Board of Governors of the Federal Reserve System



Report Forms for the Central Bank Survey of Foreign Exchange and Derivatives Market Activity—FR 3036

Turnover Survey as of April 2022

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Table A1—Foreign Exchange Contracts¹

											US	D agai	nst										
U.S. Dollar Amounts in Millions	ALID	BRI	CAD	CHE	CNY	FUR	GBP	HKD	INR	JPY				NZD	PIN	RUB	SEK	SGD	TRY	TWD	7AR	Other ²	Total
NSTRUMENTS	7.00	DIVE	OND	0111	10111	LOIL	OD!	TIND	11411	01 1	14144	IVIZAL	ITOIT	1120		INOB	OLIV	000	1111	100	2/111	Othor	Total
SPOT ³																							
. With reporting dealers				1	1																	1	1
a. Local					1																		
b. Cross-border.					-																	-	
With other financial institutions																							
					-																	-	
a. Local					+																	+	
b. Cross-border					-																		
c. Non-reporting banks					-																	-	
d. Institutional investors					-																	-	
e. Hedge funds and proprietary trading firms																						-	
f. Official sector financial institutions					-																	-	
g. Others					-																	-	
h. Undistributed																							
8. With nonfinancial customers																							
a. Local					1																	-	
b. Cross-border																						-	
otal Spot																							
. o/w prime brokered																							
!. o/w retail-driven																							
OUTRIGHT FORWARDS ⁴																							
. With reporting dealers																							
a. Local																							
b. Cross-border																							
!. With other financial institutions																							
a. Local																							
b. Cross-border																							
c. Non-reporting banks																							
d. Institutional investors																							
e. Hedge funds and proprietary trading firms																							
f. Official sector financial institutions																							
g. Others																							
h. Undistributed																							
8. With nonfinancial customers																							
a. Local																							
b. Cross-border																							
otal Outright Forwards																							
. o/w prime brokered																							
. o/w retail-driven																							
s. o/w non-deliverable forwards ⁵																							
MATURITIES OUTRIGHT FORWARDS						1																	
One day																						1	
. Over one day and up to seven days					1																	†	
B. Over seven days and up to one month					†																	<u> </u>	
Over one month and up to three months					<u> </u>																	†	
5. Over three months and up to six months					1																		
5. Over six months					1																	+	

^{1.} All transactions involving exposure to more than one currency, whether in interest rates or exchange rates.
2. "Other" covers currencies that are included in the Triennial but not explicitly listed in each column of this table. See also table A4 for a more detailed breakdown of total turnover in "other" currencies.
3. Excluding "tomorrow/next day" transactions.
4. Including non-deliverable forwards and other contracts-for-differences.
5. Data should be provided for the "total" column.

Table A1—Foreign Exchange Contracts¹—Continued

												D :											
				1			1 1					D agai											
U.S. Dollar Amounts in Millions	AUD	BRL	CAD	CHF	CNY	EUR	GBP	HKD	INR	JPY	KRW	MXN	NOK	NZD	PLN	RUB	SEK	SGD	TRY	TWD	ZAR	Other ²	Total
INSTRUMENTS																							
FOREIGN EXCHANGE SWAPS ³																							
1. With reporting dealers																							
a. Local																							
b. Cross-border																							
2. With other financial institutions																							
a. Local																							
b. Cross-border																							
c. Non-reporting banks																							
d. Institutional investors																							
e. Hedge funds and proprietary trading firms																							
f. Official sector financial institutions																							
g. Othersh. Undistributed																							
h. Undistributed																							
B. With nonfinancial customers																							
a. Local																							
b. Cross-border																							
Total Foreign Exchange Swaps																							
1. o/w prime brokered																							
2. o/w retail-driven																							
MATURITIES FOREIGN EXCHANGE SWAPS																•							
1. One day																							
2. Over one day and up to seven days																							
B. Over seven days and up to one month																							
4. Over one month and up to three months																							
5. Over three months and up to six months																							
6. Over six months																							

^{1.} All transactions involving exposure to more than one currency, whether in interest rates or exchange rates.
2. "Other" covers currencies that are included in the Triennial but not explicitly listed in each column of this table. See also table A4 for a more detailed breakdown of total turnover in "other" currencies.
3. Currency pairs as well as for the "other" and "total" column.

