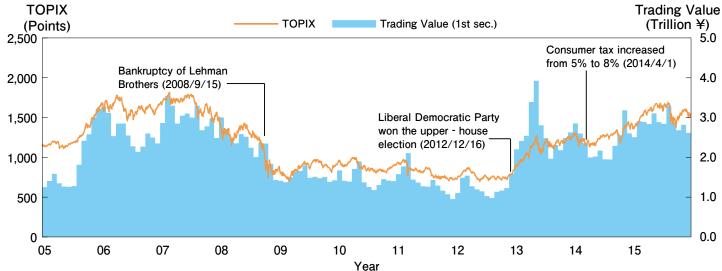


JPX Derivatives Market Highlights

January 1, 2015~December 31, 2015

Market Condition

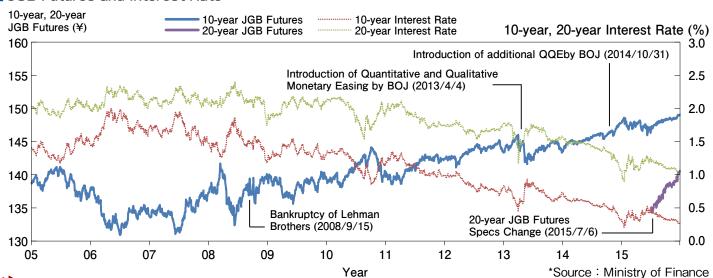




■ Trading Volume of Derivatives Market (ADV)



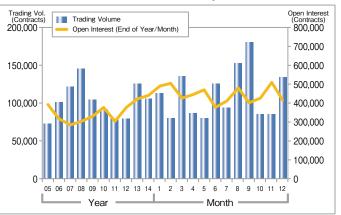
JGB Futures and Interest Rate



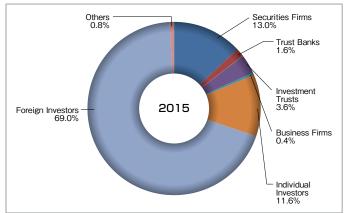


Index Futures

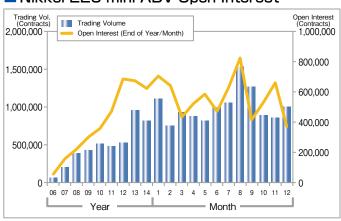
■ Nikkei 225 Futures ADV·Open Interest



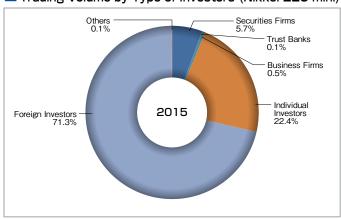
■ Trading Volume by Type of Investors (Nikkei 225 Futures)



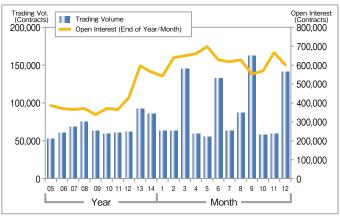
■ Nikkei 225 mini ADV·Open Interest



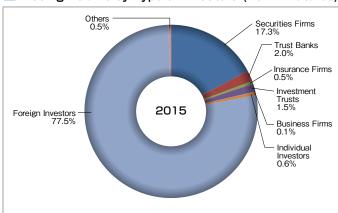
■ Trading Volume by Type of Investors (Nikkei 225 mini)



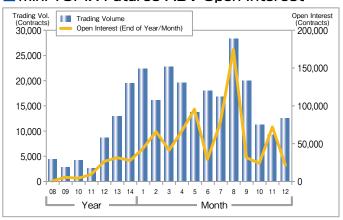
■ TOPIX Futures ADV·Open Interest



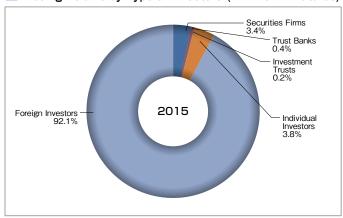
■ Trading Volume by Type of Investors (TOPIX Futures)



