-	-
Other deposits	-	-
Payables to money market	34,737	34,737
Funds borrowed from other financial institutions	3,204,584	3,204,584
Securities issued	-	· -
Sundry creditors	5,970,618	5,970,618

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

### **Explanations Related to Presentation of Financial Assets and Liabilities at Fair Value (Continued)**

Fair value classifications is as follows:

X.

Level 1: Registered in active markets price for identical assets or liabilities (unadjusted)

Level 2: Other than published prices included within Level 1, either directly (by price) or indirectly (derived from price) observable datas in terms of assets or liabilities

Level 3: Not based on observable market data in relation to assets or liabilities

Current Period	Level 1	Level 2	Level 3	Total
<b>Financial Assets</b>	-	3,082	=	3,082
Government Bonds	-	-	-	
Financial Assets at Fair Value Through Other				
Comprehensive Income	-	3,082	-	3,082
Financial Derivative Assets for Trading	-	-	-	
Financial Liabilities	-	-	-	-
Financial Derivative Liabilities Held for Cash				
Flow Hedges	-	-	-	-
Financial Derivative Liabilities for Trading	-	-	-	
Prior Period	Level 1	Level 2	Level 3	Total
Financial Assets	-	1,832	=	1,832
Government Bonds	-	-	-	-
Available-For-Sale Financial Assets	-	1,832	-	1,832
Financial Derivative Assets for Trading	-	-	-	-
Financial Liabilities	-	-	-	-
Financial Derivative Liabilities Held for Cash				
Flow Hedges	-	-	-	-
Financial Derivative Liabilities for Trading	-	-	-	

### XI. Explanations Related to Transactions Made on Behalf of Others and Fiduciary Transactions

The Bank carries out trading, custody, management and advisory services on others' behalf and account.

Off balance sheet contingencies and commitments table, TL 1,178 (31 December 2017: TL 1,420) consists of sales and securities which are traded on BİAŞ. Under the fiduciary transactions agreement, there are no transactions carried out with other financial institutions and there are no financial services rendered directly in this context.

According to the Articles of Association of the Bank, the services and operations of the Bank are performing the custody of the securities, precious metals and other securities and the clearing and settlement of cash and security commitments arising from the purchases and sales on stock exchanges. The Bank also provides settlement and custody services for Derivatives Exchange Market, Electricity Market and Leveraged Trading Operations. Related to above mentioned transactions, the total amount of guarantees obtained from Bank's customers comprising treasury bills, government bonds, letter of guarantees and stocks are listed below.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

### **Explanations on Segment Reporting**

XII.

The Bank operates mainly in clearing-operation, custody, loans and treasury.

Current Period	Operation				
	o p	MM	Transactions	Undistributed	Total
Cash and Balances with Central Bank	-	-	79,037	-	79,037
Financial Assets At Fair Value Through Profit/Loss (Net)	-	-	10.004.020	-	10 00 4 02
Banks	-	-	10,884,838		10,884,838
Money Markets	-	-	2.092	645,263	645,263
Financial Assets At Fair Value Through Other Comprehensive Income	-	14.700	3,082	-	3,082
Loans	-	14,780	-	-	14,780
Financial Assets At Fair Value Through Amortized Cost	-	-	-	-	
Subsidiaries	-	-	4.025	-	4.00
Joint Ventures (Net)	-	-	4,825	11.047	4,825
Tangible Assets (Net)	-	-	-	11,847	11,847
Intangible Assets (Net)	-	-	-	102,497	102,497
Investment Properties (Net)		-	-	9,187	9,187
Tax Assets	11.106	-	-	8,662	8,662
Other Assets	14,406	-	-	16,759	31,165
Total Assets	14,406	14,780	10,971,782	794,215	11,795,183
Funds Borrowed	-	-	3,425,414	-	3,425,414
Debts to the Money Markets	-	_	-	-	
Funds	5,903,790	126,640	_	467,148	6,497,578
Provisions	-	22,505	_	53,581	76,086
Tax Liability	_	-	_	50,620	50,620
Shareholder's Equity	-	-	-	1,745,485	1,745,485
Total Liabilities	5,903,790	149,145	3,425,414	2,316,834	11,795,183
	, ,	,	, ,	, ,	, ,
Prior Period	Custody, Clearing and Operation	Loans and MM	Treasury Transactions	Undistributed	Total
Cash and Balances with Central Bank	Operation	171171	480	Chaistributea	480
Financial Assets At Fair Value Through Profit/Loss (Net)	_	_			400
Banks	_	_	10,163,484	_	10,163,484
Money Markets	-	-	10,103,464	20,833	20,833
Available-For-Sale Financial Assets (Net)	-	-	1,832	20,655	1,832
Avanable-rof-sale riffancial Assets (Net)  Loans	-	198,856	1,032	-	1,832
Held-to-Maturity Securities (Net)	-	190,030	36,947	- -	36,947
Subsidiaries	-	-	30,947	-	30,947
Joint Ventures (Net)	-	-	4,825	-	4,825
	-	-	4,823	7 427	4,823 7,437
Tangible Assets (Net)	-	-	-	7,437 98,095	98,095
Intangible Assets (Net)	-	-	-		,
Investment Properties (Net)				9,495	9,495
Tax Assets Other Assets	9,906	-	-	12,239	22,145
Total Assets	9,906	198,856	10,207,568	148,099	10,564,429
rotal rosots	3,500	190,020	10,207,000	110,055	10,001,125
Funds Borrowed	-	-	3,144,268	-	3,144,268
Debts to the Money Market	-	-	34,737	-	34,737
Miscellaneous Payables	5,717,171	125,846	-	127,601	5,970,618
Other Liabilities	60,316	´ -	-	, <u>-</u>	60,316
Provisions		48,139	-	33,923	82,062
	_	-,	_	26,166	26,166
Lax Liability				-0,100	,
Tax Liability Shareholder's Equity	-	-	-	1,246,262	1,246,262

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## INFORMATION ON FINANCIAL STRUCTURE AND RISK MANAGEMENT (Continued)

## XII. Explanations on Segment Reporting (Continued)

	Custody,				
Current Period	Clearing and Operation	Loans and MM	Treasury Transactions	Other	Total
	•				
Net Interest Income	-	15,698	516,706	-	532,404
Net Fees and Commissions Income and Other Operating					
Income	163,457	51,524	-	-	214,981
Dividend Income	-	-	600	-	600
Trading Profit/Loss	-	-	7,573	-	7,573
Other Operating Receivables	-	-	-	3,060	3,060
Impairment Provision for Loans and Other Receivables	-	13,918	-	-	13,918
Other Operating Expenses	-	-	-	(131,977)	(131,977)
Profit Before Taxes	163,457	53,304	524,879	(128,917)	612,723
Tax Provision	-	-	· -	(132,983)	(132,983)
Net profit for the period	163,457	53,304	524,879	(261,900)	479,740

	Custody, Clearing and		Treasury		
Prior Period		Loans and MM	Transactions	Other	Total
Net Interest Income	_	17,763	301,957	_	319,720
Net Fees and Commissions Income and Other Operating		.,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Income	110,576	39,026	-	-	149,602
Dividend Income			30	-	30
Trading Profit/Loss	-	-	562	-	562
Other Operating Receivables	-	-	-	329	329
Impairment Provision for Loans and Other Receivables	-	16,931	-	-	16,931
Other Operating Expenses	-	-	-	104,664	104,664
Profit Before Taxes	110,576	39,858	302,549	(104,335)	348,648
Tax Provision	· -	, -	-	(72,277)	(72,277)
Net profit for the period	110,576	39,858	302,549	(176,612)	276,371

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### **SECTION FIVE**

I.

1.

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS

## **Explanations and Notes Related to the Assets**

#### Information on cash and balances with the Central Bank of Turkey:

a) Information on cash and balances with the Central Bank of Turkey:

	Current Period	Current Period		
	TL	FC	TL	FC
CBRT	63	78,914	443	-
Cash/Foreign Currency	60	-	37	-
Other	-	-	-	-
Total	123	78,914	480	-

b) Information related to the account of the Central Bank of Turkey:

	Current Period		Prior Period		
	TL	FC	TL	FC	
Unrestricted demand deposit	63	-	443	-	
Unrestricted time deposit	-	78,914	-	-	
Restricted time deposit	-	-	-	-	
Total	63	78,914	443		

### c) Information on required reserves:

In accordance with the Official Statement numbered 2013/15 about Required Reserves, liabilities that are subject to required reserves have been changed. Required reserves are not kept in the Central Bank of Turkey as the liabilities stated in the newly announced Official Statement are lacked in the Bank.