Table A2—Foreign Exchange Contracts¹

								against										JPY a						Grand
U.S. Dollar Amounts in Millions	AUD	CAD	CHF	CNY	DKK	GBP	HUF	JPY	NOK	PLN	SEK	TRY	Other ²	Total	AUD	BRL	CAD	NZD	TRY	ZAR	Other ²	Total	dual ³	Total ^e
NSTRUMENTS					•			•	•	•	•	•	•	•				•					•	
SPOT ⁵	i i																							
. With reporting dealers																			í					
a. Local																			[1			
b. Cross-border																								
2. With other financial institutions																								
a. Local																				1				
b. Cross-border																								
c. Non-reporting banks																								
d. Institutional investors																				†				<u> </u>
e. Hedge funds and proprietary trading firms																			$\overline{}$	†	+ +			<u> </u>
f. Official sector financial institutions																			$\overline{}$	+	+ +			
g. Others																				 	+			\vdash
h. Undistributed																				+	+			\vdash
																				+	+			
With nonfinancial customers a. Local	-																		$\overline{}$	+-	+			\vdash
																				+	+			
b. Cross-border																					+			
Total Spot		-																			++			
. o/w prime brokered																								
2. o/w retail-driven																					\perp			
3. o/w back-to-back trades																								
OUTRIGHT FORWARDS ⁶				1	1		1			1		1												
. With reporting dealers																				<u> </u>				<u> </u>
a. Local																			—		\perp			
b. Cross-border																			<u> </u>					
2. With other financial institutions																								
a. Local																			1					
b. Cross-border																			Ī					
c. Non-reporting banks																			[
d. Institutional investors																					1			
e. Hedge funds and proprietary trading firms																								
f. Official sector financial institutions																								
g. Others																								
h. Undistributed																								
B. With nonfinancial customers																			$\overline{}$	†				
a. Local																			$\overline{}$	†	1			1
b. Cross-border																				\vdash	+			\vdash
Fotal Outright Forwards																			$\overline{}$	+-	+			\vdash
o/w prime brokered																			$\overline{}$	+	+			\vdash
																				+	++			
2. o/w retail-driven																					+			
3. o/w non-deliverable forwards ⁷																					+			—
o/w back-to-back trades																			<u> </u>	4	+			ـــــ
5. o/w compression trades																			<u> </u>	<u> </u>	\perp			
MATURITIES OUTRIGHT FORWARDS																								
. One day	L																			<u> </u>				<u> </u>
2. Over one day and up to seven days						ļ															\perp			Щ
B. Over seven days and up to one month																			—		\bot			ـــــــ
I. Over one month and up to three months																								
5. Over three months and up to six months																			1	1	4			

^{1.} All transactions involving exposure to more than one currency, whether in interest rates or exchange rates.

^{2. &}quot;Other" covers currencies that are included in the Triennial but not explicitly listed in each column of this table. See also table A3 for a more detailed breakdown of total turnover in "other" currencies.

^{3. &}quot;Residual" covers all currency pairs except those involving the domestic currency, the USD, the EUR, and the JPY.

^{4.} Covers the sum of the totals in tables A1, A2, and the column "Residual".

^{5.} Excluding "tomorrow/next day" transactions.

^{6.} Including non-deliverable forwards and other contracts-for-differences.

^{7.} Data should only be provided for the "total" columns.