■ mini-TOPIX Futures ADV-Open Interest



Trading Volume by Type of Investors (mini TOPIX Futures)

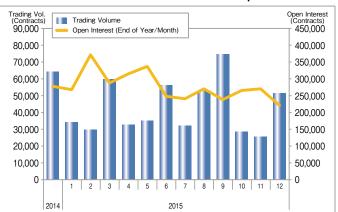




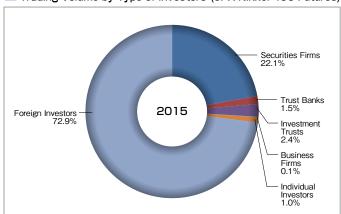
January, 2016

Index Futures

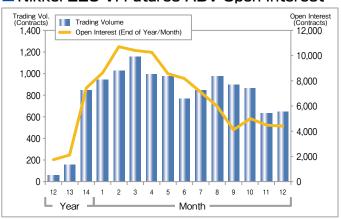
■ JPX-Nikkei 400 Futures ADV-Open Interest



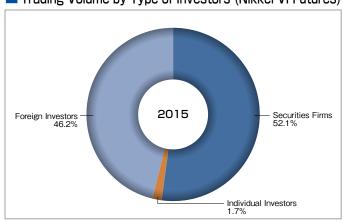
■ Trading Volume by Type of Investors (JPX-Nikkei 400 Futures)



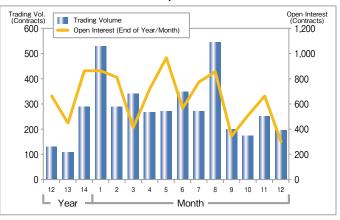
■ Nikkei 225 VI Futures ADV·Open Interest



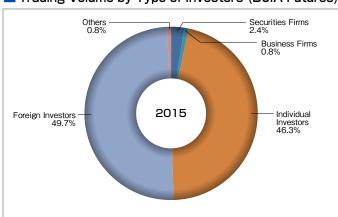
■ Trading Volume by Type of Investors (Nikkei VI Futures)



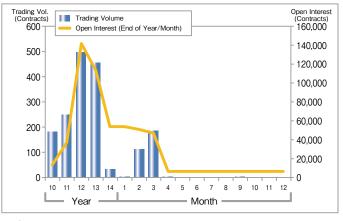
DJIA Futures ADV·Open Interest



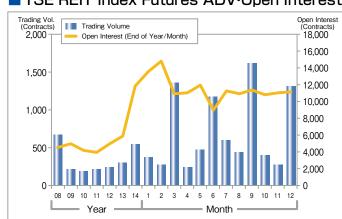
■ Trading Volume by Type of Investors (DJIA Futures)



■ Nikkei 225 Dividend Index Futures ADV·Open Interest



■ TSE REIT Index Futures ADV-Open Interest

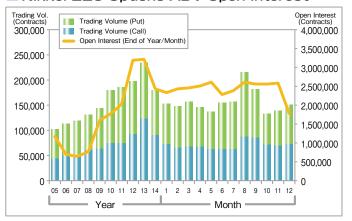




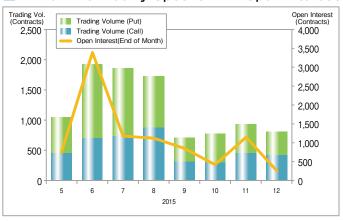
January, 2016

Index Options

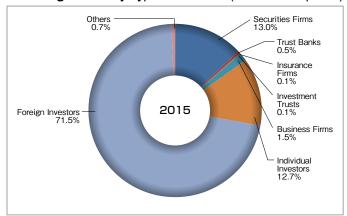
■ Nikkei 225 Options ADV·Open Interest



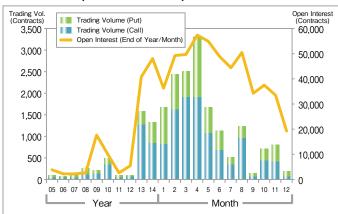
■ Nikkei 225 Weekly Options ADV Open Interest



■ Trading Volulme by Type of Investors (Nikkei 225 Options)