## 2. Information on financial assets at fair value through profit and loss (net):

- a) Information on government debt securities: None (31 December 2017: None).
- b) Information on marketable securities representing the Bank's share: None (31 December 2017: None).
- c) Information on other financial assets: None (31 December 2017: None).

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

## **Explanations and Notes Related to the Assets (Continued)**

#### 3. Information on banks

I.

a) Information on banks and other financial institutions:

	Current Period		Prior Period	Ī	
	TL	FC	TL	FC	
Banks					
Domestic	6,362,584	4,428,698	5,717,172	4,376,869	
Foreign	-	93,556	-	69,443	
Branches and overseas head office	-	-	-	-	
Total	6,362,584	4,522,254	5,717,172	4,446,312	

Information on foreign banks account:

	Unrestricted an	nount	Restricted ar	nount
	Current Period Prior Period		<b>Current Period</b>	Prior Period
European Union Countries	77,234	68,458	-	-
USA, Canada	16,322	985	-	-
OECD countries	-	-	-	-
Off-shore banking regions	-	-	-	-
Other	-	-	-	-
Total	93,556	69,443	-	-

## b) Information on receivables from money markets:

The details about the receivables from Money Markets are as below:

	Current Period	Current Period
Reverse repo belongs to problematical member cash balance Receivables from Central Bank	19,554 625,709	20,833
Total	645,263	20,833

### 4. Information on financial assets at fair value through other comprehensive income:

### a) Information on equity instruments:

	(	Current Period	
Name	Acquired On	Amount	Ratio (%)
Türkiye Ürün İhtisas Borsası A.Ş. (Tübaş)	2 July 2018	1,250	5.00
Ege Tarım Ürünleri Lisanslı Depoculuk A.Ş.	3 January 2011	637	4.12
S.W.I.F.T.SCRL	24 April 2009	339	0.02
Borsa İstanbul A.Ş.	31 May 2013	324	0.15
SASE - Sarajevo Menkul Kıymetler Borsası	18 May 2011	322	5.00
Sermaye Piyasası Lisanslama Sicil ve Eğitim Kuruluşu A.Ş.	29 July 2011	210	10.50
Total		3,082	

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş.

NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2018

## EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

## **Explanations and Notes Related to the Assets (Continued)**

### Information on financial assets at fair value through other comprehensive income (continued):

The details of available for sale assets are given below:

		Prior Period	
Name	Acquired On	Amount	Ratio (%)
Ege Tarım Ürünleri Lisanslı Depoculuk A.Ş.	3 January 2011	637	4.12
S.W.I.F.T.SCRL	24 April 2009	339	0.55
Borsa İstanbul A.Ş (VOBAŞ Transfer Shares)	31 May 2013	324	0.15
SASE - Sarajevo Menkul Kıymetler Borsası	18 May 2011	322	5.00
Sermaye Piyasası Lisanslama Sicil ve Eğitim Kuruluşu A.Ş.	29 July 2011	210	10.50
Total		1,832	

	Current Period
D. L. G	
Debt Securities	-
Quoted on a stock exchange	-
Not quoted on a stock exchange	-
Share certificates	3,082
Quoted on a stock exchange	-
Not quoted on a stock exchange (1)	3,082
Impairment provision(-)	-
Total	3,082

Available for sale assets	Prior Period
D.V.G., W.	
Debt Securities	-
Quoted on a stock exchange	-
Not quoted on a stock exchange	-
Share certificates	1,832
Quoted on a stock exchange	-
Not quoted on a stock exchange (1)	1,832
Impairment provision(-)	-
Total	1,832

#### 5. Information on loans:

I.

4.

a) Information on all types of loans and advances given to shareholders and employees of the Bank:

	Current Period		Prior Perio	od
	Cash	Non-Cash	Cash	Non-Cash
Direct loans granted to shareholders	14,800	1,859,319	144,797	2,312,973
Corporate shareholders	14,800	1,859,319	144,797	2,312,973
Real person shareholders	-	-	-	-
Indirect loans granted to shareholders	-	-	-	-
Loans granted to employees	-	-	-	-
Total	14,800	1,859,319	144,797	2,312,973

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

## **Explanations and Notes Related to the Assets (Continued)**

### 5. Information on loans (continued):

I.

b) Information on loans with standard qualifications and close monitoring followed by restructured loans:

	Performing	Loans under Follow-up		
Cash Loans	Loans	Non-restructured	Restructured	
Current Period			<b>Revised Contract Terms</b>	Refinanced
Non-specialized loans	14,800	-		
Working capital loans	-	-		
Export loans	-	-		
Import loans	-	-		
Loans given to financial sector	14,800	-		
Foreign loans	-	-		
Consumer loans	-	-		
Credit cards	-	-		
Precious metal credit	-	-		
Other	-	-		
Specialized loans	14,800	-		

Information on the first and second group loans and other receivables including restructured or rescheduled loans:

	Standard Loans and				Loans and Other Receivables		
	Oth	ner Receivables		Under Close Monitoring			
	Loans and			Loans and			
	Other			Other			
	Receivables	Loans and other i	receivables	Receivables Lo	ans and other re	eceivables	
	(Total)	with revised cont	ract terms	(Total) wi	th revised contr	act terms	
	]	Restructured or		Re	structured or		
Cash Loans		Rescheduled	Other		Rescheduled	Other	
Non-specialized loans	198,856	-	-	-	-	-	
Working capital loans	-	-	-	-	-	-	
Export loans	-	-	-	-	-	-	
Import loans	-	-	-	-	-	-	
Loans given to financial sector	198,856	-	-	-	-	-	
Foreign loans	-	-	-	-	-	-	
Consumer loans	-	-	-	-	-	-	
Credit cards	-	-	-	-	-	-	
Precious metal credit	-	-	-	-	-	-	
Other	-	-	-	-	-	-	
Specialized loans	-	-	-	-	-	-	
Other receivables	-	-	-	-	-	-	
Total	198,856	-	-	-	-	-	

	Standard Loans and Other Receivables		Loans and Other Receivables Under Close Monitoring		
	Loans and Other Receivables	Restructured or Rescheduled	Loans and Other Receivables	Restructured or Rescheduled	
Short-term loans and other receivables	14,800	-	-	-	
Non-specialized loans	14,800	-	-	-	
Specialized loans	-	-	-	-	
Other Receivables	-	-	-	-	
Medium and long-term loans					
and other receivables	-	-	-	-	
Non-specialized loans	-	-	-	-	
Specialized loans	-	-	-	-	
Other Receivables	-	-	-	-	
Total	14,800	-	-	-	

c) Information on consumer loans, individual credit cards, and personnel loans and personnel credit cards: None (31 December 2017: None).

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Assets (Continued)**

#### 5. Information on loans (continued):

I.

- c) Information on commercial loans with instalments and corporate credit cards: None (31 December 2017: None).
- e) Loans according to borrowers:

	Current Period	Prior Period
Private Public	14,800	198,856 -
Total	14,800	198,856

f) Domestic and foreign loans:

	Current Period	Prior Period
Domestic loans Foreign loans	14,800	198,856 -
Total	14,800	198,856

g) Loans granted to subsidiaries and associates:

None (31 December 2017: None).

h) Information on non-performing loans:

	Current Period
Uncollectable loans and receivables	1,574
Loans and receivables with limited collectability	· -
Loans and receivables with doubtful collectability	-
Total	1,574
	Prior Period
Provisions for uncollectable loans and receivables	1,574
Provisions for loans and receivables with limited collectability	<u>-</u>
Provisions for loans and receivables with doubtful collectability	-
Total	1,574

i) Information on non-performing loans (Net)

i.1) Information on loans and other receivables included in non-performing loans which are restructured or rescheduled: None (31 December 2017: None).

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Assets (Continued)**

### 5. Information on loans (continued):

I.

i.2) Information on movement of non-performing loans:

	Group III	Group IV	Group V
	Loans and	Loans and Receivables	
	Receivables With	With Doubtful	<b>Uncollectible Loans</b>
	Limited Collectability	Collectability	and Receivables
Current period end balance	_	<u>-</u>	1,574
Additions during the period (+)	-	-	-
Transfers from other categories of non-performing loans (+	-	-	-
Transfers to other categories of non-performing loans (-)	-	-	-
Collections during the period (-)	-	-	-
Write-offs (-)	-	-	-
Corporate and commercial loans	-	-	-
Retail loans	-	-	-
Credit cards	-	-	-
Other	-	-	-
Period end balance	-	-	1,574
Specific provision (-)	-	-	1,574
Net Balances on Balance Sheet	-	-	

Information on loans and other receivables included in non-performing loans which are restructured or rescheduled: None (31 December 2017: None).