Table A2—Foreign Exchange Contracts¹—Continued

							gainst										JPY a				1 -		Grand
U.S. Dollar Amounts in Millions	AUD	CAD CHF	CNY	DKK	GBP	HUF	JPY	NOK	PLN	SEK	TRY	Other ²	Total	AUD	BRL	CAD	NZD	TRY	ZAR	Other ² T	otal	dual ³	Total4
NSTRUMENTS																							
FOREIGN EXCHANGE SWAPS ⁵																							
. With reporting dealers																							
a. Local																							
b. Cross-border																							
2. With other financial institutions																							
a. Local																							
b. Cross-border																							
c. Non-reporting banks																							
d. Institutional investors																							
e. Hedge funds and proprietary trading firms																							
f. Official sector financial institutions																							
g. Others																							
h. Undistributed																							
B. With nonfinancial customers																							
a. Local																							
b. Cross-border																							
Total Foreign Exchange Swaps																							
o/w prime brokered																							
o/w prime brokered																							
B. o/w back-to-back trades																							
l. o/w compression trades																							
MATURITIES FOREIGN EXCHANGE SWAPS			_	1		· · · · · ·					· · · · · ·	1						1	1				
. One day																							
2. Over one day and up to seven days												†											
B. Over seven days and up to seven days																							
Over one month and up to three months																							
5. Over three months and up to six months												_											
6. Over six months												+							<u> </u>				

^{1.} All transactions involving exposure to more than one currency, whether in interest rates or exchange rates.

^{2. &}quot;Other" covers currencies that are included in the Triennial but not explicitly listed in each column of this table. See also table A3 for a more detailed breakdown of total turnover in "other" currencies.

^{3. &}quot;Residual" covers all currency pairs except those involving the domestic currency, the USD, the EUR, and the JPY.

^{4.} Covers the sum of the totals in tables A1, A2, and the column "Residual".

^{5.} A swap is considered to be a single transaction in that the two legs are not counted separately.

Table A3—Foreign Exchange Contracts¹

																				ther currenc														
U.S. Dollar Amounts in Millions	ARS	AUD	BGN BF	HD BRI	CAD	CHF	CLP CN	IY CO	OP CZ	K DKK	GBP	HKD	HUF	IDR I	LS I	NR I	KRW L	TL LV	VL N	MXN MYR	NOK	NZD	PEN	PHP	PLN	RON	RUB	SAR	SEK S	GD TH	B TRY	TWD	ZAR Oth	her
ISTRUMENTS														-				-																
POT ³																																		
With reporting dealers																																		
a. Local																																		
b. Cross-border																																		
With other financial institutions																																		
a. Local																																		
b. Cross-border																																		
c. Non-reporting banks																																		
d. Institutional investors																																		
e. Hedge funds and proprietary trading firms																																		
f. Official sector financial institutions																																		
g. Others																																		
h. Undistributed																																		_
With nonfinancial customers																																		
a. Local																																		
b. Cross-border																																		
otal Spot																																		
o/w prime brokered																																		
o/w retail-driven																																		
UTRIGHT FORWARDS⁴			•		•			•	•		•	•		•	•		•	•				•				•	•	•	•	•	•	•	•	П
With reporting dealers																																		
a. Local																																		
b. Cross-border																																		
. With other financial institutions																																		
a. Local																																		
b. Cross-border																																		
c. Non-reporting banks																																		
d. Institutional investors																																		
e. Hedge funds and proprietary trading firms																																		
f. Official sector financial institutions																																		
g. Others																																		
h. Undistributed																																		
. With nonfinancial customers																																		
a. Local																																		
b. Cross-border																																		
otal Outright Forwards																																		
o/w prime brokered																																		
o/w retail-driven																																		
o/w non-deliverable forwards ⁵																																		П
ATURITIES OUTRIGHT FORWARDS																																		
One day																																		
. Over one day and up to seven days																																		
. Over seven days and up to one month																																		
. Over one month and up to three months																																		_
. Over three months and up to six months																																		
6. Over six months												T															ľ							

^{1.} All transactions involving exposure to more than one currency, whether in interest rates or exchange rates.