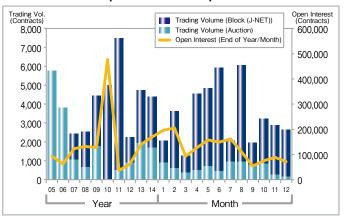


■ TOPIX Options ADV-Open Interest



Securities Options

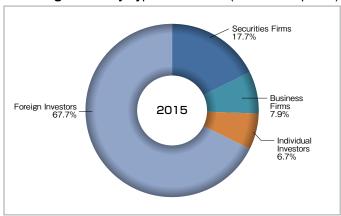
Securities Options ADV·Open Interest



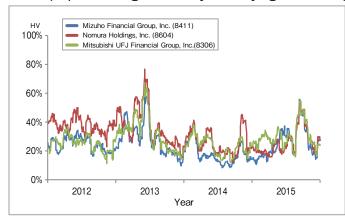
Trading Volume by Underlying Securities (2015)

Ranking	Code	Issues	Trading Volume	Share
1	8411	Mizuho Financial Group, Inc.	129,615	15.5%
2	8604	Nomura Holdings, Inc.	55,788	6.7%
3	8306	Mitsubishi UFJ Financial Group, Inc.	37,679	4.5%
4	6301	KOMATSU LTD.	36,554	4.4%
5	7267	HONDA MOTOR CO., LTD.	34,731	4.2%
6	8316	Sumitomo Mitsui Financial Group, Inc.	33,995	4.1%
7	7261	Mazda Motor Corporation	32,180	3.9%
8	2914	JAPAN TOBACCO INC.	29,471	3.5%
9	4676	FUJI MEDIA HOLDINGS, INC.	28,203	3.4%
10	8001	ITOCHU Corporation	25,228	3.0%

Trading Volulme by Type of Investors (Securities Options)



HV (Top 3 Trading Volume by Underlying Securities)

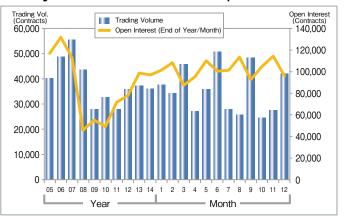




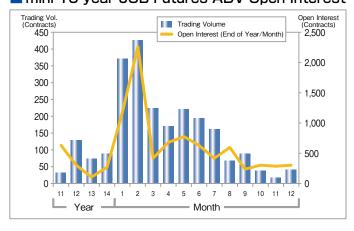
January, 2016

JGB Futures

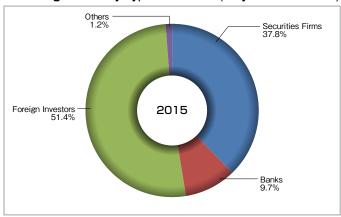
■ 10-year JGB Futures ADV-Open Interest



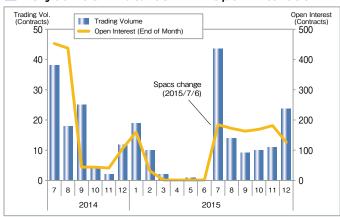
■ mini-10-year JGB Futures ADV·Open Interest



Trading Volulme by Type of Investors (10-year JGB Futures)

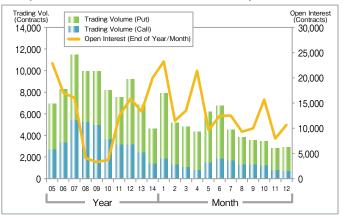


■ 20-year JGB Futures ADV·Open Interest

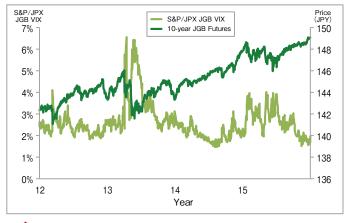


Options on JGB Futures

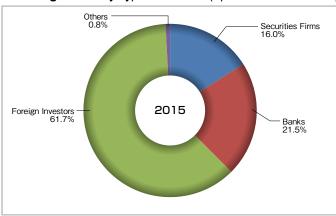
Options on JGB Futures ADV·Open Interest