	Group III	Group IV	Group V
	Loans and	Loans and Receivables	
	Receivables With	With Doubtful	<b>Uncollectible Loans</b>
	Limited Collectability	Collectability	and Receivables
Prior period end balance	-	-	1,574
Additions during the period (+)	-	-	, -
Transfers from other categories of non-performing loans (+)	-	-	-
Transfers to other categories of non-performing loans (-)	-	-	-
Collections during the period (-)	-	-	-
Write-offs (-)	-	-	-
Corporate and commercial loans	-	-	-
Retail loans	-	-	-
Credit cards	-	-	-
Other	-	-	-
Period end balance	-	-	1,574
Specific provision (-)	-	-	1,574
Net Balances on Balance Sheet	-	-	-

i.3) Information on foreign currency non-performing loans and other receivables: None (31 December 2017: None).

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Assets (Continued)**

### 5. Information on loans (continued):

I.

i.4) Information regarding gross and net amounts of non-performing loans with respect to user groups:

	Group III	Group IV	Group V
	Loans and Receivables With Doubtful Collectability	Loans and Receivables With Doubtful Collectability	Uncollectable Loans and Receivables
Current Period (Net)	-	-	-
Loans to Real Persons and Legal Entities (Gross)	-	-	1,574
Specific Provision Amount (-)	-	-	1,574
Loans to Real Persons and Legal Entities (Net)	-	-	-
Banks (Gross)	-		-
Specific Provision Amount (-)	-	-	-
Banks (Net)	-	-	-
Other Loans and Receivables (Gross)	-		
Specific Provision Amount (-)	-	-	-
Other Loans and Receivables (Net)	-	-	-
Prior Period (Net)	-	-	-
Loans to Real Persons and Legal Entities (Gross)	-		1,574
Specific Provision Amount (-)	-	-	1,574
Loans to Real Persons and Legal Entities (Net)	-	-	-
Banks (Gross)	-		
Specific Provision Amount (-)	-	-	-
Banks (Net)	-	-	-
Other Loans and Receivables (Gross)	-	-	-
Specific Provision Amount (-)	-	-	-
Other Loans and Receivables (Net)	-		-

	Group III	Group IV	Group V
	Loans and Receivables With Doubtful Collectability	Loans and Receivables With Doubtful Collectability	Uncollectable Loans and Receivables
Prior Period (Net)	-	-	-
Loans to Real Persons and Legal Entities (Gross)	-	-	1,574
Specific Provision Amount (-)	-	-	1,574
Loans to Real Persons and Legal Entities (Net)	-		-
Banks (Gross)	-	-	-
Specific Provision Amount (-)	-	-	-
Banks (Net)	-		-
Other Loans and Receivables (Gross)	-		
Specific Provision Amount (-)	-	-	-
Other Loans and Receivables (Net)	-	-	-
Prior Period (Net)	-		-
Loans to Real Persons and Legal Entities (Gross)	-		1,574
Specific Provision Amount (-)	-	-	1,574
Loans to Real Persons and Legal Entities (Net)	-		-
Banks (Gross)	-		
Specific Provision Amount (-)	-	-	-
Banks (Net)	-	-	-
Other Loans and Receivables (Gross)	-	-	-
Specific Provision Amount (-)	-	-	-
Other Loans and Receivables (Net)	-	-	-

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

## EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Assets (Continued)**

#### Information on loans (continued):

I.

5.

j) Expected loss provision:

	Standard Loans	Current Period Loans Under Close Monitoring
12 Month Expected Credit Losses Significant Increase in Credit Risk	20	-
Total	20	-

	Prior Period
General provisions	
Provisions for Group I. Loans and Receivables	2,963
Additional provision for loans with extended payment period	-
Provisions for Group II. Loans and Receivables	-
Additional provision for loans with extended payment period	-
Provisions for Non-cash Loans	45,176
Other	-
Total	48,139

k) Not prepared in compliance with the Article 25 of the communique "Financial Statements and Related Disclosures and Footnotes to be Announced to Public by Banks".

Other explanations and disclosures:

Collaterals and credit enhancement obtained during the year:

The details of the collaterals obtained for cash loans as of 31 December 2018 and 2017 are as follows:

	Current Period	Prior Period
Equity Shares (quoted)	18,691	102,153
Letters of Guarantee	5,750	169,086
Total	24,441	271,239

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş.
NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2018

### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Assets (Continued)**

#### Information on financial assets measured at amortised cost

a) Information on financial assets measured at amortised cost:

None (31 December 2017: 36,947 TL, held to maturity securities).

a) i. Movement of financial assets measured at amortised cost:

	Current Period
Beginning balance	36,947
Foreign currency differences on monetary assets	-
Purchases during year	56,504
Disposals through sales and redemptions <sup>(1)</sup>	(91,502)
Impairment provision (-)	-
Effect of valuation <sup>(2)</sup>	(1,949)
Closing Balance	-

<sup>(1)</sup> All of disposals through sales and redemptions amount is from redemptions.

I.

Held to maturity securities	Prior Period
Beginning balance	45,943
Foreign currency differences on monetary assets	-
Purchases during year	80,862
Disposals through sales and redemptions <sup>(1)</sup>	(91,343)
Impairment provision (-)	-
Effect of valuation <sup>(2)</sup>	1,485
Closing Balance	36,947

 $<sup>(1) \</sup>quad \text{All of disposals through sales and redemptions amount is from redemptions, there is no disposals through sales in current period.}$ 

#### b) Information on expected credit loss provisions for financial assets

	Current Period
Cash and cash equivalents	-
Receivables from banks and money markets	14,840
Financial assets at fair value through amortized cost	20
Other assets	523
Total	15,383

c) Information on other financial assets:

None (31 December 2017: None).

<sup>(2)</sup> Includes interest accruals change.

<sup>(2)</sup> Includes interest accruals change.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Assets (Continued)**

#### 7. Information on associates (Net):

I.

- a) Information on consolidated associates according to Communiqué on Preparing Banks' Consolidated Financial Statements and related Turkish Accounting Standard: None (31 December 2017: None).
- b) Information on the unconsolidated associates: None (31 December 2017: None).
- c) Explanations of consolidated associates: None (31 December 2017: None).
- d) Information on sector information on consolidated associates: None (31 December 2017: None).
- e) Consolidated associates which are quoted on the stock exchange: None (31 December 2017: None).

#### 8. Information on subsidiaries (Net):

a) Information on the unconsolidated subsidiaries:

		Bank's share percentage-	
	Address	If different voting	Bank risk group's share percentage
Description	(City/ Country)	percentage (%)	(%)
Merkezi Kayıt Kuruluşu A.Ş.	İstanbul / Türkiye	28.57	65

The Bank's share in Merkezi Kayıt Kuruluşu A.Ş. ("MKK") is 65% and the Bank's voting right is 28.57% (2/7) according to its Articles of Association. Although the This subsidiary is carried at cost amounting to TL 4,825 thousand in the financial statements.

				Income from			
				Marketable			
	Shareholder's	Total Fixed	Interest	Securities	<b>Current Period</b>	Prior Period Profits /	
Total Assets (1)	Equity	Assets	Income	Portfolio	Profit/Loss	Losses	Fair Value
175,537	139,666	30,347	18,829	2,001	31,340	28,039	-

(1) Audited financial statements, prepared as of 31 December 2018, in accordance with the Turkish Accounting Standards have not been prepared yet.

	31 December 2018	31 December 2017
Paid-in capital	36,000	36,000
Legal reserves	15,625	14,223
Other reserves	59,380	32,742
Profit/loss	29,549	26,248
Prior periods profit/loss	(1,791)	(1,791)
Current period net profit/loss	31,340	28,039
Intangible Assets (-)	(16,718)	(20,695)
Total Core Capital	123,836	88,518
Supplementary Capital	, , , , , , , , , , , , , , , , , , ,	
Capital	123,836	88,518
Net Usable Equity	123,836	88,518

There is no assessment of subsidiaries' internal capital adequacy.

Paid capital is indicated in the main agreement of the Bank as Turkish Liras and registered in the trade registry.