^{2.} Only transactions which are included in the columns "other" in table A1, A2, and "residual" in table A2. Trades involving the domestic currency, the USD, the EUR or the JPY in one leg, and any of the currencies listed in this table in the other leg, should be allocated to the relevant currency column in this table once; these deals should correspond to the ones reported in columns "other" of tables A1 and A2. Trades between any two currencies listed in this table should be reported in both relevant currency columns, thus summing to 200% of the deal; these trades should correspond to the ones reported in column "residual" in table A2. Currencies subject to compulsory reporting have been marked in blue.

^{3.} Excluding "tomorrow/next day" transactions.

^{4.} Including non-deliverable forwards and other contracts-for-differences.

^{5.} Data should only be provided for the "total" column.

Table A3—Foreign Exchange Contracts¹—Continued

													Tot	al turno	over in I	isted curre	ncies ac	nainst a	Il other o	currencie	s ²										
U.S. Dollar Amounts in Millions	ARS	AUD B	GN BI	HD BR	L CA	AD CHF	CLP	CNY	СОР	CZK	DKK GB	P HKC	HUF	IDR	ILS	INR KR	N LTL	LVL	MXN	MYR 1	NOK NZ	ZD PE	N PHP	PLN	RON R	UB SA	AR SEI	(SGD	THB TF	RY TWD	ZAR Other
NSTRUMENTS			'	'	'	•		'				'			•			_	•				•	_		•	•				
FOREIGN EXCHANGE SWAPS ³																															
1. With reporting dealers																															
a. Local																															
b. Cross-border																															
2. With other financial institutions																															
a. Local																															
b. Cross-border																															
c. Non-reporting banks																															
d. Institutional investors																															
e. Hedge funds and proprietary trading firms																															
f. Official sector financial institutions																															
g. Others																															
h. Undistributed																															
3. With nonfinancial customers																															
a. Local																															
b. Cross-border																															
Total Foreign Exchange Swaps																															
1. o/w prime brokered																															
2. o/w retail-driven																															
MATURITIES FOREIGN EXCHANGE SWAPS										1	'					•	1	1	1							<u> </u>					
. One day																															
2. Over one day and up to seven days																															
3. Over seven days and up to one year																															
4. Over one year							+	1						1																	

^{1.} All transactions involving exposure to more than one currency, whether in interest rates or exchange rates.

^{2.} Only transactions which are included in the columns "other" in tables A1, A2, and "residual" in table A2. Trades involving the domestic currency, the USD, the EUR or the JPY in one leg, and any of the currencies listed in this table in the other leg, should be allocated to the relevant currency column in this table once; these deals should correspond to the ones reported in columns "other" of tables A1 and A2. Trades between any two currencies listed in this table should be reported in both relevant currency columns, thus summing to 200% of the deal; these trades should correspond to the ones reported in column "residual" in table A2. Currencies subject to compulsory reporting have been marked in blue.

^{3.} A swap is considered to be a single transaction in that the two legs are not counted separately. Includes "tomorrow/next day" transactions.

Table A4—Foreign Exchange Contracts¹

											US	D agai	inst										
U.S. Dollar Amounts in Millions	AUD	BRL	CAD	CHF	CNY	EUR	GBP	HKD	INR	JPY				NZD	PLN	RUB	SEK	SGD	TRY	TWD	ZAR	Other ²	Total
NSTRUMENTS			l																1				
CURRENCY SWAPS ³																							
I. With reporting dealers																							
a. Local																							
b. Cross-border																							
2. With other financial institutions																							
a. Local																							
b. Cross-border																							
c. Non-reporting banks																							
d. Institutional investors																							
e. Hedge funds and proprietary trading firms																							
f. Official sector financial institutions																							
g. Others																							
h. Undistributed																							
8. With nonfinancial customers																							
a. Local																							
b. Cross-border																							
otal Currency Swaps																							
o/w prime brokered																							
o/w retail-driven																							
OTC OPTIONS (sum of bought and sold)4			· · · · · ·	'									'						,	- '		,	
. With reporting dealers																							
a. Local																							
b. Cross-border																							
. With other financial institutions																							
a. Local																							
b. Cross-border																							
c. Non-reporting banks																							
d. Institutional investors																							
e. Hedge funds and proprietary trading firms																							
f. Official sector financial institutions																							
g. Others																							
h. Undistributed																							
. With nonfinancial customers																							
a. Local																							
b. Cross-border.																							
OTAL OTC OPTIONS																							
o/w prime brokered																							
o/w retail-driven																							
OTAL FX CONTRACTS																							
. o/w prime brokered																							
. o/w retail-driven							1																