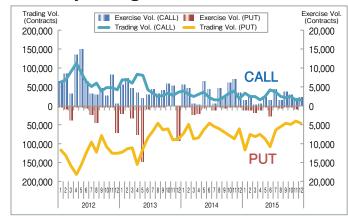
S&P/JPX JGB VIX·10-year JGB Futures



Trading Volulme by Type of Investors(Options on JGB Futures)



Monthly Trading Volume and Exercise Volume





January, 2016

Contract Specifications

Dwaduata	Trading Hours		Tick Size (point/¥)		Contract No. of		Margin per Contract (¥)	Vendor Codes			
Products	Regular	Block (J-NET)	Regular	Block (J-NET)	Size	Contract Months	(As of the end of Dec. 2015)	Bloomberg	Reuters	QUICK	
Nikkei 225 Futures			10	1	* 1,000	13	¥720,000	NKA <index></index>	0#JNI:	101.555	
Nikkei 225 mini			5	1	* 100	16	¥72,000	NOA <index></index>	0#JNM:	111.555	
TOPIX Futures			0.5	0.1	* 10,000	5	¥555,000	TPA <index></index>	0#JTI:	151.555	
mini-TOPIX Futures			0.25	0.05	* 1,000	3	¥55,500	TMIA <index></index>	0#JTM:	159.555	
JPX-Nikkei Index 400 Futures			5	1	* 100	5	¥50,500	JPWA <index></index>	0#JN4F:	105.555	
TOPIX Core30 Futures			0.5	0.1	* 1,000	3	¥28,500	TPCA <index></index>	0#JTC:	171.555	
TSE REIT Index Futures			0.5	0.1	* 1,000	3	¥70,000	TREA <index></index>	0#JRT:	155.555	
TOPIX Banks Index Futures	9:00~15:15 16:30~ 3:00	8:20~16:00 16:15~ 3:00	0.1	0.1	* 10,000	3	¥140,000	TZA <index></index>	0#JBK:	348.555	
RN Prime Index Futures			0.5	0.1	* 10,000	5	¥415,000	AZA <index></index>	0#JRN:	140.555	
Nikkei 225 Dividend Index Futures			0.1	0.1	* 1,000	8 (*1)	¥8,200	INTA <index></index>	0#JND:	112.555	
TOPIX Dividend Index Futures			0.01	0.01	* 10,000	8 (*1)	¥12,200	TDIA <index></index>	0#JTD:	178.555	
TOPIX Core30 Dividend Index Futures			0.01	0.01	* 10,000	8 (*1)	¥7,100	TCDA <index></index>	0#JRD:	179.555	
DJIA Futures			1	1	* 100	4	¥54,000	ODAA <index></index>	0#JDI:	144.555	
India Nifty50 Futures			1	1	* 100	3	¥18,400	ONYA <index></index>	0#JNF:	146.555	
Nikkei 225 VI Futures	9:00~15:15	8:20~16:00	0.05	0.01	* 10,000	8	¥58,000	JVIA <index></index>	0#JNV:	145.555	
5-year JGB Futures			0.01	0.01	* 1,000,000	3	¥130,000	JJA <cmdty></cmdty>	0#JMB:	604.555	
10-year JGB Futures	8:45~11:02	8:20~15:15	0.01	0.01	* 1,000,000	3	¥300,000	JBA <cmdty></cmdty>	0#JGB:	601.555	
mini-10-year JGB Futures	12:30~15:02 15:30~ 3:00	15:25~ 3:00	0.005	0.005	* 100,000	3	¥30,000	MJBA <cmdty></cmdty>	0#JGM:	611.555	
20-year JGB Futures			0.01	0.01	* 1,000,000	3	¥1,390,000	JJAA <cmdty></cmdty>	0#JTB:	602.555	
(*1) 9 contract months between	on lon to Mor				1			1			

^{(*1) 9} contract months between Jan. to Mar.