Legal reserves are the reserve funds which are indicated in the Turkish Trade Act's (numbered 6762) 466. dam's first paragraph and second paragraph's third subparagraph, and 467.dam and accounted from related year's profit.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

- I. Explanations and Notes Related to the Assets (Continued)
- 8. Information on subsidiaries (net) (continued):
  - b) Information on the consolidated subsidiaries:
  - i. Information on the consolidated subsidiaries: None (31 December 2017: None).
  - ii. Information on movement of consolidated subsidiaries: None (31 December 2017: None).
  - iii. Sectorial information on the consolidated subsidiaries: None (31 December 2017: None).
  - iv. Consolidated subsidiaries quoted on the stock exchange: None (31 December 2017: None).
  - **Information on entities under common control (joint ventures):** None (31 December 2017: None).
- **10. Information on finance lease receivables (net):** None (31 December 2017: None).
- **11. Information on derivative financial assets:** None (31 December 2017: None).
- 12. Information on tangible assets:

9.

	Prior Year's			Closing Year
	Closing Balance			Balance
	31 December 2017	Additions	Disposals	31 December 2018
Cost:				
Vehicles	237	-	-	237
Other	18,875	7,834	(2,320)	24,389
Total Cost	19,112	7,834	(2,320)	24,626
	Prior Year's Closing			Closing Year
	Balance			Balance
		Charge for the		
	<b>31 December 2017</b>	Year	Disposals	31 December 2018
Accumulated Depreciation:				
Vehicles	(233)	(4)	-	(237)
Other	(11,441)	(3,388)	2,286	(12,542)
<b>Total Accumulated Depreciation</b>	(11,674)	(3,392)	2,286	(12,779)
Net Book Value	7,438	4,442	(34)	11,847
	Prior Year's	-,,	(= 1)	Closing Year
	Closing Balance			Balance
	31 December 2016	Additions	Disposals	31 December 2017
Cost:				
Land and buildings	14,376	-	-	14,376
Leased tangible assets	· -	-	-	
Vehicles	305	-	(68)	237
Other	14,966	4,115	(206)	18,875
Total Cost	29,647	4,115	(274)	33,488
	Prior Year's Closing	,		Closing Year
	Balance			Balance
		Charge for the		
	<b>31 December 2016</b>	Year	Disposals	31 December 2017
Accumulated Depreciation:				
Land and buildings	(4,575)	(307)	-	(4,882)
Leased tangible assets	-	-	-	-
Vehicles	(199)	(51)	17	(233)
Other	(9,338)	(2,274)	171	(11,441)
<b>Total Accumulated Depreciation</b>	(14,112)	(2,632)	188	(16,556)
Net Book Value	15,535	1,483	(86)	16,932
- ive 2001 i uiuc	10,000	1,405	(00)	10,732

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

#### **Explanations and Notes Related to the Assets (Continued)**

#### Information on tangible assets (continued):

I.

12.

- a) If impairment amount on individual asset booked or reversed in the current period is material for the overall financial statements:
- i. Reason and conditions for booking or reversing impairment: The details for reason and conditions for booking or reversing impairment are given in note (12.b) of the report.
- ii. Amount of impairment booked or reversed in the financial statements: The details for amount recorded or reversed impairment in the financial statements are given in part (12.b) of the Report.
- b) The impairment provision set or cancelled in the current period according to the asset groups not individually significant but materially affecting the overall financial statements, and the reason and conditions for this: There is no material impairment provision set or cancelled in the current period:

None (31 December 2017: None).

There is no impairment accounted related to property and equipment in the current period (31 December 2017: None).

Prior Vear's

c) Pledges, mortgages and other restrictions on the tangible fixed assets, expenses arising from the construction for tangible fixed assets, commitments given for the purchases of tangible fixed assets: None (31 December 2017: None).

#### 13. Information on assets held for sale and discontinued operations:

	Prior Year's				
	Closing Balance			Closing Year Balance	
	31 December 2017	Additions	Disposals	31 December 2018	
Cost:					
Leasehold improvements	-	-	-	-	
Other intangible assets	110,575	12,887	-	123,462	
Total Cost	110,575	12,887	-	123,462	
Accumulated Amortization:					
Leasehold improvements	-	-	-	-	
Other intangible assets	(12,480)	(8,485)		(20,965)	
<b>Total Accumulated Amortization</b>	(12,480)	(8,485)	-	(20,965)	
Net Book Value	98,095	4,402	-	102,497	
	Prior Year's				
				Clasina Vaan Dalamaa	
	Closing Balance 31 December 2016	Additions	Disposals	Closing Year Balance 31 December 2017	
Cost:	31 December 2010	Auditions	Disposais	31 December 2017	
Leasehold improvements	_	_	_	_	
Other intangible assets	93,172	17,403		110,575	
Total Cost	93,172	17,403	•	110,575	
Accumulated Amortization:					
Leasehold improvements	-	-	_	_	
Other intangible assets	(8,167)	(4,313)	-	(12,480)	
Total Accumulated Amortization	(8,167)	(4,313)	-	(12,480)	

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Assets (Continued)**

#### Information on assets held for sale and discontinued operations (continued):

- a) Disclosures for book value, description and remaining useful life for a specific intangible fixed asset that is material to the financial statements: None (31 December 2017: None).
- b) Disclosure for intangible fixed assets acquired through government grants and accounted for at fair value at initial recognition: None (31 December 2017: None).
- c) The method of subsequent measurement for intangible fixed assets that are acquired through government incentives and recorded at fair value at the initial recognition: None (31 December 2017: None).
- d) The book value of intangible fixed assets that are pledged or restricted for use: None (31 December 2017: None).
- e) Amount of purchase commitments for intangible fixed assets: None (31 December 2017: None).
- f) Information on revalued intangible assets according to their types: None (31 December 2017: None).
- g) Amount of total research and development expenses recorded in income statement within the period if any: None (31 December 2017: None).
- h) Positive or negative consolidation goodwill on entity basis: None (31 December 2017: None).
- i) Information on goodwill: None (31 December 2017: None).
- j) Movements on goodwill in the current period: None (31 December 2017: None).

#### 14. Information on investment property:

I.

13.

As of 31 December 2018, the Bank has TL 9,187 investment properties (31 December 2017: TL 9,495).

	Current Period	Prior Period
Cost		
Value at the Beginning of the Period	-	-
Movements During the Period	-	-
Acquisition	-	-
Disposals (-)	-	-
Transfer <sup>(1)</sup>	14,376	14,376
Period End Value	14,376	14,376
<b>Accumulated Depreciation</b>		
Value at the Beginning of the Period	-	-
Movements During the Period	-	-
Amortization Cost	-	-
Disposals	-	-
Transfer <sup>(1)</sup>	(5,189)	(4,881)
Period End Value	(5,189)	(4,881)
Net Book Value	9,187	9,495

<sup>(1)</sup> As of 31 December 2018, the Şişli Service Building, which is not in use by the Bank and is being held for the purpose of obtaining rent income, is classified under investment property. The related real estate is followed with its historical cost value on the financial statements dated 31 December 2018, in the appraisal report prepared by the licensed appraisal company, the fair value of the real estate was determined as TL 38,630 according to the "market approach method" as of 31 December 2018, the Bank does not have any rental income from investment property.

The Bank does not have any rental income from investment property for the year ended 31 December 2018.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Assets (Continued)**

#### 15. Information on assets held for sale and discontinued operations:

None (31 December 2017: None).

I.

16.

#### **Explanations on deferred tax asset:**

Deferred tax asset / (liabilities):

	Current Period		
	Accumulated		
	temporary differences	Deferred tax asset/(liability)	
TFRS 9 –Expected credit losses	51,762	11,388	
Provisions for Capital Market Board's Share Fee – Other provisions	14,414	3,171	
Provision for Legal Claims and Premium	12,609	2,774	
Unused Vacation Provision	7,045	1,550	
Provision for Employee Termination	5,640	1,128	
Difference between Internal Rate of Return and Market Value of Government Debt	•	,	
Securities Measured at Amortised Cost	121	26	
Deferred Tax Asset	91,591	20,037	
Difference between Book Value and Tax Value of Fixed Assets	56,156	11,375	
Deferred Tax Liability		11,375	
Deferred Tax Asset / (Liability), Net		8,662	
	Prior P	eriod	

	Prior Period	
	Accumulated	
	temporary	Deferred tax
	differences	asset/(liability)
Provisions for Capital Market Board's Share Fee	11,352	2,271
Provision for Employee Termination	5,900	1,180
Unused Vacation Provision	6,745	1,349
Provision for Legal Claims	9,926	1,985
Interest Accruals	56	11
Deferred Tax Asset		6,796
Difference between Book Value and Tax Value of Fixed Assets	38,805	7,761
Difference between Internal Rate of Return and Market Value of Government Debt		
Securities Held to Maturity	402	80
Deferred Tax Liability		7,841
Deferred Tax Asset / (Liability), Net		(1,045)

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Assets (Continued)**

#### **Explanations on deferred tax asset (continued):**

Deferred tax asset movement table:

	Current Period	Prior Period
Prior period closing balance	(1,045)	1,179
TFRS 9 expected credit loss (opening impact)	8,326	· -
Deferred Tax Profit / (Loss)	1,402	(1,923)
Deferred Tax Recognized under the Shareholder's Equity	(21)	(301)
Deferred Tax Asset	8,662	(1,045)

#### 17. Information on other assets:

I.