All transactions involving exposure to more than one currency, whether in interest rates or exchange rates.
 "Other" covers currencies that are included in the Triennial but not explicitly listed in each column of this table. See also table A3 for a more detailed breakdown of total turnover in "other" currencies.

^{3.} A swap is considered to be a single transaction in that the two legs are not counted separately.

^{4.} Including currency warrants and multicurrency swaptions.

Table A5—Foreign Exchange Contracts¹

							EUR a											JPY a					1	Grand
U.S. Dollar Amounts in Millions	AUD	CAD	CHF	CNY	DKK	GBP	HUF	JPY	NOK	PLN	SEK	TRY	Other ²	Total	AUD	BRL	CAD	NZD	TRY	ZAR	Other ²	Total	dual ³	Total⁴
NSTRUMENTS				•																	<u> </u>			
CURRENCY SWAPS ⁵																								
. With reporting dealers																								
a. Local																								
b. Cross-border																								
. With other financial institutions																								
a. Local																								
b. Cross-border																								
c. Non-reporting banks																								
d. Institutional investors																								
e. Hedge funds and proprietary trading firms																								
f. Official sector financial institutions																								
g. Others																								
h. Undistributed																								
8. With nonfinancial customers																								
a. Local																								
b. Cross-border																								
otal Currency Swaps																								
. o/w prime brokered																								
. o/w retail-driven																								
. o/w back -to-back trades																								
o/w compression trades																								
OTC OPTIONS (sum of bought and sold) ⁶																				_				
. With Reporting Dealers																								
a. Local																								
b. Cross-border																								
. With other financial institutions																								
a. Local																								
b. Cross-border																				—				<u> </u>
c. Non-reporting banks																				†				—
d. Institutional investors																				†				
e. Hedge funds and proprietary trading firms																								<u> </u>
f. Official sector financial institutions																				 				
g. Others																				<u> </u>				—
h. Undistributed																				 				
B. With nonfinancial customers																				 				
a. Local																								
b. Cross-border.																				\vdash				
OTAL OTC OPTIONS																				\vdash				\vdash
. o/w prime brokered																				\vdash				
. o/w retail-driven																				\vdash				
s. o/w back-to-back trades																								
. o/w compression trades																				\vdash				
OTHER PRODUCTS ⁷			l	L		L		l						l							l			
o/w back-to-back trades																								<u> </u>
. o/w compression trades																								\vdash
•																				_				
OTAL FX CONTRACTS						-														+				-
. o/w prime brokered						-		-												+-				
2. o/w retail-driven																				_				<u> </u>
s. o/w related party trades ⁸																								-
o/w back-to-back trades																								

^{1.} All transactions involving exposure to more than one currency, whether in interest rates or exchange rates.

^{2. &}quot;Other"covers currencies that are included in the Triennial but not explicitly listed in each column of this table. See also table A6 for a more detailed breakdown of total turnover in "other" currencies.

^{3. &}quot;Residual" covers all currency pairs except those involving the domestic currency, the USD, the EUR, and the JPY.

^{4.} Covers the sum of the totals in tables A4, A5 and the column "Residual".

^{5.} A swap is considered to be a single transaction in that the two legs are not counted separately. Includes "tomorrow/next day" transactions.

^{6.} Including currency warrants and multicurrency swaptions.

^{7.} Any instrument where the transaction is highly leveraged and/or the notional amount is variable and where a decomposition into individual plain vanilla components is impractical or impossible.

^{8.} Trades between desks and offices, and trades with own branches and subsidiaries and between affiliated firms (regardless of whether the counterparty is resident in the same country as the reporting dealer or in another country). Back-to-back deals and trades to facilitate internal bookkeeping and internal risk management within a given institution are not to be reported in the context of the triennial survey.

