

**TAKASBANK CPMI IOSCO Quantitative Disclosure  
2018 - Q3**

**4.1 Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service**  
**As at Quarter End**

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS Fixed Income Market
4.1.1 Prefunded - Own Capital Before	111,122,000 €	4,976,000 €	3,317,000 €	24,878,000 €	21,561,000 €
4.1.2 Prefunded - Own Capital Alongside	- €	- €	- €	- €	- €
4.1.3 Prefunded - Own Capital After	- €	- €	- €	- €	- €
4.1.4 Prefunded - Aggregate Participant Contributions - Required	231,570,409 €	1,887,000 €	1,550,000 €	89,664,187 €	432,263,817 €
4.1.5 Prefunded - Aggregate Participant Contributions - Post-Haircut Posted	265,002,824 €	4,350,207 €	13,047,789 €	94,521,063 €	628,736,432 €
4.1.6 Prefunded - Other	- €	- €	- €	- €	- €
4.1.7 Committed - Own/parent funds that are committed to address a participant default (or round of participant defaults)	57,980,000 €	2,596,000 €	1,731,000 €	12,981,000 €	11,250,000 €
4.1.8 Committed - Aggregate participant commitments to address an initial participant default (or initial round of participant defaults)	228,262,260 €	1,850,000 €	1,501,563 €	88,118,253 €	427,055,819 €
4.1.9 Committed - Aggregate participant commitments to replenish the default fund to deal with a subsequent participant default (or round of participant defaults) after the initial participant default (or round of participant defaults) has been addressed	224,954,112 €	1,813,000 €	1,453,125 €	86,572,318 €	421,847,821 €
4.1.10 Committed - Other	- €	- €	- €	- €	- €

**4.2 Kccp**  
**Quarterly**

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
4.2.1 Kccp - Kccp need only be reported by those CCPs which are, or seek to be a "qualifying CCP" under relevant law	0	0	0	-	0

**4.3 Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by**  
**As at Quarter End**

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
4.3.1 Cash deposited at a central bank of issue of the currency concerned	Market Value Pre-Haircut	- €	- €	- €	- €
4.3.2 Cash deposited at a central bank of issue of the currency concerned	Market Value Post-Haircut	- €	- €	- €	- €
4.3.3 Cash deposited at other central banks	Market Value Pre-Haircut	- €	- €	- €	- €
4.3.4 Cash deposited at other central banks	Market Value Post-Haircut	- €	- €	- €	- €
4.3.5 Secured cash deposited at commercial banks (including reverse repo)	Market Value Pre-Haircut	- €	- €	- €	- €
4.3.6 Secured cash deposited at commercial banks (including reverse repo)	Market Value Post-Haircut	- €	- €	- €	- €
4.3.7 Unsecured cash deposited at commercial banks	Market Value Pre-Haircut	202,924,638 €	4,344,193 €	741,863 €	72,247,415 €
4.3.8 Unsecured cash deposited at commercial banks	Market Value Post-Haircut	202,697,797 €	4,341,277 €	736,851 €	72,216,182 €
4.3.9 Non-Cash Sovereign Government Bonds - Domestic	Market Value Pre-Haircut	68,913,879 €	9,813 €	13,626,895 €	6,247,527 €
4.3.10 Non-Cash Sovereign Government Bonds - Domestic	Market Value Post-Haircut	61,566,394 €	8,930 €	12,310,938 €	4,974,099 €
4.3.11 Non-Cash Sovereign Government Bonds - Other	Market Value Pre-Haircut	- €	- €	- €	- €
4.3.12 Non-Cash Sovereign Government Bonds - Other	Market Value Post-Haircut	- €	- €	- €	- €
4.3.13 Non-Cash Agency Bonds	Market Value Pre-Haircut	- €	- €	- €	- €
4.3.14 Non-Cash Agency Bonds	Market Value Post-Haircut	- €	- €	- €	- €
4.3.15 Non-Cash State/municipal bonds	Market Value Pre-Haircut	- €	- €	- €	- €
4.3.16 Non-Cash State/municipal bonds	Market Value Post-Haircut	- €	- €	- €	- €
4.3.17 Non-Cash Corporate bonds	Market Value Pre-Haircut	- €	- €	- €	- €
4.3.18 Non-Cash Corporate bonds	Market Value Post-Haircut	- €	- €	- €	- €
4.3.19 Non-Cash Equities	Market Value Pre-Haircut	- €	- €	- €	9,412 €
4.3.20 Non-Cash Equities	Market Value Post-Haircut	- €	- €	- €	1,318 €
4.3.21 Non-Cash Commodities - Gold	Market Value Pre-Haircut	- €	- €	- €	- €
4.3.22 Non-Cash Commodities - Gold	Market Value Post-Haircut	- €	- €	- €	- €
4.3.23 Non-Cash Commodities - Other	Market Value Pre-Haircut	- €	- €	- €	- €
4.3.24 Non-Cash Commodities - Other	Market Value Post-Haircut	- €	- €	- €	- €
4.3.25 Non-Cash Commodities - Mutual Funds / UCITs	Market Value Pre-Haircut	1,678,710 €	- €	- €	- €
4.3.26 Non-Cash Commodities - Mutual Funds / UCITs	Market Value Post-Haircut	738,633 €	- €	- €	- €
4.3.27 Non-Cash Commodities - Other	Market Value Pre-Haircut	- €	- €	- €	18,009,500 €
4.3.28 Non-Cash Commodities - Other	Market Value Post-Haircut	- €	- €	- €	66,675,000 €

\*Unsecured cash deposited at commercial banks is protected by the Capital Markets Law numbered 6362 from bankruptcy

**4.4 Disclosures**  
**Quarterly**

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market (***)
4.4.1 State whether the CCP is subject to a minimum "Cover 1" or "Cover 2" requirement in relation to total pre-funded default resources.	Cover 2	Cover 2	Cover 2	Cover 2	Cover 2
4.4.2 For each clearing service, state the number of business days within which the CCP assumes it will close out the default when calculating credit exposures that would potentially need to be covered by the default fund.	2	2	2	2	2