16.

Other assets do not exceed 10% of the balance sheet total (excluding off balance sheet commitments). The details of other assets are presented below.

Allocation of other assets:

	Current Period	Prior Period
Designation and house called and	10.054	2.926
Derivative exchange collateral	18,954	2,826
Custody accruals	14,407	9,906
Prepaid expenses	11,493	8,186
Office supply inventory	94	53
Cash guarantees given	57	84
Other	1,523	1,090
Total	46,528	22,145

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Liabilities**

#### Explanations related to deposits:

II.

1.

- a) Information on maturity structure of deposits: The Bank is not authorized to accept deposits.
- b) Information on saving deposits under the guarantee of saving deposit insurance: The Bank is not authorized to accept deposits.
- c) Information on the saving deposits of the bank with head office abroad, if the saving deposits in the branches of the bank located in Turkey are under the guarantee of saving deposit insurance in that country abroad: The Bank's head office is in Turkey.
- d) Saving deposits not guaranteed by insurance: The Bank is not authorized to accept deposits.

#### 2. Information on derivative financial liabilities:

- a) i. Information on derivative financial liabilities at fair value through profit or loss: None (31 December 2017: None).
  - ii. Derivative financial liabilities at fair value through other comprehensive income: None (31 December 2017: None).

#### 3. Information on funds borrowed:

a) Information on banks and other financial institutions:

	Current Per	iod	Prior Per	iod
	TL	FC	TL	FC
Loans from Central Bank of Turkey	-	-	-	_
From Domestic Banks and Institutions	652,957	2,772,457	771,313	2,372,955
From Foreign Banks, Institutions and Funds	-	-	-	-
Total	652,957	2,772,457	771,313	2,372,955

### b) Information on money market debts:

	Current Period		Prior Period	
	TL	FC	TL	FC
Central Bank of Turkey	-	-	34,737	-
Total	-	-	34,737	

#### c) Maturity analysis of funds borrowed:

	Current Per	iod	Prior Peri	od
	TL	FC	TL	FC
Short-term Medium and long-term	652,957	2,772,457	806,050	2,372,955
Total	652,957	2,772,457	806,050	2,372,955

d) Additional explanation related to the concentrations of the Bank's major liabilities:

Bank's liabilities include taxes payables and other payables and cash collaterals, guarantee funds which members give for different markets.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Liabilities (Continued)**

#### 4. Information on funds:

II.

- a) Information on borrowers' funds: None (31 December 2017: None).
- b) Information on other funds:

The breakdown of funds which is the main liabilities of the Bank is as below:

		Current Period
	TL	FC
Cash collaterals	4,461,236	1,599,096
Members' receivables	147,259	215,847
Capital market board share	-	-
Shareholders dividend receivables	-	-
Expense accruals	2,616	-
Other <sup>(1)</sup>	71,524	-
	4,682,635	1,814,943

(1) Amounting of other consists of pool and guarantee fund accounts.

Miscellaneous payables		Prior Period
	TL	FC
Cash collaterals	3,787,374	1,849,178
Members' receivables	116,990	215,562
Capital market board share	-	-
Shareholders dividend receivables	-	-
Expense accruals	1,514	-
Other <sup>(1)</sup>	60,316	-
	3,966,194	2,064,740

<sup>(1)</sup> Amounting of other consists of pool and guarantee fund accounts

#### 5. Explanations on financial lease obligations (net):

- a) The general explanations on criteria used in determining instalments of financial lease agreements, renewal and purchasing options and restrictions in the agreements that create significant obligations to the Bank: None (31 December 2017: None).
- b) The explanation on modifications in agreements and new obligations resulting from such modifications: None (31 December 2017: None).
- c) Explanation on finance lease payables: None (31 December 2017: None).
- d) Explanations regarding operational leases: None (31 December 2017: None).
- e) Explanations on the lesser and lessee in sale and lease back transactions, agreement conditions, and major agreement terms: None (31 December 2017: None).

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to the Liabilities (Continued)**

#### 5. Information on provisions:

II.

a) Information on employee termination benefits and unused vacation accrual:

Under Turkish Labour Law, the Bank is required to pay employment termination benefits to each employee who has qualified. Also, employees are required to be paid their retirement pay provisions who retired by gaining right to receive retirement pay provisions according to current 506 numbered Social Insurance Law's 6 March 1981 dated, 2422 numbered, 25 August 1999 dated and 4447 numbered with 60th article that has been changed. Some transition provisions related to the pre-retirement service term was excluded from the law since the related law was changed as of 23 May 2002. The maximum amount of TL 5,434.32 (31 December 2017: 4,732.18) (full TL) has taken into consideration in calculation of provision for employment termination benefits.

The liability is not funded, as there is no funding requirement. The provision has been calculated by estimating the present value of the future probable obligation of the Bank arising from the retirement of employees. TAS 19 requires actuarial valuation methods to be developed to estimate the enterprise's obligation under defined benefit plans. Accordingly, the following actuarial assumptions were used in the calculation of the total liability:

The main assumption is that the maximum liability for each year of service will increase parallel with inflation. Thus, the discount rate applied represents the expected real rate after adjusting for the anticipated effects of future inflation. Consequently, in the accompanying financial statements as of 31 December 2018, the provision has been calculated by estimating the present value of the future probable obligation of the Bank arising from the retirement of the employees. The provisions at the balance sheet date have been calculated assuming an annual inflation rate of 8% and interest rate 13.5% and a discount rate of 5.09% (31 December 2017: 7% inflation rate, 3.74% discount rate). The estimated rate of severance pay amount which is not paid and to be held in the bank as a result of optional leavings are also considered.

	Current Period	Prior Period
Total liabilities of employee terminations (Undiscounted)	11.498	9,533
Provision for employee termination (Presented in financial statements)	5,640	5,900
The ratio of provision to undiscounted total liabilities (%)	49.05	61.89

As of 31 December 2018, the Bank provided a reserve of TL 7,045 (31 December 2017: TL 6,745) for the unused vacation which classified under Reserve for Employee Benefits in the financial statements.

#### a.1) Movement of employee termination benefits:

	Current Period	Prior Period
As of January 1	5,900	7,384
Paid during the year	(1,367)	(1,407)
Actuarial loss/(gain)	(102)	(1,506)
Charge for the year	1,209	1,429
Service charge	560	601
Interest charge	649	828
Total	5,640	5,900

# Current Period Prior Period Unused vacation provision 7,045 6,745 Total 7,045 6,745

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to Liabilities (Continued)**

#### 6. Information on provisions (continued):

II.

- b) Information on other provisions:
- b.1) Liabilities for pension funds established in accordance with "Social Security Institution": None (31 December 2017: None).
- b.2) Breakdown of the subsidiary accounts if other provisions exceed 10% of the grand total of provisions:

	Current Period	Prior Period
	27.270	
Expected credit losses (1)	36,378	-
Provisions for CMB's Share Fee <sup>(2)</sup>	14,414	11,352
Provision for Legal Claims	12,609	9,926
Total	63,401	21,278

<sup>(1)</sup> Consists of 12 months expected credit loss provisions for non-cash loans.

<sup>(2)</sup> According to the related article of the Bank's Capital Markets Law, the board share to be paid to the Capital Markets Board in 2018 consists of an expense accrual (CMB Board Share).

	Current Period	Prior Period
Provisions for cases beginning balance	9,926	1,900
Additions	14,957	8,086
Payments	193	
Cancellations	12,081	60
Provisions for cases year end	12,609	9,926

- c) Liabilities Resulting from Retirement Benefits: None (31 December 2017: None).
- c.1) Liabilities for pension funds established in accordance with "Social Security Institution": None (31 December 2017: None).
- c.2) Liabilities resulting from all kinds of pension funds, foundations, which provide post-retirement benefits for the employees: None (31 December 2017: None).