Table A6—Foreign Exchange Contracts¹

		<u> </u>						Total	turnover in I	isted co	urrencies a	gainst al	I other currenci	es ²					<u> </u>			
U.S. Dollar Amounts in Millio	ns ARS AUC	BGN BHD BRL	CAD CHF C	LP CNY	COP CZK	DKK	GBP HKD	HUF	IDR ILS	INR	KRW LT	LVL	MXN MYR	NOK NZ	D PEN P	HP PLN	RON RUB	SAR SE	K SGD	THB T	RY TWD 2	ZAR Othe
NSTRUMENTS																						
CURRENCY SWAPS ³																						
1. With reporting dealers																						
a. Local																						
b. Cross-border																						
2. With other financial institutions																						
a. Local																						$\overline{}$
b. Cross-border																						$\overline{}$
c. Non-reporting banks																						
d. Institutional investors																						
e. Hedge funds and proprietary trading firms																						$\overline{}$
f. Official sector financial institutions																						-+-
g. Others																						
h. Undistributed																						-
																					- - 	$\overline{}$
3. With nonfinancial customers																						
a. Local																						
b. Cross-border																						-+-
Total Currency Swaps																						
1. o/w prime brokered								-														
2. o/w retail-driven						\perp		\perp											\perp			
OTC OPTIONS (sum of bought and sold) ⁴																						-
1. With reporting dealers																						
a. Local																						\longrightarrow
b. Cross-border																						\longrightarrow
2. With other financial institutions																						
a. Local																						
b. Cross-border																						
c. Non-reporting banks																						
d. Institutional investors																						
e. Hedge funds and proprietary trading firms																						
f. Official sector financial institutions																						
g. Others																						
h. Undistributed																						
With nonfinancial customers																						
a. Local																						
b. Cross-border																						
TOTAL OTC OPTIONS																						
1. o/w prime brokered																						
2. o/w retail-driven																						
TOTAL FX CONTRACTS																						
1. o/w prime brokered																						
2. o/w retail-driven													1 1									

^{1.} All transactions involving exposure to more than one currency, whether in interest rates or exchange rates.

^{2.} Only transactions which are included in the columns "other" in tables A4, A5, and "residual" in table A5. Trades involving the domestic currency, the USD, the EUR or the JPY in one leg, and any of the currencies listed in this table in the other leg, should be allocated to the relevant currency column in this table once; these deals should correspond to the ones reported in columns "other" of tables A4 and A5. Trades between any two currencies listed in this table should be reported in both relevant currency columns, thus summing to 200% of the deal; these trades should correspond to the ones reported in column "residual" in table A5. Currencies subject to compulsory reporting have been marked in blue.

^{3.} A swap is considered to be a single transaction in that the two legs are not counted separately.

^{4.} Including currency warrants and multicurrency swaptions.

Table A7—Settlement of Foreign Exchange Transactions

	All C	ounterparties	Repo	orting Dealers		er Financial estitutions		on-financial Customers	
		o/w CLS		o/w CLS		o/w CLS		o/w CLS	
U.S. Dollar Amounts in Millions	Total	Eligible Pairs	Total	Eligible Pairs	Total	Eligible Pairs	Total	Eligible Pairs	1
1. Total turnover (grand total in Table A5) ¹									1.
a. Turnover to be settled with a single payment (i.e., non-deliverable) ²									1.a.
b. Turnover to be settled with two payments (i.e., spot and forwards)									1.b.
c. Turnover to be settled with four payments (i.e., swaps)									1.c.
Two sided turnover subject to netting (before netting)									2.
a. Net payable amount of two sided turnover subject to netting (after netting)									2.a.
3. Payment versus payment (PvP = 3a + 3b + 3c)									3.
a. Via CLS									3.a.
b. Via other PvP or equivalent settlement methods									3.b.
c. Via "same clearer" or "on-us" accounts without exposure to settlement risk									3.c.
4. Non-PvP									4.
a. Via "same clearer" or "on-us" accounts with exposure to settlement risk									4.a.