4.4.3	For each clearing service, what is the estimated largest aggregate stress loss (in excess of initial margin) that would be caused by the default of any single participant and its affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions?	Cover 1	Peak Day in 12 Months	137,045,338 ₺	499,940 ₺	30,228 ₺	88,937,638 ₺	508,608,702 ₺
4.4.4	For each clearing service, what is the estimated largest aggregate stress loss (in excess of initial margin) that would be caused by the default of any single participant and its affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions?	Cover 1	Average in 12 Months	74,739,924 ₺	195,873 ₺	10,728 ₺	14,975,999 ₺	218,142,442 ₺
4.4.5	Report the number of business days, if any, on which the above amount exceeded actual pre-funded default resources (in excess of initial margin) and by how much.	Cover 1	# of Days	0	0	0	0	0
4.4.6	For each clearing service, what was the actual largest aggregate credit exposure (in excess of initial margin) to any single participant and its affiliates (including transactions cleared for indirect participants)?	Cover 1		103,694,390 ₺	1,146,977 ₺	- ₺	23,968,465 ₺	- ₺
4.4.7	For each clearing service, what is the estimated largest aggregate stress loss (in excess of initial margin) that would be caused by the default of any two participants and their affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions?	Cover 2	Peak Day in 12 Months	230,889,405 ₺	589,685 ₺	33,232 ₺	118,070,362 ₺	921,527,841 ₺
4.4.8	For each clearing service, what is the estimated largest aggregate stress loss (in excess of initial margin) that would be caused by the default of any two participants and their affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions?	Cover 2	Average in 12 Months	131,743,256 ₺	326,014 ₺	12,478 ₺	22,928,951 ₺	364,376,530 ₺
4.4.9	Report the number of business days, if any, on which the above amount exceeded actual pre-funded default resources (in excess of initial margin) and by how much.	Cover 2	# of Days	0	0	0	0	18
4.4.10	For each clearing service, what was the actual largest aggregate credit exposure (in excess of initial margin) to any two participants and their affiliates (including transactions cleared for indirect participants)?	Cover 2		141,672,706 ₺	1,342,014 ₺	- ₺	47,459,346 ₺	- ₺

#### 5.1 Assets eligible as initial margin, and the respective haircuts applied

Update as changes are made

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
5.1.1 Turkish Lira (TRY)	1	1	1	1	1
5.1.2 Convertible Currency (EUR&USD)	0.94	0.94	0.95	0.94	0.94
5.1.3 Government Debt Securities (TRY Denominated)	0.91	0.91	0,90 - 0,95 (*)	0.91	0.91
5.1.4 Government Debt Securities (Eurobond )(Non TRY Denominated)	0.76	0.76	0	0.76	0.76
5.1.5 Lease Certificates (Sukuk) Issued by T.C. Hazinesi Varlık Kiralama A.Ş.	0.7	0	0	0.7	0.7
5.1.6 Investment Fund Participation Certificates (Others)	0.82	0	0	0.82	0.82
5.1.7 Gold (traded at Organised Exchange)	0.88	0	0	0.88	0.88
5.1.8 Investment Fund Participation Certificates (Equity Intense)					
5.1.9 Equity (BIST 30)					
5.1.10 Equity (BIST 100-30)					

#### 5.2 Assets Eligible for pre-funded participant contributions to the default resources, and the respective haircuts applied (if different from 5.1)

Update as changes are made

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market
5.2.1 Turkish Lira (TRY)	1	1	1	1
5.2.2 Convertible Currency (EUR&USD)	0.94	0.94	0.95	0.94
5.2.3 Government Debt Securities (TRY Denominated)	0.91	0.91	0,90 - 0,95 (*)	0.91
5.2.4 Government Debt Securities (Eurobond )(Non TRY Denominated)	0	0	0	0.83
5.2.5 Lease Certificates (Sukuk) Issued by T.C. Hazinesi Varlık Kiralama A.Ş.	0	0	0,90 - 0,95 (*)	0.88
5.2.6 Umbrella Mutual Funds (Fixed Income)	0.88	0	0	0.88
5.2.7 Gold (traded at Organised Exchange)	0	0.86	0	0
5.2.8 Umbrella Mutual Funds (Equity Intense)	0.82	0	0	0.82
5.2.9 Equity (BIST 30)	0	0	0	0.76
5.2.10 Equity (BIST 100-30)	0	0	0	0.7

(\*) Maturity < 3 year: 0,95 or Maturity > 3 year: 0,9

#### 5.3 Results of testing of haircuts

Quarterly

	Convertible Currency (EUR&USD)	Gold	Government Debt Securities	Equity*	Investment Fund Participation Certificates (Equity Intense)	Investment Fund Participation Certificates (Fixed Income)
5.3.1 confidence interval targeted through the calculation of haircuts	0.999	0.999	0.999	0.999	0.999	0.999
5.3.2 assumed holding/liquidation period for the assets accepted,	2	2	2	2	2	3

5.3.3	look-back period used for testing the haircuts	1 year					
5.3.4	the number of days during the look-back period on which the fall in value during the assumed holding/liquidation period exceeded the haircut on an asset.	10	3	0	53	8	15

\* 11 equity out of 100 exceeded the haircut at 53 times during month.

6.1 For each clearing service, total initial margin required, split by house and client (or combined total if not segregated)  
Quarterly

		Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS Fixed Income Market
6.1.1	House	255,799,400 €	35,954,880 €	- €	8,279,863 €	329,041,949 €
6.1.2	Client	Gross Position	- €	- €	- €	- €
6.1.3	Client	Net Position	1,473,864,058 €	37,422,426 €	- €	229,254,898 €
6.1.4	Total	If not Segregated	- €	- €	- €	- €