### 7. Explanations on taxes payable:

#### a) Information on current tax liability:

#### a.1) Corporate tax:

	Current Period	Prior Period
Provision for Corporate Taxes	134,385	70,354
Advance Taxes (-)	91,258	50,684
Corporate Income Tax Payable	43,127	19,670

#### a.2) Information on taxes payable:

	Current Period	Prior Period
Corporate Taxes Payable	43,127	19,670
Banking Insurance Transaction Tax (BITT)	3,272	1,856
Taxation on Securities	1,443	626
Value Added Tax Payable	203	149
Other	1,376	1,692
Total	49,421	23,993

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to Liabilities (Continued)**

#### 7. Explanations on taxes payable (continued)

#### a.3) Information on premiums:

II.

	Current Period	Prior Period
Social Security Premiums-Employer	563	512
Social Security Premiums-Employee	523	508
Unemployment Insurance-Employer	76	72
Unemployment Insurance-Employee	37	36
Total	1,199	1,128

#### b) Explanations on deferred tax liabilities:

Deferred tax assets and liabilities are offset and deferred tax liabilities are recognized in the asset, and the explanations for deferred tax assets / liabilities for the current and prior period are presented in footnote No. 16.

#### 8. Information on liabilities regarding assets held for sale and discontinued operations:

None (31 December 2017: None).

# 9. Explanations on the number of subordinated loans the Bank used maturity, interest rate, institution that the loan was borrowed from, and conversion option, if any:

None (31 December 2017: None).

#### 10. Information on Shareholders' Equity:

#### a) Presentation of Paid-in capital:

	Current Period	Prior Period
Common stock <sup>(1)</sup>	600,000	600,000
Preferred stock	-	-

<sup>(1)</sup> As of 31 December 2018, The Bank has totally 6,000,000,000 issued share certificates. 2,000 of these shares are preferred shares.

- c) Other information on the share of capital increased through capital contributions performed during the current period and capital funds: None (31 December 2017: None).
- d) Information on share capital increases from capital reserves during the current period: None (31 December 2017: None).
- e) Capital commitments in the last fiscal year and at the end of the following interim period, the general purpose of these commitments and projected resources required to meet these commitments: None (31 December 2017: None).
- f) Indicators of the Bank's income, profitability and liquidity for the previous periods and possible effects of these future assumptions on the Bank's equity due to the uncertainty of these indicators:

Due to the Bank's liquid position and good relations with other banks, the Bank has the means to provide low cost financing and place it in domestic market which leads to profits. In parallel with this, if similar circumstances will occur in the future, it can be predicted that profitability will increase and this will improve the equity of the Bank with retained profits.

#### g) Information on preferred shares:

As of 31 December 2018, the Bank has preferred shares with a nominal value of TL 200. According to the article six of the Articles of Association, the shares which represent group shares of the newly issued group A and B shares belong only to BİAŞ and cannot be transferred. Besides, according to the Bank's Articles of Association - article 9/2, four members of the board of directors are chosen by the General Assembly, among the candidates presented by group shareholders.

b) Paid-in capital amount, explanation as to whether the registered share capital system is applicable at the Bank if so, and amount of registered share capital ceiling: Registered share capital system is not applied as of the balance sheet date (31 December 2017: Not applied).

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

#### II. Explanations and Notes Related to Liabilities (Continued)

#### **Information on Shareholders' Equity (Continued):**

#### h) Information on marketable securities valuation reserve:

None (31 December 2017: None).

10.

#### i) Information on extraordinary reserves:

	Current Period	Prior Period
Reserves appropriated by the General Assembly	523,901	260,606
Retained Earnings	<u>-</u>	
Accumulated Losses	-	_
Foreign Capital Exchange Difference	-	-
Total	523,901	260,606

#### j) Information on past year profit distribution:

At the Ordinary General Assembly meeting held on 12 September 2018, it was decided not to distribute profit from the profit of the year 2017 to the shareholders in order to strengthen the capital.

#### k) Information on minority shares:

None (31 December 2017: None).

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to Off-Balance Sheet Accounts**

#### Information on off-balance sheet liabilities:

III.

1.

- a) Nature and amount of irrevocable loan commitments: None (31 December 2017: None).
- b) Possible losses and commitments related to off-balance sheet items including items listed below:
- b.1) Non-cash loans including guarantees, acceptances, financial guarantee and other letters of credits: There are no non-cash loans including guarantees, acceptances, financial guarantee and other letters of credits. As of the balance sheet date, detail of other non-cash loans detail including given guarantees for Bank's Takasbank Money Market, Securities Lending Market, Futures and Options and Equity Market transactions as presented below.

	Current Period	Prior Period
Non-cash loans given against achieving cash loans	_	_
With Original Maturity of One Year or Less	- -	-
With Original Maturity of More than One Year	-	-
Other non-cash loans (1)	17,086,287	17,639,591
Total Non-Cash Loans	17,086,287	17,639,591

<sup>(1)</sup> Guarantees given to Takasbank Money Market, Securities Lending Market, Futures and Options Market and Equity Market.

Information on sectorial risk breakdown of non-cash loans:

	Current Period			Pri	Prior Period			
	TL	(%)	FC	(%)	TL	(%)	FC	(%)
Agricultural								
Farming and Livestock	-	-	-	-	-	-	-	-
Forestry	-	-	-	-	-	-	-	-
Fishery	-	-	-	-	-	-	-	-
Industry	-	-	-	-	-	-	-	-
Mining and Quarry	-	-	-	-	-	-	-	-
Manufacturing Industry	-	-	-	-	-	-	-	-
Electric, Gas and Water	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-
Services	17,086,287	100	-	-	17,639,591	100	-	-
Wholesale and Retail Trade	-	-	-	-	-	-	-	-
Hotel, Food and Beverage Services	-	-	-	-	-	-	-	-
Transportation and Telecommunication	-	-	-	-	-	-	-	-
Financial Institutions	17,086,287	100	-	-	17,639,591	100	-	-
Real Estate and Renting Services	-	-	-	-	-	-	-	-
Self-employment Services	-	-	-	-	-	-	-	-
Education Services	-	-	-	-	-	-	-	-
Health and Social Services	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total	17,086,287	100	-	-	17,639,591	100	-	

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to Off-Balance Sheet Accounts (Continued)**

#### **Information on off-balance sheet liabilities (continued):**

Information on Group I and II non-cash loans:

III.

1.

	Group I		Group II		
	TL	FC	TL	FC	
Non-cash loans	17,086,287	-	-	_	
Letters of Guarantee	-	-	-	-	
Bank Acceptances	-	-	-	-	
Letters of Credit	-	-	-	-	
Endorsements	-	-	-	-	
Purchase Guarantees for Securities Issuance	-	-	-	-	
Factoring Commitments	-	-	-	-	
Other Commitments and Contingencies	17,086,287	-	-	-	

b.2) Guarantees, temporary guarantees, collateral and other warranties: None (31 December 2017: None).

#### b.3) Explanation of irrevocable commitments:

	Current Period		Prior Perio	eriod	
	TL	FC	TL	FC	
Capital commitment for Derivatives Exchange (Bank is central					
counterparty services (CCP))	57,980	_	181,543	_	
Capital commitment for Loan Share Market (Bank is	,		,		
central counterparty services (CCP))	2,596	-	8,928	-	
Capital commitment for Central Counterparty Service					
(Bank is central counterparty services (CCP))	-	-	62,470	-	
Capital commitment for Swap Market (Bank is					
central counterparty services)	11,315				
Capital commitment for Money Market (Bank is					
central counterparty services (CCP))	1,731	-	3,024	-	
Capital commitment for Stock Exchange (Bank is					
central counterparty services (CCP))	12,981	-	41,646	-	
Capital commitment for Debt Instruments Market (Bank is					
central counterparty services)	11,250	-	-	-	
Subordinates and joint ventures capital contribution commitments	3,750	-	-	-	
Total	101,603	-	297,611		

#### c) Information related to Non-Cash Loans:

As the Bank functions as a bridge between seller and buyer in money market operations in which bank has a market maker role and guarantees that the debts will be paid, bank follows the risks which occurred in this market in non-cash loans accounts. Takasbank, as central counterparty services, guarantees market transactions in securities lending market, BİAŞ money market, and forward and options market.