^{1.} Total turnover in this table excludes item "other products" from Table A5.

^{2.} Shaded cells should not be reported. To avoid double reporting, only pay side should be included.

Table B1—Single-Currency Interest Rate Derivatives¹

U.S. Dollar Amounts in Millions	ARS AUD B	GN BHD	BRL CA	D CHF C	CLP CNY	COP	ZK DK	K EUR	GBP H	KD H	IUF IDR	ILS	INR	JPY	KRW LT	L LVL	L MXN	MYR N	OK NZ	D PEN PH	P PLN RC	N RUB	SAR	SEK	SGD THB	TRY TW	/D USC	ZAR	Other	Total
NSTRUMENTS FORWARD RATE AGREEMENTS			•		·	•		•			·			•		•			·	•										
- URWARD RATE AGREEMENTS												_		1												$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$
. With reporting dealersa. Local												+			-											+		+	-+	\longrightarrow
b. Cross-border												+					_									+		++	\rightarrow	-
. With other financial institutions																										+	+	+	-+	
a. Local												+														+		+	-+	\longrightarrow
b. Cross-border												+					+									+	-	++	\rightarrow	-
With nonfinancial customers									-			+					-									+		++	-+	-
. With nonlinancial customers																										+		+	-+	
a. Localb. Cross-border												+					-			-						++	+-	++	\longrightarrow	\longrightarrow
OTAL FORWARD RATE AGREEMENTS									-			+					+									+		++	-+	-
. o/w back-to-back trades												+					+									++	_	+	\rightarrow	
												+				-	+									+	-	+	-	\longrightarrow
. o/w compression trades												1																		$\overline{}$
VERNIGHT INDEXED SWAPS ²												1																		
With reporting dealers												+					+									+		++	-+	
a. Local												+					-									++		+	\rightarrow	\longrightarrow
b. Cross-border												-					_									+	-	++	+	
With other financial institutions														-												+	$\overline{}$	+	\longrightarrow	\longrightarrow
a. Local												+		-	-											+	-	+	-+	\rightarrow
b. Cross-border												-					_									+		++	+	
With nonfinancial customers												-					_									+	-	+	-+	-
a. Local												+					-									++-		+	-	\longrightarrow
b. Cross-border												-			\vdash											+	-	+	\rightarrow	\longrightarrow
OTAL OVERNIGHT INDEXED SWAPS																										+-+-	\rightarrow		\rightarrow	\rightarrow
o/w back-to-back trades												+		-												+-+-	_	+	-	\longrightarrow
o/w compression trades																													\rightarrow	_
OTHER SWAPS ²												_																	$\overline{}$	
With reporting dealers												+		-												+-+-	+-	+	\rightarrow	\rightarrow
a. Local												+			-											+	-	+	-+	\longrightarrow
b. Cross-border																										+		+	\longrightarrow	\longrightarrow
With other financial institutions																										+		+	\longrightarrow	
a. Local												-			\vdash		_									+		++	\longrightarrow	
b. Cross-border																											-	+	\longrightarrow	
With nonfinancial customers												+	\perp							\perp							\rightarrow	+	\longrightarrow	
a. Local		\longrightarrow										1	\perp				\perp			\perp	\perp	\perp					+	\perp	\longrightarrow	
b. Cross-border				\perp																						+	\rightarrow	\perp	\longrightarrow	
OTAL OTHER SWAPS																										\bot	\perp	\bot	\perp	
o/w back-to-back trades																														
2. o/w compression trades																														7

^{1.} All transactions where all the legs are exposed to one and only one currency's interest rate, including all fixed/floating and floating/floating single-currency interest rate contracts.

^{2.} A swap is considered to be a single transaction in that the two legs are not counted separately.