0

6.2 For each clearing service, total initial margin held, split by house and client  
Quarterly

			Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS Fixed Income Market
6.2.1	House	Cash deposited at a central bank of issue of the currency concerned	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.2	House	Cash deposited at a central bank of issue of the currency concerned	Market Value Post-Haircut	- €	- €	- €	- €
6.2.3	House	Cash deposited at other central banks	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.4	House	Cash deposited at other central banks	Market Value Post-Haircut	- €	- €	- €	- €
6.2.5	House	Secured cash deposited at commercial banks (including reverse repo)	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.6	House	Secured cash deposited at commercial banks (including reverse repo)	Market Value Post-Haircut	- €	- €	- €	- €
6.2.7	House	Unsecured cash deposited at commercial banks	Market Value Pre-Haircut	736,435,485 €	28,389,891 €	- €	7,528,687 €
6.2.8	House	Unsecured cash deposited at commercial banks	Market Value Post-Haircut	736,435,485 €	28,389,891 €	- €	7,528,687 €
6.2.9	House	Non-Cash Sovereign Government Bonds - Domestic	Market Value Pre-Haircut	91,014,293 €	2,139,328 €	136,516,279 €	5,189,856 €
6.2.10	House	Non-Cash Sovereign Government Bonds - Domestic	Market Value Post-Haircut	68,712,201 €	1,946,788 €	123,678,164 €	4,607,029 €
6.2.11	House	Non-Cash Sovereign Government Bonds - Other	Market Value Pre-Haircut	- €	- €	- €	100,744,801 €
6.2.12	House	Non-Cash Sovereign Government Bonds - Other	Market Value Post-Haircut	- €	- €	- €	29,066,974 €
6.2.13	House	Non-Cash Agency Bonds	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.14	House	Non-Cash Agency Bonds	Market Value Post-Haircut	- €	- €	- €	- €
6.2.15	House	Non-Cash State/municipal bonds	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.16	House	Non-Cash State/municipal bonds	Market Value Post-Haircut	- €	- €	- €	- €
6.2.17	House	Non-Cash Corporate bonds	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.18	House	Non-Cash Corporate bonds	Market Value Post-Haircut	- €	- €	- €	- €
6.2.19	House	Non-Cash Equities	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.20	House	Non-Cash Equities	Market Value Post-Haircut	- €	- €	- €	- €
6.2.21	House	Non-Cash Commodities - Gold	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.22	House	Non-Cash Commodities - Gold	Market Value Post-Haircut	- €	- €	- €	- €
6.2.23	House	Non-Cash Commodities - Other	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.24	House	Non-Cash Commodities - Other	Market Value Post-Haircut	- €	- €	- €	- €
6.2.25	House	Non-Cash - Mutual Funds / UCITs	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.26	House	Non-Cash - Mutual Funds / UCITs	Market Value Post-Haircut	- €	- €	- €	- €
6.2.27	House	Non-Cash - Other	Market Value Pre-Haircut	- €	- €	- €	10,485,500 €
6.2.28	House	Non-Cash - Other	Market Value Post-Haircut	- €	- €	- €	9,369,940 €
6.2.29	Client	Cash deposited at a central bank of issue of the currency concerned	Market Value Pre-Haircut	- €	- €	35,565,000 €	- €
6.2.30	Client	Cash deposited at a central bank of issue of the currency concerned	Market Value Post-Haircut	- €	- €	33,786,750 €	- €
6.2.31	Client	Cash deposited at other central banks	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.32	Client	Cash deposited at other central banks	Market Value Post-Haircut	- €	- €	- €	- €
6.2.33	Client	Secured cash deposited at commercial banks (including reverse repo)	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.34	Client	Secured cash deposited at commercial banks (including reverse repo)	Market Value Post-Haircut	- €	- €	- €	- €
6.2.35	Client	Unsecured cash deposited at commercial banks	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.36	Client	Unsecured cash deposited at commercial banks	Market Value Post-Haircut	- €	- €	- €	- €
6.2.37	Client	Non-Cash Sovereign Government Bonds - Domestic	Market Value Pre-Haircut	3,003,258,235 €	35,312,624 €	- €	128,114,487 €
6.2.38	Client	Non-Cash Sovereign Government Bonds - Domestic	Market Value Post-Haircut	3,003,258,235 €	35,312,624 €	- €	128,114,487 €
6.2.39	Client	Non-Cash Sovereign Government Bonds - Other	Market Value Pre-Haircut	6,938,835 €	- €	13,649,500 €	19,951,691 €
6.2.40	Client	Non-Cash Sovereign Government Bonds - Other	Market Value Post-Haircut	3,316,540 €	- €	12,284,550 €	15,378,952 €
6.2.41	Client	Non-Cash Agency Bonds	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.42	Client	Non-Cash Agency Bonds	Market Value Post-Haircut	- €	- €	- €	- €
6.2.43	Client	Non-Cash State/municipal bonds	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.44	Client	Non-Cash State/municipal bonds	Market Value Post-Haircut	- €	- €	- €	- €
6.2.45	Client	Non-Cash Corporate bonds	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.46	Client	Non-Cash Corporate bonds	Market Value Post-Haircut	- €	- €	- €	- €
6.2.47	Client	Non-Cash Equities	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.48	Client	Non-Cash Equities	Market Value Post-Haircut	- €	- €	- €	- €
6.2.49	Client	Non-Cash Commodities - Gold	Market Value Pre-Haircut	4,582,523 €	152,320 €	- €	23,530 €
6.2.50	Client	Non-Cash Commodities - Gold	Market Value Post-Haircut	1,185,194 €	115,763 €	- €	3,294 €
6.2.51	Client	Non-Cash Commodities - Other	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.52	Client	Non-Cash Commodities - Other	Market Value Post-Haircut	- €	- €	- €	- €
6.2.53	Client	Non-Cash Commodities - Mutual Funds / UCITs	Market Value Pre-Haircut	- €	- €	- €	- €
6.2.54	Client	Non-Cash Commodities - Mutual Funds / UCITs	Market Value Post-Haircut	- €	- €	- €	- €

6.2.55	Client	Non-Cash Commodities - Other	Market Value Pre-Haircut	5,579 ₺	- ₺	- ₺	- ₺	- ₺
6.2.56	Client	Non-Cash Commodities - Other	Market Value Post-Haircut	1,592 ₺	- ₺	- ₺	- ₺	- ₺

6.3 Initial Margin rates on individual contracts, where the CCP sets such rates

Update as changes are made

Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
https://wwwdata.takasbank.com.tr/pardosya/Prod/	115% (BIST 30); 120% (Non BIST 30)	105%	https://wwwdata.takasbank.com.tr/pardosya/Prod/	