The limits are defined for the members and it is required to have continued guarantees. A limit is set for members for Takasbank Money Market, Loan Share Market, and Derivatives Exchange Market and there is a continuing guarantee for these limits. These mentioned guarantees are hold in bank as defined credit limits' multiples according to their liquidity.

d) Information related to Market Securities Hedges: the markets securities hedges, TL 3,592,018,661 (31 December 2017: TL 3,072,124,601) of the TL 3,591,786,440 balance of market securities hedges are investment funds as the other TL 232,221 balance consists of share certificate hedges.

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to Statement of Profit or Loss**

#### **Information on interest on loans:**

IV.

1.

#### a) Information on interest on loans:

	Current Period		Prior Period	
	TL	FC	TL	FC
Short-term Loans	14,677	_	17,400	_
Medium/Long-term Loans	· -	-	, -	-
Interest on Loans Under Follow-up	-	-	-	-
Premiums Received from Resource Utilisation Support Fund	-	-	-	-
Total	14,677	-	17,400	

#### b) Information on interest received from banks:

	Current Period		Prior Period	
	TL	FC	TL	FC
Central Bank of Turkey	-	75	-	-
Domestic banks	460,197	194,184	243,034	134,770
Foreign banks	-	-	-	_
Branches and head office abroad	-	-	-	-
Total	460,197	194,259	243,034	134,770

#### c) Interest received from marketable securities portfolio:

	Current Period	
	TL	FC
From Financial Assets Measured at Amortised Cost	7,207	-
From Financial Assets At Fair Value Through Profit or Loss	-	-
From Financial Assets at Fair Value Through Other Comprehensive Income	-	-
Total	7,207	

	Prior Period	
	TL	FC
From Held-to-Maturity Investments	10,141	-
From Trading Financial Assets	-	_
From Financial Assets At Fair Value Through Profit or Loss	-	-
From Available-for-Sale Financial Assets	-	-
Total	10,141	-

#### d) Information on interest income received from associates and subsidiaries:

None (31 December 2017: None).

#### e) Other information:

None (31 December 2017: None).

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

# EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to Statement of Profit or Loss (Continued)**

#### 2. Information on interest expense

IV.

#### a) Information on interest on funds borrowed:

	Current Period		Prior Period	
	TL	FC	TL	FC
Banks	152,164	_	85,988	_
The Central Bank of Turkey	378	-	7,727	_
Domestic banks	151,786	-	78,261	-
Foreign banks	, <u>-</u>	-	-	-
Branches and head office abroad	-	-	-	-
Other financial institutions	-	-	-	-
Total	152,164	-	85,988	

#### b) Information on interest expense to associates and subsidiaries:

None (31 December 2017: None).

#### c) Information on interest expense to marketable securities issued:

None (31 December 2017: None).

#### d) Distribution of interest expense on deposits based on maturity of deposits:

None (31 December 2017: None).

#### 3. Information on dividend income:

	Current Period
Interest from securities	_
Financial assets at fair value through profit and loss	-
Financial assets at fair value through other comprehensive income	600
Financial assets at fair value through amortized cost	-
Total	600
	Prior Period
Trading Securities	_
Financial assets at fair value through profit and loss	-
Available-for-sale securities	30
Other (Investment in subsidiaries)	-
Total	30

### 4. Information on net trading income:

	Current Period	Prior Period	
Income	24,839	2,251	
Gains on capital market operations	-	-	
Foreign exchange gains	24,839	2,251	
Losses (-)	(17,266)	(1,689)	
Losses on capital market operations	-	-	
Foreign exchange losses	(17,266)	(1,689)	
Total (Net)	7,573	562	

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to Statement of Profit or Loss (Continued)**

#### 5. Information on other operating income:

IV.

	Current Period	Prior Period
Provisions no longer required	2,773	60
Collection of prior year expenses	256	242
Income from sales of the assets	26	13
Other income	5	14
Total	3,060	329

In the fifth section and fourth part Note 7, details of sub-accounts of balances that are grouped under "Others" section that constitute at minimum 20% of the balances under "Other" section are included if the accounted under "Other" section excludes 10% of the total balance of the Income Statement.

Information about the factors that affect the Bank's profit materially and including new developments and the amount and quality of extraordinary accounts: None (31 December 2017: None).

**Current Period** 

#### 6. Explanations on Banks' expected credit loss:

Credit loss provision for the year ended on 31 December 2018 is presented below:

Expected Credit Loss	13.918
12 month expected credit loss (Stage 1)	13,918
Significant increase in credit risk (Stage 2)	
Non-performing loans (Stage 3)	-
Marketable Securities Impairment Expense	-
Financial Assets Measured at Fair Value through Profit/Loss	-
Financial Assets Measured at Fair Value through Other Comprehensive Income	-
Impairment Provision for Associates, Subsidiaries and Joint Ventures	-
Associates	-
Subsidiaries	-
Joint ventures	-
Other	-
Total	13,918
Provision for impairment of loans and other receivables:	
	Prior Period
Specific provisions for loans and other receivables	
Group III Loans and Receivables	_
Group IV Loans and Receivables	
Group V Loans and Receivables	_
General provision expenses	16,931
Provision expenses for possible losses	
Marketable securities impairment losses	
Financial assets at fair value through profit and loss	
Investment securities available for sale	-
Impairment provision expense	
Associates	-
Subsidiaries	-
Entities under common control (Joint Ventures)	-
Investments held to maturity	-
Other	-
Total	16,931

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

# **Explanations and Notes Related to Statement of Profit or Loss (Continued)**

### 7. Information on other operating expenses:

IV.

	Current Period
Personnel expenses <sup>(1)</sup>	58,608
CMB council portion	14,414
Litigation provision expenses	12,609
Intangible amortization expenses	8,485
Tax, duty and charge expenses	7,337
Tangible amortization expenses	3,699
Provisions for termination indemnities	1,209
Employee benefits provision expense	301
Leasehold improvements amortization expenses	20
Other management expenses	25,296
-Insurance expenses	8,543
-Communication expenses	2,344
-Computer using expenses	213
-Other expenses	14,196
Total	131,977

 $^{(1)}$  "Personnel Expenses", which is a separate item in the profit or loss statement, is also included table above.

	Prior Period
Personnel expenses	46,098
CMB council portion	11,352
Litigation provision expenses	8,087
Tax, duty and charge expenses	4,436
Intangible amortization expenses	4,313
Tangible amortization expenses	2,632
Employee benefits provision expense	1,881
Provisions for termination indemnities	1,428
Leasehold improvements amortization expenses	14
Other management expenses	24,423
-Insurance expenses	6,654
-Communication expenses	1,865
-Computer Using expenses	172
-Other expenses	15,732
Total	104,664

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to Statement of Profit or Loss (Continued)**

#### Information on continued and discontinued operations from tax provisions:

a) The Bank presents deferred tax asset and the resulting deferred tax benefit in its financial statements.

	Current Period	Prior Period
Current income tax charge Deferred tax charge	(134,385) 1,402	(70,354) (1,923)
Total	(132,983)	(72,277)

#### b) Deferred tax on temporary differences:

IV.

8.

	Current Period
Difference between book value and tax value of fixed assets	3,614
Provisions for Capital Market Board's share fee	900
Provision for legal claims and premium	789
Unused vacation provision	201
Difference between internal efficiency and market value of government debt securities measured at amortised cost	26
Deferred tax expenses recognized in equity	(21)
Provision for employee termination	(52)
Interest accruals	(69)
TFRS 9 - Provisions for expected credit losses	(3,986)

Total	1,402
	Prior Period

Difference between book value and tax value of fixed assets	(4,090)
Provision for employee termination	(297)
Difference between internal efficiency and market value of government debt securities held to maturity	(103)
Provision for legal claims and premium	1,605
Unused vacation provision	376
Provision for employee termination	301
Provisions for Capital Market Board's share fee	274
Interest accruals	11

# Total (1,923)

#### Tax reconciliation:

	Current Period	Prior Period
Profit before tax	612,723	348,648
Corporate tax rate	22%	20%
Calculated tax	(134,799)	(69,730)
Additions	45.097	21,063
Deductions	(43,281)	(23,610)
Tax expense	(132,983)	(72,277)

### 9. Information on net profit/loss from continued and discontinued operations:

As of 31 December 2018, net profit after tax of the Bank is TL 479,740 (31 December 2017: TL 276,371).

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

#### **Explanations and Notes Related to Statement of Profit or Loss (Continued)**

#### 10. The explanations on net income / loss for the period:

IV.