Products		Trading	Hours	Tick Size (point/¥)		Contract	No. of	Minimum No. of	Vendor Codes			
Prod	Products		Block (J-NET)	Regular	Regular Block (J-NET)		Contract Months	Exercise Prices	Bloomberg	Reuters	QUICK	
	Regular Options						19	33 (ATM±16)	NKY <index> OMON</index>	0#JNI*.OS	OP2@	
Nikkei 225 Options	Weekly Options	9:00~15:15 16:30~ 3:00			1	* 1,000	Nearest 4 weekly contracts (except for the 2nd Friday)	17 (ATM±8)	Week1 WNKYA <index> Week3 WNKYC <index> Week4 WNKYD <index> Week5 WNKYE <index></index></index></index></index>	Week3 0# JNI3W*.OS Week4 0# JNI4W*.OS Week5	OPW@	
TOPIX Options				<depending on="" option="" price="" the=""> 20pts or less: 0.1 above 20pts: 0.5</depending>	0.1	* 10,000	8	<depending on="" the<br="">remaining trading period> 4 months or less : 19 (ATM±9) more than 4 months : 13 (ATM±6)</depending>	TPX <index> OMON</index>	0#JTI*.OS	OPT@	
Securities Options		9:00~11:35 12:30~15:15	8:20~16:00	depending on the option price	<depending of="" on="" the="" trading="" underlying="" unit=""> even number: 0.1 odd number :1</depending>	* minimum trading unit of the underlying	it 4 5 (ATM±2)		(security code) <equity>OMON</equity>	0#(security code)*.OS	KO@15	
Options on JGB Futures		8:45~11:02 12:30~15:02 15:30~ 3:00	8:20~15:15 15:25~ 3:00	0.01	0.01	* 1,000,000	3~4	21 (ATM±10)	JBA <cmdty> OMON</cmdty>	0#JGB+	GB@	



6 January, 2016

Trading Fees (as of January, 2016)