6.4 Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service

Quarterly; CCP List all changes made during the quarter including effective dates

Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS Fixed Income
Delta Hedge parameters are generated by historical simulation approach	Risk aggregation with historical VAR	Risk aggregation with historical VAR	Delta Hedge parameters are generated by historical simulation approach	Cash Flow Margin parameters are generated by historical simulation approach
0	0	0	0	0
99.5% - 99.75% *	0.995	0.995	0.995	0.995
5 year	5 year	5 year	5 year	5 year
2 Days Holding Period	2 Days Holding Period	2 Days Holding Period	2 Days Holding Period	2 Days Holding Period

\*For electricity contracts

6.5 Results of back-testing of initial margin. At a minimum, this should include, for each clearing service and each initial margin model applied to that clearing service:

Quarterly

		Derivatives***	Securities Lending Market	BIAS Money Market	BIAS Equity Market (**)	BIAS Fix Income Market (**)		
6.5.1	Number of times over the past twelve months that margin coverage held against any account fell below the actual marked-to-market exposure of that member account – based on daily back-testing results	Peak	Intraday or Continuous or Once-a-day	4,540	3	0	N/A	N/A
6.5.2	Number of observations	Peak	Intraday or Continuous or Once-a-day	2,092,365	16,591	252	N/A	N/A
6.5.3	Achieved coverage level	Peak	Intraday or Continuous or Once-a-day	1	1	0	N/A	N/A
6.5.4	Where breaches of initial margin coverage (as defined in 6.5(a)) have occurred, report on size of uncovered exposure	Peak	Intraday or Continuous or Once-a-day	371,010,182	885,207	0	N/A	N/A
6.5.5	Number of times over the past twelve months that margin coverage held against any account fell below the actual marked-to-market exposure of that member account – based on daily back-testing results	Average	Intraday or Continuous or Once-a-day	82	1	0	N/A	N/A
6.5.6	Number of observations	Average	Intraday or Continuous or Once-a-day	2,092,365	16,591	252	N/A	N/A
6.5.7	Achieved coverage level	Average	Intraday or Continuous or Once-a-day	1	1	0	N/A	N/A
6.5.8	Where breaches of initial margin coverage (as defined in 6.5(a)) have occurred, report on size of uncovered exposure	Average	Intraday or Continuous or Once-a-day	6,212,665	225,292	0	N/A	N/A

\*Required initial margin values are used in the backtests

\*\* Only contract base back-test apply for both market. There is not enough data for Fix Income backtest calculation.

\*\*\*At derivatives market, account structure is segregated.

6.6 Average Total Variation Margin Paid to the CCP by participants each business

Quarterly; Average per business day over the Quarter

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market	
6.6.1	Average Total Variation Margin Paid to the CCP by participants each business day	118,979,933 ₺	39,384 ₺	- ₺	711,098 ₺	1,368,049 ₺

6.7 Maximum total variation margin paid to the CCP on any given business day over the period

Quarterly; Maximum over Quarter

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market (*)	
6.7.1	Maximum total variation margin paid to the CCP on any given business day over the period	578,257,180 ₺	1,117,560 ₺	- ₺	23,968,465 ₺	7,499,325 ₺

(\*) Variation margin is not applicable in market rules

6.8 Maximum aggregate initial margin call on any given business day over the period

Quarterly; Maximum over Quarter

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market	
6.8.1	Maximum aggregate initial margin call on any given business day over the period	28,177,931 ₺	1,117,560 ₺	- ₺	68,523,684 ₺	1,053,310,228 ₺

7.1 Liquidity Risk - 7.1; Multiple Items

Quarterly

Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market
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BIAS FI Market

7.1.1	State whether the clearing service maintains sufficient liquid resources to 'Cover 1' or 'Cover 2'.		Cover 2	Cover 2	Cover 2	Cover 2	Cover 2
7.1.2	Size and composition of qualifying liquid resources for each clearing service	(a) Cash deposited at a central bank of issue of the currency concerned	- €	- €	- €	- €	- €
7.1.3	Size and composition of qualifying liquid resources for each clearing service	(b) Cash deposited at other central banks	- €	- €	- €	- €	- €
7.1.4	Size and composition of qualifying liquid resources for each clearing service	(c) Secured cash deposited at commercial banks (including reverse repo)	- €	- €	- €	- €	- €
7.1.5	Size and composition of qualifying liquid resources for each clearing service	(d) Unsecured cash deposited at commercial banks	4,129,797,271 €	63,831,005 €	33,786,750 €	192,285,000 €	273,099,193 €
7.1.6	Size and composition of qualifying liquid resources for each clearing service	(e) secured committed lines of credit (ie those for which collateral/security will be provided by the CCP if drawn) including committed foreign exchange swaps and committed repos;	- €	- €	- €	- €	- €
7.1.7	Size and composition of qualifying liquid resources for each clearing service	(f) unsecured committed lines of credit (ie which the CCP may draw without providing collateral/security);	- €	- €	- €	- €	- €
7.1.8	Size and composition of qualifying liquid resources for each clearing service	(g) highly marketable collateral held in custody and investments that are readily available and convertible into cash with prearranged and highly reliable funding arrangements even in extreme but plausible market conditions;	72,028,741 €	1,946,788 €	135,962,714 €	19,985,981 €	3,749,586,313 €
7.1.9	Size and composition of qualifying liquid resources for each clearing service	(h) other	- €	- €	- €	- €	- €
7.1.10	State whether the CCP has routine access to central bank liquidity or facilities.		N/a	N/a	N/a	N/a	N/a
7.1.11	Details regarding the schedule of payments or priority for allocating payments, if such exists, and any applicable rule, policy, procedure, and governance arrangement around such decision making.		N/a	N/a	N/a	N/a	N/a

7.2 **Size and composition of any supplementary liquidity risk resources for each clearing service above those qualifying liquid resources above.**

Quarterly

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
7.2.1 Size and composition of any supplementary liquidity risk resources for each clearing service above those qualifying liquid resources in 7.1	0	0	0	0	0