Table B2—Single-Currency Interest Rate Derivatives¹

U.S. Dollar Amounts in Millions	ARS AUD BGI	N BHD BRL	. CAD CHF	CLP CNY	COP CZK	DKK EUR	GBP HKD	HUF IDR	ILS INR	JPY KRW	LTL LVL	MXN MYR	NOK NZD	PEN PHP	PLN RON	RUB SA	R SEK	SGD THI	3 TRY 7	WD US	3D ZAR	Other T	otal
INSTRUMENTS																							
OTC OPTIONS (sum of bought and sold)																							
With reporting dealers																			\perp				
a. Local																							
b. Cross-border																						\leftarrow	
2. With other financial institutions																				\longrightarrow		\vdash	
a. Local			+ + -		+ + -															\rightarrow		\vdash	
b. Cross-border			+ + -		+ + + -	+ + + + + + + + + + + + + + + + + + + +			+ + -													\vdash	
3. With nonfinancial customers			+		+														+	-+	-	\vdash	
a. Localb. Cross-border			+	+	+	+ +			+	+		-					+		+-+	-+	+-	+	
TOTAL OTC OPTIONS			+ + -	+ + -	+				+ + -										+		+	\vdash	
1. o/w back-to-back trades																						\vdash	$\overline{}$
2. o/w compression trades			+ + + -		+ + + -				+ + +								+		+-+	-	-	\leftarrow	
OTHER PRODUCTS ²											 			L									
1. o/w back-to-back trades																			$\neg \neg$	-	$\neg \neg$		
2. o/w compression trades																			+				
TOTAL INTEREST RATE CONTRACTS ³																			\top				
1. o/w related party trades ⁴																							
2. o/w back-to-back trades																							
3. o/w compression trades																							

^{1.} All transactions where all the legs are exposed to one and only one currency's interest rate, including all fixed/floating and floating/floating single-currency interest rate contracts.

^{2.} Any instrument where the transaction is highly leveraged and/or the notional amount is variable and where a decomposition into individual plain vanilla components is impractical or impossible.

^{3.} It includes forward rate agreement, interest rate swaps, options and other products.

^{4.} Trades between desks and offices, and trades with own branches and subsidiaries and between affiliated firms (regardless of whether the counterparty is resident in the same country as the reporting dealer or in another country). Back-to-back deals and trades to facilitate internal bookkeeping and internal risk management within a given institution are not to be reported in the context of the triennial survey.

Central Bank Survey of Foreign Exchange and Derivatives Market Activity Table C2—Execution Method for Foreign Exchange Contracts

	Voice		Electronic					
			Direct		Indirect			
			Single- bank pro- prietary trading		Anonymous	Disclosed	Unal-	
U.S. Dollar Amounts in Millions	Direct	Indirect	system	Other	Venues	Venues	located	Total ¹
INSTRUMENTS								
SPOT					ı			
1. With reporting dealers								
a. Local								
b. Cross-border								
2. With other financial institutions								:
3. With nonfinancial customers								;
TOTAL SPOT								
OUTRIGHT FORWARDS								
1. With reporting dealers								
a. Local								
b. Cross-border								
2. With other financial institutions								:
3. With nonfinancial customers								
TOTAL OUTRIGHT FORWARDS								
FOREIGN EXCHANGE SWAPS								
1. With reporting dealers								
a. Local								
b. Cross-border								
2. With other financial institutions								:
3. With nonfinancial customers								;
TOTAL FOREIGN EXCHANGE SWAPS								
CURRENCY SWAPS								
1. With reporting dealers								
a. Local								
b. Cross-border								
2. With other financial institutions								:
3. With nonfinancial customers								;
TOTAL CURRENCY SWAPS								
OTC OPTIONS								
1. With reporting dealers								
a. Local								
b. Cross-border								
2. With other financial institutions								:
3. With nonfinancial customers								;
TOTAL OTC OPTIONS								
TOTAL FX CONTRACTS							1	

^{1.} Total Spot, Outright forwards, and FX swaps should be consistent with amounts reported in A2; currency swaps and OTC options should be consistent with the amounts reported in table A5.