Products Ex		E	xchange Trading Fees (Rate)	(Reference) Clearing Fees of JSCC				
Nikkei 225 Futures		Post to Toda	Volume Discount Available (*1) (Contract) (Prop) (Customer) 0 - 10,000 :¥ 70 ¥110	Regular Trade	¥ 20 per contract			
NIKKEI 22	5 Futures	Regular Trade	more than 10,000 - 50,000 : ¥ 35 ¥ 70 more than 50,000 - 100,000 : ¥ 20 ¥ 40 more than 100,000 - 150,000 : ¥ 15 ¥ 25 more than 150,000 - : ¥ 10 ¥ 25	SQ Settlement	¥130 per contract			
Nikkei 2	25 mini	Regular Trade	Volume Discount Available (*1) (Contract) (Prop) (Customer) 0 - 100,000 : ¥ 7 ¥11	Regular Trade	¥ 2 per contract			
WIRRE! Z	23 111111	Hegulai Hade	more than 100,000 - 500,000 : ¥ 6 ¥ 8 more than 500,000 -1,000,000 : ¥ 4 ¥ 6 more than 1,000,000 - : ¥ 3 ¥ 4	SQ Settlement	¥ 13 per contract			
TOPIX I	Futures	Regular Trade	Volume Discount Available (*1) (Contract) 0 - 100,000 :¥ 55	Regular Trade	¥ 20 per contract			
TOFIX	utures	negulai Traue	more than 100,000 - 300,000 :¥ 35 more than 300,000 - :¥ 20	SQ Settlement	¥ 57 per contract			
mini-TOPI		B I. T. I.	V7	Regular Trade	¥ 2 per contract			
TOPIX Core		Regular Trade	¥7 per contract	SQ Settlement	¥ 6 per contract			
JPX-Nikkei	Index 400	B I. T. I.	V7	Regular Trade	¥ 2 per contract			
Futu		Regular Trade	¥7 per contract	SQ Settlement	¥ 13 per contract			
TOPIX Ba	nks Index			Regular Trade	¥ 20 per contract			
Futu		Regular Trade	¥55 per contract	SQ Settlement	¥ 57 per contract			
Nikkei 225 Di Futu TOPIX Divid	ires dend Index	Regular Trade	¥7 per contract (currently discounted from ¥40)	Regular Trade	¥ 10 per contract			
Futu TOPIX Core Index F	30 Dividend	riogalai Trade	17 per contract (currently discounted from 140)	SQ Settlement	¥ 30 per contract			
Niidai 005	\/I = -t	Danielas Trada	V00	Regular Trade	¥ 20 per contract			
Nikkei 225	vi Futures	Regular Trade	¥80 per contract	SQ Settlement	¥100 per contract			
DJIA F	utures	Dogulor Trada	V40 now contract	Regular Trade	¥ 5 per contract			
India Nifty	50 Futures	Regular Trade	¥40 per contract	SQ Settlement	¥ 45 per contract			
DN Drima In	day Futuras	Dogulor Trodo	V20 per contract	Regular Trade	¥ 16 per contract			
RN Prime In	dex Futures	Regular Trade	¥29 per contract	SQ Settlement	¥ 45 per contract			
		Regular Trade	¥95 per contract	Regular Trade				
5-year JG	JGB Futures JGB Futures of Options on JGB Futures Futures		¥82 per contract	Trade by Exercise of Options on JGB Futures	¥ 49 per contract			
		Physical delivery	¥10 per contract	Physical delivery	¥132 per contract			
				Regular Trade	¥ 5 per contract			
mini-10-year	JGB Futures	Regular Trade	¥20 per contract	Final settlement	¥ 15 per contract			
	Regular	Pogular Trada	Volume Discount Available (*1) (*2) (premium) 0 - ¥ 10 bil. : 5.0 bp	Regular Trade	0.5 bp per Trading Value (*2)			
Nikkei 225 Options	Options	Regular Trade	more than ¥ 10 bil ¥ 25 bil. : 3.5 bp more than ¥ 25 bil ¥ 35 bil. : 2.5 bp more than ¥ 35 bil : 1.5 bp	Exercise	5.5 bp per amount to transfer by exercise (*2)			
	Weekly	Regular Trade	¥40 per contract	Regular Trade	¥ 10 per contract			
Options negular Trade		Hegulai Haue	1-to per contract	Exercise	¥130 per contract			
TOPIX Options		Regular Trade	¥40 per contract	Regular Trade	¥ 10 per contract			
TOFIX		Tiegulai Haue	1-to per contract	Exercise	¥ 10 per contract			
Securities	Ontions	Regular Trade	¥10 per contract	Regular Trade	¥ 10 per contract			
Securities	- Opuons	negulai i faue	¥10 per contract	Exercise (*3)	¥ 10 per contract			
Ontions	ICP Futures	Pomiler Title	¥40 per contract	Regular Trade	¥ 10 per contract			
Options on J	IGD FUTURES	Regular Trade	¥40 per contract	Exercise	¥ 10 per contract			

^(*1) Fee rate calculated by the table using monthly average trading volume of 3 months from 4 months prior until 2 months prior

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January, 2016

^(*2) The maximum fee is ¥ 350 per trading unit. The maximum clearing fees are ¥ 35 (Regular Trade) per trading unit and ¥ 385 (Exercise) per trading unit.

^(*3) Clearing fees for cash trading (trading value of cash trading by exercise \times 0.04 bp) will be required additionally.

⁽Note) Give-up fees (¥ 5 per contract) will be required for Clearing Broker. (¥ 1 for Nikkei 225 mini, mini TOPIX Futures, JPX-Nikkei Index 400 Futures, TOPIX Core30 Futures, TSE REIT Index Futures, Dividend Index Futures, mini-10-year JGB Futures)

Trading Data (2015)