7.3 **Liquidity Risk - 7.3; Multiple Items**

Quarterly

			Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
7.3.1 What is the estimated largest same-day and, where relevant, intraday and multiday payment obligation in total that would be caused by the default of any single participant and its affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions?	Forward looking measure reported quarterly	TRY	127,123,273.00 €	288,329.00 €	-	88,937,638.00 €	508,608,702.00 €
7.3.2 Report the number of business days, if any, on which the above amount exceeded its qualifying liquid resources (identified as in 7.1, and available at the point the breach occurred), and by how much.	No. of days in quarter, and amount of excess on each day	TRY	0	0	0	11	3
7.3.3 What is the actual largest intraday and multiday payment obligation of a single participant and its affiliates (including transactions cleared for indirect participants) over the past twelve months?	Peak day amount in previous twelve months	TRY	28,177,931.14 €	1,117,560.00 €	- €	68,523,684.00 €	1,053,310,228.26 €

(\*) CCP service at BIST Equiy market started on 19/06/2017; therefore liquidity stress test has not been applied.

12.1 **Percentage of settlements by value effected using a DvP, DvD or PVP settlement mechanism**

Quarterly

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
12.1.1 Percentage of settlements by value effected using a DvP settlement mechanism	100%	100%	100%	100%	100%
12.1.2 Percentage of settlements by value effected using a DvD settlement mechanism	0%	0%	0%	0%	0%
12.1.3 Percentage of settlements by value effected using a PVP settlement mechanism	0%	0%	0%	0%	0%

12.2 **Percentage of settlements by volume effected using a DvP, DvD or PVP settlement mechanism**

Quarterly

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
12.2.1 Percentage of settlements by volume effected using a DvP settlement mechanism	100%	100%	100%	100%	100%
12.2.2 Percentage of settlements by volume effected using a DvD settlement mechanism	0%	0%	0%	0%	0%
12.2.3 Percentage of settlements by volume effected using a PVP settlement mechanism	0%	0%	0%	0%	0%

13.1 **CCPs are encouraged, subject to legal constraints on timing and content, to disclose as soon as practicable quantitative information related to defaults**

**Ad-Hoc; As Time Permits**

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
13.2.1	Amount of loss versus amount of initial margin	N/a	N/a	0	0
13.2.2	Amount of other financial resources used to cover losses	N/a	N/a	0	0
13.2.3	Proportion of client positions closed-out/ported	N/a	N/a	0	0
13.2.4	Appropriate references to other published material related to the defaults	<a href="#">Link (CCP Default Management General Application Principles)</a>			

14.1 **Total Client Positions held in the following as a share of notional values cleared or of the settlement value of securities transactions**

**Quarterly**

	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
14.1.1	Total Client Positions held in individually segregated accounts	0.74 ₺	0.54 ₺	- ₺	- ₺
14.1.2	Total Client Positions held in omnibus client-only accounts, other than LSOC accounts	- ₺	- ₺	NA	0.98 ₺
14.1.3	Total Client Positions held in legally segregated but operationally comingled (LSOC) accounts	- ₺	- ₺	- ₺	- ₺
14.1.4	Total Client Positions held in comingled house and client accounts	- ₺	- ₺	- ₺	- ₺

15.1 **General business risk; 15.1, multiple items**

**Annual**

	Takasbank
15.1.1	Value of liquid net assets funded by equity
15.1.2	Six months of current operating expenses

\*Takasbank's total allocated (187,539,000 TL) and total committed (97,853,00 TL) capital is excluded.

\*\*This amount represents the total operational expense excluding interest expenses and allowance for credit risk out of total expenses.

15.2 **General business risk; Financial Disclosures**

**Annual**

	Takasbank
15.1.1	Total Revenue
15.1.2	Total Expenditure
15.1.3	Profits
15.1.4	Total Assets
15.1.5	Total Liabilities
15.1.6	Explain if collateral posted by clearing participants is held on or off the CCP's
15.1.7	Additional items as necessary

\*Includes all Takasbank services

15.3 **General business risk; Income breakdown**

**Annual**

	Takasbank
15.3.1	Percentage of total income that comes from fees related to provision of clearing services
15.3.2	Percentage of total income that comes from the reinvestment (or rehypothecation) of assets provided by clearing participants

16.1 **Total cash (but not securities) received from participants, regardless of the form in which it is held, deposited or invested, split by whether it was received as initial margin or default fund contribution**

**Quarterly, at Quarter End**

	Takasbank
16.1.1	Total cash (but not securities) received from participants, regardless of the form in which it is held, deposited or invested, received as initial margin
16.1.2	Total cash (but not securities) received from participants, regardless of the form in which it is held, deposited or invested, received as default fund contribution

16.2 **How total cash received from participants (16.1) is held/deposited/invested, including;**

**Quarterly**

		Takasbank
16.2.1	Percentage of total participant cash held as cash deposits (including through reverse repo) as cash deposits at central banks of issue of the currency deposited	0%
16.2.2	Percentage of total participant cash held as cash deposits (including through reverse repo) as cash deposits at other central banks	0%
16.2.3	Percentage of total participant cash held as cash deposits (including through reverse repo) as cash deposits at commercial banks (Secured, including through reverse repo)	0%
16.2.4	Percentage of total participant cash held as cash deposits (including through reverse repo) as cash deposits at commercial banks (Unsecured)	100%
16.2.5	Percentage of total participant cash held as cash deposits (including through reverse repo) in money market funds	0%