- a) The nature and amount of certain income and expense items from ordinary operations is disclosed if the disclosure for nature, amount and repetition rate of such items is required for the complete understanding Bank's performance for the period: None (31 December 2017: None).
- b) Effect of changes in accounting estimates on income statement for the current and, if any, for subsequent periods: There is no effect of changes in accounting estimates on income statement for the current period (31 December 2017: None).
- c) Profit/loss attributable to minority shares: There is no profit or loss attributable to minority shares as of the balance sheet date (31 December 2017: None).

# 11. If the other items in the income statement exceed 10% of the income statement total, accounts amounting to at least 20% of these items are shown below:

Other fees and commissions	Current Period	Prior Period
Commissions on options exchange	54,061	30,514
Custody commissions	36,044	26,035
Customer account maintenance commissions	28,001	22,866
Service commissions	35,455	17,855
Bank transfer transactions	10,186	14,226
Transfer commissions	16,343	9,074
Other	7,703	5,660
Total	187,793	126,230

#### 12. Information on Group I and II non-cash loans:

	Current Period	Prior Period
0 + 19 - 22 - 1 - 22	9.040	C 004
Central Securities depository commissions	8,040	6,884
Electronic fund transfer commissions	2,076	1,644
BIST commission	7,606	2,649
Other commissions	14,220	4,478
Fees and commissions expense	24,336	15,655

a) Nature and amount of changes in accounting estimates, which have a material effect on current period or expected to have a material effect on subsequent periods:

None (31 December 2017: None).

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

- V. Explanations and Notes Related to Statement of Changes in Shareholders' Equity
  - a) Decrease resulting from revaluation of financial assets at fair value through profit or loss:

None (2017: None).

- b) Increase in cash flow risk hedging items: None (2017: None).
- c) The reconciliation related with foreign exchange amounts in the beginning and end of the period: None (2017: None).
- c) Net investment hedges: None (2017: None).
- d) Dividends declared subsequent to the balance sheet date, but before the announcement of the financial statements: None.
- f) Dividends per share proposed subsequent to the balance sheet date: No dividend distribution has been made.
- g) Proposals to the General Assembly for the payment dates of dividends and if it will not be appropriated the reasons for this: The Board of Directors has not decided for profit appropriation as of the date of the financial statements is authorized for issue.
- h) Amounts transferred to legal reserves: In the Ordinary General Assembly Meeting of the Bank held on 12 September 2018, it was decided not to distribute profit to contribute to the capital. For this reason, it has been decided that TL 13,859 of the distributable net profit for the period of 277,152 TL shall be separated as Primary Reserves and the remaining amount will be added to Extraordinary Reserves account.

	<b>Current Period</b>	Prior Period
Amounts transferred to reserves from retained earnings	<del>-</del>	15,078

i) Information on shares issued: None (31 December 2017: None).

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

#### **Explanations and Notes Related To Statement of Cash Flows**

VI.

# 1. The effects of the other items stated in the cash flow statement and the changes in foreign currency Exchange rates on cash and cash equivalents:

"Other items" amounting to TL 178,693 (31 December 2017: TL (212,883)) in "Operating profit before changes in operating assets and liabilities" consist of personnel expenses, dividend income, trading gain or losses and other operating expenses.

"Net increase/decrease in other liabilities" amounting to TL 488,242 (31 December 2017: TL 1,589,302) in "Changes in operating assets and liabilities" consists of changes in sundry creditors and other liabilities. "Net increase/decrease in other assets" with a total amount of TL 24,321 (31 December 2017: TL 7,278) consists of changes in sundry debtors and other assets.

The effect of changes in foreign currencies on cash and cash equivalents is TL (275,400) (31 December 2017: TL 160,163).

#### 2. Cash and cash equivalents in the beginning and at the end of the period:

The reconciliation of the components of cash and cash equivalents, accounting policies used to determine these components, the effect of any change made in accounting principle in the current period, the recorded amounts of the cash and cash equivalent assets at the balance sheet and the recorded amounts in the cash flows statement:

	31 December 2018	31 December 2017
Cash	480	85
Cash in TL/Foreign Currency	37	14
Central Bank - Unrestricted amount	443	71
Other	-	-
Cash equivalents	10,184,317	7,737,093
Banks	10,163,484	7,715,925
Money market placements	20,833	21,168
Total Cash and Cash Equivalents	10,184,797	7,737,178
Accruals (-)	(25,173)	(13,260)
Total cash and cash equivalents in cash flow statement	10,159,624	7,723,918

	31 December 2018	31 December 2017
Cash	79,037	480
Cash in TL/Foreign Currency	60	37
Central Bank - Unrestricted amount	78,977	443
Other	<u>-</u>	-
Cash equivalents	11,530,101	10,184,317
Banks	10,884,838	10,163,484
Money market placements	645,263	20,833
Total Cash and Cash Equivalents	11,609,138	10,184,797
Accruals (-)	(29,943)	(25,173)
Total cash and cash equivalents in cash flow statement	11,579,195	10,159,624

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

### **Explanations and Notes Related to Risk Group of the Bank**

#### Volume of related party transactions, income and expense amounts involved and outstanding loan and deposit balances:

#### a) Current Period:

VII.

1.

	Subsidiaries, associates and entities under common control (Joint Ventures)  Direct and indirect shareholders of the Ban			Other entities included in the risk group		
Bank's Risk Group	Cash	Non-cash	Cash	Non-cash	Cash	Non-cash
Loans and other receivables						
Balance at beginning of the period	-	_	144,797	2,666,698	100,108	-
Balance at end of the period	-	_	14,800	3,964,840	-	-
Interest and commission income	1,739	-	27,198	21,264	6,880	8,282

Prior Period:

	Subsidiaries, ass					
	entities under con (Joint Ven		rect and indirect of the Ba		other entities in risk gr	
Bank's Risk Group	Cash	Non-cash	Cash	Non-cash	Cash	Non-cash
Loans and other receivables						
Balance at beginning of the period	-	-	98,945	2,783,755	70,038	-
Balance at end of the period	-	-	144,797	2,666,698	100,108	-
Interest and commission income	2,112		32,855	19,511	14,456	3,537

- b) Information on related party deposits balances: None (31 December 2017: None).
- c) Information on forward and option agreements and other similar agreements made with related parties: None (31 December 2017: None).

#### 2. Disclosures for the risk group of the bank:

- a) The relations of the bank with the entities controlled by the Bank and its related parties, regardless of whether there are any transactions or not: None (31 December 2017: None).
- b) Besides the structure of relationship, nature of the transaction, amount and ratio to the volume of transactions, amount of major items and ratio to all items, pricing policies and other factors: None (31 December 2017: None).
- c) In cases whereby separate disclosure is not necessary, the total of similar items in order to present the total impact on the financial statements: None (31 December 2017: None).
- d) Transactions accounted for under the equity method: None (31 December 2017: None).
- e) Disclosures related to purchase and sale of real estate and other assets, services given/received, agency contracts, leasing contracts, transferring information as a result of research and development, license contracts, financing (including supports in the form of loans, capital in cash and capital in kind), guarantees and management contracts: None (31 December 2017: None).

ISTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

### EXPLANATIONS AND DISCLOSURES ON UNCONSOLIDATED FINANCIAL STATEMENTS (Continued)

VIII. Explanations and Notes on the Bank's Domestic Branches, Agencies and Branches Abroad and Off-Shore Branches

1. Explanations on the Bank's domestic branches, agencies and branches abroad and off-shore branches:

	Number	Employees			
Domestic branches	1	292			
			Country		
Rep-offices abroad	- 1	-	-		
				Total Asset	Capital
Branches abroad	- 1	-	-	-	-
Off-shore branches	-	-	-	-	-

2. Explanations on branch and agency openings or closings and on substantial change in the organization of the Bank:

None.

IX. Explanations and Notes Related To Subsequent Events

None.

İSTANBUL TAKAS VE SAKLAMA BANKASI A.Ş. NOTES TO THE UNCONSOLIDATED FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2018

#### **SECTION SIX**

#### INDEPENDENT AUDITOR'S REPORT

#### I. Explanations on the Independent Auditor's Report

The unconsolidated financial statements for the year ended 31 December 2018 were audited by KPMG Bağımsız Denetim ve Serbest Muhasebeci Mali Müşavirlik AŞ (the Turkish member firm of KPMG International Cooperative, a Swiss entity) and Auditors' Report dated 28 February 2019 is presented in the introduction of this report.

### II. Other Footnotes and Explanations Prepared by Independent Auditor

None.