		Products	Trading Volume	Change	Trading Value	Exercise Volume	Open Interest
		Nikkei 225 Futures	27,678,234	+6.8%	527,716,721	_	416,961
		Nikkei 225 mini	247,159,359	+24.1%	472,271,571	_	370,373
		TOPIX Futures	22,303,956	+6.8%	345,213,699	_	602,235
		mini-TOPIX Futures	4,314,181	-9.0%	6,646,530	_	22,097
		JPX-Nikkei 400 Futures	10,474,332	+552.1%	14,627,916	_	220,725
	Futures	TOPIX Core30 Futures	4,772	+22.5%	3,698	_	658
	rutures	TSE REIT Index Futures	175,450	+32.4%	305,914	_	11,093
Equity		TOPIX Banks Index Futures	22,604	-21.2%	47,621	_	142
Lquity		Nikkei 225 Dividend Index Futures	6,272	-20.0%	1,645	_	6,570
		Nikkei 225 VI Futures	218,280	+5.7%	49,564	_	4,409
		DJIA Futures	74,958	+6.8%	131,193	_	297
		India Nifty50 Futures	3,950	+232.5%	3,232	_	15
		Nikkei 225 Options	37,995,318	-13.6%	6,715,980	1,480,811	1,778,446
	Options	Weekly Options	188,422	_	8,824	8,565	248
	Ориона	TOPIX Options	329,529	+2.9%	74,031	100,252	19,145
		Securities Options	834,886	-21.4%	6,194	227,844	69,594
		10-year JGB Futures	8,677,576	-1.3%	1,281,904,551	_	95,509
Bond	Futures	mini-10-year JGB Futures	40,562	+91.6%	598,456	_	297
Donu		20-year JGB Futures	2,978	-40.9%	453,399	_	127
	Options	Options on JGB Futures	1,142,738	+0.8%	143,991	34,748	10,664

(Contracts, million ¥)

Trading Records

N	TOPIX Futures				10-year JGB Futures							
	2015		Historical		2015		Historical		2015		Historical	
	$(Contracts, {\sf Y})$	(Date)	(Contracts, \forall)	(Date)	(Contracts, Points)	(Date)	(Contracts, Points)	(Date)	(Contracts, Y)	(Date)	(Contracts, Y)	(Date)
Highest Daily Trading Volume	507,850	(15/08/25)	739,909	(99/12/07)	721,492	(15/06/09)	747,937	(13/06/11)	152,862	(15/06/09)	211,110	(07/06/07)
Lowest Daily Trading Volume	28,515	(15/12/28)	0	(94/01/31)	23,730	(15/12/25)	0	(94/01/31)	9,613	(15/12/25)	0 ((85/10/25)
Highest Open Interest	622,677	(15/12/10)	684,617	(08/03/14)	816,960	(15/06/10)	816,960	(15/06/10)	118,032	(15/12/01)	310,415	(00/02/08)
Lowest Open Interest	375,333	(15/06/12)	10,450	(88/09/09)	534,990	(15/09/25)	11,183	(88/12/08)	83,646	(15/03/17)	14,585	(85/12/12)
Highest Price	20,950	(15/06/24)	39,820	(89/12/27)	1,703.5	(15/08/11)	2,956.0	(89/12/18)	149.18	(15/12/18)	149.18	(15/12/18)
Lowest Price	16,530	(15/01/15)	6,830	(08/10/28)	1,331.0	(15/01/07)	687.0	(09/03/13)	145.72	(15/06/11)	87.08	(90/09/27)

Latest News

Feb.	2015:	Introduced	market	maker	scheme	for	the	night	sess	ion	of J	JPX-
		Nikkei 400								_		

Mar. 2015: Improved the calculation method of the settlement price of 20-year JGB Futures.

May 2015: Launched weekly options on Nikkei 225. Launched trading fee discount campaign.

Jul. 2015 : Revised the contract specs of 20-year JGB Futures (coupon rate,

deliverable grade, tick size). Started the publication of S&P/JPX JGB VIX Index. Oct. 2015:

Dec. 2015: JPX-Nikkei Index 400 Futures and TOPIX Options approved as tradable contracts for Taiwanese investors by SFB of Taiwan.

Jan. 2016 : Revised market maker scheme and extended trading fee discount campaign for weekly options on Nikkei 225

Jul. 2016 Jul. 2016 Introduce next-generation derivatives trading system. (19th)

Trading hours extention (e.g. closing time of night session will be changed from 3:00 a.m. to 5:30 a.m.). (19th)
New products (TSE Mothers Futures, JPX-Nikkei 400 Options, FTSE China 50 Index Futures, TAIEX Futures). (19th)

Contact: JPX (Japan Exchange Group)

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