16.2.6	Percentage of total participant cash held as cash deposits (including through reverse repo)	in other forms	Additional Description as needed	0%
16.2.7	Percentage of total participant cash held as cash deposits (including through reverse repo)	percentage split by currency of these cash deposits (including reverse repo) and money market funds	USD	0%
16.2.8	Percentage of total participant cash held as cash deposits (including through reverse repo)	percentage split by currency of these cash deposits (including reverse repo) and money market funds	EUR	0%
16.2.9	Percentage of total participant cash held as cash deposits (including through reverse repo)	weighted average maturity of these cash deposits (including reverse repo) and money market funds		0%
16.2.10	Percentage of total participant cash invested in securities	Domestic sovereign government bonds		0%
16.2.11	Percentage of total participant cash invested in securities	Other sovereign government bonds		0%
16.2.12	Percentage of total participant cash invested in securities	Agency Bonds		0%
16.2.13	Percentage of total participant cash invested in securities	State/municipal bonds		0%
16.2.14	Percentage of total participant cash invested in securities	Other instruments	Additional Description as needed	0%
16.2.15	Percentage of total participant cash invested in securities	percentage split by currency of these securities	USD	0%
16.2.16	Percentage of total participant cash invested in securities	percentage split by currency of these securities	EUR	0%
16.2.17	Percentage of total participant cash invested in securities	weighted average maturity of securities		0%
16.2.18	Provide an estimate of the risk on the investment portfolio (excluding central bank and commercial bank deposits) (99% one-day VaR, or equivalent)			0%
16.2.19	State if the CCP investment policy sets a limit on the proportion of the investment portfolio that may be allocated to a single counterparty, and the size of that limit.			n/a
	State the number of times over the previous quarter in which this limit has been exceeded.			n/a

\*Cash deposited at commercial banks is protected by the Capital Markets Law numbered 6362 from bankruptcy

### 16.3 Rehypothecation of participant assets (ie non-cash)

#### Quarterly

			Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
16.3.1	Total value of participant non-cash rehypothecated	Initial Margin	- €	- €	- €	- €	- €
16.3.2	Total value of participant non-cash rehypothecated	Default Fund	- €	- €	- €	- €	- €
16.3.3	Maturities	Initial Margin	Overnight/one day	- €	- €	- €	- €
16.3.4	Maturities	Initial Margin	over one day and up to one week	- €	- €	- €	- €
16.3.5	Maturities	Initial Margin	over one week and up to one month	- €	- €	- €	- €
16.3.6	Maturities	Initial Margin	over one month and up to one year	- €	- €	- €	- €
16.3.7	Maturities	Initial Margin	over one year and up to two years	- €	- €	- €	- €
16.3.8	Maturities	Initial Margin	over two years	- €	- €	- €	- €
16.3.9	Maturities	Default Fund	Overnight/one day	- €	- €	- €	- €
16.3.10	Maturities	Default Fund	over one day and up to one week	- €	- €	- €	- €
16.3.11	Maturities	Default Fund	over one week and up to one month	- €	- €	- €	- €
16.3.12	Maturities	Default Fund	over one month and up to one year	- €	- €	- €	- €
16.3.13	Maturities	Default Fund	over one year and up to two years	- €	- €	- €	- €
16.3.14	Maturities	Default Fund	over two years	- €	- €	- €	- €

### 17.1 Operational availability target for the core system(s) involved in clearing (whether or not outsourced) over specified period for the system (e.g. 99.99% over a twelve-month period)

#### Quarterly

	Total
17.1.1 All services	100.0%

### 17.2 Actual availability of the core system(s) over the previous twelve month period

#### Quarterly

	Total (*)
17.2.1 Debt Securites Market Operations	0.9996125
17.2.2 BIST Money Market Operations	1
17.2.3 Treasury Operations	0.999916667
17.2.4 CCP Operations	0.99835
17.2.5 Securities Lending Operaitons	0.9963
17.2.6 Cash Equity Market Opearions	0.9982
17.2.7 SWIFT Operaitons	0.9995
17.2.8 Derivatvies Market Operaitons	0.9968125
17.2.9	0
17.2.10	0
17.2.11	0
17.2.12	0
17.2.13	0
17.2.14	0
17.2.15	0
17.2.16	0
17.2.17	0
17.2.18	0

Debt Securites Market Operations

**Total number and duration of failures**

17.3 **Quarterly**

	Total Duration(min)	Total Number of Times
17.3.1 Debt Securites Market Operations	211	2
17.3.2 BIST Money Market Operations	0	0
17.3.3 Treasury Operations	0	0
17.3.4 CCP Operations	401	5
17.3.5 Securities Lending Operaitons	665	3
17.3.6 Cash Equity Market Opearions	60	1
17.3.7 SWIFT Operaitons	89	2
17.3.8 Derivatvies Market Operaitons	1061	8
	0	

**Recovery time objective(s)**

17.4 **Quarterly**

17.4.1 Recovery time objective	Within 2 hours
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**Number of clearing members, by clearing service**

18.1 **Quarterly**

		Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
18.1.1 Category of membership	Category #1 Description	Direct	Direct	Direct	Direct	Direct
18.1.2 Category of membership	Category #2 Description	General	General	General	General	General
18.1.3 Type of participant	Type #1	70	53	32	58	83
18.1.4 Type of participant	Type #2	0	0	0	0	0
18.1.5 Participants	Domestic	70	53	32	58	83
18.1.6 Participants	Foreign	0	0	0	0	0

**Open Position Concentration**

18.2 **Quarterly**

			Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS Fixed Income Market
18.2.1	For each clearing service with ten or more members, but fewer than 25 members	Percentage of open positions held by the largest five clearing members, including both house and client, in aggregate	Average	0.00%	0.00%	0.00%	0.00%
18.2.2	For each clearing service with ten or more members, but fewer than 25 members	Percentage of open positions held by the largest five clearing members, including both house and client, in aggregate	Peak during Quarter	0.00%	0.00%	0.00%	0.00%
18.2.3	For each clearing service with 25 or more members	Percentage of open positions held by the largest five clearing members, including both house and client, in aggregate	Average	64.80%	67.54%	0.00%	37.49%
18.2.4	For each clearing service with 25 or more members	Percentage of open positions held by the largest five clearing members, including both house and client, in aggregate	Peak during Quarter	67.25%	81.22%	0.00%	47.50%
18.2.5	For each clearing service with 25 or more members	Percentage of open positions held by the largest ten clearing members, including both house and client, in aggregate	Average	80.70%	87.58%	0.00%	59.83%
18.2.6	For each clearing service with 25 or more members	Percentage of open positions held by the largest ten clearing members, including both house and client, in aggregate	Peak during Quarter	83.61%	94.21%	0.00%	65.35%

0.00%

**Initial Margin Concentration**

18.3 **Quarterly**

			Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS Fixed Income Market
18.3.1	For each clearing service with ten or more members, but fewer than 25 members	Percentage of initial margin posted by the largest five clearing members, including both house and client, in aggregate	Average	0.00%	0.00%	0.00%	0.00%
18.3.2	For each clearing service with ten or more members, but fewer than 25 members	Percentage of initial margin posted by the largest five clearing members, including both house and client, in aggregate	Peak during Quarter	0.00%	0.00%	0.00%	0.00%
18.3.3	For each clearing service with 25 or more members	Percentage of initial margin posted by the largest five clearing members, including both house and client, in aggregate	Average	63.26%	67.38%	0.00%	47.49%
18.3.4	For each clearing service with 25 or more members	Percentage of initial margin posted by the largest five clearing members, including both house and client, in aggregate	Peak during Quarter	66.80%	81.06%	0.00%	58.39%
18.3.5	For each clearing service with 25 or more members	Percentage of initial margin posted by the largest ten clearing members, including both house and client, in aggregate	Average	80.72%	87.52%	0.00%	68.61%
18.3.6	For each clearing service with 25 or more members	Percentage of initial margin posted by the largest ten clearing members, including both house and client, in aggregate	Peak during Quarter	83.14%	94.10%	0.00%	76.19%

**Segregated Default Fund Concentration**

18.4 **Quarterly**

		Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS Fixed Income Market
18.4.1	For each segregated default fund with ten or more members, but fewer than 25 members:	Percentage of participant contributions to the default fund contributed by largest five clearing members in aggregate	0%	0%	0%	0%

18.4.2	For each segregated default fund with 25 or more members	Percentage of participant contributions to the default fund contributed by largest five clearing members in aggregate	55%	55%	16%	33%	76%
18.4.3	For each segregated default fund with 25 or more members	Percentage of participant contributions to the default fund contributed by largest ten clearing members in aggregate	77%	77%	31%	54%	91%

**Tiered participation arrangements, measures of concentration of client clearing**

19.1	<b>Quarterly</b>					
19.1.1	Number of clients (if known)	Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market
19.1.2	Number of direct members that clear for clients	0	0	0	0	0
19.1.3	Percent of client transactions attributable to the top five clearing members (if CCP has 10+ clearing members)	NA	NA	NA	NA	NA
19.1.4	Percent of client transactions attributable to the top ten clearing members (if CCP has 25+ clearing members)	NA	NA	NA	NA	NA

**FMI Links, Value of Trades**

20.1	<b>Quarterly</b>	
20.1.1	Value of trades cleared through each link – as a share of total trade values/total notional values cleared	NA

**FMI Links, Initial Margin or equivalent financial resources provided**

20.2	<b>Quarterly</b>	
20.2.1	Initial margin or equivalent financial resources provided to each linked CCP by the CCP to cover the potential future exposure of the linked CCP on contracts cleared across link	NA

**FMI Links, Initial Margin or equivalent financial resources collected**

20.3	<b>Quarterly</b>	
20.3.1	Initial margin or equivalent financial resources collected from each linked CCP to cover potential future exposure to the linked CCP on contracts cleared across link (at market value and post-haircut)	NA

**FMI Links, Results of Back-testing coverage**

20.4	<b>Quarterly</b>		
20.4.1	Number of times over the past twelve months that coverage provided by margin and equivalent financial resources held against each linked CCP fell below the actual marked-to-market exposure to that linked CCP – based on daily back testing results	Intraday or Continuous or Once-a-day	N/A
20.4.2	Number of observations (i.e. number of accounts multiplied by number of days covered in the back test)	Intraday or Continuous or Once-a-day	N/A
20.4.3	Achieved coverage level	Intraday or Continuous or Once-a-day	N/A

**FMI Links, Additional pre-funded financial resources provided to**

20.5	<b>Quarterly</b>		
20.5.1	Additional pre-funded financial resources (if any) beyond initial margin and equivalent financial resources provided to each linked CCP, that are available to the linked CCP to cover exposures to the CCP and whether part of, additional to, or separate from the standard default fund	Additional Description	NA

**FMI Links, Additional pre-funded financial resources collected from**

20.6	<b>Quarterly</b>		
20.6.1	Additional pre-funded financial resources (if any) beyond initial margin and equivalent financial resources provided to each linked CCP, that are available to the linked CCP to cover exposures to the CCP and whether part of, additional to, or separate from the standard default fund	Additional Description	NA

**FMI Links, Cross Margining**

20.7	<b>Quarterly</b>	
20.7.1	Value of trades subject to cross margining, by clearing service, as a percentage of total trade values/total notional values cleared	Borsa İstanbul NA

20.7.2	Reduction in total initial margin held by the CCP as a result of crossmargining, as a percentage of total initial margin that would otherwise have been held.	- 〇
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**Disclosure of rules, key procedures, and market data; Average Daily Volumes**

23.1 **Quarterly, Average Per Business Day**

					Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market (Including Repo)
23.1.1	Average Daily Volumes	Index Future	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.2	Average Daily Volumes	Index Future	TRY	ETD	2,387,905,576 〇	- 〇	- 〇	- 〇	- 〇
23.1.3	Notional Value of trades cleared	Index Future	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.4	Notional Value of trades cleared	Index Future	TRY	ETD	10,778,770,355 〇	- 〇	- 〇	- 〇	- 〇
23.1.5	Average Daily Volumes	FX Future	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.6	Average Daily Volumes	FX Future	TRY	ETD	2,142,050,293 〇	- 〇	- 〇	- 〇	- 〇
23.1.7	Notional Value of trades cleared	FX Future	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.8	Notional Value of trades cleared	FX Future	TRY	ETD	9,745,890,265 〇	- 〇	- 〇	- 〇	- 〇
23.1.9	Average Daily Volumes	Equity Future	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.10	Average Daily Volumes	Equity Future	TRY	ETD	187,115,232 〇	- 〇	- 〇	- 〇	- 〇
23.1.11	Notional Value of trades cleared	Equity Future	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.12	Notional Value of trades cleared	Equity Future	TRY	ETD	449,546,595 〇	- 〇	- 〇	- 〇	- 〇
23.1.13	Average Daily Volumes	Gold Future	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.14	Average Daily Volumes	Gold Future	TRY	ETD	66,677,705 〇	- 〇	- 〇	- 〇	- 〇
23.1.15	Notional Value of trades cleared	Gold Future	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.16	Notional Value of trades cleared	Gold Future	TRY	ETD	376,124,502 〇	- 〇	- 〇	- 〇	- 〇
23.1.17	Average Daily Volumes	Commodity Future	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.18	Average Daily Volumes	Commodity Future	TRY	ETD	1,702,556 〇	- 〇	- 〇	- 〇	- 〇
23.1.19	Notional Value of trades cleared	Commodity Future	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.20	Notional Value of trades cleared	Commodity Future	TRY	ETD	51,910,690 〇	- 〇	- 〇	- 〇	- 〇
23.1.21	Average Daily Volumes	Index Option	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.22	Average Daily Volumes	Index Option	TRY	ETD	7,134,314 〇	- 〇	- 〇	- 〇	- 〇
23.1.23	Notional Value of trades cleared	Index Option	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.24	Notional Value of trades cleared	Index Option	TRY	ETD	7,949,744 〇	- 〇	- 〇	- 〇	- 〇
23.1.25	Average Daily Volumes	Equity Option	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.26	Average Daily Volumes	Equity Option	TRY	ETD	5,874,626 〇	- 〇	- 〇	- 〇	- 〇
23.1.27	Notional Value of trades cleared	Equity Option	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.28	Notional Value of trades cleared	Equity Option	TRY	ETD	8,822,278 〇	- 〇	- 〇	- 〇	- 〇
23.1.29	Average Daily Volumes	FX Option	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.30	Average Daily Volumes	FX Option	TRY	ETD	95,689,230 〇	- 〇	- 〇	- 〇	- 〇
23.1.31	Notional Value of trades cleared	FX Option	TRY	OTC	NA	- 〇	- 〇	- 〇	- 〇
23.1.32	Notional Value of trades cleared	FX Option	TRY	ETD	2,329,039 〇	- 〇	- 〇	- 〇	- 〇
23.1.33	Average Daily Volumes	Equity-Securities Lending	TRY	ETD	- 〇	47,482,745 〇	- 〇	- 〇	- 〇
23.1.34	Notional Value of trades cleared	Equity-Securities Lending	TRY	ETD	- 〇	47,482,745 〇	- 〇	- 〇	- 〇
23.1.35	Average Daily Volumes	Cash (Money market)	TRY	ETD	- 〇	- 〇	- 〇	- 〇	- 〇
23.1.36	Notional Value of trades cleared	Cash (Money market)	TRY	ETD	- 〇	- 〇	- 〇	- 〇	- 〇
23.1.37	Average Daily Volumes	Cash (Equity market)	TRY	ETD	- 〇	- 〇	- 〇	9,360,050,704 〇	- 〇
23.1.38	Notional Value of trades cleared	Cash (Equity market)	TRY	ETD	- 〇	- 〇	- 〇	1,516,400,501 〇	- 〇

0

**Disclosure of rules, key procedures, and market data; Non-Yet-Settled**

23.2 **Quarterly, At Quarter End**

					Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market (Including Repo)
23.2.1	Gross notional outstanding/total settlement value of novated but not-yetsettled securities transactions	Index Future	TRY	ETD	NA	NA	NA	NA	NA
23.2.2	Gross notional outstanding/total settlement value of novated but not-yetsettled securities transactions	FX Future	TRY	ETD	NA	NA	NA	NA	NA
23.2.3	Gross notional outstanding/total settlement value of novated but not-yetsettled securities transactions	Equity Future	TRY	ETD	100%	NA	NA	NA	NA
23.2.4	Gross notional outstanding/total settlement value of novated but not-yetsettled securities transactions	Gold Future	TRY	ETD	NA	NA	NA	NA	NA
23.2.5	Gross notional outstanding/total settlement value of novated but not-yetsettled securities transactions	Commodity Future	TRY	ETD	100%	NA	NA	NA	NA
23.2.6	Gross notional outstanding/total settlement value of novated but not-yetsettled securities transactions	Index Option	TRY	ETD	NA	NA	NA	NA	NA
23.2.7	Gross notional outstanding/total settlement value of novated but not-yetsettled securities transactions	Equity Option	TRY	ETD	100%	NA	NA	NA	NA
23.2.8	Gross notional outstanding/total settlement value of novated but not-yetsettled securities transactions	FX Option	TRY	ETD	NA	NA	NA	NA	NA
23.2.9	Gross notional outstanding/total settlement value of novated but not-yetsettled securities transactions	Equity-Securities Lending	TRY	ETD	NA	100%	NA	NA	NA
23.2.10	Gross notional outstanding/total settlement value of novated but not-yetsettled securities transactions	Equity-Cash	TRY	ETD	NA	NA	NA	100%	NA

23.2.11	Gross notional outstanding/total settlement value of novated but not-yetsettled securities transactions	Cash (Money market)	TRY	ETD	NA	NA	100%	NA	NA
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**Disclosure of rules, key procedures, and market data; Execution Facility**

23.3 **Quarterly, At Quarter End**

		Derivatives	Securities Lending Market	BIAS Money Market	BIAS Equity Market	BIAS FI Market (Including Repo)	
23.3.1	Average daily volumes submitted by Execution facility or matching/confirmation venue	BIST	4,894,149,532.00 ₺	- ₺	-	10,962,562,330.47 ₺	11,613,334,024.21 ₺
23.3.2	Notional contract values submitted by Execution facility or matching/confirmation venue	BIST	21,421,343,467.00 ₺	- ₺	-	1,235,610,234.64 ₺	22,581,350,170.00 ₺
23.3.3	Average daily volumes submitted by Execution facility or matching/confirmation venue	TAKASBANK	- ₺	44,023,597.00 ₺	- ₺	- ₺	- ₺
23.3.4	Notional contract values submitted by Execution facility or matching/confirmation venue	TAKASBANK	- ₺	44,023,597.00 ₺	- ₺	- ₺	- ₺